MRP 2013









Yamaha Marine Rigging and Parts





YAMAHA

2013 MRP Catalog Index

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Rigging Components

The Confidence Of Owning Yamaha Reliability.

The PowerMatched® System guarantees that from stem to stern, your customers' power system is 100 percent Yamaha reliable. A perfectly PowerMatched system includes six key Yamaha components: gauges, remote control, ignition switch, wiring harness, control cables and a fuel filter. Each component is engineered specifically to enhance the performance of Yamaha outboards, and designed, manufactured and tested to Yamaha's unwavering standards for quality.

PowerMatched gives customers the complete confidence of knowing that your boat is backed with Yamaha reliability. Plus you'll have peace of mind, because the PowerMatched System Limited Warranty has customers covered for up to 3 years.

Gauges



Command Link® Plus Display with Cover

The Command Link Plus Display features a 5" full-color, high resolution LCD display that can be configured to display multiple combinations of information and views based on operator preference both for the outboard(s) and critical systems on the boat. This means the boat's operator can, at a glance, easily and quickly view vital statistics. There's even a special screen to set and monitor Yamaha's Variable Trolling RPM mode. ***6Y9-83710-01-00****

Replacement Bezel: 6Y9-83512-00-00
Replacement Display Cover: 6Y9-87278-00-00













Command Link® Gauges

Yamaha's Command Link Integrated Information System is simple, streamlined and sophisticated. It's the perfect blend of innovative technology and reliability you've come to expect from Yamaha, providing many features and functions.

Square Tachometer
Single Gauge - ***6Y8-8350T-01-00****
25 Pack - ***6Y8-8350T-01-BK****

Square Speedometer
Single Gauge - ***6Y8-8350S-01-00****
25 Pack - ***6Y8-8350S-01-BK****

Square Speed / Fuel Combo Gauge
Single Gauge - ***6Y8-83500-01-00****
25 Pack - ***6Y8-83500-01-BK****

Square Fuel Management Gauge
Single Gauge - ***6Y8-8350F-01-00****
25 Pack - ***6Y8-8350F-01-BK****

Round Tachometer
Single Gauge - ***6Y8-8350T-11-00****
25 Pack - ***6Y8-8350T-11-BK****

Round Speed / Fuel Combo Gauge
Single Gauge - ***6Y8-83500-11-00****
25 Pack - ***6Y8-83500-11-BK****

** Part number is for gauge(s) only.*

Digital Multifunction Tachometer

Accurate information is available to let you fine tune settings to achieve the best overall efficiency and performance for operating conditions. Designed for optimum visibility and long-term durability. *Displays: engine rpm, trim angle, oil level, warning lamps, overheat warning lamp, hour meter for trip (reset able) and total operating hours.*

Single Gauge - *6Y5-8350T-83-00**
25 Pack - *6Y5-8350T-83-BK**



Digital Multifunction Speedometer

Accurate information is available to let you fine tune settings to achieve the best overall efficiency and performance for operating conditions. Designed for optimum visibility and long-term durability. *Displays: Speed, trip, time, fuel, low fuel warning-flashes on the lowest bar, battery voltage reading-displays battery output (10~16 volts) and flashes the readout if the output falls below 12 volts.*

Single Gauge - *6Y5-83570-S5-00**
25 Pack - *6Y5-83570-S5-BK**



Digital Multifunction Fuel Management Meter

Accurate information is available to let you fine tune settings to achieve the best overall efficiency and performance for operating conditions. Designed for optimum visibility and long-term durability. *Displays: Fuel consumption, fuel economy (using speedo or GPS input for readings), fuel contamination warning (when deluxe fuel/water separator is used), engine synchronization (for dual engine applications).*

Single Gauge - *6Y5-83500-F1-00**
25 Pack - *6Y5-8350F-00-BK**



Pro Series II™ Tachometers

Yamaha's Pro Series II quality instrumentation provides you with high accuracy, and easy readability in virtually all conditions. Distinctive appearance will complement any dash. Direct faceplate illumination on gauge allows for easy night-time viewing. Warning indicators included in the gauge face.

White Face - *6Y7-83540-90-00**
Black Face - *6Y7-83540-80-00**



Pro Series II™ Speedometer (0-75MPH)

Yamaha's Pro Series II quality instrumentation provides you with high accuracy, and easy readability in virtually all conditions. Distinctive appearance will complement any dash. Direct faceplate illumination on gauge allows for easy night-time viewing. Displays KMH and MPH.

White Face - *6Y7-83510-10-00**
Black Face - *6Y7-83510-00-00**



** Part number is for gauge(s) only.*

Rigging Components



Pro Series II™ Speedometer (0-50 MPH)
Yamaha's Pro Series II quality instrumentation provides you with high accuracy, and easy readability in virtually all conditions. Distinctive appearance will complement any dash. Direct faceplate illumination on gauge allows for easy night-time viewing. Displays KMH and MPH.

White Face - *6Y7-83510-30-00**

Black Face - *6Y7-83510-20-00**



Pro Series II™ Fuel Level Meter
High accuracy, and easy readability in virtually all conditions. Distinctive appearance will complement any dash. Direct faceplate illumination on gauge allows for easy night-time viewing.

White Face - *6Y7-85750-30-00**
Black Face - *6Y7-85750-10-00**



Pro Series II™ Voltage Meter
High accuracy, and easy readability in virtually all conditions. Distinctive appearance will complement any dash. Direct faceplate illumination on gauge allows for easy night-time viewing.

White Face - *6Y7-83503-10-00**
Black Face - *6Y7-83503-00-00**



Pro Series II™ Water Temperature Meter
High accuracy, and easy readability in virtually all conditions. Direct faceplate illumination on gauge allows for easy night-time viewing. Requires temperature sender (688-83591-00-00) for installation.

White Face - *6Y7-82590-10-00**
Black Face - *6Y7-82590-00-00**



Pro Series II™ Water Pressure Meter
High accuracy, and easy readability in virtually all conditions. Direct faceplate illumination on gauge allows for easy night-time viewing. Requires pressure sender (688-83667-00-00) for installation.

White Face - *6Y7-83660-30-00**
Black Face - *6Y7-83660-10-00**



Pro Series II™ Trim Meter
High accuracy, and easy readability in virtually all conditions. Direct faceplate illumination on gauge allows for easy night-time viewing.

White Face - *6Y7-83670-50-00**
Black Face - *6Y7-83670-40-00**



Pro Series II™ Hour Meter
High accuracy, and easy readability in virtually all conditions. Displays engine hours with an LCD read out.

White Face - *6Y7-83504-10-00**
Black Face - *6Y7-83504-00-00**

** Part number is for gauge(s) only.*

Pro Series™ Tachometer for Four-Stroke Engines
Yamaha's Pro Series quality instrumentation provides you with high accuracy, and easy readability in virtually all conditions. Direct faceplate illumination on gauges allows for easy night-time viewing. Includes oil pressure and over heat warning indicators.

6Y5-83540-20-00*



Pro Series™ Tachometer with Two-Stroke Oil Indicators
Yamaha's Pro Series quality instrumentation provides you with high accuracy, and easy readability in virtually all conditions. Direct faceplate illumination on gauges allows for easy night-time viewing.

6Y5-83540-05-00*



Pro Series™ Tachometer
Yamaha's Pro Series quality instrumentation provides you with high accuracy, and easy readability in virtually all conditions. Direct faceplate illumination on gauges allows for easy night-time viewing.

6Y5-83540-14-00*



Pro Series™ 50 MPH Speedometer
Yamaha's Pro Series quality instrumentation provides you with high accuracy, and easy readability in virtually all conditions. Direct faceplate illumination on gauges allows for easy night-time viewing. Displays MPH and KM/H.

6Y5-83510-10-00*



Pro Series™ 75 MPH Speedometer
Yamaha's Pro Series quality instrumentation provides you with high accuracy, and easy readability in virtually all conditions. Direct faceplate illumination on gauges allows for easy night-time viewing. Displays MPH and KM/H.

6Y5-83510-00-00*



** Part number is for gauge(s) only.*

Rigging Components



Pro Series™ Fuel Level Meter
Yamaha's Pro Series quality instrumentation provides you with high accuracy, and easy readability in virtually all conditions. Direct faceplate illumination on gauges allows for easy night-time viewing.
6Y5-85750-10-00*



Pro Series™ Voltage Meter
Yamaha's Pro Series quality instrumentation provides you with high accuracy, and easy readability in virtually all conditions. Direct faceplate illumination on gauges allows for easy night-time viewing.
6Y5-83503-00-00*



Pro Series™ Water Temperature Meter
Yamaha's Pro Series quality instrumentation provides you with high accuracy, and easy readability in virtually all conditions. Direct faceplate illumination on gauges allows for easy night-time viewing. Requires temperature sender (688-83591-00-00) for installation.
6Y5-83590-00-00*



Pro Series™ Water Pressure Meter
Yamaha's Pro Series quality instrumentation provides you with high accuracy, and easy readability in virtually all conditions. Direct faceplate illumination on gauges allows for easy night-time viewing. Requires pressure sender (688-83667-00-00) for installation.
6Y5-83660-10-00*



Pro Series™ Trim Meter
Yamaha's Pro Series quality instrumentation provides you with high accuracy, and easy readability in virtually all conditions. Direct faceplate illumination on gauges allows for easy night-time viewing. Requires pressure sender (688-83667-00-00) for installation.
3 Wire Sender - *6Y5-83670-11-00**
2 Wire Sender - *6Y5-83670-12-00**



Pro Series™ Hour Meter
Yamaha's Pro Series quality instrumentation provides you with high accuracy, and easy readability in virtually all conditions.
6Y5-83504-11-00*

** Part number is for gauge(s) only.*

Digital Electronic Control (DEC) Gauge Kits

Yamaha's DEC gauge kits offer you convenient rigging solutions. There are several configurations to meet most applications, and offer a great price advantage over individual components. Most installations will require additional parts, see section 10 for additional rigging information.

Command Link® Plus Display Kit *MAR-CLPDU-KT-20*



Kit Includes:

Qty	Description	Part Number
1	Command Link Plus Display	6Y9-83710-02-00
1	Command Link Plus 4 to 6 Pin Adaptor, 0.5 ft.	6Y9-83553-40-00
1	Command Link Plus Display Cover	6Y9-87278-00-00

Command Link® Plus Installation Kit *MAR-CLPDI-KT-00*



Kit Includes:

Qty	Description	Part Number
1	Wire Lead for GPS	6Y9-8356N-01-00
1	Wire Lead for Fuel Tank Sender	6Y9-8356N-10-00
1	Wire Lead for CLP, Control Box to Main Bus	6Y9-83553-00-00
1	Multi-Hub Assembly	6Y8-81920-01-00
1	Cap, 4 Pin	6Y8-82582-11-00
1	Power Lead. 8 ft.	6Y8-83553-01-00
1	Wiring Diagram	6Y9-2819K-E0-00
1	User Display Guide	6Y9-2819U-E0-00

DEC Single Engine Main Station Command Link® Kit

Square Two Gauge Kit: 6X6-WE83S-20-00 *(Shown)*

Round Two Gauge Kit: 6X6-WE83R-20-00



Kit Includes:

Qty	Description	Part Number
1	Command Link Tachometer	Square or Round
1	Command Link Speed / Fuel Gauge	Round or Square
1	Multi-Hub Assembly	6Y8-81920-01-00
1	Power Lead, 8 ft.	6Y8-83553-01-00
1	Multi-Hub Resistor	6Y8-85371-01-00
1	Fuel Sender and GPS Wire Lead	6Y8-8356N-01-00
1	Laminate Quick Reference Card	6Y8-2819U-X2-00
1	User Operation Guide	6Y8-2819U-00-00
1	Consumer Command Link DVD	DVD-10660-00-CL



DEC Twin Engine Main Station Command Link® Kit

Square Three Gauge Kit: 6X6-WE83S-30-00 *(Shown)*

Round Three Gauge Kit: 6X6-WE83R-30-00

Kit Includes:

Qty	Description	Part Number
2	Command Link Tachometer	Square or Round
1	Command Link Speed / Fuel Gauge	Round or Square
2	Multi-Hub Assembly	6Y8-81920-01-00
1	Power Lead, 8 ft.	6Y8-83553-01-00
1	Cap, 2 Pin	6Y8-82582-01-00
1	Cap, 4 Pin	6Y8-82582-11-00
1	Main Bus Harness, Hub to Hub, 1 ft.	6Y8-82553-01-00
1	Fuel Sender and GPS Wire Lead	6Y8-8356N-01-00
1	Laminate Quick Reference Card	6Y8-2819U-X2-00
1	User Operation Guide	6Y8-2819U-00-00
1	Consumer Command Link DVD	DVD-10660-00-CL



DEC Twin Engine Main Station Command Link® Kit

Square Four Gauge Kit: 6X6-WE83S-40-00

Kit Includes:

Qty	Description	Part Number
2	Command Link Square Tachometer	6Y8-8350T-01-00
1	Command Link Square Speedometer	6Y8-8350S-01-00
1	Command Link Square Fuel Management	6Y8-8350F-01-00
2	Multi-Hub Assembly	6Y8-81920-01-00
1	Power Lead, 8 ft.	6Y8-83553-01-00
1	Cap, 2 Pin	6Y8-82582-01-00
1	Main Bus Harness, Hub to Hub, 1 ft.	6Y8-82553-01-00
1	Fuel Sender and GPS Wire Lead	6Y8-8356N-01-00
1	Laminate Quick Reference Card	6Y8-2819U-X2-00
1	User Operation Guide	6Y8-2819U-00-00
1	Consumer Command Link DVD	DVD-10660-00-CL

DEC Triple Engine Main Station Command Link® Kit

Square Four Gauge Kit: 6X6-WE83S-45-00 *(Shown)*

Round Four Gauge Kit: 6X6-WE83R-40-00

Kit Includes:

Qty	Description	Part Number
3	Command Link Tachometer	Square or Round
1	Command Link Speed / Fuel Gauge	Round or Square
3	Multi-Hub Assembly	6Y8-81920-01-00
1	Power Lead, 8 ft.	6Y8-83553-01-00
2	Cap, 2 Pin	6Y8-82582-01-00
2	Cap, 4 Pin	6Y8-82582-11-00
2	Main Bus Harness, Hub to Hub, 1 ft.	6Y8-82553-01-00
1	Fuel Sender and GPS Wire Lead	6Y8-8356N-01-00
1	Laminate Quick Reference Card	6Y8-2819U-X2-00
1	User Operation Guide	6Y8-2819U-00-00
1	Consumer Command Link DVD	DVD-10660-00-CL





DEC Triple Engine Main Station Command Link® Kit

Square Five Gauge Kit: 6X6-WE83S-50-00

Kit Includes:

Qty	Description	Part Number
3	Command Link Square Tachometer	6Y8-8350T-01-00
1	Command Link Square Speedometer	6Y8-8350S-01-00
1	Command Link Square Fuel Management	6Y8-8350F-01-00
3	Multi-Hub Assembly	6Y8-81920-01-00
1	Power Lead, 8 ft.	6Y8-83553-01-00
2	Cap, 2 Pin	6Y8-82582-01-00
1	Cap, 4 Pin	6Y8-82582-11-00
2	Main Bus Harness, Hub to Hub, 1 ft.	6Y8-82553-01-00
1	Fuel Sender and GPS Wire Lead	6Y8-8356N-01-00
1	Laminate Quick Reference Card	6Y8-2819U-X2-00
1	User Operation Guide	6Y8-2819U-00-00
1	Consumer Command Link DVD	DVD-10660-00-CL



DEC Single Engine Second Station Command Link® Kit

Square One Gauge Kit: 6X6-WE83D-10-00

Kit Includes:

Qty	Description	Part Number
1	Command Link Square Tachometer	6Y8-8350T-01-00
1	Multi-Hub Assembly	6Y8-81920-01-00
1	Cap, 2 Pin	6Y8-82582-01-00
2	Cap, 4 Pin	6Y8-82582-11-00
2	Station Selector Switch	6X6-82570-A0-00
1	Second Station Main Switch Panel	6X6-82570-00-00
1	Laminate Quick Reference Card	6Y8-2819U-X2-00
1	Consumer Command Link DVD	DVD-10660-00-CL

DEC Twin Engine Second Station Command Link® Kit

Square Two Gauge Kit: 6X6-WE83D-20-00



Kit Includes:

Qty	Description	Part Number
2	Command Link Square Tachometer	6Y8-8350T-01-00
1	Multi-Hub Assembly	6Y8-81920-01-00
1	Cap, 2 Pin	6Y8-82582-01-00
1	Cap, 4 Pin	6Y8-82582-11-00
2	Station Selector Switch	6X6-82570-A0-00
1	Second Station Main Switch Panel	6X6-82570-10-00
1	Laminate Quick Reference Card	6Y8-2819U-X2-00
1	Consumer Command Link DVD	DVD-10660-00-CL

DEC Triple Engine Second Station Command Link® Kit

Square Three Gauge Kit: 6X6-WE83D-30-00



Kit Includes:

Qty	Description	Part Number
3	Command Link Square Tachometer	6Y8-8350T-01-00
1	Multi-Hub Assembly	6Y8-81920-01-00
1	Cap, 2 Pin	6Y8-82582-01-00
2	Station Selector Switch	6X6-82570-A0-00
1	Second Station Main Switch Panel	6X6-82570-10-00
1	Laminate Quick Reference Card	6Y8-2819U-X2-00
1	Consumer Command Link DVD	DVD-10660-00-CL

Command Link® Gauge Kits

Yamaha's Command Link gauge kits offer you convenient rigging solutions. There are several configurations to meet most applications, and offer a great price advantage over individual components. Most installations will require additional parts, see section 10 for additional rigging information.



Command Link® Single Engine Gauge Kit

Square One Gauge Kit: 6Y8-WE83S-70-00 *(Shown)*

Round One Gauge Kit: 6Y8-WE83R-60-00

Kit Includes:

Qty	Description	Part Number
1	Command Link Tachometer	Square or Round
2	Multi-Hub Assembly	6Y8-81920-01-00
1	Power Lead, 8 ft.	6Y8-83553-01-00
1	Cap, 2 Pin	6Y8-82582-01-00
4	Cap, 4 Pin	6Y8-82582-11-00
1	Pigtail Harness, Engine to Rear Hub, 9 ft.	6Y8-82521-41-00
1	Laminate Quick Reference Card	6Y8-2819U-X2-00
1	User Operation Guide	6Y8-2819U-00-00
1	Consumer Command Link DVD	DVD-10660-00-CL



Command Link® Single Engine Gauge Kit

Square Two Gauge Kit: 6Y8-WE83S-10-00 *(Shown)*

Round Two Gauge Kit: 6Y8-WE83R-40-00

Kit Includes:

Qty	Description	Part Number
1	Command Link Tachometer	Square or Round
1	Command Link Speed / Fuel Gauge	Square or Round
2	Multi-Hub Assembly	6Y8-81920-01-00
1	Power Lead, 8 ft.	6Y8-83553-01-00
1	Cap, 2 Pin	6Y8-82582-01-00
3	Cap, 4 Pin	6Y8-82582-11-00
1	Speed Sensor Kit	60V-8A4L1-11-00
1	Fuel Sender and GPS Wire Lead	6Y8-8356N-01-00
1	Pigtail Harness, Engine to Rear Hub, 12 ft.	6Y8-82521-51-00
1	Laminate Quick Reference Card	6Y8-2819U-X2-00
1	User Operation Guide	6Y8-2819U-00-00
1	Consumer Command Link DVD	DVD-10660-00-CL

Command Link® Single Engine Gauge Kit

Round Two Gauge Kit: 6Y8-0083R-70-00

Kit Includes:

Qty	Description	Part Number
1	Command Link Round Tachometer	6Y8-8350T-11-00
1	Command Link Round Speed / Fuel Gauge	6Y8-83500-11-00
1	Multi-Hub Assembly	6Y8-81920-01-00
1	In-Line Hub	6Y8-81920-11-00
1	Power Lead, 8 ft.	6Y8-83553-01-00
1	Cap, 4 Pin	6Y8-82582-11-00
1	Speed Sensor Kit	60V-8A4L1-11-00
1	Fuel Sender and GPS Wire Lead	6Y8-8356N-01-00
1	Pigtail Harness, Engine to Rear Hub, 6 ft.	6Y8-82521-31-00
1	Laminate Quick Reference Card	6Y8-2819V-X2-00
1	User Operation Guide	6Y8-2819V-00-00
1	Consumer Command Link DVD	DVD-10660-00-CL



Command Link® Twin Engine Gauge Kit with 704 Control Box

Square Three Gauge Kit: 6Y8-WE83S-30-00 *(Shown)*

Round Three Gauge Kit: 6Y8-WE83R-50-00

Kit Includes:

Qty	Description	Part Number
2	Command Link Tachometer	Square or Round
1	Command Link Speed / Fuel Gauge	Square or Round
2	Multi-Hub Assembly	6Y8-81920-01-00
1	Power Lead, 8 ft.	6Y8-83553-01-00
1	Cap, 2 Pin	6Y8-82582-01-00
1	Cap, 4 Pin	6Y8-82582-11-00
1	Speed Sensor Kit	60V-8A4L1-11-00
1	704 Twin Engine Binnacle Control Box	704-48207-P1-00
1	Twin Engine Main Switch Panel Assembly	6Y8-82570-03-00
1	Fuel Sender and GPS Wire Lead	6Y8-8356N-01-00
1	Main Wire Harness, 10 Pin, 26.2 ft.	6K1-8258A-40-00
1	Main Wire Harness, 10 Pin, 31.2 ft.	61B-8258A-01-00
2	Pigtail Harness, Engine to Rear Hub, 12 ft.	6Y8-82521-51-00
1	Laminate Quick Reference Card	6Y8-2819U-X2-00
1	User Operation Guide	6Y8-2819U-00-00
1	Consumer Command Link DVD	DVD-10660-00-CL





Command Link® Twin Engine Gauge Kit with 704 Control Box

Square Four Gauge Kit: *6Y8-WE83S-20-00*

Kit Includes:

Qty	Description	Part Number
2	Command Link Square Tachometer	6Y8-8350T-01-00
1	Command Link Square Speedometer	6Y8-8350S-01-00
1	Command Link Square Fuel Management	6Y8-8350F-01-00
3	Multi-Hub Assembly	6Y8-81920-01-00
1	Power Lead, 8 ft.	6Y8-83553-01-00
2	Cap, 2 Pin	6Y8-82582-01-00
3	Cap, 4 Pin	6Y8-82582-11-00
1	Speed Sensor Kit	60V-8A4L1-11-00
1	704 Twin Engine Binnacle Control Box	704-48207-P1-00
1	Twin Engine Main Switch Panel Assembly	6Y8-82570-03-00
1	Fuel Sender and GPS Wire Lead	6Y8-8356N-01-00
1	Main Wire Harness, 10 Pin, 26.2 ft.	6K1-8258A-40-00
1	Main Wire Harness, 10 Pin, 31.2 ft.	61B-8258A-01-00
2	Pigtail Harness, Engine to Rear Hub, 12 ft.	6Y8-82521-51-00
1	Main Bus Harness, 2nd to 3rd hub, 1 ft.	6Y8-82553-01-00
1	Laminate Quick Reference Card	6Y8-2819U-X2-00
1	User Operation Guide	6Y8-2819U-00-00
1	Consumer Command Link DVD	DVD-10660-00-CL

Command Link® Triple Engine Gauge Kit

Square Four Gauge Kit: 6Y8-WE83S-95-00

Kit Includes:

Qty	Description	Part Number
3	Command Link Square Tachometer	6Y8-8350T-01-00
1	Command Link Square Speed / Fuel Gauge	6Y8-83500-01-00
3	Multi-Hub Assembly	6Y8-81920-01-00
1	Power Lead, 8 ft.	6Y8-83553-01-00
2	Cap, 2 Pin	6Y8-82582-01-00
2	Cap, 4 Pin	6Y8-82582-11-00
1	Speed Sensor Kit	60V-8A4L1-11-00
1	Triple Engine Main Switch Panel Assembly	6X5-82570-01-00
1	Fuel Sender and GPS Wire Lead	6Y8-8356N-01-00
1	Main Wire Harness, 10 Pin, 26.2 ft.	6K1-8258A-40-00
2	Main Wire Harness, 10 Pin, 31.2 ft.	61B-8258A-01-00
3	Pigtail Harness, Engine to Rear Hub, 12 ft.	6Y8-82521-51-00
1	Main Bus Harness, 2nd to 3rd hub, 1 ft.	6Y8-82553-01-00
1	Laminate Quick Reference Card	6Y8-2819U-X2-00
1	User Operation Guide	6Y8-2819U-00-00
1	Consumer Command Link DVD	DVD-10660-00-CL





Command Link® Triple Engine Gauge Kit

Square Five Gauge Kit: 6Y8-WE83S-90-00

Kit Includes:

Qty	Description	Part Number
3	Command Link Square Tachometer	6Y8-8350T-01-00
1	Command Link Square Speedometer	6Y8-8350S-01-00
1	Command Link Square Fuel Management	6Y8-8350F-01-00
3	Multi-Hub Assembly	6Y8-81920-01-00
1	Power Lead, 8 ft.	6Y8-83553-01-00
2	Cap, 2 Pin	6Y8-82582-01-00
1	Cap, 4 Pin	6Y8-82582-11-00
1	Speed Sensor Kit	60V-8A4L1-11-00
1	Triple Engine Main Switch Panel Assembly	6X5-82570-01-00
1	Fuel Sender and GPS Wire Lead	6Y8-8356N-01-00
1	Main Wire Harness, 10 Pin, 26.2 ft.	6K1-8258A-40-00
2	Main Wire Harness, 10 Pin, 31.2 ft.	61B-8258A-01-00
3	Pigtail Harness, Engine to Rear Hub, 12 ft.	6Y8-82521-51-00
1	Main Bus Harness, 2nd to 3rd hub, 1 ft.	6Y8-82553-01-00
1	Laminate Quick Reference Card	6Y8-2819U-X2-00
1	User Operation Guide	6Y8-2819U-00-00
1	Consumer Command Link DVD	DVD-10660-00-CL



Command Link® Triple Engine Gauge Kit with Mechanical Control Box

Square Five Gauge Kit: 6Y8-WE83S-80-00

Kit Includes:

Qty	Description	Part Number
1	Triple Engine Five Gauge Kit *(Pictured above)*	6Y8-WE83S-90-00
1	Triple Engine Binnacle Control Box	6X5-48207-01-00

Multifunction Gauge Kits

Yamaha Digital Multifunction Gauges provide multiple system readings at the touch of a button, enabling you to fine-tune engine settings to operating conditions for maximum efficiency and performance. Designed for optimal visibility, accuracy and durability, they're easily set for two-stroke or four-stroke use.

Multifunction Single Engine Tachometer Kit

Multifunction One Gauge Kit: 6YR-W0035-E3-00

Kit Includes:

Qty	Description	Part Number
1	Multifunction Tachometer (2005~ Engines)	6Y5-8350T-90-00
1	Trim and Oil Harness (2005~ Engines)	6Y5-83653-20-00
1	Gauge Harness, 2 Fuse	6Y5-83553-N0-00
1	Decal, "To Engine"	6R3-83621-00-00



Multifunction Single Engine Tachometer Kit

Multifunction One Gauge Kit: 6YR-W0035-E1-00

Kit Includes:

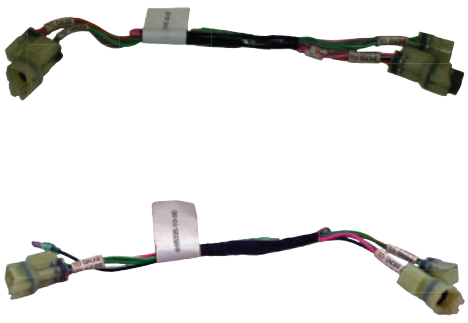
Qty	Description	Part Number
1	Multifunction Tachometer (~ 2004 Engines)	6Y5-8350T-83-00
1	Trim and Oil Harness (~ 2004 Engines)	68F-82553-80-00
1	Gauge Harness, 2 Fuse	6Y5-83553-N0-00
1	Wire Harness Cap, Male	6R8-82582-00-00



The difference between -90 and -82 tachometers

The -90 tachometer has one trim and oil harness connection for the 2005 and later engines. It can still be used on 2004 and prior engines using a two wire trim sender with adapter harness 6Y5-85335-10-00. The -90 tachometer is only available in some rigging kits.

The -82 tachometer has two trim and oil harness connections for the 2004 and prior engines. It can still be used on 2005 and later engines with adapter harness 6Y5-85335-00-00. The -82 tachometer is available in some rigging kits or as an individual gauge. More information is available in tech bulletin 2006-006.





Multifunction Single Engine Fuel Management Kit*

Multifunction One Gauge Kit: 6Y5-W0088-54-00

Kit Includes:

Qty	Description	Part Number
1	Multifunction Fuel Management Gauge	6Y5-8350F-00-00
1	Fuel Flow Sensor Harness, 8.0m	6Y5-83553-F1-00
1	Fuel Flow Sensor	6Y5-85752-02-00
2	Screw	90158-06003-00
1	Wire Extension	703-82531-00-00
1	Wire Lead	6Y5-82117-00-00
2	Clamp	90465-10098-00

**For twin engines add one (1) 6Y5-85752-02-00*



Multifunction Single Engine Tachometer and Speedometer Kit

Multifunction Two Gauge Kit: 6YR-W0035-F3-00

Kit Includes:

Qty	Description	Part Number
1	Multifunction Tachometer (2005~ Engines)	6Y5-8350T-90-00
1	Multifunction Speedometer	6Y5-83570-S6-00
1	Trim and Oil Harness (2005~ Engines), 26.2ft.	6Y5-83653-30-00
1	Speedometer Tube, 8.0m	6Y5-83557-10-00
2	Clamp	90465-10098-00
10	Clamp	90465-13M39-00
1	Gauge Harness, 2 Fuse	6Y5-83553-N0-00



Multifunction Twin Engine Tach and Fuel Kit with 704 Control[1]

Multifunction Two Gauge Kit: 6YR-W0035-G5-00

Kit Includes:

Qty	Description	Part Number
1	Multifunction Tachometer (2005 ~ Engines)	6Y5-8350T-90-00
1	Multifunction Fuel Management Gauge	6Y5-8350F-00-00
1	Trim and Oil Harness (2005 ~ Engines), 31ft.	6Y5-83653-40-00
1	Main Wire Harness, 10 Pin, 26.2ft.	6K1-8258A-40-00
1	Main Wire Harness, 10 Pin, 31ft.	61B-8258A-01-00
1	704 Twin Engine Binnacle Control	704-48207-P1-00
1	Twin Engine Main Switch Panel	6K1-82570-10-00
1	Gauge Harness, 2 Fuse	6Y5-83553-N0-00
1	Fuel Flow Sensor Harness	6Y5-83553-F1-00
2	Fuel Flow Sensor	6Y5-85752-02-00
4	Screw	90149-05M05-00
4	Nut	95380-05600-00
4	Washer	92990-05100-00
4	Washer	92990-05600-00
4	Self Tapping Screw	90158-06003-00

[1] *Requires gauge kit 6YR-W0035-F3-00 to complete installation*

Mechanical Dual Station (Synchro Control) Kits

Synchro Control Kits allow the addition of a second station to mechanically controlled outboards. Please remember Synchro Control Kits do not include gauges and may require additional parts to complete an installation.

Single Engine Synchro Control System with 704 Control

Dual Station (No Gauges) Kit: ~~6X1-W0006-20-00~~



Kit Includes:

Qty	Description	Part Number
1	704 Single Engine Binnacle Control Box	704-48205-P1-00
1	Second Station Switch Assembly	6X1-82570-00-00
1	Junction Box	6X1-48208-02-00
1	Actuator	6X1-48208-20-00
1	Main Harness, 10 Pin, 26.2 ft.	6K1-8258A-40-00
1	Wire Harness	6X1-82531-00-00
1	Wire Harness	6X1-83553-00-00
1	Main Harness Extension	6X1-8258A-20-00
4	Screw	90149-05M05-00
4	Spring Washer	92990-05100-00
4	Nut	95380-05600-00
3	Wire Cover	
1	Rigging Manual	
1	Owner's Manual	

DISCONTINUED

Twin Engine Synchro Control System with 704 Control

Dual Station (No Gauges) Kit: ~~6X1-W0006-30-00~~



Kit Includes:

Qty	Description	Part Number
1	704 Twin Engine Binnacle Control Box	704-48207-P1-00
1	Second Station Switch Assembly	6X1-82570-10-00
2	Junction Box	6X1-48208-02-00
2	Actuator	6X1-48208-20-00
1	Main Harness, 10 Pin, 26.2 ft.	6K1-8258A-40-00
2	Wire Harness	6X1-82531-00-00
2	Wire Harness	6X1-83553-00-00
1	Main Harness Extension	6X1-8258A-20-00
1	Main Harness Extension	6X1-8258A-30-00
4	Screw	90149-05M05-00
4	Spring Washer	92990-05100-00
4	Nut	95380-05600-00
6	Wire Cover	
1	Rigging Manual	
1	Owner's Manual	

DISCONTINUED

Controls

Command Link® Plus Control Boxes

Yamaha's line of Command Link Plus Digital Electronic Controls are perfect for new V6 Offshore outboard models, as well as the new F350 with Command Link Plus compatibility. With the same mounting dimensions as Command Link controls, they all offer virtually effortless throttle and shift functions, highly-polished chrome handles, and a built-in redundancy system for added reliability. Like all Command Link DECs , a separate Electronic Control Unit (ECU) is included for each outboard – a huge advantage over some competitive models. And thanks to 'plug-and play' convenience, adding a second station control is a breeze. Additionally, all multiple engine Command Link DECs feature automatic engine RPM synchronization. The Quad engine control box synchronizes the port and port center engines together and the starboard and starboard center engines together. All main station Command Link Plus DEC binnacle control boxes offer second station compatibility. DEC Control Boxes ***MUST*** be ordered through outboard sales.



Single Engine Flush Control
6X7-48206-10-00



Single Engine Binnacle Control
6X6-48205-41-00

Second Station Control
6X6-48205-51-00



Twin Engine Binnacle Control
6X6-48207-41-00

Second Station Control
6X6-48207-51-00



Triple Engine Binnacle Control
6X6-48208-41-00

Second Station Control
6X6-48208-51-00



Quad Engine Binnacle Control
6X6-48209-01-00

Second Station Control
6X6-48209-11-00



DEC Control Box Spacers

Twin / Triple / Quad Spacer
MAR-SHIM8-66-00

Single Control Spacer
MAR-SHIM8-65-00

DEC Control Boxes ***MUST*** be ordered through outboard sales.

Mechanical Control Boxes
Classic style and function combined with Yamaha's high standards. The perfect line up of control boxes for mechanical controlled engines.

704 Standard Control Box
Top-mount binnacle control with a sleek, rounded look that is sure to please today's boater. The 704 allows for effortless, one-hand operation of the throttle and shift of an outboard. Intuitive designs place a thumb-operated, engine trim/tilt switch comfortably on the handle, and feature easily accessible neutral warm-up controls and externally adjustable throttle friction. Standard painted finish.

Single Engine: ***704-48205-B1-00***



704 Premium Control Boxes
Top-mount binnacle control with a sleek, rounded look that is sure to please today's boater. The 704 allows for effortless, one-hand operation of the throttle and shift of an outboard. Intuitive designs place a thumb-operated, engine trim/tilt switch comfortably on the handle, and feature easily accessible neutral warm-up controls and externally adjustable throttle friction. Stylish chrome finish.

Single Engine: ***704-48205-P1-00***

Twin Engine: ***704-48207-P1-00***



Mechanical Binnacle Spacers
Designed to raise the 704 Binnacle Control to provide more clearance for the lever in idle and full-throttle positions.

Standard Single Flat Spacer: ***704-48293-00-00***

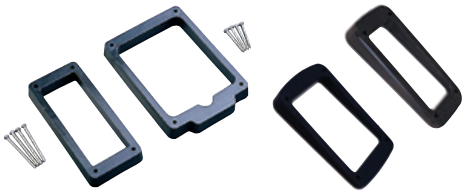
Standard Twin Flat Spacer: ***704-48293-10-00***

Premium Single Flat Spacer: ***704-48293-20-00***

Premium Single Angled Spacer: ***MAR-SHIM8-63-00***

Premium Twin Flat Spacer: ***704-48293-30-00***

Premium Twin Angled Spacer: ***MAR-SHIM8-64-00***



Triple Binnacle Control Box
This uniquely designed triple control box allows for one hand operation for easier maneuverability. The unique triple control box has a built-in water drain tube for added reliability & long term durability. Easy access cable connection location for faster & easier rigging.
6X5-48207-01-00



Rigging Components



6X3 6X0

Flush Mount Control Boxes
Includes thumb-operated trim/tilt switch, neutral switch and push-button neutral warm-up. Fits most single engine applications and they're perfect for a bass boat.

Flush Mount Control Box with Stop Lanyard*: ***6X3-48206-01-00***

Flush Mount with Chrome Handle: ***6X0-48206-12-00***

** Requires main switch duplex connector, 6X3-8257B-00-00*



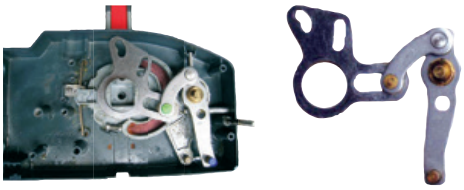
Mechanical 703 Side Mount Control Boxes
Designed for use with electric start Yamaha outboards. Features include: Convenient easy-to-use fast-idle lever for fast warm-up Key switch for added security Forward/ reverse lever. 703 control boxes include a key switch, stop lanyard, and 16 foot main harness.

Push to Open, 10 Pin Harness: ***703-48207-1A-10***

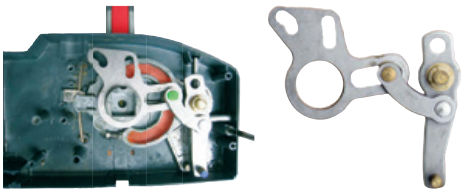
Pull to Open w/ Choke, 7 Pin Harness: ***703-48230-17-10***

Pull to Open w/o Choke, 7 Pin Harness: ***703-48240-14-00***

Trim switch cover: ***703-48224-00-00***
Replacement 10 Pin Harness: ***688-8258A-20-00***
Replacement 7 Pin Harness: ***688-82586-21-00***



Pull to Open



Push to Open

Side Mount Throttle Conversion
Although the control boxes available may not meet your throttle style, the parts below can be ordered to convert a side mount box to the throttle style you need.

703 Push to Open Conversion: ***703-48261-01-00***
703 Pull to Open Conversion: ***703-48261-11-00***

701 Push to Open Conversion: ***701-48261-20-00***
701 Pull to Open Conversion: ***701-48261-00-00***

Mechanical 701 Side Mount Control Boxes

Designed specifically for most manual start Yamaha outboards. A single forward/reverse control lever and a separate fast idle lever provide easy operation.

Pull to Open Throttle: ***701-48101-51-00***
Pull to Open Throttle w/ Stop Switch: ***701-48101-11-00***

Push to Open Throttle: ***701-48130-02-00***

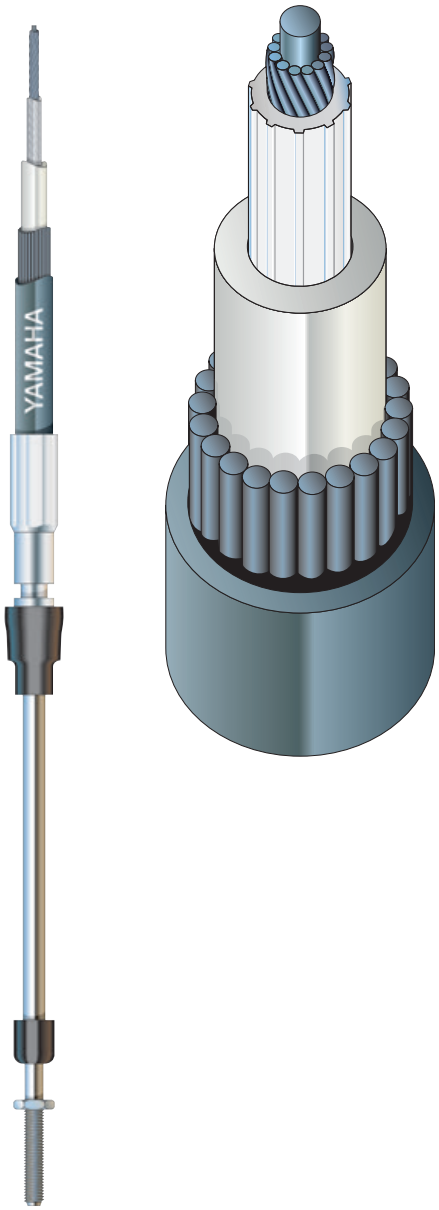
Port Side Mount, Pull to Open Throttle: ***701-48102-51-00***
Port Side Mount, Pull to Open Throttle w/ Stop Switch: ***701-48102-11-00***



Premier II™ Control Cables

Yamaha is pleased to offer Premier II cables. They offer an ultra-low-friction splined inner core. The design allows tighter tolerances resulting in reduced end play. We highly recommend the use of Premier II cables for boats with several applications and long cable lengths, on dual-station boats, and on any boat for unrivaled smoothness.

Cable Length	Individual Part Number	10 Pack Part Number
4 Ft.	MAR-CABLE-04-SC	N/A
6 Ft.	MAR-CABLE-06-SC	MAR-CABLE-06-BK
7 Ft.	MAR-CABLE-07-SC	MAR-CABLE-07-BK
8 Ft.	MAR-CABLE-08-SC	MAR-CABLE-08-BK
9 Ft.	MAR-CABLE-09-SC	MAR-CABLE-09-BK
10 Ft.	MAR-CABLE-10-SC	MAR-CABLE-10-BK
11 Ft.	MAR-CABLE-11-SC	MAR-CABLE-11-BK
12 Ft.	MAR-CABLE-12-SC	MAR-CABLE-12-BK
13 Ft.	MAR-CABLE-13-SC	MAR-CABLE-13-BK
14 Ft.	MAR-CABLE-14-SC	MAR-CABLE-14-BK
15 Ft.	MAR-CABLE-15-SC	MAR-CABLE-15-BK
16 Ft.	MAR-CABLE-16-SC	MAR-CABLE-16-BK
17 Ft.	MAR-CABLE-17-SC	MAR-CABLE-17-BK
18 Ft.	MAR-CABLE-18-SC	MAR-CABLE-18-BK
19 Ft.	MAR-CABLE-19-SC	MAR-CABLE-19-BK
20 Ft.	MAR-CABLE-20-SC	MAR-CABLE-20-BK
21 Ft.	MAR-CABLE-21-SC	MAR-CABLE-21-BK
22 Ft.	MAR-CABLE-22-SC	MAR-CABLE-22-BK
23 Ft.	MAR-CABLE-23-SC	MAR-CABLE-23-BK
24 Ft.	MAR-CABLE-24-SC	MAR-CABLE-24-BK
25 Ft.	MAR-CABLE-25-SC	MAR-CABLE-25-BK
26 Ft.	MAR-CABLE-26-SC	MAR-CABLE-26-BK
27 Ft.	MAR-CABLE-27-SC	MAR-CABLE-27-BK
28 Ft.	MAR-CABLE-28-SC	MAR-CABLE-28-BK
29 Ft.	MAR-CABLE-29-SC	MAR-CABLE-29-BK
30 Ft.	MAR-CABLE-30-SC	MAR-CABLE-30-BK
32 Ft.	MAR-CABLE-32-SC	N/A
34 Ft.	MAR-CABLE-34-SC	N/A
36 Ft.	MAR-CABLE-36-SC	N/A
38 Ft.	MAR-CABLE-38-SC	N/A
40 Ft.	MAR-CABLE-40-SC	N/A



Rigging Components

Throttle and Shift Cable Ends

From time to time control cables need new ends. The following list provides a guide to selecting the correct one. The most current information can always be found using Parts Manager Pro™ Online through YMBS.

Control Cable Ends

Shift and Throttle Ends: ***703-48345-01-00***
Fastener for Cables Ends: ***93430-06024-00***



Engine Control Cable Ends



Four Stroke

MODEL	THROTTLE	SHIFT	FASTENER
F6, F/T8, F/T9.9(05~)	663-48344-00-00	663-48344-00-00	90468-18008-00 (Clip)
F/T9.9(~04)	6G8-26363-00-00	6G8-26363-00-00	6G8-26364-00-00 (Slide)
F15, F20, F/T25	663-48344-00-00	663-48344-00-00	90468-18008-00 (Clip)
F30 (01~), F40(00~)	67C-48344-10-00	67C-48344-10-00	90468-18008-00 (Clip)
F40(99), F/T50(~04)	6G8-26363-00-00	6G8-26363-00-00	90468-18008-00 (Clip)
F/T60(02~), F/T50(05~)	69W-48344-00-00	69W-48344-00-00	90468-18008-00 (Clip)
F75~F/L115	663-48344-00-00	663-48344-00-00	90468-18008-00 (Clip)
F/LF150~250	6E5-48344-00-00	6E5-48344-00-00	90468-18008-00 (Clip)

Two Stroke

MODEL	THROTTLE	SHIFT	FASTENER
9.9(96~), 15(96~)	663-48344-00-00	663-48344-00-00	90468-18008-00 (Clip)
6, 8, 9.9(~95), 15(~95)	682-48340-50-00*	682-48330-50-00*	See Note
25 2cyl., 25/30 3cyl.	6G8-26363-00-00	6G8-26363-00-00	6G8-26364-00-00 (Slide)
C25, C30, C40 2cyl.(89~)	648-48340-50-00*	648-48330-50-00*	See Note
40/50 (~94)	6H4-48344-00-00 (Elec) 663-48344-00-00 (Man)	6H4-48344-00-00	90468-18008-00 (Clip)
40/50 (95~)	6H4-48344-00-00 63D-48344-00-00(Man)	663-48344-00-00(Elec)	90468-18008-00 (Clip)
C403cyl.(97~02), C50	6H4-48344-00-00	663-48344-00-00	90468-18008-00 (Clip)
P50	6H4-48344-00-00	6H4-48344-00-00	90468-18008-00 (Clip)
P60 (~95)	663-48344-00-00	663-48344-00-00	90468-18008-00 (Clip)
60, P60(96~), C60, C70, 70(96~)	6H3-48344-00-00	663-48344-00-00	90468-18008-00 (Clip)
C55, C75, P75, C80, C85	663-48344-00-00	663-48344-00-00	90468-18008-00 (Clip)
70(~95)	663-48344-00-00	663-48344-00-00	90468-18008-00 (Clip)
90, B90, C90	663-48344-00-00	663-48344-00-00	90468-18008-00 (Clip)
S115~130(96~97) 115~200 (84~95)	6E5-48344-00-00	6E5-48344-00-00	90185-06062-00 (Nut)
115~130 (96~)	6E5-48344-00-00	6E5-48344-00-00	90185-06M07-00 (Nut) 90468-18008-00 (Clip)
D/DX 150	6E5-48344-00-00	6E5-48344-00-00	90468-18008-00 (Clip)
Z/LZ/VZ 150~300	6E5-48344-00-00	6E5-48344-00-00	90468-18008-00 (Clip)
S, L, SX, LX 150~250	6E5-48344-00-00	6E5-48344-00-00	90468-18008-00 (Clip)
150~200(96~), 225, 250	6E5-48344-00-00	6E5-48344-00-00	90468-18008-00 (Clip)
V6Spec/V6Excel	6E5-48344-00-00	6E5-48344-00-00	90468-18008-00 (Clip)
V/VX/150~250	6E5-48344-00-00	6E5-48344-00-00	90468-18008-00 (Clip)

Command Link Plus® Main Switches

Single Engine Main Station Switch

Yamaha's Command Link Plus key panels offer the latest in technology and durability, with a new ergonomic key design and new functionality. The single engine switch is the only Command Link Plus key switch to use the conventional key switch connector. Three position switch.

6X6-82570-31-00



Twin Engines Main Station Switch Kit

The Twin Engine Main Switch Kit offers the latest in technology energizing the ignition system of multiple outboards with only one key. Optional "All Start" switch can be added for additional convenience. *(Kit includes Main Switch Panel 6X6-82570-40-00 and Twin Start / Stop Panel 6X6-82570-60-00.)*

6X6-W0035-50-00



Triple Engines Main Station Switch Kit

The Triple Engine Main Switch Kit offers the latest in technology energizing the ignition system of multiple outboards with only one key. Optional "All Start" switch can be added for additional convenience. *(Kit includes Main Switch Panel 6X6-82570-50-00 and Triple Start / Stop Panel 6X6-82570-70-00.)*

6X6-W0035-60-00



Quad Engines Main Station Switch Kit

Yamaha's Command Link Plus key panels offer the latest in technology and durability, with a new ergonomic key design and new functionality. Four keyed alike switches help keep things simple and straight foward. *(Kit includes Key Switch Set 6X6-82570-M1-00, Lanyard Panel Assembly 6X6-82570-V0-00, Key Switch Harness 6X6-8258A-L0-00, and Stop Switch Harness 6X6-8258A-U0-00)*

MAR-QUAD1-KT-00



All Start / Stop Switch

Allows twin or triple engines to be started successively (to prevent high amperage draw on the starting battery) or stopped simultaneously with the touch of a single button. For convenience and protection, engines cannot be started while running. The All Start / Stop switch can be installed on the main station of triple or twin engine installations only.

6X6-82570-C0-00





Single Engine Second Station Switch Kit
Stylish and functional, Command Link Plus® second station switch kits allow the transfer of control between stations or starting and stopping the engine with the push of a button. *(Kit includes two station selector switches 6X6-82570-B0-00, Lanyard Panel Assembly 6X6-82570-90-00, and Start / Stop Switch 6X6-82570-80-00)*

6X6-W0035-70-00



Twin Engines Second Station Switch Kit
Stylish and functional, Command Link Plus® second station switch kits allow the transfer of control between stations or starting and stopping the engine with the push of a button. *(Kit includes two station selector switches 6X6-82570-B0-00, Lanyard Panel Assembly 6X6-82570-90-00, and Start / Stop Switch 6X6-82570-E0-00)*

6X6-W0035-80-00



Triple Engines Second Station Switch Kit
Stylish and functional, Command Link Plus® second station switch kits allow the transfer of control between stations or starting and stopping the engine with the push of a button. *(Kit includes two station selector switches 6X6-82570-B0-00, Lanyard Panel Assembly 6X6-82570-90-00, and Start / Stop Switch 6X6-82570-F0-00)*

6X6-W0035-90-00



Quad Engines Second Station Switch Kit
Stylish and functional, Command Link Plus® second station switch kits allow the transfer of control between stations or starting and stopping the engine with the push of a button. *(Kit includes two station selector switches 6X6-82570-L0-00, Lanyard Panel Assembly 6X6-82570-V0-00, Port Start / Stop Switch 6X6-82570-J0-00, and Starboard Start / Stop Switch 6X6-82570-K0-00)*

MAR-QUAD2-KT-00

Command Link® and Conventional Switch Panels



Triple Engine Switch Panel

Designed exclusively for Yamaha's Command Link Integrated Marine Information System. Features interchangeable keys and a single engine stop lanyard for added convenience. Compact size maximizes dash space, simplifies installation. *(Replacement Main Switch: 6X5-82510-01-00, Replacement Panel: 6X5-82571-00-00, Replacement Panel: 6X5-82571-00-00)*

6X5-82570-02-00



Command Link® Twin Engine Switch Panel

Designed to work exclusively with Command Link. Interchangeable keys add convenience, and a single engine stop lanyard cuts clutter. Compact size maximizes dash space, simplifies installation. *(Replacement Main Switch: 6Y8-82510-02-00, Replacement Panel: 6Y8-82571-01-00, Replacement Lanyard: 682-82556-00-00)*

6Y8-82570-02-00



Twin Engine Switch Panel

Push main switch to choke. With choke and engine warning buzzer. For use with conventional Yamaha rigging only. *(Replacement Main Switch: 6K1-82510-06-00, Replacement Panel: 6K1-82571-02-00, Replacement Lanyard: 682-82556-00-00)*

6K1-82570-10-00



Single Engine Switch Panel

Push main switch to choke. With choke switch and engine warning buzzer. For use with either Command Link or conventional Yamaha rigging. *(Replacement Main Switch: 704-82510-07-00, Replacement Panel: 704-82571-02-00, Replacement Lanyard: 682-82556-00-00)*

704-82570-10-00



F/T 9.9 Switch Panel Assembly

Includes ignition switch, stop switch and oil pressure lamp. Use with F/T9.9 remote control engines and conversions.

6G8-82570-04-00



Single Engine Switch Panel

Includes multi-connector to main harness, connectors for instrument harness, and engine stop lanyard switch. With bullet connectors for generic engine stop lanyard switch. *(Replacement Main Switch: 64D-82510-03-00, Replacement Panel: 64D-82571-00-00)*

Standard connecter: ***64D-82570-04-00***

With duplex connector: ***6X3-8257B-00-00***



Single Engine Key Switch Assembly

With duplex connector for use with 6X3 Flush Side Control. *(Replacement Main Switch: 64D-82510-03-00. If a panel is needed, use Single Main Switch on Panel 64D-82570-20-00.)*

6X3-8257B-00-00



Single Engine Key Switch Assembly

Main switch and lanyard used in the 704 single engine switch panel, but with out the panel. Perfect for custom boat installations. *(Replacement Main Switch: 704-82510-07-00, Replacement Lanyard: 682-82556-00-00)*

704-8257C-01-00



Lanyard Switch

An emergency stop switch without a panel. *(Replacement Lanyard: 682-82556-00-00)*

688-82575-01-00



Lanyard Panel

For use with duplex connector and main switch assembly. *(Replacement Lanyard: 682-82556-00-00)*

64D-82570-30-00



Triple Engine Command Link®
Second Station Switch Panel

Designed exclusively for Yamaha's Command Link Integrated Marine Information System. For use on second station only.

6X6-82570-20-00



Twin Engine Command Link®
Second Station Switch Panel

Designed exclusively for Yamaha's Command Link Integrated Marine Information System. For use on second station only.

6X6-82570-10-00



Twin Engine Conventional
Second Station Switch Panel

Designed exclusively for use with the Synchro Control System. For use on second station only.

6X1-82570-10-00



Single Engine Command Link®
Second Station Switch Panel

Designed exclusively for Yamaha's Command Link Integrated Marine Information System. For use on second station only.

6X6-82570-00-00



Single Engine Conventional
Second Station Switch Panel
Designed exclusively for use with the Synchro Control System. For use on second station only.
6X1-82570-00-00



Command Link® Station Selector Switch
Designed exclusively for Yamaha's Command Link® Integrated Marine Information System. This switch will not connect to a Command Link® Plus control box.
6X6-82570-A0-00



Command Link® Plus Station Selector Switch
Designed exclusively for Yamaha's Command Link Plus® Integrated Marine Information System. This switch will not connect to a Command Link® control box.
6X6-82570-B0-00

Replacement Keys and Caps

Replacement Keys and Key Caps

When a customer looses a key, Yamaha makes it easy for you to get them a new one. **If they have lost all their keys, just locate the key number off the main switch barrel.**





700 Series Keys

Key	Part Number	Key	Part Number
721	90890-56004-00	741	90890-56010-00
727	90890-56005-00	747	90890-56011-00
730	90890-56006-00	750	90890-56012-00
731	90890-56007-00	751	90890-56013-00
732	90890-56008-00	752	90890-56014-00
733	90890-56009-00	753	90890-56015-00



300 Series Keys

Key	Part Number	Key	Part Number
371	90890-55868-00	381	90890-55878-00
372	90890-55869-00	382	90890-55879-00
373	90890-55870-00	383	90890-55880-00
374	90890-55871-00	384	90890-55881-00
375	90890-55872-00	385	90890-55882-00
376	90890-55873-00	386	90890-55883-00
377	90890-55874-00	387	90890-55884-00
378	90890-55875-00	388	90890-55885-00
379	90890-55876-00	389	90890-55886-00
380	90890-55877-00	390	90890-55887-00



300 and 700 Series Key Replacement Cover

Key covers are weather resistant and branded with the Yamaha name. Replacement keys come without a cover.

703-82577-00-00

18 mm Replacement Switch Cap

Worn, damaged, or missing switch cap covers can allow moisture into the main switch and lead to ignition switch failure. For use with switches using the 300 and 700 series keys.

6K1-82532-00-00

400 Series Keys

Key	Part Number	Key	Part Number
451	90890-55820-00	461	90890-55830-00
452	90890-55821-00	462	90890-55831-00
453	90890-55822-00	463	90890-55832-00
454	90890-55823-00	464	90890-55833-00
455	90890-55824-00	465	90890-55834-00
456	90890-55825-00	466	90890-55835-00
457	90890-55826-00	467	90890-55836-00
458	90890-55827-00	468	90890-55837-00
459	90890-55828-00	469	90890-55838-00
460	90890-55829-00	470	90890-55839-00



800 Series Keys

Key	Part Number	Key	Part Number
821	90890-56016-00	841	90890-56022-00
827	90890-56017-00	847	90890-56023-00
830	90890-56018-00	850	90890-56024-00
831	90890-56019-00	851	90890-56025-00
832	90890-56020-00	852	90890-56026-00
833	90890-56021-00	853	90890-56027-00



400 and 800 Series Key Replacement Cover

Key covers are weather resistant and branded with the Yamaha name. Replacement keys come without a cover.

676-82577-00-00

15 mm Replacement Switch Cap

Worn, damaged, or missing switch cap covers can allow moisture into the main switch and lead to ignition switch failure. For use with switches using the 400 and 800 series keys.

703-82532-00-00



Electrical Components Index

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Command Link® and Command Link® Plus Harnesses



DEC (Digial Electronic Control) Main Harness

The DEC 16 pin main harness works for both Command Link® Plus (CLP) and the current Command Link® systems. The DEC main harness connects the engine to the main station control box. One per engine is required when rigging.

20 ft.- ***6X6-8258A-00-00***
23 ft.- ***6X6-8258A-10-00***
26 ft.- ***6X6-8258A-20-00***
33.5 ft.- ***6X6-8258A-30-00***
39 ft.- ***6X6-8258A-40-00***



Main Bus Harness

The Main Bus Harness is used in Command Link® (CL) and Command Link® Plus systems. The harness has one 6 pin connection on each end and is used to connect multi hubs into the network.

1 ft.- ***6Y8-82553-01-00***
10 ft.- ***6Y8-82553-50-00***
15 ft.- ***6Y8-82553-11-00***
20 ft.- ***6Y8-82553-21-00***
25 ft.- ***6Y8-82553-31-00***
30 ft.- ***6Y8-82553-41-00***



Pigtail Bus Harness

The Pigtail Harness is used in Command Link® and Command Link® Plus systems. The harness has one 4 pin connection on each end and is used to connect gauges and other items into the network.

1 ft.- ***6Y8-82521-01-00***
2 ft.- ***6Y8-82521-11-00***
3 ft.- ***6Y8-82521-21-00***
6 ft.- ***6Y8-82521-31-00***
9 ft.- ***6Y8-82521-41-00***
12 ft.- ***6Y8-82521-51-00***



8 ft. Power Lead Harness

The 8 ft. Power Lead Harness connects power from the key switch to the multi hub for gauges and other components. The harness is used in Command Link and Command Link Plus systems.

6Y8-83553-01-00



Multi-Hub Assembly

The Multi-Hub is used in both Command Link and Command Link Plus system to allow devices to connect into the network with 1 power supply connector, 2 main BUS connectors, and 3 device connectors.

6Y8-81920-01-00

In-Line Hub Assembly
The In-Line hub is used in both Command Link and Command Link Plus system. The hub works great with the Multisensor or in a simple Command Link installation. Connects a pig tale harness to a main bus harness.

6Y8-81920-11-00



Grey Main Bus Connection Cap with Resistor
During the installation and rigging process, the number of multi-hubs required may result in unused connector positions. One resistor cap is included with a multi-hub assembly.

6Y8-85371-01-00



Red Power 2 Pin Connection Cap
During the installation and rigging process, the number of multi-hubs required may result in unused connector positions. In most installations only one multi-hub will have a used power connection. The rest will require a protective cap.

6Y8-82582-01-00



White Pigtail 4 Pin Connection Cap
During the installation and rigging process, the number of multi-hubs required may result in unused connector positions. The 4 pin cap covers any unused device ports on the multi-hub

6Y8-82582-11-00



Command Link Plus Second Station Primary Harness
The CLP second station primary harness connects the main station control box with the second station control with the help of a secondary harness. The primary harness has one 6 pin connector, one 4 pin connector, and one 3 pin connector on each end. One second station primary harness is required per engine when rigging a second station. For use with CLP control boxes.

16 ft.- ***6X6-8258A-G1-00***
26 ft.- ***6X6-8258A-H1-00***
40 ft.- ***6X6-8258A-J1-00***



Electrical Components



Command Link 2nd Station Main Harness
The DEC second station main harness connects the main station control box with the second station control with the help of a secondary harness. The second station main harness as one 6 pin, one 4 pin, and one 3 pin connections on each end. One second station primary harness is required per engine when rigging a second station. For use with current Command Link® controls ONLY because of a different style 3 pin connector. Because of the different 3 pin connector, an adaptor harness will be required when a CLP main station is connected to a current Command Link® second station.

16 ft.- ***6X6-8258A-A1-00*** 40 ft.- ***6X6-8258A-E1-00***
26 ft.- ***6X6-8258A-C1-00***



DEC 2nd Station Secondary Harness
The DEC second station primary harness connects the main station control box with the second station control with the primary harness. The secondary harness has one 12 pin connector on the main station side and one 2 pin connection on the second station side. One second station secondary harness is required per engine when rigging a second station. For use with CLP and current Command Link® controls.

16 ft.- ***6X6-8258A-B1-00*** 40 ft.- ***6X6-8258A-F1-00***
26 ft.- ***6X6-8258A-D1-00***



Quad Second Station Harness
The Quad second station harness connects the main station control box with the second station control with the help of the primary and secondary harness. The Quad second station harness has two 12 pin connectors on the main station side and two 3 pin connectors on the second station side. One Quad second station harness is required along with two CLP primary and two secondary harnesses when rigging a second station. For use with CLP only.

16 ft.- ***6X6-8258A-R0-00*** 40 ft.- ***6X6-8258A-T0-00***
26 ft.- ***6X6-8258A-S0-00***



Second Station Primary Harness Adaptor
The CLP and original DEC second station controls use a different style 3 pin connector on the primary harness. The adaptor harness will allow the use of a CLP control box for the main station and an original DEC control on the second stations. Perfect for the customer looking to re-power.

6X6-8258A-K0-00

CLP AGI / Gateway Harness
The .3 ft. harness connects a Pigtail Harness to either the AGI or a Gateway. The harness has a wrap of green tape and a male 6 pin at one end with a female 4 pin at the other.

6Y9-83553-50-00



CLP Multisensor Harness
The Multisensor harness has a female 6 pin connector on one end and a male connector on the other. The .7 ft. harness connects a Pigtail Harness to the Multisensor and has a wrap of yellow tape.

6Y9-83553-60-00



CLP Display Harness
The Command Link Plus Display Harness has a 6 pin male connection on one end and a 4 pin female connection on the other. The .5 ft. harness connects a Pigtail Harness to the Command Link Plus Display and has a wrap of black tape in the middle.

6Y9-83553-40-00



Main Bus Y Harness
The Main Bus Y Harness connects the 6 pin control box lead into two main bus harnesses. This harness is used in installations with a CLP Display, Multisensor, and two stations. Please see appropriate diagram for more details.

6Y9-83553-10-00



CLP Main Bus Adaptor Harness
The adaptor harness connects the 6 pin control box lead to a main bus harness. This harness is used in installations with a CLP Display and has a 6 pin connection each end. Please see appropriate diagram for more information.

6Y9-83553-00-00



GPS Harness for CLP
The Fuel Harness allows the vessel fuel information to be used with the Command Link® Plus Display.

6Y9-8356N-01-00



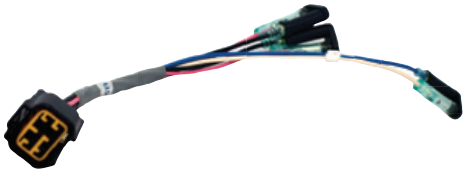
Fuel Harness for CLP
The GPS Harness allows the GPS speed information from a GPS unit to be used with the Command Link® Plus Display.

6Y9-8356N-10-00



GPS / Fuel Harness for CL
The GPS / Fuel Harness allows the speed of the vessel from a GPS and the fuel system information from the vessel to be used with the Command Link® system.

6Y8-8356N-01-00





Main Station Key Switch Adaptor Harness
The Main Station Key Switch Adaptor Harness allows the use of a current key switch with a Command Link® Plus control box. One harness is required per key switch, except single engine installations.

6X6-8258A-L0-00



Single 2nd Station Key Switch Adaptor Harness
The adaptor harness allows the use of a current key switch with a Command Link® Plus control box. One harness is required per installation.

6X6-8258A-M0-00



Twin 2nd Station Key Switch Adaptor Harness
The adaptor harness allows the use of a current key switch with a Command Link Plus control box. One harness is required per installation.

6X6-8258A-N0-00



Triple 2nd Station Key Switch Adaptor Harness
The adaptor harness allows the use of a current key switch with a Command Link® Plus control box. One harness is required per installation.

6X6-8258A-P0-00



6X7 Flush Mount Key Switch Extension Harness
Used to connect main key switch that would otherwise be too far away for the control box connector to reach.

6X7-82590-30-00

Command Link® and Command Link® Plus Accessories

Y-COP®

The Electronic Control Module disables the ignition system via an operator controlled key fob. When the operator wishes to use the outboard, a simple command via the wireless key fob activates the ignition system. Two water resistant key fobs are provided with each system. The Y-COP Immobilizer system will become available for other Yamaha outboards in the future. *(Replacement Remote: 6AA-86261-21-00, Replacement Unit: 6Y8-86260-10-00, Replacement Decal: 6Y8-48277-00-00)*

6Y8-W0035-82-00



The optional Y-COP Immobilizer System is compatible with the following Yamaha Outboards:

F350 w/COMMAND LINK PLUS capability	F115 (from April 2010)
V6 OFFSHORE F300, F250 and F225 Models	F90/F75 (from April 2009)
F70	F60/50 (from April 2009)
F40 (from October 2008)	

Y-COP® CL Key Switch Harness for Twin and Triple Engine Installations

The harness has three one pin connectors to tie Y-COP into the key switches. Photo not available.

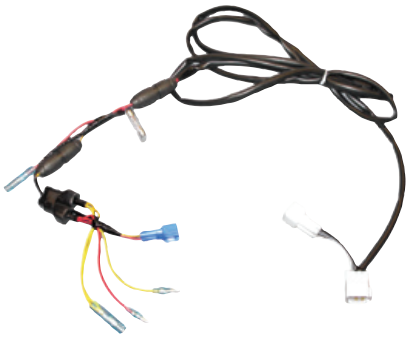
6H5-81315-00-00



Y-COP Harness for Multiple Engine Installations

The harness connects to the Key Switches, Power Supply, the Y-COP, and a Pigtail Bus Harness. This harness is required when using Y-COP in twin and triple installations with the new CLP key switches.

6Y8-81315-00-00



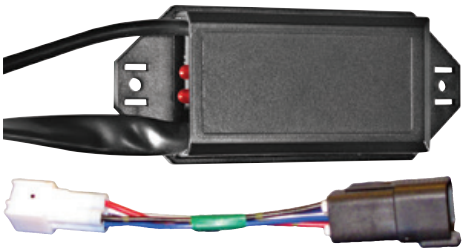
Power Y Harness for CLP

The Power Y Harness connects the 8 ft. Power Lead to two multi hub assemblies for use with the new CLP Display and CL gauges. Please see appropriate diagram for more details.

6Y9-83553-20-00



Electrical Components



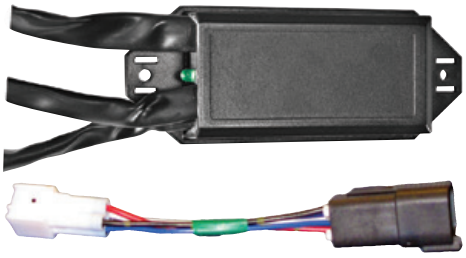
Command Link Plus Gateway
Yamaha's Gateways allow certain engine and boat data to be displayed on NMEA-2000® compatible displays that are external to the Yamaha system. The Command Link Plus Gateway is only for installation with a Command Link Plus network. (*Kit Includes unit 6Y9-8A2D0-00-00 and adaptor harness 6Y9-83553-50-00)*

MAR-GTWAY-KT-00



Command Link Gateway
Yamaha's Gateways allow certain engine and boat data to be displayed on NMEA-2000® compatible displays that are external to the Yamaha system. The Command Link Gateway is only for installation with a Command Link network, such as those found with mechanical controls and/or Command Link Gauges.

MAR-GTWAY-ML-09



Command Link Plus Analog Gauge Interface
The Analog Gauge Interface, or AGI, allows Command Link® Plus or Command Link® equipped boats to display selected engine and boat performance data on analog gauges, be they Yamaha or those of most aftermarket manufacturers. The Command Link Plus AGI is only for installation with a Command Link Plus network. (*Kit Includes unit 6Y9-8A2D0-10-00 and adaptor harness 6Y9-83553-50-00)*

MAR-AGI10-KT-00



Command Link Analog Gauge Interface
The Analog Gauge Interface, or AGI, allows Command Link® Plus or Command Link® equipped boats to display selected engine and boat performance data on analog gauges, be they Yamaha or those of most aftermarket manufacturers. The Command Link AGI is only for single engine applications with a Command Link network, such as those found with mechcanial controls and/or Command Link Gauges.

MAR-ANLGI-NT-08



Command Link® Auto Trim Tab Retractor Interface
The trim tab retractor interface provides up to two engine analog tachometer outputs needed for some automatic trim tab retractors.

MAR-6X6DA-C0-00

Command Link Plus Multisensor

The multisensor is utilized to provide water depth, water temperature, and water speed information to the Command Link Plus display. This multisensor was developed specifically for the Command Link® Plus and has only one plug to power the unit and send signals to the ECU. It is powered through the Command Link Plus network. *(Kit Includes: InLine Hub 6Y8-81920-11-00,1 ft. Pig Tail Harness 6Y8-82521-01-00, Adaptor Harness 6Y9-83553-60-00, Multisensor 6Y9-83688-00-00)*

MAR-3DCER-KT-00



Command Link Multisensor

The multisensor is utilized to provide water depth, water temperature, and water speed information to the Command Link gauges. This multisensor was developed specifically for the Command Link® systems and has only one plug to power the unit and send signals to the ECU. The plug from the multisensor will not plug directly into the hub and requires a bus harness to plug it into the hub. It is powered through the Command Link® harness. The multisensor is available in three configurations:

Transom Mounted: ***6Y8-83688-01-00***
Plastic Thru-hull: ***6Y8-83688-11-00***
Bronze Thru-hull: ***6Y8-83688-20-00***



Electronic Cooling Water Pressure Sensor

The water pressure sensor kit taps into the engine block's cooling passage and converts the pressure readings to an electrical signal that is sent to the engines' ECU. The ECU can then display this data on the tachometer. This sensor kit is optional for Command Link® Plus and Command Link®, and there are two types depending on model of the engine. These sensors plug into harness leads that are part of the engine's wiring harness. V8 engines come standard with a cooling water pressure sensor. *(Replacement sensor: 6AW-8366B-00-00)*

Kit for F40-F115 and HPDI: ***60V-8A4L0-12-00***

Kit for F150-F250, VMAX SHO®, and 4.2L Offshore: ***69J-8A4L0-11-00***



Thermostat Cover for VMAX SHO®

Allows the installation of sensor kit 60V-8A4L0-11-00 on VMAX SHO® engines.

6CB-1241B-01-00





Electronic Speed Sensor
The speed sensor converts the water pressure from the lower units' pitot tube to a digital signal inside the engines ECU. The ECU then displays the speed on the speedometer. The kit contains all of the components necessary to connect the sensor to the pitot hose coming from the lower unit and one kit fits all. V8 outboards do not have speedo tube required for connection to this sensor. *(Replacement Sensor: 6AW-8366B-00-00)*

60V-8A4L1-11-00



Display Cover for Command Link® Plus Display
Protect your CLP display with this stylish and durable cover.

6Y9-87278-00-00

Conventional Harnesses



Main Harness

The main harness is used to connect the engine to the electrical part of conventional controls. Available in both 7 Pin and 10 Pin configurations. 7 Pin harnesses do not contain the wires for power trim and tilt.

7 Pin 16.4 ft.- ***688-82586-50-00***
10 Pin 16.4 ft.- ***688-8258A-50-00***
10 Pin 19.7 ft.- ***688-8258A-60-00***
10 Pin 23 ft.- ***688-8258A-70-00***
10 Pin 26.6 ft.- ***6K1-8258A-40-00***
10 Pin 31.2 ft.- ***61B-8258A-01-00***



Main Harness Extension

The harness extension is used to connect the engine to the main harness, perfect for those special applications.

7 Pin 6.6 ft. ***688-82586-11-00***
10 Pin 6.6 ft. ***688-8258A-10-00***
10 Pin 9.8 ft. ***688-8258A-30-00***



703 Control Box Main Harness

The replacement main harness for the 703 control box has the standard engine connection on one end and bullet connectors on the other. Both the 7 and 10 pin harnesses are 16 feet in length.

7 Pin ***688-82586-21-00***
10 Pin ***688-8258A-20-00***



Dual Fuse Gauge Harness

Used to connect conventional gauges to key one power, battery positive, and other important sources.

6Y5-83553-N0-00

Electrical Components



7 to 10 Pin Adaptor Harness
The 7-10 Pin harness is used to connect 7 Pin engines to 10 Pin main harnesses. 1.6 ft.

703-8258A-00-00



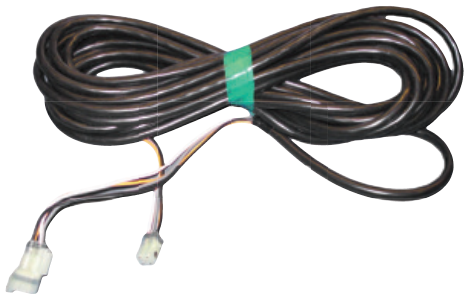
2005 and Later Trim and Oil Harness
Used on outboards to transfer information to conventional gauges. One white 4 pin connection on each end.

16.4 ft.- ***6Y5-83653-00-00***
19.7 ft.- ***6Y5-83653-10-00***
23 ft.- ***6Y5-83653-20-00***
26.3 ft.- ***6Y5-83653-30-00***
30 ft.- ***6Y5-83653-40-00***
35 ft.- ***6Y5-83653-50-00***



2004 and Prior Trim and Oil Harness
Used on outboards to transfer information to conventional gauges. Two white 4 pin connection on each end.

16.4 ft.- ***68F-82553-50-00***
20ft.- ***68F-82553-60-00***
23 ft.- ***68F-82553-70-00***
26.3 ft.- ***68F-82553-80-00***
31.2 ft.- ***68F-82553-90-00***
32.8 ft.- ***68F-82553-A0-00***



Trim Harness
Used to transfer the trim signal to aftermarket gauges on 2004 and prior outboards. One white 4 pin connection on each end.

3.8 ft.- ***6R3-82553-30-00***
16.4 ft.- ***6R3-82553-50-00***
23 ft.- ***6R3-82553-70-00***
26.3 ft.- ***6R3-82553-80-00***
31.2 ft.- ***6R3-82553-90-00***



Oil Tank Harness
Used on two stroke outboards to connect the remote oil tank with one blue 4 pin connection on each end.

9.8 ft.- ***6R3-85721-30-00***
16.4 ft.- ***6R3-85721-50-00***
26.3 ft.- ***6R3-85721-80-00***

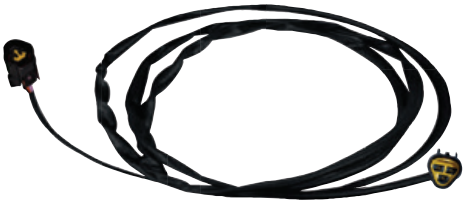
Fuel Management Harness
Multifunction gauge to fuel flow sender and tank sender. Can connect up to two fuel flow senders.

16.4 ft.- ***6Y5-83553-F0-00***
26 ft.- **6Y5-83553-F1-00**



Fuel Flow Sender to Wire Harness Extension
Installs between a fuel sender and the fuel sender harness to accommodate longer runs. 9.8 ft.

6X1-82531-00-00



Wire Extensions Bullet Connector
If more than one instrument is used, additional jumpers will be required. These are available color coded to match the gauge harness. 1 foot in length and available in black, blue, and yellow.

Black: ***6Y5-82117-00-00*** Yellow: ***6Y5-82521-00-00***
Blue: ***6Y5-82149-00-00***



2 Pin Connector to Bullet Connector Adaptor
For use on 64D stop lanyard

Female 2 Pin to 2 Male Bullet Connectors: ***6X3-81971-00-00***

Male 2 Pin Connector to 2 Female connectors: ***6X3-81971-10-00***



Multifunction to GPS Harness
Connects the multifunction speedometer to a GPS input.

6Y5-87122-S0-00



Tachometer Harness
For applications with no remote control or a 701 control box. 16.4 ft.

6Y5-83553-10-00



Extension Harness for remote mount PTT Switch
Three lead bullet connector extension 6.6 ft.

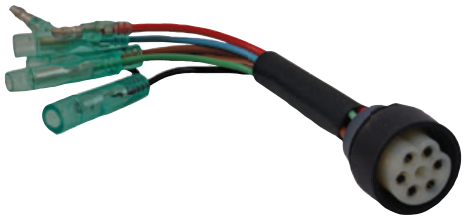
6H5-82553-00-00



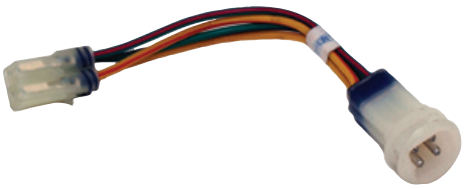
Electrical Components



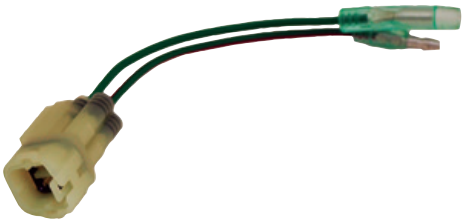
Yamaha Main Harness to Aftermarket Control Box Connector
The sub harness is used to connect the 10 pin harness to an aftermarket control box. It includes the connections for PTT and naturally safety switch.
704-82541-10-00



Aftermarket Main Harness to Yamaha Control Connector
This harness connects an aftermarket main harness to a 704 control box.
704-85721-00-00



Trim and Oil Adapter Harness Round Female to Square Male
Used to adapt 1993 and older trim and oil harness, tachometers, and engines to the newer square style connections used from 1994~2004.
6E5-82541-10-00



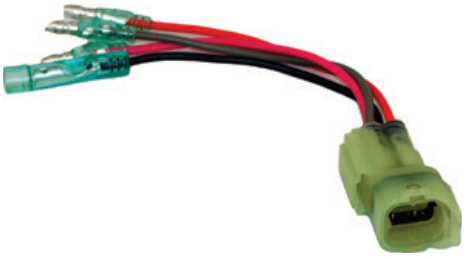
Adapter Harness Trim and Oil Square Female to 2 Bullet Connectors
Used on ~1993 engines less than 115 HP to connect the trim signal to a 1994~2004 harness.
6H0-82541-00-00



Adapter Harness Trim and Oil Square Male to 2 Bullet Connectors
Used on 1994~2004 engines less than 115 HP to connect the trim signal to a ~1993 harness.
6H0-82541-10-00



Trim Adapter Harness Square Male to Bullet Connectors
Used on ~1993 engines except 250 HP to connect the trim signal to a 1994~2004 harness.
6N7-82541-00-00



Trim Adapter Harness Square Female to Bullet Connectors
Used on 1994~2004 engines to connect the trim signal to a 1993~ harness except for ~1993 250 HP boat harness.
6N7-82541-10-00

Oil Tank Adapter Harness Square Female to Round Male
Used on 2 stroke engines with an in boat tank to connect the Trim and Oil Harness and oil tank harness.

6R3-82541-00-00



Oil Tank Adapter Harness Square Male to Round Female
Used on 2 stroke engines with an in boat tank to connect the Trim and Oil Harness and oil tank harness.

6R3-82541-10-00



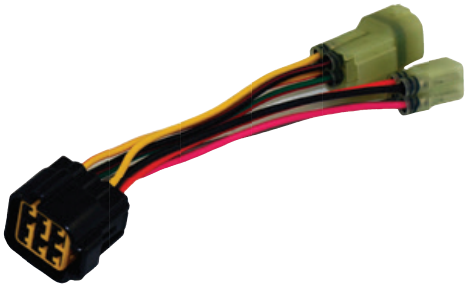
250 HP Boat Harness Adapter with Male 9 Pin Plug
Used to connect 1994~2004 engines to connect to a ~1993 250 HP boat harness.

61A-82541-10-00



~1993 250 HP Adapter Harness with Female 9 Pin Plug
Used to connect ~1993 250 HP engines to a 1994~2004 trim and oil harness.

61A-82541-00-00



Tachometer Adapter Harness
Adapter for one lead tach (-90) to 2004 and prior engines

6Y5-85335-10-00



Tachometer Adapter Harness
Adapter for two lead Tach (-82) to 2005 and later engines

6Y5-85335-00-00



2 Stroke Oil Indicator Light Relay
Used to connect 2 Stroke engines without a boat mounted oil take to an analog tachometer with 2 Stroke oil indicator lights.

6Y5-81950-92-00



Conventional Accessories





Yamaha Engine Meters
To help you maintain your generator at proper service intervals, the intervals are pre-programmed into this meter (10 hours initial, every 50 hours thereafter). Upon reaching the specified service interval, the meter displays a flash alert for a two-hour period.

Deluxe Hour Meter (Hour Meter Only): ***ENG-METER-2C-01***
Deluxe Hour Meter & Tachometer: ***ENG-METER-4C-01***



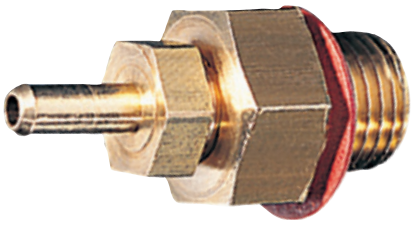
Water Temperature Sender
Two wire sender for cooling water temperature gauges.

688-83591-00-00



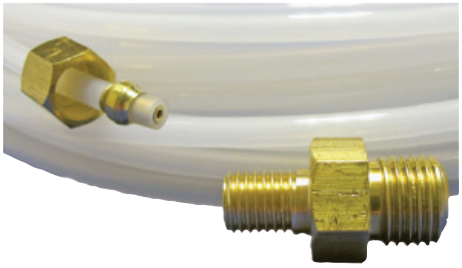
Fuel Flow Sensor
Replacement sensor for use with Yamaha's fuel management and speed / fuel gauges.

6Y5-85752-02-00



Water Pressure Adaptor
Provides most Yamaha Outboards a water-jacket tap with a hose barb to adapt aftermarket pressure gauges which use a 1/8″ ID (3/16″ OD) hose.

MAR-WPRES-AD-TR



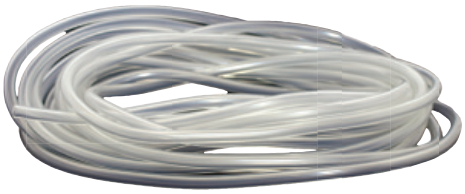
Water Pressure Sender
Includes water jacket tap, hose, and nuts for installation on most Yamaha Outboards. *(Replacement Ferrule and Nut 663-83668-00-00, Replacement Gasket 90430-14115-00)*

688-83667-00-00



Speedometer Pickup Sender
The speedometer pick up can assist in high-performace applications, where the engine is mounted at elevated levels, or with the Yamaha V8 outboards without a speed pick up in the lower unit.

688-83556-00-00



Speedometer Tubing
For connecting analog signal speedometers to the speed pick up.

30' length: ***6Y5-83557-10-00***
300' length: ***6Y5-83557-40-00***



Water Pressure Dampener
Installing the water pressure damper between the gauge and water tube is recommended when the pointer of analog gauge is wiggled if water pressure pulsates or to reduce a risk if water has leaked at connector end causing the gauge damage.

6Y5-83728-00-00



Waterproof Plug
Fits ~2004 trim and oil harnesses when connecting to 2005~ engines.

6R8-82582-00-00

Charging, Starting, and Battery Cables



Rectifier Kit
For manual start models with a lighting coil. May require additional parts: Mounting Plate 677-81975-00-00, Washer 92990-06600-00, Bolt 985800-5525-00, and Bolt 98580-05525-00.

676-81970-01-00



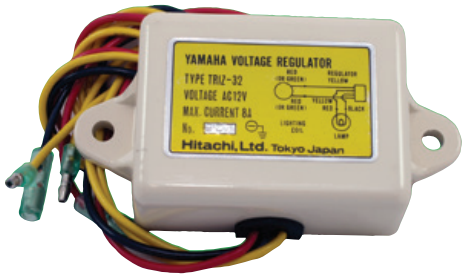
F6 / F4 Charge Kit
Allows the customer to have voltage output from the engine. For use on current F4 and F6 engines.

6BX-W8130-A0-00



Lighting Coil Extention Harness
Allows regulators and rectifiers to be mounted outside of the cowl in cases where electrical parts or portable engines may need to be removed for storage.

682-84380-00-00



Voltage Regulator
Regulates engine lighting coil voltage. Requires use of a rectifier if used to charge a battery.

663-81910-10-00



2 Stroke 6, 8 HP Electric Start Kit
Convert a manual start engine into electric start. If the engine flywheel does not have teeth, an electric start flywheel will also need to be purchased.

6G1-W0086-80-00

4 Stroke F6 (~04/06)*, F8, F9.9 (04/08~) Electric Start Kit

Convert a manual start engine into electric start. F6 will require additional parts listed below. (Installation manual 68T-2819K-11-00 is also available separately.)

68R-W8180-11-00

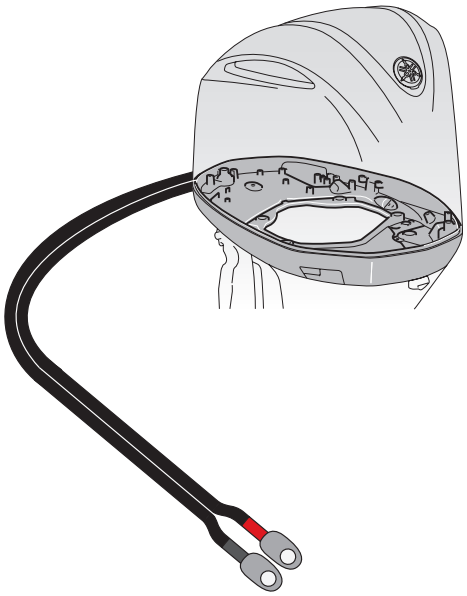


* Requires additional parts listed below.

QTY	Description	Part Number
1	Starter Motor Bracket	68T-81822-01-94
2	Bolt	97013-08055-00
3	Washer	92990-08600-00
1	Bolt	97014-08040-00
1	Clamp	90465-10098-00
1	Clamp	90465-08M99-00
1	Bolt	97080-06012-00
1	Washer	92990-06600-00

Battery Engine Cables

Used to connect Yamaha Outboards to 12 V batteries.



2 Stroke Battery Cables			4 Stroke Battery Cables		
40-50	7.3ft.	63D-82105-J0-00	F50-F60	7.3 ft.	6C5-82105-U0-00
60,70, 90	7.8 ft.	6H0-82105-J1-00	F75-F115	9.3 ft.	68V-82105-J0-00
115	9.4 ft.	6R3-82105-J1-00	F150	8.6 ft.	63P-82105-00-00
V6 Carb	8.5 ft.	64D-82105-00-00	F200/F225*	11.2 ft.	69J-82105-00-00
V6 EFI	8.7 ft.	67H-82105-00-00	F250*	11.2 ft.	6P2-82105-00-00
2.6L HPDI	8.6 ft.	68F-82105-00-00	V8	11.5 ft.	6AW-82105-00-00
3.3L Z	11.2 ft.	60V-82105-00-00	4.2L V6	11.5 ft.	6CB-82105-00-00
3.3L VZ	8.1 ft.	60X-82105-00-00			

** Except 4.2L V6 Models*

Battery Isolator Leads

With 50A Circuit Protection 13.5 ft. ***MAR-69JIS-0L-ED***

Without Circuit Protection 12 ft. ***69J-81949-02-00***

4.2 L 100A Circuit Protection 14 ft: ***MAR-6CEIS-0L-ED***

4.2L without Circuit Protection: ***6CE-81949-00-00***



Switches and Indicators



Pull Style Light Switch
Two position, On - Off switch with a classic look.

688-82520-00-00



On - Off Toggle Switch
Two position toggle switch with protective cover.

688-82526-00-00



Remote Mount Trim Switch
Place trim/tilt functions right where you want them. Connects easily to main harness using the leads provided.

688-82563-10-00

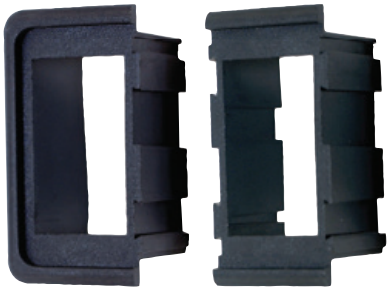


Rocker Switches
These high quality attractive switches are great for adding additional components to a customer's rig.

Switch Type	Part Number
Blower	*GU1-U8022-00-00*
Lights	*GU1-U8029-00-00*
Horn	*GU1-U8011-00-00*
Accessory	*F0K-U8090-00-00*
Bilge Pump	*GU1-U8012-00-00*
Stereo	*F0K-U8353-00-00*

Rocker Switch Installation Plates
These installation plates can help ease the installation of new rocker switches where old dash components were removed. They also add an element of professionalism to any installation.

Middle Plate: ***GP1-U8572-00-00***
End Plate: ***GP1-U8571-00-00***



Indicator Lamp
A durable red lamp with many useful purposes. Two lead connection.

663-84301-01-00



Lamp Panel Assembly
For use with Oil Lamp Panel Assembly T9.9ELR or for use as a warning visual indicator. Has a yellow / red lead for positive voltage and a black lead for negative voltage.

6G8-83530-00-00



12 Volt Accessory Socket
Great for customers who like to use electronic gadgets or charge their cell phone on the water.

F0K-U8284-00-00



Wire Connections and Circuit Protection

The wire connectors listed below are available through Marine Rigging and Parts. For a complete wiring kit, contact K&L tools at 1-800-708-3184.



Spade Connectors

Type	Size	Part Number	Minimum Order Qty.
Male	2.8 mm	90890-05199-00	10
Female	2.8 mm	90890-05200-00	10
Male	6.3 mm	90890-05201-00	10
Female	6.3 mm	90890-05202-00	10



Bullet Connectors

Type	Sockets	Part Number	Minimum Order Qty.
Male	1	90890-05159-00	10
Female	1	90890-05160-00	10
Female	2	90890-05205-00	10



Eye Connectors

Size	Part Number	Minimum Order Qty.
3 mm	90890-05208-00	10
4 mm	90890-05207-00	10
6 mm	90890-05209-00	10
8 mm	90890-05210-00	10



Insulators

Type	Part Number	Minimum Order Qty.
Male Bullet	90890-05161-00	10
Female Bullet	90890-05162-00	10
Twin Female Bullet	90890-05206-00	10



Miscellaneous Connectors

Type	Part Number	Minimum Order Qty.
Butt connector	90890-05211-00	10
50 Pack Male Terminal Pins	9E2-12113-03-00	1
50 Pack Female Terminal Pins	9E4-70024-13-00	1
Terminal Pick Tool	90890-05361-00	1

The fuses and breakers listed here are for reference only. Always refer to PartsManager Pro™ for the correct protection for your engine application.

Standard Blade Fuses

Amps	Part Number	Minimum Order Qty.
3	5FU-82151-00-00	1
5	1NL-82151-00-00	10
7.5	2KW-82151-00-00	1
10	42X-82151-00-00	1
15	36Y-82151-00-00	1
20	2GV-82151-00-00	10
30	1AE-82151-00-00	1
40	5EA-82151-00-00	1



Mini Blade Fuses

Amps	Part Number	Minimum Order Qty.
2	5JJ-82151-80-00	1
3	67F-82151-30-00	1
4	5JJ-82151-40-00	1
5	67F-82151-20-00	1
7.5	5JJ-82151-00-00	1
10	67F-82151-40-00	1
15	67F-82151-50-00	1
20	5JJ-82151-20-00	1
25	5JJ-82151-70-00	1
30	5JJ-82151-60-00	1



30 mm Glass Fuses

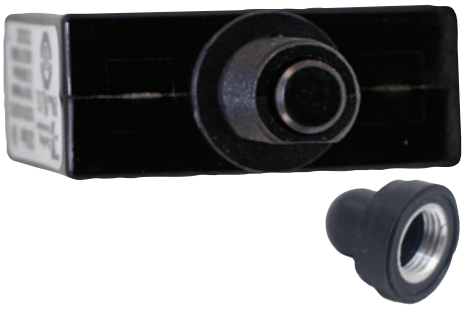
Amps	Part Number	Minimum Order Qty.
5	5G2-82151-00-00	10
10	1E6-82151-00-00	1
15	1UY-82151-00-00	1
20	682-82151-00-00	1
30	705-82151-00-00	1



20 mm Glass Fuses

Amps	Part Number	Minimum Order Qty.
7	27V-82151-00-00	10
10	1A0-82151-00-00	1
30	2H7-82151-00-00	10





Breakers

Amp Rating	Part Number
3 amp	F1C-U8348-10-00
4 amp	F1C-U8348-20-00
5 amp	F1C-U8348-00-00
10 amp	F1C-U8348-30-00
Cover for Breaker (Screw on)	F0R-U8188-10-00

(Insulated cover shown is sold separately.)



Fuse Cartridges

Amps	Part Number	Minimum Order Qty.
50	63P-82151-00-00	1
60	6P2-82151-00-00	1
80	61A-82151-00-00	1
100	6CE-82151-00-00	1

Notes:

Engine Accessories Index

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Fuel System Components



10-Micron Fuel/Water Separating Filter
They are a primary line of defense against ethanol-related fuel system issues. Highly recommended for all two stroke and four stroke EFI outboards and two stroke HPDIs. Also excellent for carbureted engines. New, improved 10-micron filter provides superior filtration ahead of the engine's onboard filters and injectors. Large filtering and water capture areas maximize filtration while maintaining adequate flow rate for larger engines.

Assemblies

Assembly Stainless Steel Head ***MAR-SPRTR-HD-SS***
Assembly Stainless Steel Head 3/8" Fittings ***MAR-SPRHD-38-SS***
Assembly Aluminum Head ***MAR-SEPAR-AT-OR***

Elements

Spin-On Filter Only ***MAR-FUELF-IL-TR***
Bulk pack of 12 ***MAR-FUELF-LT-12***

Filter Heads

Aluminum Filter Head 12 Pack ***MAR-FLTHD-AL-12***
Stainless Steel Filter Head 12 Pack ***MAR-FLTHD-SS-12***
Stainless Steel Filter Head 3/8" Fittings 12 Pack ***MAR-FHDSS-38-12***

mini-10™

Assembly Aluminum Head ***MAR-MINIF-LT-AS***
Spin-On Filter only ***MAR-MINIF-IL-TR***



Yamaha Remote Filter
Assembly includes aluminum mounting head, spin-on element, metal bowl, and water sensor probe. Requires Yamaha Multifunction Fuel Management Gauge for water detection indication.

Assemblies

60 GPH with water sensor ***MAR-24560-00-00***
90 GPH with water sensor ***MAR-24590-00-00***
90 GPH clear bowl without water sensor ***MAR-SEPAR-AC-LR****

Elements

60 GPH ***MAR-24563-00-00***
90 GPH ***MAR-10171-20-00***

Filter Bowls

Clear Bowl without water probe ***MAR-REPLB-OW-L1****
Clear bowl with water probe ***MAR-REPLB-OW-L2****
Replacement Water Probe ***MAR-10171-30-00***

** For above deck use only*



Portable Gas Tank
Meets Environmental Protection Agency (EPA) regulations that became effective January 1, 2011.

25 Liter (6.6 gallon) ***6YK-24201-42-00***
12 Liter (3.1 gallon) ***6YL-24201-22-00***



Replacement Fuel Tank Parts for New Style Tank

Filler Cap with Gasket ***6YL-24610-10-00***
Filler Cap Gasket Only ***6YL-24641-10-00***
Filler Cap Lock Ring ***6YL-24629-00-00***



Replacement Fuel Tank Parts for Conventional Fuel Tank

Filler Cap Gasket for both 6.6 and 3.1 Gallon Tanks ***MAR-COMBI-GS-KT***
Pick Assembly for 3.1 Gallon Tank ***97951-24261-00***
Pick Assembly for 6.6 Gallon Tank ***97951-24262-00***



Scepter ECO® Gas Cans
Rustproof, unbreakable, non-corroding, with spill-proof spout that automatically shuts off when tank is full. UL listed. Meets CARB requirements.

5 Gallon Can ***MAR-CARBC-FC-05***
5 Gallon "Jerry Can" ***MAR-CARBC-FC-JC***
2.5 Gallon Can ***MAR-CARBC-FC-25***
Replacement spout ***MAR-CARBC-FC-SP***



Yamaha Fuel Line Assemblies

Fuel line built to last. Your engine doesn't run without fuel, so make sure it has a steady supply. Yamaha's fuel line is built to strict standards and meets EPA regulations.

Inside Diameter	Engine Side Connection	Tank Side Connection	Length	Part Number
8mm	Conventional	Conventional	9.8 ft	6YK-24306-63-00
6mm	Conventional	Conventional	9.5 ft	6YL-24306-63-00
8mm	New Round	New Round		6YK-24306-73-00
6mm	New Round	New Round		6YL-24306-70-00
8mm	New Round	Conventional		6YK-24306-68-00



Yamaha Fuel Line

Fuel line only. Primer bulb and connections are not included. Yamaha's fuel line is built to strict standards and meets EPA regulations.

Application	Length	Part Number
F150	3.5ft	63P-24316-20-00
F200, F225	3.5ft	6P2-24314-10-00
F75, F90, F115	4.3ft	90445-13015-00
115, V150, HPDI	8.9ft	90445-13016-00



Fuel Line Connections

Connection Description	Style	6mm Part Number	8mm Part Number
Hose Mounted	New Round	6YL-24305-01-00	6YK-24305-01-00
Engine Mounted	New Round	6YL-24304-01-00	N/A
Hose Mounted Tank Side	Conventional	6Y1-24305-06-00	6Y2-24305-06-00
Hose Mounted Engine Side	Conventional	6G1-24305-05-00	6E5-24305-06-00

Portable Fuel Tank Connection: ***6YL-24377-01-00***

Primer Bulbs



Size	Application	Part Number
8mm	F70~F225, 2-S 115~V150 & HPDI	6YK-24360-72-00
8mm	F350, F300, F250, 4.2L Engines	6AW-24360-01-00
6mm	Portable Outboards	6YL-24360-62-00
6mm	F4 / F6 Under the Cowl	6BX-24360-10-00

Miscellaneous Fuel Line Connections

Joints are used to connect two pieces of fuel line together. The plug is a great tool for plugging off open fuel line to prevent debris from entering the fuel line.



Description	Part Number
6mm to 8mm Joint	67F-24377-00-BK
8mm Joint	6R3-24377-10-00
Joint Cover	68V-24452-00-00
Plug	689-85547-00-00

2-Stroke Oil Systems



Oil Deck Filler Kits
Threaded reduction fitting with deck plate and "keyless" screw-on cap. Has restrictor and oil label to deter someone from accidentally filling your oil tank with gasoline. Angled version swivels for a precise fit. Uses 11/2" ID oil-resistant hose (not included).

Striaght Deck Fill ***ABB-PLATE-DE-CK***

45 Degree Deck Fill ***ABB-PLATE-45-00***

Replacement Parts

90 Degree Joint ***6E5-24478-01-00***

45 Degree Joint ***ABB-JOINT-45-00***

O-ring ***ABB-ORING-DE-CK***

Gasket ***6E5-24482-00-00***



Remote 2.8 Gallon Oil Tank Kit
All the required parts to install a remote oil tank in one easy to order kit.
6YR-W0035-94-00

Kit Includes:

Quantity	Description	Part Number
1	Oil Tank Sub Assy (10.5L)	6E5-21733-20-00
1	Clamp	90465-13M11-00
1	Bracket, Damper Assy	6E5-21798-01-33
1	Fuel Pipe Complete	6YL-24306-63-00
1	Hose Clamp Assy	90450-10M07-00
1	Nut	95380-06600-00
1	Clamp	90465-10098-00
1	Holder, Sub Oil Tank	6E5-21734-01-33
1	Bolt	97080-06100-00
1	Washer, Plain	92990-06600-00
1	Oil Feed Pump	6E5-81900-01-00
1	Oil Level Gauge	6E5-85720-06-00

Transom Fitting For Rigging Hose
An easy install. Just thread the Rigging Hose onto the fitting. Requires no clamp, yet provides positive engagement. Use with Rigging Grommet (sold separately) for quick, easy rigging.

Black ***MAR-THRUT-RS-M2***

Chrome ***ABA-THRUT-RA-SM***



Rigging Grommet
Choose the grommet for your engine. Simply thread the Rigging Grommet onto the Rigging Hose and thread the Transom Fitting (sold separately) onto the other end. Provides positive engagement without clamps.

2 Stroke 115-250 ***MAR-GROMM-ET-01***

F150 ***MAR-GRMMT-F1-50***

F200-F250 ***MAR-GRMMT-LG-4S***

Z250, Z300 ***MAR-GRMMT-Z2-50***

Other '02 ~ V4 and V6 models include the main grommet, but require the following hardware to attach the rigging hose.

Fastener ***68F-42753-00-00***

Clip ***90601-20022-00***



Rigging Hose
High-quality hose is flexible, crush-resistant with UV inhibitors for added protection. Black, Gray, or Metallic Blue.

25' Black ***ABB-RIGHS-BK-25***

25' Gray ***ABB-RIGHS-GY-25***

25' Metallic Blue ***ABB-RIGHS-BE-25***

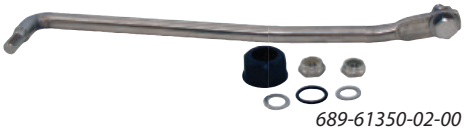
100' Black (two 50' rolls) ***ABB-RIGHS-BK-50***

100' Gray (two 50' rolls) ***ABB-RIGHS-GY-50***



Steering System


63V-61350-00-00


689-61350-02-00


63D-61350-00-00


688-61350-10-00


6E5-61350-02-00


68T-61350-00-00


68T-61350-10-00


6G8-61350-00-00


6AH-61350-00-00


65W-61350-00-00


6BG-61350-00-00


67F-61350-00-00

Steering Link Arm Kits

Connects Yamaha outboards to the boat's steering system. Some Yamaha outboards will come with a steering link arm kit in the crate. Please refer to the latest Product Information Guide for more details.

2-Stroke Model	Steering Guide Kit	2-Stroke Model	Steering Guide Kit
9.9, 15	63V-61350-00-00	40/50 (1996~)	63D-61350-00-00
25/30	689-61350-02-00	60~90	688-61350-10-00
40/50 (~1995)	689-61350-02-00	115~300	6E5-61350-02-00

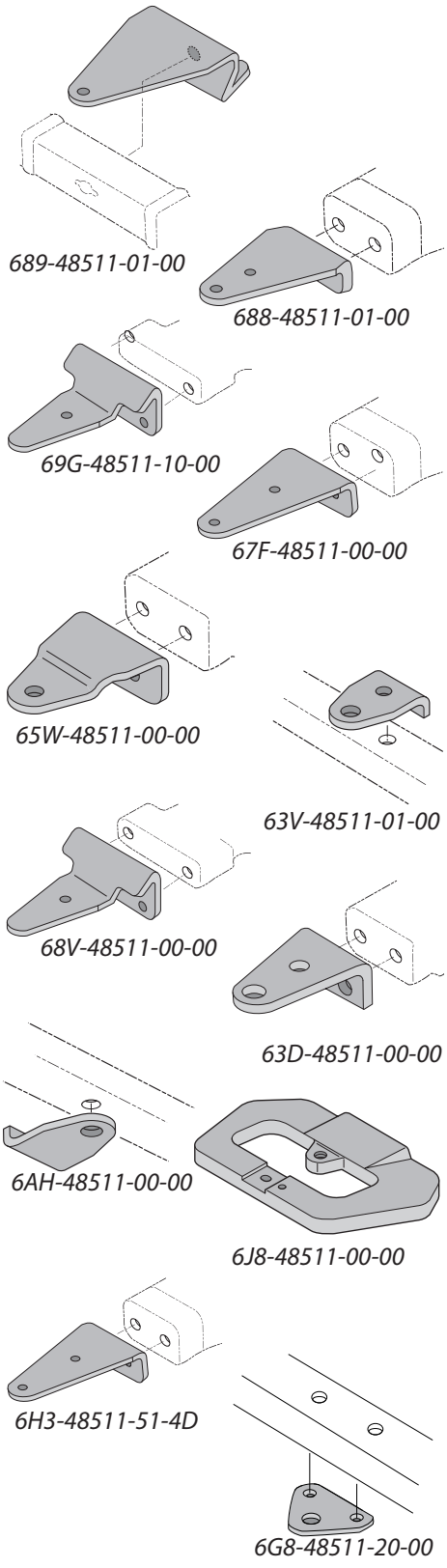
4-Stroke Model	Steering Guide Kit	4-Stroke Model	Steering Guide Kit
F8 (~04/2006)	68T-61350-00-00	F25A/T25A	6BG-61350-00-00
F8 (04/2007~)	68T-61350-10-00	T25 (~04/2006)	65W-61350-00-00
T8	68T-61350-00-00	F30	65W-61350-00-00
F9.9 (~04/2005)	6G8-61350-00-00	F40 (1999)	63D-61350-00-00
F9.9 (2)	63V-61350-00-00	F40 (2000~)	65W-61350-00-00
F9.9F	68T-61350-10-00	F40A	6BG-61350-00-00
T9.9 (~04/2005)	6G8-61350-00-00	F50/T50 (1996~2004)	63D-61350-00-00
T9.9(2)	63V-61350-00-00	F50/T50 (2005~)	65W-61350-00-00
T9.9G	68T-61350-10-00	F60/T60	65W-61350-00-00
F15	63V-61350-00-00	F70	65W-61350-00-00
F15C, F20	6AH-61350-00-00	F75 ~ F100	67F-61350-00-00
F25 (~04/2005)	65W-61350-00-00	F115~F300 (V6)	6E5-61350-02-00

Steering Hooks

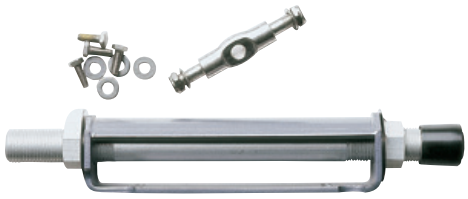
Used to attach the steering arm to the outboard. Will require bolts or studs, nuts and washers to install. Please refer to PartsManager Pro™ for additional part numbers required.

2-Stroke Model	Steering Hook	2-Stroke Model	Steering Hook
9.9	63V-48511-01-00	40	63D-48511-00-00
15	63V-48511-01-00	50	63D-48511-00-00
25 (Manual Start)	689-48511-02-00	60	6H3-48511-52-00
25 (Electric)	6J8-48511-52-00	70	6H3-48511-52-00
30	6J8-48511-52-00	90	688-48511-12-00

4-Stroke Model	Steering Hook	4-Stroke Model	Steering Hook
F8	63V-48511-01-00	F40 (1999)	63D-48511-00-00
T8 (2001)	63V-48511-01-00	F40 (~2000)	65W-48511-01-00
T8 (except 2001)	69G-48511-10-00	F50 (~2004)	63D-48511-00-00
F9.9 (~04/2005)	6G8-48511-20-00	F50 (2005~)	65W-48511-01-00
F9.9-2, F9.9 (04/2006~)	63V-48511-01-00	T50 (~2004)	63D-48511-00-00
T9.9G, T9.9A	69G-48511-10-00	T50 (2005~)	65W-48511-01-00
T9.9 (~04/2005)	6G8-48511-20-00	F60	65W-48511-01-00
T9.9-2	63V-48511-01-00	T60	65W-48511-01-00
F15	63V-48511-01-00	F70	65W-48511-01-00
F15C	6AH-48511-00-00	F75	67F-48511-01-00
F20	6AH-48511-00-00	F80	67F-48511-01-00
F25	65W-48511-01-00	F90	67F-48511-01-00
T25	65W-48511-01-00	F100	67F-48511-01-00
F30	65W-48511-01-00	F115 (06/2011~)	68V-48511-01-00



Engine Accessories



Dual Steering Cable Bracket
Strong, 7-gauge stainless construction, with aluminum steering tube. Conforms to ABYC® standards. Features a steel shield over the steering tube to provide additional protection. Fits 70–300hp engines.

ABA-DUALS-TE-ER

Replacement Tube (not shown) ***ABA-DUALS-TR-01***



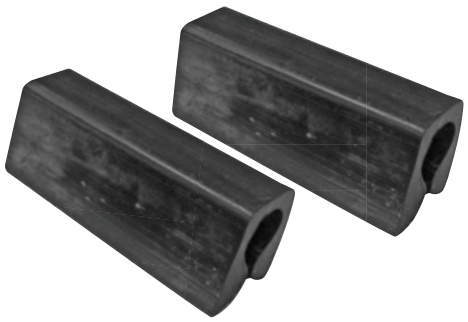
Universal Dual Steering Bracket
Pre-drilled to fit all major outboard motor brands. Features an aluminum steering tube and stainless steel bracket. Fits 70–300hp engines.

ABA-42110-00-00



Dual Steering Tie Bar Kit
Strong, stainless steel tie bar provides dual engine steering control for Yamaha outboards. Adjustable from 11" to 36". Includes necessary hardware.

ABA-DUALT-IE-BR



Outboard Steering Centering Clips
Outboard steering centering clips for use with front mounted hydraulic steering cylinders having an 8 inch total stroke length (side to side). Helps the outboard remain centered while trailered. The clips also help limit the load applied to the hydraulic system that may occur when an outboard is tilted and partially turned. The clips are quickly and easily installed over the hydraulic cylinder steering rods. Compatible with systems having an 8" total stoke length. Be sure to measure your system for compatibility prior to ordering. Remove Steering Centering Clips before boat operation. Steering ability will be extremely limited if clips are in place, which could result in an accident. Sold in pairs.

MAR-CNTRC-LP-08



Zerk Nut
Stainless steel, with high pressure O-ring seal. Attaches to steering tube to keep lubrication in, contaminants out.

MAR-ZERKN-UT-01

Remote Control Attachment Kits

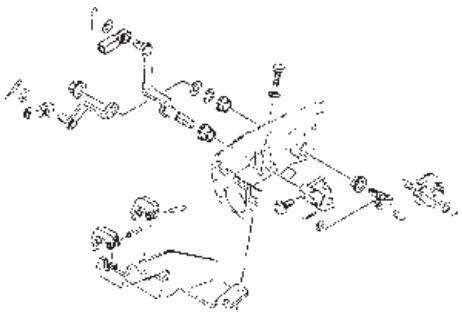
The remote control kits listed below may also be listed with additional parts required to install the remote control attachment kits. For the most accurate information always refer to PartsManager Pro™.



6, 8 Outboards

Quantity	Description	Part Number
1	Throttle & Shift Kit	6G1-48501-50-00

9.9/15 Outboards



Quantity	Description	Part Number
1	Throttle & Shift Kit	63V-48501-00-00
1	Steering Guide Attachment	63V-61350-00-00
1	Longer Steering Tilt Tube	63V-43131-10-00
1	Steering Hook	63V-48511-01-00
1	Bolt	97095-08035-00
1	Washer	92990-08600-00
1	Nut	95780-08300-00

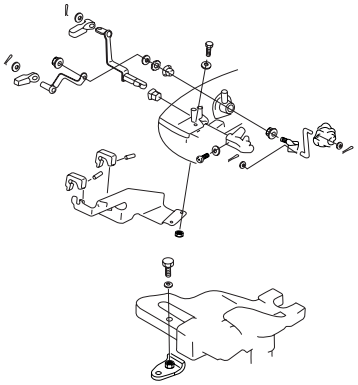
F6/F8 Outboards



Quantity	Description	Part Number
1	Throttle & Shift Kit	60R-G8501-00-00
1	Steering Guide Attachment	68T-61350-00-00
1	Steering Hook	69G-48511-10-00
2	Bolt	97095-08035-00
1	Nut	95780-08300-00
1	Nut	90185-06M07-00
1	Wire Harness (For Connection to Control)	69G-82590-00-00

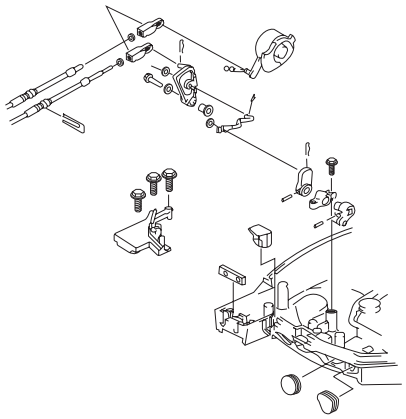
F/T9.9 Models 85~06 1st Generation Outboards

Quantity	Description	Part Number
1	Throttle & Shift Kit	6G8-48501-03-00
1	Steering Guide Attachment	6G8-61350-00-00
1	Steering Hook (Steering Guide Type)	6G8-48511-20-00
1	Steering Hook (Ball Post Type)	6G8-48511-10-00
2	Bolt	97095-06016-00
2	Washer	92990-06600-00
1	Wire Harness (For Connection to Control)	6G8-82580-00-00



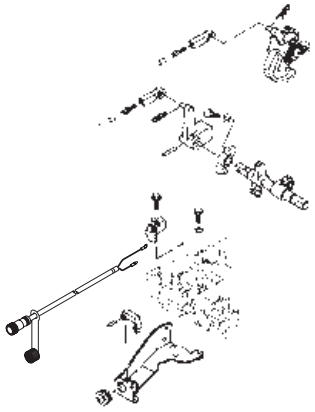
F/T9.9, F15 Models 01~05 2nd Generation, F/T9.92 06~07 Outboards

Quantity	Description	Part Number
1	Throttle & Shift Kit (Comes with hook)	66M-48501-00-00
1	Steering Guide Attachment	63V-61350-00-00
1	Longer Steering Tilt Tube	63V-43131-10-00
1	Wire Harness (For Connection to Control)	66M-82590-10-00



F/T9.9G 08~ Outboards

Quantity	Description	Part Number
1	Throttle Shift	6AU-48501-00-00
1	Steering Guide Attachment	68T-61350-00-00
1	Steering Hook	69G-48511-10-00
2	Bolt	97095-08035-00
1	Nut	95780-08300-00
1	Nut	90185-06M07-00
1	Wire Harness (For Connection to Control)	69G-82590-00-00
1	Washer	92990-08600-00



F15C / F20 Outboards

Quantity	Description	Part Number
1	Throttle and Shift Kit	6AH-48501-00-00
1	Steering Arm	6AH-61350-00-00
1	Steering Hook	6AH-48511-00-00
1	Bolt	97095-08025-00
1	Washer	92990-08600-00
1	Nut	95780-08300-00
1	Cap	6AH-44194-00-00
1	Wire Harness	6AH-82590-10-00

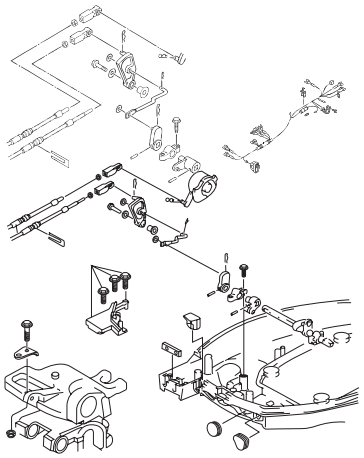
25E Outboards

Quantity	Description	Part Number
1	Throttle & Shift Kit	6L2-48501-11-00
1	Steering Guide Attachment Kit	689-61350-02-00
1	Steering Hook	6J8-48511-52-00
1	Wire Harness (For Connection to Control)	6L2-82590-00-00



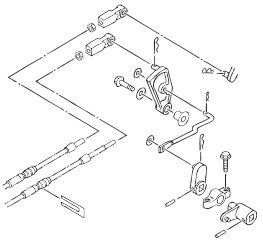
F25 Models SE/SM/LE/LM Outboards

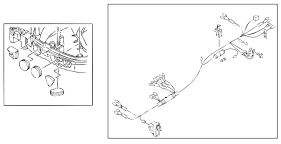
Quantity	Description	Part Number
1	Throttle & Shift Attachment Kit (Comes with hook)	6BL-48501-00-00
1	Steering Guide Attachment	6BG-61350-00-00
2	Stud Bolt (For Hook)	90116-10M70-00
1	Washer (For Hook)	92990-10600-00
1	Wire Harness SMHA/LMHA Models (To Control)	6BL-82590-10-00
1	Wire Harness SEHA/LEHA Models (To Control)	6BL-82590-20-00



F25 ~06 Outboards

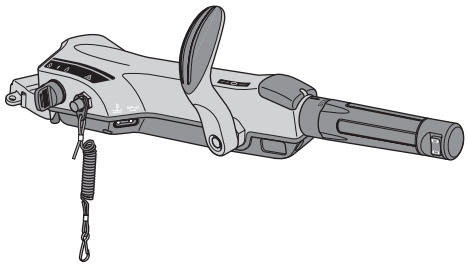
Quantity	Description	Part Number
1	Throttle & Shift Attachment Kit (Comes with hook)	65W-48501-00-00
1	Steering Guide Attachment	65W-61350-00-00
2	Stud Bolt (For Hook)	90116-10038-00
2	Nut (For Hook)	90185-10015-00
1	Wire Harness EH Models (Connection to Control)	65W-82590-20-00
1	Wire Harness MH Models (Connection to Control)	65W-82590-40-00





Tiller Handles

Yamaha's Multifunction Tiller Handle combines ergonomic design, smooth shifting, fingertip controls and an extended throttle handle for virtually effortless maneuverability. Add to that Yamaha's exclusive Variable Trolling RPM Switch (VTS® F40LA through F90 models only) and a 90° throttle rotation angle, and steering is not only easier, it's more comfortable too. It's easy to see why our Multifunction Tiller Handle won an IBEX® Innovation Award.



F25 Complete Tiller Handle Assembly
Includes everything required to mount a tiller handle on F25 Outboard.
6X4-42103-04-00



Tiller Handle Main Assembly
The tiller handle main assembly requires the use of a fitting kit below to mount to a Yamaha Outboard.
6X4-42103-53-00



Tiller Handle Fitting Kits
The fitting kits are used along with the Main Handle Assembly. They typically include the wire harness and mounting hardware.

2-Stroke Fitting Kits

Application	Part Number
40, 50	6X4-42102-61-00
60, 70	6X4-42102-51-00
80, 90	6X4-42102-41-00

4 Stroke Fitting Kits

Application	Part Number
F40B (Carburated)	6X4-42102-31-00
F40LA (EFI)	6X4-42102-70-00
F50, F60, F70	6X4-42102-22-00
F75, F90	6X4-42102-10-00
F115	6X4-42102-00-00

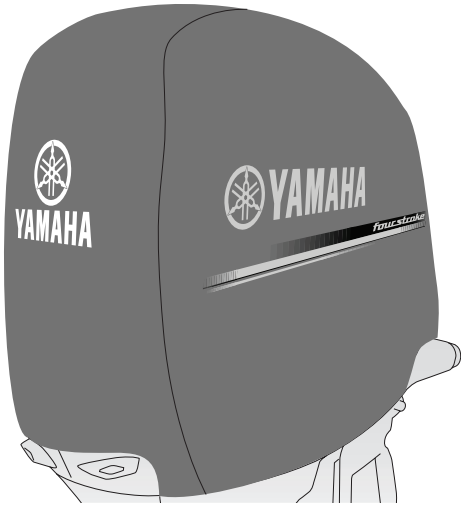
Cowling Covers

Super heavy-duty protection for your Yamaha outboard's cowling. Constructed of ultra-durable Sur Last® solution dyed polyester fabric for the ultimate protection against fading and the elements, this non-abrasive, water resistant cover is resistant to UV, mildew and mold. The cover has a soft fabric inner liner for added paint protection, and screened on factory logos for unmatched style. Includes a snap-buckle strap and stretch cord for a snug fit.

V6 Application	Engine Cover
V8 Outboards	MAR-MTRCV-11-V8
4.2L Offshore Outboards	MAR-MTRCV-F4-2L
F250 Outboards	MAR-MTRCV-11-25
F225 Outboards	MAR-MTRCV-11-00
F200 Outboards	MAR-MTRCV-11-00

F40 ~ F15C Application	Engine Cover
F40 Outboards	MAR-MTRCV-11-30
F30 Outboards	MAR-MTRCV-11-30
F20 Outboards	MAR-MTRCV-11-15
F15C Outboards	MAR-MTRCV-11-15

F150 ~ F50 Application	Engine Cover
F200 (Inline)	MAR-MTRCV-F2-00
F150 Outboards	MAR-MTRCV-1C-15
F115 Outboards	MAR-MTRCV-11-50
F100 Outboards	MAR-MTRCV-11-50
F90 Outboards	MAR-MTRCV-11-50
F80 Outboards	MAR-MTRCV-11-50
F75 Outboards	MAR-MTRCV-11-50
F70 Outboards	MAR-MTRCV-FS-70
T/F60 Outboards	MAR-MTRCV-11-80
T/F50 Outboards	MAR-MTRCV-11-30



Application	Engine Cover
V6 VMAX SHO® Outboards	MAR-MTRCV-ER-SH
150 VMAX SHO® Outboards	MAR-MTRCV-15-SH



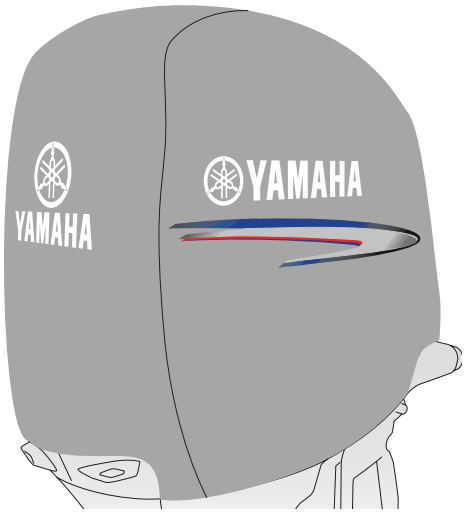
V6 Application	Engine Cover
VMAX® HPDI® 2.6L Outboards	MAR-MTRCV-11-10
VMAX® HPDI® 3.3L Outboards	MAR-MTRCV-1M-30
P, V, VX, D, DX 2.6L VMAX® Outboards	MAR-MTRCV-11-V6
VX VMAX® 3.1L Outboards	MAR-MTRCV-1M-20



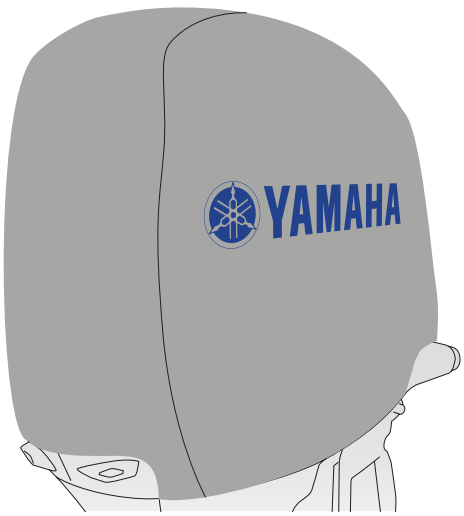
Engine Accessories



Application	Engine Cover
S, SX, L, LX 150-250 Outboards	MAR-MTRCV-11-SS



Application	Engine Cover
HPDI® 2.6L Outboards	MAR-MTRCV-11-11
HPDI® 3.1L Outboards	MAR-MTRCV-11-20



Application	Engine Cover
150 - 200 2 Stroke Outboards	MAR-MTRCV-ER-70
115 - 130 2 Stroke Outboards	MAR-MTRCV-ER-60
C75 - 90 2 Stroke Outboards	MAR-MTRCV-ER-40
30 - 70 2 Stroke Outboards	MAR-MTRCV-ER-20
6 - 25 2 Stroke Outboards	MAR-MTRCV-ER-10
F25 Outboards	MAR-MTRCV-ER-20
F4 - F15 Outboards	MAR-MTRCV-ER-10



Description	Cover
Tuning Fork Logo Spare Tire Cover	MAR-TIREC-OV-ER
Skeeter Logo Spare Tire Cover	MAR-TIREC-OV-SK
Propeller Cover	MAR-PROPB-AG-BK

General Engine Accessories

Engine Mounting Bolts



Application	Length	Part Number
115 ~ 300; F80 ~ F250	70mm (2.75 in)	90101-12M37-00
115 ~ 300; F80 ~ F250	79mm (3.1 in)	90101-12M09-00
115 ~ 300; F80 ~ F250	95mm (3.75 in)	90101-12M51-00
115 ~ 300; F80 ~ F250	105mm (4.1 in)	90101-12M65-00
115 ~ 300; F80 ~ F250	115mm (4.5 in)	90101-12M03-00
115 ~ 300; F80 ~ F250	130mm (5.1 in)	90101-12M05-00
115 ~ 300; F80 ~ F250	150mm (5.9 in)	90101-12M77-00
V8 Outboards	150mm (5.9 in)	90101-12031-00
V8 Outboards	170mm (6.7 in)	90101-12036-00

Trailer Support



One Yamaha Motor Trailering Support will provide adequate support for the F115 ~ V6 four-stroke and all 70 ~ 300 two-stroke models while trailering. V8 models require two supports. The Yamaha Motor Trailering Support is quickly and easily installed over the port trim rod on F115 ~ F250 four-stroke and all 70 ~ 300 two-stroke models or both trim rods on the V8 models. Fits F115~F350 Four-Stroke and all 70~300 Two-Stroke models with Power Trim and Tilt.

MAR-MTSPT-YM-10

McGard® Outboard Lower Unit Lock Bolt



The lock is designed to secure the lower unit to the mid-section of the outboard while in storage, on the trailer, or in use. A free-spinning collar turns if attacked by gripping tools, helping protect against costly lower unit theft. Simply replace one of the standard lower unit mounting bolts with a McGard® lower unit locking bolt. Use the included special key to remove the McGard® lower unit locking bolt when removal of the lower unit is required. Stainless steel, through hardened construction. Fits Yamaha outboards F115 – F350 without 5" extension.

MAR-LWRUN-LK-00

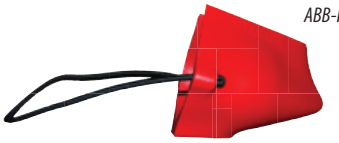
Engine Flushers



ABB-MOTOR-FL-SH



ABB-FLUSH-JD-00



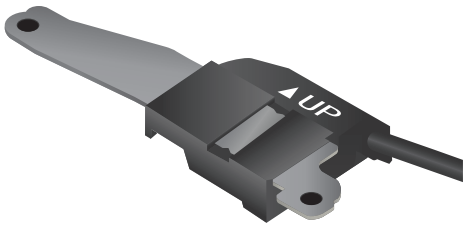
MAR-FLUSH-ER-VF

Connects in seconds to a common garden hose to flush out harmful sand, salt, and other contaminates.

Application	Part Number
VZ225, VZ250, VZ300, V-MAX SHO®	MAR-FLUSH-ER-VF
3, 4, 5, 9.9, FT9.9, 15 and all jet drive	ABB-FLUSH-JD-00
6, 8, 25-Z300HP	ABB-MOTOR-FL-SH
TRP VMAX® 150 and B115 Specially designed for nose-cone flusher	MAR-FLUSH-ER-00

Tilt Limiters

The tilt limiter for the new Yamaha Outboards was introduced to assist in customer satisfaction. The new limiter will help improve customer satisfaction in applications where the top cowling would come in contact with the boat at full tilt. Please select the correct tilt limiter from the charts below.



Tilt Limiter for F115, F150, and VMAX® SHO® Outboards

Model	Serial Number Range	Part Number
F115	68V 1124466~	63P-825EY-00-00
LF115	68W 1005001~	63P-825EY-00-00
F150	63P 1106291~	63P-825EY-00-00
LF150	64P 1013389~	63P-825EY-00-00
VF200	6CD 1000832~	63P-825EY-00-00
VF225	6CC 1001056~	63P-825EY-00-00
VF250	6CB 1002436~	63P-825EY-00-00



Tilt Limiter for 4.2L Offshore Outboards

Model	Production Date Range	Part Number
F225	01/2012 ~	6CE-825EY-00-00
F250	01/2012 ~	6CE-825EY-00-00
F300	01/2012 ~	6CE-825EY-00-00

Tilt Limiter for F75, F90 Outboards

Model	Production Date Range	Part Number
F75	01/2012~	6D8-825EY-00-00
F90	01/2012~	6D8-825EY-00-00

Tilt Limiter for F50, T50, F60, T60, F70 Outboards

Model	Production Date Range	Part Number
F50	04/2012~	6C5-825EY-00-00
F60	04/2012~	6C5-825EY-00-00
F70	04/2012~	6C5-825EY-00-00

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Propeller Quick Reference Chart

With all that Yamaha has to offer in regard to propellers, virtually any boat can perform at its peak. That includes your customer's. From large offshore boats to family and watersports boats to the fastest of bass and bay boats, Yamaha has a propeller solution that's just right for your customers' application. Yamaha propeller solutions. Well beyond expectations.

Overall total pitch range per propeller family, May not be indicative of all actual pitches available in each range.

Propeller Series	Recommended Boat Application	**RH** F25 and 20-30 (3.0" Gearcase)	**RH** T25, F30-F60 and 40-55 (3.5" Gearcase)	**RH** T50, T60, F70-F115 and C60-130 (4.25" Gearcase)	**LH** T50, T60, F70-F115 and C60-130 (4.25" Gearcase)	**RH** 150-300 and F150 - F300 (V6) (4.75" Gearcase)	**LH**150-300 and F150 - F300 (V6) (4.75" Gearcase)	**RH** V8 (5.25" Gearcase)	**LH** V8 (5.25" Gearcase)
		Yamaha Propeller Available Pitches							
Aluminum	Family, Water Sports, Medium, and Small Boats	8-14	8-17	11-25		15-23			
Deep V Aluminum	Medium and Small Boats			17-19					
Dual Thrust™	Family and Water Sports	81/4	9	11					
Painted Stainless Steel	Family, Water Sports, Medium, and Small Boats		11-16	14-23	17-21	13-23	15-23		
Performance 3	Family, Water Sports, Medium, and Small Boats	10-14	12-15	14-24	14-22	14-26	14-22		
Performance 4	Bass, Bay, and Flats Boats			18-23		18-26			
Performance XT	Bass, Bay, and Flats Boats					23-27			
Performance XL4	Large Boats							15-17	15-17
Performance XL4–HP	Large Boats							22,24	22,24
Pontoon Performance	Family, Water Sports, Medium, and Small Boats			9-13					
PRO	Bass, Bay, and Flats Boats			17-23		21-27			
Reliance®	Family, Water Sports, Medium, and Small Boats					15-21	17-21		
Reliance SDS™	Family, Water Sports, Medium, and Small Boats					15-21	15-21		
Saltwater Series HS4™	Large Boats					21-23	21-23		
Saltwater Series HS4™-SDS	Large Boats					21-23	21-23		
Saltwater Series II	Family, Water Sports, and Large Boats					15-21	15-21		
Saltwater Series II - SDS	Family, Water Sports, and Large Boats					13-23	13-23		
Saltwater Series XL®	Large Boats							17-25	17-25
Saltwater Series XL® - SDS	Large Boats							15-23	15-23
Saltwater Series XL4 SDS	Large Boats								22,24
Saltwater Series XL4 SDS	Large Boats								22,24
V MAX® (vented)	Bass, Bay, and Flats Boats					23-29			
V MAX SHO® (ventless)	Bass, Bay, and Flats Boats					22-29			
Weedless	Medium and Small Boats	12-13							

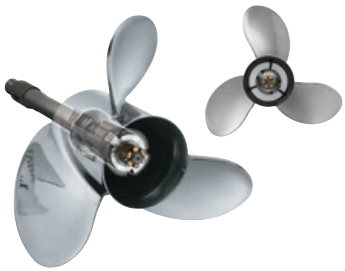
Overall total pitch range per propeller family, May not be indicative of all actual pitches available in each range.

Propeller Series	Recommended Boat Application	Turbo Propeller Available Pitches					
		RH F25 and 20-30 (3.0" Gearcase)	**RH** T25, F30-F60 and 40-55 (3.5" Gearcase)	**RH** T50, T60, F70-F115 and C60-130 (4.25" Gearcase)	**LH** T50, T60, F70-F115 and C60-130 (4.25" Gearcase)	**RH** 150-300 and F150 - F300 (V6) (4.75" Gearcase)	**LH**150-300 and F150 - F300 (V6) (4.75" Gearcase)
Fusion 4	Bass, Bay, Flats, and Large Boats					21-32	21-23
FX4	Bass, Bay, Flats, Medium, and Small Boats			14-25			
FXP™	Bass, Bay, and Flats Boats					22-27	
Hot Shot	Medium and Small Boats	10-15	10-19				
Lightning	Bass, Bay, and Flats Boats					17-21	
Offshore 1	Bass, Bay, Flats, and Larger Boats					15-26	15-26
Offshore 2	Large Boats					16-26	16-26
Pontoon 1	Family, Water Sports, Medium, and Small Boats		9-15	9-15			
Quest™ 3 Blade	Family, Water Sports, Medium, and Small Boats			15-21			
Quest™ 4 Blade	Family, Water Sports, Medium, and Small Boats			14-21			
Turbo® 1	Family, Water Sports, Medium, and Small Boats			13-23		13-25	15-21
Turbo® 2+2	Bass, Bay, and Flats Boats					16-24	
TXP™	Bass, Bay, and Flats Boats					21-31	
TXP OT4	Bass, Bay, and Flats Boats					23-31	
Ultima 4	Bass, Bay, Flats, Medium, and Small Boats					13-23	13-23
Vector	Family and Water Sports					21-25	21-25

Yamaha Propeller Descriptions

Endless Propeller Solutions By Yamaha

With all that Yamaha has to offer in regard to propellers, virtually any boat can perform at its peak. That includes yours. From large offshore boats to family and watersports boats to the fastest of bass and bay boats, Yamaha has a propeller solution that's just right for your application. Yamaha propeller solutions. Well beyond expectations.



Shift Dampener System (SDS™)

Yamaha's patent-pending Shift Dampener System uses a unique, splined rubber hub and special aft washer (cam) to distribute and absorb the forces, and the resulting sounds and vibrations, that are normally associated with shifting an outboard into gear. The result: far quieter and smoother, 'clunk free' shifting. "Amazing" is the word most-often used to describe the result. Currently available on all models of Saltwater Series XL 3-bladed and XL4/XL4-HP 4-bladed propellers for Yamaha 5.3L F350, all Saltwater Series II 3-bladed props and Saltwater Series HS4 4-bladed propellers for Yamaha V6's, and all Reliance Series 3-bladed props.



Aluminum Series

Yamaha design, quality, and performance in a low-cost, lightweight propeller. A good all-around choice for your Yamaha outboard. Available in a wide variety of sizes and pitches for Yamaha outboards between 2 and 225 horsepower, in right-hand and select left-hand rotation.



Deep V Series

Specially engineered to reduce ventilation and enhance bow lift, Yamaha's "Deep V" aluminum 3-bladed propellers offer excellent holding power in turns, with enhanced "grip" for improved control. In addition, they feature better overall performance and greater cruising efficiency in a planed trim position than conventional 3-bladed aluminum propellers. "Deep V" props are especially effective on mid-sized deep- and mod-V aluminum boats, particularly in applications with the potential for aerated water beneath the boat.



Dual Thrust™ Series

Yamaha's Dual Thrust propeller is the answer for heavy loads such as sailboats and pontoons. They're standard on the High Thrust T9.9, and optional on other mid-range engines using the "K" series (4.25") gearcase. They're excellent for use on Yamaha High Thrust models (T50 and T60), as well as the F70, particularly on pontoon applications. Dual Thrust propellers feature a large diameter and blade surface area, a low pitch and rake angle, and a patented oversized center tube which re-directs the exhaust away from the blades when in reverse. This helps the prop bite 'clean' water, resulting in awesome thrust and control regardless of direction.



Painted Stainless Steel Series

An excellent general-purpose choice. Stainless steel construction allows for a blade that is thinner, more efficient and more durable than an aluminum propeller, with a cost-effective, black paint coating. Available in a wide variety of sizes and pitches for Yamaha outboards between 25 and 300 horsepower, in right-hand and select left-hand rotation.

Performance Series
A proven performer on a wide array of Yamaha outboard-powered boat applications. Highly-polished stainless steel and advanced blade design offer both good looks and good performance. Available in a wide variety of sizes and pitches for Yamaha outboards between 20 and 225 horsepower, in right-hand and select left-hand rotation.



Performance Series 4-Blade
Four blades improves hole shot, acceleration, and overall 'grip' for better performance in rough water or with a high engine mounting height.



Performance XT Series
A step up from our Pro Series, designed with larger, longer blades for strength and improved performance in applications requiring high engine mounting heights, such as boats with jackplates. Available in 23", 25", and 27" pitches, right-hand rotation only.



Performance XL4™ Series
Large offshore boats, such as express cruisers and walk-around models, require massive thrust to plane and additional propeller 'grip' for maximum operational efficiency. Helping to harness the incredible power of Yamaha's 5.3L V8 outboards, these new four-bladed propellers offer outstanding acceleration, quick planing, and improved "grip" to help maintain plane at lower speeds and help eliminate ventilation, particularly in turns and following seas. They're manufactured from the highest-quality stainless steel, for maximum quality and durability. Polished to a lustrous shine, they will be available in 15" and 17" pitches and in both right and left-hand rotation. Please note these particular propellers will only fit Yamaha's line of V8 outboards, using a pressed-in style rubber hub only.



Performance XL4™ - HP Series
Lighter, high-performance offshore boats, such as open fishing-style hulls, can also benefit from the XL4's excellent acceleration, quick planing, and maximum grip of the water. For these craft, Yamaha introduces the new Performance XL4 – HP series of propellers. Offering many of the same performance characteristics of their XL4 bretheren, their advanced blade geometry is specifically designed for Yamaha V8 applications where higher speeds are enabled by a specific boat's hull design. Featuring a highly-polished stainless steel finish, they will be manufactured to Yamaha's stringent standards in 22 and24" pitch, right- and left-hand rotation. Please note these particular propellers will only fit Yamaha's line of V8 outboards, using a pressed-in style rubber hub only.



Pontoon Performance Propellers
Don't let the name fool you! This prop is not only a perfect choice for many pontoon boat applications, but also for any boat that requires extra thrust and control for maximum performance and efficiency. Their significantly larger blade area helps provide outstanding thrust and control, with added 'grip' and reduced ventilation in turns and high trim angles. Perfect for many of today's pontoon boats, work boats, or other displacement or semi-planing craft. They're also excellent for many applications using Yamaha's F70 outboard. Manufactured of high-quality stainless steel.



Propellers



PRO Series™
An excellent performance-oriented choice for single-outboard, high-speed boats requiring "bow lift," such as mid- to large-sized bass, bay, and flats boats. Available in 17", 18", 19", 21" and 23" pitches for 60~130hp two stroke and T60 ~F115 four stroke Yamaha outboards, and 21", 23", 25" and 27" for V6 two-stroke and F150 ~F250 Yamaha four stroke outboards. Right-hand rotation only.



Reliance® Series Propeller
Reliance is CAD-designed to increase performance. Designed primarily for use with Yamaha's F150 outboard,it also provides excellent all-around performance in outboard applications. Faster at all RPM ranges and having better anti-ventilation characteristics (grip) than Yamaha's proven Painted Stainless Steel propellers in most applications, Reliance Series propellers are highly-polished stainless steel, featuring impressive cast-in naming on the barrel and excellent corrosion resistance. Now available with Yamaha's exclusive Shift Dampener System (SDS).



HS4™ "High Seas" Propellers
Many larger boats can benefit from excellent acceleration, quick planing, and maximum 'grip' on the water. For these craft, Yamaha offers our HS4 "High Seas" line of four-bladed propellers. HS4 "High Seas" propellers are designed for certain V6 four stroke engines, with thrust to plane, planing at slower outboard speeds, and resistance to ventilation in high seas. It's all there, and they're all Yamaha. Made of high-quality stainless steel to Yamaha's exacting standards of quality and durability. Highly-polished stainless steel with cast-in naming on the barrel, they're as impressive out of the water as they are in the water. Also available with Yamaha Shift Dampener System (SDS).



Saltwater Series II™
A powerful choice for today's larger offshore boats, Saltwater Series II propellers are a highly-polished, larger diameter design. Aggressive rake and extra cupping on the blades provides superior midrange fuel efficiency, along with excellent anti-ventilation characteristics. For offshore fishermen, that translates to longer cruising range and better handling in rough seas. Also available with the SDS Shift Dampening System.



Saltwater Series XL®
For use exclusively with the new V8 5.3L four stroke Yamaha outboards. Designed to harness the awesome power of these outboards and turn it into massive amounts of thrust, Saltwater Series XL propellers have more diameter and 21% more blade area that even our largest Saltwater Series II™ propellers. This helps the F350 generate up to 45% more thrust than 250hp-class outboards, and provides large offshore boats with plenty of power to plane, acceleration, and top-end speed. Also available with the SDS Shift Dampening System. (NOTE: deduct two inches of pitch for same or similar performance when converting non-SDS XL propellers to SDS-equipped Saltwater Series XL propellers)



Small Hub Series
A highly-specialized propeller designed for specific applications using 60hp – 200hp outboards. Features a smaller, "exhaust-over-the-hub" design, allowing the outboard to develop rpm quicker for faster hole shots.

Saltwater Series XL4™ - HP SDS

Lighter, high-performance offshore boats, such as open fishing-style hulls, can also benefit from the XL4's excellent acceleration, quick planing, and maximum grip of the water. For these craft, Yamaha introduces the new Performance XL4 – HP series of propellers. Offering many of the same performance characteristics of their XL4 bretheren, their advanced blade geometry is specifically designed for Yamaha V8 applications where higher speeds are enabled by a specific boat's hull design. Featuring a highly-polished stainless steel finish, they will be manufactured to Yamaha's stringent standards in 22 and24" pitch, right- and left-hand rotation. Please note these particular propellers will only fit Yamaha's line of V8 outboards, and use Yamaha's exclusive Shift Dampener System hub.



Saltwater Series XL4™ - HP SDS

Lighter, high-performance offshore boats, such as open fishing-style hulls, can also benefit from the XL4's excellent acceleration, quick planing, and maximum grip of the water. For these craft, Yamaha introduces the new Performance XL4 – HP series of propellers. Offering many of the same performance characteristics of their XL4 bretheren, their advanced blade geometry is specifically designed for Yamaha V8 applications where higher speeds are enabled by a specific boat's hull design. Featuring a highly-polished stainless steel finish, they will be manufactured to Yamaha's stringent standards in 22 and24" pitch, right- and left-hand rotation. Please note these particular propellers will only fit Yamaha's line of V8 outboards, and use Yamaha's exclusive Shift Dampener System hub.



TRP

With two counter rotating propellers and 60% more blade surface, TRP provides transom lifting performance like no other lower unit. The twin polished, stainless steel propellers add more grip for outstanding handling, greater thrust and unmatched hole shot. TRP's crowning achievement, counter rotating propellers, virtually eliminate steering torque, providing smooth steering even at high jack plate and trim positions.



V MAX® Vented Series

Our ultimate performance propeller for bass, flats, and bay boat, two stroke outboard applications. Designed for more acceleration and higher top-end speed than either the Pro Series or Performance XL Series, they also provide superior handling and "grip", not to mention added strength. Perfectly matches our 3.1 and 3.3 Liter V MAX® two stroke powerhouses for legendary V MAX® speed and handling.



V MAX SHO® Series Propellers

To properly harness the awesome power of Yamaha's new V MAX SHO® four stroke outboard, Yamaha offers the V MAX SHO® Series of propellers. Perfect for bass, flats, and bay boats powered by the new V MAX SHO® outboard, these props are purposely designed for awesome acceleration, maximum top-end speed and incredible performance and handling when mated to these outboards. Made of the highest-quality stainless steel and featuring a highly-polished finish with cast-in naming on the barrel. *(NOTE: Two stroke outboards used in bass, flat, and bay boat applications should be equipped with V MAX Vented Series propellers. Not all pitches refelct the new VMAX SHO logo.)*



Weedless Propellers

A propeller designed to help keep pesky vegetation in the water and off your customer's propeller and prop shaft. The weedless propeller was made for those who run in the weed infested waters in search for the fish that others dare not go after. Weedless propellers with a 91/4 diameter are available in the Aluminum Series, while the 91/8 diameter weedless design is available in painted stainless steel. See the chart below for application information.



Turbo Propeller Descriptions



Fusion 4
"Four-blade performance for specialty hulls". Excellent combination of strong acceleration and top-end performance for specialty high-horsepower sterndrive or outboard applications, such as "stepped" offshore hulls and some flats boats. Also excels on jack plate equipped high-horsepower outboard bass or bay boats. Advanced design features very aggressively raked, progressive pitch blades with through-hub, vented exhaust. Four blades help resist ventilation and propeller slip in heavy and/or following seas.



FX4
"Four-blade benefits for midrange outboards". Improved bow and stern lift, acceleration, and load carrying ability for 3 and 4 cylinder outboards; provided by its 4-blade design featuring progressive pitch and high rake angle. Helps quickly develop engine RPM and reduce steering torque. Excellent for flats or shallow water boats using 70 -130hp, 3 and 4 cylinder outboards with 4.25" gearcases.
Works well on a broad range of smaller boats and applications.



FXP™
"Total performance for Super High Output four stroke outboards". Excels in hole shot, acceleration, top speed, and handling; all at true tournament loads. Designed specifically for ultra-high-performance four stroke outboards like Yamaha's V MAX SHO®. Advanced design lifts the entire boat, dramatically decreasing drag and increasing performance. It provides very minimal bow rise, critical during often-crowded tournament blast-offs. Steering torque and operator fatigue, normally associated with high engine mounting heights, is greatly reduced.



Hot Shot
"Turbo performance for smaller outboards". Offers reduced slip, enhanced durability, better resistance to ventilation, increased performance, and improved fuel efficiency compared to some older aluminum designs. Specifically for smaller horsepower outboards from 18hp~70hp (depending on manufacturer), using the same high-efficiency design of the larger Turbo® propellers. Increased performance and durability compared to aluminum propellers. 10 1/8" diameter propellers have pressed-in hubs. 10 1/2" and 11 3/4" diameter propellers use Guardian SQ-Lok™ system.



Lightning
"High performance prop for high performance boats". Excellent speed, handling, and bow lift characteristics. Ideal for boats featuring higher engine and drive mounting heights, such as bass and flats boats; particularly those featuring older, heavier designs. Also works well in tri-log pontoon boat applications using V6 outboard power. Lighting's thick blades increase strength, longevity and durability. Aggressive pitch, high rake angle and large diameter. Designed for Mercury®, Johnson®/Evinrude®, Suzuki® and Yamaha V6 and Johnson®/Evinrude® V8 outboards. Thick blades increase strength, longevity and durability.



Offshore I & II
"Exclusively designed for outboard powered offshore boats". Superlative load carrying ability and transom and bow lift for large, heavy offshore boats using outboard power. Provides outstanding speed and fuel efficiencies at cruise RPM, while reducing ventilation and slip normally caused by rough water and/or following seas.
Excellent for 200 - 300hp V6 offshore-type applications in single or multiple engine configurations. Offshore II propellers also work well in sterndrive applications. Offshore I = 4-blade design. Offshore II = 3-blade design.

Pontoon 1

"Extra thrust and added control". Outstanding thrust and control on outboard powered (twin-log) pontoon boats, deck boats, sailboats and utility/work boats, for increased acceleration and maneuverability. Resistant to ventilation, particularly in turns and at high engine trim levels. Features increased trailing edge cup, lower rake, and a larger diameter than typical propellers. Excellent for use with 3 and 4 cylinder outboard applications with 3.5" or 4.25" gearcases. Use on twin-log pontoon boats and some deck boats, sailboats, and utility/work boats where extra thrust, maneuverability, and control are needed. Ideal for many applications using Yamaha's F70 outboard.



Quest™

"Muscle and might for your midrange outboard". Combines outstanding acceleration and load carrying abilities for midrange outboard engines using the intermediate size gearcase (4.25"). Stays "hooked up" in turns and at high engine trim angles, and helps allow the outboard to achieve and sustain proper RPM throughout the power band. Quest™ propellers are very well suited for 15' - 18' utility/work boats and various applications using Yamaha's F70 outboard, due to their lower rake angle and advanced blade design. Available with 3 or 4 blades. Excellent for 3 and 4 cylinder outboard applications using an intermediate (4.25") gearcase. Very well suited for smaller utility/work boats and Yamaha F70 applications.



Turbo 1

"Turbo's most popular propeller". Enhanced bow lift, excellent performance, and handling characteristics for medium-to-heavily loaded boats. Also excellent for use on high performance, high horsepower pontoon boats with triple logs and lifting strakes (approximately 150hp and above). Makes a great all around propeller. Features advanced blade geometry with progressive pitch, increased blade rake angle and trailing edge cup. Vented blade design for fast hole shot, acceleration and "time-to-plane". Turbo's most popular and best "all around" performance propeller.



Turbo 2+2

"Performance four-blade for deep-drive applications." Improved hole shot, acceleration and ability to effectively power heavier loads on boats using sterndrives or large V6 outboard power with drive units that typically operate while deeply submerged during on-plane operation. Through-hub exhaust and an advanced blade design mean true performance for water sports or family boating.



TXP™

"Totally Exciting Performance for high-speed hulls". Excellent high-horsepower, high-speed propeller for very light, high-speed boats, particularly those using high engine-mounting heights or a hydraulic jack plate and having naturally greater bow lift "built-in". More aggressive pitch, a higher rake angle and more aggressive cupping than our Lightning model makes TXP™ an excellent prop for "surface piercing" applications. The TXP™ features an advanced blade design that helps create minimum steering torque for less steering effort and operator fatigue.



TXP™ OT4

"Furious four-blade performance for high-speed boats". Faster hole shots and quicker acceleration, through the use of an over-and through-hub exhaust design which helps the engine develop RPM rapidly. Very aggressive pitch, high rake angle, large diameter and more advanced trailing edge blade cupping makes these props excellent for "surface piercing" applications. Excellent high-horsepower, high-speed propeller for very light, high-speed boats, particularly those using high engine mounting heights or a hydraulic jack plate and having naturally greater bow lift "built-in". Advanced blade design helps reduce steering torque.





Ultima 4

"Power, lift and thrust". Enhanced performance, bow and transom lift and load carrying ability. Resists ventilation and slip, particularly in turns and high engine trim levels. Excellent propeller for flats boats and other applications with high engine-mounting height needing stern lift at hole shot and during acceleration. Suitable for V6 outboards utilizing a high engine-mounting or operating height, including those with jack plates. • Excellent propeller for bay and flats boats due to stern lift at hole shot and during acceleration.



Vector

"Big power for deep drives". Faster hole shots and improved planing, with excellent bow lifting characteristics and good performance in rougher water on heavy boats using fully submerged sterndrives, particularly those with twin engines using counter rotation. Large diameter and greater blade area also works well on heavier 22'-27' boats. Specifically for sterndrives like MerCruiser® Bravo® where the props ride fully submerged. Also works well on heavier 22'-27' boats, particularly with twin engines using counter rotation.

What does the Yamaha propeller series mean?

The propeller series simply relates to the gearcase diameter. See the chart below for more information.

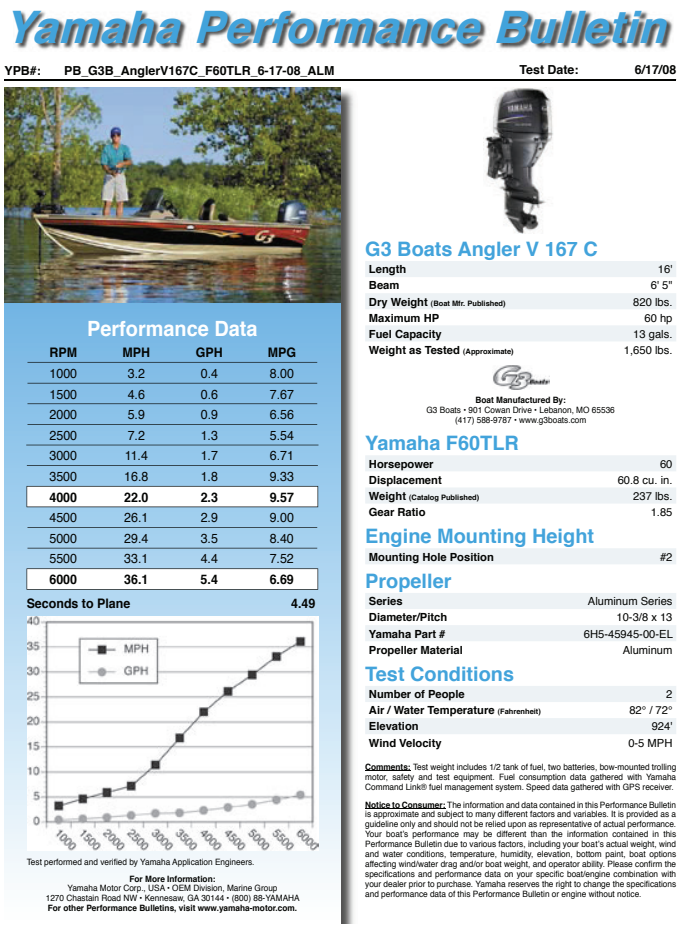
Propeller Mark	Model	Gear Case Diameter	Spline Count
A	2		
BS	F2.5		
B	4, 5		
BA	4, 5, F4, F4A, F6A		
N	6, 8, F6, F8		
R	T8, T9.9		
J	9.9 ~ F20		
F	20~30, F25	3.00"	
G	40~55, T25~F60	3.50"	13
K, KL	60~130, T50~F115	4.25"	15
M/T, ML/TL	150~300, F150 ~ F300 (4.2L V6)	4.75"	15
X, XL	F300/F350TR (V8)	5.25"	

How to Pick a Propeller

When it comes to 'proper propping', there's no magic bullet or one particular prop that perfect for all boat types and engine applications due to the litany of performance variables, but there are ways to 'hone in' on what you need. As a general rule, the correct propeller will allow your engine to reach the upper portion of the WOT (wide open throttle) range specified by the manufacturer without exceeding it, with a normal-to-heavy load. For example, if your outboard says WOT is 5000-6000 rpm, you need a prop that will allow your engine to turn between approximately 5700 and 6000 rpm with your average-to-heavy load in the boat. Be sure to account for things like fuel, full bait and/or live wells, batteries, passengers, and all gear, including safety gear like anchors, ropes, etc.

To begin, check Yamaha's Performance Bulletins on our website: *http://yamahaoutboards.com/owner-resources/performance-bulletins.*

Choose the type of boat most similar to yours (or the one you want), and note what propeller is listed. Next, check out the propeller solutions applicable to your particular horsepower Yamaha outboard in our propeller charts located in the propellers section of our marine website's landing page *http://www.yamahaoutboards/propellers/picking-a-propeller* (there's a great deal of other great information in here, too!). Look for the same series name and pitch of propeller as the Performance Bulletin, then adjust the pitch depending on weight and altitude (heavier weight or higher altitude, pitch down…light or low, pitch even or slightly up). Each inch of propeller pitch is equal to approximately 150-200 rpm.



Yamaha Performance Bulletin

YPB#: PB_G3B_AnglerV167C_F60TLR_6-17-08_ALM **Test Date:** 6/17/08

G3 Boats Angler V 167 C

Length	16'
Beam	6' 5"
Dry Weight (Boat Mfr. Published)	820 lbs.
Maximum HP	60 hp
Fuel Capacity	13 gals.
Weight as Tested (Approximate)	1,650 lbs.

Boat Manufactured By:
G3 Boats • 901 Cowan Drive • Lebanon, MO 65536
(417) 588-9787 • www.g3boats.com

Yamaha F60TLR

Horsepower	60
Displacement	60.8 cu. in.
Weight (Catalog Published)	237 lbs.
Gear Ratio	1.85

Engine Mounting Height

Mounting Hole Position	#2

Propeller

Series	Aluminum Series
Diameter/Pitch	10-3/8 x 13
Yamaha Part #	6H5-45945-00-EL
Propeller Material	Aluminum

Test Conditions

Number of People	2
Air / Water Temperature (Fahrenheit)	82° / 72°
Elevation	924'
Wind Velocity	0-5 MPH

Comments: Test weight includes 1/2 tank of fuel, two batteries, bow-mounted trolling motor, safety and test equipment. Fuel consumption data gathered with Yamaha Command Link® fuel management system. Speed data gathered with GPS receiver.

Notice to Consumer: The information and data contained in this Performance Bulletin is approximate and subject to many different factors and variables. It is provided as a guideline only and should not be relied upon as representative of actual performance. Your boat's performance may be different than the information contained in this Performance Bulletin due to various factors, including your boat's actual weight, wind and water conditions, temperature, humidity, elevation, bottom paint, boat options affecting wind/water drag and/or boat weight, and operator ability. Please confirm the specifications and performance data on your specific boat/engine combination with your dealer prior to purchase. Yamaha reserves the right to change the specifications and performance data of this Performance Bulletin or engine without notice.

Performance Data

RPM	MPH	GPH	MPG
1000	3.2	0.4	8.00
1500	4.6	0.6	7.67
2000	5.9	0.9	6.56
2500	7.2	1.3	5.54
3000	11.4	1.7	6.71
3500	16.8	1.8	9.33
4000	**22.0**	**2.3**	**9.57**
4500	26.1	2.9	9.00
5000	29.4	3.5	8.40
5500	33.1	4.4	7.52
6000	**36.1**	**5.4**	**6.69**

Seconds to Plane 4.49

Test performed and verified by Yamaha Application Engineers.

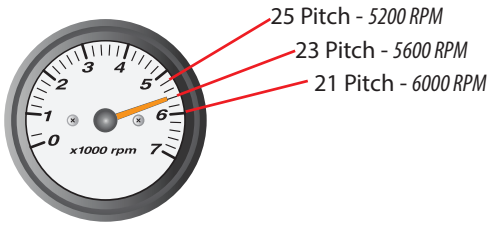
For More Information:
Yamaha Motor Corp., USA • OEM Division, Marine Group
1270 Chastain Road NW • Kennesaw, GA 30144 • (800) 88-YAMAHA
For other Performance Bulletins, visit www.yamaha-motor.com.

Don't see a Performance Bulletin for the same type boat as what you've got? Look on the outside barrel for the pitch or remove the prop and look on the inside of the hub for the propeller 'size', then consult the charts and adjust the pitch accordingly.

Propeller Terminology

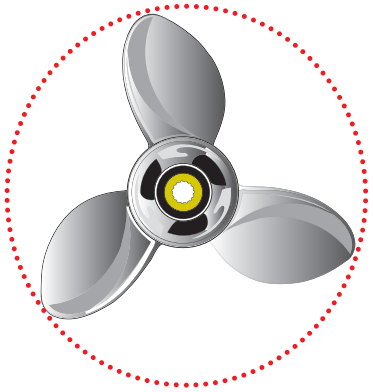
Pitch

Pitch is the distance (in inches) a particular prop would theoretically travel in one full revolution, as if traveling through a solid. A lower pitch will have better hole shot and "pushing power" but a lower top speed, while a higher pitch prop will provide less acceleration, but a greater potential for higher top speeds. The correct propeller will allow your engine to reach the upper portion of the WOT range specified by the manufacturer with a normal-to-heavy load (without exceeding it). Each inch of pitch is equal to approximately 150 +/- 50 RPM.



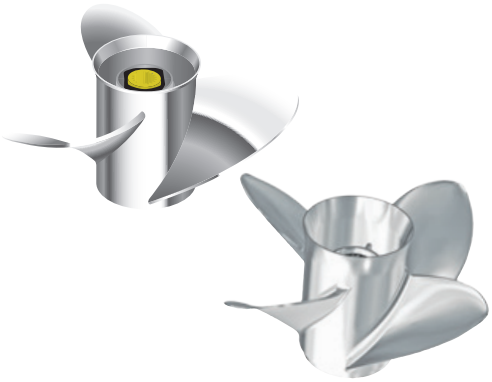
Diameter

Diameter means the total width of the "circle" at the blade tips as the propeller spins. A larger diameter pushes more water and reaches deeper into the water, so they're typically used on large, heavy boats or ones with high engine mounting heights. A smaller diameter is usually used on lighter weight boats, where the prop operates lower in the water or when a gain in engine RPM is desired.



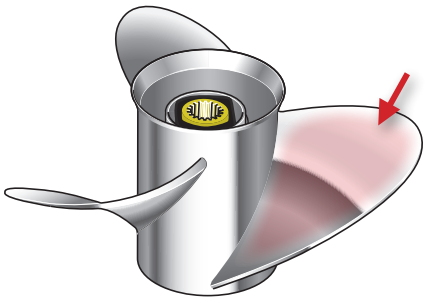
Number of Blades

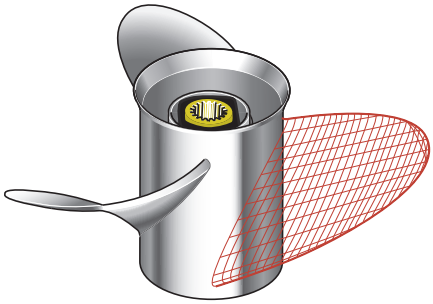
Three-bladed propellers are the most common, offering good overall performance, top speed, and efficiency for most applications. Four blades characteristically provide increased acceleration, enhanced bow- and stern-lift, and reduced ventilation. However, four blades typically mean more drag on the engine, resulting in lower top speeds and different handling characteristics.



Blade Surface Area

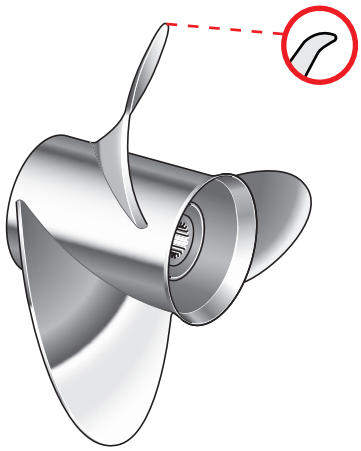
Blade surface area refers to the total surface of the blades. The more blade surface area a prop has the more water it pushes, for better hole shot and increased planing efficiency. Too much can create significantly more drag, however, potentially restricting engine RPM and causing negative boat-handling issues.





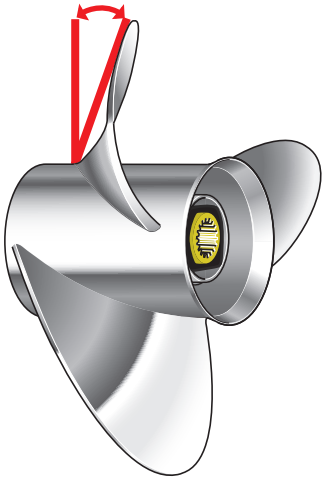
Blade Geometry

Blade geometry refers to the actual shape of the blade (or ear). By manipulating the blade's shape, diameter and pitch progression, different performance characteristics are created for each different type and style of propeller.



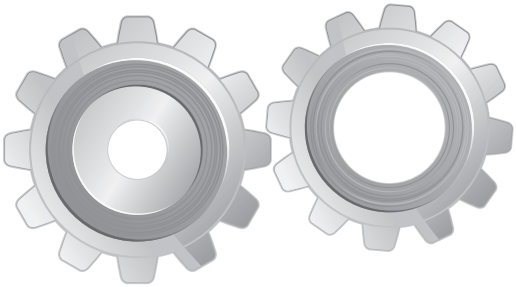
Cup

Cup is the small curved lip on the blade tip and/or trailing edge. Used in proper amounts, cup helps reduce ventilation and propeller slippage, allowing for higher mounting heights and greater bow lift. Too much cup, however, will cause excessive steering torque and bow lift and limit the engine's ability to develop and maintain proper RPM at a certain pitch.



Rake

Rake is the angle of the blades in relation to the propeller's barrel, or center, and is expressed in degrees. A high rake propeller is best suited for high engine mount applications by helping reduce ventilation and increasing bow lift. Too much rake, however, strains the engine, decreases hole shot and can produce negative performance and handling results. A propeller with a low rake angle will cause less strain on the engine, resulting in potentially better hole shot and higher WOT operating rpm.



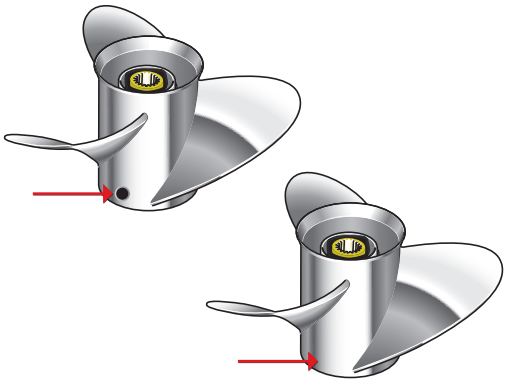
Gear Ratio

Gear ratio on a marine engine refers to the gears used in the lower unit, much like an automobile's transmission. The higher the ratio, the more pushing power the engine will produce. The lower the ratio, the more top speed the engine can potentially generate. It's important to choose a propeller that allows the engine to operate near the upper end of the manufacturer's recommended wide-open throttle (WOT) RPM under normal loads and conditions.

Ventilation

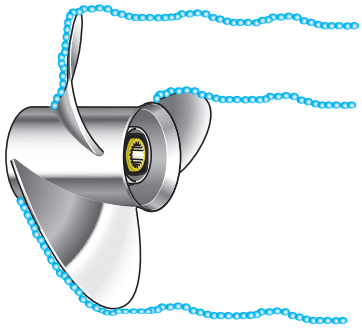
Ventilation is when air is drawn in around the propeller blades. Normally, this causes a gain in rpm, but a loss of speed, since the propeller blades are not biting clean water. This most usually occurs during hard cornering or in certain water conditions, such as following seas.

Controlled ventilation can be beneficial, though, in helping the engine gain rpm during hard acceleration. This is engineered into certain propellers, and is most-usually used on two stroke outboards. An example of this is the small holes in the side of the propeller barrel which allow exhaust to intentionally be drawn in around the blades at hole shot. This helps two stroke engines generate the higher rpm they need for proper hole shot performance. Four stroke engines typically don't need them.



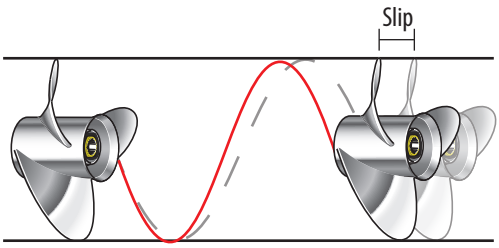
Cavitation

Cavitation occurs when pressure on the water across the blade's surface is reduced to the point of becoming water vapor, forming bubbles. If these bubbles burst, they can cause a cavitation burn which can deteriorate the propeller's surface and cause negative performance issues. As this condition can cause an increase in engine rpm, it's often confused with ventilation.



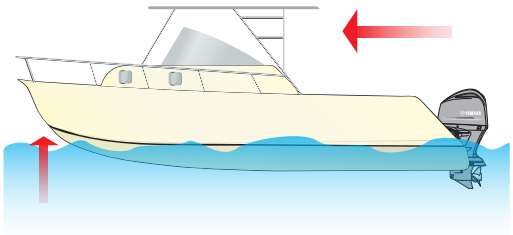
Slip

Slip is the amount of wasted energy a particular prop generates, meaning that the actual distance traveled in one full propeller revolution is less than its pitch measurement. It is normally expressed as a percentage of inefficiency. A certain amount of slip is engineered into each line of propellers to create different performance characteristics.



Hole Shot

"Hole shot" refers to rapid acceleration of the boat, from a standing rest or very slow speed until just on-plane. This is when the engine and the propeller work their hardest.



Propellers for Two Stroke 2-15, and Four Stroke F2.5-F20

Model	Series	Diameter	Pitch	Hub	Part Number**
2	Plastic	7 1⁄4	4	shear pin	6A1-45943-00-00
2	Aluminum	7 1⁄4	4 1⁄2	shear pin	646-45944-01-00
2	Aluminum	7 1⁄4	5 1⁄2	shear pin	646-45942-01-00
3/F2.5	Aluminum	7 1⁄4	5	pressed in	6L5-45949-00-00
3/F2.5	Aluminum	7 1⁄2	5 1⁄2	pressed in	6L5-45952-00-00
3/F2.5	Aluminum	7 1⁄4	6	pressed in	6L5-45943-00-00
3/F2.5	Aluminum	7 1⁄4	7 1⁄4	pressed in	6L5-45945-00-00
4/5 (84~91)	Aluminum	7 1/4	8	pressed in	6E0-45941-09-00
3/F2.5	Aluminum	7 1⁄4	8 1⁄4	pressed in	6L5-45947-00-00
4/F4/F4A/F6A single cyl.	Aluminum	7 1/4	6 1/2	pressed in	6E0-45949-00-00
4/F4/F4A/F6A single cyl.	Aluminum	7 1/4	8 1/4	pressed in	6E0-45952-00-00
4/F4/F4A/F6A single cyl.	Aluminum	7 1⁄2	7	pressed in	6E0-45943-01-00
4/F4/F4A/F6A single cyl.	Aluminum	7 1/2	8	pressed in	6E0-45941-01-00
4/F4/F4A/F6A single cyl.	Aluminum	7 1/2	9	pressed in	6E0-45954-00-00
6/8/F6/F8/F9.9F	Dual Thrust™, Aluminum	9	5	pressed in	6G1-W4592-00-00
6/8/F6/F8/F9.9F	Dual Thrust™, Aluminum	9	7	pressed in	6G1-W4591-01-00
6/8/F6/F8/F9.9F	Aluminum	8 1⁄2	6 1⁄2	pressed in	6G1-45947-00-00
6/8/F6/F8/F9.9F	Aluminum	8 1⁄2	7 1⁄2	pressed in	6G1-45943-00-00
6/8/F6/F8/F9.9F	Aluminum	8 1⁄2	8	pressed in	6G1-45952-00-00
6/8/F6/F8/F9.9F	Aluminum	8 1⁄2	8 1⁄2	pressed in	6G1-45941-00-00
T8	Aluminum	11 3⁄4	5 3⁄4	pressed in	69G-45941-00-00
F9.9	Dual Thrust, Aluminum	9 3⁄4	6 1⁄2	pressed in	683-W4592-02-00
T9.9	Dual Thrust, Aluminum	11 3/4	7	pressed in	69G-45943-00-00
T9.9	Dual Thrust, Aluminum	11 3⁄4	9 1⁄4	pressed in	6G8-45947-00-00
T9.9	Dual Thrust, Plastic	11 3⁄4	9 1⁄4	pressed in	6G8-45945-00-00
T9.9	Dual Thrust, Plastic	11 3⁄4	11	pressed in	6G8-45941-00-00
T9.9	Dual Thrust, Plastic	11 3⁄4	12 1⁄4	pressed in	6G8-45943-00-00
9.9/15, F9.9, F15C/F20	Aluminum	9 1/2	6 1/2	pressed in	683-45949-00-00
9.9/15, F9.9, F15C/F20	Dual Thrust, Aluminum	9 3⁄4	8	pressed in	683-W4591-02-00
9.9/15, F9.9, F15C/F20	Weedless, Aluminum	9 1⁄4	8	pressed in	683-45947-00-00
9.9/15, F9.9, F15C/F20	Weedless, Aluminum	9 1⁄4	9	pressed in	683-45945-00-00
9.9/15, F9.9, F15C/F20	Aluminum	9 1⁄4	8	pressed in	63V-45947-00-00**
9.9/15, F9.9, F15C/F20	Aluminum	9 1⁄4	9	pressed in	63V-45945-10-00**
9.9/15, F9.9, F15C/F20	Aluminum	9 1⁄4	9 3⁄4	pressed in	683-45952-00-00
9.9/15, F9.9, F15C/F20	Aluminum	9 1⁄4	10	pressed in	63V-45952-10-00**
9.9/15, F9.9, F15C/F20	Aluminum	9 1⁄4	10 1/2	pressed in	683-45943-00-00
9.9/15, F9.9, F15C/F20	Aluminum	9 1⁄4	11	pressed in	63V-45943-10-00**
9.9/15, F9.9, F15C/F20	Aluminum	9 1⁄4	12	pressed in	683-45941-00-00
9.9/15, F9.9, F15C/F20	Aluminum	9 1⁄4	12	pressed in	63V-45941-10-00**

**NOTE: Propeller does not include deflector ring (6G8-45986-00-00).*

***NOTE: Propeller part numbers beginning with "63V-" denote propellers with cupped blades.*

F Series Propellers for 3.0" Gearcases

Yamaha Models 20, 25, C25, F25, and 30

F Series Propellers for Yamaha Outboards

Diameter	Pitch	RH / LH	Series	Hub	Blades	Gearcase	Part Number	Recommended Use
10 5⁄8	8 1⁄4	RH	Dual Thrust™, Aluminum	pressed in	3	3.0"	6J8-W4591-00-00	Family and Water Sports
9 7⁄8	8	RH	Aluminum	pressed in	3	3.0"	664-45943-01-00	Family, Water Sports, Medium, and Small Boats
9 7⁄8	9	RH	Aluminum	pressed in	3	3.0"	664-45941-01-00	Family, Water Sports, Medium, and Small Boats
9 7⁄8	10 1⁄2	RH	Aluminum	pressed in	3	3.0"	664-45945-00-00	Family, Water Sports, Medium, and Small Boats
9 7⁄8	11 1⁄4	RH	Aluminum	pressed in	3	3.0"	664-45947-01-00	Family, Water Sports, Medium, and Small Boats
9 7⁄8	12	RH	Aluminum	pressed in	3	3.0"	664-45954-01-00	Family, Water Sports, Medium, and Small Boats
9 7⁄8	13	RH	Aluminum	pressed in	3	3.0"	664-45949-02-00	Family, Water Sports, Medium, and Small Boats
9 7⁄8	14	RH	Aluminum	pressed in	3	3.0"	664-45952-00-00	Family, Water Sports, Medium, and Small Boats
9 1⁄8	12	RH	Weedless, Painted Stainless Steel	pressed in	3	3.0"	664-45972-00-00	Medium and Small Boats
9 1⁄8	13	RH	Weedless, Painted Stainless Steel	pressed in	3	3.0"	664-45970-00-00	Medium and Small Boats
10 1⁄8	10	RH	Performance 3-Blade	pressed in	3	3.0"	MAR-GYT3B-02-10	Family, Water Sports, Medium, and Small Boats
10 1⁄8	11	RH	Performance 3-Blade	pressed in	3	3.0"	MAR-GYT3B-02-11	Family, Water Sports, Medium, and Small Boats
10 1⁄8	12	RH	Performance 3-Blade	pressed in	3	3.0"	MAR-GYT3B-02-12	Family, Water Sports, Medium, and Small Boats
10 1⁄8	13	RH	Performance 3-Blade	pressed in	3	3.0"	MAR-GYT3B-02-13	Family, Water Sports, Medium, and Small Boats
10 1⁄8	14	RH	Performance 3-Blade	pressed in	3	3.0"	MAR-GYT3B-02-14	Family, Water Sports, Medium, and Small Boats
10 1/8	10	RH	Hot Shot For Yamaha	pressed-in	3	3.0"	MAR-10110-YR-B0	Medium and Small Boats
10 1/8	11	RH	Hot Shot For Yamaha	pressed-in	3	3.0"	MAR-10111-YR-B0	Medium and Small Boats
10 1/8	12	RH	Hot Shot For Yamaha	pressed-in	3	3.0"	MAR-10112-YR-B0	Medium and Small Boats
10 1/8	13	RH	Hot Shot For Yamaha	pressed-in	3	3.0"	MAR-10113-YR-B0	Medium and Small Boats
10 1/8	14	RH	Hot Shot For Yamaha	pressed-in	3	3.0"	MAR-10114-YR-B0	Medium and Small Boats
10 1/8	15	RH	Hot Shot For Yamaha	pressed-in	3	3.0"	MAR-10115-YR-B0	Medium and Small Boats

F Series Turbo Propellers for Other Outboards

Diameter	Pitch	RH / LH	Series	Hub	Blades	Gearcase	Part Number	Recommended Use
10 1⁄8	10	RH	Hot Shot For Johnson®, Evinrude®	pressed-in	3	3.0"	MAR-10110-0R-B0	Medium and Small Boats
10 1/8	11	RH	Hot Shot For Johnson®, Evinrude®	pressed-in	3	3.0"	MAR-10111-0R-B0	Medium and Small Boats
10 1/8	12	RH	Hot Shot For Johnson®, Evinrude®	pressed-in	3	3.0"	MAR-10112-0R-B0	Medium and Small Boats
10 1/8	13	RH	Hot Shot For Johnson®, Evinrude®	pressed-in	3	3.0"	MAR-10113-0R-B0	Medium and Small Boats
10 1/8	14	RH	Hot Shot For Johnson®, Evinrude®	pressed-in	3	3.0"	MAR-10114-0R-B0	Medium and Small Boats
10 1/8	15	RH	Hot Shot For Johnson®, Evinrude®	pressed-in	3	3.0"	MAR-10115-0R-B0	Medium and Small Boats
10 1/8	10	RH	Hot Shot For Mercury®	pressed-in	3	3.0"	MAR-10110-MR-B0	Medium and Small Boats
10 1/8	11	RH	Hot Shot For Mercury®	pressed-in	3	3.0"	MAR-10111-MR-B0	Medium and Small Boats
10 1/8	12	RH	Hot Shot For Mercury®	pressed-in	3	3.0"	MAR-10112-MR-B0	Medium and Small Boats
10 1/8	13	RH	Hot Shot For Mercury®	pressed-in	3	3.0"	MAR-10113-MR-B0	Medium and Small Boats
10 1/8	14	RH	Hot Shot For Mercury®	pressed-in	3	3.0"	MAR-10114-MR-B0	Medium and Small Boats
10 1/8	15	RH	Hot Shot For Mercury®	pressed-in	3	3.0"	MAR-10115-MR-B0	Medium and Small Boats
10 1/8	10	RH	Hot Shot For Nissan®/Tohatsu®	pressed-in	3	3.0"	MAR-10110-NR-B0	Medium and Small Boats
10 1/8	11	RH	Hot Shot For Nissan®/Tohatsu®	pressed-in	3	3.0"	MAR-10111-NR-B0	Medium and Small Boats
10 1/8	12	RH	Hot Shot For Nissan®/Tohatsu®	pressed-in	3	3.0"	MAR-10112-NR-B0	Medium and Small Boats
10 1/8	13	RH	Hot Shot For Nissan®/Tohatsu®	pressed-in	3	3.0"	MAR-10113-NR-B0	Medium and Small Boats
10 1/8	14	RH	Hot Shot For Nissan®/Tohatsu®	pressed-in	3	3.0"	MAR-10114-NR-B0	Medium and Small Boats
10 1/8	15	RH	Hot Shot For Nissan®/Tohatsu®	pressed-in	3	3.0"	MAR-10115-NR-B0	Medium and Small Boats
10 1/8	10	RH	Hot Shot For Suzuki®	pressed-in	3	3.0"	MAR-10110-SR-B0	Medium and Small Boats
10 1/8	11	RH	Hot Shot For Suzuki®	pressed-in	3	3.0"	MAR-10111-SR-B0	Medium and Small Boats
10 1/8	12	RH	Hot Shot For Suzuki®	pressed-in	3	3.0"	MAR-10112-SR-B0	Medium and Small Boats
10 1/8	13	RH	Hot Shot For Suzuki®	pressed-in	3	3.0"	MAR-10113-SR-B0	Medium and Small Boats
10 1/8	14	RH	Hot Shot For Suzuki®	pressed-in	3	3.0"	MAR-10114-SR-B0	Medium and Small Boats
10 1/8	15	RH	Hot Shot For Suzuki®	pressed-in	3	3.0"	MAR-10115-SR-B0	Medium and Small Boats

G Series Propellers for 3.5" Gearcases

Yamaha Models T25, F30, 40, C40, F40, E48, 50, C50, F50, 55, F60

G Series Propellers for Yamaha Outboards

Diameter	Pitch	RH / LH	Series	Hub	Blades	Gearcase	Part Number	Recommended Use
12 1/4	8	RH	Aluminum	pressed in	3	3.5"	63D-45941-00-00	Family, Water Sports, Medium, and Small Boats
12 1/4	9	RH	Dual Thrust™, Aluminum	pressed in	3	3.5"	68U-45941-00-00	Family and Water Sports
12 1/4	9	RH	Aluminum	pressed in	3	3.5"	663-45956-01-00	Family, Water Sports, Medium, and Small Boats
11 3/8	12	RH	Aluminum	pressed in	3	3.5"	69W-45952-00-00**	Family, Water Sports, Medium, and Small Boats
11 5/8	11	RH	Aluminum	pressed in	3	3.5"	69W-45947-00-00**	Family, Water Sports, Medium, and Small Boats
10 5/8	12	RH	Aluminum	pressed in	3	3.5"	6H5-45952-00-00**	Family, Water Sports, Medium, and Small Boats
10 3/8	13	RH	Aluminum	pressed in	3	3.5"	6H5-45945-00-00**	Family, Water Sports, Medium, and Small Boats
11 1/8	13	RH	Aluminum	pressed in	3	3.5"	69W-45945-00-00**	Family, Water Sports, Medium, and Small Boats
10 1/4	14	RH	Aluminum	pressed in	3	3.5"	6H5-45958-00-00**	Family, Water Sports, Medium, and Small Boats
11 1/4	14	RH	Aluminum	pressed in	3	3.5"	663-45958-01-00	Family, Water Sports, Medium, and Small Boats
11 1/4	14	RH	Aluminum	pressed in	3	3.5"	69W-45958-00-00**	Family, Water Sports, Medium, and Small Boats
10	15	RH	Aluminum	pressed in	3	3.5"	6H5-45943-00-00**	Family, Water Sports, Medium, and Small Boats
11	15	RH	Aluminum	pressed in	3	3.5"	69W-45943-00-00**	Family, Water Sports, Medium, and Small Boats
10 3/4	16	RH	Aluminum	pressed in	3	3.5"	663-45949-01-00	Family, Water Sports, Medium, and Small Boats
10 3/4	17	RH	Aluminum	pressed in	3	3.5"	663-45941-01-00	Family, Water Sports, Medium, and Small Boats
10 1/2	12	RH	Performance 3-Blade	pressed in	3	3.5"	MAR-GYT3B-03-12	Family, Water Sports, Medium, and Small Boats
10 1/2	13	RH	Performance 3-Blade	pressed in	3	3.5"	MAR-GYT3B-03-13	Family, Water Sports, Medium, and Small Boats
10 1/2	14	RH	Performance 3-Blade	pressed in	3	3.5"	MAR-GYT3B-03-14	Family, Water Sports, Medium, and Small Boats
10 1/2	15	RH	Performance 3-Blade	pressed in	3	3.5"	MAR-GYT3B-03-15	Family, Water Sports, Medium, and Small Boats

***Propeller part numbers beginning with "6H5-" denote propellers with cupped blades. Propeller part numbers beginning with "69W-" denote heavier-duty propellers.*

G Series Propellers for Yamaha Outboards Continued...

Diameter	Pitch	RH / LH	Series	Hub	Blades	Gearcase	Part Number	Recommended Use
12	11	RH	Painted Stainless Steel	pressed in	3	3.5"	663-45972-60-00	Family, Water Sports, Medium, and Small Boats
11 3⁄4	12	RH	Painted Stainless Steel	pressed in	3	3.5"	663-45970-60-00	Family, Water Sports, Medium, and Small Boats
11 1⁄2	13	RH	Painted Stainless Steel	pressed in	3	3.5"	663-45974-60-00	Family, Water Sports, Medium, and Small Boats
10 1⁄4	14	RH	Painted Stainless Steel	pressed in	3	3.5"	663-45930-00-00	Family, Water Sports, Medium, and Small Boats
11 1/4	14	RH	Painted Stainless Steel	pressed in	3	3.5"	697-45970-00-00	Family, Water Sports, Medium, and Small Boats
10 1⁄4	15	RH	Painted Stainless Steel	pressed in	3	3.5"	663-45976-00-00	Family, Water Sports, Medium, and Small Boats
10 1⁄4	16	RH	Painted Stainless Steel	pressed in	3	3.5"	663-45978-00-00	Family, Water Sports, Medium, and Small Boats

TURBO THE PERFORMANCE PROP G Series Propellers for Yamaha and Other Outboards

Diameter	Pitch	RH / LH	Series	Hub	Blades	Gearcase	Part Number	Recommended Use
10 1/2	10	RH	Hot Shot	See Hub Charts*	3	3.5"	MAR-10510-HR-C0	Medium and Small Boats
10 1/2	11	RH	Hot Shot	See Hub Charts*	3	3.5"	MAR-10511-HR-C0	Medium and Small Boats
10 1/2	12	RH	Hot Shot	See Hub Charts*	3	3.5"	MAR-10512-HR-C0	Medium and Small Boats
10 1/2	13	RH	Hot Shot	See Hub Charts*	3	3.5"	MAR-10513-HR-C0	Medium and Small Boats
10 1/2	14	RH	Hot Shot	See Hub Charts*	3	3.5"	MAR-10514-HR-C0	Medium and Small Boats
10 1/2	15	RH	Hot Shot	See Hub Charts*	3	3.5"	MAR-10515-HR-C0	Medium and Small Boats
10 1/2	16	RH	Hot Shot	See Hub Charts*	3	3.5"	MAR-10516-HR-C0	Medium and Small Boats
11 3/4	13	RH	Hot Shot For Johnson®, Evinrude®	See Hub Charts*	3	3.5"	MAR-11713-HR-C0	Medium and Small Boats
11 3/4	15	RH	Hot Shot For Johnson®, Evinrude®	See Hub Charts*	3	3.5"	MAR-11715-HR-C0	Medium and Small Boats
11 3/4	17	RH	Hot Shot For Johnson®, Evinrude®	See Hub Charts*	3	3.5"	MAR-11717-HR-C0	Medium and Small Boats
11 3/4	19	RH	Hot Shot For Johnson®, Evinrude®	See Hub Charts*	3	3.5"	MAR-11719-HR-C0	Medium and Small Boats

** All Turbo propellers "G" series (3.5" gearcase diameter and up require a Guardian SQ-LOK™ hub kit or similar universal hub system. (sold separately) Please see the "Turbo Hub Application Charts" beginning on page 5-37 to determine your required hub.*

G Series Propellers for Yamaha and Other Outboards Continued...

Diameter	Pitch	RH / LH	Series	Hub	Blades	Gearcase	Part Number	Recommended Use
12	9	RH	PONTOON 1	See Hub Charts*	3	3.5"	MAR-12009-PR-C0	Family, Water Sports, Medium, and Small Boats
12	11	RH	PONTOON 1	See Hub Charts*	3	3.5"	MAR-12011-PR-C0	Family, Water Sports, Medium, and Small Boats
12	12	RH	PONTOON 1	See Hub Charts*	3	3.5"	MAR-12012-PR-C0	Family, Water Sports, Medium, and Small Boats
12	13	RH	PONTOON 1	See Hub Charts*	3	3.5"	MAR-12013-PR-C0	Family, Water Sports, Medium, and Small Boats
12	15	RH	PONTOON 1	See Hub Charts*	3	3.5"	MAR-12015-PR-C0	Family, Water Sports, Medium, and Small Boats
12	9	RH	PONTOON 1 For Johnson®, Evinrude®	See Hub Charts*	3	3.5"	MAR-12109-PR-C0	Family, Water Sports, Medium, and Small Boats
12	11	RH	PONTOON 1 For Johnson®, Evinrude®	See Hub Charts*	3	3.5"	MAR-12111-PR-C0	Family, Water Sports, Medium, and Small Boats
12	12	RH	PONTOON 1 For Johnson®, Evinrude®	See Hub Charts*	3	3.5"	MAR-12112-PR-C0	Family, Water Sports, Medium, and Small Boats
12	13	RH	PONTOON 1 For Johnson®, Evinrude®	See Hub Charts*	3	3.5"	MAR-12113-PR-C0	Family, Water Sports, Medium, and Small Boats
12	15	RH	PONTOON 1 For Johnson®, Evinrude®	See Hub Charts*	3	3.5"	MAR-12115-PR-C0	Family, Water Sports, Medium, and Small Boats

** All Turbo propellers "G" series (3.5" gearcase diameter and up require a Guardian SQ-LOK™ hub kit or similar universal hub system. (sold separately) Please see the "Turbo Hub Application Charts" beginning on page 5-37 to determine your required hub.*

K Series Propellers for 4.25" Gearcases

Yamaha Models T50, C60, E60, P60, T60, 70, F70, P75, C75, E75, F75, F80, 90, C90, F90, F100, 115, C115, F115, P115, 130

K Series Propellers for Yamaha Outboards

Diameter	Pitch	RH / LH	Series	Hub	Blades	Gearcase	Part Number	Recommended Use
14	11	RH	Dual Thrust™, Aluminum	pressed in	3	4.25"	68S-45941-00-00	Family and Water Sports
14	11	RH	Aluminum	pressed in	3	4.25"	6E5-45954-00-00	Family, Water Sports, Medium, and Small Boats
13 5/8	13	RH	Aluminum	pressed in	3	4.25"	6E5-45949-00-00	Family, Water Sports, Medium, and Small Boats
13 5/8	14	RH	Aluminum	pressed in	3	4.25"	6E5-45958-00-00	Family, Water Sports, Medium, and Small Boats
13 1/2	15	RH	Aluminum	pressed in	3	4.25"	6E5-45947-00-00	Family, Water Sports, Medium, and Small Boats
13 1/4	17	RH	Aluminum	pressed in	3	4.25"	6E5-45945-01-00	Family, Water Sports, Medium, and Small Boats
13 1/2	17	RH	Aluminum (Deep V Series)	pressed in	3	4.25"	68V-45941-00-00**	Family, Water Sports, Medium, and Small Boats
13 1/2	19	RH	Aluminum (Deep V Series)	pressed in	3	4.25"	68V-45943-00-00**	Family, Water Sports, Medium, and Small Boats
13	19	RH	Aluminum	pressed in	3	4.25"	6E5-45941-00-00	Family, Water Sports, Medium, and Small Boats
12 5/8	21	RH	Aluminum	pressed in	3	4.25"	6E5-45943-00-00	Family, Water Sports, Medium, and Small Boats
13	23	RH	Aluminum	pressed in	3	4.25"	6E5-45952-00-00	Family, Water Sports, Medium, and Small Boats
13	25	RH	Aluminum	pressed in	3	4.25"	6E5-45956-00-00	Family, Water Sports, Medium, and Small Boats
13 1/2	14	RH	Painted Stainless Steel	pressed in	3	4.25"	688-45932-60-00	Family, Water Sports, Medium, and Small Boats
13 1/2	16	RH	Painted Stainless Steel	pressed in	3	4.25"	688-45978-60-00	Family, Water Sports, Medium, and Small Boats
13	17	RH	Painted Stainless Steel	pressed in	3	4.25"	688-45930-02-00	Family, Water Sports, Medium, and Small Boats
13	17	LH	Painted Stainless Steel	pressed in	3	4.25"	6L6-45930-01-00	Family, Water Sports, Medium, and Small Boats
13	19	RH	Painted Stainless Steel	pressed in	3	4.25"	688-45970-03-00	Family, Water Sports, Medium, and Small Boats
13	19	LH	Painted Stainless Steel	pressed in	3	4.25"	6L6-45970-00-00	Family, Water Sports, Medium, and Small Boats
13	21	RH	Painted Stainless Steel	pressed in	3	4.25"	688-45972-02-00	Family, Water Sports, Medium, and Small Boats
13	21	LH	Painted Stainless Steel	pressed in	3	4.25"	6L6-45972-00-00	Family, Water Sports, Medium, and Small Boats
13	23	RH	Painted Stainless Steel	pressed in	3	4.25"	688-45974-02-00	Family, Water Sports, Medium, and Small Boats
13	25	RH	Painted Stainless Steel	pressed in	3	4.25"	688-45976-01-00	Family, Water Sports, Medium, and Small Boats

***Special design improves 'grip' and helps reduce ventilation on deep-vee and mod-vee hulls.*

K Series Propellers for Yamaha Outboards Continued...

Diameter	Pitch	RH / LH	Series	Hub	Blades	Gearcase	Part Number	Recommended Use
13 1/2	17	RH	Pro Series™	pressed in	3	4.25″	62A-45976-00-00	Bass, Bay, and Flats Boats
13 1⁄2	19	RH	Pro Series	pressed in	3	4.25″	62A-45974-10-00	Bass, Bay, and Flats Boats
13 1⁄2	21	RH	Pro Series	pressed in	3	4.25″	62A-45970-10-00	Bass, Bay, and Flats Boats
13 1⁄2	23	RH	Pro Series	pressed in	3	4.25″	62A-45972-10-00	Bass, Bay, and Flats Boats
13 1⁄4	14	RH	Performance 3-Blade	pressed in	3	4.25″	MAR-GYT3B-V4-14	Family, Water Sports, Medium, and Small Boats
13 1⁄4	14	LH	Performance 3-Blade	pressed in	3	4.25″	MAR-GYT3B-L4-14	Family, Water Sports, Medium, and Small Boats
13 1⁄4	16	RH	Performance 3-Blade	pressed in	3	4.25″	MAR-GYT3B-V4-16	Family, Water Sports, Medium, and Small Boats
13 1⁄4	16	LH	Performance 3-Blade	pressed in	3	4.25″	MAR-GYT3B-L4-16	Family, Water Sports, Medium, and Small Boats
13 1⁄4	18	RH	Performance 3-Blade	pressed in	3	4.25″	MAR-GYT3B-V4-18	Family, Water Sports, Medium, and Small Boats
13 1⁄4	18	LH	Performance 3-Blade	pressed in	3	4.25″	MAR-GYT3B-L4-18	Family, Water Sports, Medium, and Small Boats
13 1⁄4	20	RH	Performance 3-Blade	pressed in	3	4.25″	MAR-GYT3B-V4-20	Family, Water Sports, Medium, and Small Boats
13 1⁄4	20	LH	Performance 3-Blade	pressed in	3	4.25″	MAR-GYT3B-L4-20	Family, Water Sports, Medium, and Small Boats
13 1⁄4	22	RH	Performance 3-Blade	pressed in	3	4.25″	MAR-GYT3B-V4-22	Family, Water Sports, Medium, and Small Boats
13 1⁄4	22	LH	Performance 3-Blade	pressed in	3	4.25″	MAR-GYT3B-L4-22	Family, Water Sports, Medium, and Small Boats
13 1⁄4	24	RH	Performance 3-Blade	pressed in	3	4.25″	MAR-GYT3B-V4-24	Family, Water Sports, Medium, and Small Boats
13 1⁄4	18	RH	Performance 4-Blade	pressed in	4	4.25″	MAR-GYT4B-V4-18	Bass, Bay, and Flats Boats
13 1⁄4	20	RH	Performance 4-Blade	pressed in	4	4.25″	MAR-GYT4B-V4-20	Bass, Bay, and Flats Boats
13 1⁄4	22	RH	Performance 4-Blade	pressed in	4	4.25″	MAR-GYT4B-V4-22	Bass, Bay, and Flats Boats
13 1⁄4	23	RH	Performance 4-Blade	pressed in	4	4.25″	MAR-GYT4B-V4-23	Bass, Bay, and Flats Boats
14	9	RH	Pontoon Performance Series	pressed in	3	4.25″	MAR-PNTN3-V4-09	Family, Water Sports, Medium, and Small Boats
14	10	RH	Pontoon Performance Series	pressed in	3	4.25″	MAR-PNTN3-V4-10	Family, Water Sports, Medium, and Small Boats
14	11	RH	Pontoon Performance Series	pressed in	3	4.25″	MAR-PNTN3-V4-11	Family, Water Sports, Medium, and Small Boats
14	12	RH	Pontoon Performance Series	pressed in	3	4.25″	MAR-PNTN3-V4-12	Family, Water Sports, Medium, and Small Boats
14	13	RH	Pontoon Performance Series	pressed in	3	4.25″	MAR-PNTN3-V4-13	Family, Water Sports, Medium, and Small Boats

***Special design improves 'grip' and helps reduce ventilation on deep-vee and mod-vee hulls.**

K Series Propellers for Yamaha and Other Outboards

Diameter	Pitch	RH / LH	Series	Hub	Blades	Gearcase	Part Number	Recommended Use
13 1/4	14	RH	FX4	See Hub Charts*	4	4.25"	MAR-13414-XR-D0	Bass, Bay, Flats, Medium, and Small Boats
13 1/4	16	RH	FX4	See Hub Charts*	4	4.25"	MAR-13416-XR-D0	Bass, Bay, Flats, Medium, and Small Boats
13 1/4	18	RH	FX4	See Hub Charts*	4	4.25"	MAR-13418-XR-D0	Bass, Bay, Flats, Medium, and Small Boats
13 1/4	20	RH	FX4	See Hub Charts*	4	4.25"	MAR-13420-XR-D0	Bass, Bay, Flats, Medium, and Small Boats
13 1/4	22	RH	FX4	See Hub Charts*	4	4.25"	MAR-13422-XR-D0	Bass, Bay, Flats, Medium, and Small Boats
13 1/4	23	RH	FX4	See Hub Charts*	4	4.25"	MAR-13423-XR-D0	Bass, Bay, Flats, Medium, and Small Boats
13 1/4	24	RH	FX4	See Hub Charts*	4	4.25"	MAR-13424-XR-D0	Bass, Bay, Flats, Medium, and Small Boats
13 1/4	25	RH	FX4	See Hub Charts*	4	4.25"	MAR-13425-XR-D0	Bass, Bay, Flats, Medium, and Small Boats
14	9	RH	PONTOON 1	See Hub Charts*	3	4.25"	MAR-14009-PR-D0	Family, Water Sports, Medium, and Small Boats
14	11	RH	PONTOON 1	See Hub Charts*	3	4.25"	MAR-14011-PR-D0	Family, Water Sports, Medium, and Small Boats
14	13	RH	PONTOON 1	See Hub Charts*	3	4.25"	MAR-14013-PR-D0	Family, Water Sports, Medium, and Small Boats
14	15	RH	PONTOON 1	See Hub Charts*	3	4.25"	MAR-14015-PR-D0	Family, Water Sports, Medium, and Small Boats
14	9	RH	PONTOON 1 For Johnson®, Evinrude®	See Hub Charts*	3	4.25"	MAR-14109-PR-D0	Family, Water Sports, Medium, and Small Boats
14	11	RH	PONTOON 1 For Johnson®, Evinrude®	See Hub Charts*	3	4.25"	MAR-14111-PR-D0	Family, Water Sports, Medium, and Small Boats
14	13	RH	PONTOON 1 For Johnson®, Evinrude®	See Hub Charts*	3	4.25"	MAR-14113-PR-D0	Family, Water Sports, Medium, and Small Boats
14	15	RH	PONTOON 1 For Johnson®, Evinrude®	See Hub Charts*	3	4.25"	MAR-14115-PR-D0	Family, Water Sports, Medium, and Small Boats
13 1/4	13	RH	TURBO 1	See Hub Charts*	3	4.25"	MAR-13213-TR-D0	Family, Water Sports, Medium, and Small Boats
13 1/4	15	RH	TURBO 1	See Hub Charts*	3	4.25"	MAR-13215-TR-D0	Family, Water Sports, Medium, and Small Boats
13 1/4	17	RH	TURBO 1	See Hub Charts*	3	4.25"	MAR-13217-TR-D0	Family, Water Sports, Medium, and Small Boats
13 1/4	19	RH	TURBO 1	See Hub Charts*	3	4.25"	MAR-13219-TR-D0	Family, Water Sports, Medium, and Small Boats
13 1/4	21	RH	TURBO 1	See Hub Charts*	3	4.25"	MAR-13221-TR-D0	Family, Water Sports, Medium, and Small Boats
13 1/4	23	RH	TURBO 1	See Hub Charts*	3	4.25"	MAR-13223-TR-D0	Family, Water Sports, Medium, and Small Boats

** All Turbo propellers "G" series (3.5" gearcase diameter and up require a Guardian SQ-LOK™ hub kit or similar universal hub system. (sold separately) Please see the "Turbo Hub Application Charts" beginning on page 5-37 to determine your required hub.*

K Series Propellers for Yamaha and Other Outboards Continued...

Diameter	Pitch	RH / LH	Series	Hub	Blades	Gearcase	Part Number	Recommended Use
14	16	RH	TURBO 1 FOR SUZUKI®	See Hub Charts*	3	4.25″	MAR-14016-SR-E0	Family, Water Sports, Medium, and Small Boats
14	18	RH	TURBO 1 FOR SUZUKI®	See Hub Charts*	3	4.25″	MAR-14018-SR-E0	Family, Water Sports, Medium, and Small Boats
14	20	RH	TURBO 1 FOR SUZUKI®	See Hub Charts*	3	4.25″	MAR-14020-SR-E0	Family, Water Sports, Medium, and Small Boats
14	22	RH	TURBO 1 FOR SUZUKI®	See Hub Charts*	3	4.25″	MAR-14022-SR-E0	Family, Water Sports, Medium, and Small Boats
13 1/8	15	RH	QUEST™	See Hub Charts*	3	4.25″	MAR-13115-QR-D0	Family, Water Sports, Medium, and Small Boats
13 1/8	16	RH	QUEST™	See Hub Charts*	3	4.25″	MAR-13116-QR-D0	Family, Water Sports, Medium, and Small Boats
13 1/8	17	RH	QUEST™	See Hub Charts*	3	4.25″	MAR-13117-QR-D0	Family, Water Sports, Medium, and Small Boats
13 1/8	18	RH	QUEST™	See Hub Charts*	3	4.25″	MAR-13118-QR-D0	Family, Water Sports, Medium, and Small Boats
13 1/8	19	RH	QUEST™	See Hub Charts*	3	4.25″	MAR-13119-QR-D0	Family, Water Sports, Medium, and Small Boats
13 1/8	20	RH	QUEST™	See Hub Charts*	3	4.25″	MAR-13120-QR-D0	Family, Water Sports, Medium, and Small Boats
13 1/8	21	RH	QUEST™	See Hub Charts*	3	4.25″	MAR-13121-QR-D0	Family, Water Sports, Medium, and Small Boats
13 1/8	14	RH	QUEST™	See Hub Charts*	4	4.25″	MAR-13414-QR-D0	Family, Water Sports, Medium, and Small Boats
13 1/8	15	RH	QUEST™	See Hub Charts*	4	4.25″	MAR-13415-QR-D0	Family, Water Sports, Medium, and Small Boats
13 1/8	16	RH	QUEST™	See Hub Charts*	4	4.25″	MAR-13416-QR-D0	Family, Water Sports, Medium, and Small Boats
13 1/8	17	RH	QUEST™	See Hub Charts*	4	4.25″	MAR-13417-QR-D0	Family, Water Sports, Medium, and Small Boats
13 1/8	18	RH	QUEST™	See Hub Charts*	4	4.25″	MAR-13418-QR-D0	Family, Water Sports, Medium, and Small Boats
13 1/8	19	RH	QUEST™	See Hub Charts*	4	4.25″	MAR-13419-QR-D0	Family, Water Sports, Medium, and Small Boats
13 1/8	20	RH	QUEST™	See Hub Charts*	4	4.25″	MAR-13420-QR-D0	Family, Water Sports, Medium, and Small Boats
13 1/8	21	RH	QUEST™	See Hub Charts*	4	4.25″	MAR-13421-QR-D0	Family, Water Sports, Medium, and Small Boats

** All Turbo propellers "G" series (3.5" gearcase diameter and up require a Guardian SQ-LOK™ hub kit or similar universal hub system. (sold separately) Please see the "Turbo Hub Application Charts" beginning on page 5-37 to determine your required hub.*

M or T Series Propellers for 4.75" Gearcases

Yamaha Models150-300, F150-F300 (V6)

M or T Series Propellers for Yamaha Outboards

Diameter	Pitch	RH / LH	Series	Hub	Blades	Gearcase	Part Number	Recommended Use
15 1/4	15	RH	Aluminum	pressed in	3	4.75"	6G5-45941-00-00*	Family, Water Sports, Medium, and Small Boats
14 5/8	16	RH	Aluminum	pressed in	3	4.75"	6G5-45952-00-00*	Family, Water Sports, Medium, and Small Boats
14 1/2	17	RH	Aluminum	pressed in	3	4.75"	6G5-45947-01-00*	Family, Water Sports, Medium, and Small Boats
14 1/2	17	LH	Aluminum	pressed in	3	4.75"	6K1-45947-00-00*	Family, Water Sports, Medium, and Small Boats
14	19	RH	Aluminum	pressed in	3	4.75"	6G5-45945-01-00*	Family, Water Sports, Medium, and Small Boats
14	19	LH	Aluminum	pressed in	3	4.75"	6K1-45945-00-00*	Family, Water Sports, Medium, and Small Boats
13 3/4	21	RH	Aluminum	pressed in	3	4.75"	6G5-45943-01-00*	Family, Water Sports, Medium, and Small Boats
13 1/2	23	RH	Aluminum	pressed in	3	4.75"	6G5-45949-00-00*	Family, Water Sports, Medium, and Small Boats
15	17	RH	Painted Stainless Steel	pressed in	3	4.75"	61A-45978-00-00**	Family, Water Sports, Medium, and Small Boats
15	17	LH	Painted Stainless Steel	pressed in	3	4.75"	61B-45978-00-00**	Family, Water Sports, Medium, and Small Boats
14 1/2	19	RH	Painted Stainless Steel	pressed in	3	4.75"	61A-45974-00-00**	Family, Water Sports, Medium, and Small Boats
14 1/2	19	LH	Painted Stainless Steel	pressed in	3	4.75"	61B-45974-00-00**	Family, Water Sports, Medium, and Small Boats
14 1/2	21	RH	Painted Stainless Steel	pressed in	3	4.75"	61A-45972-00-00**	Family, Water Sports, Medium, and Small Boats
14 1/2	21	LH	Painted Stainless Steel	pressed in	3	4.75"	61B-45972-00-00**	Family, Water Sports, Medium, and Small Boats
15 3/4	13	RH	Painted Stainless Steel	pressed in	3	4.75"	6G5-45932-00-00	Family, Water Sports, Medium, and Small Boats
15 1/4	15	RH	Painted Stainless Steel	pressed in	3	4.75"	6G5-45970-02-00	Family, Water Sports, Medium, and Small Boats
15 1/4	15	LH	Painted Stainless Steel	pressed in	3	4.75"	6K1-45970-01-00	Family, Water Sports, Medium, and Small Boats
13 3/4	17	RH	Painted Stainless Steel	pressed in	3	4.75"	6G5-45978-03-00	Family, Water Sports, Medium, and Small Boats
13 3/4	17	LH	Painted Stainless Steel	pressed in	3	4.75"	6K1-45978-02-00	Family, Water Sports, Medium, and Small Boats
13 3/4	19	RH	Painted Stainless Steel	pressed in	3	4.75"	6G5-45974-03-00	Family, Water Sports, Medium, and Small Boats
13 3/4	19	LH	Painted Stainless Steel	pressed in	3	4.75"	6K1-45974-02-00	Family, Water Sports, Medium, and Small Boats

**Not recommended for outboards over 225hp.*

***Recommended for 3.3L outboards, 250-300hp.*

†Recommended for 4.2L V6 Offshore outboards, 225-300hp.

M or T Series Propellers for Yamaha Outboards Continued...

Diameter	Pitch	RH / LH	Series	Hub	Blades	Gearcase	Part Number	Recommended Use
13 3/4	21	RH	Painted Stainless Steel	pressed in	3	4.75"	6G5-45972-02-00	Family, Water Sports, Medium, and Small Boats
13 3/4	21	LH	Painted Stainless Steel	pressed in	3	4.75"	6K1-45972-01-00	Family, Water Sports, Medium, and Small Boats
13 3/8	23	RH	Painted Stainless Steel	pressed in	3	4.75"	6G5-45976-01-00	Family, Water Sports, Medium, and Small Boats
13 3/8	23	LH	Painted Stainless Steel	pressed in	3	4.75"	6K1-45976-00-00	Family, Water Sports, Medium, and Small Boats
14 1/4	14	RH	Performance 3-Blade	pressed in	3	4.75"	MAR-GYT3B-V6-14*	Family, Water Sports, Medium, and Small Boats
14 1/4	14	LH	Performance 3-Blade	pressed in	3	4.75"	MAR-GYT3B-L6-14*	Family, Water Sports, Medium, and Small Boats
14 1/4	16	RH	Performance 3-Blade	pressed in	3	4.75"	MAR-GYT3B-V6-16*	Family, Water Sports, Medium, and Small Boats
14 1/4	16	LH	Performance 3-Blade	pressed in	3	4.75"	MAR-GYT3B-L6-16*	Family, Water Sports, Medium, and Small Boats
14 1/4	18	RH	Performance 3-Blade	pressed in	3	4.75"	MAR-GYT3B-V6-18*	Family, Water Sports, Medium, and Small Boats
14 1/4	18	LH	Performance 3-Blade	pressed in	3	4.75"	MAR-GYT3B-L6-18*	Family, Water Sports, Medium, and Small Boats
14 1/4	20	RH	Performance 3-Blade	pressed in	3	4.75"	MAR-GYT3B-V6-20*	Family, Water Sports, Medium, and Small Boats
14 1/4	20	LH	Performance 3-Blade	pressed in	3	4.75"	MAR-GYT3B-L6-20*	Family, Water Sports, Medium, and Small Boats
14 1/4	22	RH	Performance 3-Blade	pressed in	3	4.75"	MAR-GYT3B-V6-22*	Family, Water Sports, Medium, and Small Boats
14 1/4	22	LH	Performance 3-Blade	pressed in	3	4.75"	MAR-GYT3B-L6-22*	Family, Water Sports, Medium, and Small Boats
14 1/4	24	RH	Performance 3-Blade	pressed in	3	4.75"	MAR-GYT3B-V6-24*	Family, Water Sports, Medium, and Small Boats
14 1/4	26	RH	Performance 3-Blade	pressed in	3	4.75"	MAR-GYT3B-V6-26*	Family, Water Sports, Medium, and Small Boats
14 5/8	23	RH	Performance XT	pressed in	3	4.75"	MAR-GYT3B-XL-23**	Bass, Bay, and Flats Boats
14 5/8	25	RH	Performance XT	pressed in	3	4.75"	MAR-GYT3B-XL-25**	Bass, Bay, and Flats Boats
14 5/8	27	RH	Performance XT	pressed in	3	4.75"	MAR-GYT3B-XL-27**	Bass, Bay, and Flats Boats
14 1/2	23	RH	V MAX® (vented)	pressed in	3	4.75"	69L-45974-20-00**	Bass, Bay, and Flats Boats
15 1/8	25	RH	V MAX® (vented)	pressed in	3	4.75"	69L-45972-20-00**	Bass, Bay, and Flats Boats
15 1/8	27	RH	V MAX® (vented)	pressed in	3	4.75"	69L-45970-20-00**	Bass, Bay, and Flats Boats
14 3/4	29	RH	V MAX® (vented)	pressed in	3	4.75"	69L-45976-10-00**	Bass, Bay, and Flats Boats

**Not recommended for outboards over 225hp.*

***Recommended for 3.3L outboards, 250-300hp.*

†Recommended for 4.2L V6 Offshore outboards, 225-300hp.

M or T Series Propellers for Yamaha Outboards Continued...

Diameter	Pitch	RH / LH	Series	Hub	Blades	Gearcase	Part Number	Recommended Use
15 1/8	22	RH	V MAX SHO® (ventless)	pressed in	3	4.75"	6CB-45932-10-00†††	Bass, Bay, and Flats Boats
14 1/2	23	RH	V MAX SHO® (ventless)	pressed in	3	4.75"	6CB-45974-00-00†††	Bass, Bay, and Flats Boats
15 1/8	23	RH	V MAX SHO® (ventless)	pressed in	3	4.75"	6CB-45974-10-00†††	Bass, Bay, and Flats Boats
15 1/8	24	RH	V MAX SHO® (ventless)	pressed in	3	4.75"	6CB-45930-10-00†††	Bass, Bay, and Flats Boats
15 1/8	25	RH	V MAX SHO® (ventless)	pressed in	3	4.75"	6CB-45972-00-00†††	Bass, Bay, and Flats Boats
15 1/8	26	RH	V MAX SHO® (ventless)	pressed in	3	4.75"	6CB-45978-10-00†††	Bass, Bay, and Flats Boats
15 1/8	27	RH	V MAX SHO® (ventless)	pressed in	3	4.75"	6CB-45970-00-00†††	Bass, Bay, and Flats Boats
14 3/4	29	RH	V MAX SHO® (ventless)	pressed in	3	4.75"	6CB-45976-00-00†††	Bass, Bay, and Flats Boats
14 1/2	21	RH	Pro Series™	pressed in	3	4.75"	6J9-45976-10-00*	Bass, Bay, and Flats Boats
14 1/2	23	RH	Pro Series	pressed in	3	4.75"	66K-45974-B0-00*	Bass, Bay, and Flats Boats
14 1/2	25	RH	Pro Series	pressed in	3	4.75"	66K-45972-B0-00*	Bass, Bay, and Flats Boats
14 1/2	27	RH	Pro Series	pressed in	3	4.75"	66K-45970-B0-00*	Bass, Bay, and Flats Boats
13 3/4	18	RH	Performance 4-Blade	pressed in	4	4.75"	MAR-GYT4B-V6-18*	Bass, Bay, and Flats Boats
13 3/4	20	RH	Performance 4-Blade	pressed in	4	4.75"	MAR-GYT4B-V6-20*	Bass, Bay, and Flats Boats
13 3/4	22	RH	Performance 4-Blade	pressed in	4	4.75"	MAR-GYT4B-V6-22*	Bass, Bay, and Flats Boats
13 3/4	23	RH	Performance 4-Blade	pressed in	4	4.75"	MAR-GYT4B-V6-23*	Bass, Bay, and Flats Boats
13 3/4	24	RH	Performance 4-Blade	pressed in	4	4.75"	MAR-GYT4B-V6-24*	Bass, Bay, and Flats Boats
13 3/4	25	RH	Performance 4-Blade	pressed in	4	4.75"	MAR-GYT4B-V6-25*	Bass, Bay, and Flats Boats
13 3/4	26	RH	Performance 4-Blade	pressed in	4	4.75"	MAR-GYT4B-V6-26*	Bass, Bay, and Flats Boats
14 1/2	15	RH	Reliance®	pressed in	3	4.75"	68F-45970-00-00	Family, Water Sports, Medium, and Small Boats
14 1/4	17	RH	Reliance	pressed in	3	4.75"	68F-45972-00-00	Family, Water Sports, Medium, and Small Boats
14 1/4	17	LH	Reliance®	pressed in	3	4.75"	68G-45972-00-00	Family, Water Sports, Medium, and Small Boats
14 1/4	18	RH	Reliance	pressed in	3	4.75"	68F-45978-00-00	Family, Water Sports, Medium, and Small Boats
14 1/4	18	LH	Reliance	pressed in	3	4.75"	68G-45978-00-00	Family, Water Sports, Medium, and Small Boats
13 3/4	19	RH	Reliance	pressed in	3	4.75"	68F-45974-00-00	Family, Water Sports, Medium, and Small Boats
13 3/4	19	LH	Reliance	pressed in	3	4.75"	68G-45974-00-00	Family, Water Sports, Medium, and Small Boats
13 3/4	21	RH	Reliance	pressed in	3	4.75"	68F-45976-00-00	Family, Water Sports, Medium, and Small Boats
13 3/4	21	LH	Reliance	pressed in	3	4.75"	68G-45976-00-00	Family, Water Sports, Medium, and Small Boats

**Not recommended for outboards over 225hp.*

***Recommended for 3.3L outboards, 250-300hp.*

†Recommended for 4.2L V6 Offshore outboards, 225-300hp.

†††V MAX SHO® only.

M or T Series Propellers for Yamaha Outboards Continued...

Diameter	Pitch	RH / LH	Series	Hub	Blades	Gearcase	Part Number	Recommended Use
14 1⁄2	15	RH	Reliance® SDS	pressed in	3	4.75"	68F-45970-10-00	Family, Water Sports, Medium, and Small Boats
14 1⁄2	15	LH	Reliance SDS	pressed in	3	4.75"	68G-45970-10-00	Family, Water Sports, Medium, and Small Boats
14 1⁄4	17	RH	Reliance SDS	pressed in	3	4.75"	68F-45972-10-00	Family, Water Sports, Medium, and Small Boats
14 1/4	17	LH	Reliance SDS	pressed in	3	4.75"	68G-45972-10-00	Family, Water Sports, Medium, and Small Boats
14 1/4	18	RH	Reliance SDS	pressed in	3	4.75"	68F-45978-10-00	Family, Water Sports, Medium, and Small Boats
14 1/4	18	LH	Reliance SDS	pressed in	3	4.75"	68G-45978-10-00	Family, Water Sports, Medium, and Small Boats
13 3⁄4	19	RH	Reliance SDS	pressed in	3	4.75"	68F-45974-10-00	Family, Water Sports, Medium, and Small Boats
13 3⁄4	19	LH	Reliance SDS	pressed in	3	4.75"	68G-45974-10-00	Family, Water Sports, Medium, and Small Boats
13 3⁄4	21	RH	Reliance SDS	pressed in	3	4.75"	68F-45976-10-00	Family, Water Sports, Medium, and Small Boats
13 3⁄4	21	LH	Reliance SDS	pressed in	3	4.75"	68G-45976-10-00	Family, Water Sports, Medium, and Small Boats
15 3⁄4	15	RH	Saltwater Series II™	pressed in	3	4.75"	6D0-45976-00-00**	Family, Water Sports, and Larger Boats
15 3⁄4	15	LH	Saltwater Series II™	pressed in	3	4.75"	6D1-45976-00-00**	Family, Water Sports, and Larger Boats
15 1⁄2	17	RH	Saltwater Series II	pressed in	3	4.75"	6D0-45978-00-00**	Family, Water Sports, and Larger Boats
15 1⁄2	17	LH	Saltwater Series II	pressed in	3	4.75"	6D1-45978-00-00**	Family, Water Sports, and Larger Boats
15 1⁄4	19	RH	Saltwater Series II	pressed in	3	4.75"	6D0-45970-00-00**	Family, Water Sports, and Larger Boats
15 1⁄4	19	LH	Saltwater Series II	pressed in	3	4.75"	6D1-45970-00-00**	Family, Water Sports, and Larger Boats
15	21	RH	Saltwater Series II	pressed in	3	4.75"	6D0-45972-00-00**	Family, Water Sports, and Larger Boats
15	21	LH	Saltwater Series II	pressed in	3	4.75"	6D1-45972-00-00**	Family, Water Sports, and Larger Boats
14 1/2	23	RH	Saltwater Series	pressed in	3	4.75"	6R4-45974-A0-00**	Family, Water Sports, and Larger Boats
14 1/2	23	LH	Saltwater Series	pressed in	3	4.75"	6R1-45974-A0-00**	Family, Water Sports, and Larger Boats
15 3/4	13	RH	Saltwater Series II - SDS™††	pressed in	3	4.75"	6CE-45930-00-00†	Family, Water Sports, and Larger Boats
15 3/4	13	LH	Saltwater Series II - SDS™††	pressed in	3	4.75"	6CF-45930-00-00†	Family, Water Sports, and Larger Boats
15 3/4	15	RH	Saltwater Series II - SDS††	pressed in	3	4.75"	6CE-45976-00-00†	Family, Water Sports, and Larger Boats
15 3/4	15	LH	Saltwater Series II - SDS††	pressed in	3	4.75"	6CF-45976-00-00†	Family, Water Sports, and Larger Boats

**Not recommended for outboards over 225hp.*
***Recommended for 3.3L outboards, 250-300hp.*
†Recommended for 4.2L V6 Offshore outboards, 225-300hp.
††Yamaha SDS propellers require special hardware to operate, which is included with Yamaha 4.2L V6 Offshore and 3.3L V6 four stroke "XA" models.

M or T Series Propellers for Yamaha Outboards Continued...

Diameter	Pitch	RH / LH	Series	Hub	Blades	Gearcase	Part Number	Recommended Use
15 1/2	17	RH	Saltwater Series II - SDS††	pressed in	3	4.75"	6CE-45978-00-00†	Family, Water Sports, and Larger Boats
15 1/2	17	LH	Saltwater Series II - SDS††	pressed in	3	4.75"	6CF-45978-00-00†	Family, Water Sports, and Larger Boats
15 1/4	19	RH	Saltwater Series II - SDS††	pressed in	3	4.75"	6CE-45970-00-00†	Family, Water Sports, and Larger Boats
15 1/4	19	LH	Saltwater Series II - SDS††	pressed in	3	4.75"	6CF-45970-00-00†	Family, Water Sports, and Larger Boats
15	21	RH	Saltwater Series II - SDS††	pressed in	3	4.75"	6CE-45972-00-00†	Family, Water Sports, and Larger Boats
15	21	LH	Saltwater Series II - SDS††	pressed in	3	4.75"	6CF-45972-00-00†	Family, Water Sports, and Larger Boats
14 3/4	23	RH	Saltwater Series II - SDS††	pressed in	3	4.75"	6CE-45974-00-00†	Family, Water Sports, and Larger Boats
14 3/4	23	LH	Saltwater Series II - SDS††	pressed in	3	4.75"	6CF-45974-00-00†	Family, Water Sports, and Larger Boats
15	21	RH	HS4™ "High Seas" Series	pressed in	4	4.75"	6BR-45B70-00-00**	Larger Boats
15	21	LH	HS4™ "High Seas" Series	pressed in	4	4.75"	6BS-45B70-00-00**	Larger Boats
15	22	RH	HS4 "High Seas" Series	pressed in	4	4.75"	6BR-45B72-00-00**	Larger Boats
15	22	LH	HS4 "High Seas" Series	pressed in	4	4.75"	6BS-45B72-00-00**	Larger Boats
15	23	RH	HS4 "High Seas" Series	pressed in	4	4.75"	6BR-45B74-00-00**	Larger Boats
15	23	LH	HS4 "High Seas" Series	pressed in	4	4.75"	6BS-45B74-00-00**	Larger Boats
15	21	RH	HS4 "High Seas" Series - SDS††	pressed in	4	4.75"	6CE-45B70-00-00**	Larger Boats
15	21	LH	HS4 "High Seas" Series - SDS††	pressed in	4	4.75"	6CF-45B70-00-00**	Larger Boats
15	22	RH	HS4 "High Seas" Series - SDS††	pressed in	4	4.75"	6CE-45B72-00-00**	Larger Boats
15	22	LH	HS4 "High Seas" Series - SDS ††	pressed in	4	4.75"	6CF-45B72-00-00**	Larger Boats
15	23	RH	HS4 "High Seas" Series - SDS††	pressed in	4	4.75"	6CE-45B74-00-00**	Larger Boats
15	23	LH	HS4 "High Seas" Series - SDS††	pressed in	4	4.75"	6CF-45B74-00-00**	Larger Boats

**Not recommended for outboards over 225hp.*
***Recommended for 3.3L outboards, 250-300hp.*
†Recommended for 4.2L V6 Offshore outboards, 225-300hp.
††Yamaha SDS propellers require special hardware to operate, which is included with Yamaha 4.2L V6 Offshore and 3.3L V6 four stroke "XA" models.

M or T Series Propellers for Yamaha, other Outboards, and Stern Drives

Diameter	Pitch	RH / LH	Series	Hub	Blades	Gearcase	Part Number	Recommended Use
14	16	RH	2+2TH	See Hub Charts*	4	4.75"	MAR-14416-HR-E0	Bass, Bay, and Flats Boats
14	18	RH	2+2TH	See Hub Charts*	4	4.75"	MAR-14418-HR-E0	Bass, Bay, and Flats Boats
14	20	RH	2+2TH	See Hub Charts*	4	4.75"	MAR-14420-HR-E0	Bass, Bay, and Flats Boats
14	22	RH	2+2TH	See Hub Charts*	4	4.75"	MAR-14422-HR-E0	Bass, Bay, and Flats Boats
14	24	RH	2+2TH	See Hub Charts*	4	4.75"	MAR-14424-HR-E0	Bass, Bay, and Flats Boats
14	25	RH	2+2TH	See Hub Charts*	4	4.75"	MAR-14425-HR-E0	Bass, Bay, and Flats Boats
14	26	RH	2+2TH	See Hub Charts*	4	4.75"	MAR-14426-HR-E0	Bass, Bay, and Flats Boats
14 1/2	21	RH	FUSION 4	See Hub Charts*	4	4.75"	MAR-14421-FR-E0	Bass, Bay, Flats, and Larger Boats
14 1/2	21	LH	FUSION 4	See Hub Charts*	4	4.75"	MAR-14421-FL-E0	Bass, Bay, Flats, and Larger Boats
14 1/2	22	RH	FUSION 4	See Hub Charts*	4	4.75"	MAR-14422-FR-E0	Bass, Bay, Flats, and Larger Boats
14 1/2	22	LH	FUSION 4	See Hub Charts*	4	4.75"	MAR-14422-FL-E0	Bass, Bay, Flats, and Larger Boats
14 1/2	23	RH	FUSION 4	See Hub Charts*	4	4.75"	MAR-14423-FR-E0	Bass, Bay, Flats, and Larger Boats
14 1/2	23	LH	FUSION 4	See Hub Charts*	4	4.75"	MAR-14423-FL-E0	Bass, Bay, Flats, and Larger Boats
14 1/2	24	RH	FUSION 4	See Hub Charts*	4	4.75"	MAR-14424-FR-E0	Bass, Bay, Flats, and Larger Boats
14 1/2	25	RH	FUSION 4	See Hub Charts*	4	4.75"	MAR-14425-FR-E0	Bass, Bay, Flats, and Larger Boats
14 1/2	26	RH	FUSION 4	See Hub Charts*	4	4.75"	MAR-14426-FR-E0	Bass, Bay, Flats, and Larger Boats
14 1/2	27	RH	FUSION 4	See Hub Charts*	4	4.75"	MAR-14427-FR-E0	Bass, Bay, Flats, and Larger Boats
14 1/2	28	RH	FUSION 4	See Hub Charts*	4	4.75"	MAR-14428-FR-E0	Bass, Bay, Flats, and Larger Boats
14 1/2	29	RH	FUSION 4	See Hub Charts*	4	4.75"	MAR-14429-FR-E0	Bass, Bay, Flats, and Larger Boats
14 1/2	30	RH	FUSION 4	See Hub Charts*	4	4.75"	MAR-14430-FR-E0	Bass, Bay, Flats, and Larger Boats
14 1/2	31	RH	FUSION 4	See Hub Charts*	4	4.75"	MAR-14431-FR-E0	Bass, Bay, Flats, and Larger Boats
14 1/2	32	RH	FUSION 4	See Hub Charts*	4	4.75"	MAR-14432-FR-E0	Bass, Bay, Flats, and Larger Boats
14 3/4	22	RH	FXP	See Hub Charts*	3	4.75"	MAR-14722-R0-00	Bass, Bay, and Flats Boats
14 3/4	23	RH	FXP	See Hub Charts*	3	4.75"	MAR-14723-R0-00	Bass, Bay, and Flats Boats
14 3/4	24	RH	FXP	See Hub Charts*	3	4.75"	MAR-14724-R0-00	Bass, Bay, and Flats Boats
14 3/4	25	RH	FXP	See Hub Charts*	3	4.75"	MAR-14725-R0-00	Bass, Bay, and Flats Boats
14 3/4	26	RH	FXP	See Hub Charts*	3	4.75"	MAR-14726-R0-00	Bass, Bay, and Flats Boats
14 3/4	27	RH	FXP	See Hub Charts*	3	4.75"	MAR-14727-R0-00	Bass, Bay, and Flats Boats

** All Turbo propellers "G" series (3.5" gearcase diameter and up require a Guardian SQ-LOK™ hub kit or similar universal hub system. (sold separately) Please see the "Turbo Hub Application Charts" beginning on page 5-37 to determine your required hub.*

M or T Series Propellers for Yamaha, other Outboards, and Stern Drives Continued...

Diameter	Pitch	RH / LH	Series	Hub	Blades	Gearcase	Part Number	Recommended Use
14 1/2	17	RH	LIGHTNING	See Hub Charts*	3	4.75"	MAR-14517-LR-E0	Bass, Bay, and Flats Boats
14 1/2	19	RH	LIGHTNING	See Hub Charts*	3	4.75"	MAR-14519-LR-E0	Bass, Bay, and Flats Boats
14 1/2	21	RH	LIGHTNING	See Hub Charts*	3	4.75"	MAR-14521-LR-E0	Bass, Bay, and Flats Boats
14 3/4	22	RH	LIGHTNING	See Hub Charts*	3	4.75"	MAR-14522-LR-E0	Bass, Bay, and Flats Boats
14 3/4	23	RH	LIGHTNING	See Hub Charts*	3	4.75"	MAR-14523-LR-E0	Bass, Bay, and Flats Boats
14 3/4	24	RH	LIGHTNING	See Hub Charts*	3	4.75"	MAR-14524-LR-E0	Bass, Bay, and Flats Boats
14 3/4	25	RH	LIGHTNING	See Hub Charts*	3	4.75"	MAR-14525-LR-E0	Bass, Bay, and Flats Boats
14 3/4	26	RH	LIGHTNING	See Hub Charts*	3	4.75"	MAR-14526-LR-E0	Bass, Bay, and Flats Boats
14 3/4	27	RH	LIGHTNING	See Hub Charts*	3	4.75"	MAR-14527-LR-E0	Bass, Bay, and Flats Boats
15	20	RH	OFFSHORE I FOR SUZUKI®	See Hub Charts*	4	4.75"	MAR-15420-0R-E0	Bass, Bay, Flats, and Larger Boats
15	20	LH	OFFSHORE I FOR SUZUKI®	See Hub Charts*	4	4.75"	MAR-15420-0L-E0	Bass, Bay, Flats, and Larger Boats
15	22	RH	OFFSHORE I FOR SUZUKI®	See Hub Charts*	4	4.75"	MAR-15422-0R-E0	Bass, Bay, Flats, and Larger Boats
15	22	LH	OFFSHORE I FOR SUZUKI®	See Hub Charts*	4	4.75"	MAR-15422-0L-E0	Bass, Bay, Flats, and Larger Boats
15	24	RH	OFFSHORE I FOR SUZUKI®	See Hub Charts*	4	4.75"	MAR-15424-0R-E0	Bass, Bay, Flats, and Larger Boats
15	24	LH	OFFSHORE I FOR SUZUKI®	See Hub Charts*	4	4.75"	MAR-15424-0L-E0	Bass, Bay, Flats, and Larger Boats
15	26	RH	OFFSHORE I FOR SUZUKI®	See Hub Charts*	4	4.75"	MAR-15426-0R-E0	Bass, Bay, Flats, and Larger Boats
15	26	LH	OFFSHORE I FOR SUZUKI®	See Hub Charts*	4	4.75"	MAR-15426-0L-E0	Bass, Bay, Flats, and Larger Boats
14 1/2	15	RH	OFFSHORE I	See Hub Charts*	4	4.75"	MAR-14415-0R-E0	Bass, Bay, Flats, and Larger Boats
14 1/2	15	LH	OFFSHORE I	See Hub Charts*	4	4.75"	MAR-14415-0L-E0	Bass, Bay, Flats, and Larger Boats
14 1/2	17	RH	OFFSHORE I	See Hub Charts*	4	4.75"	MAR-14417-0R-E0	Bass, Bay, Flats, and Larger Boats
14 1/2	17	LH	OFFSHORE I	See Hub Charts*	4	4.75"	MAR-14417-0L-E0	Bass, Bay, Flats, and Larger Boats
14 1/2	19	RH	OFFSHORE I	See Hub Charts*	4	4.75"	MAR-14419-0R-E0	Bass, Bay, Flats, and Larger Boats
14 1/2	19	LH	OFFSHORE I	See Hub Charts*	4	4.75"	MAR-14419-0L-E0	Bass, Bay, Flats, and Larger Boats
14 1/2	21	RH	OFFSHORE I	See Hub Charts*	4	4.75"	MAR-14421-0R-E0	Bass, Bay, Flats, and Larger Boats
14 1/2	21	LH	OFFSHORE I	See Hub Charts*	4	4.75"	MAR-14421-0L-E0	Bass, Bay, Flats, and Larger Boats
14 1/2	23	RH	OFFSHORE I	See Hub Charts*	4	4.75"	MAR-14423-0R-E0	Bass, Bay, Flats, and Larger Boats
14 1/2	23	LH	OFFSHORE I	See Hub Charts*	4	4.75"	MAR-14423-0L-E0	Bass, Bay, Flats, and Larger Boats
14 1/2	25	RH	OFFSHORE I	See Hub Charts*	4	4.75"	MAR-14425-0R-E0	Bass, Bay, Flats, and Larger Boats
14 1/2	25	LH	OFFSHORE I	See Hub Charts*	4	4.75"	MAR-14425-0L-E0	Bass, Bay, Flats, and Larger Boats

** All Turbo propellers "G" series (3.5" gearcase diameter and up require a Guardian SQ-LOK™ hub kit or similar universal hub system. (sold separately) Please see the "Turbo Hub Application Charts" beginning on page 5-37 to determine your required hub.*

M or T Series Propellers for Yamaha, other Outboards, and Stern Drives Continued...

Diameter	Pitch	RH / LH	Series	Hub	Blades	Gearcase	Part Number	Recommended Use
15	16	RH	OFFSHORE II	See Hub Charts*	3	4.75"	MAR-15016-0R-E0	Larger Boats
15	16	LH	OFFSHORE II	See Hub Charts*	3	4.75"	MAR-15016-0L-E0	Larger Boats
15	18	RH	OFFSHORE II	See Hub Charts*	3	4.75"	MAR-15018-0R-E0	Larger Boats
15	18	LH	OFFSHORE II	See Hub Charts*	3	4.75"	MAR-15018-0L-E0	Larger Boats
15	20	RH	OFFSHORE II	See Hub Charts*	3	4.75"	MAR-15020-0R-E0	Larger Boats
15	20	LH	OFFSHORE II	See Hub Charts*	3	4.75"	MAR-15020-0L-E0	Larger Boats
15	22	RH	OFFSHORE II	See Hub Charts*	3	4.75"	MAR-15022-0R-E0	Larger Boats
15	22	LH	OFFSHORE II	See Hub Charts*	3	4.75"	MAR-15022-0L-E0	Larger Boats
15	24	RH	OFFSHORE II	See Hub Charts*	3	4.75"	MAR-15024-0R-E0	Larger Boats
15	24	LH	OFFSHORE II	See Hub Charts*	3	4.75"	MAR-15024-0L-E0	Larger Boats
15	26	RH	OFFSHORE II	See Hub Charts*	3	4.75"	MAR-15026-0R-E0	Larger Boats
15	26	LH	OFFSHORE II	See Hub Charts*	3	4.75"	MAR-15026-0L-E0	Larger Boats
14 1/4	13	RH	TURBO 1	See Hub Charts*	3	4.75"	MAR-14213-TR-E0	Family, Water Sports, Medium, and Small Boats
14 1/4	15	RH	TURBO 1	See Hub Charts*	3	4.75"	MAR-14215-TR-E0	Family, Water Sports, Medium, and Small Boats
14 1/4	15	LH	TURBO 1	See Hub Charts*	3	4.75"	MAR-14215-TL-E0	Family, Water Sports, Medium, and Small Boats
14 1/4	17	RH	TURBO 1	See Hub Charts*	3	4.75"	MAR-14217-TR-E0	Family, Water Sports, Medium, and Small Boats
14 1/4	17	LH	TURBO 1	See Hub Charts*	3	4.75"	MAR-14217-TL-E0	Family, Water Sports, Medium, and Small Boats
14 1/4	19	RH	TURBO 1	See Hub Charts*	3	4.75"	MAR-14219-TR-E0	Family, Water Sports, Medium, and Small Boats
14 1/4	19	LH	TURBO 1	See Hub Charts*	3	4.75"	MAR-14219-TL-E0	Family, Water Sports, Medium, and Small Boats
14 1/4	20	RH	TURBO 1	See Hub Charts*	3	4.75"	MAR-14220-TR-E0	Family, Water Sports, Medium, and Small Boats
14 1/4	21	RH	TURBO 1	See Hub Charts*	3	4.75"	MAR-14221-TR-E0	Family, Water Sports, Medium, and Small Boats
14 1/4	21	LH	TURBO 1	See Hub Charts*	3	4.75"	MAR-14221-TL-E0	Family, Water Sports, Medium, and Small Boats
14 1/4	22	RH	TURBO 1	See Hub Charts*	3	4.75"	MAR-14222-TR-E0	Family, Water Sports, Medium, and Small Boats
14 1/4	23	RH	TURBO 1	See Hub Charts*	3	4.75"	MAR-14223-TR-E0	Family, Water Sports, Medium, and Small Boats
14 1/4	24	RH	TURBO 1	See Hub Charts*	3	4.75"	MAR-14224-TR-E0	Family, Water Sports, Medium, and Small Boats
14 1/4	25	RH	TURBO 1	See Hub Charts*	3	4.75"	MAR-14225-TR-E0	Family, Water Sports, Medium, and Small Boats
14 3/4	21	RH	TXP™	See Hub Charts*	3	4.75"	MAR-14721-XR-E0	Bass, Bay, and Flats Boats
14 3/4	23	RH	TXP™	See Hub Charts*	3	4.75"	MAR-14723-XR-E0	Bass, Bay, and Flats Boats
14 3/4	24	RH	TXP™	See Hub Charts*	3	4.75"	MAR-14724-XR-E0	Bass, Bay, and Flats Boats
14 3/4	25	RH	TXP™	See Hub Charts*	3	4.75"	MAR-14725-XR-E0	Bass, Bay, and Flats Boats
14 3/4	26	RH	TXP™	See Hub Charts*	3	4.75"	MAR-14726-XR-E0	Bass, Bay, and Flats Boats
14 3/4	27	RH	TXP™	See Hub Charts*	3	4.75"	MAR-14727-XR-E0	Bass, Bay, and Flats Boats

** All Turbo propellers "G" series (3.5" gearcase diameter and up require a Guardian SQ-LOK™ hub kit or similar universal hub system. (sold separately) Please see the "Turbo Hub Application Charts" beginning on page 5-37 to determine your required hub.*

M or T Series Propellers for Yamaha, other Outboards, and Stern Drives Continued...

Diameter	Pitch	RH / LH	Series	Hub	Blades	Gearcase	Part Number	Recommended Use
14 3/4	28	RH	TXP™	See Hub Charts*	3	4.75"	MAR-14728-XR-E0	Bass, Bay, and Flats Boats
14 3/4	29	RH	TXP™	See Hub Charts*	3	4.75"	MAR-14729-XR-E0	Bass, Bay, and Flats Boats
14 3/4	30	RH	TXP™	See Hub Charts*	3	4.75"	MAR-14730-XR-E0	Bass, Bay, and Flats Boats
14 3/4	31	RH	TXP™	See Hub Charts*	3	4.75"	MAR-14731-XR-E0	Bass, Bay, and Flats Boats
14 3/4	32	RH	TXP™	See Hub Charts*	3	4.75"	MAR-14732-XR-E0	Bass, Bay, and Flats Boats
14 3/4	23	RH	TXP™ *(Adjustable Ventilation Ports)*	See Hub Charts*	3	4.75"	MAR-14723-XR-EM	Bass, Bay, and Flats Boats
14 3/4	24	RH	TXP™ *(Adjustable Ventilation Ports)*	See Hub Charts*	3	4.75"	MAR-14724-XR-EM	Bass, Bay, and Flats Boats
14 3/4	25	RH	TXP™ *(Adjustable Ventilation Ports)*	See Hub Charts*	3	4.75"	MAR-14725-XR-EM	Bass, Bay, and Flats Boats
14 3/4	26	RH	TXP™ *(Adjustable Ventilation Ports)*	See Hub Charts*	3	4.75"	MAR-14726-XR-EM	Bass, Bay, and Flats Boats
14 3/4	27	RH	TXP™ *(Adjustable Ventilation Ports)*	See Hub Charts*	3	4.75"	MAR-14727-XR-EM	Bass, Bay, and Flats Boats
14 3/4	28	RH	TXP™ *(Adjustable Ventilation Ports)*	See Hub Charts*	3	4.75"	MAR-14728-XR-EM	Bass, Bay, and Flats Boats
14 3/4	29	RH	TXP™ *(Adjustable Ventilation Ports)*	See Hub Charts*	3	4.75"	MAR-14729-XR-EM	Bass, Bay, and Flats Boats
14 3/4	30	RH	TXP™ *(Adjustable Ventilation Ports)*	See Hub Charts*	3	4.75"	MAR-14730-XR-EM	Bass, Bay, and Flats Boats
14 3/4	31	RH	TXP™ *(Adjustable Ventilation Ports)*	See Hub Charts*	3	4.75"	MAR-14731-XR-EM	Bass, Bay, and Flats Boats
14 3/4	32	RH	TXP™ *(Adjustable Ventilation Ports)*	See Hub Charts*	3	4.75"	MAR-14732-XR-EM	Bass, Bay, and Flats Boats
14 3/8	23	RH	TXP™ OT4	See Hub Charts*	4	4.75"	MAR-14423-TR-E0	Bass, Bay, and Flats Boats
14 3/8	24	RH	TXP™ OT4	See Hub Charts*	4	4.75"	MAR-14424-TR-E0	Bass, Bay, and Flats Boats
14 3/8	25	RH	TXP™ OT4	See Hub Charts*	4	4.75"	MAR-14425-TR-E0	Bass, Bay, and Flats Boats
14 3/8	26	RH	TXP™ OT4	See Hub Charts*	4	4.75"	MAR-14426-TR-E0	Bass, Bay, and Flats Boats
14 3/8	27	RH	TXP™ OT4	See Hub Charts*	4	4.75"	MAR-14427-TR-E0	Bass, Bay, and Flats Boats
14 3/8	28	RH	TXP™ OT4	See Hub Charts*	4	4.75"	MAR-14428-TR-E0	Bass, Bay, and Flats Boats
14 3/8	29	RH	TXP™ OT4	See Hub Charts*	4	4.75"	MAR-14429-TR-E0	Bass, Bay, and Flats Boats
14 3/8	30	RH	TXP™ OT4	See Hub Charts*	4	4.75"	MAR-14430-TR-E0	Bass, Bay, and Flats Boats
14 3/8	31	RH	TXP™ OT4	See Hub Charts*	4	4.75"	MAR-14431-TR-E0	Bass, Bay, and Flats Boats
14 3/8	32	RH	TXP™ OT4	See Hub Charts*	4	4.75"	MAR-14432-TR-E0	Bass, Bay, and Flats Boats
14 3/8	24	RH	TXP™ OT4 (Adjustable Ventilation Ports)	See Hub Charts*	4	4.75"	MAR-14424-TR-EM	Bass, Bay, and Flats Boats
14 3/8	25	RH	TXP™ OT4 (Adjustable Ventilation Ports)	See Hub Charts*	4	4.75"	MAR-14425-TR-EM	Bass, Bay, and Flats Boats
14 3/8	26	RH	TXP™ OT4 (Adjustable Ventilation Ports)	See Hub Charts*	4	4.75"	MAR-14426-TR-EM	Bass, Bay, and Flats Boats
14 3/8	27	RH	TXP™ OT4 (Adjustable Ventilation Ports)	See Hub Charts*	4	4.75"	MAR-14427-TR-EM	Bass, Bay, and Flats Boats
14 3/8	28	RH	TXP™ OT4 (Adjustable Ventilation Ports)	See Hub Charts*	4	4.75"	MAR-14428-TR-EM	Bass, Bay, and Flats Boats
14 3/8	29	RH	TXP™ OT4 (Adjustable Ventilation Ports)	See Hub Charts*	4	4.75"	MAR-14429-TR-EM	Bass, Bay, and Flats Boats
14 3/8	30	RH	TXP™ OT4 (Adjustable Ventilation Ports)	See Hub Charts*	4	4.75"	MAR-14430-TR-EM	Bass, Bay, and Flats Boats
14 3/8	31	RH	TXP™ OT4 (Adjustable Ventilation Ports)	See Hub Charts*	4	4.75"	MAR-14431-TR-EM	Bass, Bay, and Flats Boats
14 3/8	32	RH	TXP™ OT4 (Adjustable Ventilation Ports)	See Hub Charts*	4	4.75"	MAR-14432-TR-EM	Bass, Bay, and Flats Boats

** All Turbo propellers "G" series (3.5" gearcase diameter and up require a Guardian SQ-LOK™ hub kit or similar universal hub system. (sold separately) Please see the "Turbo Hub Application Charts" beginning on page 5-37 to determine your required hub.*

M or T Series Propellers for Yamaha, other Outboards, and Stern Drives Continued...

Diameter	Pitch	RH / LH	Series	Hub	Blades	Gearcase	Part Number	Recommended Use
14 1/4	13	RH	ULTIMA 4	See Hub Charts*	4	4.75"	MAR-14413-UR-E0	Bass, Bay, Flats, Medium, and Small Boats
14 1/4	13	LH	ULTIMA 4	See Hub Charts*	4	4.75"	MAR-14413-UL-E0	Bass, Bay, Flats, Medium, and Small Boats
14 1/4	15	RH	ULTIMA 4	See Hub Charts*	4	4.75"	MAR-14415-UR-E0	Bass, Bay, Flats, Medium, and Small Boats
14 1/4	15	LH	ULTIMA 4	See Hub Charts*	4	4.75"	MAR-14415-UL-E0	Bass, Bay, Flats, Medium, and Small Boats
14 1/4	17	RH	ULTIMA 4	See Hub Charts*	4	4.75"	MAR-14417-UR-E0	Bass, Bay, Flats, Medium, and Small Boats
14 1/4	17	LH	ULTIMA 4	See Hub Charts*	4	4.75"	MAR-14417-UL-E0	Bass, Bay, Flats, Medium, and Small Boats
14 1/4	19	RH	ULTIMA 4	See Hub Charts*	4	4.75"	MAR-14419-UR-E0	Bass, Bay, Flats, Medium, and Small Boats
14 1/4	19	LH	ULTIMA 4	See Hub Charts*	4	4.75"	MAR-14419-UL-E0	Bass, Bay, Flats, Medium, and Small Boats
14 1/4	21	RH	ULTIMA 4	See Hub Charts*	4	4.75"	MAR-14421-UR-E0	Bass, Bay, Flats, Medium, and Small Boats
14 1/4	21	LH	ULTIMA 4	See Hub Charts*	4	4.75"	MAR-14421-UL-E0	Bass, Bay, Flats, Medium, and Small Boats
14 1/4	23	RH	ULTIMA 4	See Hub Charts*	4	4.75"	MAR-14423-UR-E0	Bass, Bay, Flats, Medium, and Small Boats
14 1/4	23	LH	ULTIMA 4	See Hub Charts*	4	4.75"	MAR-14423-UL-E0	Bass, Bay, Flats, Medium, and Small Boats
14 1/2	21	RH	VECTOR	See Hub Charts*	3	4.75"	MAR-14521-VR-E0	Family and Water Sports
14 1/2	21	LH	VECTOR	See Hub Charts*	3	4.75"	MAR-14521-VL-E0	Family and Water Sports
14 1/2	22	RH	VECTOR	See Hub Charts*	3	4.75"	MAR-14522-VR-E0	Family and Water Sports
14 1/2	22	LH	VECTOR	See Hub Charts*	3	4.75"	MAR-14522-VL-E0	Family and Water Sports
14 1/2	23	LH	VECTOR	See Hub Charts*	3	4.75"	MAR-14523-VL-E0	Family and Water Sports
14 1/2	23	RH	VECTOR	See Hub Charts*	3	4.75"	MAR-14523-VR-E0	Family and Water Sports
14 1/2	24	RH	VECTOR	See Hub Charts*	3	4.75"	MAR-14524-VR-E0	Family and Water Sports
14 1/2	24	LH	VECTOR	See Hub Charts*	3	4.75"	MAR-14524-VL-E0	Family and Water Sports
14 1/2	25	RH	VECTOR	See Hub Charts*	3	4.75"	MAR-14525-VR-E0	Family and Water Sports
14 1/2	25	LH	VECTOR	See Hub Charts*	3	4.75"	MAR-14525-VL-E0	Family and Water Sports

** All Turbo propellers "G" series (3.5" gearcase diameter and up require a Guardian SQ-LOK™ hub kit or similar universal hub system. (sold separately) Please see the "Turbo Hub Application Charts" beginning on page 5-37 to determine your required hub.*

X Series Propellers for 5.25" Gearcases

Yamaha V8 Outboard Models

X Series Propellers for Yamaha Outboards

Diameter	Pitch	RH / LH	Series	Hub	Blades	Gearcase	Part Number	Recommended Use
16 1/4	17	RH	Saltwater Series XL®	pressed in	3	5.25"	6AW-45970-00-00	Larger Boats
16 1/4	17	LH	Saltwater Series XL	pressed in	3	5.25"	6AX-45970-00-00	Larger Boats
16 1/4	19	RH	Saltwater Series XL	pressed in	3	5.25"	6AW-45972-00-00	Larger Boats
16 1/4	19	LH	Saltwater Series XL	pressed in	3	5.25"	6AX-45972-00-00	Larger Boats
15 1/2	21	RH	Saltwater Series XL	pressed in	3	5.25"	6AW-45974-00-00	Larger Boats
15 1/2	21	LH	Saltwater Series XL	pressed in	3	5.25"	6AX-45974-00-00	Larger Boats
15 1/4	23	RH	Saltwater Series XL	pressed in	3	5.25"	6AW-45976-00-00	Larger Boats
15 1/4	23	LH	Saltwater Series XL	pressed in	3	5.25"	6AX-45976-00-00	Larger Boats
15 1/4	25	RH	Saltwater Series XL	pressed in	3	5.25"	6AW-45978-00-00	Larger Boats
15 1/4	25	LH	Saltwater Series XL	pressed in	3	5.25"	6AX-45978-00-00	Larger Boats
16 1/4	15	RH	Saltwater Series XL - SDS™††	pressed in	3	5.25"	6AW-45970-10-00	Larger Boats
16 1/4	15	LH	Saltwater Series XL - SDS††	pressed in	3	5.25"	6AX-45970-10-00	Larger Boats
16 1/4	17	RH	Saltwater Series XL - SDS††	pressed in	3	5.25"	6AW-45972-10-00	Larger Boats
16 1/4	17	LH	Saltwater Series XL - SDS††	pressed in	3	5.25"	6AX-45972-10-00	Larger Boats
15 1/2	19	RH	Saltwater Series XL - SDS††	pressed in	3	5.25"	6AW-45974-10-00	Larger Boats
15 1/2	19	LH	Saltwater Series XL - SDS††	pressed in	3	5.25"	6AX-45974-10-00	Larger Boats
15 1/4	21	RH	Saltwater Series XL - SDS††	pressed in	3	5.25"	6AW-45976-10-00	Larger Boats
15 1/4	21	LH	Saltwater Series XL - SDS††	pressed in	3	5.25"	6AX-45976-10-00	Larger Boats
15 1/4	23	RH	Saltwater Series XL - SDS††	pressed in	3	5.25"	6AW-45978-10-00	Larger Boats
15 1/4	23	LH	Saltwater Series XL - SDS††	pressed in	3	5.25"	6AX-45978-10-00	Larger Boats
16 1/8	15	RH	Performance XL4™	pressed in	4	5.25"	MAR-GYT4B-V8-15	Larger Boats
16 1/8	15	LH	Performance XL4	pressed in	4	5.25"	MAR-GYT4B-L8-15	Larger Boats
16 1/8	17	RH	Performance XL4	pressed in	4	5.25"	MAR-GYT4B-V8-17	Larger Boats
16 1/8	17	LH	Performance XL4	pressed in	4	5.25"	MAR-GYT4B-L8-17	Larger Boats
15 3/8	22	RH	Performance XL4™-HP	pressed in	4	5.25"	MAR-GYT4B-V8-22	Larger Boats
15 3/8	22	LH	Performance XL4-HP	pressed in	4	5.25"	MAR-GYT4B-L8-22	Larger Boats
15 3/8	24	RH	Performance XL4™-HP	pressed in	4	5.25"	MAR-GYT4B-V8-24	Larger Boats
15 3/8	24	LH	Performance XL4-HP	pressed in	4	5.25"	MAR-GYT4B-L8-24	Larger Boats

††Yamaha SDS propellers require special hardware to operate, which is included with "XA" models.

X Series Propellers for Yamaha Outboards Continued...

Diameter	Pitch	RH / LH	Series	Hub	Blades	Gearcase	Part Number	Recommended Use
16 1/8	15	RH	Saltwater Series XL4	pressed in	4	5.25″	6AW-45B70-10-00	Larger Boats
16 1/8	15	LH	Saltwater Series XL4	pressed in	4	5.25″	6AX-45B70-10-00	Larger Boats
16 1/8	17	RH	Saltwater Series XL4	pressed in	4	5.25″	6AW-45B72-10-00	Larger Boats
16 1/8	17	LH	Saltwater Series XL4	pressed in	4	5.25″	6AX-45B72-10-00	Larger Boats
15 3/8	22	RH	Saltwater Series XL4-HP	pressed in	4	5.25″	6AW-45B76-10-00	Larger Boats
15 3/8	22	LH	Saltwater Series XL4-HP	pressed in	4	5.25″	6AX-45B76-10-00	Larger Boats
15 3/8	24	RH	Saltwater Series XL4-HP	pressed in	4	5.25″	6AW-45B74-10-00	Larger Boats
15 3/8	24	LH	Saltwater Series XL4-HP	pressed in	4	5.25″	6AX-45B74-10-00	Larger Boats

TRP Propellers for TRP Gearcases

Diameter	Pitch	Series	Fit	Blades	Part Number
14	19	TRP Lower Units	Front	3	MAR-TRP14-19-F3
13	19	TRP Lower Units	Rear	3	MAR-TRP13-19-R3
14	21	TRP Lower Units	Front	3	MAR-TRP14-21-F3
13	21	TRP Lower Units	Rear	3	MAR-TRP13-21-R3
14	25	TRP Lower Units	Front	3	65N-45941-00-00
13	25	TRP Lower Units	Rear	3	65N-45943-00-00

Small Hub Propellers for High Performance Applications

Diameter	Pitch	Series	Fit	Blades	Part Number
14	20	Small Hub	None	3	6E5-45970-10-00
14	22	Small Hub	None	3	6E5-45976-10-00
14	24	Small Hub	None	3	6E5-45972-10-00
14	26	Small Hub	None	3	6E5-45978-10-00
14	28	Small Hub	None	3	6E5-45974-10-00

Hubs for Yamaha Propellers



Hub Application	Engine Horsepower	Part Number
TRP Front Propellers	TRP Lower Units	65N-45981-00-00
TRP Rear Propellers	TRP Lower Units	6G5-45981-00-00
K Series Propellers	(T50~F115, 70~115)	688-45981-00-00
G Series Propellers	(T25~F60, 50)	663-45981-10-00
ALUMINUM 6E5, 688, 6L6, 6G5, 6K1 Propellers	150hp~300hp	6G5-45981-00-00
6D0, 6D1, 68F, 68G Propellers	150hp~300hp	61A-45981-00-00
66K, 6R1, 6R4, 61A, 61B, 69L, 6G5, 6K1 Propellers	150hp~300hp	61A-45981-00-00
Small Hub Propellers	70hp~200hp	6G5-45981-00-00
6J8 and 664 PROPELLERS	F25, 20~30	664-45981-01-00
N Series Propellers	6,8	6G1-45981-00-00
683 Propellers J Series	9.9, 15, F9.9, T9.9	683-45981-10-00
F350 SDS Propellers	V8	6AW-45C80-00-00
F350 Non-SDS Propellers	V8	6AW-45981-00-00
4.2L SDS Propellers	4.2L	6CE-45C81-00-00

Hubs for Turbo Propellers

Guardian SQ-Lok™ Hub System

A square hub is required for proper installation of Turbo® propellers. Turbo proudly recommends the Guardian SQ-Lok™ Hub System. Guardian SQ-Lok™ hubs are designed to take the punishing power and exhaust heat today's modern marine engines deliver. Unlike some other brands, they feature heavy-duty construction and a nylon center core (drive adaptor) with a molded-in interlocking brass spline insert for extra strength and durability. They're easy to install or replace, and come with the necessary hardware to help get you on the water fast. Demand tough. Demand convenient. Demand a Guardian SQ-Lok™ hub system.



MAR-C014H-UB-00



MAR-C011H-UB-00



MAR-C012H-UB-00



MAR-C013H-UB-00



MAR-D500H-UB-00



MAR-D501H-UB-00



MAR-D506H-UB-00



MAR-D502H-UB-00



MAR-D503H-UB-00



MAR-D504H-UB-00



MAR-D505H-UB-00



MAR-D507H-UB-00

Turbo Hub Application Charts

All Turbo propellers "G" series (3.5" gearcase diameter and up require a Guardian SQ-LOK™ hub kit or similar universal hub system. Use the charts below to find the required hub for your application.

Sterndrive Hub Applications					
Make / Model	**Model Notes**	**Year(s)**	**Gearcase Diameter**	**Splines**	**Hub Part Number**
Mercruiser®	1A, 1B, 1C		4.75"	15	MAR-D501H-UB-00
Mercruiser®	120, 140, 145 DTS		4.75"	15	MAR-D501H-UB-00
Mercruiser®	165, 228, 470, 485, 888, 898		4.75"	15	MAR-D501H-UB-00
Mercruiser®	225S, 233, 255TRS		4.75"	15	MAR-D501H-UB-00
Mercruiser®	260, 280TRS, 330TRS		4.75"	15	MAR-D501H-UB-00
Mercruiser®	120-190 HP	1983-1985	4.75"	15	MAR-D501H-UB-00
Mercruiser®	200-260 HP	1983-1985	4.75"	15	MAR-D501H-UB-00
Alpha One™	2.5L - 5.7L	All Years	4.75"	15	MAR-D501H-UB-00
Alpha One™	6.2L MPI	All Years	4.75"	15	MAR-D501H-UB-00
Alpha One™	262, 350, 354 Magnum	All Years	4.75"	15	MAR-D501H-UB-00
Alpha One™	320 EFI	All Years	4.75"	15	MAR-D501H-UB-00
Alpha One™	D2.8L - D7.3L (Diesel)	All Years	4.75"	15	MAR-D501H-UB-00
Bravo One™	320 EFI, 350, 377	All Years	4.75"	15	MAR-D501H-UB-00
Bravo One™	5.0L - 7.4L	All Years	4.75"	15	MAR-D501H-UB-00
OMC®	3.0 L - 8.2 L (Non SX Drive)	1990-1993	4.75"	15	MAR-D502H-UB-00
OMC® Cobra®	5.8 L	1989-1993	4.75"	15	MAR-D502H-UB-00
Sea Drive®	2.0 L - 4.0 L	All Years	4.75"	15	MAR-D502H-UB-00
OMC® Model 400	2.3 L (120 HP)	~1991	4.25"	13	MAR-D503H-UB-00
OMC® Model 400	2.5 L (120 HP)	1978-1984	4.25"	13	MAR-D503H-UB-00
OMC® Model 400	3.0 L (140 HP)	Thru 1989	4.25"	13	MAR-D503H-UB-00
OMC® Cobra®	2.3 L (128 HP)	1988-1991	4.25"	13	MAR-D503H-UB-00
OMC® Cobra®	2.5 L (120 HP)	1985-1987	4.25"	13	MAR-D503H-UB-00
OMC® Cobra®	3.0 L (140 HP)	1985-1987	4.25"	13	MAR-D503H-UB-00
OMC® SEA DRIVE®	1.6 L V-4	1982~	4.25"	13	MAR-D503H-UB-00
OMC® SEA DRIVE®	1.8 L V-4	1987~	4.25"	13	MAR-D503H-UB-00
SX COBRA™, VOLVO PENTA® SX	3.0 L	1994 & Newer	4.75"	19	MAR-D504H-UB-00
SX COBRA™, VOLVO PENTA® SX	4.3 L	1994 & Newer	4.75"	19	MAR-D504H-UB-00
SX COBRA™, VOLVO PENTA® SX	5.0 L	1994 & Newer	4.75"	19	MAR-D504H-UB-00
SX COBRA™, VOLVO PENTA® SX	5.7 L	1994 & Newer	4.75"	19	MAR-D504H-UB-00
SX COBRA™, VOLVO PENTA® SX	5.8 L	1994-1997	4.75"	19	MAR-D504H-UB-00
SX COBRA™, VOLVO PENTA® SX	7.4 L	1997 & Newer	4.75"	19	MAR-D504H-UB-00
SX COBRA™, VOLVO PENTA® SX	8.2 L	1997	4.75"	19	MAR-D504H-UB-00
YAMAHA STERNDRIVES	3.0 L (130 HP) EST/PSR	1989-1993	4.75"	15	MAR-D505H-UB-00
YAMAHA STERNDRIVES	4.3 L (205 HP) EST/PSR/YEMS	1989-1993	4.75"	15	MAR-D505H-UB-00
YAMAHA STERNDRIVES	5.0 L (205 HP) EST/PSR/YEMS	1989-1993	4.75"	15	MAR-D505H-UB-00
YAMAHA STERNDRIVES	5.7 L (260 HP) EST/PSR/YEMS	1989-1993	4.75"	15	MAR-D505H-UB-00
YAMAHA STERNDRIVES	7.4 L (300 HP) EST	1992-1993	4.75"	15	MAR-D505H-UB-00

Honda® Hub Applications

Horse Power	Model Notes	Years	Gearcase Diameter	Splines	RPM Range	Gear Ratio	Hub Part Number
35 HP	BF 35	1991-1994	3.5″	13	4600-5600	2.09	MAR-C012H-UB-00
40 HP	BF 40	1995~	3.5″	13	5000-6000	2.09	MAR-C012H-UB-00
45 HP	BF 45	1991-1994	3.5″	13	5000-6000	2.09	MAR-C012H-UB-00
50 HP	BF50/50A	1995~	3.5″	13	5500-6000	2.09	MAR-C012H-UB-00
60 HP	BF 60	2010~	3.5″	13	5000-6000	2.07	MAR-C012H-UB-00
60 HP	BFP 60	2010~	4.25″	15	5000-6000	2.33	MAR-D507H-UB-00
75 HP	BF 75	1995~	4.25″	15	5000-6000	2.33	MAR-D507H-UB-00^^
90 HP	BF 90	1995-2002	4.25″	15	5000-6000	2.33	MAR-D507H-UB-00^^
90 HP	BF 90	2003-2006	4.25″	15	5000-6000	2.30	MAR-D507H-UB-00
90 HP	BF 90	2007~	4.25″	15	5300-6300	2.33	MAR-D507H-UB-00
115 HP	BF 115	1998~	4.25″	15	5000-6000	2.00	MAR-D507H-UB-00
130 HP	BF 130	1998-2004	4.25″	15	5000-6000	2.00	MAR-D507H-UB-00
135 HP	BF 135	2004~	4.25″	15	5000-6000	2.14	MAR-D507H-UB-00
150 HP	BF 150	2004~	4.25″	15	5000-6000	2.14	MAR-D507H-UB-00
200 HP	BF 200	2002~	4.25″	15	5000-6000	1.86	MAR-D507H-UB-00
225 HP	BF 225	2002~	4.25″	15	5000-6000	1.86	MAR-D507H-UB-00

^^ BF75,BF90 (~1998) Use MAR-D501H-UB-00

Mercury® 4-Stroke Hub Applications

Horse Power	Model Notes	Years	Gearcase Diameter	Splines	RPM Range	Gear Ratio	Hub Part Number
25 HP	4-Stroke/Bigfoot	1999-2005	3.5″	13	5250-5750	2.40	MAR-C011H-UB-00
30 HP	4-Stroke	1999-2005	3.5″	13	5500-6000	2.00	MAR-C011H-UB-00
40 HP	4-Stroke (Not Bigfoot)	1997~	3.5″	13	5500-6000	2.00	MAR-C011H-UB-00
40 HP	4-Stroke / Bigfoot	All Years	3.5″	15			MAR-D501H-UB-00
50 HP	4-Stroke (Not Bigfoot)	1995~	3.5″	13	5500-6000	1.83	MAR-C011H-UB-00
50 HP	4-Stroke / Bigfoot	All Years	4.25″	15	5500-6000	2.33	MAR-D501H-UB-00
60 HP	4-Stroke (Not Bigfoot)	2001~	3.25″	13	5500-6000	1.83	MAR-C011H-UB-00
60 HP	4-Stroke / Bigfoot	1995~	4.25″	15	5500-6000	2.33	MAR-D501H-UB-00
75 HP	4-Stroke	2001~	4.25″	15	4500-5500	2.33	MAR-D501H-UB-00
90 HP	4-Stroke	2001~	4.25″	15	5000-6000	2.33	MAR-D501H-UB-00
115 HP	4-Stroke	2001-2006	4.25″	15	5000-6000	2.07	MAR-D501H-UB-00
115 HP	EFI 4-Stroke	2007~	4.25″	15	5800-6400	2.07	MAR-D501H-UB-00
135 HP	Verado®	2007~	4.75″	15	5200-6400	2.08	MAR-D501H-UB-00
150 HP	Verado®	2006~	4.75″	15	5800-6400	2.08	MAR-D501H-UB-00
175 HP	Verado®	2006~	4.75″	15	5800-6400	2.08	MAR-D501H-UB-00
200 HP	Verado®	2005~	4.75″	15	5800-6400	2.08	MAR-D501H-UB-00
225 HP	Verado®	2005~	4.75″	15	5800-6400	1.85	MAR-D501H-UB-00
250 HP	Verado®	2005~	4.75″	15	5800-6400	1.85	MAR-D501H-UB-00
275 HP	Verado®	2005~	4.75″	15	5800-6400	1.85	MAR-D501H-UB-00

Mercury® 2-Stroke Hub Applications							
Horse Power	**Model Notes**	**Years**	**Gearcase Diameter**	**Splines**	**RPM Range**	**Gear Ratio**	**Hub Part Number**
30 HP	(SeaPro®/Marathon)	1994~	3.25	13	4500-5500	2.00	MAR-C011H-UB-00
30 HP	2-Stroke	1994-2002	3.25	13	4500-5500	2.00	MAR-C011H-UB-00
35 HP		1984-1989	3.25	13	4500-5500	2.00	MAR-C011H-UB-00
40 HP	(Model 402)	1974-1976	3.25	13	4500-5500	2.00	MAR-C011H-UB-00
40 HP	(SeaPro®/Marathon)	1977~	3.25	13	4500-5500	2.00	MAR-C011H-UB-00
40 HP	2-Stroke (Includes Model 402)	1977~	3.25	13	5000-5500	1.83	MAR-C011H-UB-00
45 HP		1986-1989	3.25	13	5000-5500	1.83	MAR-C011H-UB-00
48 HP	(Mariner®)	All Years	3.25	13	5000-5500	1.83	MAR-C011H-UB-00
50 HP	(Model 500)	1974-1976	3.25	13	5000-5500	1.83	MAR-C011H-UB-00
50 HP	2-Stroke (Includes Model 500)	1977~	3.25	13	5000-5500	1.83	MAR-C011H-UB-00
55 HP	(Mercury®/SeaPro®/Marathon)	1995~	3.25	13	5000-5500	1.83	MAR-C011H-UB-00
60 HP	2-Stroke	1978~	3.25	13	5000-5500	1.64	MAR-C011H-UB-00
60 HP	(SeaPro®/Marathon)	1995~	4.25	15	4500-5500	2.30	MAR-D501H-UB-00
65 HP	(Model 650 - 4 Cyl.)	1961-1970	4.25	15	4500-5500	2.30	MAR-D501H-UB-00
65 HP	(Model 650 - 2 Cyl.)	~1971	4.25	15	4500-5500	2.30	MAR-D501H-UB-00
70 HP		1987-1989	4.25	15	4500-5500	2.30	MAR-D501H-UB-00
70 HP	(Includes Model 700)	~1983	3.25	13	4500-5500	2.30	MAR-C011H-UB-00
75 HP	(SeaPro®/Marathon)	All Years	4.25	15	4750-5250	2.30	MAR-D501H-UB-00
75 HP	OPTIMAX®		4.25	15	5000-5750	2.33	MAR-D501H-UB-00
80 HP	(Mariner®)	1978-1983	4.25	15			MAR-D501H-UB-00
80 HP		1978-1989	4.25	15			MAR-D501H-UB-00
90 HP	2-Stroke	1989-2004	4.25	15	5000-5500	2.30	MAR-D501H-UB-00
90 HP	OPTIMAX®	2005~	4.25	15	5000-5500	2.33	MAR-D501H-UB-00
100 HP		1988~	4.25	15	4750-5250	2.07	MAR-D501H-UB-00
	Models 900 1150 1500	~1977	4.25	15	4750-5250	2.07	MAR-D501H-UB-00
115 HP		1978-1983	4.25	15	4750-5250	2.07	MAR-D501H-UB-00
115 HP	OPTIMAX®	2007~	4.25	15	5000-5700	2.07	MAR-D501H-UB-00
125 HP		1994-2005	4.25	15	4750-5250	2.07	MAR-D501H-UB-00
135 HP		1987~	4.75	15	5000-5600	2.00	MAR-D501H-UB-00
135 HP	OPTIMAX®	1996~	4.75	15	5250-5750	2.00	MAR-D501H-UB-00
140 HP		All Years	4.25	15			MAR-D501H-UB-00
150 HP		1978~	4.75	15	5000-5600	1.87	MAR-D501H-UB-00
150 HP	OPTIMAX®	2004~	4.75	15	5250-5750	1.87	MAR-D501H-UB-00
175 HP		1978~	4.75	15	5000-5600	1.87	MAR-D501H-UB-00
175 HP	OPTIMAX®	2000~	4.75	15	5250-5750	1.87	MAR-D501H-UB-00
200 HP		1978~	4.75	15	5000-5600	1.87	MAR-D501H-UB-00
200 HP	OPTIMAX®	1998~	4.75	15	5000-5750	1.87	MAR-D501H-UB-00
220 HP		1987-1988	4.75	15	5000-5600	1.87	MAR-D501H-UB-00
225 HP		1980~	4.75	15	5000-5750	1.75	MAR-D501H-UB-00
225 HP	OPTIMAX®	1998~	4.75		5000-5750	1.75	MAR-D501H-UB-00
3.4 Litre		1984-1986	4.75	15	5000-5750	1.75	MAR-D501H-UB-00
250 HP	OPTIMAX®	2007~	4.75		5000-5750	1.75	MAR-D501H-UB-00
275 HP		1990-1994	4.75	15	5000-5750	1.75	MAR-D501H-UB-00
300 HP		1983; 1999~	4.75	15	5000-5750	1.75	MAR-D501H-UB-00

Evinrude® / Johnson® 4-Stroke Hub Applications

Horse Power	Model Notes	Years	Gearcase Diameter	Splines	RPM Range	Gear Ratio	Hub Part Number
40 HP	4-Stroke	1999-2005	3.5″	13	5200-5800	2.27	MAR-C011H-UB-00
50 HP	4-Stroke	1999-2005	3.25″	13	5200-5800	2.27	MAR-C011H-UB-00
60 HP	4-Stroke	1998~	4.25″	13	4700-5300	2.42	MAR-D503H-UB-00
70 HP	4-Stroke	1998~	4.25″	13	5200-5800	2.42	MAR-D503H-UB-00
90 HP	4-Stroke	2003~	4.25″	15	4500-5500	2.59	MAR-D509H-UB-00
115 HP	4-Stroke	2003~	4.25″	15	5000-6000	2.59	MAR-D509H-UB-00
140 HP	4-Stroke	2003~	4.25″	15	5600-6200	2.38	MAR-D501H-UB-00
200 HP	4-Stroke	2004-2005	4.75″	15	5000-6000	2.29	MAR-D502H-UB-00
225 HP	4-Stroke	2004-2005	4.75″	15	5000-6000	2.29	MAR-D502H-UB-00

Evinrude® / Johnson® 2-Stroke Hub Applications

Horse Power	Model Notes	Years	Gearcase Diameter	Splines	RPM Range	Gear Ratio	Hub Part Number
40 HP	E-Tec®	2004~	4.25″	13	5500-6000	2.67	MAR-D503H-UB-00
40 HP	2 Cyl	1984-2005	3.38″	13	4500-5500	2.42	MAR-C012H-UB-00
45 HP	2 Cyl. Commercial	1986-1995	4.25″	13			MAR-D503H-UB-00
48 HP		1987~	3.38″	13			MAR-C012H-UB-00
50 HP	2 Cyl	1975-2005	3.38″	13	4500-5500	2.42	MAR-C012H-UB-00
50 HP	2 Cyl. Commercial	1977-1979	4.25″	13			MAR-D503H-UB-00
50 HP	2 Cyl. Pleasure	1971-1974	4.25″	13			MAR-D503H-UB-00
50 HP	3 Cyl. Pleasure	1994-1998	4.25″	13			MAR-D503H-UB-00
50 HP	E-Tec®	2004~	4.25″	13	5500-6000	2.67	MAR-D503H-UB-00
55 HP		1976-1979	3.38″	13			MAR-C012H-UB-00
55 HP	3 Cyl	1968-1969	4.25″	13			MAR-D503H-UB-00
55 HP	2 Cyl. Commercial	1980~	4.25″	13			MAR-D503H-UB-00
55 HP	E-Tec®	2009~	4.25″	13	5500-6000	2.67	MAR-D503H-UB-00
Sprint/Formula E		1986-1992	3.38″	13			MAR-C012H-UB-00
60 HP	3 Cyl. Pleasure	1970-1971	4.25″	13			MAR-D503H-UB-00
60 HP	3 Cyl	1986-2001	4.25″	13			MAR-D503H-UB-00
60 HP	E-Tec®	2004~	4.25″	13	5500-6000	2.67	MAR-D503H-UB-00
65 HP	2 Cyl	1980-1985	3.38″	13			MAR-C012H-UB-00
65 HP	3 Cyl. Pleasure	1972-1973	4.25″	13			MAR-D503H-UB-00
65 HP	3 Cyl. Commercial	1984-2001	4.25″	13			MAR-D503H-UB-00
70 HP	3 Cyl. Commercial	1974-2001	4.25″	13			MAR-D503H-UB-00
75 HP	E-Tec®	2004~	4.25″	13	4500-5500	2.00	MAR-D503H-UB-00
75 HP	3 Cyl	1975-1985	3.38″	13			MAR-C012H-UB-00
75 HP	3 Cyl. Pleasure	1975-1984	4.25″	13			MAR-D503H-UB-00
85 HP	V4	1969-1980	4.25″	13			MAR-D503H-UB-00
85 HP	V4	1991-1995	4.25″	13			MAR-D503H-UB-00
88 HP	V4	1981-1996	4.25″	13			MAR-D503H-UB-00

Evinrude® / Johnson® 2-Stroke Hub Applications Continued...							
Horse Power	**Model Notes**	**Years**	**Gearcase Diameter**	**Splines**	**RPM Range**	**Gear Ratio**	**Hub Part Number**
90 HP	V4	1981~	4.25"	13			MAR-D503H-UB-00
90 HP	V6	1995~	4.75"	15			MAR-D502H-UB-00
90 HP	E-Tec® Std. Length	2004~	4.25"	13	4500-5500	2.00 / 2.25	MAR-D503H-UB-00
100 HP	V4	1979-1980	4.25"	13			MAR-D503H-UB-00
100 HP	V4	1989-1993	4.25"	13			MAR-D503H-UB-00
100 HP	V6 Commercial	1984~	4.75"	15			MAR-D502H-UB-00
110 HP	V4	1986-1989	4.25"	13			MAR-D503H-UB-00
112 HP	V4	1994-1996	4.25"	13			MAR-D503H-UB-00
115 HP	E-Tec® (Includes H.O.)	2004~	4.25"	13	4500-5500	2.00 / 2.25	MAR-D503H-UB-00
115 HP	V6	1995~	4.75"	15			MAR-D502H-UB-00
115 HP	V4	1973~	4.25"	13			MAR-D503H-UB-00
120 HP	V4	1986-1994	4.25"	13			MAR-D503H-UB-00
120 HP	V6	1985	4.75"	15			MAR-D502H-UB-00
125 HP	V4	1971-1972	4.25"	13			MAR-D503H-UB-00
130 HP	V6	1995~	4.75"	15			MAR-D502H-UB-00
130 HP	E-Tec®	2004~	4.25"	13	5500-6000	2.00 / 2.25	MAR-D503H-UB-00
135 HP	V4	1973-1976	4.25"	13			MAR-D503H-UB-00
140 HP	V4	1977-1994	4.25"	13			MAR-D503H-UB-00
140 HP	V6	1985	4.75"	15			MAR-D502H-UB-00
140 HP	V6 (25")	1989-1994	4.75"	15			MAR-D502H-UB-00
150 Hp	E-Tec®	2009~	4.75"	15	4850-5850	1.86	MAR-D502H-UB-00
150 HP	V6	1978~	4.75"	15	4500-5500	1.86	MAR-D502H-UB-00
150 HP	V6 Commercial	1995~	4.75"	15			MAR-D502H-UB-00
155 HP	Commercial	1978~	4.75"	15			MAR-D502H-UB-00
175 Hp	E-Tec®	2008~	4.75"	15	4850-5850	1.86	MAR-D502H-UB-00
175 HP	V6	1977~	4.75"	15	5300-5800	1.86	MAR-D502H-UB-00
185 HP	V6	1984-1985	4.75"	15			MAR-D502H-UB-00
2.6 Liter	V6	1984-1985	4.75"	15			MAR-D502H-UB-00
3.6 Liter	V6	1986-1987	4.75"	15			MAR-D502H-UB-00
200 HP	V6	1976~	4.75"	15	5000-6000	1.86	MAR-D502H-UB-00
200 Hp	E-Tec®	2006~	4.75"	15	4500-5800	1.86	MAR-D502H-UB-00
225 HP	E-Tec®	2006~	4.75"	15	4500-5800	1.86	MAR-D502H-UB-00
225 HP	E-Tec® H.O.	2009~	4.75"	15	4500-5800	1.71	MAR-D502H-UB-00
225 HP	V6	1986~	4.75"	15	5000-6000	1.86	MAR-D502H-UB-00
235 HP	V6	1978-1985	4.75"	15	5000-6000	1.86	MAR-D502H-UB-00
250 HP	V6	1991~	4.75"	15	5000-6000	1.86	MAR-D502H-UB-00
250 HP	E-Tec®	2006~	4.75"	15	4500-5800	1.85	MAR-D502H-UB-00
250 HP	E-Tec® H.O.	2008~	4.75"	15	4500-6000	1.71	MAR-D502H-UB-00
275 HP	V8	1986-1988	4.75"	15	5000-6000	1.86	MAR-D502H-UB-00
300 HP	V8	1988-1995	4.75"	15	5000-6000	1.86	MAR-D502H-UB-00
300 HP	E-Tec®	2009~	4.75"	15	5000-6000	1.86	MAR-D502H-UB-00

Suzuki® Hub Applications

Horse Power	Model Notes	Years	Gearcase Diameter	Splines	RPM Range	Gear Ratio	Hub Part Number
DT 35C		1987-1989	3.5″	13			MAR-C011H-UB-00
DT 40		1983-1998	3.5″	13			MAR-C011H-UB-00
DF 40	4-Stroke	1999-2010	3.5″	13	5200-5800	2.27	MAR-C011H-UB-00
DF 40A	4-Stroke	2011~	3.5″	13	5000-6000	2.27	MAR-C011H-UB-00
DT 50		1983-1984	3.5″	13			MAR-C011H-UB-00
DT 50M		1983-1984	3.5″	13			MAR-C011H-UB-00
DF 50	4-Stroke	1999-2010	3.5″	13			MAR-C011H-UB-00
DF 50A	4-Stroke	2011~	3.5″	13			MAR-C011H-UB-00
DT 55		1985-1997	3.5″	13			MAR-C011H-UB-00
DT 60		1983-1984	3.5″	13			MAR-C011H-UB-00
DF 60A	4-Stroke	2010~	3.5″	13	5300-6300	2.27	MAR-C011H-UB-00
DF 60	4-Stroke	1998-2009	4.25″	13	4700-5300	2.42	MAR-C011H-UB-00
DT 65		1985-1997	3.5″	13			MAR-C011H-UB-00
DF 70	4-Stroke	1998-2008	4.25″	13	5200-5800	2.42	MAR-C011H-UB-00
DF 70A	4-Stroke	2009~	4.25″	15	5000-6000	2.59	MAR-D509H-UB-00
DT 75		1983-1997	4.25″	13			MAR-D506H-UB-00
DF 80A	4-Stroke	2009~	4.25″	15	5000-6000	2.59	MAR-D509H-UB-00
DT 85		1979-2000	4.25″	13			MAR-D506H-UB-00
DT 90		1989-1997	4.25″	13			MAR-D506H-UB-00
DF 90	4-Stroke	2001-2008	4.25″	15	4500-5500	2.59	MAR-D509H-UB-00
DF 90A	4-Stroke	2009~	4.25″	15	5300-6300	2.59	MAR-D509H-UB-00
DT 100		1989-2000	4.25″	13			MAR-D506H-UB-00
DF 100	4-Stroke	2009~	4.25″	15			MAR-D509H-UB-00
DT 115		1981-2001	4.25″	13			MAR-D506H-UB-00
DF 115	4-Stroke	2001~	4.25″	15	5000-6000	2.59	MAR-D509H-UB-00
DT 140		1981-2001	4.25″	13			MAR-D506H-UB-00
DF 140	4-Stroke	2002~	4.25″	15	5600-6200	2.59	MAR-D501H-UB-00
DT 150		1986-2003	4.75″	15			MAR-D507H-UB-00
DF 150	4-Stroke	2006~	4.75″	15	5000-6000	2.50	MAR-D507H-UB-00
DT 175		1987-1992	4.75″	15			MAR-D507H-UB-00
DF 175	4-Stroke	2006~	4.75″	15	5500-6100	2.50	MAR-D507H-UB-00
DT 200		1986-2000	4.75″	15			MAR-D507H-UB-00
DF 200	4-Stroke	2004~	4.75″	15	5000-6000	2.29	MAR-D507H-UB-00
DT 225		1986-2003	4.75″	15			MAR-D507H-UB-00
DF 225	4-Stroke	2004~	4.75″	15	5000-6000	2.29	MAR-D507H-UB-00
DF 250	4-Stroke	2004~	4.75″	15	5500-6100	2.29	MAR-D507H-UB-00
DF 300	4-Stroke	2007~	4.75″	15	5700-6300	2.08	MAR-D507H-UB-00

Force® Hub Applications							
Horse Power	**Model Notes**	**Years**	**Gearcase Diameter**	**Splines**	**RPM Range**	**Gear Ratio**	**Hub Part Number**
40 HP		1995-1998	3.5″	13			MAR-C011H-UB-00
50 HP		1995-1998	3.5″	13			MAR-C011H-UB-00
70 HP		1991-1995	3.5″	13			MAR-C011H-UB-00
75 HP		1996-1998	3.5″	13			MAR-C011H-UB-00
75 HP		1999~	4.25″	15			MAR-D501H-UB-00
85 HP		1988-1989	4.25″	15			MAR-D501H-UB-00
90 HP	L-Drive	1989-1991	4.25″	15			MAR-D501H-UB-00
90 HP		1995-1996	4.25″	15			MAR-D501H-UB-00
90 HP	L-Drive	1990-1991	4.25″	15			MAR-D501H-UB-00
90 HP		1990-1994	4.25″	15			MAR-D501H-UB-00
120 HP	L-Drive	1989-1991	4.25″	15			MAR-D501H-UB-00
120 HP		1995-1996	4.25″	15			MAR-D501H-UB-00
120 HP	L-Drive	1990-1991	4.25″	15			MAR-D501H-UB-00
120 HP		1990-1994	4.25″	15			MAR-D501H-UB-00
125 HP		1988-1989	4.25″	15			MAR-D501H-UB-00
150 HP		1989-1994	4.25″	15			MAR-D501H-UB-00
150 HP	L-Drive	1991	4.25″	15			MAR-D501H-UB-00
150 HP		1989-1994	4.25″	15			MAR-D501H-UB-00
150 HP	L-Drive	1991	4.25″	15			MAR-D501H-UB-00

Nissan® / Tohatsu® Hub Applications							
Horse Power	**Model Notes**	**Years**	**Gearcase Diameter**	**Splines**	**RPM Range**	**Gear Ratio**	**Hub Part Number**
35 HP	(35B Only)	~1984	3.5″	13			MAR-C013H-UB-00
40 HP	40D	1984~	3.5″	13	4500-5500	1.85	MAR-C013H-UB-00
40 HP	TLDI®	2003~	3.5″	13	5150-5850	1.85	MAR-C013H-UB-00
50 HP	50C	1987-1999	3.5″	13	5000-5700	1.85	MAR-C013H-UB-00
50 HP	includes TLDI®	2000~	3.5″	13	5150-5850	1.85	MAR-C013H-UB-00
55 HP		1981-1988	3.5″	13			MAR-C013H-UB-00
60A		1986-1999	3.5″	13			MAR-C013H-UB-00
60C	(Large Gearcase)	~1999	4.25″	15			MAR-D505H-UB-00
70 HP	70A and 70B	1981-1995	3.5″	13			MAR-C013H-UB-00
70 HP		1992-1997	4.25″	15	4900-5600	2.30	MAR-D505H-UB-00
70 HP	TLDI®	1998~	4.25″	15	5150-5850	2.30	MAR-D505H-UB-00
75 HP	TLDI®	2010~	4.25″	15	5150-5850	2.33	MAR-D505H-UB-00
90 HP		1987-1999	4.25″	15	5000-5500	2.00	MAR-D505H-UB-00
90 HP	TLDI®	2000-2009	4.25″	15	5150-5850	2.00	MAR-D505H-UB-00
90 HP	TLDI®	2010~	4.25″	15	5150-5850	2.33	MAR-D505H-UB-00
115 HP		1992-2002	4.25″	15	5200-5700	2.00	MAR-D505H-UB-00
115 HP	TLDI®	2003~	4.25″	15	5150-5850	2.00	MAR-D505H-UB-00
120 HP		1988-2003	4.25″	15	5200-5700	2.00	MAR-D505H-UB-00
140 HP		1988-2003	4.25″	15	5200-5700	2.00	MAR-D505H-UB-00

Yamaha 2-Stroke Hub Applications

Horse Power	Model Notes	Years	Gearcase Diameter	Splines	RPM Range	Gear Ratio	Hub Part Number
40 HP	2 Stroke	1984~	3.5″	13	4500-5500	1.85	MAR-C014H-UB-00
48 HP	2 Stroke	1995-2000	3.5″	13	4500-5500	1.85	MAR-C014H-UB-00
50 HP	2 Stroke	1984~	3.5″	13	4500-5500	1.85	MAR-C014H-UB-00
55 HP	2 Stroke	~1995	3.5″	13	4500-5500	1.84	MAR-C014H-UB-00
60 HP	2 Stroke	~1991	3.5″	13	4500-5500	2.33	MAR-C014H-UB-00
60 HP	2 Stroke	1992-2005	4.25″	15	4500-5500	2.00	MAR-D500H-UB-00
70 HP	2 Stroke	2000~	4.25″	15	4500-5500	2.33	MAR-D500H-UB-00
75 HP	2 Stroke	1994-1999	4.25″	15	4500-5500	2.00	MAR-D500H-UB-00
80 HP	2 Stroke	1997	4.25″	15	4500-5500	2.00	MAR-D500H-UB-00
85 HP	2 Stroke	1991-1997	4.25″	15	4500-5500	2.00	MAR-D500H-UB-00
90 HP	2 Stroke	1984~	4.25″	15	4500-5500	2.00	MAR-D500H-UB-00
115 HP	2 Stroke	1984~	4.25″	15	4500-5500	2.00	MAR-D505H-UB-00
130 HP	2 Stroke	1984-2003	4.25″	15	4500-5500	2.00	MAR-D505H-UB-00
150 HP	2 Stroke	1986~	4.75″	15	4500-5500	2.00	MAR-D505H-UB-00
175 HP	2 Stroke	1984~	4.75″	15	4500-5500	1.86	MAR-D505H-UB-00
200 HP	2 Stroke	1984~	4.75″	15	4500-5500	1.86	MAR-D505H-UB-00
220 HP	(Special)	1984-1985	4.75″	15	4500-5500	1.75	MAR-D505H-UB-00
225 HP	2 Stroke	1986~	4.75″	15	4500-5500	1.75	MAR-D505H-UB-00
225 HP	(Excel) 2 Stroke	1987-1988	4.75″	15	4500-5500	1.75	MAR-D505H-UB-00
250 HP	2 Stroke	1990~	4.75″	15	4500-5500	1.75	MAR-D505H-UB-00
2.6L	VMAX® 2 Stroke	2001~	4.75″	15	4500-5500	1.86	MAR-D505H-UB-00
3.3L	VMAX® 2 Stroke	2001~	4.75″	15	4500-5500	1.75	MAR-D505H-UB-00

Yamaha 4-Stroke Hub Applications

Horse Power	Model Notes	Years	Gearcase Diameter	Splines	RPM Range	Gear Ratio	Hub Part Number
T25	4-Stroke		3.5″	13	5000-6000		MAR-C014H-UB-00
F30	4-Stroke	2001-2005	3.5″	13	5000-6000	2.00	MAR-C014H-UB-00
F40	4-Stroke	1999~	3.5″	13	5000-6000	2.00	MAR-C014H-UB-00
F50	4-Stroke	1995~	3.5″	13	5000-6000	1.85	MAR-C014H-UB-00
T50	4 Stroke	1996~	4.25″	15	5000-6000	2.33	MAR-D500H-UB-00
F60	4-Stroke	1999~	3.5″	13	5000-6000	1.85	MAR-C014H-UB-00
T60	4-Stroke	1999~	4.25″	15	5000-6000	2.33	MAR-D500H-UB-00
F70	4-Stroke	2010~	4.25″	15	5300-6300	2.33	MAR-D500H-UB-00
F75	4-Stroke	2003~	4.25″	15	5000-6000	2.31	MAR-D500H-UB-00
F80	4-Stroke	1999-2002	4.25″	15	5000-6000	2.31	MAR-D500H-UB-00
F90	4-Stroke	1999~	4.25″	15	5000-6000	2.00	MAR-D500H-UB-00
F100	4-Stroke	1999-2002	4.25″	15	5000-6000	2.31	MAR-D500H-UB-00
F115	4-Stroke	2000~	4.25″	15	5000-6000	2.15	MAR-D505H-UB-00
F150	4-Stroke	2004~	4.75″	15	5000-6000	2	MAR-D505H-UB-00
F200	4-Stroke	2002~	4.75″	15	5000-6000	2	MAR-D505H-UB-00
VF200	V MAX® SHO® 4 Stroke	2010~	4.75″	15	5000-6000	1.75	MAR-D505H-UB-00

Yamaha 4-Stroke Hub Applications Continued...							
Horse Power	**Model Notes**	**Years**	**Gearcase Diameter**	**Splines**	**RPM Range**	**Gear Ratio**	**Hub Part Number**
F225	4-Stroke	2002~	4.75″	15	5000-6000	2	MAR-D505H-UB-00
VF225	V MAX® SHO® 4 Stroke	2010~	4.75″	15	5000-6000	1.75	MAR-D505H-UB-00
F225	4 Stroke Offshore	2010~	4.75″	15	5000-6000	1.75	MAR-D505H-UB-00
F250	4-Stroke	2002~	4.75″	15	5000-6000	2.00	MAR-D505H-UB-00
F250	4 Stroke Offshore	2010~	4.75″	15	5000-6000	1.75	MAR-D505H-UB-00
VF250	V MAX® SHO® 4 Stroke	2010~	4.75″	15	5000-6000	1.75	MAR-D505H-UB-00
F300	4 Stroke Offshore	2010~	4.75″	15	5000-6000	1.75	MAR-D505H-UB-00

Propeller Hardware Kits



6G5-W4599-00-00

Castle Nut	90171-18M04-00
Cotter Pin	91490-40030-00
Rear Spacer	688-45997-01-00
Washer	92990-18200-00



6H1-W4599-00-00

Castle Nut	90171-16011-00
Cotter Pin	91490-30030-00
Rear Spacer	688-45997-01-00
Washer	90201-17M00-00



6H4-W4599-00-00

Castle Nut	90171-16011-00
Cotter Pin	91490-30030-00
Rear Spacer	670-45997-02-00
Washer	92990-16200-00



66T-W4599-00-00

Bushing	90389-22M01-00
Rear Spacer	66T-45997-00-00
Cotter Pin	91490-30030-00
Castle Nut	90171-16011-00



67F-W4599-00-00

Castle Nut	90171-16011-00
Bushing	90389-25M00-00
Rear Spacer	67F-45997-00-00
Cotter Pin	91490-40030-00



647-W4599-00-00

Propeller Nut	647-45616-02-00
Cotter Pin	91490-30030-00



689-W4599-00-00

Castle Nut	90171-14013-00
Rear Spacer	689-45997-00-00
Cotter Pin	91490-30030-00
Washer	92990-14200-00

4-Stroke Propeller Hardware Kit Application	Kit Part Number
F25	689-W4599-00-00
F30, F40 (00~), F40LA	66T-W4599-00-00
F40 (99)	6H4-W4599-00-00
F50 (01~)	66T-W4599-00-00
F50 (95~00)	6H4-W4599-00-00
T50 (96~00)	6H1-W4599-00-00
T50 (01~)	67F-W4599-00-00
F60 (03~)	66T-W4599-00-00
T60 (03~)	67F-W4599-00-00
F70	67F-W4599-00-00
F75, F90 (03~)	67F-W4599-00-00
F80, F100	67F-W4599-00-00
F115~F250, F250B	6G5-W4599-00-00
F225~F300 4.2L Non SDS	6G5-W4599-00-00
VF200~VF250 (4.2L)	6G5-W4599-00-00

2-Stroke Propeller Hardware Kit Application	Kit Part Number
4, 5 (84~91)	647-W4599-00-00
20,25, C25, CV25, 30, C30, CV30	689-W4599-00-00
40 (84~01), P40, P50, Pro50	6H4-W4599-00-00
C40, C50, C55, CV40, CV55, E48	6H4-W4599-00-00
50	6H4-W4599-00-00
60~90 (~03)	6H1-W4599-00-00
60~90 (04~)	67F-W4599-00-00
C60~C90, E60, P60, E75, P75	6H1-W4599-00-00
CV85, B90	6H1-W4599-00-00
B115	6G5-W4599-00-00
115~250, C115, C150	6G5-W4599-00-00
P115~P200, PX175	6G5-W4599-00-00
S115~S250	6G5-W4599-00-00
D150, DX150, ProV150	6G5-W4599-00-00
SX150~SX250, V150~V225	6G5-W4599-00-00
VX150~VX250	6G5-W4599-00-00
VZ150~VZ300	6G5-W4599-00-00
Z150~Z300	6G5-W4599-00-00

Propeller Accessories

Prop Lock
Helps protect your propeller investment. Easy-to install and cost effective. Does not interfere with operation (i.e., motor can be used with a lock installed). Suitable for use on regular and counter rotating props.
Fits 40 ~ 90

MAR-PROPL-CK-01



Propeller Cover
Constructed of 600D, solution-dyed polyester for durability and fade resistance

MAR-PROPB-AG-BK



Prop Wrench
Designed to fit the dimensions of your Yamaha V4 and V6 outboard prop nut. Has a 9/16-inch square opening on the reverse side to open garboard drain plugs.

MAR-PROPW-RN-CH



TRP Front Prop Wrench
Designed to fit both propeller nuts on the D150 and DX150 models.

65N-28161-00-00



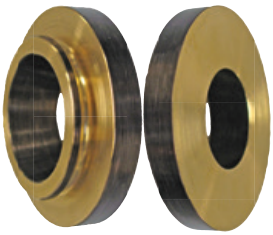
SDS Spacers
Required for installing a SDS propeller on engines with non SDS propellers installed or equiped with non a SDS spacer in the engine crate.

V8: 6AW-45997-10-00
V6: 6CE-45997-00-00
F150: 6CE-45997-00-00



Two Piece Thrust Washer:
Used in place of a standard thrust washer on most VZ and VF engines.

99999-03848-00



Oils and Lubes Index

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Oil and Lubes POP Material



YAMALUBE® Marine Performance

There are many reasons you chose a Yamaha Outboard. Performance, Technology, Durability, and an enjoyable boating experience you can look forward to thanks to Yamaha's legendary reliability. Using Genuine Yamaha oils and maintenance parts along with a regular maintenance schedule can help your customers get the most out of their engines and their boating experience.

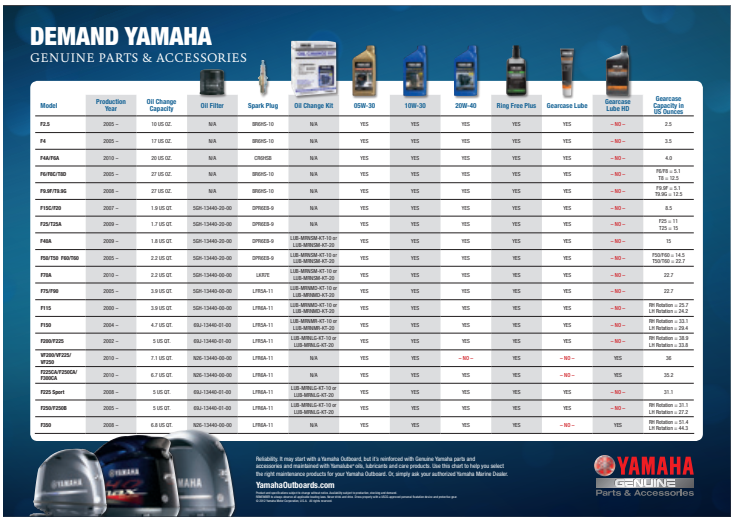
Yamaha offers a variety of material to help you convey the importance of proper maintenance and the advantage of Genuine Yamaha parts, most at little or no cost to you.

YAMALUBE® Counter Mats: ***LIT-MRPCN-GM-AT***

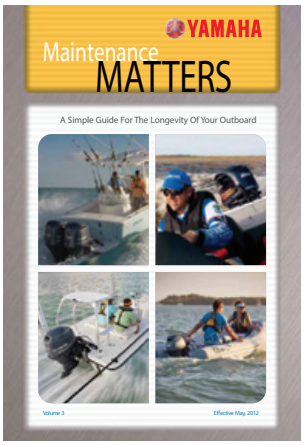
Ethanol Defense Brochures: ***LIT-ETHDF-NS-12***

Maintenance Matters Brochures: ***LIT-MNTMT-RS-12***

Yamaha Oil Bottle Display: ***LUB-BOTTL-DS-PL***







Outboard Engine Oil

Yamalube® 2M- Two Stroke for Outboards
NMMA® TC-W3®-Certified, 2M premium two stroke blend delivers superior lubrication and anti-wear/anti-rust protection for outboard engines operating in demanding marine environments. Provides the highest level of protection on the market. Semi-synthetic oil with an exclusive additive blend works to guard against ring stick and carbon build up, while special additives minimize wear. This oil is designed for the most grueling conditions two stroke outboards face. Whether it's extended full-throttle operation, engine- punishing "out of the hole" acceleration, or hour after hour of trolling, this oil can take it. With its extreme level of performance, Yamalube 2M offers the best everyday protection, too. *Not recommended for WaveRunner® Personal Watercraft or Sport Boats.*



YAMALUBE 4M FC-W® Full Synthetic SAE 5W-30
Group IV fully synthetic oil offers our best outboard lubrication and performance, and it's FC-W® rated by the National Marine Manufacturers Association (NMMA®). Contains all of the benefits of mineral oil based Yamalube 4M, with increased lubricity for lower friction levels and potentially improved fuel economy. Specific marine additives help combat rust, corrosion, varnish, and wear; all while providing high levels of bearing protection, resistance to foaming, and lubrication.



Yamalube 4M FC-W® for Four Stroke Outboards
In order for an oil to be approved by the NMMA® to hold its highest rating for marine engine oils, FC-W® (Four Cycle – Water cooled) it must pass a multitude of tests. Passenger car oils don't pass these tests, which is why it's important to use NMMA®-Certified Yamalube 4M FC-W®. Automotive oils do not usually run at 6000 rpm. Yamaha Outboard engines were designed to run at full throttle (5500 to 6000 rpm) all day long. At this speed it is critical that engine oil not foam. Foaming reduces lubricity which can lead to wear and over time this can lead to failure. Yamalube 4M FC-W® has the best blend of anti-foam technology available.



YAMALUBE® Oil	Quart Bottles	One Gallon Bottles	2.5 Gallon Bottles	55 Gallon Drum
2M Two Stroke Oil	LUB-2STRK-M1-12	LUB-2STRK-M1-04	LUB-2STRK-M1-02	LUB-2STRK-M1-55
4M FC-W® 05W-30	LUB-05W30-FC-12			
4M FC-W® 10W-30	LUB-10W30-FC-12	LUB-10W30-FC-04		LUB-10W30-FC-55
4M FC-W® 20W-40	LUB-20W40-FC-12	LUB-20W40-FC-04		LUB-20W40-FC-55

Outboard Oil Change Kits

Yamaha's oil change kits are designed for the mobile service dealers to provide an easy, all in one oil change package. They're also perfect for the do-it-yourself customer. One stop, one box, and your customer is back on the water. Large, Mid Range, and Medium Kits have a minimum order quantity of 4. Small oil change kits have a minimum order quantity of 6.



Production Years	Model	Oil Change Capacity	10W-30 Kit	20W-40 Kit	Kit Contents
'05-'10	F250A&B	5.1 Qts.	LUB-MRNLG-KT-10	LUB-MRNLG-KT-20	Large Kit: 6 quarts of oil, oil filter, and drain screw gasket
'08-'10	F225 Sport	5.1 Qts.	LUB-MRNLG-KT-10	LUB-MRNLG-KT-20	
'02-'10	F225	5.1 Qts.	LUB-MRNLG-KT-10	LUB-MRNLG-KT-20	
'02-'10	F200	5.1 Qts.	LUB-MRNLG-KT-10	LUB-MRNLG-KT-20	
13~	F200 (In Line)	4.8 Qts.	LUB-MRNMR-KT-10	LUB-MRNMR-KT-20	Mid Range Kit: 5 quarts of oil, oil filter, and drain screw gasket.
13~	VF150	4.8 Qts.	LUB-MRNMR-KT-10	LUB-MRNMR-KT-20	
'04~	F150	4.8 Qts.	LUB-MRNMR-KT-10	LUB-MRNMR-KT-20	
'00~	F115	4.8 Qts.	LUB-MRNMD-KT-10	LUB-MRNMD-KT-20	Medium Kit: 5 quarts of oil, oil filter, and drain screw gasket
'99-'02	F100	5.0 Qts.	LUB-MRNMD-KT-10	LUB-MRNMD-KT-20	
'03~	F90	4.8 Qts.	LUB-MRNMD-KT-10	LUB-MRNMD-KT-20	
'99-'02	F80	5.0 Qts.	LUB-MRNMD-KT-10	LUB-MRNMD-KT-20	
'03~	F75	4.8 Qts.	LUB-MRNMD-KT-10	LUB-MRNMD-KT-20	
'10~	F70	2.3 Qts.	LUB-MRNSM-KT-10	LUB-MRNSM-KT-20	Small Kit: 3 quarts of oil, oil filter, and drain screw Gasket
'03~	T60	2.3 Qts.	LUB-MRNSM-KT-10	LUB-MRNSM-KT-20	
'02~	F60	2.3 Qts.	LUB-MRNSM-KT-10	LUB-MRNSM-KT-20	
'96~	T50	2.3 Qts.	LUB-MRNSM-KT-10	LUB-MRNSM-KT-20	
'95~	F50	2.3 Qts.	LUB-MRNSM-KT-10	LUB-MRNSM-KT-20	
'09~	F40A	2.1 Qts.	LUB-MRNSM-KT-10	LUB-MRNSM-KT-20	
'99-'08	F40	2.3 Qts.	LUB-MRNSM-KT-10	LUB-MRNSM-KT-20	
'01-'06	F30	2.3 Qts.	LUB-MRNSM-KT-10	LUB-MRNSM-KT-20	

Pumps and Spouts



Multi-Purpose Gallon Pump
Universal style gallon-size container pump. Fits standard oil containers with a 1-1/2"neck. A marine lower unit fitting and all-purpose fitting are also included.

ACC-PUMP0-02-GL



Multi-Purpose Quart Pump
Universal style quart-size container pump. Fits standard oil containers with a 1-1/8"neck. A marine lower unit fitting and all-purpose fitting are also included.

ACC-PUMP0-00-QT



5-Gallon Pail Pump
Use with 5-gallon pails of lube. Comes with special marine lower unit fitting and an all-purpose fitting for filling gearcases.

LUB-PUMP0-05-GL



Manual 55-Gallon
Drum Pump Use with 55-gallon drums of Yamalube.

ACC-11000-39-99



Oil Extractor Pump
Make changing the oil on your four stroke personal watercraft, snowmobile, ATV, boat, lawn mower, etc. clean and hassle free. Holds up to 6 liters (1.5 gal) in this sturdy portable container. Pump included.

SBT-OILEX-TR-CT



15 Liter Oil Extractor
This extractor is designed to extract fluids from inaccessible or confined areas. It is ideal for oil changes. To measure how much you have extracted, each calibrated line on the wall is about one liter with a total capacity of 15 liters.

SBT-15LEX-TR-10



Flexible Oil Spout
This flexible, easy-pour spout helps with pouring engine oil from 1 gallon, 2.5 gallon and engine oil quart containers.

ACC-SPOUT-GA-LN



Ratio Rite®
Provides measures for 16:1- 50:1 mixtures, and cc./oz./pt. for fills.

ABA-RATIO-RI-TE

Fuel Additives

What's Good for the Environment Can Be Bad for Your Engine.
Ethanol-enriched (E-10) fuels help to improve air quality, which is why the federal government has mandated their increased use. However, unlike fuels of the past, E-10 fuels are known to absorb moisture, either from the air or from standing water in the bottoms of fuel tanks. They also generate corrosive sulfate salts that can attack metal components in a fuel system, clogging filters and resulting in other performance issues. Because of these known weaknesses, E-10 fuels require special care and treatment, whether your engine is in constant use or in storage. The Yamalube Care Products line includes formulations that help combat the potential harmful side-effects of E-10 fuels, ensuring high performance, lower ownership costs and a long life for your Yamaha.



Ring Free PLUS
Exclusive, synthetic PLUS formula provides superior deposit control; cleaning fuel injectors, carburetors, intake valves, intake ports and combustion chambers. Contains metal filmers to help protect fuel system components like silver solder, copper, aluminum and steel from the corrosive affects of ethanol sulfate salt.

32 oz. Bottle (Qty. 6*) ***ACC-RNGFR-PL-32***

12 oz. Bottle (Qty. 12*) ***ACC-RNGFR-PL-12***



Fuel Stabilizer & Conditioner PLUS
Strongly recommended for E-10 fuels, this alcohol-free formula helps prevent fuel oxidation and phase separation. Use continuously to help keep fuel fresh, potent and free from gum and varnish for up to one year of storage. Its metal filmers provide extensive protection for steel and aluminum components.

32 oz. Bottle (Qty. 6*) ***ACC-FSTAB-PL-32***

12 oz. Bottle (Qty. 12*) ***ACC-FSTAB-PL-12***



** Ordered individually with a minimum order quantity*

Grease



Molybdenum Disulfide
This extreme-pressure grease lubricates high loads at various speeds. Non-corrosive, it's water-resistant, exhibiting low-friction properties that protect against wear and galling in difficult operating conditions.

10 oz. Tube (Qty. 12*) ***ACC-MOLDM-GS-10***



Marine Grease
Especially formulated to resist wash-off and extreme heat and pressure, and prevent corrosion and rust. (NLGI® 2) Lithium soap based.

10 oz. Tube (Qty. 12*) ***ACC-GREAS-10-CT***

14 oz. Cartridge (Qty. 10*) ***ACC-GREAS-14-CT***



Multi-Purpose Grease
Specially formulated to resist extreme pressure, water and corrosion. (NLGI® 2)

1 lb. Tub (Qty. 6*) ***ACC-MLTPR-GR-00***



3 oz. Multi-Purpose Grease Gun
One-hand operation. Includes one multi-purpose grease cartridge.

ACC-GREAS-EG-UN

Uses 3 oz. Refill Cartridges ***ACC-GREAS-RE-FL***



WR No. 2 Grease
Provides water resistance, rust protection, lubrication and heat resistance. Specially designed for four stroke oil pump seals, drive shaft splines and drive shaft bushing area. For four stroke and two stroke applications.

90790-74046-00

** Ordered individually with a minimum order quantity*



Power Trim & Tilt
Premium formula is non-foaming and resists heat and pressure found in power trim, tilt and power steering systems for smooth operation. Meets Yamaha factory requirements.

Quart Bottle (Qty. 12*) ***ACC-PWRTR-MF-32***

10 oz. Tube (Qty. 12*) ***ACC-PWRTR-MF-10***



Marine Lower Unit Gear Lube HD
Special formulation required for use in V8 F300-F350 V6 VMAX SHO® 200-250, and 4.2L Offshore gearcases. (Not recommended for use in any other Yamaha outboard.)

Quart Bottle (Qty. 12*) ***ACC-GLUBE-HD-QT***

5 Gallon Pail ***ACC-GLUBE-HD-05***



Gearcase Lube
Rust and corrosion inhibitors protect outboard gearcase components. (Not for use on V8 outboards.)

10 oz. Tube (Qty. 12*)	***ACC-GEARL-UB-10***
Quart Bottle (Qty. 12*)	***ACC-GEARL-UB-QT***
Gallon Bottle (Qty. 4*)	***ACC-GEARL-UB-GL***
5 Gallon Pail	***ACC-GEARL-UB-05***
55 Gallon Drum	***ACC-GEARL-UB-55***

** Ordered individually with a minimum order quantity*

Yamabond® Adhesives



Yamabond® 4 Marine
This silicone-based liquid gasket fills gaps to prevent leaks. Pressure and oil resistant.

3 oz. Tube ***ACC-BOND4-MA-00***



Yamabond® 5
Coat mechanical joints with this liquid gasket before assembly to prevent leaks.

2.5 oz. Tube ***ACC-YAMAB-ON-D5***



Yamabond® 6B
Has high viscosity and excellent swelling, and works effectively for joint surfaces that have a larger clearance.

3.5 oz. Tube ***ACC-YAMAB-ND-6B***



Yamabond® 7
High-strength, synthetic rubber adhesive formulated for grips, throttle pipes and lever handles, without damaging rubber.

10 gram Tube ***ACC-YAMAB-ON-D7***



Yamabond® 14
Yamabond 14 is a solventbased thread lock. Vibration and impact-resistant, it locks screws, bolts and threaded fasteners. Works great with plastic and metal.

200 grams ***ACC-YAMAB-ON-14***



Yamabond 1386
Used for camshaft caps on four stroke outboard engines.

15 ml Bottle ***ACC-YAMBD-13-86***

Loctite®

668™ 19 GM
Extreme application anaerobic retaining adhesive. (Can use in place of Loctite ® 648™ Threadlocker)

ACC-QKSTX-66-80



Loctite® Gasket Maker™
Gasket Maker™ is a non-corrosive, anaerobic sealer designed primarily for use on aluminum, iron and steel flanged mating surfaces. (S518) 50 ml Tube

ACC-LCTE5-18-31



248™ MD 9 GM
Medium strength anaerobic threadlocking material. (Can use in place of Loctite® 242™ Threadlocker)

ACC-QKSTX-24-80



268™ HI 9 GM
High strength anaerobic, thixotropic, thread-locking material. (Can use in place of Loctite® 271™ Threadlocker)

ACC-QKSTX-26-80



561™ PST® 19 GM
A single-component, high-viscosity, low strength, acrylic thread-locking adhesive. (Can use in place of Loctite® 567™ PST® Sealant)

ACC-QKSTX-56-10



Looking for more great Yamalube products? Check out the detailing and cleaning section in this catalog.

Yamaha offers some of the best products on the market to help you make our customers smile when they see their boat.



Shop Supplies



Yamaha Internal Engine Cleaner
For dealer purchase only. The best product offered by Yamaha for carbon removal. Ordered by case, 1 on order equals 6 bottles.
Quart bottle (Qty. 6) ***ACC-CLEAN-D1-00***



Carburetor Cleaner Dip
Use this concentrated solution with water as a dip for cleaning metal that has been varnished by old gasoline. Also removes dirt, grime and gum.
Quart Bottle (Qty. 12*) ***ACC-CARBC-LE-NR***



EFI Engine Storage Fogging Oil
Equally distributes fogging oil to cylinders in EFI engines with single-throttle bodies, protecting pistons, cylinder walls and valves from moisture, salt water and combustion acids for up to 1 year of storage.
Quart Bottle (Qty. 6*) ***ACC-STORR-IT-32***



Stor-Rite Engine Fogging Oil
Lubricates and protects internal engine components. Critical for proper winterization and during extended storage periods.
12 oz. Can (Qty. 12*) ***ACC-STORE-RI-TE***



Combustion Chamber Cleaner
Use to remove carbon and other contaminants from cylinders, pistons, rings and valves. A great inclusion into your seasonal maintenance. Clean engines last longer.
13 oz. Can (Qty. 12*) ***ACC-CMBSN-CL-NR***



LubezAll
This popular lube is back and completely reformulated. Now an aerosol synthetic grease with PTBE, it's a high quality multipurpose lubricant.
11 oz. Can (Qty. 12*) ***ACC-LUBZA-LL-00***



Brake & Contact Cleaner
Use this product to clean off brake dust from critical brake components and quickly clean parts leaving them residue free.
13 oz. Can (Qty. 12*) ACC-BRKCT-12-00



Battery Terminal Cleaner & Protector
This strong water-based cleaner with acid-alkali indicator removes corrosive build-up on battery terminal posts to help increase power output and extend battery life. Simply rinses off with water and leaves terminals coated with a residual protective film.
13 oz. Can (Qty. 12*) ***ACC-BATTC-LN-PR***

** Ordered individually with a minimum order quantity*

External Engine Cleaner
Powerful engine degreaser and engine cleaner powers off grease, mud and grime. Safe on most rubber, plastic and painted metal surfaces.

15 oz. Can (Qty. 12*) ***ACC-ENGCL-NR-00***



Yamashield™
Designed to create a non-conductive shield on surfaces that are exposed to the elements. This shield will reduce the effects of moisture on metal components and electrical connections. (Replaces Boeshield T-9® Protectant and Lubricant ACC-T9SPR-AY-00)

13 oz. Can (Qty. 12*) ***ACC-YAMSH-LD-00***



Silicone Spray Protectant & Lubricant
General-purpose lubricant that helps to protect metals against rust and corrosion. Conditions and protects neoprene, rubber and other surfaces from environmental effects.

11 oz. Can (Qty. 12*) ***ACC-SLCNS-PR-AY***



Hand Cleaner
This hand cleaner powers through dirt, grease, and grime to give your hands a smooth clean feeling. Also available in a one-gallon bottle, for use with our wall mounted dispenser.

15 oz. Tube (Qty. 12*) ***ACC-HNDCL-NR-00***

4 liters (Qty. 4*) ***ACC-HNDCL-NR-01***

Dispenser ***ACC-HNDCL-NR-DS***



** Ordered individually with a minimum order quantity*

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Maintenance Items

Maintenance Capacities Chart

Model	Production Year	Oil Change Capacity:	Oil Filter Part #	(NGK®) Spark Plug	5W30 4M	10W30 4M	20W40 4M	Gear Case Capacity in Ounces
F2.5	2005~	10 US OZ.	N/A	BR6HS-10	✓	✓	✓	2.5
F4	2005~	17 US OZ.	N/A	BR6HS-10	✓	✓	✓	3.5
F4A / F6A	2010~	20 US OZ	N/A	CR6HSB7	✓	✓	✓	4.0
F6 / F8C / T8D	2005~	27 US OZ.	N/A	BR6HS-10	✓	✓	✓	F6 / F8 = 5.1 T8 = 12.5
F9.9F / T9.9G	2008~	27 US OZ.	N/A	BR6HS-10	✓	✓	✓	F9.9F = 5.1 T9.9G = 12.5
F15C / F20	2007~	1.9 US QT	5GH-13440-20-00	DPR6EA-9	✓	✓	✓	8.5
F25A / T25A	2009~	1.7 US QT	5GH-13440-20-00	DPR6EA-9	✓	✓	✓	F25 = 11 T25 = 15
F40A	2009~	1.8 US QT	5GH-13440-20-00	DPR6EB-9	✓	✓	✓	15
F50 / T50 / F60 / T60	2005~	2.2 US QT	5GH-13440-20-00	DPR6EB-9	✓	✓	✓	F50 / F60 = 14.5 T50 / T60 = 22.7
F70LA	2010~	2.2 US QT	5GH-13440-00-00	LKR7E	✓	✓	✓	22.7
F75 / F90	2005~	3.9 US QT	5GH-13440-00-00	LFR5A-11	✓	✓	✓	22.7
F115	2000~	3.9 US QT	5GH-13440-00-00	LFR6A-11	✓	✓	✓	RH Rotation = 25.7 LH Rotation = 24.2
F150	2004~	4.7 US QT	69J-13440-01-00	LFR5A-11	✓	✓	✓	RH Rotation = 33.1 LH Rotation = 29.4
VF150	2013~	4.7 US QT	69J-13440-01-00	LFR6A-11	✓	✓	✓	33.2
F200 (Inline 4 Cyl)	2013~	4.7 US QT	69J-13440-01-00	LFR6A-11	✓	✓	✓	RH Rotation = 33.2 LH Rotation = 33.2
F200 / F225	2002~	5.0 US QT	69J-13440-01-00	LFR5A-11	✓	✓	✓	RH Rotation = 38.9 LH Rotation = 33.8
VF200 / VF225 / VF250	2010~	7.1 US QT	N26-13440-00-00	LFR6A-11	✓	✓	⊘	36
F225CA / F250CA / F300CA	2010~	6.7 US QT	N26-13440-00-00	LFR6A-11	✓	✓	✓	35.2
F225 Sport	2008~	5.0 US QT	69J-13440-01-00	LFR6A-11	✓	✓	✓	31.1
F250 (A & B)	2005~	5.0 US QT	69J-13440-01-00	LFR6A-11	✓	✓	✓	RH Rotation = 31.1 LH Rotation = 27.2
F300 / F350	2008~	6.8 US QT	N26-13440-00-00	LFR6A-11	✓	✓	✓	RH Rotation = 51.4 RH Rotation = 44.3

This chart is provided for reference only, always refer to the proper service manual for the most accurate information.

4-Stroke Spark Plugs

Four Stroke Model	NGK® Number	Gap (mm)	Gap (in)	Yamaha Part Number
F2.5, F4	B6HS	0.6	0.024	B6HS00000000
F4A, F6A	CR6HSB	0.7	0.028	CR6HSB000000
F6	BR6HS-10	1.0	0.04	BR6HS1000000
F8, T8	BR6HS-10	1.0	0.04	BR6HS1000000
F9.9/FT9.9/T9.9 (85~03) cold climates	CR4HSA	0.6	0.024	CR4HSA000000
F9.9/FT9.9/T9.9 (85~04)	CR6HS	0.6	0.024	CR6HS0000000
F9.9, T9.9, FT9.9 (05~)	DPR6EA-9	0.8	0.032	DPR6EA900000
F9.9F, T9.9G	BR6HS-10	1.0	0.04	BR6HS1000000
F15	DPR6EA-9	0.8	0.032	DPR6EA900000
F20, F15C	DPR6EB-9	0.9	0.036	DPR6EB900000
F25 (98~05)	DPR6EA-9	1.0	0.04	DPR6EA900000
T25 (06~), F25 (06~), F30 (01~05)	DPR6EA-9	0.9	0.036	DPR6EA900000
F25A, T25A	DPR6EB-9	0.9	0.036	DPR6EB900000
F40	DPR6EA-9	0.9	0.036	DPR6EA900000
F40A	DPR6EB-9	0.9	0.036	DPR6EB900000
F50/T50 (95~04), F60/T60 (~04)	DPR6EA-9	0.9	0.036	DPR6EA900000
F50/T50 (05~), F60/T60 (05~)	DPR6EB-9	0.9	0.036	DPR6EB900000
F70A	LKR7E	0.09	0.035	LKR7E0000000
F75, F80, F90, F100	LFR5A-11	1.1	0.044	LFR5A1100000
F115, LF115	LFR6A-11	1.1	0.044	LFR6A1100000
F150, LF150	LFR5A-11	1.0	0.04	LFR5A1100000
F200, LF200, F225, LF225	LFR5A-11	1.0	0.04	LFR5A1100000
F225TLR (Sport)	LFR6A-11	1.1	0.044	LFR6A1100000
VF200, VF225, VF250	LFR6A-11	1.1	0.043	LFR6A1100000
F250, LF250, F250B, LF250B	LFR6A-11	1.1	0.044	LFR6A1100000
4.2L- F225, LF225, F250, LF250, F300, LF300	LFR6A-11	1.1	0.043	LFR6A1100000
V8- F300, LF300, F350, LF350	LFR6A-11	1.1	0.044	LFR6A1100000

NGK® Spark Plugs are used in all of the Yamaha Outboards you service through out the year. Since 1936 NGK® has lead the industry in technology, innovation and world class design of its entire product line. You can depend on NGK® for quality and reliability.



2-Stroke Spark Plugs

Two Stroke Model	NGK® Number	Gap (mm)	Gap (in)	Yamaha Part Number
2	B5HS	0.6	0.024	B5HS00000000
3	B6HS-10	0.9	0.036	B6HS10000000
4, 5	B7HS	0.6	0.024	B7HS10000000
6, 8	B7HS-10	0.9	0.036	B7HS10000000
9.9, 15, 20, 25	B7HS-10	1	0.04	B7HS00000000
C25 (90~97), 30 (84~86), C30 (89~92)	B7HS	0.6	0.024	B7HS00000000
30 (87~02)	B7HS-10	1	0.04	B7HS10000000
C30 (93~97)	B8HS-10	1	0.04	B8HS10000000
40 (84 ~ 05), C40 (97 ~ 02)	B7HS-10	1	0.04	B7HS10000000
C40 (89~97)	B8HS	0.6	0.024	B8HS00000000
E48 (95~00)	B7HS	1	0.04	B7HS00000000
50, P50, C55	B8HS-10	1	0.04	B8HS10000000
C50	B8HS	0.6	0.024	B8HS00000000
60, C60, E60, P60, 70, C70, C75, E75, P75	B8HS-10	1	0.04	B8HS10000000
C80, C85, 90, B90, C90	B8HS-10	1	0.04	B8HS10000000
115, B115, C115, P115, S115	BR8HS-10	1	0.04	BR8HS1000000
130, L130, S130	BR9HS-10	1	0.04	BR9HS1000000
150 (~87), 150 / SX150 /LX150 (96~), S150 (99~)	BR7HS-10	1	0.04	BR7HS1000000
C150 (96), DX (99~), P150(96~), PX150, V150 (00~)	BR7HS-10	1	0.04	BR7HS1000000
150 / L150 (88~95), C150 (97~)	BR8HS-10	1	0.04	BR8HS1000000
D150 (97~99), P150 (86~95)	BR8HS-10	1	0.04	BR8HS1000000
VZ150 (~01), Z150 / LZ150 (~01)	BKR6ES-11	Note 2	Note 2	BKR6ES110000
VZ150 (01~) , Z150 / LZ150 (01~)	BKR6E-KU	Note 2	Note 2	BKR6EKU10000
175, S175, V175, P175	BR8HS-10	1	0.04	BR8HS1000000
VZ175 (01~), Z175/LZ175 (01~), Z200/LZ200 (01~)	BKR7E-KU	Note 2	Note 2	BKR7EKU10000
VZ175 (01), Z175 / LZ175 (01), Z200 / LZ200 (~01)	BKR7ES-11	Note 2	Note 2	BKR7ES114000
200, S200, SX200, LX200, V200, VX200, P200 (96 ~)	BR8HS-10	1	0.04	BR8HS1000000
VZ200 (05~) VZ225, VZ250, VZ300	BKR6E-KU	Note 3	Note 3	BKR6EKU10000
225 2.6L (~95), L225/S225 3.L (97~), LX225/SX225	BR9HS-10	1	0.04	BR9HS1000000
225/L225 3.1L (~96), S225 3.1L (96), 225 2.6L (96~)	BR8HS-10	1	0.04	BR8HS1000000
V225, VX225, P200 (91~95)	BR9HS-10	1	0.04	BR9HS1000000
S250 / L250 (97~), SX250, LX250, VX250	BR9HS-10	1	0.04	BR9HS1000000
250/L250 (90~95) / S250 (96) B	BR8HS-10	1	0.04	BR8HS1000000
LZ250, Z250, Z300, LZ300	BKR6E-KU	Note 3	Note 3	BKR6EKU10000
V6 Excel	BR9HS-10	1	0.04	BR9HS1000000
V6 Spec	BR8HS-10	1	0.04	BR8HS1000000

Note 1: All NGK® spark plugs for Yamaha Outboards are sold in 10 packs. (Ordering 10 spark plugs will be equal to one box)
Note 2: Refer to Technical Bulletin 02000-015A to ensure the correct spark plug and gap are used.
Note 3: Refer to Technical Bulletin 02003-016 to ensure the correct spark plug and gap are used.

4-Stroke Oil Filters



3FV-13440-10-00

F25, F15 (1998-1999)
F40 (1999-2000)
T50 (1996-1999)
F50 (1995-1999)
F80, F100 (1999)



5GH-13440-20-00

F15C, F20
F25 (04/2009 ~)
F40A (2001~)
F50 / T50 (2005~)
F60 / T60 (2005~)
F70



5GH-13440-00-00

F15 (20000~2005)
F30, F40, F40B
F50 / T50 (1999-2004)
F60 / T60 (1999-2004)
F75, F90, F115
T25, F25 (2000-04/2006)
T9.9 / F9.9 (2005 - 04/06)
F80, F100 (2000~)



69J-13440-01-00

F150
VF150
F200 (Inline)
F200, F225 (V6)
F250, F250B



N26-13440-00-00

F225C, F250C, F300 (4.2L)
F300, F350 (V8)
VF200, VF225, VF250 (4.2L)



6G8-13440-00-00

F9.9 (1990 - 04/05)
T9.9 (1991 - 04/05)



Oil Drain Screw Gasket
Used on most Yamaha 4-Stroke Models.
90430-14M09-00



Oil Drain Screw
Used on most Yamaha 4-Stroke Models.
90340-14M06-00

Why Yamaha Oil Filters?



Customers come to your dealership for the service they trust. Why risk that on an aftermarket filtration element and cardboard filter ends? Yamaha oil filters are constructed with molded high quality media for long life and superior filtration.

2-Stroke Oil Strainers



6E5-13411-00-00

115, 130, 150, 175 , 200

B115, D150, DX150, PX150

ProV150, V6 EXCEL

P115, P150, P175, P200

S115, S130, S150, S175, S200

SX150, SX200

V150, VX150, V175

VZ150, VZ175, VZ200 (2.6L)

Z150, Z175, Z200



6J8-13411-00-00

20, 25, 30 (89~)

40, 50, 60, 70 (89~)

C30 (89~)

P40, P50, P60 (89~)

Pro50



61A-13411-00-00

V200, V225

VX200, VX225, VX250

VZ200, VZ225 (3.3L)

VZ250, VZ300 (3.3L)

S225, SX225, S250, SX250

250 (90~95)

Z250, Z300



6H1-13411-00-00

90 (89~)

C90, B90 (89~)



Electric Oil Pump Strainer
Used on all HPDI engines between the engine oil tank and the electric oil pump.

68F-13440-00-00



Remote Oil Tank Filter
Remote oil tank filters are regularly missed during yearly service. Replacing the filter during the service can help prevent issues later down the road.

646-24251-02-00

In Line Fuel Filters



646-24251-02-00

4 (97~99)

F4 (99~06/2008)

5 (97~01)

6 (86~00)

8

F9.9 (85~04/2005)

T9.9 (91~04/2005)



60V-24251-01-00

Z150, Z175

Z200, Z225

Z250, Z300

VZ150, VZ175, VZ200

VZ225, VZ250, VZ300



6C5-24251-00-00

F40 (EFI)

F50/F60 (05~)

T50/T60 (05~)

F70

F75/F90 (05~)



68T-24251-01-00

F4/F6 (09/2009~)

F6 (01~04/2006)

F8/T8 (01~)

F9.9/T9.9G (04/2007~)



65W-24251-10-00

F30 (05~)

F40 (05~)



67F-24251-02-00

F80

F100



67F-14371-01-00

F80 (Carb Inlet)

F100 (Carb Inlet)



6L5-24251-00-00

F2.5 (03~)

3 (92~02)

F4 (99~06/2008)



6AW-24502-10-00

F300 (V8)

F350 (V8)



68V-24502-30-00

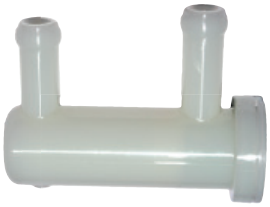
F115 (04/2010~)



68V-24502-02-00

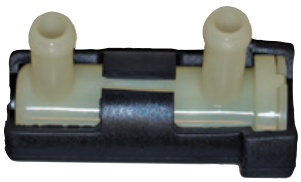
F115 (~03/2010)

Maintenance Items



69J-24501-00-00

F150 (~05)
F200 V6 (~05)
F225 (~05)



69J-24502-00-00

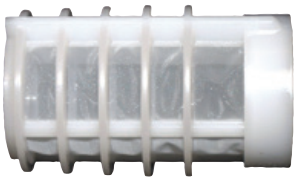
F70 (05~)
F90 (05~)
F150 (05~)
F200, F225 V6 (05~)



69J-24501-10-00

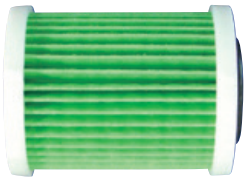
F150 (04/2005~)
F200, F225 V6 (04/2005~)
F250, F250B

Primary Fuel Filters



61N-24563-10-00

9.9, 15, 20, 25, C25 (94~)
F9.9/T9.9 (05~04/2006)
F15, F20, F25, T25 (05~)
30, 40, 50, 70, 90 (94~)
C30, C40, C50, C55, C70 (94~)
P40, P50, P60, P75 (94~)
F40 (99)
E48, E60, E75
F50/T50 (95~04)
F60/T60 (04~04/2005)
C75, C80, C85, C90 (94~)
F75 (03~04), F90 (03~04)
F80, F100, B90, B115
115/130/150/175 (94~)
C115 (94~96)
P115, P150, P175, P200 (94~)
S115, S130, S150, S175, S200
D150, V150, V175



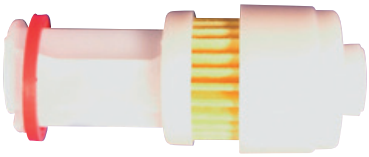
6P3-WS24A-01-00

VZ150, VZ175 (04/2006~)
Z200, Z300 (04/2006~)
VZ200, VZ225 (04/2006~)
VZ250, VZ300 (04/2006~)
F150, F200, F225 (04/2006~)
F250, F250B (04/2006~)
VF200, VF225, VF250 (4.2L)
F225C, F250C, F300C (4.2L)
F300, F350 (V8)



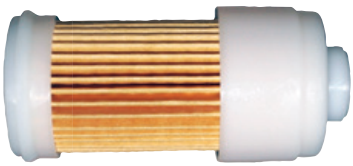
6F5-24563-00-00

9.9, 15 (~93)
25, 30, 40, 50, 70, 90 (~93)
C25, C30, C40, C55, C85 (~93)
CV25, CV30
CV40, CV50, CV85
P50/P60 (~93)
PRO50
115/130/150/175 (~93)
200/225 (~93)
C115 (~93)
P115, P150, P200 (~93)
ProV150
V6Special, V6Excel



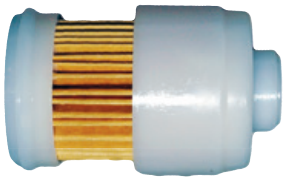
68V-24563-00-00

SX150, SX200, SX225, SX250
VX150, DX150, PX150
F150, F200, F225 (~04/2005)
V200/V225
VX200, VX225, VX250
S225/S250 (97~99)



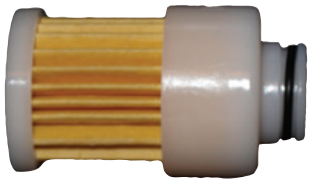
68F-24563-10-00

F50/T50 (05~04/2006)
F60/T60 (04/2005~)
F75/F90 (05~04/2006)
F115 (~04/2006)



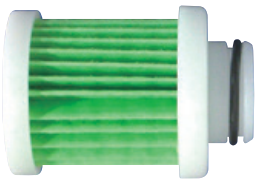
65L-24563-00-00

VZ150, VZ175 (05~04/2005)
VZ200 (05~04/2005)
Z150, Z175 (05~04/2005)
Z200, Z250 (05~04/2005)
VZ225, VZ250 (05~04/2005)
VZ300, Z300 (04~04/2005)



68F-24563-00-00

VZ150, VZ175, VZ200 (~04)
Z150, Z175, Z200, Z250 (~04)
VZ225, VZ250 (~04)



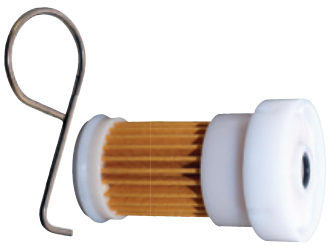
6D8-WS24A-00-00

F40A
F50/T50, F60/T60 (04/2006~)
F70
F75, F90, F115 (04/2006~)



61A-24563-00-00

S225, S250 (96)
C115, C150 (97~)



6P2-WS245-00-00

F250 (2005~04/05)

Remote Mounted Fuel Filters



10-Micron Fuel/Water Separating Filter

They are a primary line of defense against ethanol-related fuel system issues. Highly recommended for all two stroke and four stroke EFI outboards and two stroke HPDIs. Also excellent for carbureted engines. New, improved 10-micron filter provides superior filtration ahead of the engine's onboard filters and injectors. Large filtering and water capture areas maximize filtration while maintaining adequate flow rate for larger engines.

Assemblies

Assembly Stainless Steel Head ***MAR-SPRTR-HD-SS***
Assembly Stainless Steel Head 3/8" Fittings ***MAR-SPRHD-38-SS***
Assembly Aluminum Head ***MAR-SEPAR-AT-OR***

Elements

Spin-On Filter Only ***MAR-FUELF-IL-TR***
Bulk pack of 12 ***MAR-FUELF-LT-12***

Filter Heads

Aluminum Filter Head 12 Pack ***MAR-FLTHD-AL-12***
Stainless Steel Filter Head 12 Pack ***MAR-FLTHD-SS-12***
Stainless Steel Filter Head 3/8" Fittings 12 Pack ***MAR-FHDSS-38-12***

mini-10™

Assembly Aluminum Head ***MAR-MINIF-LT-AS***
Spin-On Filter only ***MAR-MINIF-IL-TR***



Yamaha Remote Filter

Assembly includes aluminum mounting head, spin-on element, metal bowl, and water sensor probe. Requires Yamaha Multifunction Fuel Management Gauge for water detection indication.

Assemblies

60 GPH with water sensor ***MAR-24560-00-00***
90 GPH with water sensor ***MAR-24590-00-00***
90 GPH clear bowl without water sensor ***MAR-SEPAR-AC-LR****

Elements

60 GPH ***MAR-24563-00-00***
90 GPH ***MAR-10171-20-00***

Filter Bowls

Clear Bowl without water probe ***MAR-REPLB-OW-L1****
Clear bowl with water probe ***MAR-REPLB-OW-L2****
Replacement Water Probe ***MAR-10171-30-00***

** For above deck use only*

Vapor Separator Tank (VST) Fuel Filters



66K-13915-00-00

SX150, SX200, SX225, SX250

DX150, PX150

VX150, VX200, VX225, VX250

S225, S250, V200, V225 (99~)



6CB-24501-00-00

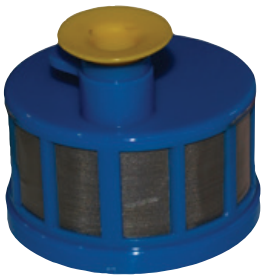
VF200, VF225, VF250 (4.2L)

F225, F250, F300 (4.2L)



6BG-13915-00-00

F40 EFI



65L-13915-00-00

S225, S250 (97~98)

V200, V225 (97~98)



68F-13915-00-00

Z150, Z175, Z200

VZ150, VZ175, VZ200

VZ225, VZ250, VZ300

Z250, Z300



68V-13915-00-00

F115

F200, F225 (V6)



6C5-13915-00-00

F50/T50, F60/T60

F70, F75, F90



6CB-13915-00-00

VF200, VF225, VF250 (4.2L)

F225, F250, F300 (4.2L)



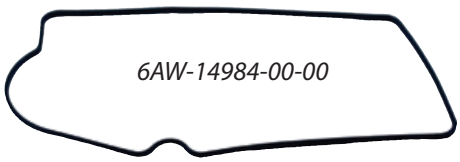
63P-13915-00-00

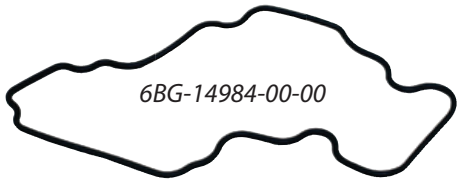
F150

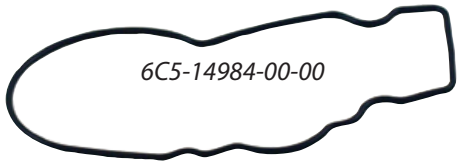
F225 Sport, F250, F250B

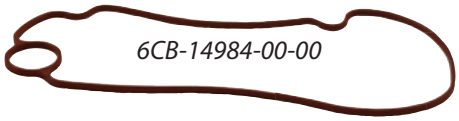
F300, F350 (V8)

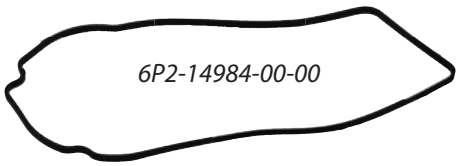
VST Gaskets

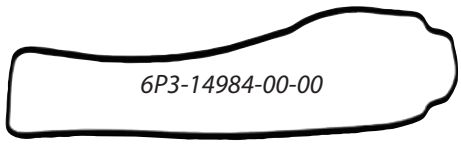


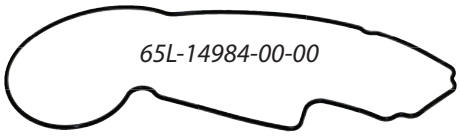


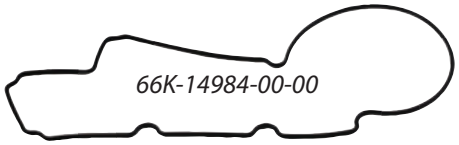


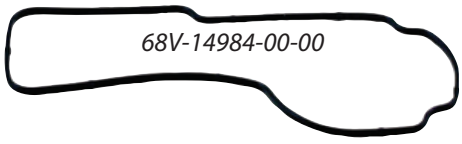






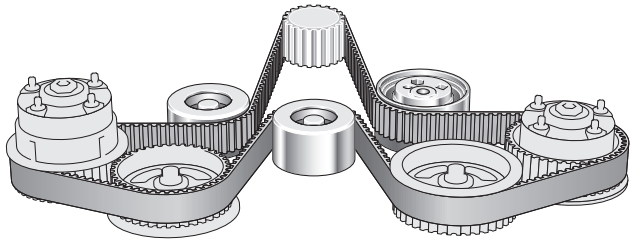






Application	Part Number
F40 EFI	***6BG-14984-00-00***
F50/T50, F60/T60	***6C5-14984-00-00***
F70	***6C5-14984-00-00***
F75, F90	***6C5-14984-00-00***
F115	***68V-14984-00-00***
F150	***63P-14984-00-00***
SX150, SX200, SX225, SX250	***66K-14984-00-00***
DX150, PX150	***66K-14984-00-00***
VX150, VX200, VX225, VX250	***66K-14984-00-00***
Z150, Z175, Z200, Z250, Z300	***66K-14984-00-00***
VZ150, VZ175, VZ200	***66K-14984-00-00***
V200, V225 (97~98)	***65L-14984-00-00***
V200, V25 (99~)	***66K-14984-00-00***
F200, F225 (V6)	***68V-14984-00-00***
VZ225, VZ250, VZ300	***66K-14984-00-00***
VF200, VF225, VF250 (4.2L)	***6CB-14984-00-00***
F225, F250, F300 (4.2L)	***6CB-14984-00-00***
S225, S250 (97~98)	***65L-14984-00-00***
S225, S250 (99~)	***66K-14984-00-00***
F225 Sport	***6P2-14984-00-00***
F250, F250B	***6P2-14984-00-00***
F300, F350 (V8)	***6AW-14984-00-00***

Engine Timing Belts



Application	Part Number
F6 (05~06/2008)	*60R-G6241-00-00*
F6, F8, T8 (01~04)	*68T-46241-00-00*
F8, T8 (05~)	*60R-G6241-00-00*
F9.9, FT9.9 (85~04/2005)	*6G8-46241-00-00*
T9.9 (91~04/2005)	*6G8-46241-00-00*
F9.9-2, T9.9-2 (05~04/2006)	*66M-46241-00-00*
F9.9F, T9.9F (04/2007~)	*68T-46241-00-00*
F15 (98~04/2005)	*66M-46241-00-00*
F15C, F20	*6AH-46241-00-00*
F25, T25 (98~04/2006)	*65W-46241-00-00*
F25, T25 (04/2009~)	*6C5-46241-00-00*
F30	*65W-46241-00-00*
F40 (99)	*62Y-46241-00-00*
F40 (00~04/2008)	*65W-46241-00-00*
F40LA	*6C5-46241-00-00*
F50,T60 (96~04)	*62Y-46241-00-00*
F60, T60 (02~04)	*62Y-46241-00-00*
F50, T50, F60, T60, F70 (05~)	*6C5-46241-00-00*
F75, F90	*67F-46241-00-00*
F80, F100	*67F-46241-00-00*
F115	*67F-46241-00-00*
F150	*63P-46241-00-00*
F200, F225	*69J-46241-00-00*
VF200, VF225, VF250 (4.2L)	*6CB-W4624-00-00*
F225, F250, F300 (4.2L)	*6CB-W4624-00-00*
F225 Sport, F250, F250B	*6P2-46241-00-00*
F300, F350 (V8)	*6AW-W4624-00-00*
2.6L HPDI (04~)	*68F-46241-10-00*
2.6L HPDI (~03)	*68F-46241-00-00*
3.3L HPDI	*60V-46241-00-00*

Trim Tabs

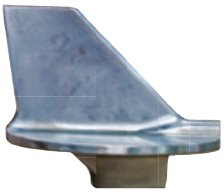
2-Stroke Application	Part Number
20, 25, C25, 30, 40, 50	664-45371-01-00
CV25, CV30, C40 (97~), C50	664-45371-01-00
C40 (~96), CV40, E48, C55, CV55	679-45371-00-00
P40, P50, PRO 50	664-45371-01-00
60, 70, 90, E60, P60, E75, P75, B90	688-45371-02-00
C60, C70, C75, C80, C85, CV85, C90	688-45371-02-00
60~130 High Performance Propeller	6E5-45371-01-00
C150 (96~99), 150, 175, S175, V175	6J9-45371-01-00
P150, PX150, ProV150, P175	6J9-45371-01-00
S150, SX150, V150, VX150	6J9-45371-01-00
Z150, Z175, Z200 (2.6L)	6J9-45371-01-00
200, P200, S200, SX200	6J9-45371-01-00
VZ200, VZ225, VZ250, VZ300 (3.3L)	69L-45371-00-00
225, S225, SX225, 250, S250, SX250	61A-45371-00-00
V200, VX200, V225, VX225	61A-45371-00-00
Z250, Z300	69L-45371-00-00
L130 (~01)	6L6-45371-00-00
L225, LX225, L250, LX250 (92~03)	61A-45371-00-00
L150, LX150, L200, LX200 (~01)	6K1-45371-02-00
LZ150, LZ200	6K1-45371-02-00

4-Stroke Application	Part Number
F9.9G, F15	66M-45371-00-00
F15C, F20	6AH-45371-00-4D
F25 (98~)	61N-45371-00-00
T25, F30, F40 (00~)	67C-45371-00-00
F40, F50 (95~00)	664-45371-01-00
F50, F60 (01~)	67C-45371-00-00
T50 (96~00)	688-45371-02-00
T50 (96~97)	664-45371-01-00
T50, T60 (01~)	67F-45371-00-00
F70, F75, F80, F90, F100	67F-45371-00-00
F115	6E5-45371-01-00
F150	6J9-45371-01-00
F200, F225, F225 Sport, F250, F250B	61A-45371-00-00
VF200, VF225, VF250	6AW-45619-00-00
F225, F250, F300 (4.2L)	61A-45371-00-00
F300, F350 (V8)	6AW-45619-00-00
LF115	6L6-45371-00-00
LF150	6K1-45371-00-00
Sterndrives	6T5-45371-00-00


6AH-45371-00-4D


66M-45371-00-00


61N-45371-00-00


6L6-45371-00-00


679-45371-00-00


67C-45371-00-00


688-45371-02-00


6K1-45371-02-00


6E5-45371-01-00


6AW-45619-00-00


69L-45371-00-00


6E5-45371-10-00

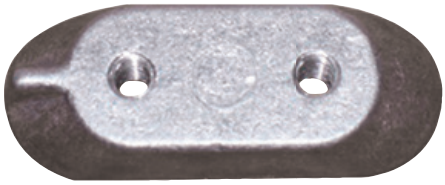

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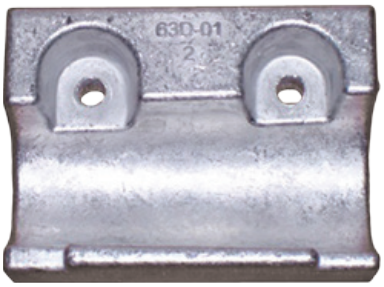

61A-45371-00-00


67F-45371-00-00


6J9-45371-02-00











Anodes

2-Stroke Application	Part Number
6 (90~93)	6N0-G5251-00-00
9.9, 15 (95~02)	61N-45251-01-00
C30 (93~97)	61N-45251-01-00
40, C40, 50	63D-45251-01-00
40, C40, 50 (01~)	65W-45251-00-00
C40 (91~97)	676-45251-00-00
CV40	676-45251-00-00
C55 (91~95)	663-45251-00-00
CV55 (88~89)	663-45251-00-00
50 (00)	663-45251-00-00
C55, C60, C70, C75, C80, C85, C90	6H1-45251-03-00
60, 70, 90 (00~)	6H1-45251-03-00
E60, E75	6H1-45251-03-00
2 Stroke V4 & V6 ALL	6G5-45251-02-00

4-Stroke Application	Part Number
F6 (04/05~06/08)	68T-45251-00-00
T8 (01~)	65W-45251-00-00
F9.9 (98~)	6E8-45251-02-00
T9.9G	65W-45251-00-00
F15 (01~)	65W-45251-00-00
F15C, F20	65W-45251-00-00
F25, T25 (99~)	65W-45251-00-00
F30, F40 (00~)	65W-45251-00-00
F50, T50, F60, T60 (01~)	65W-45251-00-00
F70	65W-45251-00-00
F75, F80, F90, F100	6H1-45251-03-00
F115, F150, F200, F225	6G5-45251-02-00
VF200, VF225, VF250	65W-45251-00-00
F225 Sport, F250, F250B	6G5-45251-02-00
F225, F250, F300 (4.2L)	6G5-45251-02-00
F300, F350 (V8)	6AW-45251-00-00

Thermostats

2-Stroke Application	Part Number
3, 4, 5, 6, 8	6E5-12411-02-00
9.9, 15 (~95)	6F5-12411-03-00
9.9, 15 (96~)	6E5-12411-30-00
20, 40, 50, C50, P50	6E5-12411-30-00
25 Three Cylinder	688-12411-11-00
25 Two Cylinder	6E5-12411-30-00
C25	6F5-12411-03-00
30 (~91)	6E5-12411-30-00
30 (92~)	688-12411-11-00
C30 (~92)	6F5-12411-03-00
C30 (93~)	6E5-12411-02-00
40, 50	6E5-12411-30-00
C40, C55 (~97)	6F5-12411-03-00
C40 (98~)	6E5-12411-30-00
60, C60, E60, P60, 70, C70	6H3-12411-11-00
C75, P75, E75, C80, C85, 90, C90	688-12411-11-00
115,130, 150, 175, 200, 225, 250	6E5-12411-30-00
B115, C115, C150, D150, DX150	6E5-12411-30-00
P115, P150, PX150, P200	6E5-12411-30-00
S115, S130, SX150, SX200	6E5-12411-30-00
S225, SX225, S250, SX250	6E5-12411-30-00
V150, VX150, V200, VX200	6E5-12411-30-00
VX225, VX250	6E5-12411-30-00
VZ150, VZ175, VZ200 (2.6L)	6E5-12411-30-00
Z150, Z175, Z200 (2.6L)	6E5-12411-30-00
VZ200, VZ225, VZ250, VZ300 (3.3L)	60V-12411-00-00
Z250, Z300 (3.3L)	60V-12411-00-00

4-Stroke Application	Part Number
F2.5, F4, F4A, F6, F6A, F8, T8	66M-12411-01-00
F9.9, T9.9, F15, F25, T25	66M-12411-01-00
F15C-F20	6AH-12411-00-00
F30, F40, F40A, F50, T50	66M-12411-01-00
F60, T60, F70	66M-12411-01-00
F75, F90	67F-12411-01-00
F80, F100 (~00)	66M-12411-01-00
F80, F100 (01~)	67F-12411-01-00
F115	60V-12411-00-00
F150, F200, F225. F250, F250B	67F-12411-01-00
VF200, VF225, VF250 (4.2L)	67F-12413-01-00
F225, F250, F300 (4.2L)	6CE-12411-00-00
F300, F350 (V8)	6AW-12411-00-00













Thermostat Gaskets









Application	Part Number
F2.5 (03~)	68D-E2414-A0-00
F4 (99~)	68D-E2414-A0-00
F4A, F6A	68D-E2414-A0-00
F6, F8, T8, F9.9, FT9.9, T9.9	6G8-12414-A0-00
9.9, 15	682-12414-A1-00
F9.9-2, T9.9-2	62Y-12414-00-00
F15, F25, T25, F30	62Y-12414-00-00
F15C, F20	6AH-12414-00-00
20	61A-12414-A0-00
25, 30, 40	61A-12414-A0-00
C25, CV25, C30, CV30	655-12414-A1-00
C40, CV40 (~97)	6E9-12414-A1-00
C40, C50 (98~)	61A-12414-A0-00
P40	61A-12414-A0-00
F40, F50, T50, F60, T60, F70	62Y-12414-00-00
C55, E48	663-12414-A0-00
C75, E75, P75, C80, C80	688-12414-A1-00
C85, CV85, C90	688-12414-A1-00
90, B90, B115	688-12414-A1-00
115, 130, 150, 175, 200	688-12414-A1-00
P115, P150, PX150, P175, P200	688-12414-A1-00
S115, S130, S150, S175, S200	688-12414-A1-00
D150, DX150	688-12414-A1-00
F150	63P-12414-00-00
SX150, SX200, V150, VX150, V175	688-12414-A1-00
ProV150	688-12414-A1-00
VZ150, VZ175, VZ200 (2.6L)	688-12414-A1-00
Z150, Z175, Z200 (2.6L)	688-12414-A1-00
V200, V225	61A-12414-A0-00
VX200, VX225, VX250	61A-12414-A0-00
VZ200, VZ225, VZ250, VZ300 (3.3L)	60V-12414-A0-00
Z250, Z300	60V-12414-A0-00
225 (2.6L)	688-12414-A1-00
225, 250, S225, S250, SX225, SX250	61A-12414-A0-00

4-Stroke Carburetor Repair Kits

F2.5 - ***69M-W0093-00-00***

Kit Includes:

Qty	Description	Part #
1	Gasket, Float Chamber	69M-14984-00-00
1	Float	69M-14385-00-00
1	Pin, Float	6A1-14386-00-00
1	Screw, Pan Head	98580-03006-00
1	Valve, Needle	6L2-14392-00-00
1	Screw	69M-14991-00-00
2	Screw, Pan Head	98580-04010-00
1	O-Ring	2T4-14397-00-00
1	Gasket	69M-14536-00-00
1	Valve	69M-24523-00-00
1	O-Ring	69M-24533-00-00
1	Screw, Lever Fitting	69M-24535-00-00

F4 (03~06/2008) - ***67D-W0093-01-00***

Kit Includes:

Qty	Description	Part #
1	Float	68T-14385-00-00
1	Pin, Float	67D-14386-00-00
1	Valve, Needle	67D-14546-00-00
1	Gasket, Float Chamber	67D-14984-00-00
1	Gasket	6J8-14995-00-00
2	Screw, With Washer	97980-04112-00
1	Gasket	67D-14536-00-00

F4 (~-02) - ***67D-W0093-00-00***

Kit Includes:

Qty	Description	Part #
1	Float	67D-14385-00-00
1	Pin, Float	67D-14386-00-00
1	Valve, Needle	67D-14546-00-00
1	Gasket, Float	67D-14984-00-00
1	Gasket	6J8-14995-00-00
2	Screw, With Washer	97980-04112-00
1	Gasket	67D-14536-00-00

F4, F6 (09/2009~) - ***6BX-W0093-00-00***

Kit Includes:

Qty	Description	Part #
1	Float	6BX-14985-00-00
1	Gasket, Float Chamber	6BX-14984-00-00
2	Screw	6BX-14592-00-00
2	O-Ring	4JH-14562-00-00
1	Valve, Needle	6BX-14546-00-00
1	Pin, Float Arm	6BX-14548-00-00
1	Clip	6BX-14937-00-00

F6 (04/2007~06/2008)
F8, T8, F9.9, T9.9 (04/2007~) - ***6AU-W0093-00-00***

Kit Includes:

Qty	Description	Part #
2	Screw, With Washer	97980-04112-00
1	Float	6AU-14385-00-00
1	Pin, Float	67D-14386-00-00
1	Valve, Needle	68T-14546-00-00
1	Gasket, Float Chamber	6AU-14984-00-00
1	Gasket	6J8-14995-00-00
1	Gasket	67D-14536-00-00

F6, F8, T8 (~04/2006) - ***68T-W0093-00-00***

Kit Includes:

Qty	Description	Part #
1	Float	68T-14385-00-00
1	Pin, Float	67D-14386-00-00
1	Valve, Needle	68T-14546-00-00
1	Gasket, Float Chamber	67D-14984-00-00
1	Gasket	6J8-14995-00-00
2	Screw, With Washer	97980-04112-00
1	Gasket	67D-14536-00-00

FT9.9 - *6G8-W0093-02-00*

Kit Includes:

Qty	Description	Part #
1	Gasket	6G8-14198-A0-00
1	Gasket, Float Chamber	6G8-14384-00-00
1	Pin, Float	647-14386-10-00
1	Gasket	654-14198-00-00
1	Screw, Air Adjusting	6G8-14323-00-00
1	Valve, Needle	6G8-14392-00-00
1	Float	6G8-14385-00-00
1	Screw, Panhead	98580-04016-00
1	Washer, Spring	92990-04100-00
1	Diaphragm Assy 2	33A-14369-00-00
2	O-Ring	1J2-14397-00-00
1	O-Ring	5H0-14397-00-00
1	O-Ring	5Y1-14397-00-00

F9.9-2, T9.9-2, F15 (~04/2005) - *66M-W0093-01-00*

Kit Includes:

Qty	Description	Part #
1	Gasket	66M-14398-00-00
1	Gasket	6L2-14398-00-00
1	Stopper	66M-14377-00-00
1	Gasket, Float Chamber	66M-14384-00-00
1	Float	6L2-14385-00-00
1	Pin, Float	6E5-14386-01-00
1	Valve, Needle	6L2-14392-00-00
1	Gasket	62Y-14399-00-00
1	Screw, Air Adjusting	12V-14105-00-00
4	Screw, With Washer	97980-04112-00
1	O-Ring	5H0-14397-00-00
1	O-Ring	6F5-14397-00-00
1	Filter	66M-14827-00-00

F9.9, T9.9 (~04/2005) - *6G8-W0093-03-00*

Kit Includes:

Qty	Description	Part #
1	Gasket	6G8-14198-A0-00
1	Gasket, Float Chamber	6G8-14384-01-00
1	Pin, Float	647-14386-10-00
1	Gasket	654-14198-00-00
1	Screw, Air Adjusting	6G8-14323-00-00
1	Valve, Needle	6G8-14392-00-00
1	Float	6G8-14385-00-00
1	Screw, Panhead (+)	98580-04016-00
1	Washer, Spring	92990-04100-00
1	O-Ring	5Y1-14397-00-00

F15C, F20 (04/2006~04/2009) - *6AH-W0093-00-00*

Kit Includes:

Qty	Description	Part #
1	Gasket	65W-14126-10-00
1	Valve, Needle	6G1-14546-01-00
1	Pin, Float	676-14186-00-00
1	Pin, Float Arm	6H4-14548-00-00
1	Cover, Plunger Cap	65W-14373-01-00
1	O-Ring	67F-14398-10-00
1	Gasket, Float Chamber	6AH-14384-00-00
1	Gasket	65W-14398-00-00
4	Screw, With Washer	97980-04114-00
1	Float	6AH-14985-00-00
1	Clip	633-14159-00-00

F15C, F20 (04/2010~) - *6AH-W0093-01-00*

Kit Includes:

Qty	Description	Part #
1	Gasket	65W-14126-10-00
1	Valve, Needle	6AH-14546-00-00
1	Pin, Float Arm	6H4-14548-00-00
1	Cover, Plunger Cap	65W-14373-02-00
1	O-Ring	67F-14398-10-00
1	Gasket, Float Chamber	6AH-14384-00-00
1	Gasket	65W-14398-00-00
4	Screw, With Washer	97980-04114-00
1	Float	6AH-14985-00-00

Maintenance Items

F25, T25 (~03) - *65W-W0093-00-00*

Kit Includes:

Qty	Description	Part #
1	Gasket	65W-14126-00-00
1	Valve, Needle	6G1-14546-01-00
1	Pin, Float	676-14186-00-00
1	Pin, Float Arm	6H4-14548-00-00
1	Cover, Plunger Cap	65W-14373-01-00
1	O-Ring	65W-14147-00-00
1	Spring, Plunger	65W-14335-00-00
1	Gasket, Float Chamber	65W-14384-00-00
1	Gasket	65W-14398-00-00
4	Screw, With Washer	97980-04114-00
1	Float	63V-14985-00-00
1	Clip	633-14159-00-00

F25, T25 (04~04/2006), F30, F40, F40B (00~) - *65W-W0093-02-00*

Kit Includes:

Qty	Description	Part #
1	Gasket	65W-14126-10-00
1	Valve, Needle	6AH-14546-00-00
1	Pin, Float Arm	6H4-14548-00-00
1	Cover, Plunger Cap	65W-14373-02-00
1	O-Ring	67C-14397-00-00
1	Spring, Plunger	65W-14335-00-00
1	Gasket, Float Chamber	65W-14384-00-00
1	Gasket	65W-14398-00-00
4	Screw, With Washer	97980-04114-00
1	Float	63V-14985-00-00
1	Clip	633-14159-00-00

F25, T25 (04/2009~) - *6BL-W0093-00-00*

Kit Includes:

Qty	Description	Part #
1	Gasket	65W-14126-10-00
1	Valve, Needle	6AH-14546-00-00
1	Pin, Float Arm	6H4-14548-00-00
1	Cover, Plunger Cap	65W-14373-02-00
1	O-Ring	67F-14398-10-00
1	Spring, Plunger	65W-14335-00-00
1	Gasket, Float Chamber	65W-14384-00-00
1	Gasket	65W-14398-00-00
4	Screw, With Washer	97980-04114-00
1	Float	63V-14985-00-00
1	Clip	633-14159-00-00

F40 (99), F50 (~00) - *62Y-W0093-00-00*

Kit Includes:

Qty	Description	Part #
1	Gasket, Float Chamber	6L2-14384-00-00
1	Float	6L2-14385-00-00
1	Pin, Float	6E5-14386-01-00
1	Valve, Needle	6L2-14392-00-00
1	Gasket	62Y-14399-00-00
1	Plug	62Y-14355-00-00
1	Screw, Air Adjusting	12V-14105-00-00
4	Screw, With Washer	97980-04112-00
1	O-Ring	5H0-14397-00-00
1	Gasket	62Y-14398-00-00
1	O-Ring	6F5-14397-00-00
4	O-Ring	93210-30MH4-00
4	O-Ring	93210-35M86-00

F50 (01~) - *62Y-W0093-11-00*

Kit Includes:

Qty	Description	Part #
1	Gasket, Float Chamber	62Y-14384-30-00
1	Float	6L2-14385-00-00
1	Pin, Float	6E5-14386-01-00
1	Valve, Needle	6L2-14392-00-00
8	Screw, Throttle	62Y-14321-00-00
1	Gasket	62Y-14399-30-00
1	Plug	62Y-14355-30-00
1	Screw, Air Adjusting	62Y-14323-30-00
1	O-Ring	2T4-14397-00-00
1	O-Ring	652-14397-00-00
1	Gasket	62Y-14398-30-00
4	O-Ring	93210-30MH4-00
4	O-Ring	93210-35M86-00
1	Washer	62Y-14227-00-00

F60 - *69W-W0093-10-00*

Kit Includes:

Qty	Description	Part #
1	Gasket, Float Chamber	69W-14384-00-00
1	Float	6L2-14385-00-00
1	Pin, Float	6E5-14386-01-00
1	Valve, Needle	6L2-14392-00-00
8	Screw, Throttle	6L2-14321-00-00
1	Gasket	69W-14399-00-00
1	Screw, Air Adjusting	69W-14323-00-00
1	O-Ring	2T4-14397-00-00
1	O-Ring	652-14397-00-00
1	Gasket	62Y-14398-30-00
4	O-Ring	69W-14561-00-00
4	O-Ring	93210-35M86-00
4	O-Ring	93210-38MH3-00
4	Washer	62Y-14227-00-00

F75, F90, F80/F100 (03~) - *67F-W0093-02-00*

Kit Includes:

Qty	Description	Part #
1	O-Ring	67F-14147-00-00
4	Screw, With Washer	97980-04114-00
1	O-Ring	67F-14397-00-00
1	Gasket, Float Chamber	67F-14984-00-00
1	O-Ring	93210-04230-00
1	Float	6H4-14985-01-00
1	Pin, Float	676-14186-00-00
1	Clip	67F-14159-00-00
1	Pin, Float Arm	6H4-14548-00-00
1	Needle Valve Assy	60C-14590-02-00
1	O-Ring	93210-04228-00
1	O-Ring	67F-14398-00-00
1	O-Ring	67F-14398-10-00
1	O-Ring	67F-14398-20-00
1	Seal	67F-14239-00-00
1	Element, Filter	67F-14371-01-00
2	O-Ring	93210-40M10-00
1	O-Ring	67F-14398-30-00

F80, F100 (~02) - *67F-W0093-00-00*

Kit Includes:

Qty	Description	Part #
1	O-Ring	67F-14147-00-00
4	Screw, With Washer	97980-04114-00
1	O-Ring	67F-14397-00-00
1	Gasket, Float Chamber	67F-14984-00-00
1	O-Ring	93210-04230-00
1	Float	6H4-14985-01-00
1	Pin, Float	676-14186-00-00
1	Clip	633-14159-00-00
1	Pin, Float Arm	6H4-14548-00-00
1	Needle Valve Assy	6H3-14590-01-00
1	O-Ring	93210-04228-00
1	O-Ring	67F-14398-00-00
2	O-Ring	67F-14398-10-00
1	O-Ring	67F-14398-20-00
1	Seal	67F-14239-00-00
1	Element, Filter	67F-14371-01-00
2	O-Ring	93210-40M10-00
1	O-Ring	67F-14398-30-00

2-Stroke Carburetor Repair Kits

2 (90~93) - *6A1-W0093-02-00*

Kit Includes:

Qty	Description	Part #
1	Gasket, Float Chamber	6A1-14384-00-00
1	Float	6A1-14385-00-00
1	Pin, Float	6A1-14386-00-00
2	Screw, Panhead	98580-04010-00
1	Valve, Needle	6A1-14392-00-00
1	Screw, Pilot Adjusting	646-14211-02-00
1	Needle	6A1-14116-10-00
1	Clip	646-14137-00-00
1	Cap	646-14169-00-00
1	O-Ring	646-14229-01-00
1	Gasket	6A1-14398-00-00

2 (94~) - *6A1-W0093-03-00*

Kit Includes:

Qty	Description	Part #
1	Gasket, Float Chamber	6A1-14384-00-00
1	Float	6A1-14385-00-00
1	Pin, Float	6A1-14386-00-00
2	Screw, With Washer	97980-04110-00
1	Valve, Needle	6A1-14392-00-00
1	Screw, Pilot Adjusting	646-14211-02-00
1	Needle	6A1-14116-10-00
1	Clip	646-14137-00-00
1	Cap	646-14169-00-00
1	O-Ring	646-14229-01-00
1	Gasket	646-14198-01-00

3, 6, 8 (90~96) - *6G1-W0093-00-00*

Kit Includes:

Qty	Description	Part #
1	Screw, Pilot	679-14923-00-00
1	Cap	6G1-14966-00-00
1	Gasket	6G1-14126-00-00
1	Cap	679-14966-00-00
1	O-Ring	6G1-14984-00-00
4	Screw, With Washer	97980-04114-00
1	Float	6G1-14985-00-00
1	Valve, Needle	6G1-14546-01-00
1	Pin, Float	676-14186-00-00
1	Pin, Float Arm	688-14548-00-00

4 (90~94) - *6E0-W0093-02-00*

Kit Includes:

Qty	Description	Part #
1	Gasket	6E0-14198-A0-00
1	Gasket, Float Chamber	6E0-14384-00-00
1	Screw, Panhead	98580-04016-00
1	Gasket	6A1-14398-00-00
1	Float	6E7-14385-00-00
1	Pin, Float	647-14386-10-00
1	Valve, Needle	6G8-14392-10-00
1	Gasket	6E0-14227-00-00
1	Screw, Air Adjusting	647-14323-00-00
1	Diaphragm	6E0-24471-00-00
1	Diaphragm	6E0-24411-00-00

4, 5 (95~96) - *6E0-W0093-03-00*

Kit Includes:

Qty	Description	Part #
1	Gasket	6E0-14198-A0-00
1	Gasket, Float Chamber	6E0-14384-00-00
1	Screw, Panhead	98580-04016-00
1	Gasket	6A1-14398-00-00
1	Float	6E7-14385-01-00
1	Pin, Float	647-14386-00-00
1	Valve, Needle	6F5-14392-00-00
1	Gasket	6E0-14227-00-00
1	Screw, Air Adjusting	647-14323-00-00
1	Diaphragm	6E0-24471-00-00
1	Diaphragm	6E0-24411-00-00

4 (97~) - *6E0-W0093-04-00*

Kit Includes:

Qty	Description	Part #
1	Gasket	6E0-14198-A0-00
1	Gasket, Float Chamber	6E0-14384-00-00
4	Screw, With Washer	98580-04016-00
1	Gasket	646-14198-01-00
1	Float	6E7-14385-01-00
1	Pin, Float	647-14386-10-00
1	Valve, Needle	6F5-14392-00-00
1	Gasket	6E0-14227-00-00
1	Screw, Air Adjusting	647-14323-00-00
1	Diaphragm	6E0-24471-00-00
1	Diaphragm	6E0-24411-00-00

6, 8 (97~) - *6N0-W0093-00-00*

Kit Includes:

Qty	Description	Part #
1	Scew, Pilot	679-14923-00-00
1	Cap	6G1-14966-00-00
1	Gasket	6G1-14126-00-00
1	Cap	676-14196-60-00
1	O-Ring	6G1-14984-00-00
4	Screw, With Washer	97980-04114-00
1	Float	6G1-14985-00-00
1	Valve, Needle	6G1-14546-01-00
1	Pin, Float	676-14186-00-00
1	Pin, Float Arm	688-14548-00-00

15 (93~95) - *6E8-W0093-00-00*

Kit Includes:

Qty	Description	Part #
1	Needle Valve Assy	61J-14390-00-00
1	Gasket	367-14195-00-00
1	Float	6E7-14385-00-00
1	Pin, Float	647-14386-10-00
1	Gasket, Float Chamber	677-14384-01-00
1	Gasket	1J2-14398-00-00
1	Gasket	655-14398-00-00
1	Screw, Air Adjusting	647-14323-00-00
1	Gasket	6E7-14227-00-00

20, 25 Two Cyl - *6L2-W0093-00-00*

Kit Includes:

Qty	Description	Part #
2	Gasket	6L2-14198-00-00
2	Gasket, Float Chamber	6L2-14384-00-00
2	Float	6L2-14385-00-00
2	Pin, Float	6E5-14386-01-00
2	Valve, Needle	6L2-14392-00-00
2	Gasket	6L2-14399-00-00
2	Screw, With Washer	97980-04112-00
2	Gasket	6L2-14398-00-00

9.9 (90~95), 15 (90~92) - *6E7-W0093-04-00*

Kit Includes:

Qty	Description	Part #
1	Gasket	677-14198-A1-00
1	Needle Valve Assy	6E8-14390-12-00
1	Gasket	367-14195-00-00
1	Float	6E7-14385-00-00
1	Pin, Float	647-14386-10-00
1	Gasket, Float Chamber	677-14384-01-00
1	Gasket	1J2-14398-00-00
1	Gasket	655-14398-00-00
1	Screw, Air Adjusting	647-14323-00-00
1	Gasket	6E7-14227-00-00

9.9, 15 (96~) - *63V-W0093-00-00*

Kit Includes:

Qty	Description	Part #
1	Screw, Pilot	679-14923-00-00
1	Gasket	63V-14126-00-00
1	Gasket, Float Chamber	63V-14984-00-00
4	Screw, With Washer	97980-04114-00
1	Gasket	65W-14398-00-00
1	Float	63V-14985-00-00
1	Valve, Needle	6G1-14546-01-00
1	Pin, Float	676-14186-00-00
1	Clip	633-14159-00-00
1	Pin, Float Arm	6H4-14548-00-00

25 (84~87), C25 (91~97), CV25 (90), 30 (84~86), C30 (91~92), CV30 (89~90) - *689-W0093-02-00*

Kit Includes:

Qty	Description	Part #
1	Gasket	648-14198-A0-00
1	Gasket, Float Chamber	648-14384-01-00
1	Float	648-14385-00-00
4	Screw, With Washer	97980-04112-00
1	Needle Valve Assy	61K-14390-00-00
1	Screw, Air Adjusting	647-14323-00-00
2	Bush	90386-05002-00
1	O-Ring	646-14397-00-00

Maintenance Items

25 Three cyl (97~02), 30, C30 Three cyl (95) - *6J8-W0093-00-00*

Kit Includes:

Qty	Description	Part #
3	Gasket	6J8-14198-00-00
3	Gasket, Float Chamber	6J8-14984-00-00
3	Gasket	6J8-14995-00-00
3	Float	6J8-14985-00-00
3	Valve, Needle	6E5-14546-00-00
3	Clip	6J8-14159-00-00
3	Pin, Float Arm	6J8-14548-00-00
3	Plug	6J8-14966-00-00
3	Plug	6J8-14126-00-00
3	Plug	6J8-14118-00-00
3	Screw, With Washer	97980-04112-00

C30 two cyl (94~96) - *61N-W0093-00-00*

Kit Includes:

Qty	Description	Part #
1	Valve, Needle	6L2-14392-00-00
1	Pin, Float	6E5-14386-01-00
1	Float	6L2-14385-00-00
1	Gasket	6L2-14399-00-00
1	Plug	50M-14355-00-00
1	Gasket	6L2-14398-00-00
1	Gasket, Float Chamber	6L2-14384-00-00
1	Gasket	61N-14198-00-00
1	O-Ring	93210-40659-00

CV40, CV40 Two Cyl (91~93) - *6E9-W0093-02-00*

Kit Includes:

Qty	Description	Part #
1	Gasket	6E9-14198-A0-00
2	Screw, With Washer	97980-04114-00
2	Needle Valve Assy	6H3-14590-01-00
2	Gasket, Float Chamber	676-14984-00-00
2	Pin, Float Arm	688-14548-00-00
2	Pin, Float	676-14186-00-00
2	Clip	663-14159-00-00
2	Float	676-14985-01-00
2	Screw, Pilot	692-14923-00-00
2	O-Ring	93210-04228-00
2	O-Ring	93210-04230-00
4	Gasket	688-14126-00-00

C40 two Cyl (94~97) - *6E9-W0093-03-00*

Kit Includes:

Qty	Description	Part #
1	Gasket	6E9-14189-A0-00
2	Screw, With Washer	97980-04114-00
2	Needle Valve Assy	6E9-14590-01-00
2	Gasket, Float Chamber	676-14984-00-00
2	Pin, Float Arm	688-14548-00-00
2	Pin, Float	676-14186-00-00
2	Clip	633-14159-00-00
2	Float	676-14985-01-00
2	Screw, Pilot	692-14923-00-00
2	O-Ring	93210-04228-00
2	O-Ring	93210-04230-00
4	Gasket	688-14126-00-00

40, 50, PRO50 (~88) - *6H4-W0093-01-00*

Kit Includes:

Qty	Description	Part #
1	Gasket	6H4-14198-09-00
3	Cap	679-14966-00-00
3	Needle Valve Assy	6H3-14590-01-00
3	Clip	633-14159-00-00
3	Pin, Float	676-14186-00-00
3	Float	6G1-14985-00-00
3	Pin, Float Arm	688-14548-00-00
3	O-Ring	6G1-14984-00-00
3	Screw, With Washer	97980-04114-00
3	O-Ring	93210-04230-00
3	Gasket	663-14126-00-00
3	Gasket	688-14126-00-00
3	Screw, Pilot	692-14923-00-00
3	O-Ring	93210-15M52-00

40, 50, C50, Pro50 (89~), P40, P50, PR50, C40 Three Cyl - *6H4-W0093-03-00*

Kit Includes:

Qty	Description	Part #
3	Gasket	6H4-14198-01-00
3	Cap	676-14966-00-00
3	Needle Valve Assy	6H4-14590-01-00
3	Clip	663-14159-00-00
3	Pin, Float	676-14186-00-00
3	Float	6H4-14985-01-00
3	Pin, Float Arm	6H4-14548-00-00
3	Gasket, Float Chamber	6H4-14984-00-00
3	Screw, With Washer	97980-04114-00
3	O-Ring	93210-04230-00
3	O-Ring	6H4-14147-00-00
3	Screw, Pilot	692-14923-00-00

E48, C55, CV55 - *696-W0093-02-00*

Kit Includes:

Qty	Description	Part #
1	Gasket	663-14483-A0-00
2	Gasket	663-14198-A0-00
2	Washer	679-14557-00-00
2	Screw, Pilot	663-14923-00-00
2	Needle Valve Assy	696-14590-01-00
2	O-Ring	93210-07229-00
2	Pin, Float	676-14186-00-00
2	Float	6F0-14985-00-00
2	Pin, Float Arm	663-14548-00-00
2	O-Ring	93210-64272-00
8	Screw, With Washer	97980-04112-00
2	O-Ring	93210-04230-00

60 (01~04/2005), P60 (92~99), 70 (92~04/2009), C70 (00~01) - *6H2-W0093-10-00*

Kit Includes:

Qty	Description	Part #
1	O-Ring	6H4-14147-00-00
1	O-Ring	93210-04228-00
1	Needle Valve Assy	6H3-14590-01-00
1	Pin, Float Arm	6H4-14548-00-00
1	Clip	633-14159-00-00
1	Pin, Float	676-14186-00-00
1	Cap	679-14966-00-00
1	Gasket, Float Chamber	6H4-14984-00-00
1	O-Ring	93210-04230-00
1	O-Ring	93210-39ME4-00

P60 (91), C60, E60, 70 (90~91) - *6H3-W0093-02-00*

Kit Includes:

Qty	Description	Part #
1	Gasket	6H3-14198-A1-00
3	Cap	676-14966-00-00
3	Needle Valve Assy	6H3-14590-01-00
3	Clip	663-14159-00-00
3	Pin, Float	676-14186-00-00
3	Float	6G1-14985-00-00
3	Pin, Float Arm	688-14548-00-00
3	O-Ring	6G1-14984-00-00
3	Screw, With Washer	97980-04114-00
3	O-Ring	93210-04230-00
3	Gasket	663-14126-00-00
3	Gasket	688-14126-00-00
3	Screw, Pilot	692-14923-00-00
3	O-Ring	93210-15M52-00

P75, 90, C90 (92~) - *6H1-W0093-10-00*

Kit Includes:

Qty	Description	Part #
1	O-Ring	6H4-14147-00-00
1	O-Ring	93210-04228-00
1	Needle Valve Assy	692-14590-01-00
1	Pin, Float Arm	6H4-14548-00-00
1	Clip	633-14159-00-00
1	Pin, Float	676-14186-00-00
1	Cap	679-14966-00-00
1	Gasket, Float Chamber	6H4-14984-00-00
1	O-Ring	93210-04230-00
1	O-Ring	93210-39ME4-00

C75, C80 (98~99) - *6H0-W0093-00-00*

Kit Includes:

Qty	Description	Part #
1	O-Ring	93210-04228-00
1	Needle Valve Assy	692-14590-01-00
1	Clip	633-14159-00-00
1	Pin, Float	676-14186-00-00
1	Pin, Float Arm	688-14548-00-00
1	Gasket, Float Chamber	676-14984-00-00
1	Cap	679-14966-00-00
1	O-Ring	93210-04230-00

C75, C85, CV85, E75 (94~96), 90 (90~91), B90 - *6H1-W0093-01-00*

Kit Includes:

Qty	Description	Part #
3	Gasket	688-14198-A2-00
3	O-Ring	93210-04228-00
3	Needle Valve Assy	692-14590-01-00
3	Pin, Float	676-14186-00-00
3	Float	676-14985-01-00
3	Pin, Float Arm	688-14548-00-00
3	Gasket, Float Chamber	676-14984-00-00
3	Screw, With Washer	97980-04114-00
3	O-Ring	93210-04230-00
3	Gasket	663-14126-00-00
3	Screw, Pilot	692-14923-00-00

P75, 90, C90 (92~) - *6H1-W0093-10-00*

Kit Includes:

Qty	Description	Part #
1	O-Ring	6H4-14147-00-00
1	O-Ring	93210-04228-00
1	Needle Valve Assy	692-14590-01-00
1	Pin, Float Arm	6H4-14548-00-00
1	Clip	663-14159-00-00
1	Pin, Float	676-14186-00-00
1	Cap	676-14966-00-00
1	Gasket, Float Chamber	6H4-14984-00-00
1	O-Ring	93210-04230-00
1	O-Ring	93210-39ME4-00

115, B115, C115, 130 (96~), S115, S130 - *6E5-W0093-09-00*

Kit Includes:

Qty	Description	Part #
2	Clip	6E5-14159-00-00
1	Gasket	6E5-14198-A2-00
2	Valve, Needle	6E5-14546-00-00
2	Pin, Float	6E5-14386-02-00
2	Valve, Drain	64D-14394-00-00
1	Gasket, Float Chamber	64D-14384-01-00
2	Gasket	6E5-14398-00-00
2	Plug	6E5-14328-01-00
2	Gasket	6E5-14979-00-00
1	Gasket	6J8-14995-00-00
2	Gasket	61U-14959-00-00

115, 130 (90~91) - *6N6-W0093-02-00*

Kit Includes:

Qty	Description	Part #
1	Gasket	6K7-14483-00-00
2	Gasket	6E5-14198-A2-00
4	Valve, Needle	6E5-14546-00-00
4	Pin, Float	6E5-14386-02-00
4	Float	6E5-14385-02-00
2	Gasket, Float Chamber	6E5-14384-03-00
4	O-Ring	6E5-14997-00-00
4	Gasket	6E5-14398-01-00
2	Screw, Panhead	90157-05M19-00
2	Washer, Spring	92990-05100-00
4	Screw, Air Adjusting	6E5-14323-03-00
4	Gasket	6E5-14979-00-00
4	Gasket	6J8-14995-00-00
2	Gasket	6E5-14959-01-00

115, C115, 130, 150, 175, 200, 225 2.6L (92~95), P115 (93~96), P150, P175, P200 (92~95) - *6E5-W0093-06-00*

Kit Includes:

Qty	Description	Part #
1	Gasket	6E5-14198-A2-00
2	Valve, Needle	6E5-14546-00-00
2	Pin, Float	6E5-14386-02-00
1	Gasket, Float Chamber	6E5-14384-03-00
2	Gasket	6E5-14398-01-00
2	Gasket	6E5-14979-00-00
2	Gasket	6J8-14995-00-00
1	Gasket	6E5-14959-00-00
2	Clip	6E5-14159-00-00
2	Plug Slow Jet	6E5-14394-00-00
2	O-Ring	6E5-14997-00-00
2	Plug	6E5-14328-01-00

150, 175, 200, 225 (90~91), P150, P175 (90~91), P200 (90~91), ProV150 - ***6K7-W0093-08-00***

Kit Includes:

Qty	Description	Part #
1	Gasket	6K7-14483-00-00
1	Gasket	6E5-14198-A2-00
6	Valve, Needle	6E5-14546-00-00
6	Pin, Float	6E5-14386-02-00
6	Float	6E5-14385-02-00
3	Gasket, Float Chamber	6E5-14384-03-00
6	O-Ring	6E5-14997-00-00
6	Gasket	6E5-14398-01-00
3	Screw, With Washer	97885-05116-00
3	Screw, Panhead	92990-05016-00
3	Washer, Spring	92903-05100-00
6	Screw, Air Adjusting	6E5-14323-03-00
6	Gasket	6E5-14979-00-00
6	Gasket	6J8-14995-00-00
3	Gasket	6E5-14959-01-00

150, V150 (02~) - ***64D-W0093-01-00***

Kit Includes:

Qty	Description	Part #
1	Gasket, Float Chamber	64D-14384-01-00
2	Valve, Needle	6E5-14546-00-00
2	Clip	6E5-14159-00-00
2	Pin, Float	6E5-14386-02-00
2	Gasket	61U-14959-00-00
2	Valve, Drain	64D-14394-00-00
2	Gasket	6E5-14398-01-00
2	Plug	6E5-14328-01-00
2	Gasket	6E5-14979-00-00
1	Gasket	6J8-14995-00-00
1	Gasket	6E5-14198-A2-00

150, V150, 175, 200 (96~01), 225 2.6L (96~), P150, P175, P200 (96~99), S150, C150, S175, S200 - ***64D-W0093-00-00***

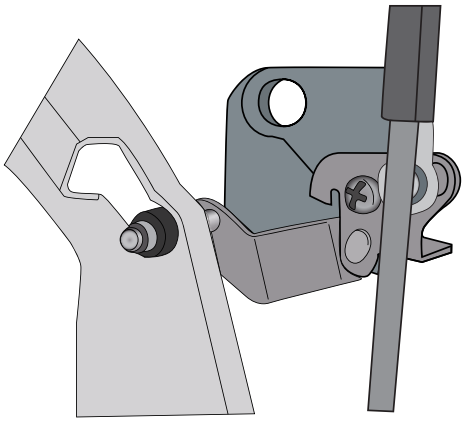
Kit Includes:

Qty	Description	Part #
1	Gasket, Float Chamber	64D-14384-00-00
2	Valve, Needle	6E5-14546-00-00
2	Clip	6E5-14159-00-00
2	Pin, Float	6E5-14386-02-00
2	Gasket	61U-14959-00-00
2	Valve, Drain	64D-14394-00-00
2	Gasket	6E5-14398-01-00
2	Plug	6E5-14328-01-00
2	Gasket	6E5-14979-00-00
1	Gasket	6J8-14995-00-00
1	Gasket	6E5-14198-A2-00

225, 250 3.1L (90~96), S225, S250- ***61A-W0093-01-00***

Kit Includes:

Qty	Description	Part #
1	Clip	6E5-14159-01-00
1	O-Ring	93210-50MA8-00
1	Gasket	61A-14198-00-00
1	Valve, Needle	6E5-14546-00-00
1	Pin, Float	61A-14386-00-00
1	Valve, Drain	61A-14394-00-00
1	Gasket, Float Chamber	61A-14384-00-00
1	Screw, Air Adjusting	6E5-14323-03-00
1	Gasket	61A-14995-00-00
1	Gasket	61A-14959-00-00
1	O-Ring	61A-14561-00-00



Cam Roller

Cam rollers can wear over time. Stocking a few will help ensure your customers get the quick service they need. Used on most two strokes from 9.9 HP up.

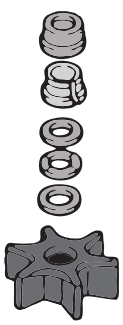
682-41291-00-00

Water Pump Housings

4 Stroke Application	Part Number
F2.5	69M-G4311-00-00
F4 (~06/2008)	68D-G4311-01-00
F4 (09/2009~)	6BX-44311-00-00
F8,T8 (01~) F6 (~06/2008)	63V-44301-00-00
F9.9, T9.9 (~04)	682-44300-01-00
F9.9/T9.9 (05~)	63V-44301-00-00
F15 (98~)	63V-44301-00-00
F15C, F20	6AH-44311-00-00
F25	61N-44311-01-00
T25, F30, F40 (00~)	66T-44311-00-00
F40 (99)	63D-44311-00-00
F50, F60	63D-44311-00-00
T50, T60	6H3-44311-00-00
F70	6CJ-44311-00-00
F75, F80, F90, F100	67F-44311-00-00
F115, F150, F200, F225	61A-44311-01-00
VF200, VF225, VF250	61A-44311-01-00
F225, F250, F300 (4.2L)	6CE-44311-01-00
F250, F250B	61A-44311-01-00
F300, F350 (V8)	6AW-44311-00-00

Jet Drive Application	Part Number
F40	67C-44311-10-00
F50/F60	62Y-44311-10-00
F75/F80/F90/F100	67F-44311-11-00
F115 (Requires both part numbers)	6E5-44311-00-00 6E5-44322-00-00

2 Stroke Application	Part Number
2	99999-02129-00
3	6L5-44311-00-00
4,5	6E0-44311-00-00
6,8	6N0-G4311-00-00
9.9/15 (96)	63V-44301-00-00
9.9/15 (~95)	682-44300-01-00
20,25 Two Cyl	6L2-44311-00-00
25,30 Three Cyl	6J8-44311-00-00
C25	689-44311-03-00
C30 (93~97)	61N-44311-01-00
C30 (~92)	689-44311-03-00
40, 50, P50 (~94)	6J8-44311-00-00
40, C40, P40, 50, C50, P50 (95~)	63D-44311-00-00
E48, C55	663-44311-02-00
60, C60, P60, E60 (~03)	6H3-44311-00-00
60,70 (04~)	688-44311-01-00
C75, E75, P75, 90	688-44311-01-00
C85 (89~97)	67F-44311-00-00
115, C115, 130 (~92)	6E5-44311-00-00
115, B115, C115, P115, S115 (93~)	61A-44311-01-00
130, S130 (93~)	61A-44311-01-00
150, P150, 175, 200, 225 (~91)	6E5-44311-00-00
V150, VX150 (92~)	61A-44311-01-00
150, C150, D150, DX150 (92~)	61A-44311-01-00
P150, PX150, P175, P200 (92~)	61A-44311-01-00
S150, SX150, S200, SX200	61A-44311-01-00
S225, SX225, S250, SX250	61A-44311-01-00
175, 200, 225, 250	61A-44311-01-00
V200, VX200, V225	61A-44311-01-00
VX225,V250, VX250	61A-44311-01-00
VZ150, VZ175, VZ200	61A-44311-01-00
VZ225, VZ250, VZ300	61A-44311-01-00
Z150, Z175, Z200, Z250,Z300	61A-44311-01-00



Anti-Knock Washers
Required when changing a water pump on engines utilizing anti-knock washers.

Collar	61A-45527-00-00
Spacer	61A-45538-00-00
Plate Washer	90201-22M01-00
Wave Washer	90206-22M19-00

T8, T9.9 (04/2007~) - *69G-W0078-00-00*

Kit Includes:

Qty	Description	Part #
1	Insert, Cartridge	63V443220000
1	Damper, Water Seal 2	68T443660000
1	Impeller	63V443520100
1	Key, Woodruff	664443380000
1	O-Ring	932104470400
1	Outer Plate, Cartridge	68T443230000
4	Bolt	970950804500

F9.9, T9.9, FT9.9 (~96) - *682-W0078-A1-00*

Kit Includes:

Qty	Description	Part #
2	Gasket, Water Pump	68244315A000
1	Insert, Cartridge	682443220000
1	Outer Plate, Cartridge	682443230000
1	Damper, Water Seal 1	682443650000
1	Key, Woodruff	902800302400
4	Bolt	970950604000
1	Impeller	682443520300

F9.9, T9.9, FT9.9 (~96), F9.9, T9.9 (04~04/2005), FT9.9 (04~04/2005) - *682-W0078-A3-00*

Kit Includes:

Qty	Description	Part #
1	Damper, Water Seal 1	682443650000
4	Bolt	970800604500
1	Insert, Cartridge	682443220000
1	Impeller	682443520300
2	Gasket, Water Pump	68244315A000
1	Outer Plate, Cartridge	682443230000
1	Key, Woodruff	902800302400

F9.9-2, T9.9-2, F15 - *63V-W0078-01-00*

Kit Includes:

Qty	Description	Part #
1	Damper, Water Seal 2	647443660000
4	Bolt	970950804500
1	Insert, Cartridge	63V443220000
1	Impeller	63V443520100
1	Outer Plate, Cartridge	63V443230000
1	Key, Woodruff	664443380000

4-Stroke Water Pump Repair Kits

F2.5 - *69M-WG078-00-00*

Kit Includes:

Qty	Description	Part #
1	O-Ring	9321033M85
1	Insert Cartridge	6L5443220000
1	Outer Plate Cartridge	69MG43230000
1	Damper, Water Seal 2	6E0443660000
1	Impeller	6L5443520000
4	Bolt	970950604000
2	Pin, Dowel	936041808000
2	Plate	69MG43280000

F4, F6 (09/2009~) - *6BX-WG078-00-00*

Kit Includes:

Qty	Description	Part #
1	Housing, Water Pump	6BX443110000
1	Gasket, Water Pump	6BXG43150100
1	Insert, Cartridge	6BX443220000
1	Outer Plate, Cartridge	6BX443230000
1	Damper, Water Seal 2	67D443660000
1	Impeller	6E0443520000
4	Bolt	970800604500
2	Pin, Dowel	936041808000

F4 (~06/2008) - *68D-WG078-00-00*

Kit Includes:

Qty	Description	Part #
1	Housing, Water Pump	68DG43110100
1	Gasket, Water Pump	6BXG43150100
1	Insert Cartridge	6E0443220200
1	Outer Plate, Cartridge	6E0443230000
1	Damper, Water Seal 2	67D443660000
1	Impeller	6E0443520000
4	Bolt	970800604500
2	Pin, Dowel	936041808000

F6 , F8 (~06/2008) - *68T-W0078-00-00*

Kit Includes:

Qty	Description	Part #
1	Insert, Cartridge	63V443220000
1	Damper, Water Seal 2	68T443660000
1	Impeller	68T443520000
1	Key, Woodruff	664443380000
1	O-Ring	932104470400
1	Outer Plate, Cartridge	68T443230000
4	Bolt	970950804500

Maintenance Items

F9.9-2, T9.9-2, F15 - ***63V-W0078-01-00***

Kit Includes:

Qty	Description	Part #
1	Damper, Water Seal 2	647443660000
4	Bolt	970950804500
1	Insert, Cartridge	63V443220000
1	Impeller	63V443520100
1	Outer Plate, Cartridge	63V443230000
1	Key, Woodruff	664443380000

F9.9, T9.9, FT9.9 (~96), F9.9, T9.9 (04~04/2005), FT9.9 (04~04/2005) - ***682-W0078-A3-00***

Kit Includes:

Qty	Description	Part #
1	Damper, Water Seal 1	682443650000
4	Bolt	970800604500
1	Insert, Cartridge	682443220000
1	Impeller	682443520300
2	Gasket, Water Pump	68244315A000
1	Outer Plate, Cartridge	682443230000
1	Key, Woodruff	902800302400

F15C, F20 - ***6AH-W0078-00-00***

Kit Includes:

Qty	Description	Part #
1	Housing, Water Pump	6Ah443110000
1	Insert, Cartridge	63V443220000
1	Damper, Water Seal	6L2443670000
1	Impeller	63V443520100
1	Key, Woodruff	664443380000
1	O-Ring	932104904600
1	Outer Plate, Cartridge	68T443230000
2	Pin, Dowel	9360412M0700
4	Bolt	970950804500
2	Plate	63V443280100

F25 - ***61N-W0078-11-00***

Kit Includes:

Qty	Description	Part #
1	Insert, Cartridge	63V443220000
1	Damper, Water Seal 3	6L2443670000
1	Impeller	63V443520100
1	Key, Woodruff	664443380000
1	O-Ring	932104904600
1	Outer Plate, Cartridge	68T443230000
2	Pin, Dowel	9360410M0300
4	Bolt	970950804500
2	Plate	63V443280100

T25, F30, F40, (00~) - ***66T-W0078-00-00***

Kit Includes:

Qty	Description	Part #
1	Insert, Cartridge	63D443220000
1	Outer Plate, Cartridge	66T443230000
1	O-Ring	9321059MG7
1	Gasket, Water Pump	63D443160000
1	Key, Woodruff	9028003M0300
1	Impeller	6H4443520200
4	Bolt, With Washer	9011908M1500
1	Damper, Water Seal 2	663443660000
1	Pump Housing Cover	63D443120000

F40 (99), F50 (97~), F60 (02~) - ***63D-W0078-01-00***

Kit Includes:

Qty	Description	Part #
1	Insert, Cartridge	63D443220000
1	Impeller	6H3443520000
1	Cover, Water Pump Housing	63D443120000
1	Outer Plate, Cartridge	63D443230000
1	O-Ring	9321059MG700
1	Gasket, Water Pump	63D443160000
4	Bolt, With Washer	9011908M1500
1	Damper, Water Seal 2	663443660000
1	Key, Woodruff	902800302400

F75, F80, F90, F100 - *67F-W0078-00-00*

Kit Includes:

Qty	Description	Part #
1	Insert, Cartridge	67F443220000
1	Impeller	67F443520000
1	Gasket, Water Pump	68844315A000
1	Outer Plate, Cartridge	67F443230000
1	Gasket, Cartridge	68844324A000
1	Gasket, Water Pump	68844316A000
1	O-Ring	932104604400
2	Bolt, With Washer	9011908M8700
2	Bolt, With Washer	9011908M1300
1	Key, Woodruff	9028004M0400

F115 (00~01) - *6N6-W0078-02-00*

Kit Includes:

Qty	Description	Part #
1	Insert, Cartridge	61A443220200
1	O-Ring	9321086M3800
1	O-Ring	9321037M6700
1	Impeller	6E5443520100
1	Outer Plate, Cartridge	6E5443230000
1	Gasket, Water Pump	6E544315A000
2	Pin, Dowel	936061201900
4	Bolt, With Washer	9011908M1400
1	Key, Woodruff	9028004M0500
1	Key, Woodruff	9028004M0400

F115 (02~) - *68V-W0078-00-00*

Kit Includes:

Qty	Description	Part #
1	Insert, Cartridge	61A443220200
1	O-Ring	9321086M3800
1	O-Ring	9321037M6700
1	Impeller	6E5443520100
1	Outer Plate, Cartridge	68V443230000
1	Gasket, Water Pump	6E544315A000
2	Pin, Dowel	936061201900
4	Bolt, With Washer	9011908M1400
1	Key, Woodruff	9028004M0500

F50, T50 (96) - *6H3-W0078-A0-00*

Kit Includes:

Qty	Description	Part #
1	Gasket, Water Pump	6H344315A000
1	Outer Plate, Cartridge	6H3443230000
1	Gasket, Cartridge	6H344324A000
1	Impeller	6H3443520000
1	Insert, Cartridge	663443220000
1	Gasket, Water Pump	68844316A000
1	Key, Woodruff	9028003M0300
1	O-Ring	932104604400
2	Bolt	970800805500
2	Bolt	970800804500

T50, T60 (97~) - *6H3-W0078-02-00*

Kit Includes:

Qty	Description	Part #
1	Insert, Cartridge	663443220000
1	Impeller	6H3443520000
1	Gasket, Water Pump	6H344315A000
1	Outer Plate, Cartridge	6H3443230000
1	Gasket, Cartridge	6H344324A000
1	Gasket, Water Pump	68844316A000
1	O-Ring	932104604400
2	Bolt, With Washer	9011908M1400
2	Bolt, With Washer	9011908M3300
1	Key, Woodruff	9028003M0300

F70 - *6CJ-W0078-00-00*

Kit Includes:

Qty	Description	Part #
1	Insert,Cartridge	63D443220000
1	Gasket, Water Pump	6CJ443150000
1	Cover, Pump Housing	63D443120000
1	Damper, Water Seal 2	663443660000
1	Impeller	6H3443520000
1	Key, Woodruff	9028003M0300
2	Oil Seal	931012307000
1	O-Ring	932104604400
1	Gasket, Water Pump	6CJ443160000
1	Outer Plate, Cartridge	6CJ443230000
1	Gasket, Cartridge	6CJ443240000
2	Pin, Dowel	9360410M0300
2	Bolt, With Washer	9011908M3300
2	Bolt, With Washer	9011908M1400

Maintenance Items

F150, F200, F225 - ***61A-W0078-A3-00***

Kit Includes:

Qty	Description	Part #
1	Insert, Cartridge	61A443220200
1	O-Ring	9321086M3800
1	O-Ring	9321037M6700
1	Impeller	6E5443520100
1	Outer Plate, Cartridge	6G5443230000
1	Gasket, Water Pump	6E544315A000
2	Pin, Dowel	936061201900
4	Bolt, With Washer	9011908M1400
1	Key, Woodruff	9028004M0500

F300, F350 (V8) - ***6AW-W0078-00-00***

Kit Includes:

Qty	Description	Part #
1	Insert, Cartridge	6AW443220000
1	O-Ring	932109400300
1	O-Ring	9321037M6700
1	Impeller	6AW443520000
1	Key	6AW443360000
1	Outer Plate, Cartridge	6AW443230000
1	Gasket, Water Pump	6AW443150000
2	Pin, Dowel	936061201900
4	Bolt, With Washer	9011908M1400

VF200, VF225, VF250 - ***6CB-W0078-00-00***

Kit Includes:

Qty	Description	Part #
1	Insert, Cartridge	61A443220200
1	O-Ring	9321086M3800
1	O-Ring	9321037M6700
1	Impeller	6E5443520100
1	Key, Woodruff	902800400200
1	Outer Plate, Cartridge	6CB443230000
1	Gasket, Water Pump	6CB443150000
2	Pin, Dowel	936061201900
4	Bolt, With Washer	9011908M1400

F250, F250B - ***6P2-W0078-00-00***

Kit Includes:

Qty	Description	Part #
1	Insert, Cartridge	61A443220200
1	O-Ring	9321086M3800
1	O-Ring	9321037M6700
1	Impeller	6E5443520100
1	Outer Plate, Cartridge	6P2443230000
1	Gasket, Water Pump	60X44315A000
2	Pin, Dowel	936061201900
4	Bolt, With Washer	9011908M1400
1	Key, Woodruff	9028004M0500

F225, F250, F300 (4.2L) - ***6CE-W0078-00-00***

Kit Includes:

Qty	Description	Part #
2	Oil Seal	9310422M0700
1	Insert, Cartridge	6AW443220000
1	O-Ring	932109400300
1	O-Ring	9321037M6700
1	Impeller	6CE443520000
1	Key, Woodruff	902800400200
1	Outer Plate, Cartridge	6CE443230000
1	Gasket, Water Pump	6CE443150000
2	Pin, Dowel	936061201900
4	Bolt, With Washer	9011908M1400

2-Stroke Water Pump Repair Kits

4, 5 (97~) - *6E0-W0078-A3-00*

Kit Includes:

Qty	Description	Part #
1	Housing, Water Pump	6E0443110000
1	Gasket, Water Pump	6E044315A000
1	Insert, Cartridge	6E0443220200
1	Outer Plate, Cartridge	6E0443230000
1	Damper, Water Seal 2	6E0443660000
1	Impeller	6E0443520000
4	Bolt	97080604500
2	Pin Dowel	936041808000

6, 8 (96~) - *6N0-W0078-A0-00*

Kit Includes:

Qty	Description	Part #
1	Gasket, Water Pump	6G144315A000
1	Insert, Cartridge	6G1443220000
1	Outer Plate, Cartridge	6G1443230000
1	Damper, Water Seal 2	647443660000
1	Impeller	6G1443520000
2	Plate	6G1443280000
4	Bolt	970800604500

9.9, 15 (~95) - *682-W0078-A1-00*

Kit Includes:

Qty	Description	Part #
2	Gasket, Water Pump	68244315A000
1	Insert, Cartridge	682443220000
1	Outer Plate, Cartridge	682443230000
1	Damper, Water Seal 1	682443650000
1	Key, Woodruff	902800302400
4	Bolt	970950604000
1	Impeller	682443520300

9.9, 15 (96~) - *63V-W0078-01-00*

Kit Includes:

Qty	Description	Part #
1	Damper, Water Seal 2	647443660000
4	Bolt	970950804500
1	Insert, Cartridge	63V443220000
1	Impeller	63V443520100
1	Outer Plate, Cartridge	63V443230000
1	Key, Woodruff	664443380000

2 (89~02) - *6A1-W0078-02-00*

Kit Includes:

Qty	Description	Part #
2	Pin, Dowel	936040906800
1	O-Ring	932101912300
2	Oil Seal	9310111M4400
1	Outer Plate, Cartridge	646443230000
1	Impeller	646443520100
1	Insert, Cartridge	646443220000
1	Protector, Oil Seal	6A1443250000
2	Bolt	970950501600

3 (88~02) - *6L5-W0078-00-00*

Kit Includes:

Qty	Description	Part #
1	O-Ring	9321033M8500
1	Insert, Cartridge	6L5443220000
1	Outer Plate, Cartridge	6L5443230000
1	Damper, Water Seal 2	6E0443660000
1	Impeller	6L5443520000
4	Bolt	970950604000
2	Pin, Dowel	936041808000
2	Plate	6L5443280000

4, 5 (~96) - *6E0-W0078-A2-00*

Kit Includes:

Qty	Description	Part #
1	Housing, Water Pump	6E0443110000
1	Gasket, Water Pump	6E044315A000
1	Insert, Cartridge	6E0443220200
1	Outer Plate, Cartridge	6E0443230000
1	Impeller	6E0443520000
1	Damper, Water Seal 2	6E0443660000
1	Pin, Dowel	936040906600
4	Bolt	970800604500

Maintenance Items

20, 25 Two Cylinder - *6L2-W0078-00-00*

Kit Includes:

Qty	Description	Part #
1	Outer Plate, Cartridge	6L2443230000
1	O-Ring	932104516100
1	Impeller	6L2443520000
1	Insert, Cartridge	6L2443220000
4	Bolt	970950604000
1	Key, Woodruff	902800302400

25, 30 Three Cylinder (96~02) - *6J8-W0078-A2-00*

Kit Includes:

Qty	Description	Part #
1	Insert, Cartridge	663443220000
1	Impeller	6H4443520200
1	Gasket, Water Pump	66344315A000
1	Outer Plate, Cartridge	663443230000
1	Gasket, Cartridge	66344324A000
1	Gasket, Water Pump	66344316A000
2	Bolt, With Washer	9011908M1300
2	Bolt, With Washer	9011908M3400

C25 (90~97), C30 (90~92) - *689-W0078-A6-00*

Kit Includes:

Qty	Description	Part #
1	Damper, Water Seal 1	626443650100
1	Housing, Water Pump	689443110300
3	Bolt, With Washer	9011906M0700
1	Insert, Cartridge	689W44320200
1	Outer Plate, Cartridge	689443230300
1	Gasket, Cartridge	68944324A000
1	Impeller	689443520200
1	Gasket, Water Pump	68944316A000
1	Key, Woodruff	664443380000

30 (~95) - *6J8-W0078-A1-00*

Kit Includes:

Qty	Description	Part #
1	Impeller	6H4443520200
1	Gasket, Water Pump	66344315A000
1	Gasket, Water Pump	66344316A000
1	Insert, Cartridge	663443220000
1	Outer Plate, Cartridge	663443230000
1	Gasket, Cartridge	66344324A000
2	Bolt	970950804000
2	Bolt	970950805000

C30 (93~97) - *61N-W0078-11-00*

Kit Includes:

Qty	Description	Part #
1	Housing, Water Pump	61N443110100
1	Damper, Water Seal 3	6L2443670000
1	Insert, Cartridge	61N443220100
1	Impeller	6H4443520200
1	O-Ring	93104516100
1	Outer Plate, Cartridge	61N443230000
4	Bolt	970950604000
4	Washer	92990660000
1	Key, Woodruff	902800302400

40, 50 P50, P60 (~96) - *63D-W0078-00-00*

Kit Includes:

Qty	Description	Part #
1	Gasket, Water Pump	6H344315A000
1	Outer Plate, Cartridge	6H3443230000
1	Gasket, Cartridge	6H344324A000
1	Impeller	6H3443520000
1	Insert, Cartridge	663443220000
1	Gasket, Water Pump	68844316A000
1	Key, Woodruff	9028003M0300
1	O-Ring	932104604400
2	Bolt	970800805500
2	Bolt	970800804500

40, C40, P40, 50, C50, P50 (97~) - *63D-W0078-01-00*

Kit Includes:

Qty	Description	Part #
1	Insert, Cartridge	63D443220000
1	Impeller	6H3443520000
1	Cover, Pump Housing	63D443120000
1	Outer Plate, Cartridge	63D443230000
1	O-Ring	9321059MG700
1	Gasket, Water Pump	63D443160000
4	Bolt, With Washer	9011908M1500
1	Damper, Water Seal 2	663443660000
1	Key, Woodruff	902800302400

C55 (90~91) - *663-W0078-A0-00*

Kit Includes:

Qty	Description	Part #
1	Gasket, Water Pump	66344315A000
1	Insert, Cartridge	663443220000
1	Outer Plate, Cartridge	663443230000
1	Gasket, Cartridge	66344324A000
1	Damper, Water Seal 2	663443660000
1	Impeller	6H3443520000
1	Key, Woodruff	902800302400
2	Bolt	970800804500
2	Bolt	970800805500

C55 (92~94) - *663-W0078-01-00*

Kit Includes:

Qty	Description	Part #
1	Insert, Cartridge	663443220000
1	Impeller	6H3443520000
1	Gasket, Water Pump	66344315A000
1	Outer Plate, Cartridge	663443230000
1	Gasket, Cartridge	66344324A000
2	Bolt	970950805500
2	Bolt	970950804500
1	Damper, Water Seal 2	663443660000
1	Key, Woodruff	9028003M0300

60, 70 (04~), C75, P75, C80, 90, B90, C90 (97~), E75 - *692-W0078-02-00*

Kit Includes:

Qty	Description	Part #
1	Insert, Cartridge	688443220000
1	Impeller	688443520300
1	Gasket, Water Pump	68844315A000
1	Outer Plate, Cartridge	688443230000
1	Gasket, Cartridge	68844324A000
1	Gasket, Water Pump	68844316A000
1	O-Ring	932104604400
2	Bolt, With Washer	9011908M1300
2	Bolt, With Washer	9011908M1600
1	Key, Woodruff	9028004M0400

C40 (90~91) - *6F5-W0078-A0-00*

Kit Includes:

Qty	Description	Part #
1	Damper, Water Seal 2	663443660000
1	Insert, Cartridge	676443220000
1	Impeller	6F5443520000
1	Gasket, Water Pump	67644315A100
1	Outer Plate, Cartridge	676443230000
1	Gasket, Cartridge	67644324A100
1	Gasket, Water Pump	67644316A100
2	Bolt	970950805500
2	Bolt	970950804500
4	Washer	929900860000
1	Key, Woodruff	9028004M0000

C40 (92~96) - *679-W0078-A1-00*

Kit Includes:

Qty	Description	Part #
1	Damper, Water Seal 2	663443660000
1	Insert, Cartridge	676443220000
1	Impeller	6F5443520000
1	Gasket, Water Pump	67644315A100
1	Outer Plate,Cartridge	676443230000
1	Gasket, Cartridge	67644324A100
1	Gasket, Water Pump	67944316A100
2	Bolt	970950805500
2	Bolt	970950804500
1	Key, Woodruff	9028004M0000

E48 (95~00) - *696-W0078-00-00*

Kit Includes:

Qty	Description	Part #
1	Insert, Cartridge	663443224000
1	Impeller	6H3443520000
1	Gasket, Water Pump	66344315A000
1	Outer Plate, Cartridge	670443230000
1	Gasket, Cartridge	66344324A000
2	Bolt	970950805500
2	Bolt	970950804500
1	Damper, Water Seal 2	663443660000
1	Key, Woodruff	9028003M0300

Maintenance Items

E60 (97~00) - *6K5-W0078-01-00*

Kit Includes:

Qty	Description	Part #
1	Insert, Cartridge	663443224000
1	Impeller	6H3443520000
1	Gasket, Water Pump	6H344315A000
1	Outer Plate, Cartridge	6H3443234000
1	Gasket, Cartridge	6H344324A000
1	Gasket, Water Pump	68844316A000
1	O-Ring	932104604400
2	Bolt, With Washer	9011908M3300
2	Bolt, With Washer	9011908M1400
1	Key, Woodruff	9028003M0300

60, C60, P60, 70, C70 (97~03) - *6H3-W0078-02-00*

Kit Includes:

Qty	Description	Part #
1	Insert Cartridge	663443220000
1	Impeller	6H3443520000
1	Gasket, Water Pump	6H344315A000
1	Outer Plate, Cartridge	6H3443230000
1	Gasket, Cartridge	6H344324A000
1	Gasket, Water Pump	68844316A000
1	O-Ring	932104604400
2	Bolt, With Washer	9011908M1400
2	Bolt, With Washer	9011908M3300
1	Key, Woodruff	9028003M0300

C60, E60, P60, 70 (92~96) - *6H3-W0078-01-00*

Kit Includes:

Qty	Description	Part #
1	Insert, Cartridge	663443220000
1	Impeller	6H3443520000
1	Gasket, Water Pump	6H344315A000
1	Outer Plate, Cartridge	6H3443230000
1	Gasket, Cartridge	6H344324A000
1	Gasket, Water Pump	68844316A000
1	O-Ring	932104604400
2	Bolt	970950804500
2	Bolt	970950805500
1	Key, Woodruff	9028003M0300

C85 (91), CV85 (89~90), 90 (84~91) - *692-W0078-A0-00*

Kit Includes:

Qty	Description	Part #
1	Gasket, Water Pump	68844315A000
1	Gasket, Water Pump	68844316A000
1	Insert, Cartridge	688443220000
1	Outer Plate, Cartridge	688443230000
1	Gasket, Cartridge	68844324A000
1	Impeller	688443520300
1	Key, Woodruff	9028004M0400
1	O-Ring	932104604400
2	Bolt	970950805000
2	Bolt	970950807000

E75 (95~96), P75 (96), C75 (94~96), C85, 90 (92~96) - *692-W0078-01-00*

Kit Includes:

Qty	Description	Part #
1	Insert, Cartridge	688443220000
1	Impeller	688443520300
1	Gasket, Water Pump	68844315A000
1	Outer Plate, Cartridge	688443230000
1	Gasket, Cartridge	68844324A000
1	Gasket, Water Pump	68844316A000
1	O-Ring	932104604400
2	Bolt	970950805000
2	Bolt	970950807000
1	Key, Woodruff	9028004M0400

115, C115, 130 (~92) - *6E5-W0078-A1-00*

Kit Includes:

Qty	Description	Part #
1	Gasket, Water Pump	6E544315A000
1	Insert, Cartridge	6E5443220000
1	Outer Plate, Cartridge	6E5443230000
1	Impeller	6E5443520100
4	Washer	9020908M0200
1	Key, Woodruff	9028004M0500
1	O-Ring	9321037M6700
1	O-Ring	9321086M3800
2	Pin, Dowel	936061201900
4	Bolt	970800804500

115, C115, P115, 130 (93~96) - *6N6-W0078-00-00*

Kit Includes:

Qty	Description	Part #
1	Insert, Cartridge	61A443220000
1	O-Ring	9321086M3800
1	O-Ring	9321037M6700
1	Impeller	6E5443520100
1	Outer Plate, Cartridge	6E5443230000
1	Gasket, Water Pump	6E544315A000
1	Pin, Dowel	936061201900
4	Bolt	973950804500
4	Washer	9020908M0200
1	Key, Woodruff	9028004M0500

115, C115, S115, S130 (97~) - *6N6-W0078-02-00*

Kit Includes:

Qty	Description	Part #
1	Insert, Cartridge	61A443220200
1	O-Ring	9321086M3800
1	O-Ring	9321037M6700
1	Impeller	6E5443520100
1	Outer Plate, Cartridge	6E5443230000
1	Gasket, Water Pump	6E544315A000
2	Pin, Dowel	936061201900
4	Bolt, With Washer	9011908M1400
1	Key, Woodruff	9028004M0500

150, P150, 175, 200, 225 (~91) - *6G5-W0078-A1-00*

Kit Includes:

Qty	Description	Part #
1	Gasket, Water Pump	6E544315A000
1	Insert, Cartridge	6E5443220000
1	Impeller	6E5443520100
1	Outer Plate, Cartridge	6G5443230000
4	Washer	9020908M0200
1	Key, Woodruff	9028004M0500
1	O-Ring	9321037M6700
1	O-Ring	9321086M3800
1	Pin, Dowel	936061201900
4	Bolt	970800804500

D150, DX150, B115 (98~99) - *65N-W0078-A1-00*

Kit Includes:

Qty	Description	Part #
1	Insert, Cartridge	61A443220200
1	O-Ring	9321086M3800
1	O-Ring	9321037M6700
1	Impeller	6E5443520100
1	Outer Plate, Cartridge	65N443230000
1	Gasket, Water Pump	65N44315A000
1	Key, Woodruff	9028004M0500
2	Pin, Dowel	936061201900
4	Bolt, With Washer	9011908M1400

P150 (92~96), P175 (94~96), P200 (91~96), C150 (96), 150~225 (96), L150~L250 (96), S150~S250 (96) - *61A-W0078-A1-00*

Kit Includes:

Qty	Description	Part #
1	Insert, Cartridge	61A443220000
1	O-Ring	9321086M3800
1	O-Ring	9321037M6700
1	Impeller	6E5443520100
1	Outer Plate, Cartridge	6G5443230000
1	Gasket, Water Pump	6E544315A000
2	Pin, Dowell	936061201900
4	Bolt	970950804500
4	Washer	9020908M0200
1	Key, Woodruff	9028004M0500

VZ200~VZ300 (3.1L) (03~) - *60X-W0078-00-00*

Kit Includes:

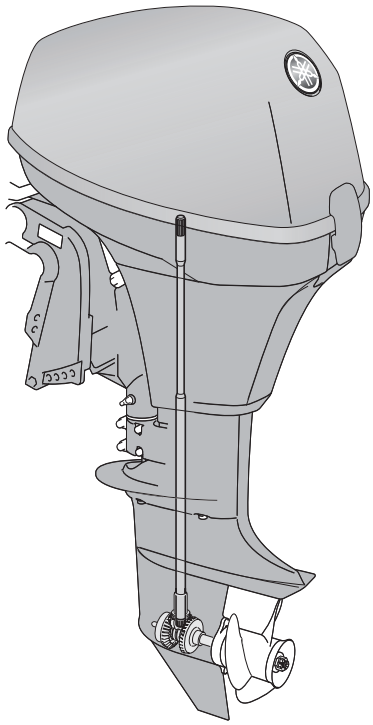
Qty	Description	Part #
1	Insert, Cartridge	61A443220200
1	O-Ring	9321086M3800
1	O-Ring	9321037M6700
1	Impeller	6E5443520100
1	Outer Plate, Cartridge	60X443230000
1	Gasket, Water Pump	60X44315A000
2	Pin, Dowel	936061201900
4	Bolt, With Washer	9011908M1400
1	Key, Woodruff	9028004M0500

Maintenance Items

225,250 (92~), S150, SX150, S200, SX200, S250, SX250, V150~V250, VX150~VX250, VZ150~VZ200 (2.6L), Z150~Z300, P150~P200, C150 (97~99), PX150 (99) - ***61A-W0078-A3-00***

Kit Includes:

Qty	Description	Part #
1	Insert, Cartridge	61A443220200
1	O-Ring	9321086M3800
1	O-Ring	9321037M6700
1	Impeller	6E5443520100
1	Outer Plate, Cartridge	6G5443230000
1	Gasket, Water Pump	6E544315A000
2	Pin, Dowel	936061201900
4	Bolt, With Washer	9011908M1400
1	Key, Woodruff	9028004M0500



Don't forget the WR No. 2 grease for the driveshaft splines when reinstalling the lower unit after water services.



WR No. 2 Grease
Provides water resistance, rust protection, lubrication and heat resistance. Specially designed for four stroke oil pump seals, drive shaft splines and drive shaft bushing area. For four stroke and two stroke applications.
90790-74046-00

Notes:

Detailing and Trailer Supplies Index

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Detailing and Trailer Supplies

Brushes



Deluxe Stiff Bristle Long Scrub Brush
Long scrub brush with stiff, resilient, durable poly scrubbing bristles. Great for bugs, wheels and bumpers. Ergonomically designed for comfortable, effective cleaning.

ACC-LAITP-27-48

(Qty. 8*) ACC-LABKP-27-48



Deluxe Interior Brush with Stiff Bristles
Interior brush with stiff, resilient, durable poly bristles, great for upholstery, carpets, mats and wheels. Ergonomically designed for comfortable,effective cleaning.

ACC-LAITP-22-78

(Qty. 6*) ACC-LABKP-22-78



10" Brush, Soft Bristle, 62" Flo-Thru Handle
10" wash brush features super-soft, clear-coat synthetic bristles and a 62", telescoping, Flo-Thru Handle with on/ off water control valve. Safe and effective for cleaning trailers, rigs, trucks, SUVs and cars. Standard, ACME threads.

ACC-LAIT5-17-11

(Qty. 6*) ACC-LABK5-17-11



10" Bi-Level Brush, 72" Flo-Thru Handle
Huge 10" bi-level wash brush stuffed with lots of super-soft, clear-coat, safe, synthetic bristles set into solid structural foam poly block. Includes a 72" telescopic Flo- Thru Handle with on/off water control valve.

ACC-LAIT8-61-51

(Qty. 6*) ACC-LABK8-61-51



Deluxe Wheel & Spoke Brush w/ Soft Bristles
Extra-long wheel brush with two supersoft loops of bristles, it's great for spokes, around exhaust, fenders, and engine parts. Ergonomically designed, it features a soft-molded rubber grip.

ACC-LAIT7-79-01

(Qty. 12*) ACC-LABK7-79-01

** Ordered individually with a minimum order quantity*

Detail Brush Kit - 3 Pack
Premium detail brush kit includes stainless steel, brass and poly bristle brushes with soft-molded rubber grips for comfort. Cleans gunk and corrosion with less effort and better results.

ACC-LAIT9-99-01

(Qty. 12) ACC-LABK9-99-01*



Deluxe Wheel & Spoke Brush w/ Scrubber Pad
Extra-long wheel brush with one loop of soft bristles for overall cleaning and a scouring pad for tougher spots. Ergonomically designed for your hand it features a soft-molded rubber grip.

ACC-LAIT5-79-01

(Qty. 12) ACC-LABK5-79-01*



10" Bi-Level Wash Brush
Huge 10" bi-level wash brush stuffed with lots of supersoft, clear-coat-safe synthetic bristles set into solid structural foam poly block. With standard ACME threads to fit any standard handle. Great for cleaning trailers, rigs, trucks, SUVs and cars.

ACC-LAIT0-15-10

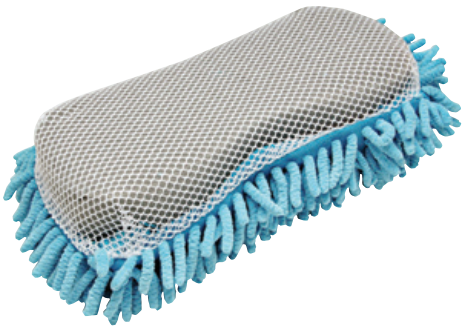
(Qty. 12) ACC-LABK0-15-10*



** Ordered individually with a minimum order quantity*

Detailing and Trailer Supplies

Sponges and Mitts



Micro-Fiber Chenille Sponge w/ Bug Scrubber
Features a mesh back for scrubbing for bugs and road tar, and long-pile micro-fibers that really soak up water and soap to gently clean any surface.

ACC-LAIT5-95-01

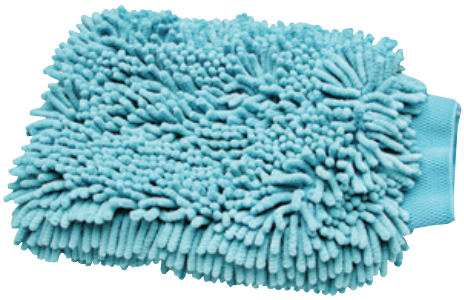
(Qty. 8*) ACC-LABK5-95-01



4" Wax Applicator - 2 Pack
Soft cotton applicators to apply wax, tire dressing, or protectants.

ACC-LAIT7-46-01

(Qty. 12*) ACC-LABK7-46-01



Micro-Fiber Chenille Wash Mitt
Premium micro-fiber chenille wash mitt with elastic cuff. Long pile micro-fiber really soaks up water and soap to gently clean any surface.

ACC-LAIT4-95-01

(Qty. 8*) ACC-LABK4-95-01



Micro-Fiber Polishing Mitt
Features short-pile, microfiber strands for polishing and soaking up water and soap.

ACC-LAIT1-06-01

(Qty. 6*) ACC-LABK1-06-01



Acrylic Wash Mitt
Soft economy mitt with elastic cuff. Great for any job.

ACC-LAIT2-46-01

(Qty. 12*) ACC-LABK2-46-01

** Ordered individually with a minimum order quantity*

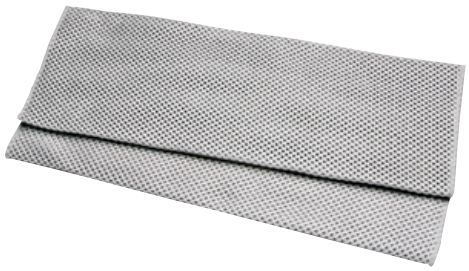


Economy Micro-Fiber Wash Sponge
Value-based micro-fiber wash sponge. Short-pile micro-fiber really soaks up water and soap to gently clean any surface. Great for stowing away to take on the go anywhere.

ACC-LAIT7-95-01

(Qty. 8*) ACC-LABK7-95-01

Towels and Cloths



Micro-Fiber Bug Scrubber - 2 Pack
Premium micro-fiber bug and tar sponge. Safe on any surface, waffle weave pattern scrubs those stubborn stains.

ACC-LAIT3-16-01

(Qty. 14*) ACC-LABK3-16-01



Micro-Fiber Cleaning Towels - 8 Pack
Premium 8 pack of micro-fiber towels. Whatever job you have these towels have you covered. Bike, auto, boat, RV and home.

ACC-LAIT3-95-01

(Qty. 18*) ACC-LABK3-95-01



Premium Micro-Fiber Polishing Cloths - 3 Pack
Micro-fiber super soft suede polish cloths. These towels are so soft you can use them on chrome, windows, clear coat and even eyewear.

ACC-LAIT6-95-01

(Qty. 6*) ACC-LABK6-95-01



Micro-Fiber Drying Towel
Premium micro-fiber drying towel is big enough and plush enough to handle any job.

24"x24" ACC-LAIT5-85-01

(Qty. 6*) 24"x24" ACC-LABK5-85-01

36"x36" ACC-LAIT2-95-01

(Qty. 6*) 36"x36" ACC-LABK2-95-01

** Ordered individually with a minimum order quantity*

Detailing and Trailer Supplies

Cleaning Chemicals

Yamaha offers a complete line of cleaning and care products through the Yamaclean® line up



If your customers are looking for a way to keep all of their boat cleaning items in one spot, then the Marine Detailing Bucket is perfect for them. All of the products customers need to keep their boat clean are in this convenient and durable bucket.

Marine Detailing Bucket
Protect your investment and keep your equipment looking like new with our detail kit in a bucket. It includes: 32 oz. bottle of All Purpose Cleaner, 32 oz. bottle of Vinyl Dressing, 32 oz. bottle of Glass Cleaner, 16 oz. bottle of Wash & Wax, 32 oz. bottle of Hull Cleaner, 32 oz. bottle of Deodorizer, Micro-Fiber Towel and Wash Sponge.
ACC-YAMAC-MA-BU



Yamaclean® Shine Wipes
The only silicone based wipes in the market, they shine tires for that showroom-new look. Use on plastic to help restore that luster. Not for use on tire treads.
30 Ct. ACC-YAMAS-HN-00



Windshield and Visor Cleaner
A special cleaner/polish for all smooth plastic surfaces like windshields. This product is able to dissolve oils, grease, and insect matter from windscreens. Leaves a super slick surface. 8 oz. Bottle
(Qty. 10*) ***ACC-PLASP-OL-11***

** Ordered individually with a minimum order quantity*



Yamaclean® Carpet Cleaner
Gently foams away soil, oil, and grease from vinyl, fabric, and carpet. Treat problem areas or the entire carpet. Spot cleaning should not leave rings on fabric.
12 oz. Can (Qty. 12*) ***ACC-YAMAC-CT-CR***



Yamaclean® Ammoniated Glass Cleaner
This streak-free formula cleans grease, dirt, and water spots on glass, mirrors, and many other hard, washable surfaces. The aerosol spray allows for quick application.
12 oz. Can (Qty. 12*) ***ACC-YAMAC-GL-CR***



Spray Polish
This quick detailer will restore a lustrous shine to paint, chrome, glass and smooth plastics like visors, windshields, and gauges. Gives textured plastics, rubber and vinyl a beautiful satin finish. Anti-static properties repel dust and dirt to keep that shine.
14 oz. Can (Qty. 12*) ***ACC-SPRAY-PL-SH***



Yamaclean® Spray Wax
Forms a slick, shiny polymer barrier that causes water to bead on contact. It also reduces the ability of dirt and grime to adhere to the surface, helping to maintain the shine.
12 oz. Can (Qty. 12*) ***ACC-YAMAC-SP-WX***



Yamaclean® Vinyl Dressing
This one-step formula restores and protects vinyl, rubber, plastics and leather. When dry, it leaves a transparent and water repellent gloss coating that isn't slippery. Its UV protection also helps to prevent drying and cracking.
32 oz. Bottle (Qty. 12*) ***ACC-YAMAC-VN-DR***



Yamaclean® Pro-Wash Spray
Yamaclean Pro-Wash Spray is a biodegradable vehicle spray wash that removes grime and soil. Rinses clean and helps keep your boat looking new.
32 oz. Bottle (Qty. 12*) ***ACC-YAMAC-PW-SP***

** Ordered individually with a minimum order quantity*

Detailing and Trailer Supplies



Yamaclean® Wash & Wax Concentrate
Concentrated Yamalube Wash & Wax is a premium, high sudsing wash-and-wax formula. Its superior cleaning and rinsing properties minimize streaking and spotting to leave a super-bright, clear shine.
16 oz. Bottle (Qty. 12*) ***ACC-YAMAC-WH-WX***



Yamaclean® All Purpose Cleaner
Removes most grease, oil, blood, mildew, soap scum, bird and spider droppings, scuff marks, pet stains, dust, pollen, fingerprints, food/beverages, sea salt residue and more, leaving surfaces clean for optimum brilliance.
32 oz. Bottle (Qty. 12*) ***ACC-YAMAC-AP-CL***



Yamaclean® Deodorizer
This deep penetrating, fast acting deodorizer leaves areas of your boat clean and fresh. Eliminates odors on fabrics, carpets, and upholstery including stale smoke rather than covering them up. Also reduces allergens from pets and dust mites.
32 oz. Bottle (Qty. 12*) ***ACC-YAMAC-DE-ZR***



Yamaclean® Hull Cleaner
Formulated specifically to remove light corrosion, dirt, and grease from fiberglass boat hulls. Its combination of modern surfactants and builders effortlessly remove most water stains, algae, mold, rust stains, oil, scum lines and light oxidation.
32 oz. Bottle (Qty. 12*) ***ACC-YAMAC-HL-CL***



Yamaclean® Bilge Cleaner
Effortlessly dissolves oil, grease, gasoline, and sludge, removing odor causing elements without scrubbing. Safe for fiberglass, wood, and metal boats and requires no scrubbing.
32 oz. Bottle (Qty. 12*) ***ACC-YAMAC-BG-CL***



Simichrome® Polish
Polishing paste for chrome, aluminum, silver, brass or any metal.
1.76 oz. Tube (Qty. 6*) ***ACC-11000-19-01***
11 grams (Qty. 25*) ***ACC-11000-19-03***

** Ordered individually with a minimum order quantity*



Sticker-OFF!™
This product removes tough-to-get-off residues, particularly the ones left by sticker adhesives.
2 oz. Bottle (Qty. 6*) ***ACC-STICK-OF-11***



Sticker-ON!™
Decals are easy to apply with Sticker-On™ application spray. Sticker-On™ lets you position decals before they permanently adhere to the surface of the unit. Dries quickly, too.
2 oz. Spray Bottle (Qty. 6*) ***ACC-STICK-ON-11***

** Ordered individually with a minimum order quantity*

Tire Repair and Supplies



Tire Mount Lube
Specially formulated lubricant that allows you to change tires on the rim quickly with less chance of damage. Use on any rim-mounted tire to provide a lubricated surface that eases tire installation while helping to protect the tire bead from damage. Preventing damage to the tire bead improves its sealing ability.

16 oz. Can (Qty. 12*) ***ACC-TIRMN-TL-UB***



Power SPAIR® Flat Tire Repair Kit
Kit couples SLiME® Tire Sealant with a powerful air compressor to repair and fully inflate punctured tires on trailers. 48-piece kit includes: 24 oz. SLiME® Tire Sealant, Heavy-Duty 12-volt tire inflator with light and gauge; 16' coiled air hose; adapter for inflatables; rugged storage case; 10-piece tire tackle kit containing: valve cores, key valve core removal tool, and valve caps; 30 black plugs; T-handle reamer and plugger; tire gauge; alligator clips; and SliME® decal set.

(Qty. 2*) ***ACC-SLIM4-00-07*****



Power Sport Tire Inflator Repair Kit
Repair flat tires in 15 minutes or less. Kit includes: 12-volt 300 psi air compressor, 8 oz. Slime® Tire Sealant bottle, rugged carrying case, 8' main harness power cord, 18" power connection with fuse, alligator clips, 14" power connection with fuse, lighter adapter, 14" power connection with fuse, direct pre-wire, 18" air hose with quick-clip, tire pressure pencil gauge 10~ 50 psi and instructions. Compressor Measurements: 4.75"H x 3.875"W x 2"D Kit Weight: 2.6 lb. (approx.)

(Qty. 3*) ***ACC-SLIM1-00-05*****



Tubeless Tire Repair Kit
Includes plugs, tools, four CO2 air-pumping cartridges and a storage case.
ABB-ATVTR-RP-KT

** Ordered individually with a minimum order quantity*
***SLiME® is not intended for use in tires losing pressure from sidewall punctures, bead leaks, damaged rims, or faulty valves. SLiME® is recommended only for temporary flat tire repair; the tire should be permanently repaired or replaced as soon as possible (not more than 500 miles) or immediately if vibration occurs.*



Screwdriver Plug Kit
User-friendly, 6-piece kit includes: 0.41 oz. rubber cement tube, three extra strong tire repair strings, tire plugger and tire reamer. Note: will not work on sidewall punctures.

(Qty. 6*) ***ACC-SLIM2-30-12***



SLiME® Plug Pack with Cement
User-friendly, 6-piece kit includes: 0.41 oz. rubber cement tube and five plug strings.

(Qty 6*) ***ACC-SLIMA-43-02***



SLiME® Tire Sealant
Features Fibro-Seal® Technology and a viscous transportation system to seek out and tightly pack itself into punctures up to 1/4" or 6mm, preventing and repairing flats with a flexible, long lasting plug. Note: Formulated and tested for use in all pneumatic tires, but not recommended for those mounted on chrome wheels.

32 oz. Bottle (Qty. 6*) ***ACC-SLIM9-00-01*****



Tire Plug Kit Car and Truck
User-friendly, 8-piece kit includes: 0.41 oz. rubber cement tube, five plug strings, T-handle tire plugger and T-handle tire reamer. Note: will not work on sidewall punctures.

(Qty. 6*) ***ACC-SLIMA-43-01***

** Ordered individually with a minimum order quantity*

***SLiME® is not intended for use in tires losing pressure from sidewall punctures, bead leaks, damaged rims, or faulty valves. For street motorcycles, SLiME® is recommended only for temporary flat tire repair; the tire should be permanently repaired or replaced as soon as possible (not more than 500 miles) or immediately if vibration occurs.*

Detailing and Trailer Supplies



Low-Pressure Tire Gauge
Maintain proper pressure in tires with this easy to use gauge. Includes four standard black valve caps.

(Qty. 6*) ***ACC-SLIMA-11-01***



Mini-Magnetic Dial Tire Pressure Gauge
Maintain proper pressure in your tires with this handy, user-friendly magnetic gauge. Features shock-proof gauge housing.

(Qty. 8*) ***ACC-SLIM5-40-02***



Sport Digital Tire Gauge
Minimize tread wear, increase gas mileage, and improve handling by maintaining proper pressure in your tires with this LED-lit gauge with backlit digital display. Features auto shut off, reset button, ergonomic rubberized grip and low-to-high PSI, KPA and BAR.

(Qty. 4*) ***ACC-SLIM7-10-02***

** Ordered individually with a minimum order quantity*

Trailer Repair Supplies



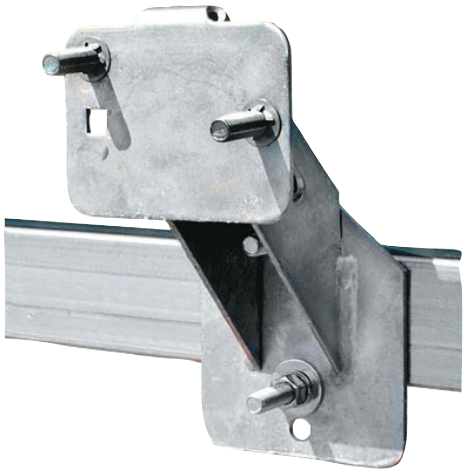
Brake Fluid
This high-quality hydraulic brake fluid meets DOT 4 specifications and is the only brake fluid currently recommended for use in Yamaha products.
8 oz. Bottle

(Qty. 12*) ***ACC-BRAKE-FL-UD***



3300 Lb. Hand Winch Strap
Marine winch strap with forged snap closure hook. Sewn loop for bolt placement in winching system. Strong 2"-wide black polyester webbing.

2" x 25' ***SBT-BOWST-RP-11***



Spare Tire Carrier
Zinc plated. Clamps to the trailer frame with no drilling. Uses same size lug nuts as stock trailer lug nuts. All necessary mounting hardware included. Fits all standard boat trailers.

SBT-SPARE-TC-08



1/4" Diameter 6' Self-Coiling Black Cable
Master Lock® 6' self-coiling black cable, 1/4" diameter. Cable is constructed from braided steel with a vinyl coating to prevent scratching or marring of surfaces. Self-coiling for easy use and storage.

(Qty. 2*) ***MSL-61DAT-00-10***

** Ordered individually with a minimum order quantity*

Detailing and Trailer Supplies



Led Trailer Light Kit

Upgrade your standard incandescent trailer lights with these waterproof LED lights. Includes four sonically sealed mini LED amber marker lights (designed to use the standard 2-prong plug), a stainless steel identification light bar with three sonically sealed red LEDs, plus two red Aero Pro LED taillights with all weather molded plastic housings and durable lenses. Taillights include stop, turn, tail, rear clearance, rear reflex, side marker, as well as side reflex stop functions, and the driver's side also includes a license plate illuminator. Designed to use existing trailer wiring. Includes four 3M™ Scotchlok® connectors and a butt connector. Installation instructions included.

SBT-TRLRL-ED-09



Speedy-Hitch Camera System™

Speedy-Hitch camera makes backing up a trailer safe and hassle free. With Speedy-Hitch wireless camera, hitching a trailer becomes a one-person task. Line up ball and hitch perfectly every time. Now you can easily see what's behind you when backing your truck, auto, or trailer. This portable camera can be used for marine, motorcycles, RVs, snowmobiles, SUVs, ATVs, and camper trailers. Speedy-Hitch Camera is great for reversing trailers into tight storage places. For even easier backing of a trailer use the "Reverse Image" button on the monitor. When you press the reverse image button the image you see in the monitor is now reversed. This can make backing easier because what direction you turn the steering wheel is the direction the trailer goes. Speedy Hitch camera works day and night with infrared technology. Installation requires no wiring because it is wireless. Both the camera and monitor include rechargeable batteries. The camera has a magnetic mount so no screws or fasteners are necessary. Stick it to your bumper, tailgate, or on the trailer itself. Remove when finished and store in carrying bag. The monitor features full color LCD 960 x 240 image. Two rechargeable lithium batteries, carrying bag and 12-volt charger are included.

SBT-HITCH-CA-M0

Locks and Security

Stainless 1/2"-5/8" Sleeved Barbell Lock

Master Lock® stainless steel barbell style receiver lock offers high security and a product that can withstand the elements. The barbell receiver lock has hardened receiver pins for increased sheer strength and a precision 4-pin tumbler locking mechanism resists picking. The stainless steel locking head with a covered key offers ultimate corrosion resistance and protection from moisture, dirt, and grime. Fits 1/2" and 5/8" receiver holes.

(Qty. 4*) ***MSL-1480D-AT-10***



Stainless 5/8" Extended Length Receiver Lock, 3-1/8"

Master Lock® Stainless Steel barbell style receiver lock features a Swivel Head™ design for easy access when locking and unlocking. This lock also has an extended length shackle (3-1/8" wide) that fits wider receivers for late model trucks including Ford® F-350®, Toyota® Tundra®, GM® Silverado®, Sierra®, and trucks equipped with HD towing packages. The barbell receiver lock has hardened receiver pins for increased sheer strength and a precision 4-pin tumbler locking mechanism resists picking. The stainless steel locking head with a covered keyway offers ultimate corrosion resistance and protection from moisture, dirt, and grime. Fits 5/8" receiver holes.

(Qt y. 4*) ***MSL-1469D-AT -10***



Stainless Adjustable Coupler Lock

Master Lock® Adjustable Trailer Coupler lock for latch- style couplers prevents tow away theft and keeps coupler latch secure while towing. The stainless steel lock and shackle, and covered keyway prevent rust and corrosion. Shackle adjusts to fit coupler latch widths of 5/8" (most standard couplers), 1", and 2".

(Qty. 4*) ***MSL-2847D-AT -10***



Chrome Swivel 1/2"~5/8" Sleeved Bent Pin Lock

Master Lock® bent pin receiver lock features a Swivel Head™ design for easy access when locking and unlocking. The stainless steel locking head with a covered keyway offers ultimate corrosion resistance and protection from moisture, dirt, and grime. The Swivel Head™ design also has hardened receiver pins for increased sheer strength and a precision 4-pin tumbler locking mechanism resists picking. Fits 1/2" and 5/8" receiver holes.

(Qty. 4*) ***MSL-2866D-AT -10***



** Ordered individually with a minimum order quantity*

Detailing and Trailer Supplies



Truck Bed U-Lock
Master Lock's® patented Truck Bed Security System locks and secures cargo to keep your gear right where you left it. Multiple mounting options that fit stake pockets, forward, and rear tie down rings. When locked, the truck bed u-lock cannot be removed from the truck. Steel body provides high security and long life and covered keyway protects lock mechanism from corrosion.

(Qty. 2*) ***MSL-8287D-AT-10***



Keyed Alike Lock Set
Master Lock's® Keyed Alike Lock Set addresses all trailer security needs. Set includes stainless steel adjustable coupler latch lock (2847DAT), Swivel Head™ receiver lock (2866DAT) and universal coupler lock (379DAT). Also includes a durable canvas storage bag.

(Qty. 2*) ***MSL-3794D-AT-10***



Armored Shackle Lock
Master Lock's® Armored hardened steel shackle defies cutting and the 1-9/16" laminated steel body for superior strength. It also has 4-pin tumbler cylinder which helps prevent picking while the shackle guard protects against bolt cutters and hacksaws. Can be used for securing trailers, cables, and chains. Fits openings ½" diameter or larger with the shackle guard in place.

(Qty. 4*) ***MSL-37D00-00-10***

** Ordered individually with a minimum order quantity*

Tie Downs and Straps



Yamaha Deluxe 2-Foot Transom Ties
Quality transom tie downs with an attractive price. Similar to what is supplied from the factory on Yamaha boats, these transom ties are made of 2" wide, weather-resistant polypropylene webbing with heavy-gauge, zinc-plated hardware and rubber coated "J" hooks to protect the transom of your boat. Oversized handle makes for easy locking and unlocking. Sewn-on hook-and-loop fasteners help secure the loose end of the strapping. Excellent for securing your Boat to the trailer at an affordable price. Sold in pairs.

SBT-TRNSM-TD-08



Yamaha Cam Buckle Tie Downs
1" x 6' tie downs with 1" cam lock buckle. Straps are rated for 400 lb. working and 1200 lb. break strength. (Sold in pairs.)

Black ***ACC-0SS58-40-27***

Blue ***ACC-0SS58-40-28***



Yamaha Ratcheting Tie Downs
1" x 6' tie downs with 1" rubber handle ratchet. Straps are rated for 400 lb. working and 1200 lb. break strength. (Sold in pairs.)

Black ***ACC-0SS58-40-29***

Blue ***ACC-0SS58-40-30***



3000 lb. Retractable Bolt-On Transom Tie Downs (2" x 4')
Erickson's new retractable ratchet solves the problem of excessive webbing. With this innovative tie down, only the webbing needed to secure the load is unrolled from the spring-loaded compartment. Once installed, the strap is then tightened like a normal ratchet. When not in use a strong return spring rolls the webbing up, similar to a seat belt or tape measure. Storage is so simple - no more piles of straps and webbing.

SBT-STERN-RS-11



Tie Down Extensions
Tie down extensions help to secure tie downs. Sold in pairs.

Short (9"), Black with White Yamaha lettering ***ABA-EXTEN-KT-YZ***

Long (15¾"), Solid Black ***ABA-TDEXT-EN-00***

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Tools



Metric Tool Kit
This handy metric tool kit contains the following: combo wrenches (8, 10, 12 and 14mm), 8" adjustable wrench, locking wrench, 4-way Phillips/ standard screw driver, Allen wrenches (#3, #4, #5 and #6), spark plug wrench, spark plug gap gauge, black electrical tape, WD-40®, tire pressure gauge, zip ties, wire, rag and a handy zippered storage case.

ABA-METRC-00-00



DMX™ Fanny Pack Tool Kit by CruzTOOLS®
This is the ultimate off-road tool kit. Complementing the long list of tools and other items is a stout and functional pouch using a super-tough 5040 denier nylon shell, top grade hardware and zippers, plenty of storage including a unique mesh cash and document pocket and key clip. The large assortment of tools was selected specifically for trail use. With the DMX™ , you're ready to roll!

ACC-0SS58-40-64



RoadTech™ M3 Metric Cruiser Tool Kit by CruzTOOLS®
The RoadTech™ M3 is aimed at cruisers but it's equally at home on touring bikes, sport bikes, standards and quads. Put this in your fork bag, tank bag, or saddlebag and you'll be ready for just about anything the road will throw at you. The comprehensive tool set comes in a convenient roll-up pouch and includes mini ratchet and sockets, combination wrenches, locking pliers, adjustable wrench, 6-in-1 screwdriver, LED flashlight, tire gauge, hex keys, and much more!

ACC-0SS58-40-65



Wrench Set
This high-quality wrench set is precision-crafted from special alloy steel for strength and finished in a polished nickel-chrome for corrosion resistance and a distinctive look. Five-piece set includes 8, 10, 12, 14 and 17mm combination wrenches and a convenient tool bag.

DBY-ACC58-41-52

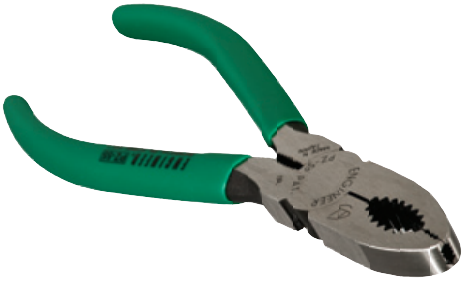
Pliers Set
This three-piece set includes side cutters, needle nose, and standard pliers. Each tool is built with control, comfort, power, and durability in mind. Cold forged from special alloy steel for increased strength from top to bottom. Features include contoured handles with comfortable grips that give you the leverage you need, joints that are positioned close to the cutting edge, making it easier to cut heavy wire with less fatigue, and tapered blades that give you more power around the joint and more control at the tip. Set carries the Yamaha lifetime limited warranty.

DBY-ACC58-41-50



Grip Nose Pliers
These pliers are a great addition to every toolbox. The unique monster-like teeth on the end of the jaws are shaped to grip damaged screw heads for easy removal. It is also ideal for gripping the back side of the rivets to prevent spinning when drilling them out. The rubberized grips are comfortable and cold forged jaws mean these pliers are built to last.

MTS-TLSKT-01-07



PowerDrive™ Sliding T-Driver with 8-Piece Socket Set by CruzTOOLS®
The PowerDrive™ Sliding T-handle set Includes a 3/8" tip driver, 8, 10, 12, 14, and 17mm sockets, 5 and 6mm hex bits and a #2 Phillips screwdriver bit. A socket clip that attaches to the driver keeps the sockets in order and a rugged vinyl pouch keeps the tools protected.

ACC-0SS58-40-67



3/8" Drive Metric Hex Bit Socket Set by CruzTOOLS®
The CruzTOOLS® metric hex socket bit set handles virtually all of the hex needs for powersport vehicles. All sockets are 3/8" drive for compatibility with the most common ratchet and T-drivers. The quality is comparable to top professional tools, made from a heat-treated chrome vanadium alloy that exceeds ANSI® specifications. The set includes a rail with handle to ensure sockets remain organized no matter where you are. Sizes are shown in a "reverse" laser imprint for easy identification. The eight piece socket set includes all the sizes you'll need ranging from 2.5mm through 12mm.

ACC-0SS58-40-63



Outback'r M14™ Metric Multi-Tool by CruzTOOLS®
Function, space, and value converge in this nifty unit! You'll get 14 tools – four hex keys (3, 4, 5, and 6mm), two screwdrivers, a socket driver with 8, 10, and 12mm sockets, 13 and 14mm open-end wrenches, and three spoke wrenches – all in a nine ounce unit that's only 3.5" long. Except for the sockets, there are no loose pieces to put together for operation and at only 3.5" long it is very compact.

ACC-0SS58-40-66





5/8" Spark Plug Socket
The thin wall design of the socket fits in tight spaces and can be turned using either 14mm wrench or standard 3/8" ratchet. The set also includes a unique two-step extension that can be used in either a swivel or fixed position and can be turned with a bar, 14mm wrench, or standard 3/8" ratchet.

MTS-TLSKT-02-02



3-Way "T" Wrench
Great for travel, and/or working at home, this "T" style wrench contains #8, #10, #12mm 6pt sockets, all in one handy tool.

ABA-3WAYT-00-00



Oil Filter Wrench
This stamped steel, chrome plated filter wrench makes removing oil filters a breeze. Simply place the wrench over the end of the filter and turn it using either a 3/8" ratchet or 17mm wrench. Two sizes will cover all of your Yamaha spin-on style filters. For 3FV and 5GH Yamaha Oil Filters

MTS-TLSKT-02-09



T-Handle Allen Set
Allen T-handle set comes with 2.5, 3, 4, 5, and 6mm sizes. Also comes with a vinyl carrying pouch.

ABA-THNDL-AL-ST



Screwdriver Set
All of the screwdrivers in this five-piece set are made of heat-treated alloy steel to prevent chipping and rounding of the tips. The bi-mold rubberized grips are comfortable and allow you to maximize torque. Set includes two flathead and three Phillips tip screwdrivers. Set carries the Yamaha lifetime warranty.

DBY-ACC58-41-51



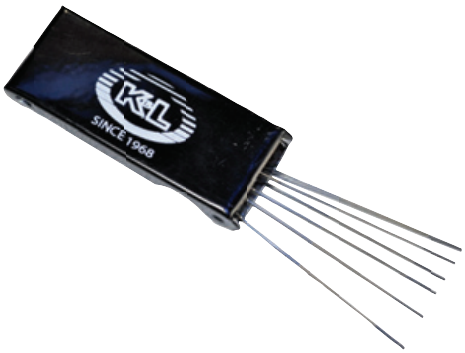
Spring Hook Puller
This handy tool is great for removing exhaust pipe springs, seat or tank holding springs, cotter pins, side stand springs, and other parts.

MTS-TLSKT-05-01



Safety Wire Pliers
Safety wire pliers are a must for every serious racer's tool box. These are manufactured from high-quality tool steel and allow you to grip, cut, twist the safety wire in one quick motion. The safety wire (sold separately) is high quality, 0.032"- diameter stainless steel and conforms to AMA® tech specifications.

MTS-TLSKT-01-05



Jet Cleaning Tool
These precisely machined rods are sized to allow you to clean out carburetor jets without causing damage. A very handy tool for regular carburetor maintenance.

MTS-TLSKT-04-03

Dealership and Show Supplies



Yamaha Roll Cart
This handy roll cart lets you move easily around your bike while you are putting on your Yamaha accessories. Conveniently holds your tools while you work.

Blue/Black ***SMA-RLLCA-20-00***

Red/Black ***SMA-RLLCA-00-RD***



Yamaha Racing Counter Stool
This stool is perfect for counters, bars and tall tables. Blue seat. Two-ring, non-swivel. Screened logo.

Stool with out backrest ***BRI-COUNT-ER-ST***

Stool with backrest ***GCR-06CSB-RY-NS***



Yamaha Complete Shade Tent by Pro-Wheel
Polyester top blocks 99% of harmful UV rays and is water and fire-resistant. Made of durable steel with a rust-resistant frame, easy-to-use pin sliders and adjustable legs that allow for height options. Comes with a handy carrying bag and stakes. Shade tent comes with white top that features red Yamaha logos. Different individual tops also available (sold separately):

Complete Tent ***GCR-YAMTE-NT-RD***

Replacement Top ***GCR-YAMTE-OP-RD***

Frame Only ***GCR-YAMTE-FR-ME***



Yamaha Balloons (Red/White)
Add a festive touch to any event with these fun 11" balloons. Assortment of red and white balloons. Screened logo. Sold in package of 50.

Red/White ***BRI-BALLO-ON-RD***



Banners

3' x 6', Yamaha Red Logo	BRI-BANYA-RD-36
3' x 10', Yamaha Red Logo	BRI-BANYA-RD-SM
4' x 2' Yamaha Red Logo	BRI-BANYA-RD-42
4' x 16', Yamaha Red Logo	BRI-BANYA-RD-LG
3'x6', Yamalube®	BRI-YAMAL-BN-NS



Pennants

Triangle 12" x 18" x 30', Yamaha Red Logo	BRI-PENNA-TR-RD
Rectangle 12" x 18" x 60', Yamaha Red Logo	BRI-PENNA-RT-RD
Rectangle 12' x 18' x 60', Yamalube®	BRI-YAMAL-PN-NS





Trailer Tongue Covers
Draw attention to your displays at shows or in your show room while helping protecting your customers from hitting their shins on exposed trailer tongues.

10 Pack ***ACC-TONGU-GA-RD***



Yamaha Floor Mat
This bold floor mat/rug is perfect for decorating your shop, trailer, garage, or rec room. Features "Yamaha" in bold red lettering.
3' x 5', Black/Red ***SMA-YAHRG-00-00***



Yamaha Lip Balm
Contains Vitamin E and Aloe to heal and protect your lips. 100% vegan lip balm; no animal testing.
GCR-09LIP-BA-LM



Yamaha Sweatband
Black sweatband features an embroidered Yamaha logo.
Black ***GCR-09WRS-BK-OS***



Yamaha Lanyard
Yamaha lanyard features a bold Yamaha corporate logo. Take apart buckle at the top of lanyard and detachable J-hook.
(Qty. 10*) ***GCR-LANYA-RD-NS***



Yamaha Racing Umbrella
Protect yourself from the elements. This umbrella opens to a 60" arc, has a windproof frame, wooden shaft and handle. Alternating royal and white panels, with a blue Yamaha Racing logo screened on each white panel.
60" arc

Blue/White ***BRI-UMBYR-BL-A0***



Yamaha Racing Umbrella by ONE Industries®
Nylon umbrella with screenprinted graphics. Yamaha Licensed Product.

Blue/ White ***GCR-12YMB-BL-NS***



Yamaha Mini Umbrella
Mini umbrella with fabric case.

Black ***GCR-11UMR-BK-NS***

Key Chains



Key Floats
60 count key chains that come with a handy pop box.

SBT-KEYFO-BK-10



Yamaha Tuning Fork Key Chain
Rectangular rubber key chain features the Yamaha Tuning Fork logo.

(Qty. 5*) White / Red ***GCR-09KTF-RD-NS***

(Qty. 5*) Black / Red ***GCR-09KTF-BK-NS***



Yamaha Slimline Key Light
Slim and compact key light, press the button to activate the LED light. Includes 1 button cell battery, inserted.

Red ***GCR-09KEY-LG-HT***



Yamaha Map Reading Flashlight
Flashlight key ring with Yamaha logo print.

Blue ***SMA-FLASH-LT-00***



Marine Floating Key Chain
If you carry your keys with you around the water you'll one of these key chains.

Blue ***MAR-KEYCH-AI-NC***

Red ***MAR-KEYCH-AI-ND***



Marine Key Chain
Carry your keys and change with you around the water with added peace of mind.

MAR-KEYCH-AI-NB



Yamaha Separating Key Chain
Holds your keys and separates for added convenience.

GCR-09YAM-SE-PC



Yamaha Color Key Tag
Acrylic color trim with polished chrome center and split ring key tag.

Red ***GCR-09KEY-RD-NS***



Drink Ware



Yamaha Travel Tumbler
Black 16-oz stainless steel tumbler with a carbon fiber design. Fits all standard car cup holders. Hand wash only; not dishwasher or microwave safe.

Black ***GCR-11MUG-BK-NS***



Yamaha Bistro Coffee Mug
Show your Yamaha pride with this 15 oz. bistro-style coffee mug.

Black ***GCR-09MUG-BK-NS***

White ***GCR-09MUG-WH-NS***



Yamaha Engine Mug
12-oz. coffee mug.

Black ***GCR-11MEG-BK-NS***

Yamaha Water Bottle
This compact sports bottle holds up to 20.8-oz and is made of durable polycarbonate. Hinged cap design. Features the Yamaha Tuning Fork logo.
Red ***GCR-STBOT-RD-NS***



Covered Can Cooler By Kooltop™
These unique can coolers are made of top-quality neoprene and feature top flap covers that are secured by a Velcro® closure to help keep out dirt, blown sand, and flying insects. Screened Yamaha logo. (Qty. 4*)
Blue: ***GCR-CANKO-OZ-YR***
Red: ***GCR-CANKO-OZ-RD***



Yamaha Koozie® Can Cooler
The Koozie® can cooler insulates a beverage to stay cold three times longer than a can without insulation. Screened logo.
Black ***GCR-KOOZI-E0-BK***
Red ***GCR-KOOZI-E0-RD***



Anchors



Boat Sand Stake Kit
If you would like to anchor your Yamaha boat on a sandy beach, simply screw the stake into the sand, remove the handle, and attach the 25 feet of heavy-duty rope. A storage bag is also provided.

MAR-SANDS-TK-KT



Yamaha Heavy-Duty Boat Anchor Kit
This anchor kit is specifically designed with the larger boats in mind. This kit includes an 11-lb., vinyl-coated anchor and chain which helps prevent corrosion as well as scratched hulls. A 100-foot rope with a snap hook is included along with a convenient storage bag.

MAR-ANCHR-KT-00



Complete Folding Grapnel Anchor Kit
This complete anchor system is in a class by itself. The 3-1/3 pound 4-fluke folding anchor will hold in mud, sand, gravel, and rock. It's designed for temporary mooring of small boats, sailboats, personal watercraft, inflatable boats, canoes, and float tubes. The anchor is coated to protect finishes. The durable nylon storage case is padded for added protection and to dampen noise while the anchor is stowed. Fits under most boat seats. The 25 ft. long marine-grade rope, with an in-line buoy, is spliced to the anchor and a heavy-duty stainless steel snap hook.

MWV-A2000-00-10



Mushroom Anchor
This 8-lb. mushroom anchor comes with 15 feet of nylon rope, a high visibility plastic float, and a plastic clip. This setup is perfect for anchoring in shallow water.

MAR-ANCHR-MR-08



Soft-Style Anchor
Popular, easy-to-use anchor bag system. Simply fill the anchor bag with heavy objects such as rocks or sand and close with the plastic, noncorrosive zipper. Includes a 10 foot polypropylene rope and a sturdy float and snap. Easy to store when not in use.

MWV-ANCHR-BG-00



Richter Tri-Fluke Design
The tri-fluke design of this river anchor allos the flukes to pentrate the river bottom in soft and moderate conditions, ot to engage rocks and structure in rivers and current. The river anchor is a great all-purpose anchor for lighter craft, or a great second anchor. Weight: 20lb

Black SBT-520BK-20-12
Red SBT-520RD-20-12
Blue SBT-520BL-20-12



Greenfield Stretch N' Slide® Multi-Loop Versatile Dock Line
Without question, Stretch N' Slide® is the world's most versatile and easy to use dock line. Innovative multi-loop bungee allows a perfect fit for any span to 7'. Simply place the end loop over a cleat, then stretch and tighten down the slider, and, finally, select the appropriate loop to place over the second cleat. Stretch N' Slide® makes docking quick and easy for any craft from PWC to large boats. Stretch N' Slide® is also the ultimate solution for rafting boats together for a party chain. Shock-absorbing bungee allows an entire chain of boats to move and flex together with ease. Temporary docking only.

SBT-SNSLN-00-12



PWC Anchor
This anchor is designed for those needing an anchor without the hassles of carrying large heavy ones. This anchor attaches easily and is designed to be hand set. Includes 15 feet of heavy-duty line. Stores in its own handy bag.

MWV-ANCHR-WR-00



Beach Stake
The beach stake is a perfect way to keep your PWC tied to the shore. Screw the stake into the ground, and you have 15 feet of line to tether your PWC . It is easy to store and take along.

MWV-BEACH-AN-CR



PWC Sand Stake Kit
If you would like to anchor your PWC on a sandy beach, this is the easiest and most convenient way. Simply screw the stake into the sand, remove the handle, and attach the 15 feet of heavy-duty line. A storage bag is also provided.

MWV-SANDS-TK-KT



Boat Anchor Kit
This Yamaha Boat Anchor designed specifically to fit the anchor storage of your boat. Kit includes a galvanized 10-Danforth® style anchor a 6-foot chain shackled 100 feet of standard nylon rope that's sinkable for convenient setting.

SBT-ANCHR-KT-08

Fenders



Yamaha Fenders
These high-quality fenders help to protect the boat when secured to the dock or another boat. These come equipped with four feet of rope. (Sold individually.)

16" White ***MAR-FENDR-WH-16***
16" Blue ***MAR-FENDR-00-16***
20" White ***MAR-FENDR-WH-20***
20" Blue ***MAR-FENDR-00-20***
23" White ***MAR-FENDR-WH-23***



HULL HUGR's™ Contour Fender
Traditional round fenders tend to roll up, leaving your boat unprotected. They're also bulky to stow. Boats with step down gunwales are especially vulnerable to damage from docks. HULL HUGR™ Contour Fenders stay put and stow conveniently under boat seats. They hinge to wrap around the gunwale and hull, following the contours of the boat. All HULL HUGR™s are constructed of a durable marine grade tri-laminate cover, with closed cell foam inside. There's a tough polycarbonate grommet at each end for hanging from cleats. (Sold Individually.) 24" long x 6" wide x 2 1/2" thick

Blue ***SBT-HH1C0-00-10***
White ***SBT-HH1CB-00-10***
Black ***SBT-HH2CW-00-10***



Hull Hugr™ Xl Contour Fenders
Traditional round fenders tend to roll up from contact with docks, leaving your boat unprotected. They're also bulky to stow. Boats with step down gunwales are especially vulnerable to damage from docks. HULL HUGR™ Contour Fenders stay put and stow conveniently under boat seats. They hinge to wrap around the gunwale and hull, following the contours of the boat. All HULL HUGR™s are constructed with a tough marine grade rip proof trilaminate cover, with closed cell foam inside. Durable polycarbonate grommets at each end allow you to hang them from cleats. (Sold Individually.) (30" long x 6" wide x 4" thick)

Blue ***SBT-HH30C-00-10***
White ***SBT-HH30C-B0-10***
Black ***SBT-HH30C-W0-10***



Yamaha 24-Inch Boat Contour Fender
These contour fenders stay put and stow conveniently under boat seats. They hinge to wrap around the gunwale and hull, following the contours of the boat . Constructed of a durable marine grade tri-laminate cover, with closed cell foam inside. There's a tough polycarbonate grommet at each end for hanging from cleats. (Sold Individually. 24" long x 6" wide x 2-1/2" thick)

Blue ***MAR-HHFND-ER-BL***

Black ***MAR-HHFND-ER-BK***



No-Slip™ Fender Straps
No more tying and untying knots! Attach boat fenders to rails and cleats quickly and securely with these fender straps. The No-Slip™ pads sewn to the underside of the straps minimize sliding along rails. Easily adjust the length in seconds from 6 inches to 40 inches to fit most boats and docking situations.

(Set of 2.) ***MAR-FNDRS-TR-AP***



Suction Cup Fender Straps
Great for Boats and Personal Watercraft. Attach your boat fenders exactly where you need the protection. Giant 3-1/4" suction cups attach to gelcoat or windshields quickly and easily. Perfect for most boats and personal watercraft where cleats never seem to be where you need them. Durable 1" wide straps adjust up to 24" long. Fenders not included.

(Set of 2.) ***SBT-SF1C0-00-10***

Ropes and Dock Line



Airhead® Bungee Dock Lines

AIRHEAD® Bungee Dock Lines absorb shock to boats, cleats, docks, pylons and other hardware. The bungee cord is hidden inside the rope and acts as a built in snubber. Two foam floats help protect the boat from chafing. There's a sliding adjustment at both ends for quick docking. Recommended for docking boats up to 4000 pounds. Tensile strength is 2150 pounds. Black/Blue/Red color scheme. (Sold Individually.)

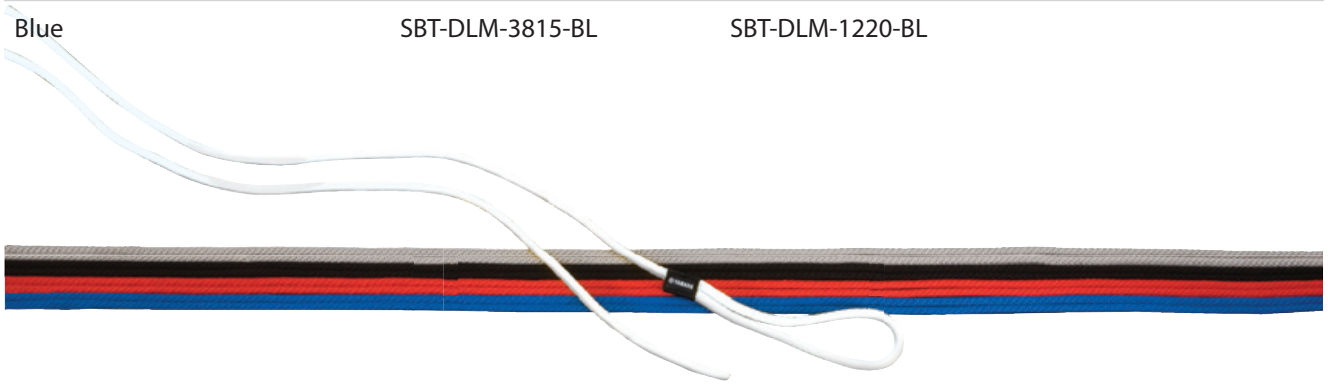
4 ft., stretches to 5 1/2 ft. ***SBT-AHDL4-00-10***

6 ft., stretches to 9 ft. ***SBT-AHDL6-00-10***

Dock Lines

These dock lines are made of multi-filament, solid braid polypropylene. Floats if accidentally dropped in water and resists salt water, oil, gas, UV rays, and mildew. (Sold individually.)

	12 Foot 3/8 in. Diameter	15 Foot 3/8 in. Diameter	20 Foot 1/2 in. Diameter
Yamaha Branded			
White	MWV-DLINE-12-WH	SBT-DLINE-15-WH	SBT-DLINE-20-WH
Silver	MWV-DLINE-12-SL	SBT-DLINE-15-SL	SBT-DLINE-20-SL
Black	MWV-DLINE-12-BK	SBT-DLINE-15-BK	SBT-DLINE-20-BK
Red	MWV-DLINE-12-RD	SBT-DLINE-15-RD	SBT-DLINE-20-RD
Blue	MWV-DLINE-12-BL	SBT-DLINE-15-BL	SBT-DLINE-20-BL
Non-Branded			
White	SBT-DLM-3815-WO	SBT-DLM-1220-WO	
Silver	SBT-DLM-3815-SO	SBT-DLM-1220-SR	
Black	SBT-DLM-3815-BK	SBT-DLM-122-0BK	
Red	SBT-DLM-3815-RD	SBT-DLM-1220RD	
Blue	SBT-DLM-3815-BL	SBT-DLM-1220-BL	





Fender Line
5 feet long, Blue.

MAR-FENDR-LN-BL



Yamaha Rope Float
This rope float can be used to create a custom rope to suit your own personal needs.

(Sold individually.) ***MAR-ROPEF-LO-AT***



Yamaha Rope Clip
This rope clip can be used to create a custom rope to suit your own personal needs.

(Sold individually.) ***MAR-YROPE-CL-IP***



Wrap It Up!™ Rope Wraps, 3 Pack
We've all struggled with organizing extension cords, hoses, and wires. People with boat slips know the challenges of managing utility cords. WRAP IT UP!™ to the rescue! You'll find 100's of uses for these 12" long hook and loop wraps. The hook and loop fasteners are sewn to durable 12" x 1" webbing and reinforced with a bar tack at each end. A cord is sewn onto WRAP IT UP!™ for hanging items from peg hooks.

Set of 3 ***SBT-WR123-00-09***

100 per counter top/shelf display, assorted colors. ***SBT-WR121-00-10***



1~2 Rider Tube Tow Rope
This tube tow rope has two sections, giving you the option to be either 50 or 60 feet behind the boat depending on wake and water conditions. The prestretched, UV-resistant 7/16" diameter 16-strand rope exceeds the 2375 lb. break strength required by the WSIA f or 2-rider tubes. A rope keeper is included for convenient storage.

Blue ***MAR-TUBER-OP-06***

Red ***SBT-TUBER-OP-10***



Airhead® 2 Rider 2-Section Tube Rope
This tube tow rope has 2 sections, giving the option to tow the tube either 50 or 60 feet behind the boat depending on wake and water conditions. The prestretched UV-resistant 7/16 inch diameter 16-strand rope exceeds the 2375 pound break strength required by the WSIA for 2-rider tubes. A rope keeper is included for convenient storage.

SBT-AHTR2-20-00



Airhead® Deluxe 4- Rider Tube Tow Rope
This heavy-duty 16-strand 9/16 inch x 60 foot tube tow rope is rated at 4150 pounds tensile strength! Engineered to pull the big 3 and 4-rider tubes, this rope will stand the test of time. It has a unique Rasta color scheme with a 6-inch loop spliced at each end. A rope keeper is included for tangle free storage.

SBT-AHTR4-00-10



Airhead® 75 Ft. 1-Section Ski Rope
A high quality 1 section ski rope for skiing, wakeboarding and kneeboarding. The 12" aluminum core handle has a performance "Tractor" grip and molded finger protectors. You'll love the blue and white candy stripe color scheme of the UVtreated 16-strand rope. A rope keeper is included for tangle-free storage.

SBT-AHSR7-50-10



Airhead® Kwik-Connect™ Tow Rope Connector
Conveniently attach and detach tube tow ropes to towables with Airhead's® Kwik-Connect™. There's no need to thread 60 feet of rope through the tow strap each time you connect or disconnect a tow rope. The high-impact Kwik-Connect™ has a 1-inch diameter hole to accept up to 6000 lb. break strength tube ropes. Recommended for 1- to 4-rider towables that are not equipped with Kwik-Connects™.

SBT-AHKC1-00-09



Emergency Tow Line
Tow line consists of a 15-foot long tow line with a nylon quick connect at each end that allows fast, easy hook-ups. For slow-speed emergency towing only.

MWV-TOWLI-NE-15



Ski Rope Floats
Developed to help keep ski ropes away propeller on your boat or to help prevent them from being ingested by the pump. Run your ski rope through the middle of the nylon-covered, closed-cell foam tube before attaching to the tow eye. Yamaha logo silk-screened on one side.

48" Black ***MAR-RPFLT-BK-48***
48" Blue ***MAR-RPFLT-BL-48***
24" Black ***MAR-RPFLT-BK-24***
24" Blue ***MAR-RPFLT-BL-24***



Yamaha Wakeboard Rope
This wakeboard rope has a head-turning 15-inch “squid” patterned EVA wrapped grip with a floating aluminum core. The 5/16 inch, 16-strand, UVtreated low-stretch PE rope has three sections for wakeboarding at 45, 55, or 65 feet. Full-length finger guards help create a comfortable split finger grip. A rope keeper is included for tangle free-storage.

MAR-DLXWK-RP-06



3~4 Rider Tube Tow Rope
This 4-rider tube tow rope has 2 sections, giving you the option to tow either 50 or 60 feet behind the boat depending on wake and water conditions. The pre-stretched UV-resistant 5/8" diameter 16-strand rope exceeds the 4150 pound break strength required by the WSIA for 4-rider tubes. A 6" foam float is provided for extra buoyancy. A rope keeper is included for convenient storage.

SBT-TUBER-P0-07



Yamaha 4-Section Performance Water Ski Rope
This 75-foot long r ope has four sec tions (40', 10', 10', 15') to meet the needs of skiers and riders of all skill lev els. The 13" aluminum c ore handle has a performance EVA “amoeba” grip and full-length molded finger protectors. Top quality UV-treated 16-strand 1600 lb. tensile strength rope. A Rope Keeper is included f or tangle-free storage.

SBT-SKRP0-00-07



Centering Tow Harness
This 3000-pound-tensile-strength tow harness is perfect for pulling skiers and wakeboarders, as well as 1- or 2-rider towables. A stainless steel pulley glides along the length of the rope to provide the optimum pull at all times. Simply clip it onto your boat with the 5000-pound-tensile-strength hooks provided, and attach your ski or tube rope to the heavy duty Kwik-Connect™. The 6" float keeps the Kwik-Connect™ floating. It's 12' long to fit pontoon and larger boats.

SBT-AHTH3-00-09



Airhead® Tow Demon™
Airhead®'s Tow Demons™ are new higher strength versions of a classic and very popular water sports tow harness. The high impact molded plastic float/ pulley system allows for easy attachment of ski ropes, wakeboard ropes and tube ropes. Connect Tow Demon™ quickly and easily to boats with the 2 large corrosion-resistant snap hooks. Available in vinyl jacketed steel cable and floating rope versions. Recommended for recreational water skiing, wakeboarding, kneeboarding, and towing 1 rider tubes.

8 ft. cable ***SBT-AHTH6-00-10***

12 ft. cable ***SBT-AHTH7-00-10***



Yamaha Dyneema® Pro Wakeboard Rope
Wakeboard like the pros with Yamaha's coated, zero stretch, thermal Dyneema® wakeboard rope. Features a 15-inch textured EVA foam grip with aluminum core for superior strength and comfort. up of five sections including the handle: 5 ft. + 5 ft. + 5 ft. + 50 ft. + 5 ft. for a total 70ft. length. Includes foam floats and a rope keeper that feature exclusive Yamaha logos.

SBT-PROWK-RP-08



Airhead® Dyna-Core Wakeboard Rope
An Airhead® exclusive, this wakeboard rope has the small diameter look of Spectra or Dyneema®, the ultra low stretch too, but at half the price! Only a professional can notice the difference. The 70-foot wakeboard rope has 3 take-offs in the mainline and a 5-foot handle bridle (5, 50, 5, 5, 5). The 15-inch wide EVA grip is eye catching, provides a great grip. A rope keeper is included for tangle-free storage.

SBT-AHWR6-00-10



Airhead® Wakeboard Rope
This wakeboard rope has a he ad-turning 15" squid patterned EVA-wrapped grip with a floating aluminum core. The 5/16", 16-strand, UV treated low stretch buoyant rope has three sections for wakeboarding at 45', 55', or 65' (45', 10', 10'). Full length finger guards help create a comfortable split finger grip. A rope keeper is included for tangle-free storage.

SBT-30010-AH-WR



Hyperlite® Chamois Handle With X-Line
The Chamois Handle package is the best value on the menu: a comfortable grip, bright and easy-to-see colors, a lightweight performance line, and you're ready to rip. Foam buoyancy plugs, embroidered chamois-style grip, ARS (Anti-Roll System), and 15" bar length. Available with a 70' X-Line.

Green SBT-HLCHM-GR-13

Blue SBT-HLCM-BL-13

Orange SBTHLCHM-OG-13



Hyperlite® Surf Rope
The Accurate Wakesurf Rope is a fully floating, thick braided, easy-to-grab surf rope that will enhance your session and spare your wakeboard rope from unnecessary knots. 10" model EVA handle, thick braided rope, four foam floats in 2' increments. 20' total length.

SBT-HLSRP-BL-13

Tubes



Yamaha 1~2 Rider Deck Tube
This 58" (deflat ed size) round deck tube is one hot ride, built t o last, and a gr eat value. The rugged 30-gauge PVC bladder is completely covered by a double-stitched 840D nylon cover. Two topside neoprene panels ar e strategically placed for comfort. It's equipped with four deluxe handles with neoprene knuckle guards, a convenient Kwik-Connect™ for easy hook-ups and a Boston valve for quick inflating and deflating. Also offers a boarding strap for easy boarding from the water. Designed for 1 or 2 riders up t o a total of 340 pounds.

SBT-DTUBE-58-11



Yamaha 2-Person Cockpit-Style Tube
Yamaha's 2 person cockpit style tube is designed to be lots of fun. The bottom is shaped like a boat hull which is the key to the unparalleled lively ride. It has comfortable inflated floors, durable 30 gauge bladders that are completely encased in durable double stitched nylon. The nylon wrap handles have neoprene knuckle guards for comfort and an EVA "Indy Cap" covers the Boston valve. It's also equipped with a heavy duty Kwik-Connect™ for easy and secure hook ups. Measures 69" x 67" (deflated). Designed for 2 riders up to a total maximum weight of 340 pounds.

MAR-CKPIT-TB-11



Yamaha 2~3 Rider Deck Tube
This high performance 3-rider towable has fins on the top, to help riders stay on the tube and out of the water. The six deluxe nylon-wrapped with neoprene knuckle guards provide a sure and comfortable grip. It measures 74" x 64" (deflated) and is equipped with a heavy duty Kwik-Connect™ for easy and secure hook-ups. The tough 30-gauge virgin PVC bladder is fully covered with an 840D double stitched nylon cover for years of service. A Boston valve provides the ultimate in inflation and deflation convenience. Designed for up to 3 riders up to a total of 510 pounds.

SBT-DTUBE-3P-10



Airhead® Viper™ 3-Person Cockpit Tube
Cockpit-style towable. Bottom is shaped like a boat hull for a great ride. Viper™ is especially popular with children who can sit comfortably on the inflated floors inside the cockpits. 30-gauge bladders are completely encased in durable double-stitched nylon. No exposed PVC. Striped nylon wrap handles have neoprene knuckle guards for comfort. EVA "Indy Cap" covers the Boston valve.

Red/Black/White. ***SBT-AHVIF-30-09***

Yamaha Torpedo Tube

Climb on, hang on and have some serious fun! The Yamaha Torpedo Tube is built t o last; the 30-gauge PVC bladder is completely covered in double stitched 840D nylon, with no exposed vinyl. It has two deluxe handles with neoprene knuckle guards and seat pads. The Boston valve is easily accessible, for quick inflating and deflating. Size: 76" long x 44" wide. Designed for 1 or 2 riders up to a total of 340 lb.

SBT-TOR PE-DO-11



Yamaha U-Shaped Tube

Carve turns with a tube? With this steerable, 1-rider tube, simply lean in the direction you want to turn and pull on the opposite handle. The plastic fins sewn onto the side of the cover do the carving. It is so much fun that you'll want to ride it all day long! You just might be able to, since it's so easy to re-board with the open back design, a feature that little ones and tired adults really appreciate. Tube is fully covered with rugged 840D, double-stitched nylon cover, making it torsionally rigid to respond to rider's commands. Tube is 48" x 50" and equipped with four deluxe nylon-covered handles with neoprene knuckle guards. Designed for 1 rider up to 170 lb.

SBT-USHAP-ED-11



Yamaha Dual Tow-Point Tube

This next-generation Dual Tow-Point Tube for 1 or 2 riders has an innovative backrest and comfortable air-cushioned side walls to help keep you onboard around every whip and turn. Dual tow points allow for two completely different riding experiences. Sit, lay, stand, or kneel while towing forwards like a deck tube or back wards like a chariot. Tons of double-webbing foam handles with knuckle guards and EVA foam seating pads provide a comfortable ride that will keep you coming back for more. This uniquely shaped classic towable features a heavy gauge PVC bladder and double-stitched full nylon cover with all new custom graphics. Multi-functional, whether it 's providing a unique towable riding experience or making the perfect lounge at any pool, beach, lake, or river. Designed for 1 or 2 riders up to a total of 340 pounds.

SBT-DUALT-OW-11





Airhead® Storm II™

Airhead® Storm II™ is truly a state of the art towable. No other 2 rider towable provide this unparalleled combination of excitement, stability and comfort. Storm's™ wide wingspan and thick front profile allow it to glide effortlessly across big wakes. A neoprene seat pad is provided for each rider. Nylon wrapped handles with neoprene knuckle guards ensure a great grip. The durable RF welded 30 gauge PVC bladder is fully covered by rugged double-stitched 840 denier nylon. When it's time to relax, STORM II™ doubles as the world's most comfortable floating lake couch! 86" x 75" (deflated).

SBT-AHST2-00-10



Airhead® Cool Island™

The Airhead® Cool Island™ is the perfect place to chill out or party with friends. You can choose between tanning the roomy sun deck or cooling with a splash in the mesh area. Four drink holders and a sundry holder for storing suntan lotion and other small items are conveniently located between the wet and dry areas. The boarding platform makes it easy to climb onto, even from deep water. Three handles attached to the sides make for easy carrying and anchoring. Designed for up to 6 adults.

SBT-AHCI1-00-09



Airhead® Hot Shot™

Come on hot shot, show us what you've got! If you like air time, you won't be disappointed! Hot Shot™, Airhead's® 57 in. (deflated) round deck tube is one hot ride, built to last and a great value. The rugged PVC bladder is completely covered with a double-stitched nylon cover. The thin profile makes it easy to climb onto from the water. Hot Shot™ has 4 deluxe handles with neoprene knuckle guards and is equipped with a Boston valve for quick inflating and deflating.

SBT-AHHS1-00-10



Airhead® Slice®

You'll really slice up the water with this 58 in. diameter (deflated) low profile towable! Peak performance is guaranteed with Slice's topside neoprene panel, 4 nylon-wrapped handles and neoprene knuckle guards. The durable 30-gauge virgin PVC bladder is fully encased by a double-stitched nylon cover with a reinforced internal tow harness. Slice® is equipped with a super-convenient Kwik-Connect™ for easy hook-ups and a Boston valve for fast inflating and deflating. It's easy to climb onto SLICE® from the water; it's tapered to only 6" high at the back. Designed for 1 or 2 riders.

SBT-AHSL4-W0-10

Airhead® Matrix™ 3-Person Tube

The Airhead® Matrix™ V-3 tube offers fast and fun action on the water. When riders shift their weight to the sides it responds instantly, rolling way up the edge and cutting across the wake. It includes 6 deluxe handles with EVA-molded knuckle guards for a sure grip and 2 oversized neoprene pads that help protect knees and elbows. Designed for 3 riders.

SBT-AHMXV-30-09



Airhead® Rebel™ Tube Kit

Just about everything you'll need for a super fun day on the water is in the box! Rebel™ is a 1 rider, 54 inch diameter deck tube with four deluxe handles and neoprene knuckle guards. It's equipped with a Boston valve for your inflating and deflating convenience. The heavy gauge PVC bladder is fully covered by rugged double stitched nylon. Features include a triple reinforced tow harness, drain vents and boarding straps. Airhead's® best portable 12-volt pump is included and will inflate Rebel™ quickly and effectively. A color-matched 16 strand tube tow rope is also included.

SBT-AHRE1-00-10



Airhead® Blast® Donut Tube

You'll have a real blast on Airhead® Blast®! The four neoprene knuckle guards and deluxe nylon covered handles provide a sure and comfortable grip. The heavy duty virgin PVC bladder has electronically welded seams and a Boston valve for quick inflating and deflating. Blast® has a double-stitched nylon cover, reinforced internal tow harness, and a self-draining floor vent. You'll love the eye catching graphics on this 1 rider 54" round towable!

SBT-AHBL1-00-09



Airhead® Super Slice®

Airhead's™ high performance rider low profile deck tube, will take your breath away! It's got an oversized topside neoprene body panel and 6 deluxe handles with neoprene knuckle guards, an Airhead® exclusive. The 30-gauge virgin PVC bladder is fully encased by a rugged double-stitched nylon cover. Super Slice™ is equipped with a heavy duty Kwik-Connect™ and Boston valve for the ultimate in convenience. It's tapered in back to only 6 inches, for easy boarding from the water. 70" diameter (deflated size).

SBT-AHSSL-10-10





Fiji Float™ Water Lounge Chair
Stay cool floating in a pool or lake, sitting on the comfortable mesh seat of the Airhead® Fiji Float™. Tether it to your boat or tie two or more Fiji Floats™ together using the side mounted rope anchors.

SBT-AHFF1-00-09



Airhead® Aruba Lounge™
The Airhead® Aruba Lounge™ is a comfortable pool and lake lounge with a mesh panel between the pillows at each end. Lie down and stay cool suspended in the water by the comfortable mesh panel. Your drink will be close at hand in the molded drink holder.

SBT-AHAL1-00-09



Airhead® Bimini™ Lounger II
Relax on the water in comfort with Airhead®'s newly improved Bimini™ Lounger II. There are only 3 air chambers to inflate, not 6 or 7 like the other brands! Float with your legs dangling in the water, or stretch them out on the folding inflatable leg rest. There's a cup holder for your cool drink and a zippered storage compartment for sun tan lotion and other necessities. The inflatable backrest ensures unparalleled comfort. Durable nylon construction with a heavy-gauge PVC bladder inside. 38" x 60" (deflated with leg rest extended).

SBT-AHBL3-00-10



Airhead® U-Lounge™
Connect 2, 3, 4 or more U-Lounge™ together for a lake or pool party! You and your friends will stay cool, no matter how hot the weather, floating in the comfortable mesh seat. Keep a cool drink close at hand in the molded cup holder. Quality built from heavy gauge PVC. Dimensions: 44" x 32" x 12" Yellow/Red.

SBT-AHUL1-P0-10

Boards and Skis

Yamaha Wakeboards by Hyperlite®

The State Series is a shape that you don't have to learn how to ride, it will perform comfortably for all ability levels and styles. The State is shaped differently from edge to edge, helping the rider compensate for the awkwardness of edging , jumping , and landing on a toe-side edge. Our subtle 3-stage rocker provides a great pop off the wake while maintaining a smooth carve. The State is a great board for both riders getting into the sport or those who are looking for advancement in their skills. Wakeboard comes with Hyperlite's® Remix Binding. Yamaha graphics on both sides of boards.



Black / Red 135cm ***SBT-YWHL1-35-11***

White/ Red 140cm ***SBT-YWHL1-40-11***

White/Red 145cm ***SBT-YWHL1-45-11***

Hyperlite® Womens Eden Wakeboard With Jinx Bindings

The Eden series is a shape that you don't have to learn how to ride, it will perform comfortably for all ability levels and styles. The Eden is shaped differently from edge to edge helping a rider compensate for the awkwardness of edging, jumping, and landing on a toeside edge. Subtle 3-stage rocker provides a great pop off the wake while remaining a smooth carver. The Eden is a great board for riders getting into the sport or those looking for advancement in their skills on the board. 130cm board intended for riders up to 155lb; 135cm board for riders 145lb. and up.



130cm ***SBT-HLEDN-30-12***

135cm ***SBT-HLEDN-35-12***

Hyperlite® Motive Wakeboard With Frequency Bindings

The Motive is a board preferred by beginner/intermediate riders who like the flowing feel of the original free ride series. The Motive provides a mellower turn with smoother life off the wake.



134cm ***SBT-HLMTV-34-12***

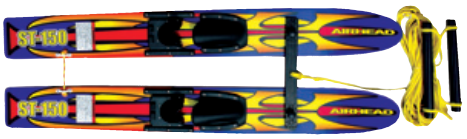
140cm ***SBT-HLMTV-40-12***



Airhead® Combo Water Ski

Perfect for skiers who need a stable ride and want to advance their skills, AIRHEAD's® combo water skis are a great value for the recreational water skiing family. These 67" rim molded combo water skis are designed to accommodate many different skill levels. The tunnel shaped bottom, wide tails and mild rocker provide easier starts, smooth turns, and better stability. The durable composite construction and fiber glass reinforced nylon fins ensure years of service. Dual density slide-type adjustable bindings fit adult siz es 5~12.

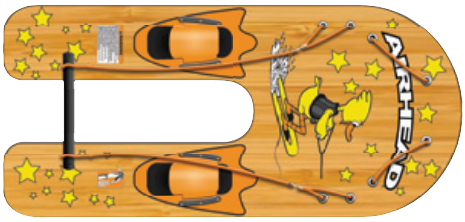
SBT-AHS12-00-10



Airhead® St-150 Trainer Water Skis

These 48" wood trainers make learning to ski fun for beginners less than 100 lb. The double handle rope assembly, removable crossbar and ties at the tail make it easy to start and control. The adjustable bindings fit child size 12 to adult size 5. Fiberglass reinforced nylon rudders increase stability and tracking.

SBT-AHST1-50-10



Airhead® U-Ski™

Kids have fun and ski with confidence from the get go with AIRHEAD's® U-SKI™ U-shaped trainer. They take to it like a duck to water! It's really easy for kids to get up on and very sturdy, even at idle speeds. It's like a cross between a sled and trainer skis, made of durable bamboo. Kids love the fun graphics, the easy-to-grip handle, and most importantly, the gentle ride.

SBT-AHUS1-00-10



Yamaha Kneeboard

This Yamaha kneeboard is light weight, stable, and responsive. Its traditional V-shape design provides fast responses, smooth fluid turns, and big air off the wake. The contoured EVA kneepad has deep knee wells and reinforced toe areas. The 3" wide adjustable strap is cushioned for comfort.

SBT-KNEEB-RD-10



Airhead® Magma™ Kneeboard

You'll love the easy rail-to-rail transitions, consistent arc though turns and effortless spins! MAGMA™ has massive rocker, beveled edges and a unique bottom shape for a smooth, fluid, forgiving ride. Great for all riding levels. Features the AIRHEAD's® EZ UP Hook for effortless starts and easier access to the rope handle.

SBT-AHKB2-00-10

Inflatable Pumps and Valves

12-Volt Air Pump
This high-volume (290 liters/minute) 12-volt portable air pump inflates and deflates towables, boats, pools, mattresses, and beach toys quickly and effectively. Most pumps on the market don't put out this kind of air pressure and volume (9.6 cu. f t./min. 0.8 psi). The universal valve fittings fit all popular valves. For added convenience, the cigarette lighter/12-volt power port plug is equipped with a 10' long power cord.

MAR-12VPU-MP-06



Airhead® 120 Volt Hi-Pressure Air Pump
A Pressure Release Valve is included to limit pressure to 1.4 psi for preventing over-inflating towables, pool toys and other vinyl and nylon c overed inflatable items. Four universal valve fittings fit all popular valves and lock onto the hose. For added convenience, there's a carry handle and a 10' long power cord. Draws 6.1 amps /730 watts. Volume is 460 liters/ minute.

SBT-AHP12-0H-10



Airhead® High Pressure 12V Inflatable Pump
The AIRHEAD® High Pressure 12-Volt Air Pump is the perfect pump for inflating your towables while out on your boat , or any where that you don't have 110v current. AIRHEAD's® new 12-Volt High Pressure Air Pump with Pressure Release Valve produces three times the pressure of other 12-volt air pumps. Adapters are provided for all popular valves including s tem, Boston, Leafield, Bravo, Halkey-Roberts®, and more. A removable pressure-release valve limits the output to 1.4 psi, the perfect inflation pressure for towables. Hook this powerful pump directly to your car, truck, or boat battery with the alligator clips connected to a 10' power cord – it draws too many amps to plug into a cigarette lighter. Volume: 410 liters/ min. Draws 28 amps.

SBT-AHP12-HP-09



Airhead® Double Action Pump
Perfect For "Topping off" Towables This double action pump inflates and deflates towables, kayaks, boats, airbeds, and other inflatables. It delivers a continuous stream of air on both the up and down strokes. Simply turn the release valve counterclockwise and you 're pumping air only on the downstroke. This is a great option when your inflatable is almost full and there's back pressure. Four universal valve fittings are included to fit Boston valves and stem valves. The accordion-style hose stretches to 5' long and interlocks to the pump , so that it doesn't f all off while you're pumping. Volume is 2 liters/stroke. Very effective for " topping off" large towables in the boat, since peak pressure is an impressive 14 psi.

SBT-AHP10-00-10





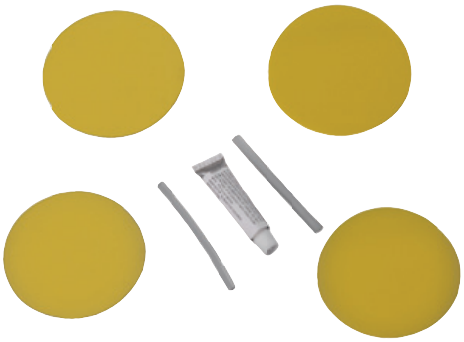
Inflatable Multi -Valve
The multi-valve consists of two Boston valves with different thread patterns on the bottom and a Schrader® valve. One of the Boston valves will fit the thread pattern of your inflatable, no matter what brand. Use the Schrader® valve to inflate quickly at a gas station or with an air compressor. Alternatively, screw off the Schrader® valve and inflate the Boston valve with Yamaha 12-volt Air Pump (MAR-12VPU-MP-06), sold separately.

MAR-MLTVA-LV-06



Airhead® Multi -Valve
Inflate with Speed & Flexibility AIRHEAD® MULTI-VALVE consists of two Boston valves with different thread patterns on the bottom and a Schrader® valve with cap. One of the Boston valves issure to fit the thread pattern of your inflatable, no matter what brand. The Boston valves have a square base, which is much easier to turn than a round base, especially with wet hands. Use the Schrader® valve to inflate your inflatables at a gas station or with an air compressor. Alternatively, screw off the Schrader® valve and inflate the Boston valve with an AIRHEAD® air pump. All components are bright red and green, so they're easy to find.

SBT-AHMV1-00-10



Vinyl Repair Kit
This kit includes a 1-ounce tube of the best commercial-grade vinyl cement available and four 2"-round vinyl patches.

MAR-VNLRE-PR-KT



Airhead® Boot Goo™
It's easy to slide into tight water-ski and wakeboard bindings with AIRHEAD® BOOT GOO™. It saves time and reduces wear and tear to bindings. BOOT GOO™ dissipates as soon as you hit the water for maximum performance. 16 oz. bottle with squirt top

SBT-BG100-00-09

Audio Equipment

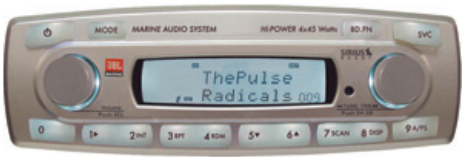
JBL® MR-32 Am/Fm/Cd Sirius®-Ready Receiver With Auxiliary Input
Here's the perfect upgrade to your boat 's stock JBL® stereo. Features include more power output , a full 208 watts (52W x 4), and a splash-proof, flip down face with rolled silicone-rubber buttons. Positive LCD display. Electronic tuning with scan/seek and 18 FM and 6 AM station presets. Electronic volume/balance/bass/treble/fader control. Sirius®-ready with Sirius ® direct channel tuning. Includes ESP (Electronic Shock Protection). Fits your Boat's existing JBL® stereo box opening and uses existing mounting holes. Includes two pairs of preamp outputs. Professional installation recommended. Sirius® Satellite Receiver sold separately.

SBT-JBLMR-32-08



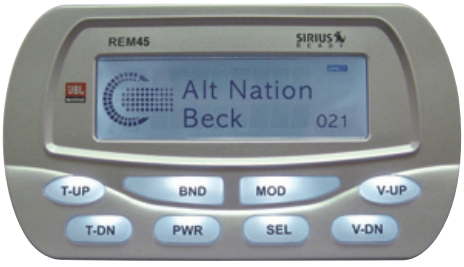
JBL® MR-18 Sirius®-Ready Am/Fm/Cd Receiver
Sirius®-ready. 180 w atts (45W x 4) peak. Waterproof face. Two pairs of line output terminals. iPod® ready with aux in. Flip-down face. EPS Unique two-line display. Rotary encoder multi-control. Wired remote ready. Bass/ treble/balance controls. Pre-amp fader control. Electronic volume control. Volume attenuator. Random/repeat play. Intro scan. Beep-tone support. Detachable control panel with carrying case. Overall size: 7-3/8" W x 2-1/4" H x 7-3/4" D .

MAR-JBLMR-18-11



JBL® REM45 Marine Remote Control With Digital Display
A perfect upgrade for the standard JBL® REM25. This digital display remote is weatherproof with sealed tack switches and a silicone-rubber membrane with backlighting. The two-line display matches the radio and displays Sirius® text for artist, song , channel name, and category information. Using the select button you c an adjust bass, treble, fader, and balance. Professional installation recommended. Compatible with most Sirius®-ready JBL® receivers. Installation size: 4"W x 2-1/4"H x 3/4"D

SBT-JBLRM-42-07



AQUATIC AV™ Head Units
Features include: Double sealed front covers (IP66), 50W x 4 power output, XM/ Best of Sirius®,Dual Zone feature. Wired, RF, and IR remotes available

iPOD® Version
Easy to connect all iPOD® versions without adaptors with full functionality. Shows iPOD® menus on the screen and has iPhone® capabilities.

Black ***SBT-AQIP3-BM-10***

CD Version
Silver ***SBT-AQCD3-M0-10***



Sirius® Satellite Receiver And Antenna
For use with Yamaha Boats that are equipped with stock or MR-32 JBL® marine stereos that are Sirius® satellite-ready. All you need to do is add this receiver module and antenna to receive the Sirius® signal. This kit comes with a 6-month subscription. Subscription renewal is necessary to continue the service.

MAR-SIRIU-SK-IT





Aquatic AV™ Wired Remote
- Fixed Wired Remote
- 2-way communication
- Wired flush mount
- Backlit display and buttons
- Works with Aquatic AV™ head units

Black ***SBT-AQWR3-F0-10***



Aquatic AV ™ Handheld Wireless RF Remote
- Wireless radio frequency
- Up t o 20' range
- Battery operated
- Works with Aquatic AV™ head units shown her e

Floatable ***SBT-AQRF3-00-10***



iPOD® / FM Power Dock
Waterproof digital media locker (IP66) works with all iPod® models. FM tuner with 50w x 4 digital amplifier and AUX 3.5mm audio input are built in. Supplied with RF remote that floats. 12V trigger

SBT-AQDM2-BX-10



iPOD® Dock
Waterproof digital media locker (IP66) that connects to exterior iPOD® ready source.

SBT-AQDML-00-10

JBL® Marine Amplifiers

These amplifiers have a fully marinized circuit board to keep salt and corrosion away from the critical circuit paths. Comes equipped with an onboard 12 dB electronic crossover to provide tuning options for systems of any size. The variable bass-boost circuit provides additional bass tuning to optimize performance, regardless of location. Its low-profile heatsink allows for installation in tight spaces. The large-gauge barrier strips allow easy hookup and use of larger-gauge premium power, ground, and speaker cable. Professional installation recommended.



4-Channel Amplifier
This amp has 145 watts at 2 ohms, 60W RMS x 4 channels at 4 ohms and less than or equal to 1% THD + N.
SBT-MA600-40-07

2-Channel Amplifier
This amp has 160 w atts at 2 ohms, 60W RM S x 2 channels at 4 ohms and less than or equal t o 1% THD + N.
SBT-MA600-20-07

WS-420 4-Band Para Metric Equalizer With 2-Zone Operation

The WS-420 Equalizer is a state-of-the-art equalizer designed to provide amazing control and flexibility of your marine audio system. The WS-420 gives you independent control of your tower speakers as well as independent control of your in-boat speakers. The Wet Sounds™ talk-back microphone allows the boat driver to communicate with the rider or other boats in the area. By pushing the button on the microphone, the system will automatically mute the music playing from the tower speakers and allow you to use your tower speakers as a PA system. Once the butt on is released, the tower speakers will begin to play again at the level they were at. Additionally, the WS-420 includes Wet Sounds™ exclusive Boat Link™. Boat Link ™ gives you the ability to link up with other WS-420-equipped boats for the ultimate party cove experience.



SBT-SW420-00-11

Syndicate Series Full-Range Marine Amplifiers

Wet Sounds™ Syndicate Series Marine Amplifiers represent the highest performing marine audio amplifiers on the market, with advanced technologies like Class H and Class G/H power supplies for high power with less current draw and less heat. Microprocessor-controlled, forced-fan cooling. Full polished stainless steel chassis for true marine grade, with conformal-coated PCB boards, advanced microprocessor protection circuit for under/over voltage, thermal overload and short protection, flexible crossovers for both high pas s and low pass use on full range models, and matched power ratings to drive all Wet Sounds™ speakers.



Syndicate 4: Full Range 4-Channel Amplifier
Stereo @ 4 Ohms = 125 x 4 watts RMS; Stereo @ 2 Ohms =200 x 4 watts RMS; Mono @ 4 Ohms = 400 x 2 watts RMS
SBT-SYN4A-00-11



Syndicate Micro: Full Range 2-Channel Class H Amplifier
Stereo @ 4 Ohms = 200 x 2 w atts RMS; Stereo @ 2 Ohms = 350 x 2 watts RMS: Mono @ 4 Ohms = 700 x 1watts RMS
SBT-SYNMI-NI-11



6-1/2" Full Range Speakers 100 Watts
2-way full range speaker, 85Hz-20KHz frequency response, and, 20-oz. Neodymium magnet make this a great water proof speaker for boats.
SBT-AQSPK-65-10



Infinity ® Inf-612 Premium 6-1/2" In-Boat Speaker
Power handling: 225 watts and frequency response: 50Hz to 20 kHz , Sensitivity: 92 dB. Polypropylene woofer cone and rubber surrounds with integrated grille assembly. UV- and water-resistant construction. Mounting depth: 2-5/8" and installation size: 5-1/16".
(Sold individually.) ***SBT-INF61-2M-10***



XS-65 6-1/2 Coaxial Speaker
The XS-65 is a 6-1/2" c omponent-style coaxial speaker. Silver grille. Rubber spider and surround. Nylas (nylon fiber glass) frame/grille. Injection molded composite cone. Horn flare Mylar® tweeter. Rubber magnet boot. Impedance: 4 ohms, RMS Watts: 60, Peak Watts: 120, Frequency Response: 40Hz to 20KHZ. (Sold in pairs.)

Black ***SBT-XS65B-BK-11***

Silver ***SBT-XS65S-IL-11***



SW-65 6-1/2" Coaxial Speaker
The SW-65 is a 6-1/2" component style coaxial with a closed-grille aesthetic perfect for saltwater boats and runabouts. The SW-65 shares the same performance as the XS-65 and the same technologies, like our rubber spider and surround, and Nylas (nylon fiberglass) frame/grille. Injection-molded composite cone, horn flare Mylar® tweeter, and rubber magnet boot. Impedance: 4 ohms, RMS Watts: 60, PEAK Watts: 120, Frequency Response: 40Hz to 20KHZ. (Sold in pairs.)

Black ***SBT-SW65B-BK-11***

White ***SBT-SW65W-WT-11***



JBL® 6-1/2" Two-Way Marine Speakers
Power handling: RMS: 60 watts, peak: 180 watts, sensitivity: 91dB, and frequency response: 55Hz to 20kHz. Polypropylene woofer cone and dome tweeter. Integrated grille assembly. UV and water resistant construction. Installation size: 5-1/16"W x 5-1/16"H x 2-1/2"D with an overall size of 6-1/2"W x 6-1/2"H x 3-1/4"D (Sold in pairs.)

SBT-JBLMS-62-07



10" FREE AIR MARINE SUBWOOFER
The XS-10FA is a 10" F ree Air marine subwoofer. Powder-coated cast aluminum frame. Gold-plated speaker terminals, injection-molded composite cone, rubber spider and surround. Comes with a grille. Impedance: 4 ohms, RMS Watts: 300, Peak Watts: 600, Frequency Response: 20Hz to 500HZ.

Silver ***SBT-XS10F-AD-11***

White ***SBT-SW10F-WT-11***



JBL® Marine 10" Amplified Subwoofer
This 10" subwoofer has a built-in 250W class D amp along with waterproof controls recessed in front for easy adjustment. The rear of the woofer is protected to help avoid damage from gear in storage areas. Professional installation recommended. OD:12.8"; Cutout: 10-1/2"; Mounting depth: 8"; Grill Height : 1". Power handling: RMS: 150 watts, peak: 300 watts, sensitivity: 81.1 dB, and frequency response: 40Hz to 100Hz

SBT-JBLMS-10-07



Pro 60 Tower Speakers
The PRO 60 is a wakeboard tower speaker designed for those who crave the award-winning sound of the PRO 80 but need some thing in a smaller , more compact size. Wet Sounds™ developed a 6-1/2" version of our PRO-Axial™ driver using the same professional-grade concepts and acoustical engineering as the Pro 80. The PRO 60 is a single 6-1/2" Wet Sounds™ EFG™ (Epoxy Fiberglass) driver and a concentrically mounted Wet Sounds™ HLCD (Horn Loaded Compression Driver). These speakers come with fixed universal clamp for towers from 1-1/2"~3". With the PRO 60, you can finally have big sound in a small pack age. Impedance: 4 ohms, RMS Watts: 150, Peak Watts: 300, Frequency Response: 20Hz to 20KHZ. (Sold in pairs.)

Black **SBT-PRO60-BK-11**

White ***SBT-PRO60-WT-11***



Revolution 8" EFG™ 4 ohm EFG™ HLCD Tower Speaker
The Revolution™ Series uses the Wet Sounds™ proprietary REV TEC™ technology. Unlike most conventional designs, REV TEC™ technology provides remarkable volume and amazing full range sound quality on axis and off axis at long distances. Extensive acoustic testing has confirmed these speakers ability to project volume at 80 feet and beyond without any loss of de tail or information. Includes swivel clamp. Impedance: 4 ohms, RMS Watts: 200, Peak Watts: 400, Frequency Response: 20Hz to 20KHZ. (Sold in pairs.)

Black ***SBT-REV8B-LK-11***

White ***SBT-REV8W-HT-11***



XST-65 Tower Speaker
The XST-65 is a wakeboard tower speaker designed for those who crave the award-winning sound of Wet Sounds™ in an affordable solution. Uses the reinforced composite enclosure found on the PRO 60 speaker, loaded with our XS-65 coaxial speaker. The X ST-65 is a perfect blend of performance and value. The XST-65 ships with a universal aluminum clamp allowing it to fit any tower out of the box. 6-1/2" coaxial tower speaker. Impedance: 4 ohms, RM S Watts: 60, Peak Watts: 120, Frequency Response: 40Hz to 20KHZ. (Sold in pairs.)

Black ***SBT-XST65-BK-11***

White ***SBT-XST65-WT-11***



Infinity ® 6100M Wake Tower Sound System
Yamaha is proud to offer Infinity's® complete wake tower sound system. The system includes a pair of wake tower speakers, microphone/control head to use the speakers as a PA system, and an Infinity® 150 Watt RMS (2 ohm) amplifier .

MAR-INF61-00-M0

Tower Speaker Set Only ***SBT-INF60-00-M0***



External Mp3/Aux Mini Din Jack
For use with Yamaha Boats that are equipped with the stock or MR-32 JBL® Marine Stereo. You can mount this auxiliary input jack to your dash, and listen to music from a portable source through your boat's stereo system. It will accept any source of music through a mini-DIN plug stereo connection.

MAR-JBLAU -X1-00



Universal Marine Antenna
This antenna should be used when installing a stereo system in a boat. Professional installation is recommended.

MAR-ANTEN-NA-02

Lighting

Underwater Halogen Transom Lights
Waterproof 35-watt halogen bulb brightly lights up the water behind your boat at night. Special lens is 0.6" thick for extra durability, and is mounted in a marine-grade 316L stainless steel housing with Viton® O-ring. Transom light connects to your boat 's 12-volt electrical system using included 6' electrical cables. Designed to mount 12" t o 48" inches below the waterline on almost any fiber glass-hull boat . Dealer installation recommended; extra wiring and switches may be required. (Sold individually)

SBT-TRNSM-LT-09



Polished Stainless Bow Docking Light Set
Make docking at night more convenient with this set of Aqua Signal® compact, polished stainless docking lights. 50-watt halogen bulb with a hard-coated lens for long lasting UV protection. A gasket between the hull and lens seals out water. Comes with switch, breaker, and instructions. Not for use as running lights. (Sold as a set.)

SBT-BOWDK-LT-08



Light Bar Kit With Interior Led Lights
Make docking at night more light bar kit. Includes three 55-watt halogen lights for docking. It even has ultra-bright blue LED lights facing down to light the interior at night. The bar is made of extruded, bright-dipped, brushed and anodized 6061 aluminum. Includes three separately wired circuits: two 55-watt lights, a single 55-watt light, and four blue LED lights. The Custom Light Bar Kit is just the light bar with lights; custom wiring and switches will be required. The Deluxe Light Bar Kit comes complete with wire harness, dual rocker switch, circuit breaker, and all necessary connections for a Yamaha Boat. Professional installation recommended. Not for use as running lights. Fits all boats with 1-7/8" tower.

Custom Light Bar ***SBT-LIGHT-BR-08***

Deluxe Light Bar Kit ***SBT-DLXLT-BR-08***

Light Bar Clamp Set 2 ¼" ***SBT-BW225-00-10***



H2O™ Led Underwater Transom Lighting
Nickel plated 316 stainless steel housing. Each H2O™ Light has a two year warranty from the manufacturer and is 100% waterproof. Low amperage draw. Sturdy compact housing is 3-½" in diameter and 3/4" in height, perfect for any size boat Mounted with 316 Stainless Steel Screws included. Low voltage shutdown at 11.0 volts (protects battery from being drained) (Sold individually, three shown in night photo)

6-LED – 1.3 Amp Draw
Blue ***SBT-H2O06-BL-10***
White ***SBT-H2O06-WH-10***

8-LED – 1.7 Amp Draw
Blue ***SBT-H2O08-BL-10***
White ***SBT-H2O08-WH-10***

15-LED – 3.4 Amp Draw
Blue ***SBT-H2O15-BL-10***
White ***SBT-H2O15-WH-10***





400,000 CP Spotlight By Optronics®
Glare-free saltwater/marine spotlight corrosion-resistant hardware. Deck base. 170-watt Par 46 BlueEye Beam® sealed beam bulb. 10-ft. white coil cord with battery clips. Push button switch.

SBT-XB400-10-09



2,000,000 CP Cordless Spotlight By Optronics®
Durable ABS housing and non-skid rubber bezel. 12- volt, 100-watt quartz halogen bulb. Dual power: operate with internal battery or 12-volt cord. 110-volt and 12- volt charging cords included. Push button switch.

SBT-QR200-10-09



1,000,000 CP Spotlight By Optronics®
Glare-free saltwater/marine 55-watt quartz halogen spotlight. 10-ft. coil cord. Push button switch.

SBT-QH101-00-09



400,000 Cp Sealed-Beam 12-Volt Spotlight By Optronics®
Glare-free saltwater/marine version with corrosion resistant hardware, 170-watt Par 46 Blue Eye Beam® sealed beam bulb, and 10' white coil cord with push button switch.

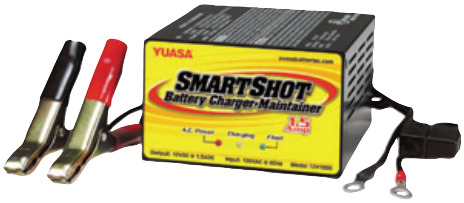
SBT-KB400-10-09



Optronics® Blue Eye Beam® 200,000 CP Magnet Mount 12 volt Spotlight
Blinding glare is the result when you hit the high-beam headlights in fog, snow, or rain. With a 20 times more powerful spotlight, that blinding sensation is simply magnified 20 times...or at least it is with standard spotlights. When you really need performance, count on the patented Blue Eye Beam® Glare Free spotlights.

SBT-HB200-20-09

Battery Chargers and Battery Switches



Yuasa® Automatic 12V 1.5 Amp 5-stage Battery Charger
Superior 5-stage charging technology. This high-power unit provides error-proof operation to fully charge low maintenance absorbed glass mat (AMG) batteries and conventional lead-acid batteries. Provides up to 16 volts to enable recovery of sulfated batteries during pre-qualification stage. Spark-free operation and steal construction for durability. 3-year limited warranty from manufacture.

YUA-12015-01-00



Yuasa® Automatic 900mA 12V Battery Charger
The industry's most powerful plug-in wall charger. Combining the latest technology and a host of user-friendly features, this compact, high-power unit provides optimum amperage return and is designed to fully charge and maintain conventional batteries and low maintenance absorbed glass mat (AGM) batteries. Three level charge cycle reaches 14.4 volts peak, then automatically switches to float, AC power LED indicator and 12-ft output cord. 2-year limited warranty from manufacture.

YUA-12009-01-00



OptiMate® 4 Battery Charger
A truly diagnostic 0.8 amp battery optimizer for 12V lead-acid batteries (sealed maintenance-free, gel, or filler caps). Like OptiMate® models, the microprocessor-controlled OptiMate® 4 can save neglected batteries and is even more effective with its new dual-stage "Recovery" and "Turbo Recovery" desulfating action. Sealed waterproof enclosure is ideal for snowmobiles and watercraft and also has special cables and bushings for ultra-cold temperatures down to -.40° F. New shape includes wall mounts, and now shows current display, hourly testing with easy to indentify results, plus 24/7 maintenance. Recommended for all 12V lead-acid batteries up to 75Ah.

ACC-OPTIM-AT-E4

Adaptor that allows OptiMate® 4 and OptiMate® 3+ connection sets to hook up to connectors (white plastic) on the older OptiMate® III model.

ACC-OPTIM-3P-AD

Replacemeent Fused Eyelet Connection Set Weatherproof, permanent connector (with 15A fuse). Hook up your battery quickly and easily when not use. For use with OptiMate® 4 and OptiMate® 3+ battery chargers. Adapter (ACC-OPTIM-3P-AD) required for use on older OptiMate® III model.

ACC-OPTIM-3P-ET

Replacement Battery Clamps Connection Set. Chromed metal clamps resist corrosion. For use with OptiMate® 4 and OptiMate® 3+ battery chargers. Adaptor (ACC-OPTIM-3P-AD) required for use on older OptiMate® III model.

ACC-OPTIM-3P-CL

Battery Tender® Water Proof 800

This compact battery charger has all the charge characteristics of its cousin, the Battery Tender® Junior. It incorporates highly efficient surface mount technology electronic components. The interior is completely encapsulated, protected from shock, vibration, and moisture by an electrically insulating, thermally conductive, flame retardant, synthetic epoxy resin compound. It's tough, affordable, and a strong, innovative battery charging solution. This charger is no larger than a standard computer mouse yet packs 800 milliamps of pure constant current charging power. Coupled with a brain (IC chip), the charger will constantly monitor, charge, and then maintain your battery even while totally submersed underwater! Perfect for all outdoor types of watercraft, boats, motorcycles, ATVs, or any where water is a threat. Charges 12V @ 800mA.

SBT-CHGWP-80-11



Water Proof Power Tender Plus

This waterproof battery charger is shock and vibration resistant, lightweight (less than 4 lb.), and compact. Designed f or either portable operation or permanent mounting. Charges and maintains flooded and se led batteries, including maintenance free, AGM, and lead acid batteries. The Float/Maintenance function maintains batteries at proper storage voltage without the damaging effects that can be caused by trickle chargers. Charges 12V @ 5A .

SBT-CHGPT-ND-12



Battery Tender® Junior

Trickle Charger with a Brain. Features Include: Lightweight/ compact size Ideal for hard-to-fit spots Fully automatic 2-stage lead-acid battery charger Solid-state two-color LED indicates state of charger Spark-proof Reverse-polarity protected 12-foot output cord quick connect harness

ACC-CHGJR-BT-12



Battery Tender® Plus

Fully charges and maintains battery at proper storage voltage. Temperature compensation. Powder-coated aluminum chassis. Spark proof. Built-in 72-hour timer will protect a marginal battery from overcharging. Charges as fast as a 3-amp charger using only 1.25 amps. Reserve polarity protected. Complete 3-step charging program. Quick-connect harness. Five-year manufacturer's limited warranty.

ACC-CHGBT-TN-12





Optimate® 1 Battery Charger
Never have another dead battery! The OptiMate® 1 Charger can be left plugged into any vehicle's 12-volt battery all season long. Charges all battery types. Comes standard with clip type lead and weatherproof permanent adaptor for quick and easy conect/disconnect. LED's for power on, charging, and charged battery states. 2 year warranty from the manufature.

DBY-ACC56-23-80

SAE-71 Connector Quick-Disconnect Lead ***DBY-ACC56-23-81***



5-Watt Solar Panel With Built -In Controller
5-watt solar panel with built-in Battery Tender® super smart charging controller. 100% portable battery charging and maintenance. Perfect for storage space without power access! Battery Tender® solar panels are the only panels available with a built-in charge controller to prevent overcharging. 12V Nominal Voltage 270 mAmps. Temperature compensation sensor. Spark-proof. 3 lb. 13.25" x 16" x 0.875"

SBT-BTSOL-AR-11



TestMate® Mini Analyzer
Easy-to-understand battery and charging system analyzer for all 12V starter batteries. More than a voltmeter, it records high speed voltage drop undetected by normal instruments during 'engine' cranking - the best indication of a starter battery's ability to deliver power (clearly identifies when the battery or charging system is at fault).
Step 1: Checks battery voltage
Step 2: Checks battery cranking power
Step 3: Checks vehicle charging system

BAT-ANALY-ZR-TM



Compact Jumper Cables
Ten feet long yet compact enough to fit in the seat storage compartment. Compatible with all 6 and 12-volt systems.

MAR-JUMPR-CA-BL



20-Foot Jumper Cables
These jumper cables are big on charging power, 150 amps. The heavily insulated 12-gauge wire is tinned for salt water use. The extra long, 20'-length provides enough reach for marine conditions. Stow them in the convenient snap storage case provided. These cables feature rust-free clamps with extra long vinyl grips to minimize the chance of shorting. Don't leave the dock without these cables!

SBT-JC200-00-09



Flush-Mount Charge Port
Have a convenient charge port outside your boat that will allow you to easily plug in a battery charger mounted inside your boat . Comes with all necessary mounting hardware and a rubber cover. Dealer installation recommended.

SBT-CHGPO-RT-09



Marine Dual Battery Kit
This kit is a must-have when adding additional electronics to your boat (stereo upgrades, bars, etc.). This kit comes complete with a BEP Marine® Battery 701S™ Battery Switch, a BEP Marine® Voltage Sensitive Relay (VSR), and a GIL Marine® Composite Battery Box plus all necessary wiring and hardware. This kit will allow you to keep one battery isolated at all times for reserve purposes. The VSR will allow the engines to charge battery #1 until it is topped off at 13.7 VDC, then automatically switch over to battery #2 to charge it. Turn the knob on the battery switch to select using battery #1 by itself, battery #2 by itself, or both batteries together in parallel. You can also switch off battery current altogether. Professional installation recommended. Marine batteries not included. Fits any single battery boat with room for another group 24 battery.

SBT-DUALB-AT-08

Magma® Grills and Accessories



Magma® Marine Kettle® 2 Grill Kit
The Marine Kettle® 2 incorporates new features that are both useful and friendly, including being virtually windproof. Its dependability in a stiff breeze is due to a virtual blow-out proof turbo venturi and valve system. A front mounted piezo igniter is now included, as well as a new patented burner and heat distribution system that reduces flare-ups. The burner also adds years of life to the grill by directing more heat to the cooking surface. These grills have full, double lined inner safety shells to keep the outside of the grill cooler. A mirror polished, 18-9 marine-grade stainless exterior finish provides superior corrosion resistance. Topping off the Marine Kettle 2® is a polished, stainless handle designed to stay cool. The hinged lid is balanced so it won't slam shut as the boat rolls. Magma's patented plate and dome system make it the only boat grill that is truly a grill, stove or oven — a great advantage to boats without a galley, or if the first mate just wants to cook outdoors. The grills feature a new cast stainless indexing bracket and clamp to provide easier, more positive level mounting. It uses standard, disposable, 1-lb. propane canisters or will easily adapt to boats with existing onboard LPG (propane) or CNG (natural gas) systems. The newly designed valve system adjusts left, right, inboard or outboard for easy heat control access and fuel-bottle change. Cover, mount, and utensils included.

SBT-GRILL-KT-09



Magma® Newport ™ Gourmet Gas Grill
Just right for grilling up to eight large hamburgers. The Newport™ is a finely crafted piece of hardware. Now with fold-away legs making this the go-any -where grill to enhance all of your out door activities. Its beauty, performance, and safety features will certainly exceed the expectations of the most discriminating grill enthusiast. It grills quickly , evenly, and disassembles easily for cleaning. Uses inexpensive, disposable 1-lb. propane cylinders or adapts to on-board LPG (propane) or CNG (natural gas) systems. (Serving shelf and fuel canister shown in picture not included.)

SBT-NEWPO-RT-11



Magma® Pow'rgrip™/ LeveLock® Adjustable Rod Holder Mount
Just when you thought it couldn't get any better, this mount adjusts and locks in place at both ends. Magma® joined their LeveLock® Adjustable Fish Rod Holder Mount with the Pow'rGrip™ Adjustable Fish Rod Holder Mount. This allows the Pow'rGrip™ portion of the mount to adjust to any size rod holder and lock in place, while the LeveLock® portion of the mount adjusts and locks your Magma® rectangular grill. This patented mount is the strongest, most corrosion resistant, most versatile mount in the industry.

SBT-NWPTM-NT-11

Pow'rgrip™ Fish Rod Holder Mount
Made of 18-8 stainless steel and durable all-weather plastic, this versatile mount fits most cylindrical type rod holders and allows grills to mount in any direction from the rod holder. Its unique quick-disconnect system allows instant installation or storage after use without tools. Rod holder not included.

SBT-GRILL-MT-11



Flush Deck Rotating Socket Mount
This mount is made of 18-8 stainless steel. A stainless detent pin lets a Magma® grill rotate and lock in eight different positions, allowing it to be moved inboard and outboard. Mount includes a rain cap. Rod portion of mount quickly disconnects for compact storage.

SBT-FLU SH-MT-11



Padded Grill & Accessory Carrying/Storage Case
Conveniently store and transport your grill and accessories in one of Magma's® new padded carrying cases. Designed to store all of your grilling gear in one space-saving location. This bag is out fitted with a large storage compartment for a grill, pockets for storing a serving shelf, griddle, and fish/ veggie tray. Includes an additional side pocket for storing up to two 1-lb. propane canisters and two control valve/ regulators. Additional features like thick padding for maximum protection and heavy-duty carrying handles and strap make this a must-have for every grilling enthusiast. With the same quality and craftsmanship you've come to expect, once again Magma® has just what you've been looking for.

SBT-GRILL-BG-11



Professional Grill Utensils
Wide, mirror-polished 304-grade stainless steel blades and substantial ergonomic handles for the ultimate in cooking control. The grill brush has 100% brass bristles.

SBT-UTENS-IL-11



General Boating Accessories and Upgrades



Yamaha Kidney Shape Table
Want to upgrade your stock table to a larger size? This big table offers more functionality, with a kidney shape so it is easy to maneuver around it, yet it still fits in the stock storage location on your Yamaha Boat. It also has three cup holders instead of two as on the stock table. Designed as a direct replacement, this table is made of the same acryliccapped ABS material as the stock table, and uses the same hardware. Requires transfer of the pedestal base from the stock table.

SBT-KDNYT-BL-08



Yamaha Emblem
Show your Yamaha pride on your vehicle with these new high quality 3D metal logo decals. 16" x 3.2". (Sold as a set of 2.)

SBT-DECAL-3D-08



Tuning Fork Emblem
Factory Yamaha emblem.

F0C-U411H-00-00



Premium Registration Kits
3" Block style, solid body contrasting outline. All kits include four sets of A-Z and 0-9. Choose fr om color combinations or solid options below. Meets USCG requirements.

Black/Beige ***SBT-BLBKE-70-11***
Blue/Black (shown) ***SBT-BLBLK-70-11***
Chrome/Black ***SBT-CHBLK-70-11***
Silver/Black ***SBT-SIBLK-70-11***
White/Black ***SBT-WHBLK-70-11***
Red/Black ***SBT-REBLK-70-11***
Solid Black ***SBT-BLK70-00-11***
Solid White ***SBT-WHI70-00-11***

Multi Color Registration Kits
Contains four fuel-resistant stickers of each letter (A~Z) and number (0~9). Meets U.S. Coast Guard regulations.

Brown/Black ***MAR-BRBKG -20-89***

White/Black ***MAR-WHBKG -20-19***

Silver/Black ***MAR-SIBKG-20-16***

Blue/Black (shown) ***MAR-BLBKG-20-65***

Yellow/Black ***MAR-YEBKG-20-13***

Red/Black ***MAR-REBKG-20-28***

Chrome/Black ***MAR-CHBKG-20-43***



Solid Color Registration Kits
Contains four fuel-resistant stickers of each letter (A~Z) and number (0~9). Meets U.S. Coast Guard regulations.

Black ***MAR-BLK35-00-14***

Blue ***MAR-BLU 35-00-15***

White ***MAR-WHI35-00-21***

Red (shown) ***MAR-RED35-00-00***



Telescoping Paddles
This lightweight paddle adjusts easily to variable lengths with a simple twist. A section of the aluminum shaft disappears inside the blade to allow for ultra-compact storage under boat seats. The corrosion resistant aluminum shaft, hassle free locking device and high-impact molded blade and boat hook handle provide years of service.

Yamaha Branded Blue Paddle (20"~45") ***MAR-DLXPA-DL-42***

Bright Orange Paddle (20"~45") ***SBT-P1PDL-00-10***

Bright Orange Paddle (25.5"~72") ***SBT-P3PDL-00-10***



Waterproof First Aid Kit
You'll always know where to find your first aid kit, and the contents will be clean and dry. Easily mounts to boats, or almost anywhere with self adhesive hook and loop. The heavy-duty nylon bag is specially coated and has a waterproof zip closure to ensure that your first aid supplies stay dry. (Contents may vary slightly)

MAR-FRSTA-ID-KT





Life Line™ Boat Safety Kit
This boat safety kit contains 4 items. Recommended for all boats. Contents: 15 meter (50 ft.) buoyant heaving line, bailer (watertight container), sound signaling device (pea-less whistle), and watertight flashlight.
SBT-LL200-00-10



VHF Marine Radio
This radio's small and compact design is also lightweight, making it perfect for carrying on a vest strap or belt . Fully waterproof construction is ideal for water sports activities. Sends and receives on all U.S.A . and International marine channels, and includes easy access to 10 weather channels. C overed by a 3-year limited warranty from Uniden® America Corporation.
MWV-RADIO-VH-F3



Yamaha Type IV Throwable Flotation Device
U.S. Coast Guard regulations require your Yamaha Boat to have a Type-IV throwable flotation device aboard. This USCG-approved cushion is constructed of high-buoyancy polyethylene foam with durable nylon fabric.

Yamaha Branded Blue ***MAR-LIFEP-RE-SV***

Yamaha Branded White ***MAR-LIFEP-WT-07***

Non-Branded Blue ***SBT-LIFEP-BL-11***

Non-Branded White ***SBT-LIFEP-WH-11***



HYDRO-TURF® Step Mats
These 4" x 15" Hydro-Turf® pads have many uses. Charcoal or Brown with 3M ™ PSA self-stick adhesive. (Set of 2.)

Charcoal ***SBT-4X15M-AT-CH***

Brown ***SBT-4X15B-RN-11***



Fresh Water Boat Shower Kit
Add the convenience of a personal fresh water shower to your boat . Kit includes a 10-gallon polyethylene tank, shower nozzle with a 6' flexible stainless hose, and a custom enclosed housing with a door that automatically shuts off the pump. Comes complete with everything you need to install in any '07 to '09 Yamaha 230 Series Boat , including all necessary hoses pre-cut to length with all fittings, a custom wire harness for the pump and switch with 4-amp inline fuse, and de tailed instructions. Will fit many 18' t o 23' boats; extra hoses and wiring may be required. Dealer installation recommended.

SBT-SHOWR-KT-08



Pop-Up Cleat
The cleat offers what you've been asking f or: a retractable cleat with a thin profile that installs easily in narrow gunwales. Beautiful, strong, and durable, each stanchion is a 7/8" rod of solid enhanced #316 stainless steel alloy. The friction springs holds the cleat up at any position and makes sure it stays up when pulled up. (Sold individually.)

SBT-CLEAT-KT-12



Deluxe Stainless Drink Holder Kit
Add a bit of elegance and convenience to the cockpit with this polished stainless steel drink holder kit . Holds three drinks. All necessary mounting hardware is included along with a charcoal-gray Hydro-Turf® mat.

SBT-DRKHL-DR-08

Mirrors



CIPA Ellipse Mirror
4" x 11" multi-lens mirror features one stationary and two adjustable lenses. Also has a ball and socket tension adjustment knob that will keep the mirror where you position it. CIPA's windshield frame bracket will mount to rectangular or round-top windshield frames from 3/8" to 1-1/4".
SBT-20020-00-10



CIPA Comp Universal Boat Mirror
A truly universal 7" x 14" mirror. Features a ball and socket tension adjustment knob that will keep the mirror where you position it . Bracket will mount to rectangular or round-top windshield frames from 3/8" to 1-1/4". Meets Alabama's 78-square-inch law.
SBT-20000-00-10



CIPA Suction Cup Mirror
No holes to drill, no tools required, no scratching! Attaches to any clean, smooth, non-porous surface. Dash, console or windshield mount. Fully adjustable 4" x 8" mirror.
SBT-11050-00-10



CIPA Clamp-On Pivoting Mirror
Installs without drilling any holes. Clamshell design accommodates multiple window trim sizes and shape. Custom integrated rubber insert protects windshield trim. Pivot system allows stowage and installation of boat cover without removal.

Black ***SBT-02310-00-12***

Silver (shown) ***SBT-02320-00-12***

Truck Accessories



Yamaha Truck Hitch Plug
Brilliant chrome hitch plug with bold Yamaha lettering. Available in chrome with black lettering and chrome with red lettering.

Chrome/Black ***SMA-HTPLG-BK-00***

Chrome/Red ***SMA-HTPLG-RD-00***



Yamaha Front License Plate
This front license plate has a stylish mirrored chrome finish. For use on cars and trucks in states that do not require two plates.

SMA-LICPL-SL-00

Speedy-Hitch Camera System™
Speedy-Hitch camera makes backing up a trailer safe and hassle free. With Speedy-Hitch wireless camera, hitching a trailer becomes a one-person task. Line up ball and hitch perfectly every time. Now you can easily see what's behind you when backing your truck, auto, or trailer. This portable camera can be used for marine, motorcycles, RVs, snowmobiles, SUVs, ATVs, and camper trailers. Speedy-Hitch Camera is great for reversing trailers into tight storage places. For even easier backing of a trailer use the "Reverse Image" button on the monitor. When you press the reverse image button the image you see in the monitor is now reversed. This can make backing easier because what direction you turn the steering wheel is the direction the trailer goes. Speedy Hitch camera works day and night with infrared technology. Installation requires no wiring because it is wireless. Both the camera and monitor include rechargeable batteries. The camera has a magnetic mount so no screws or fasteners are necessary. Stick it to your bumper, tailgate, or on the trailer itself. Remove when finished and store in carrying bag. The monitor features full color LCD 960 x 240 image. Two rechargeable lithium batteries, carrying bag and 12-volt charger are included.

SBT-HITCH-CA-M0



Boat Starter Kits



Boat Starter Kit

Here's a convenient way to get started with supplies you need for your boat. Kit provides four U.S. Coast Guard Approved/UL Listed PFDs that are adjustable to fit most adults (sizes small to large), plus an approved Type IV throwable flotation device, and a generously sized nylon case to store them in when you aren't boating. Kit also includes a 3.5-oz. air horn and an easy-to-pack first aid kit. For your docking needs, the kit has two black 24" Boat Contour Fenders, two No-Slip Fender Straps (shown attached to cleats, not included), and four white 15-foot dock lines. (No Yamaha logo.)

SBT-BOATK-IT-09



Yamaha Boat Starter Kit

Here's a convenient way to get started with supplies you need for your Yamaha Boat. Kit provides four U.S. Coast Guard Approved/UL Listed PFDs that are adjustable to fit most adults (sizes small to large), plus an approved Type IV throwable flotation device, and a generously sized nylon case to store them in when you aren't boating. Kit also includes a 3.5-oz. air horn and an easy-to-pack first aid kit. For your docking needs, the kit has two black Yamaha 24" Boat Contour Fenders, two No-Slip Fender Straps (shown attached to cleats, not included), and four white 15-foot dock lines. Accented with the Yamaha logo.

SBT-BOATK-IT-08

Personal Flotation Devices

Adult Yamaha Neoprene 2-Buckle PFD
Neoprene construction for maximum comfort. Form fitting to eliminate chafing and discomfort. Front zip entry with two belts for added strength and hidden webbing. U.S. Coast Guard Approved/UL Listed.

Blue ***MAR-13VNE-BL-(XS~XX)***

Gray ***MAR-13VNE-GY-(XS~XX)***

Red ***MAR-13VNE-RD-(XS~XX)***



Youth Yamaha Neoprene 2-Buckle PFD
Neoprene construction for maximum comfort. Form fitting to eliminate chafing and discomfort. Front zip entry with two belts for added strength and hidden webbing. U.S. Coast Guard Approved/UL Listed.

Blue ***MAR-13VNE-BL-YT***

Pink ***MAR-13VNE-PK-YT***



Women's Yamaha Neoprene 2-Buckle PFD
Neoprene construction for maximum comfort. Form fitting to eliminate chafing and discomfort. Front zip entry with two belts for added strength and hidden webbing. U.S. Coast Guard Approved/UL Listed.

Blue ***MAW-13VNE-BL-(XS~XX)***

Yellow ***MAW-13VNE-YE-(XS~XX)***

Black ***MAW-13VNE-BK-(XS~XX)***

Pink ***MAW-13VNE-PK-(XS~XX)***





Side Entry Nylon PFD
Front, side, and back foam, heavy-duty coated nylon, and screenprinted Yamaha logos. U.S. Coast Guard Approved/UL Listed. Unisex. *(SD-Fits Small/Medium LX-Fits Large/Extra Large)*

Blue ***MAR-12VSE-BL (SD, LX)***
Black ***MAR-12VSE-BK (SD, LX)***
Red ***MAR-12VSE-RD (SD, LX)***



Value 4-Buckle PFD
Unisex PFD has screenprinted Yamaha logos. Front, side, and back foam with Heavy-duty coated nylon. U.S. Coast Guard Approved/UL Listed. *(SD-Fits Small/Medium LX-Fits Large/Extra Large XX-Fits Extra Extra Large)*

Blue ***MAR-12V4V-BL-(SD, LX, XX)***
Black ***MAR-12V4V-BK-(SD, LX, XX)***
Red ***MAR-12V4V-RD-(SD, LX, XX)***



Yamaha 3-Buckle PFD
Unisex PFD has screenprinted Yamaha logos. Front, side, and back foam with Heavy-duty coated nylon. U.S. Coast Guard Approved/UL Listed.

Blue ***MAR-12V3B-BL-(SM~3X)***
Black ***MAR-12V3B-BK-(SM~3X)***
Red ***MAR-12V3B-RD-(SM~3X)***

Yamaha Angler Nylon PFD

Red ***MAR-10FVA-RD-(SM~XX)***

Black ***MAR-10FVA-BK-(SM~4X)***



Yamaha Mesh Nylon Fishing PFD

Black -Youth ***MAR-10FVM-BK-YT***

Black – Adult ***MAR-10FVM-BK-(SM~4X)***

Khaki -Youth ***MAR-10FVM-KH-YT***

Khaki – Adult (shown) ***MAR-10FVM-KH-(SM~XX)***



Children's Nylon Yamaha PFD

Unisex PFD with screenprinted Yamaha logos on heavy-duty coated nylon covering front and back foam. Infant size has a reflective pillow to help keep child's head out of the water. Leg strap on Infant and Junior sizes. U.S. Coast Guard Approved/UL Listed.

Blue ***MAY-12V3B-BL-(IN/JR/YT)***

Red ***MAY-12V3B-RD-(IN/JR/YT)***

Pink ***MAY-12V3B-PK-(IN/JR/YT)***



Hats



Yamaha Red Logo Cap
Six-panel cap with Yamaha corporate logo embroidered on front.

Small/Medium, Black ***CRP-09HRY-BK-SM***
Large/X-Large, Black ***CRP-09HRY-BK-LG***
Small/Medium, White ***CRP-09HRY-WH-SM***
Large/X-Large, White ***CRP-09HRY-WH-LG***



Corporate Logo Baseball Cap
100% cotton brushed twill. Embroidered logos on front and back. Hook-and-loop back closure.

Navy ***CRP-10BBC-TF-NV***



Y" Cap
Cap features a die-cut "Y" felt letter. Embroidery on back. Available in Red or Royal

Small/Medium, Red ***CRP-09Y6P-RD-SM***
Large/X-Large, Red ***CRP-09Y6P-RD-LG***
Small/Medium, Royal ***CRP-09Y6P-RY-SM***
Large/X-Large, Royal ***CRP-09Y6P-RY-LG***



Basic Yamaha Beanie
100% acrylic. 3D Yamaha embroidery.

Black ***SMB-04HBA-BK-NS***
Red ***SMB-04HBA-RD-NS***

Long Sleeve Shirts

Yamaha Red Logo Hooded Sweatshirt
100% cotton. Screenprinted logo.

Size	Black	Grey
Small	CRP-11JRL-BK-SM	CRP-11JRL-GY-SM
Medium	CRP-11JRL-BK-MD	CRP-11JRL-GY-MD
Large	CRP-11JRL-BK-LG	CRP-11JRL-GY-LG
X-Large	CRP-11JRL-BK-XL	CRP-11JRL-GY-XL
XX-Large	CRP-11JRL-BK-XX	CRP-11JRL-GY-XX
3X	CRP-11JRL-BK-3X	CRP-11JRL-GY-3X



Yamaha Red Logo Crewneck Sweatshirt
100% cotton. Screenprinted logo.

Size	Black	Grey
Small	CRP-11JRC-BK-SM	CRP-11JRC-GY-SM
Medium	CRP-11JRC-BK-MD	CRP-11JRC-GY-MD
Large	CRP-11JRC-BK-LG	CRP-11JRC-GY-LG
X-Large	CRP-11JRC-BK-XL	CRP-11JRC-GY-XL
XX-Large	CRP-11JRC-BK-XX	CRP-11JRC-GY-XX
3X	CRP-11JRC-BK-3X	CRP-11JRC-GY-3X



Yamaha Red Logo Long Sleeve T-Shirt
100% cotton. Screenprinted logo.

Size	Black	White
Small	CRP-11LRL-BK-SM	CRP-11LRL-WH-SM
Medium	CRP-11LRL-BK-MD	CRP-11LRL-WH-MD
Large	CRP-11LRL-BK-LG	CRP-11LRL-WH-LG
X-Large	CRP-11LRL-BK-XL	CRP-11LRL-WH-XL
XX-Large	CRP-11LRL-BK-XX	CRP-11LRL-WH-XX
3X	CRP-11LRL-BK-3X	CRP-11LRL-WH-3X



Jackets



Team Yamaha Shop Jacket
Nylon outer. Quilted waist-length jacket. Embroidered patches.
Black with red stitching.

Size	Black
Small	CRP-12JTM-BK-SM
Medium	CRP-12JTM-BK-MD
Large	CRP-12JTM-BK-LG
X-Large	CRP-12JTM-BK-XL
XX-Large	CRP-12JTM-BK-XX



Yamaha 3-In-1 Jacket
Outer nylon shell. Nylon jacket inside with microfleece lining.

Size	Black
Small	CRP-12JTN-BK-SM
Medium	CRP-12JTN-BK-MD
Large	CRP-12JTN-BK-LG
X-Large	CRP-12JTN-BK-XL
XX-Large	CRP-12JTN-BK-XX
XXX-Large	CRP-12JTN-BK-3X



Quarter-Zip Fleece Jacket
80% cotton/ 20% polyester. Embroidered graphic on left-side chest.

Size	Navy
Small	CRP-11JZF-NV-SM
Medium	CRP-11JZF-NV-MD
Large	CRP-11JZF-NV-LG
X-Large	CRP-11JZF-NV-XL
XX-Large	CRP-11JZF-NV-XX
3X	CRP-11JZF-NV-3X

Short Sleeve Shirts

Yamaha Red Logo T-Shirt

Screenprinted logo on front and back.



Size	Black	White
Small	CRP-09SRL-BK-SM	CRP-09SRL-WH-SM
Medium	CRP-09SRL-BK-MD	CRP-09SRL-WH-MD
Large	CRP-09SRL-BK-LG	CRP-09SRL-WH-LG
X-Large	CRP-09SRL-BK-XL	CRP-09SRL-WH-XL
XX-Large	CRP-09SRL-BK-XX	CRP-09SRL-WH-XX
3X	CRP-09SRL-BK-3X	CRP-09SRL-WH-3X

Team Yamaha T-Shirt

100% cotton. Screenprinted graphics



Size	Black	White
Small	CRP-12STY-BK-SM	CRP-12STY-GY-SM
Medium	CRP-12STY-BK-MD	CRP-12STY-GY-MD
Large	CRP-12STY-BK-LG	CRP-12STY-GY-LG
X-Large	CRP-12STY-BK-XL	
XX-Large	CRP-12STY-BK-XX	

Yamaha Box T-Shirt

60% cotton. 40% polyester. Screenprinted graphic.



Size	Dark Gray
Small	CRP-12TBX-DG-SM
Medium	CRP-12TBX-DG-MD
Large	CRP-12TBX-DG-LG
X-Large	CRP-12TBX-DG-XL
XX-Large	CRP-12TBX-DG-XX



Team Yamaha Shop Shirt
65% polyester. 35% cotton. Embroidered patches. Black with red stitching.

Size	Black
Small	CRP-12TYS-BK-SM
Medium	CRP-12TYS-BK-MD
Large	CRP-12TYS-BK-LG
X-Large	CRP-12TYS-BK-XL
XX-Large	CRP-12TYS-BK-XX



Yamaha Crew Shirt
100% polyester. Short sleeve button-up shirt with patches.
Black

Size	Black
Small	CRP-12SCW-BK-SM
Medium	CRP-12SCW-BK-MD
Large	CRP-12SCW-BK-LG
X-Large	CRP-12SCW-BK-XL
XX-Large	CRP-12SCW-BK-XL
XXX-Large	CRP-12SCW-BK-XX



Yamaha Black Pit Shirt
100% polyester. Short sleeve button-up shirt with sponsor patches.
Black

Size	Black
Small	CRP-13PIT-BK-SM
Medium	CRP-13PIT-BK-MD
Large	CRP-13PIT-BK-LG
X-Large	CRP-13PIT-BK-XL
XX-Large	CRP-13PIT-BK-XL
XXX-Large	CRP-13PIT-BK-XX

Yamaha Red Pit Shirt
65% polyester, 35% cotton, with 100% polyester contrast mesh panels. Embroidered Yamaha and sponsor logos.
Red

Size	Black
Small	CRP-09PIT-RD-SM
Medium	CRP-09PIT-RD-MD
Large	CRP-09PIT-RD-LG
X-Large	CRP-09PIT-RD-XL
XX-Large	CRP-09PIT-RD-XL
XXX-Large	CRP-09PIT-RD-XX



Sun Glasses

Quanta™ (Black Frame/ Gray with Black Mirror Lens)
Built from bomb-proof Grilamid®. Anti-scratch hydrophobic and oleophobic lens coating. Impact-resistant polycarbonate lenses. 100% UVA, B, and C protection. Hytrel® rubber nose pads and temple tips.
GLS-QUANT-BK-NS



Alpha™
Built from bomb-proof Grilamid®. Anti-scratch hydrophobic and olephobic lens coating. Impact-resistant polycarbonate lenses. 100% UVA, B, and C protection. Hytrel® rubber nose pads and temple tips.

Metallic Silver/ Gray with Blue Spectra Lens ***GLS-ALPHA-MS-NS***

Black Frame/ Gray with Black Mirror Lens ***GLS-ALPHA-BK-NS***



McCoy™
Built tough and stylish.

Primer Frame/ Primer Gray Lens ***GLS-MCCOY-PR-NS***

Black Frame/ Gray Polarized Lens ***GLS-MCCOY-BK-PO***

White Frame/ Gray Lens ***GLS-MCCOY-WH-NS***



Women's Apparel



Women's Yamaha Red Logo Tee
100% cotton. Screenprinted Yamaha logo on chest. Classic fit.
Black ***CRW-11SRL-BK-(SM~XX)***



Women's Long Sleeve T-Shirt
100% cotton. Yamaha logo on chest.
Small ***CRW-11LSM-BK-(SM ~ 3X)***



Women's Long Sleeve Raglan Tee
100% cotton. Screenprinted graphic
Small ***CRW-12LTY-WH-(SM ~ XX)***



Women's Yamaha Soft Shell Jacket
96% polyester, 4% spandex. Inner fleece is 100% polyester and microfleece bonded. Embroidered Yamaha logo on left chest.

Black/Gray ***CRW-09JSS-BK-(MD~XL)***



Polar Fleece Jacket
100% polyester microfleece. Embroidered Yamaha logo on left-side chest. Zip Pockets.

Pink ***CRW-11JPP-PK-(SM~XX)***



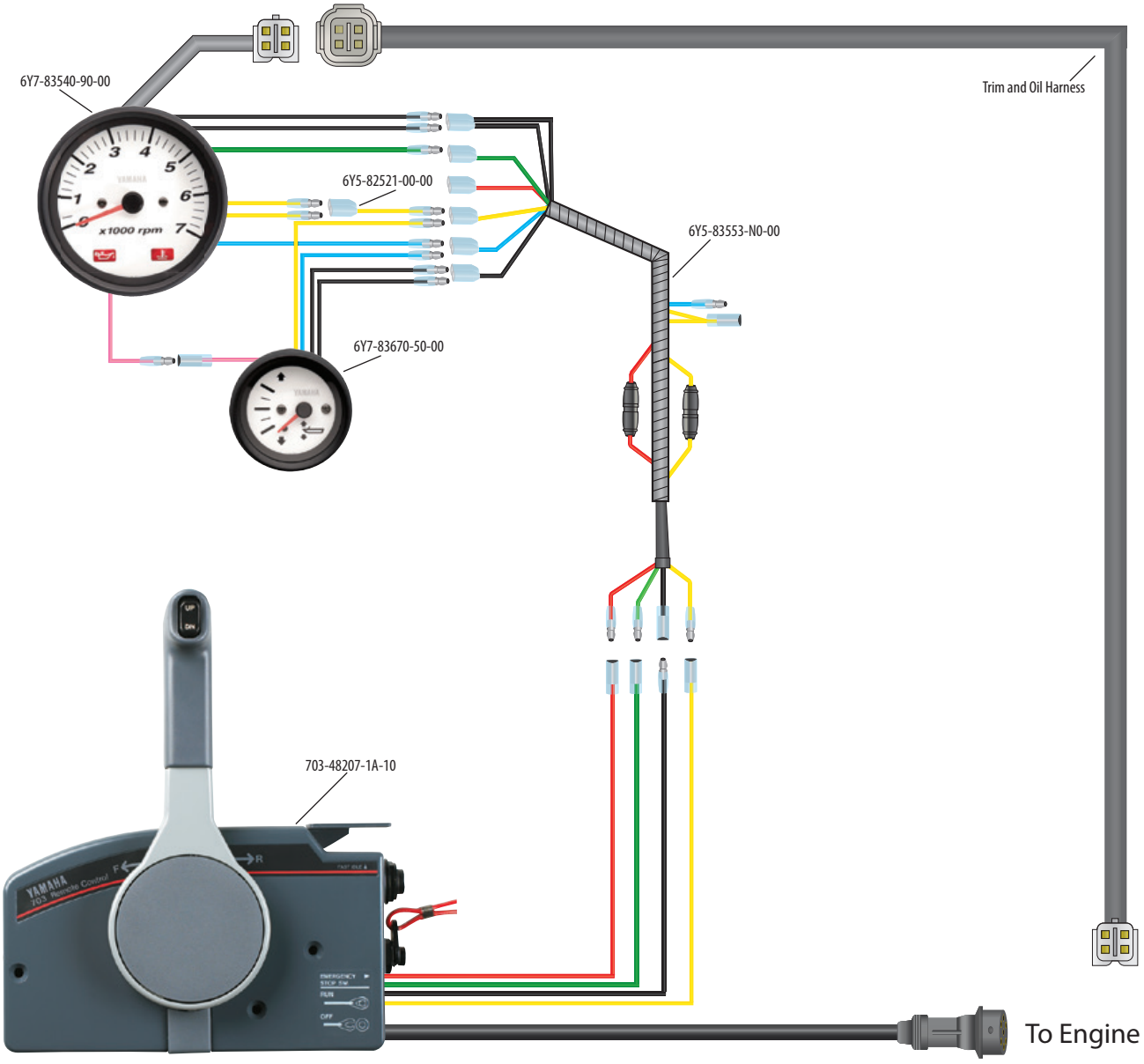
Yamaha Red Logo Zip Sweatshirt
100% cotton. Screenprint logo.

Gray ***CRW-11JRL-GY-(SM~XL)***

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Mechanical Controls - Single Engine with Analog Gauges



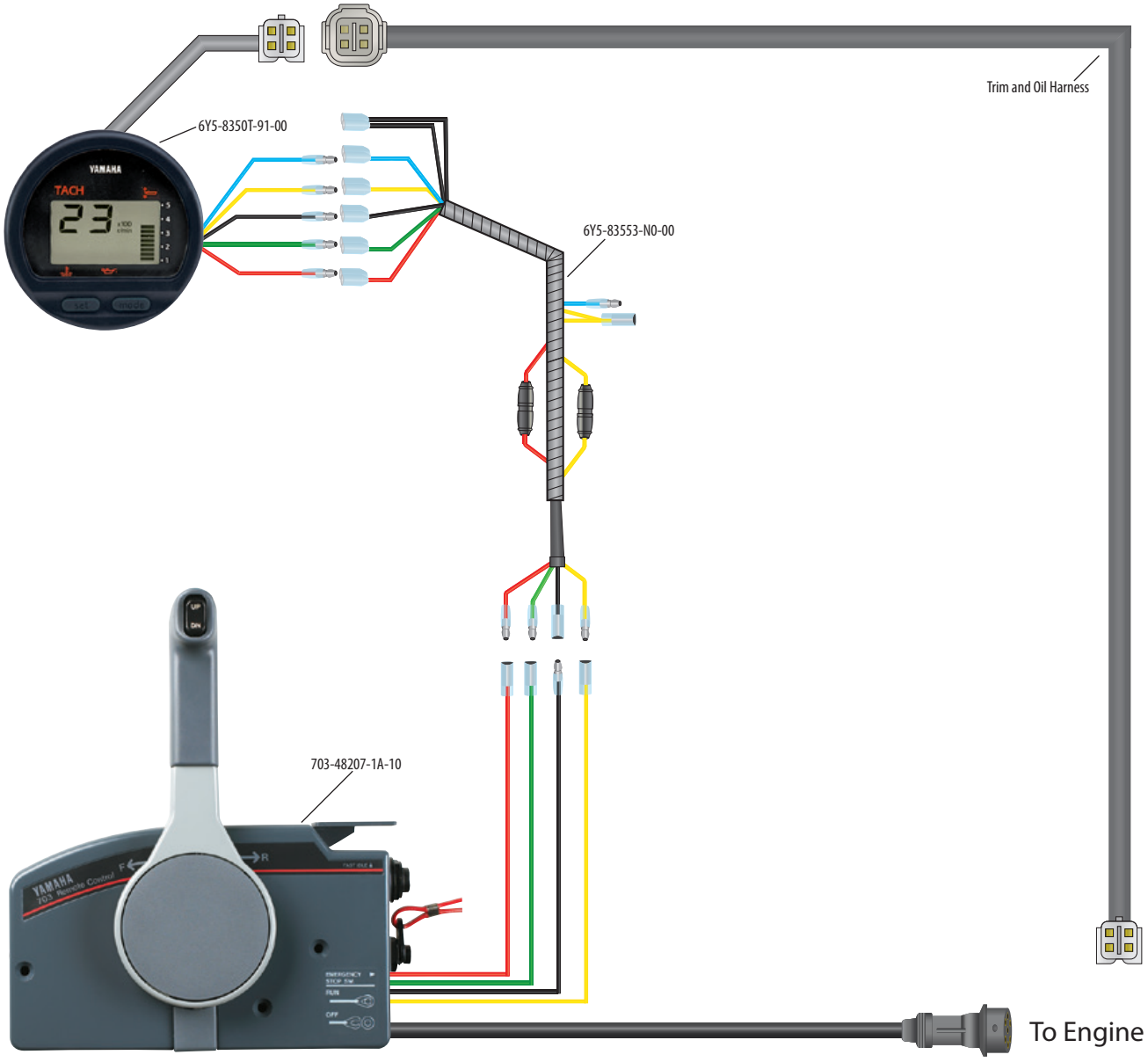
Parts order list for basic installation:

Quantity	Description	Part Number
1	703 Side Mount Control with 10 Pin Harness	703-48207-1A-10
1	Analog Tachometer	6Y7-83540-90-00
1	Analog Trim Meter	6Y7-83670-50-00
1	Dual Fuse Harness	6Y5-83553-N0-00
1	Yellow Wire Extension	6Y5-82521-00-00
1	2005~ Trim and Oil Harness	See List[1]

[1] 2005~ Trim and Oil Harness

16.4 ft.	6Y5-83653-00-00
19.7 ft.	6Y5-83653-10-00
23 ft.	6Y5-83653-20-00
26.3 ft.	6Y5-83653-30-00
30 ft.	6Y5-83653-40-00
35 ft.	6Y5-83653-50-00

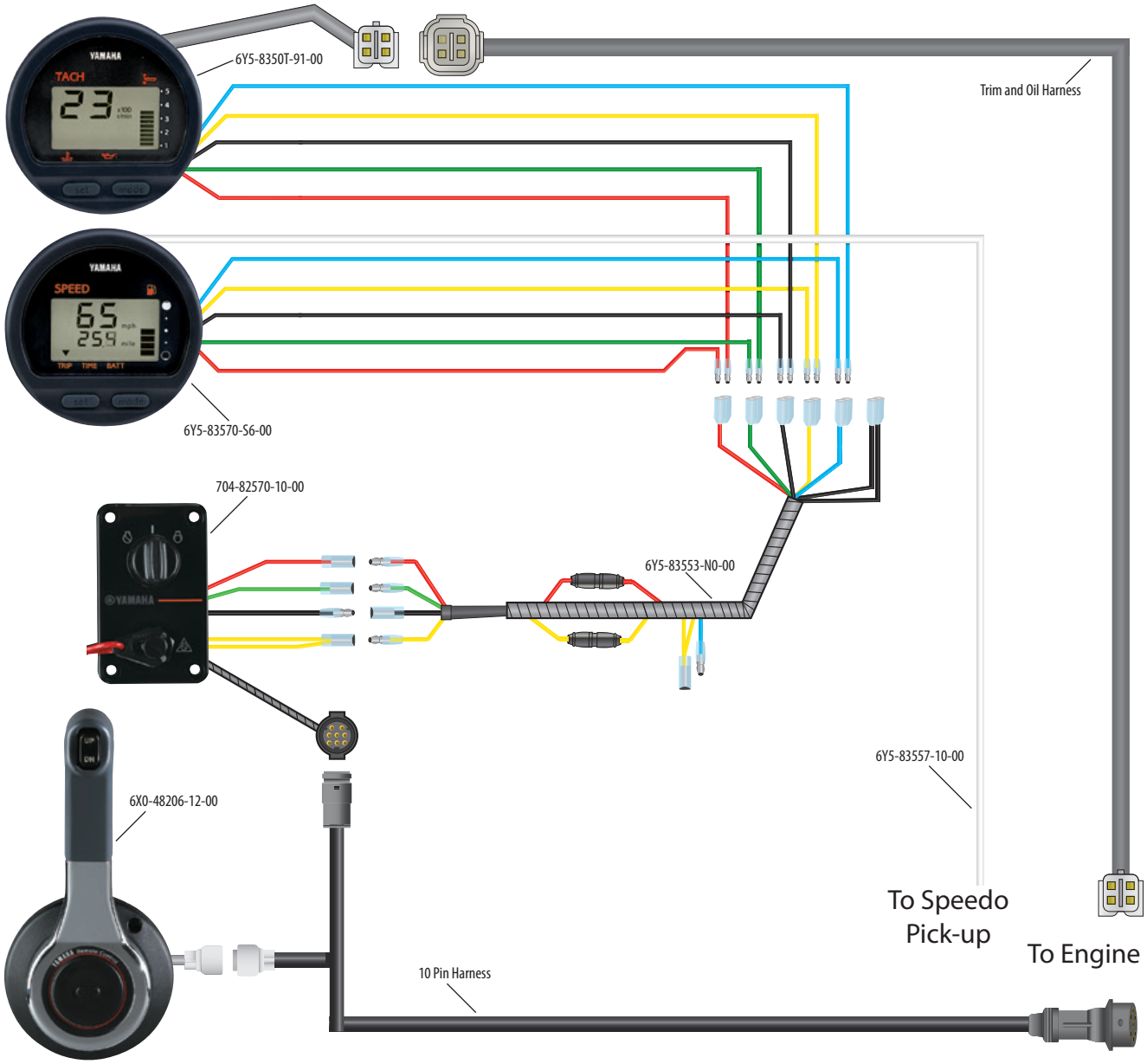
Mechanical Controls - Single Engine with Multifunction Gauge



Parts order list for basic installation:

Quantity	Description	Part Number
1	703 Side Mount Control with 10 Pin Harness	703-48207-1A-10
1	Multifunction Single Engine Tachometer Kit	6YR-W0035-E3-00

Mechanical Controls - Single Engine with Multifunction Gauges



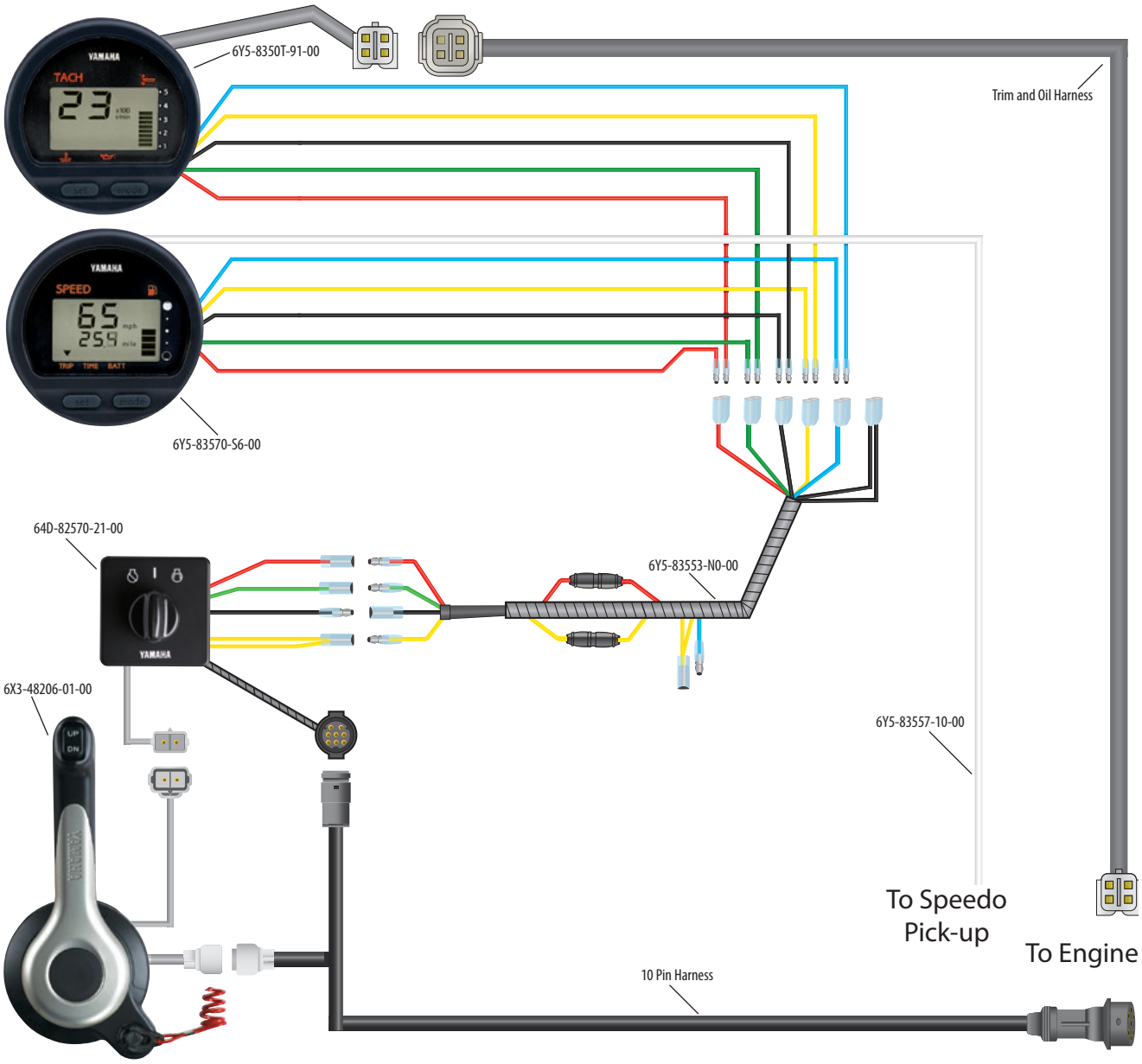
Parts order list for basic installation:

Quantity	Description	Part Number
1	6X0 Standard Flush Mount Control	6X0-48206-12-00
1	Single Engine Key Switch	704-82570-10-00
1	Multifunction Tach and Speed Kit	6YR-W0035-F3-00
1	10-Pin Main Harness	See List[1]

[1] 10-Pin Harnesses

16 ft.	688-8258A-50-00
20 ft.	688-8258A-60-00
23 ft.	688-8258A-70-00
26 ft.	6K1-8258A-40-00
31.2 ft.	61B-8258A-01-00

Mechanical Controls - Single Engine with Multifunction Gauges



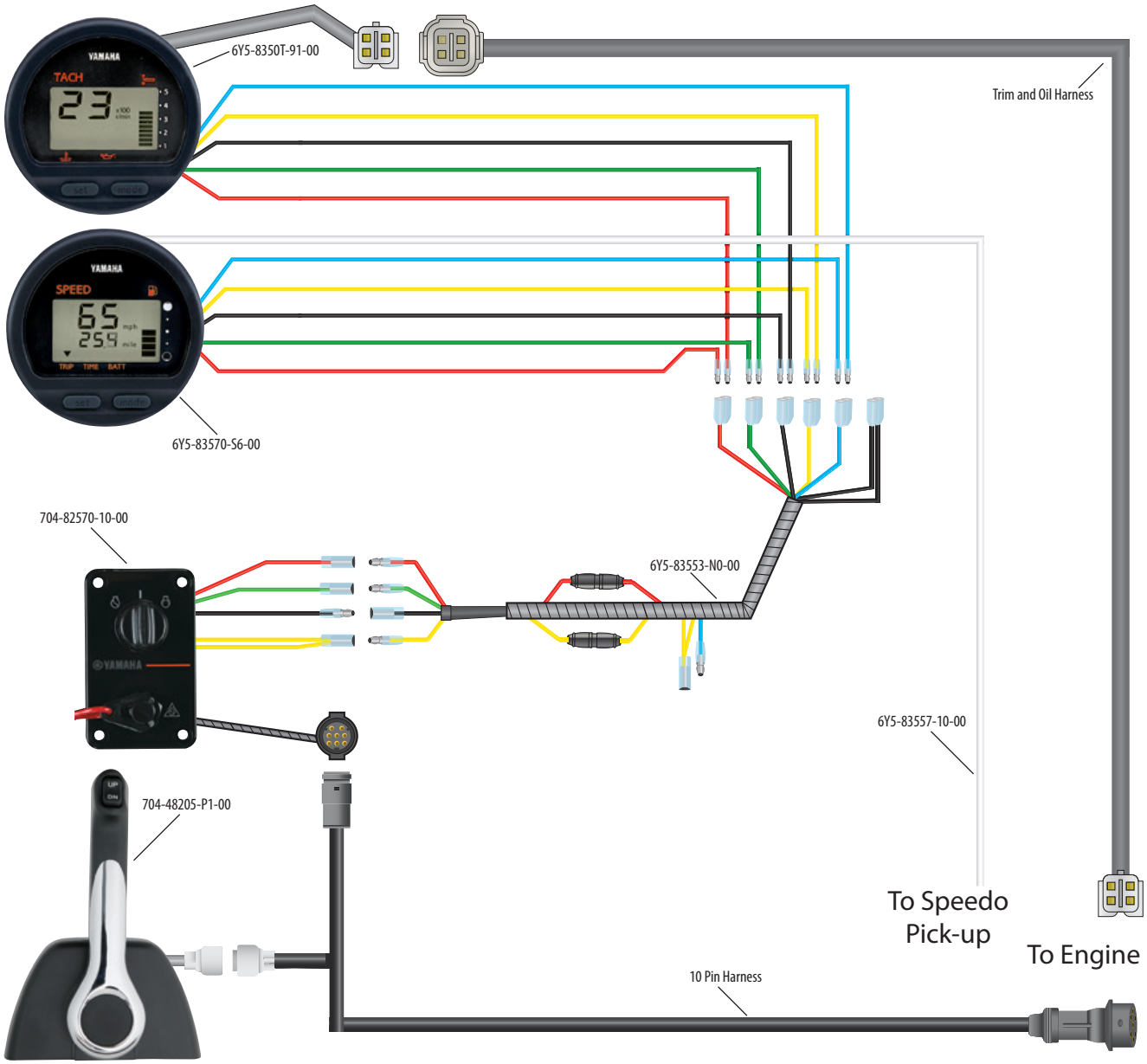
[1]10-Pin Harnesses

16 ft.	688-8258A-50-00
20 ft.	688-8258A-60-00
23 ft.	688-8258A-70-00
26 ft.	6K1-8258A-40-00
31.2 ft.	61B-8258A-01-00

Parts order list for basic installation:

Quantity	Description	Part Number
1	6X3 Premium Flush Mount Control Box	6X3-48206-01-00
1	Single Engine Key Switch	64D-82570-21-00
1	Multifunction Tach and Speed Kit	6YR-W0035-F3-00
1	10-Pin Main Harness	See List[1]

Mechanical Controls - Single Engine with Multifunction Gauges



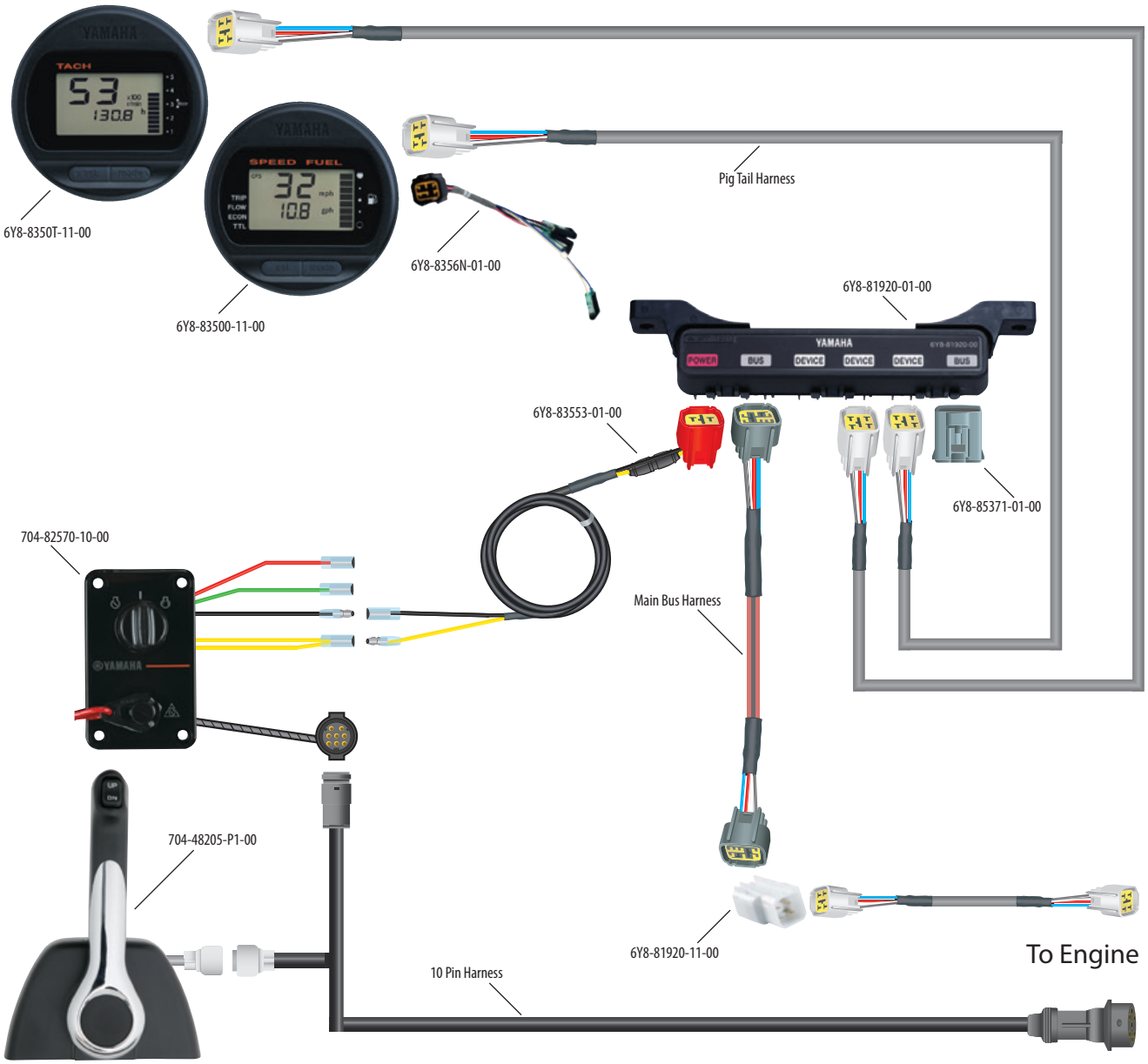
Parts order list for basic installation:

Quantity	Description	Part Number
1	Premium 704 Single Engine Binnacle Control Box	704-48205-P1-00
1	Single Engine Key Switch	704-82570-10-00
1	Multifunction Tach and Speed Kit	6YR-W0035-F3-00
1	10-Pin Main Harness	See List[1]

[1] 10-Pin Harnesses

16 ft.	688-8258A-50-00
20 ft.	688-8258A-60-00
23 ft.	688-8258A-70-00
26 ft.	6K1-8258A-40-00
31.2 ft.	61B-8258A-01-00

Mechanical Controls - Single Engine with Command Link® Gauges



[1] 10-Pin Harnesses

16 ft.	688-8258A-50-00
20 ft.	688-8258A-60-00
23 ft.	688-8258A-70-00
26 ft.	6K1-8258A-40-00
31.2 ft.	61B-8258A-01-00

[2] Main Buss Harnesses

1 ft.	6Y8-82553-01-00
10 ft.	6Y8-82553-50-00
15 ft.	6Y8-82553-11-00
20 ft.	6Y8-82553-21-00
25 ft.	6Y8-82553-31-00
30 ft.	6Y8-82553-41-00

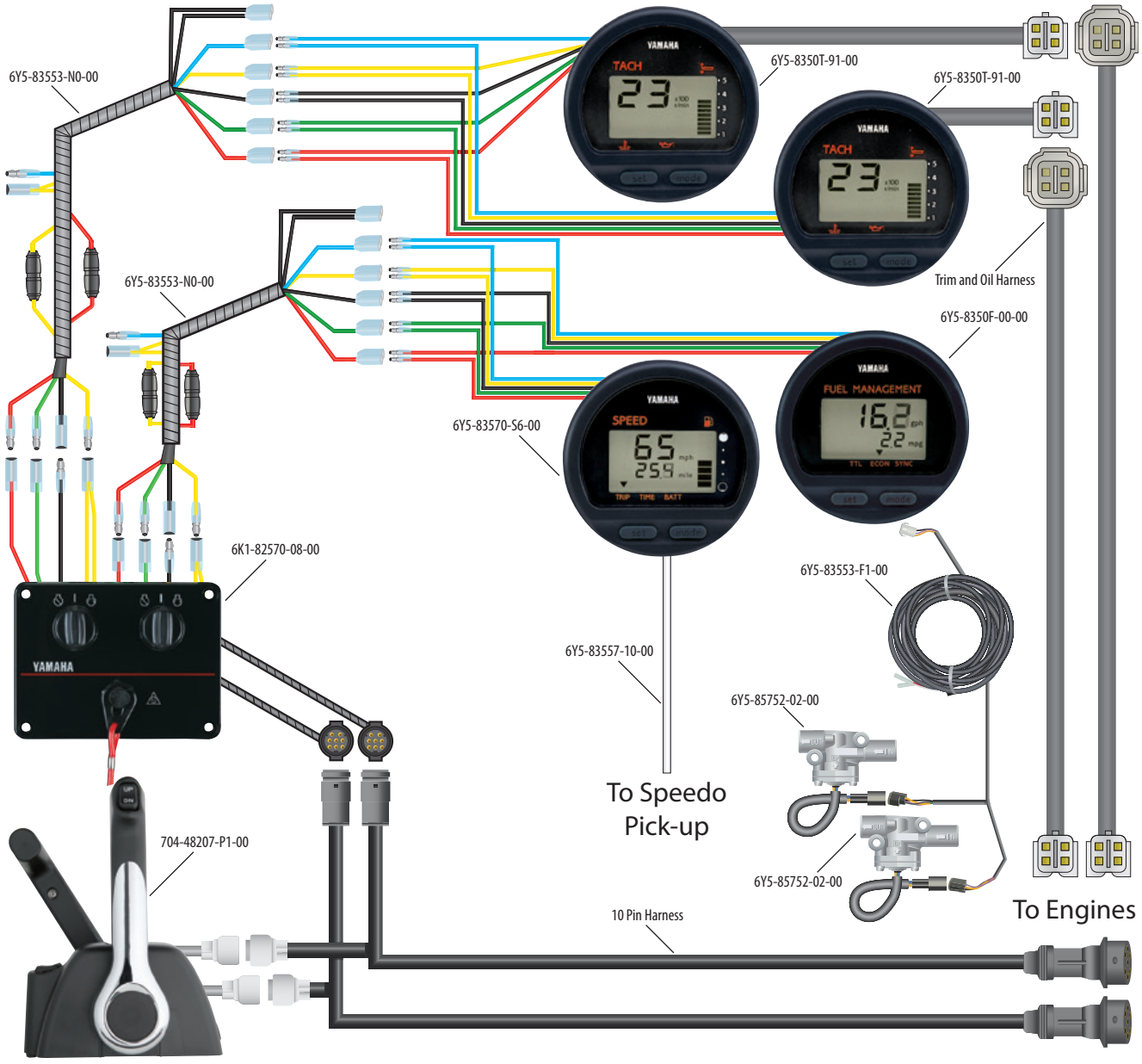
[3] Pigtail Harnesses

1 ft.	6Y8-82521-01-00
2 ft.	6Y8-82521-11-00
3 ft.	6Y8-82521-21-00
6 ft.	6Y8-82521-31-00
9 ft.	6Y8-82521-41-00
12 ft.	6Y8-82521-51-00

Parts order list for basic installation:

Quantity	Description	Part Number
1	Premium 704 Single Engine Binnacle Control Box	704-48205-P1-00
1	Single Engine Key Switch	704-82570-10-00
1	Command Link® Round Gauge Kit with In-line Hub	6Y8-0083R-70-00
1	10-Pin Main Harness	See List [1]
1	Main Buss Harness, Rear In-line Hub to Front Hub	See List [2]
2	Pigtail Harnesses, Front Hub to Gauges	See List [3]

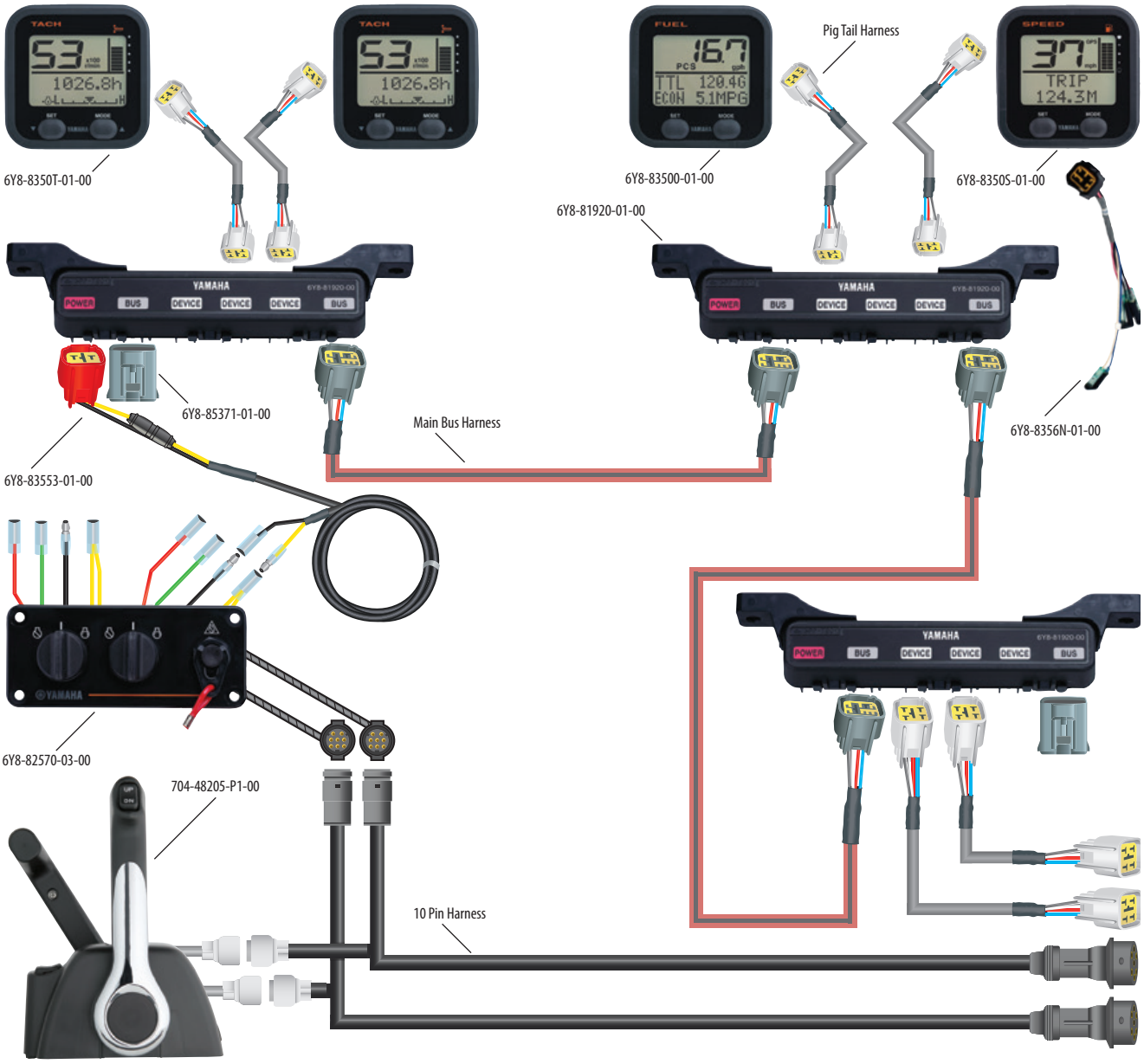
Mechanical Controls - Twin Engines with Multifunction Gauges



Parts order list for basic installation:

Quantity	Description	Part Number
1	Twin Engine Multifunction Tach and Fuel Kit w/ 704 Control	6YR-W0035-G5-00
1	Multifunction Tach and Speed Kit	6YR-W0035-F3-00
1	Multifunction Tach and Speed Kit	6YR-W0035-F3-00

Mechanical Controls - Twin Engines with Command Link® Gauges



[1] Main Buss Harnesses

1 ft.	6Y8-82553-01-00
10 ft.	6Y8-82553-50-00
15 ft.	6Y8-82553-11-00
20 ft.	6Y8-82553-21-00
25 ft.	6Y8-82553-31-00
30 ft.	6Y8-82553-41-00

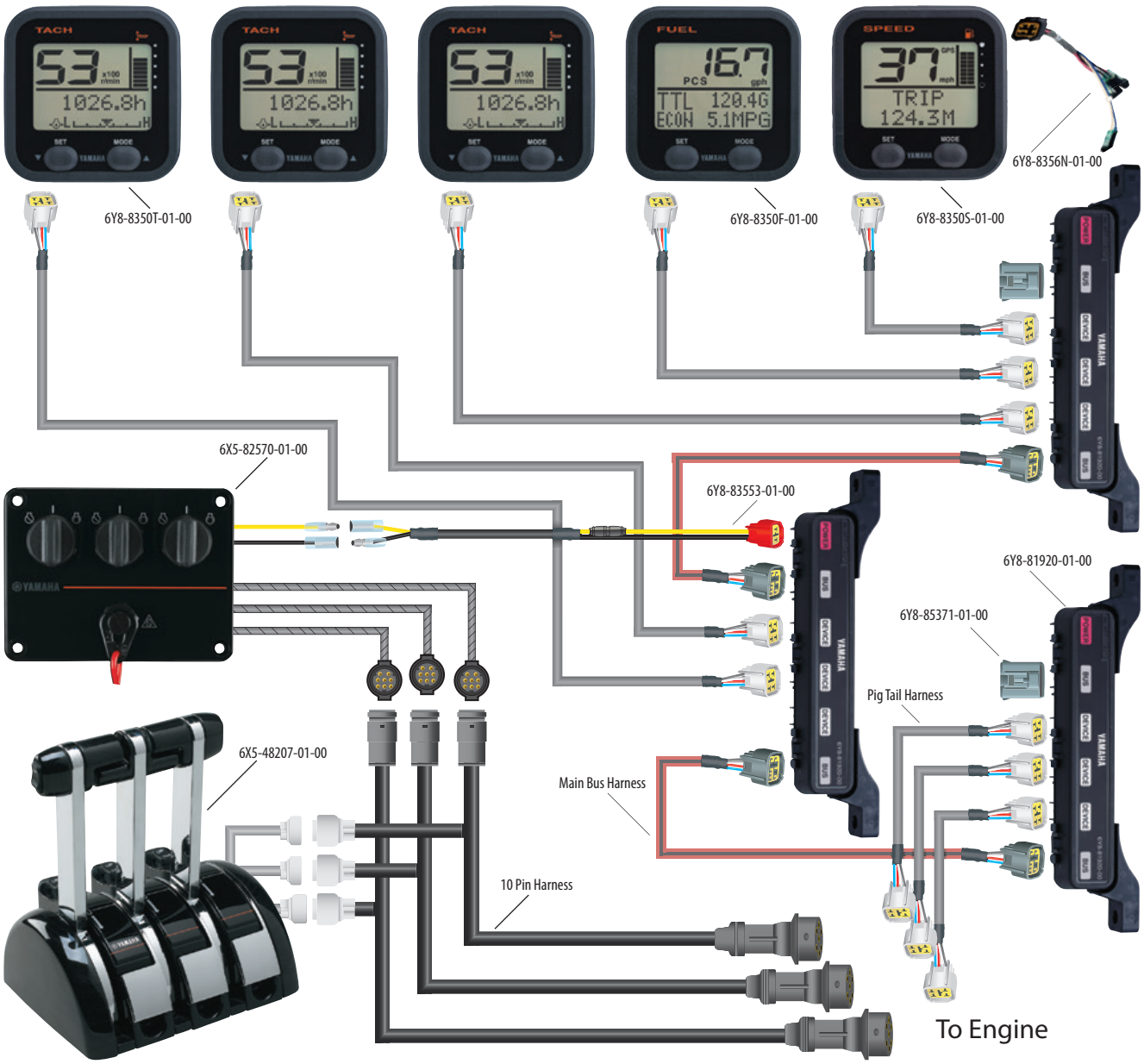
[2] Pigtail Harnesses

1 ft.	6Y8-82521-01-00
2 ft.	6Y8-82521-11-00
3 ft.	6Y8-82521-21-00
6 ft.	6Y8-82521-31-00
9 ft.	6Y8-82521-41-00
12 ft.	6Y8-82521-51-00

Parts order list for basic installation:

Quantity	Description	Part Number
1	Command Link® Twin Engine Four Gauge Kit w/ 704 Control	6Y8-WE83S-20-00
1	Main Bus Harness, Rear Hub to Front Hub	See List[1]
4	Pigtail Harness, Front Hub to Gauges	See List[2]

Mechanical Controls - Triple Engines with Command Link® Gauges



Parts order list for basic installation:

Quantity	Description	Part Number
1	Command Link® Triple Engine Gauge Kit w/ 6X5 Control	6YR-W0035-G5-00
1	Main Bus Harness, Rear Hub to Front Hub	See List 1
5	Pigtail Harness, Front Hub to Gauges	See List [2]

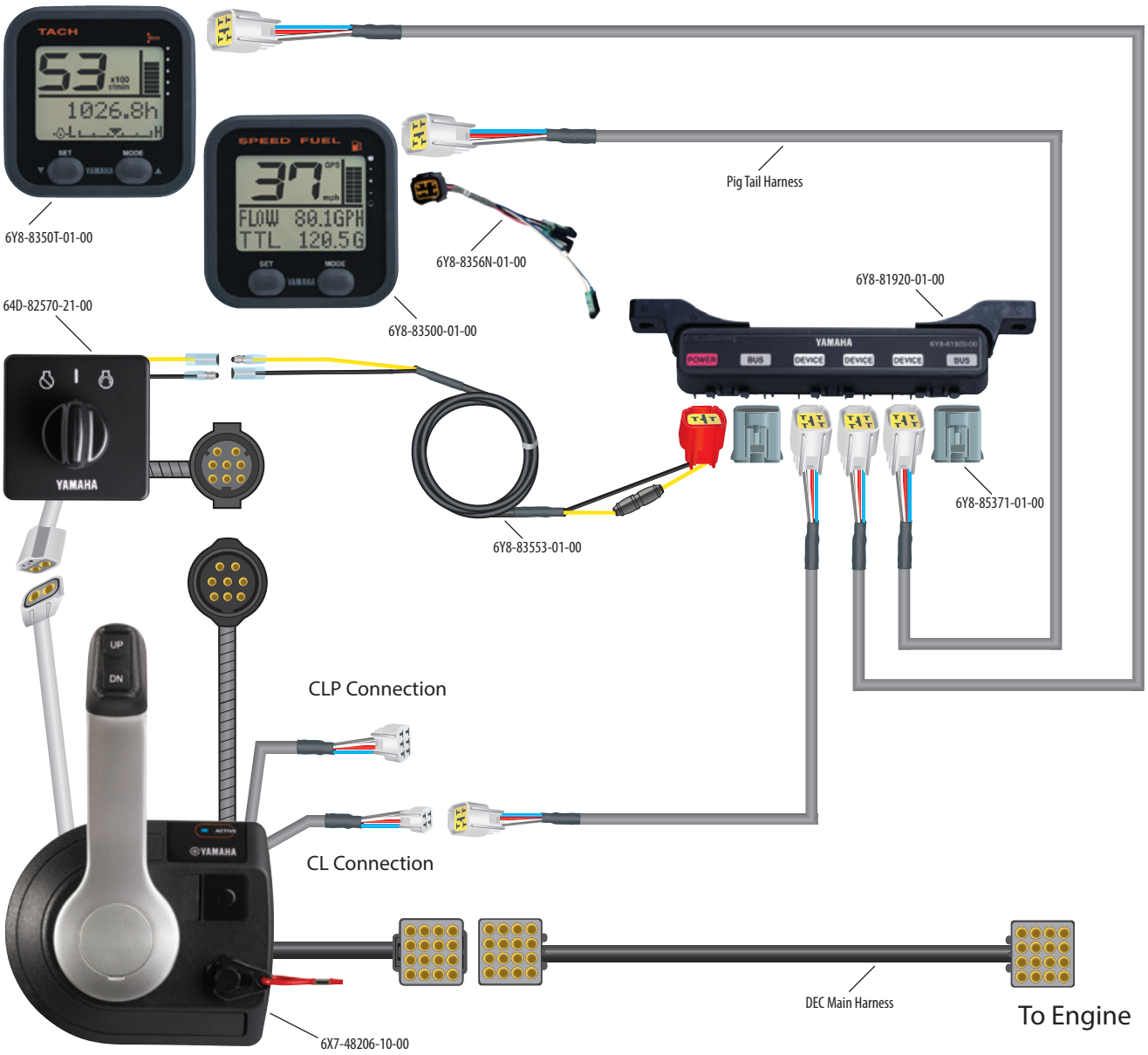
[1] Main Buss Harnesses

1 ft.	6Y8-82553-01-00
10 ft.	6Y8-82553-50-00
15 ft.	6Y8-82553-11-00
20 ft.	6Y8-82553-21-00
25 ft.	6Y8-82553-31-00
30 ft.	6Y8-82553-41-00

[2] Pigtail Harnesses

1 ft.	6Y8-82521-01-00
2 ft.	6Y8-82521-11-00
3 ft.	6Y8-82521-21-00
6 ft.	6Y8-82521-31-00
9 ft.	6Y8-82521-41-00
12 ft.	6Y8-82521-51-00

DEC - Single Engine with Command Link® Gauges, Main Station



[1] DEC Main Harnesses

20 ft.	6X6-8258A-00-00
23 ft.	6X6-8258A-10-00
26 ft.	6X6-8258A-20-00
33.5 ft.	6X6-8258A-30-00
39 ft.	6X6-8258A-40-00

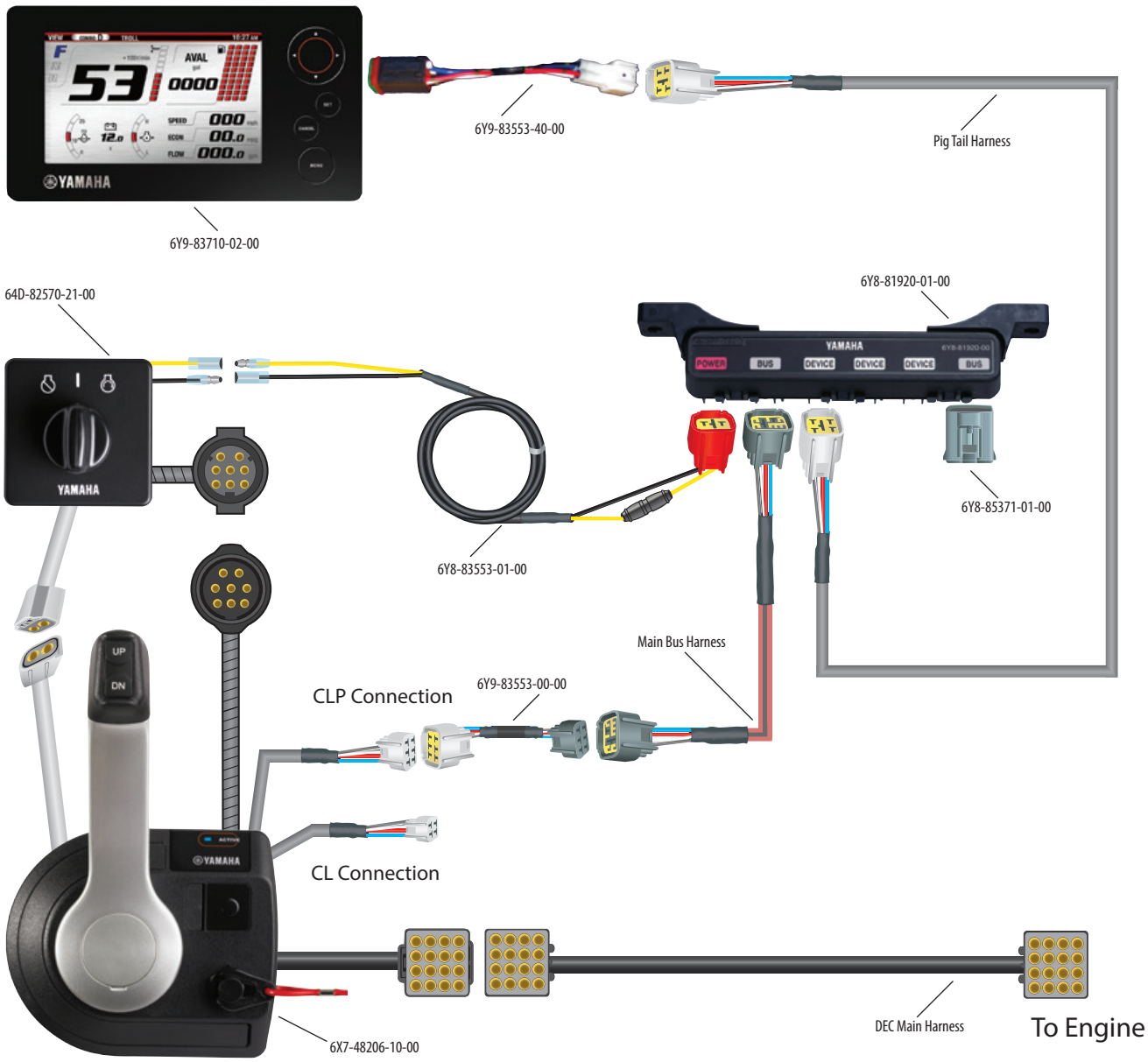
[2] Pigtail Harnesses

1 ft.	6Y8-82521-01-00
2 ft.	6Y8-82521-11-00
3 ft.	6Y8-82521-21-00
6 ft.	6Y8-82521-31-00
9 ft.	6Y8-82521-41-00
12 ft.	6Y8-82521-51-00

Parts order list for basic installation:

Quantity	Description	Part Number
1	Command Link Plus® Flush Mount Control	6X7-48206-10-00
1	Single Engine Key Switch	64D-82570-21-00
1	Command Link® Square Gauge DEC Main Station Kit	6X6-WE83S-20-00
1	DEC Main Harness	See List [1]
1	Pigtail Harness, Control box to hub	See List [2]
2	Pigtail Harness, Hub to gauges	See List [2]

DEC - Single Engine with Command Link® Plus Display, Main Station



Parts order list for basic installation:

Quantity	Description	Part Number
1	Command Link Plus® Flush Mount Control	6X7-48206-10-00
1	Single Engine Key Switch	64D-82570-21-00
1	Command Link Plus® Display Kit	MAR-CLPDU-KT-20
1	Command Link Plus® Display Installation Kit	MAR-CLPDI-KT-10
1	DEC Main Harness	See List [1]
1	Main Bus Harness, Control Box Adaptor to Hub	See List [2]
1	Pigtail Harness, Hub to Display Harness	See List [3]

[1] DEC Main Harnesses

20 ft.	6X6-8258A-00-00
23 ft.	6X6-8258A-10-00
26 ft.	6X6-8258A-20-00
33.5 ft.	6X6-8258A-30-00
39 ft.	6X6-8258A-40-00

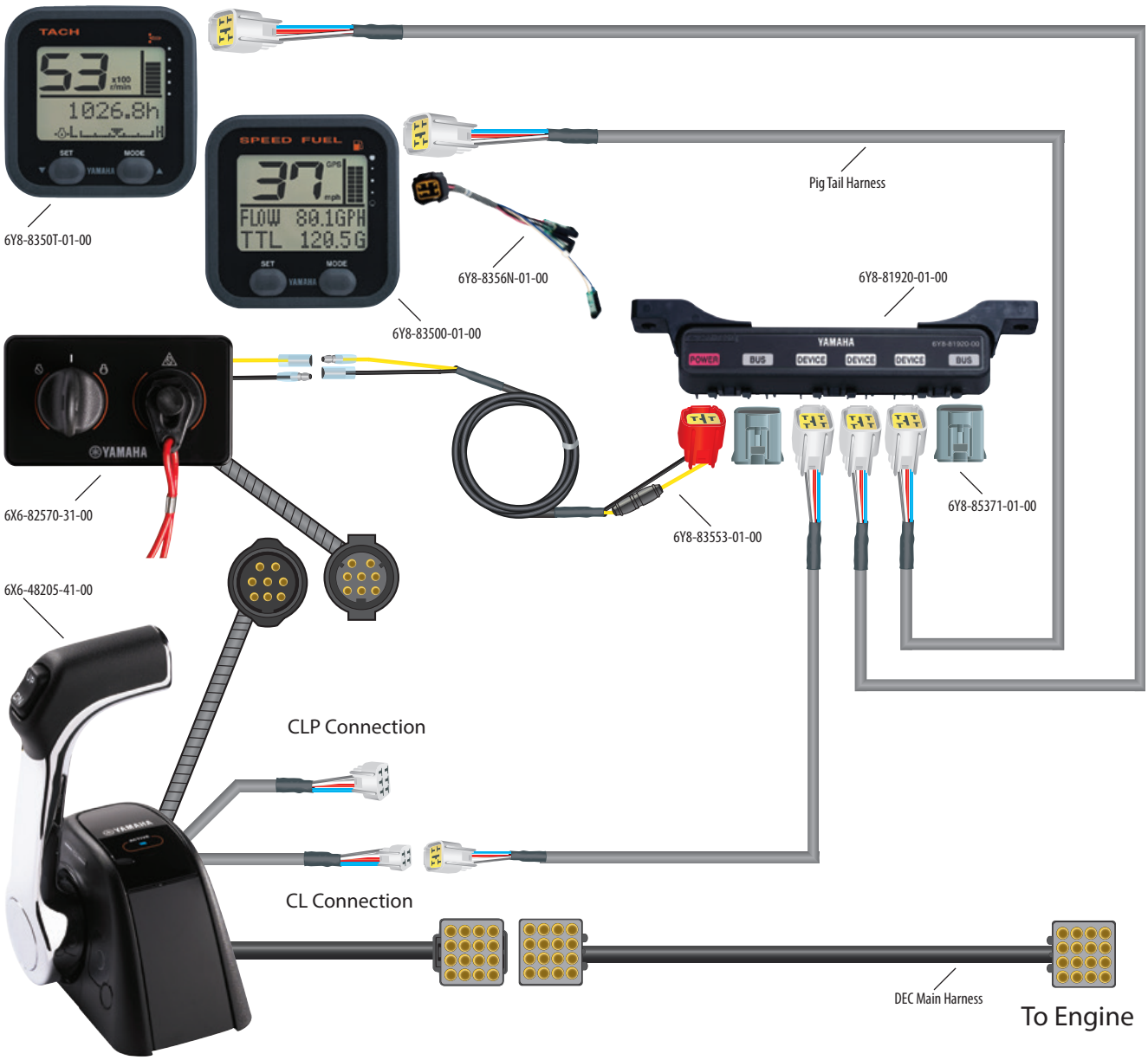
[2] Main Buss Harnesses

1 ft.	6Y8-82553-01-00
10 ft.	6Y8-82553-50-00
15 ft.	6Y8-82553-11-00
20 ft.	6Y8-82553-21-00
25 ft.	6Y8-82553-31-00
30 ft.	6Y8-82553-41-00

[3] Pigtail Harnesses

1 ft.	6Y8-82521-01-00
2 ft.	6Y8-82521-11-00
3 ft.	6Y8-82521-21-00
6 ft.	6Y8-82521-31-00
9 ft.	6Y8-82521-41-00
12 ft.	6Y8-82521-51-00

DEC - Single Engine with Command Link® Gauges, Main Station



[1] DEC Main Harnesses

20 ft.	6X6-8258A-00-00
23 ft.	6X6-8258A-10-00
26 ft.	6X6-8258A-20-00
33.5 ft.	6X6-8258A-30-00
39 ft.	6X6-8258A-40-00

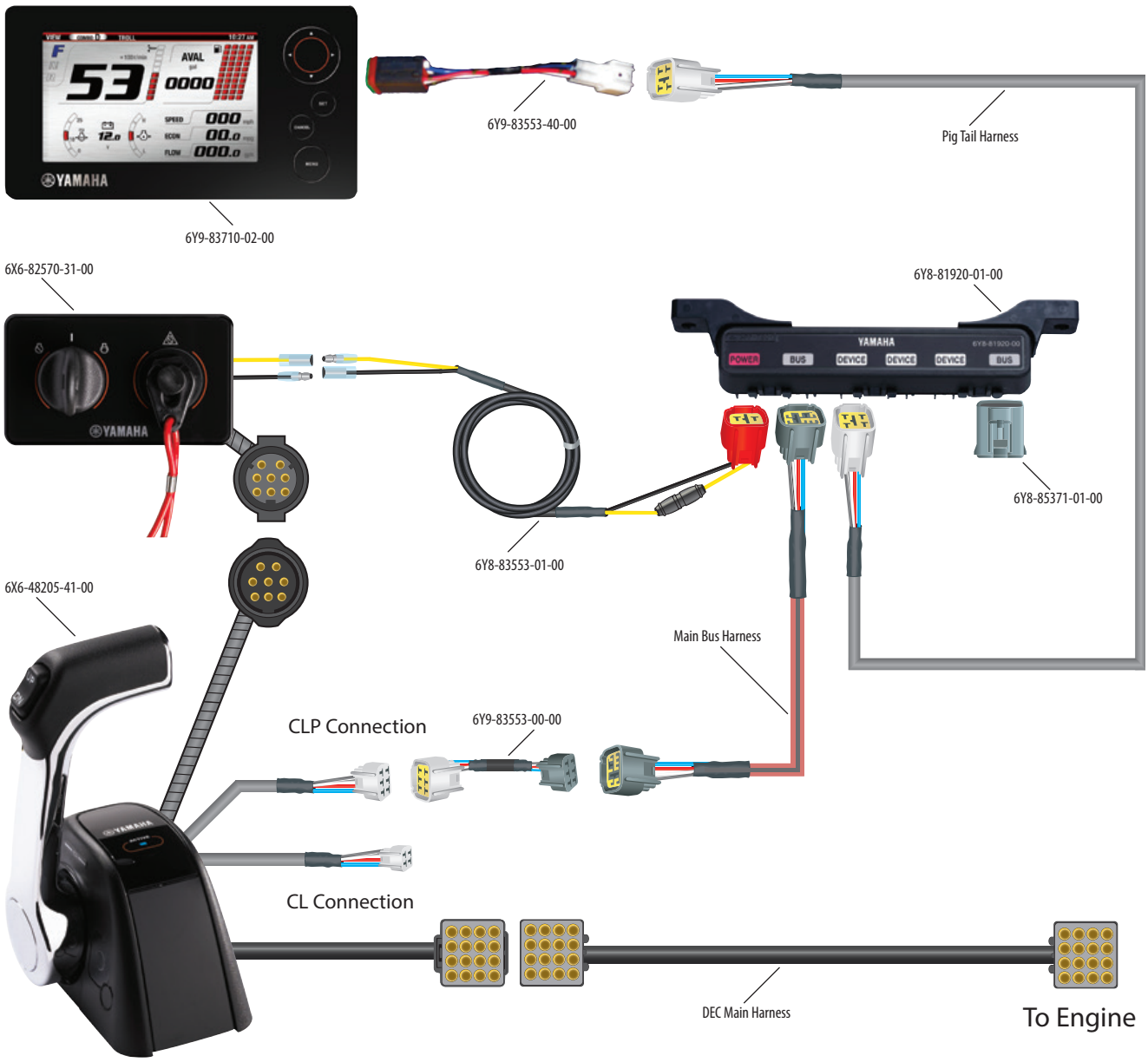
[2] Pigtail Harnesses

1 ft.	6Y8-82521-01-00
2 ft.	6Y8-82521-11-00
3 ft.	6Y8-82521-21-00
6 ft.	6Y8-82521-31-00
9 ft.	6Y8-82521-41-00
12 ft.	6Y8-82521-51-00

Parts order list for basic installation:

Quantity	Description	Part Number
1	Command Link Plus® Single Main Station Control	6X6-48205-41-00
1	Single Engine Key Switch	6X6-82570-31-00
1	Command Link® Square Gauge DEC Main Station Kit	6X6-WE83S-20-00
1	DEC Main Harness	See List [1]
1	Pigtail Harness, Control box to hub	See List [2]
2	Pigtail Harness, Hub to gauges	See List [2]

DEC - Single Engine with Command Link® Plus Display, Main Station



Parts order list for basic installation:

Quantity	Description	Part Number
1	Command Link Plus® Single Main Station Control	6X6-48205-41-00
1	Single Engine Key Switch	6X6-82570-31-00
1	Command Link Plus® Display Kit	MAR-CLPDU-KT-20
1	Command Link Plus® Display Installation Kit	MAR-CLPDI-KT-10
1	DEC Main Harness	See List [1]
1	Main Bus Harness, Control Box Adaptor to Hub	See List [2]
1	Pigtail Harness, Hub to Display Harness	See List [3]

[1] DEC Main Harnesses

20 ft.	6X6-8258A-00-00
23 ft.	6X6-8258A-10-00
26 ft.	6X6-8258A-20-00
33.5 ft.	6X6-8258A-30-00
39 ft.	6X6-8258A-40-00

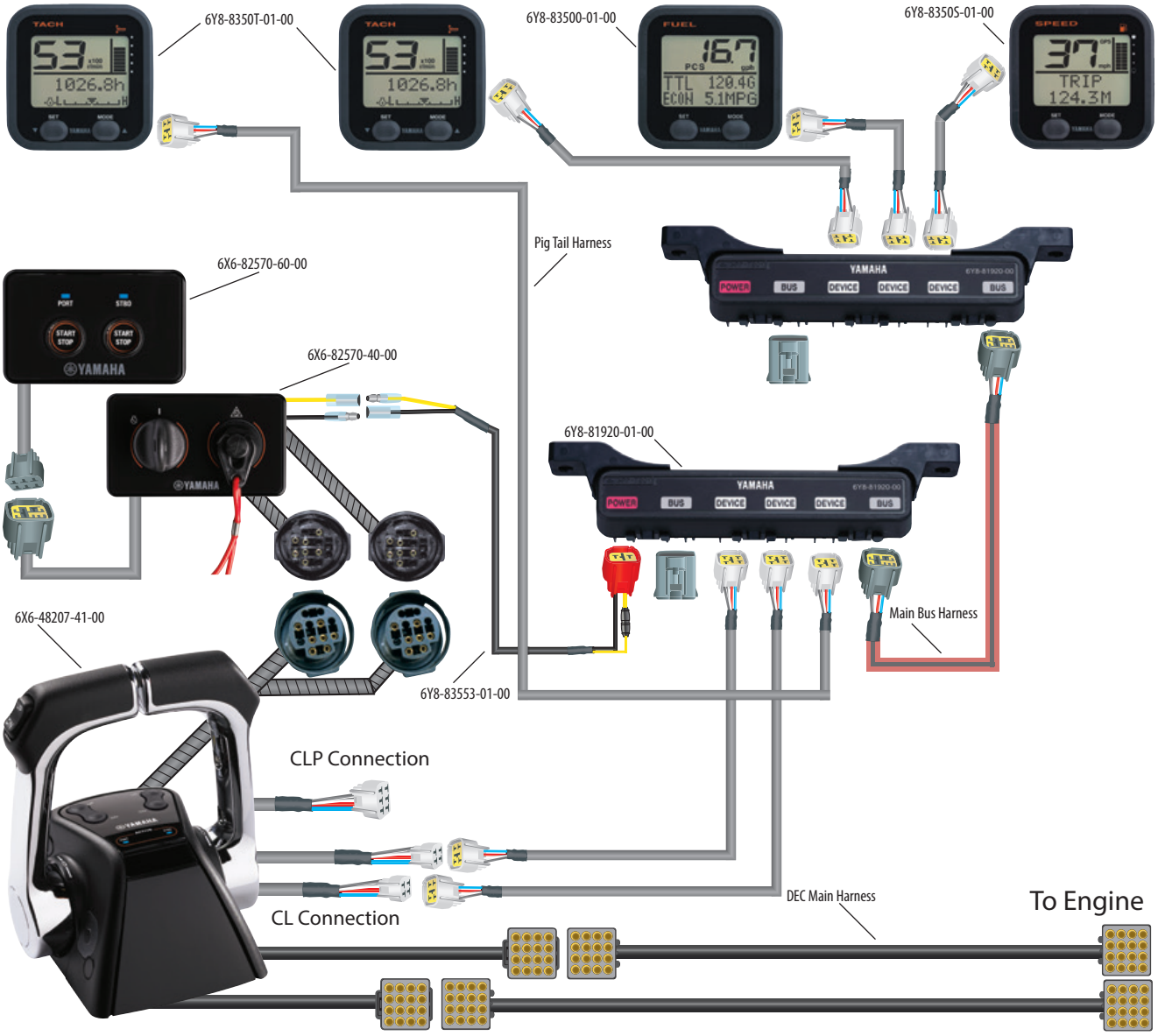
[2] Main Buss Harnesses

1 ft.	6Y8-82553-01-00
10 ft.	6Y8-82553-50-00
15 ft.	6Y8-82553-11-00
20 ft.	6Y8-82553-21-00
25 ft.	6Y8-82553-31-00
30 ft.	6Y8-82553-41-00

[3] Pigtail Harnesses

1 ft.	6Y8-82521-01-00
2 ft.	6Y8-82521-11-00
3 ft.	6Y8-82521-21-00
6 ft.	6Y8-82521-31-00
9 ft.	6Y8-82521-41-00
12 ft.	6Y8-82521-51-00

DEC - Twin Engines with Command Link® Gauges, Main Station



[1] DEC Main Harnesses

20 ft.	6X6-8258A-00-00
23 ft.	6X6-8258A-10-00
26 ft.	6X6-8258A-20-00
33.5 ft.	6X6-8258A-30-00
39 ft.	6X6-8258A-40-00

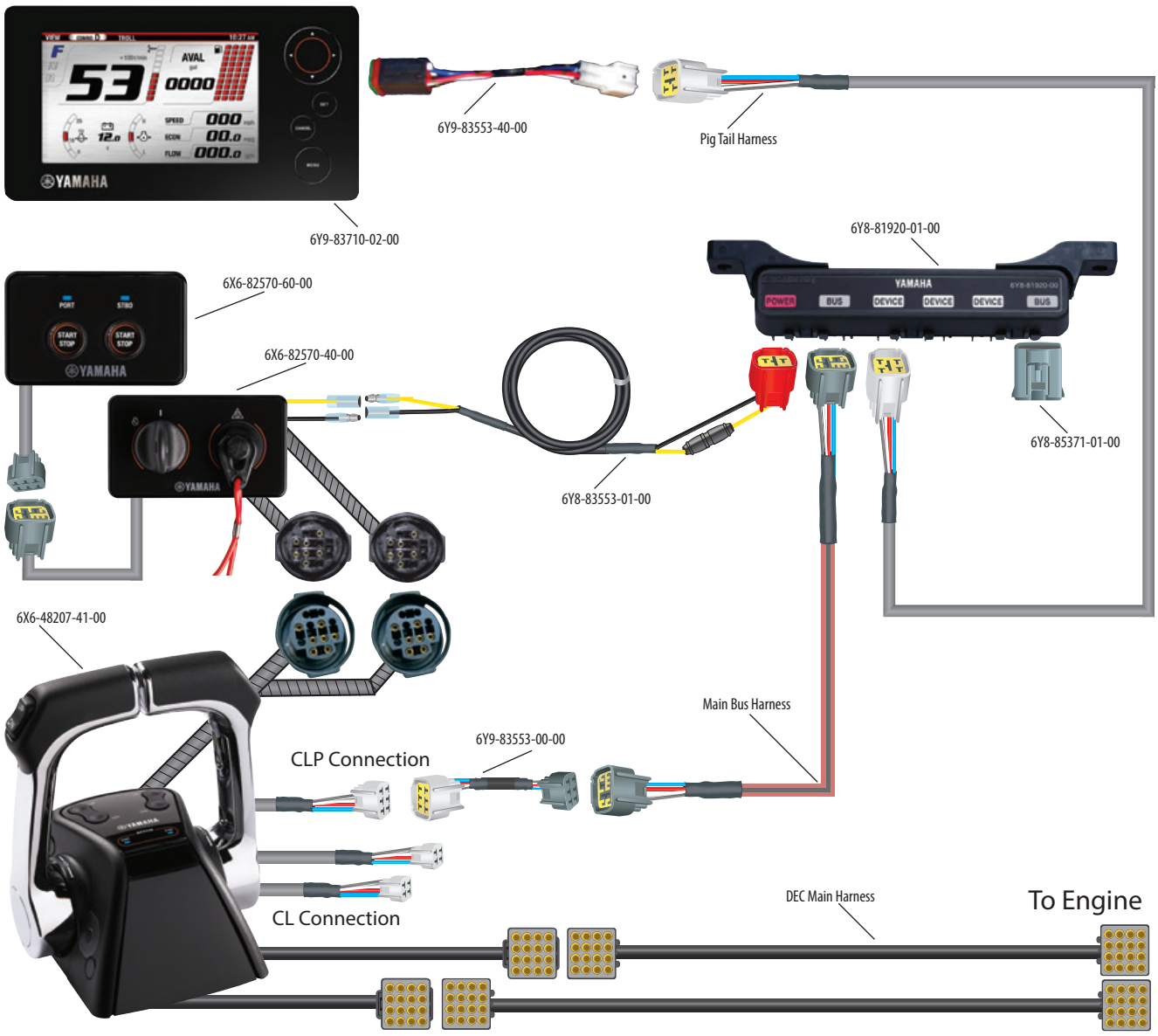
[2] Pigtail Harnesses

1 ft.	6Y8-82521-01-00
2 ft.	6Y8-82521-11-00
3 ft.	6Y8-82521-21-00
6 ft.	6Y8-82521-31-00
9 ft.	6Y8-82521-41-00
12 ft.	6Y8-82521-51-00

Parts order list for basic installation:

Quantity	Description	Part Number
1	Command Link Plus® Twin Main Station Control	6X6-48207-41-00
1	Twin Engines Key Switch Kit	6X6-W0035-50-00
1	Command Link® DEC Twin Main Station Gauge Kit	6X6-WE83S-40-00
2	DEC Main Harness	See List [1]
2	Pigtail Harness, Control box to Hub	See List [2]
4	Pigtail Harness, Hub to Gauges	See List [2]

DEC - Twin Engines with Command Link® Plus Display, Main Station



Parts order list for basic installation:

Quantity	Description	Part Number
1	Command Link Plus® Twin Main Station Control	6X6-48207-41-00
1	Twin Engines Key Switch Kit	6X6-W0035-50-00
1	Command Link Plus® Display Kit	MAR-CLPDU-KT-20
1	Command Link Plus® Display Installation Kit	MAR-CLPDI-KT-10
2	DEC Main Harness	See List [1]
1	Main Bus Harness, Control Box Adaptor to Hub	See List [2]
1	Pigtail Harness, Hub to Display Harness	See List [3]

[1] DEC Main Harnesses

20 ft.	6X6-8258A-00-00
23 ft.	6X6-8258A-10-00
26 ft.	6X6-8258A-20-00
33.5 ft.	6X6-8258A-30-00
39 ft.	6X6-8258A-40-00

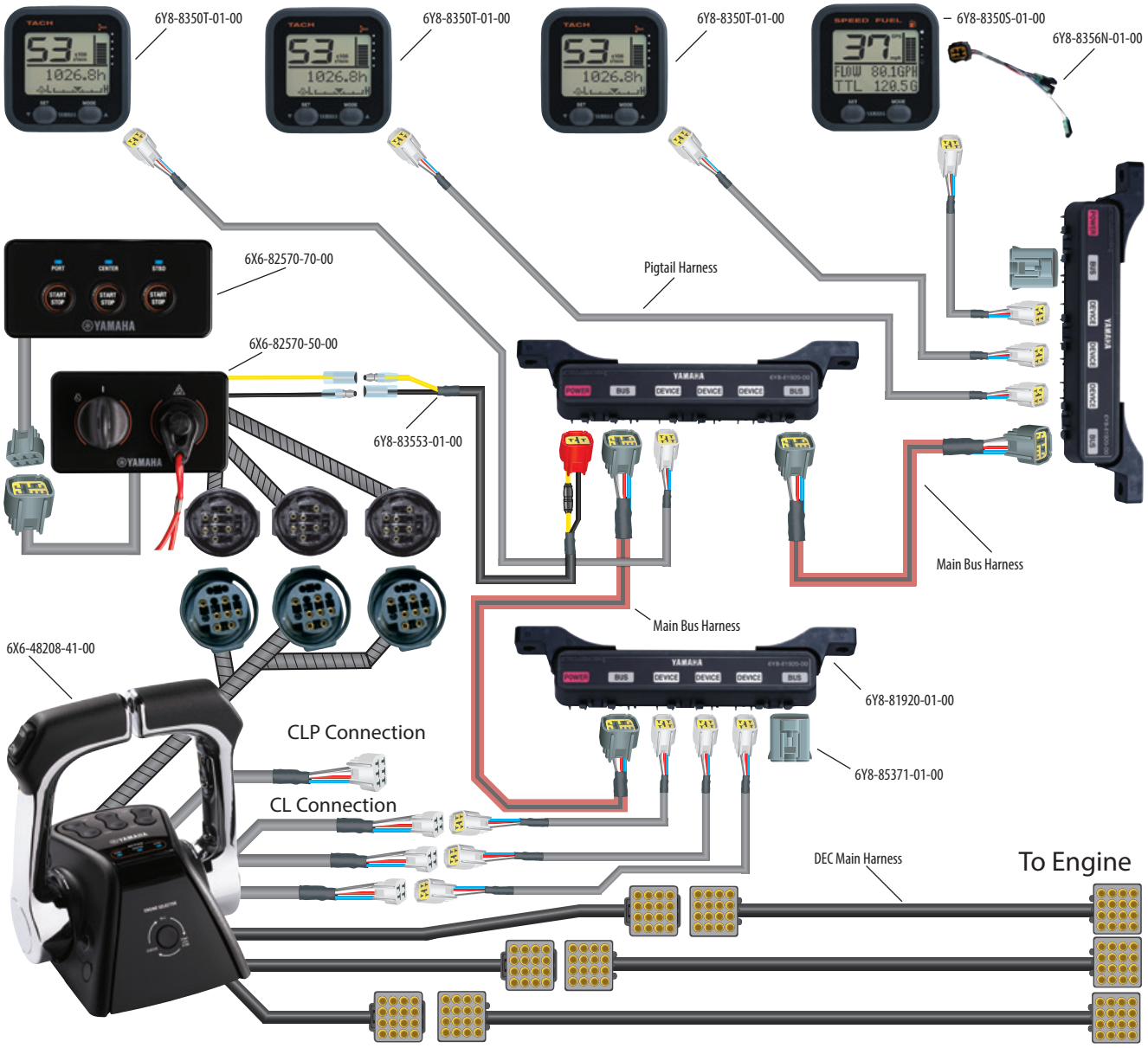
[2] Main Buss Harnesses

1 ft.	6Y8-82553-01-00
10 ft.	6Y8-82553-50-00
15 ft.	6Y8-82553-11-00
20 ft.	6Y8-82553-21-00
25 ft.	6Y8-82553-31-00
30 ft.	6Y8-82553-41-00

[3] Pigtail Harnesses

1 ft.	6Y8-82521-01-00
2 ft.	6Y8-82521-11-00
3 ft.	6Y8-82521-21-00
6 ft.	6Y8-82521-31-00
9 ft.	6Y8-82521-41-00
12 ft.	6Y8-82521-51-00

DEC - Triple Engines with Command Link® Gauges, Main Station



[1] DEC Main Harnesses

20 ft.	6X6-8258A-00-00
23 ft.	6X6-8258A-10-00
26 ft.	6X6-8258A-20-00
33.5 ft.	6X6-8258A-30-00
39 ft.	6X6-8258A-40-00

[2] Pigtail Harnesses

1 ft.	6Y8-82521-01-00
2 ft.	6Y8-82521-11-00
3 ft.	6Y8-82521-21-00
6 ft.	6Y8-82521-31-00
9 ft.	6Y8-82521-41-00
12 ft.	6Y8-82521-51-00

Parts order list for basic installation:

Quantity	Description	Part Number
1	Command Link Plus® Triple Main Station Control	6X6-48208-41-00
1	Triple Engines Key Switch Kit	6X6-W0035-60-00
1	Command Link® DEC Triple Main Station Gauge Kit	6X6-WE83S-45-00
3	DEC Main Harness	See List [1]
3	Pigtail Harness, Control box to Hub	See List [2]
4	Pigtail Harness, Hub to Gauges	See List [2]

DEC - Triple Engines with Command Link Plus® Display, Main Station



Parts order list for basic installation:

Quantity	Description	Part Number
1	Command Link Plus® Triple Main Station Control	6X6-48208-41-00
1	Twin Engines Key Switch Kit	6X6-W0035-60-00
1	Command Link Plus® Display Kit	MAR-CLPDU-KT-20
1	Command Link Plus® Display Installation Kit	MAR-CLPDI-KT-10
3	DEC Main Harness	See List [1]
1	Main Bus Harness, Control Box Adaptor to Hub	See List [2]
1	Pigtail Harness, Hub to Display Harness	See List [3]

[1] DEC Main Harnesses

20 ft.	6X6-8258A-00-00
23 ft.	6X6-8258A-10-00
26 ft.	6X6-8258A-20-00
33.5 ft.	6X6-8258A-30-00
39 ft.	6X6-8258A-40-00

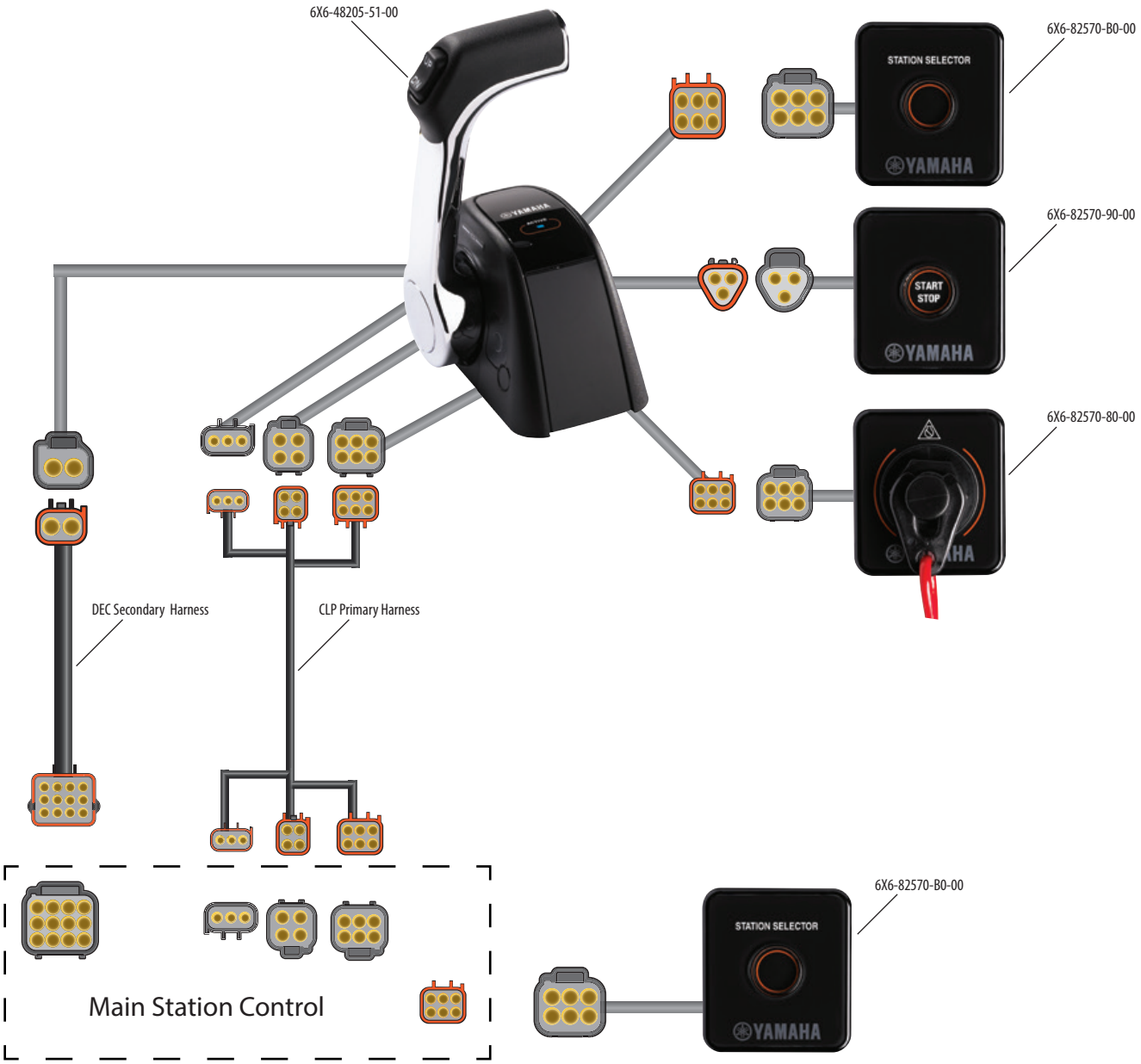
[2] Main Buss Harnesses

1 ft.	6Y8-82553-01-00
10 ft.	6Y8-82553-50-00
15 ft.	6Y8-82553-11-00
20 ft.	6Y8-82553-21-00
25 ft.	6Y8-82553-31-00
30 ft.	6Y8-82553-41-00

[3] Pigtail Harnesses

1 ft.	6Y8-82521-01-00
2 ft.	6Y8-82521-11-00
3 ft.	6Y8-82521-21-00
6 ft.	6Y8-82521-31-00
9 ft.	6Y8-82521-41-00
12 ft.	6Y8-82521-51-00

DEC - Single Engine, Second Station

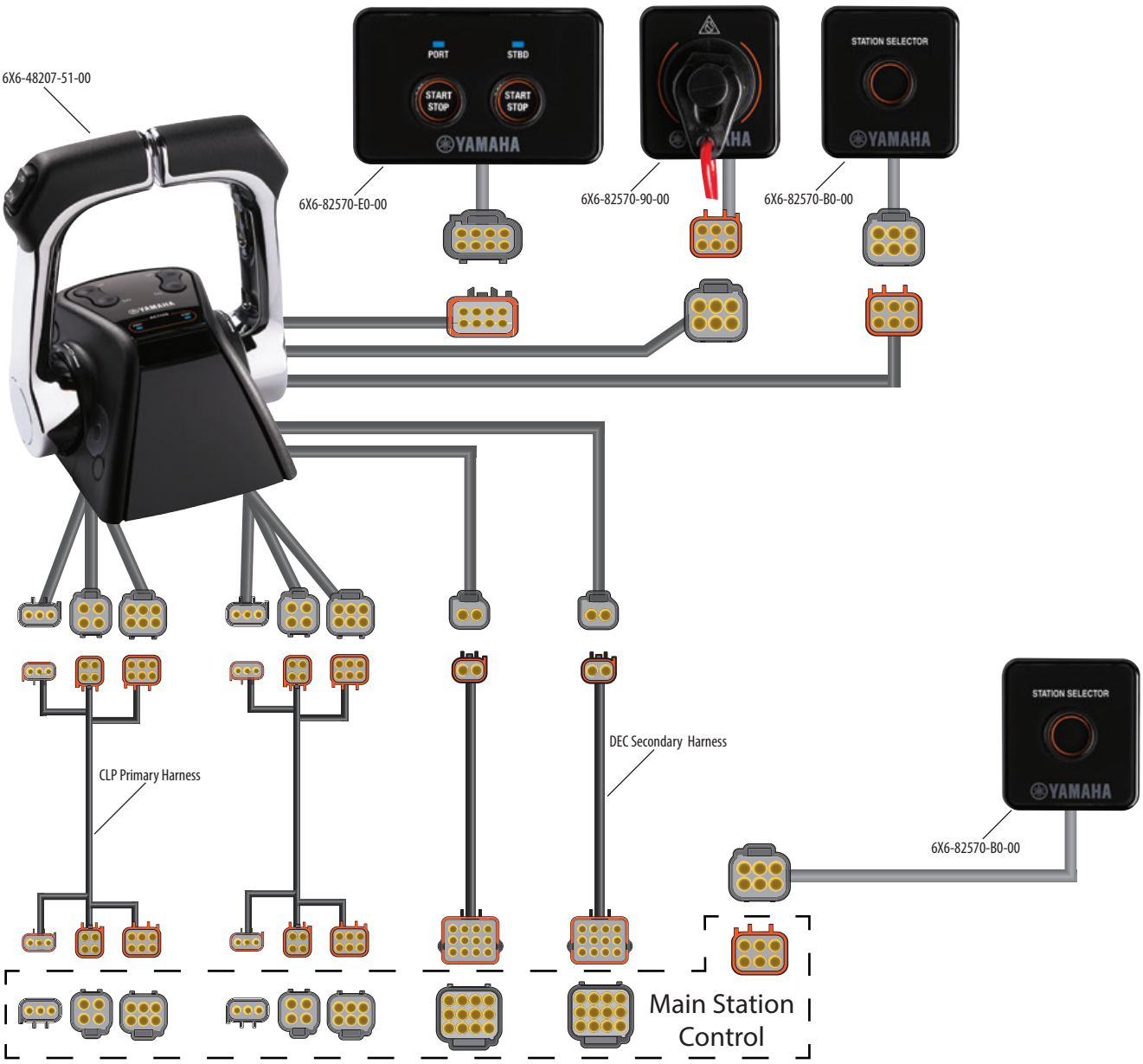


[1] CLP Primary Harness		[2] DEC Secondary Harness	
16 ft.	6X6-8258A-G0-00	16 ft.	6X6-8258A-B1-00
26 ft.	6X6-8258A-H0-00	26 ft.	6X6-8258A-D1-00
40 ft.	6X6-8258A-J0-00	40 ft.	6X6-8258A-F1-00

Parts order list for basic installation:

Quantity	Description	Part Number
1	Command Link Plus® 2nd Station Single Engine Control Box	6X6-48205-51-00
1	Command Link Plus® 2nd Station Switch Set	6X6-W0035-70-00
1	CLP Primary Harness	See List 1
1	DEC Secondary Harness	See List [2]

DEC - Twin Engines, Second Station



Parts order list for basic installation:

Quantity	Description	Part Number
1	Command Link Plus® 2nd Station Twin Engine Control Box	6X6-48207-51-00
1	Command Link Plus® 2nd Station Switch Set	6X6-W0035-80-00
2	CLP Primary Harness	See List 1
2	DEC Secondary Harness	See List [2]

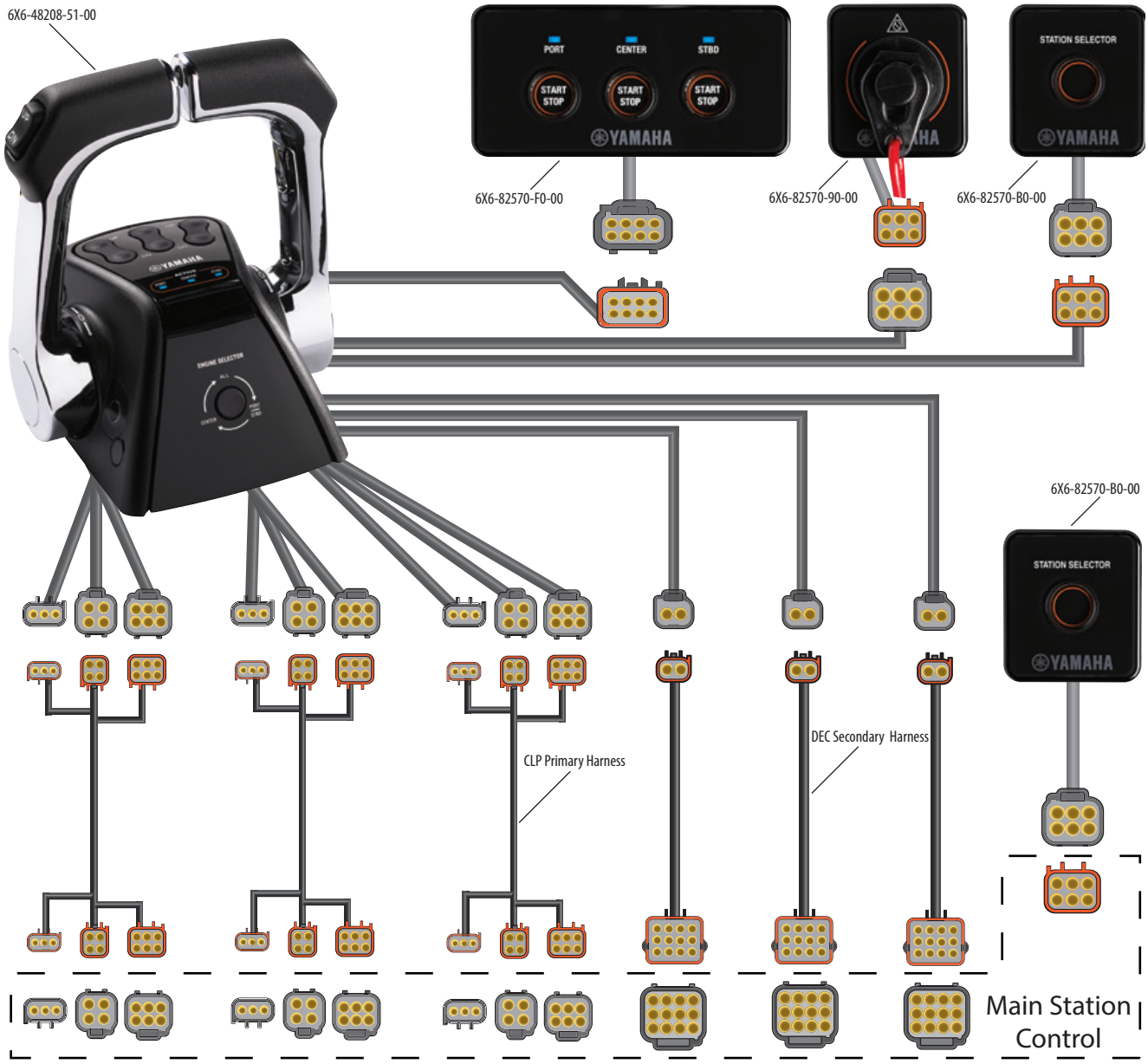
[1] CLP Primary Harness

16 ft.	6X6-8258A-G0-00
26 ft.	6X6-8258A-H0-00
40 ft.	6X6-8258A-J0-00

[2] DEC Secondary Harness

16 ft.	6X6-8258A-B1-00
26 ft.	6X6-8258A-D1-00
40 ft.	6X6-8258A-F1-00

DEC - Triple Engines, Second Station



[1]CLP Primary Harness

16 ft.	6X6-8258A-G0-00
26 ft.	6X6-8258A-H0-00
40 ft.	6X6-8258A-J0-00

[2]DEC Secondary Harness

16 ft.	6X6-8258A-B1-00
26 ft.	6X6-8258A-D1-00
40 ft.	6X6-8258A-F1-00

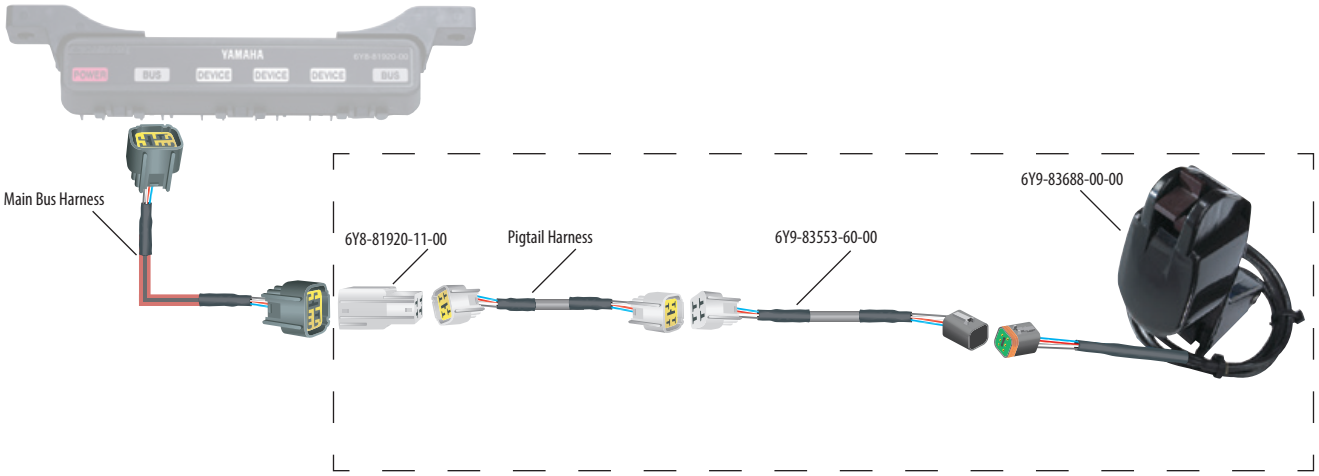
Parts order list for basic installation:

Quantity	Description	Part Number
1	Command Link Plus® 2nd Station Triple Engine Control Box	6X6-48208-51-00
1	Command Link Plus® 2nd Station Switch Set	6X6-W0035-90-00
3	CLP Primary Harness	See List 1
3	DEC Secondary Harness	See List [2]

Command Link Plus® Accessories

The following diagrams are intended to assist you in adding additional components to a Command Link Plus® network like those found earlier in this section.

Command Link Plus® Multisensor



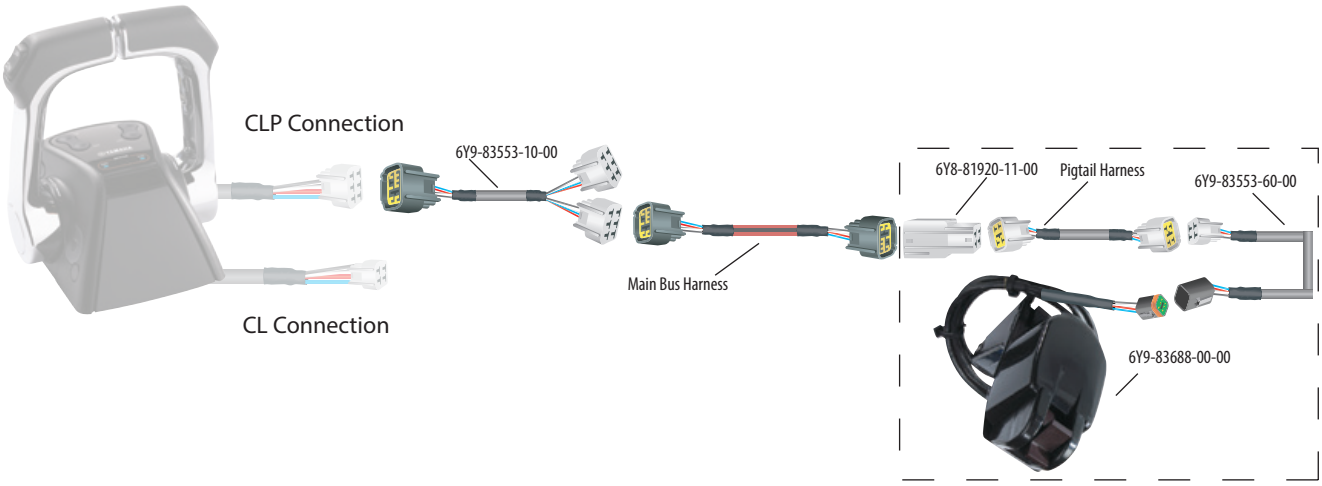
Parts order list for basic installation:

Quantity	Description	Part Number
1	Command Link Plus® Multisensor Kit	MAR-3DCER-KT-00
1	Main Bus Harness	See List[1]

[1]Main Buss Harnesses

1 ft.	6Y8-82553-01-00
10 ft.	6Y8-82553-50-00
15 ft.	6Y8-82553-11-00
20 ft.	6Y8-82553-21-00
25 ft.	6Y8-82553-31-00
30 ft.	6Y8-82553-41-00

Command Link Plus® Multisensor with a Second Station Command Link Plus® Display Installed



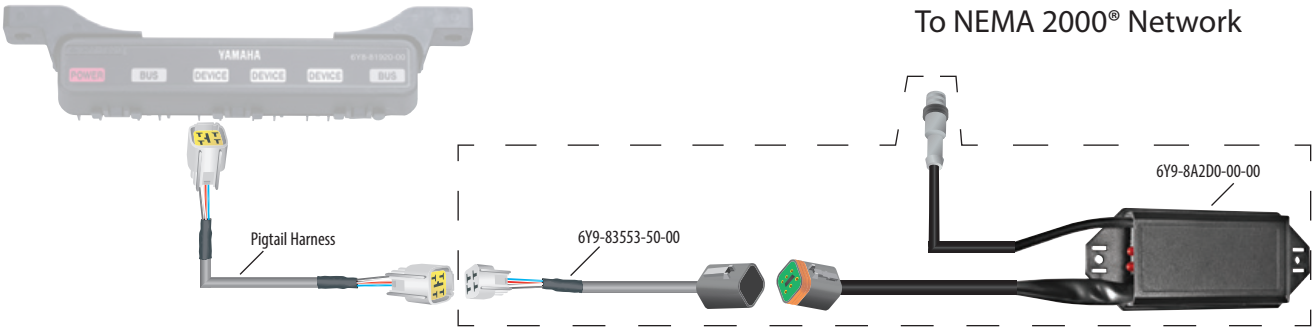
Parts order list for basic installation:

Quantity	Description	Part Number
1	Command Link Plus® Multisensor Kit	MAR-3DCER-KT-00
1	Command Link Plus® Y Adaptor	6Y9-83553-10-00
1	Main Bus Harness	See List[1]

[1]Main Buss Harnesses

1 ft.	6Y8-82553-01-00
10 ft.	6Y8-82553-50-00
15 ft.	6Y8-82553-11-00
20 ft.	6Y8-82553-21-00
25 ft.	6Y8-82553-31-00
30 ft.	6Y8-82553-41-00

Command Link Plus® Gateway



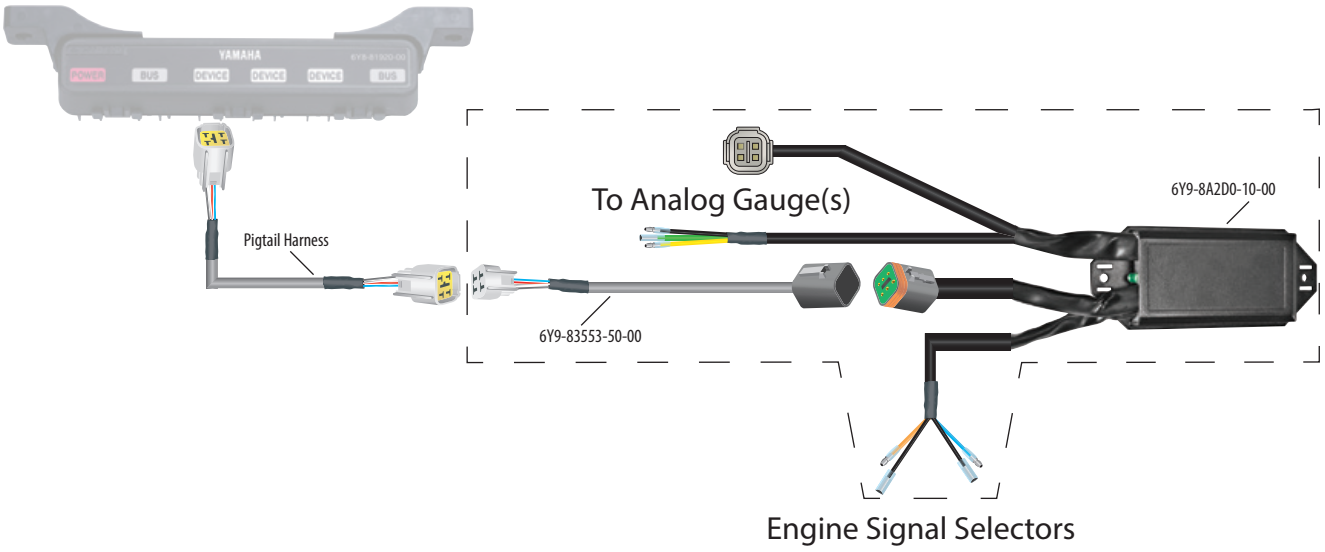
[1] Pigtail Harnesses

1 ft.	6Y8-82521-01-00
2 ft.	6Y8-82521-11-00
3 ft.	6Y8-82521-21-00
6 ft.	6Y8-82521-31-00
9 ft.	6Y8-82521-41-00
12 ft.	6Y8-82521-51-00

Parts order list for basic installation:

Quantity	Description	Part Number
1	Command Link Plus® Gateway Kit	MAR-GTWAY-KT-00
1	Pigtail Harness	See List [1]

Command Link Plus® AGI



[1] Pigtail Harnesses

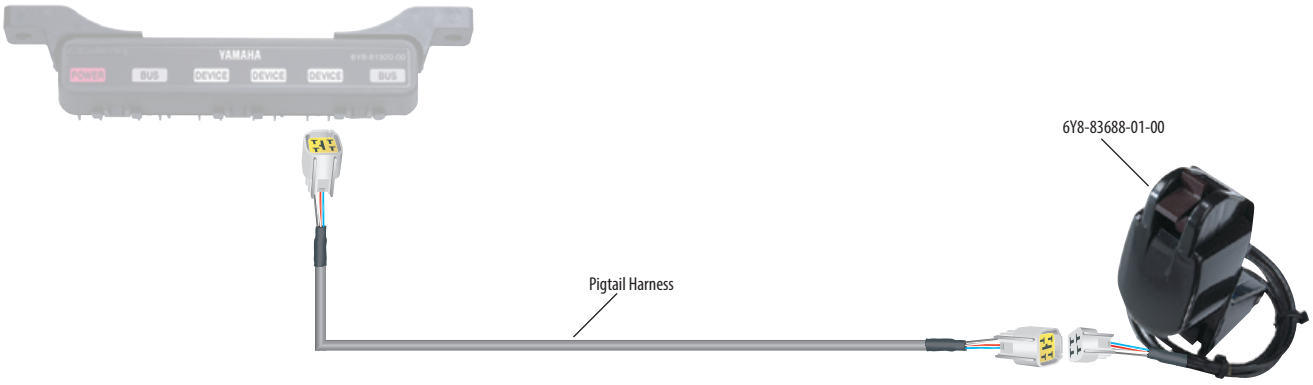
1 ft.	6Y8-82521-01-00
2 ft.	6Y8-82521-11-00
3 ft.	6Y8-82521-21-00
6 ft.	6Y8-82521-31-00
9 ft.	6Y8-82521-41-00
12 ft.	6Y8-82521-51-00

Parts order list for basic installation:

Quantity	Description	Part Number
1	Command Link Plus® AGI Kit	MAR-AGI10-KT-00
1	Pigtail Harness	See List [1]

Command Link® Accessories

Command Link® Multisensor with Rear Hub Installed (Mechanical Controls)



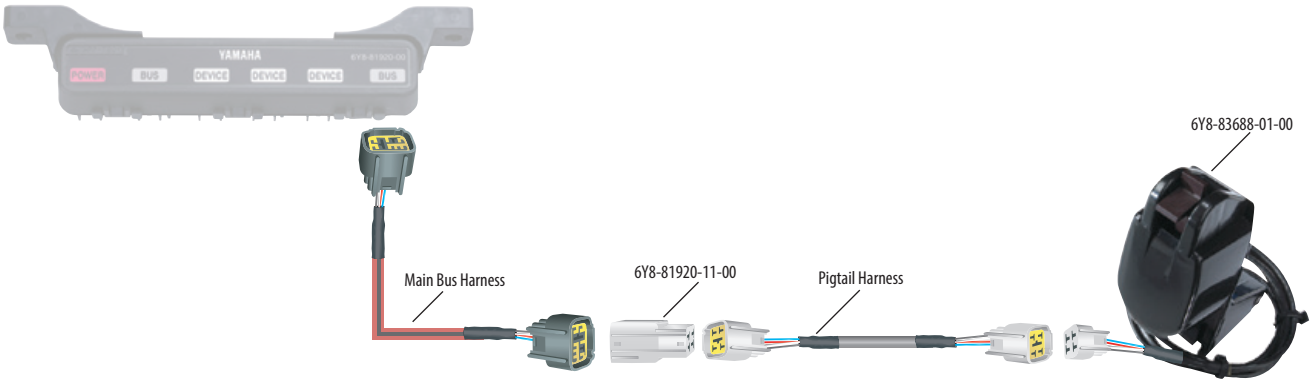
Parts order list for basic installation:

Quantity	Description	Part Number
1	Transom Mount Multisenor *(Different styles available)*	6Y8-83688-01-00
1	Pigtail Harness	See List [1]

[1] Pigtail Harnesses

1 ft.	6Y8-82521-01-00
2 ft.	6Y8-82521-11-00
3 ft.	6Y8-82521-21-00
6 ft.	6Y8-82521-31-00
9 ft.	6Y8-82521-41-00
12 ft.	6Y8-82521-51-00

Command Link® Multisensor with DEC Controls



Parts order list for basic installation:

Quantity	Description	Part Number
1	Transom Mount Multisenor *(Different styles available)*	6Y8-83688-01-00
1	Main Buss Harness	See List [1]
1	Pigtail Harness	See List [2]
1	In Line Hub	6Y8-81920-11-00

[1] Main Buss Harnesses

1 ft.	6Y8-82553-01-00
10 ft.	6Y8-82553-50-00
15 ft.	6Y8-82553-11-00
20 ft.	6Y8-82553-21-00
25 ft.	6Y8-82553-31-00
30 ft.	6Y8-82553-41-00

[2] Pigtail Harnesses

1 ft.	6Y8-82521-01-00
2 ft.	6Y8-82521-11-00
3 ft.	6Y8-82521-21-00
6 ft.	6Y8-82521-31-00
9 ft.	6Y8-82521-41-00
12 ft.	6Y8-82521-51-00

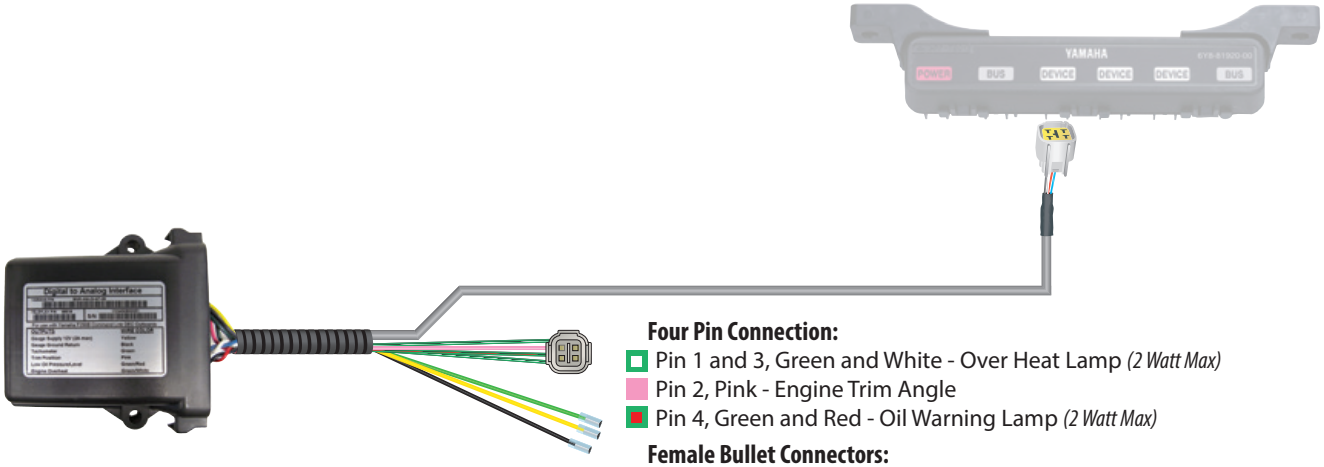
Command Link® Gateway



Parts order list for basic installation:

Quantity	Description	Part Number
1	Command Link® Gateway	MAR-GTWAY-ML-09

Command Link® AGI



Four Pin Connection:
- Pin 1 and 3, Green and White - Over Heat Lamp *(2 Watt Max)*
- Pin 2, Pink - Engine Trim Angle
- Pin 4, Green and Red - Oil Warning Lamp *(2 Watt Max)*

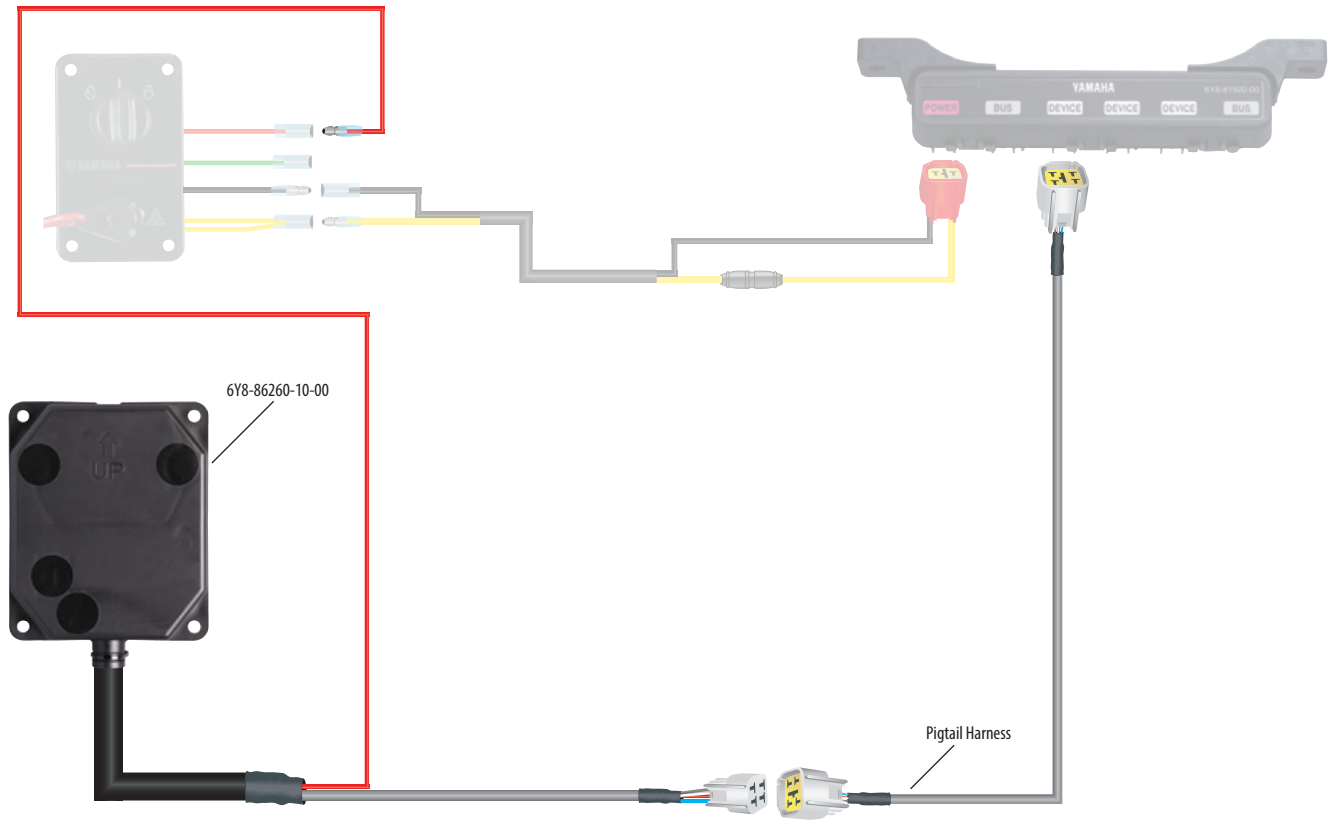
Female Bullet Connectors:
- Yellow - Key on Power
- Black - Ground
- Green - Engine RPM

Parts order list for basic installation:

Quantity	Description	Part Number
1	Command Link® AGI	MAR-ANLGI-NT-08

Y-COP® Installations

Y-COP® installed with a Single Engine



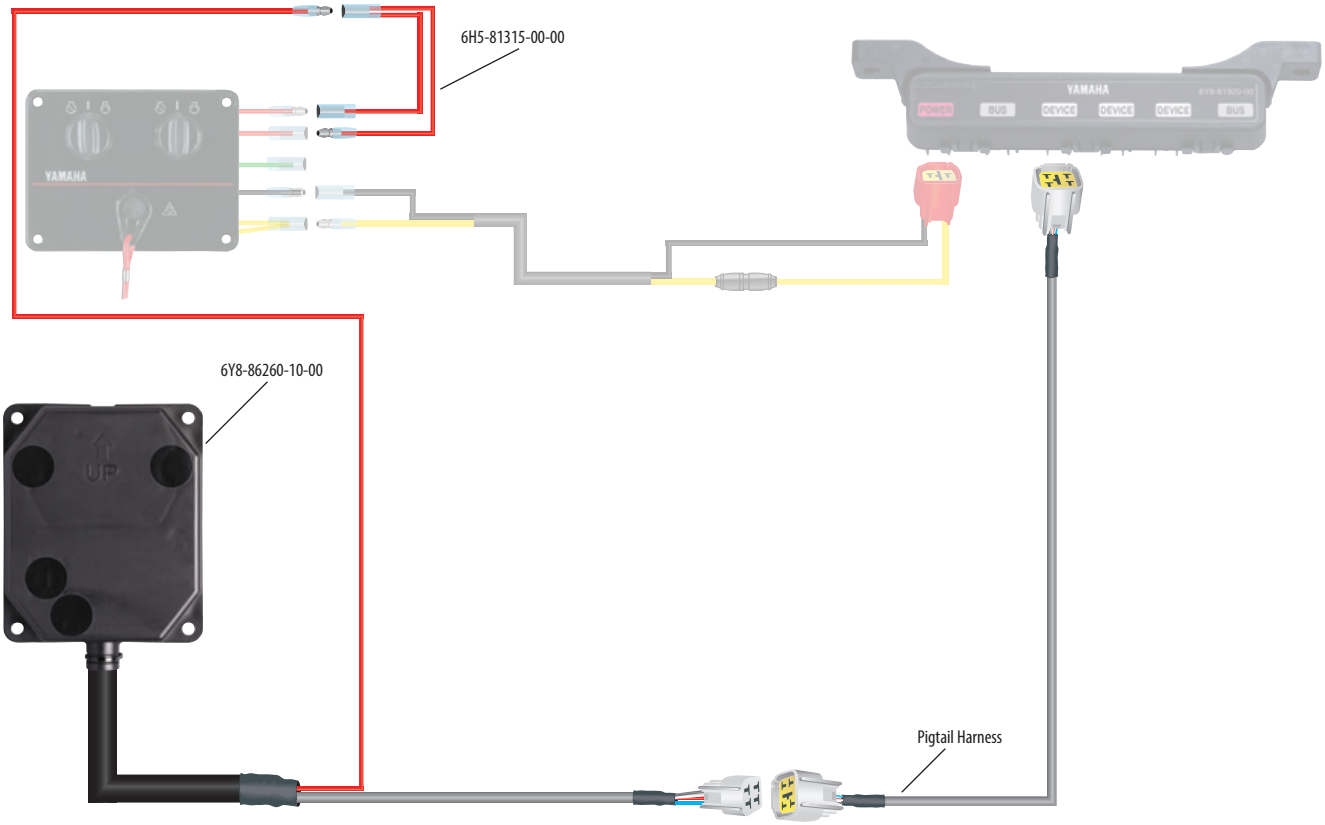
Parts order list for basic installation:

Quantity	Description	Part Number
1	Y-COP® Kit	6Y8-W0035-81-00
1	Pigtail Harness	See List [1]

[1] Pigtail Harnesses

1 ft.	6Y8-82521-01-00
2 ft.	6Y8-82521-11-00
3 ft.	6Y8-82521-21-00
6 ft.	6Y8-82521-31-00
9 ft.	6Y8-82521-41-00
12 ft.	6Y8-82521-51-00

Y-COP® installed with Twin or Triple installations with Command Link® Main Switches



[1] Pigtail Harnesses

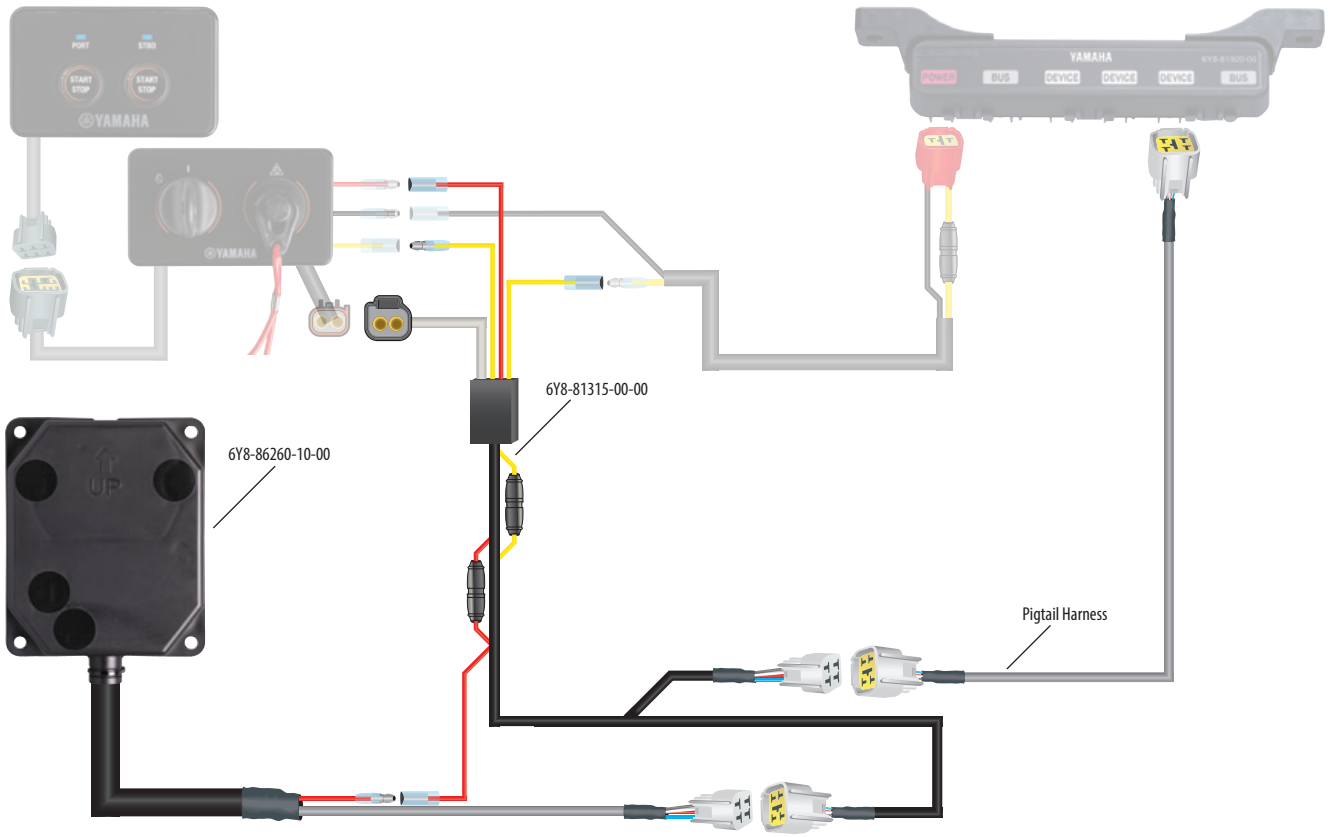
1 ft.	6Y8-82521-01-00
2 ft.	6Y8-82521-11-00
3 ft.	6Y8-82521-21-00
6 ft.	6Y8-82521-31-00
9 ft.	6Y8-82521-41-00
12 ft.	6Y8-82521-51-00

Parts order list for basic installation:

Quantity	Description	Part Number
1	Y-COP® Kit	6Y8-W0035-81-00
1	Adaptor Harness	6H5-8135-00-00
1	Pigtail Harness	See List [1]

Rigging Order Guide

Y-COP® installed with Twin or Triple installations with Command Link Plus® Main Switches



Parts order list for basic installation:

Quantity	Description	Part Number
1	Y-COP® Kit	6Y8-W0035-81-00
1	Adaptor Harness	6Y8-81315-00-00
1	Pigtail Harness	See List [1]

[1] Pigtail Harnesses

1 ft.	6Y8-82521-01-00
2 ft.	6Y8-82521-11-00
3 ft.	6Y8-82521-21-00
6 ft.	6Y8-82521-31-00
9 ft.	6Y8-82521-41-00
12 ft.	6Y8-82521-51-00

Notes:

Generators and Accessories Index

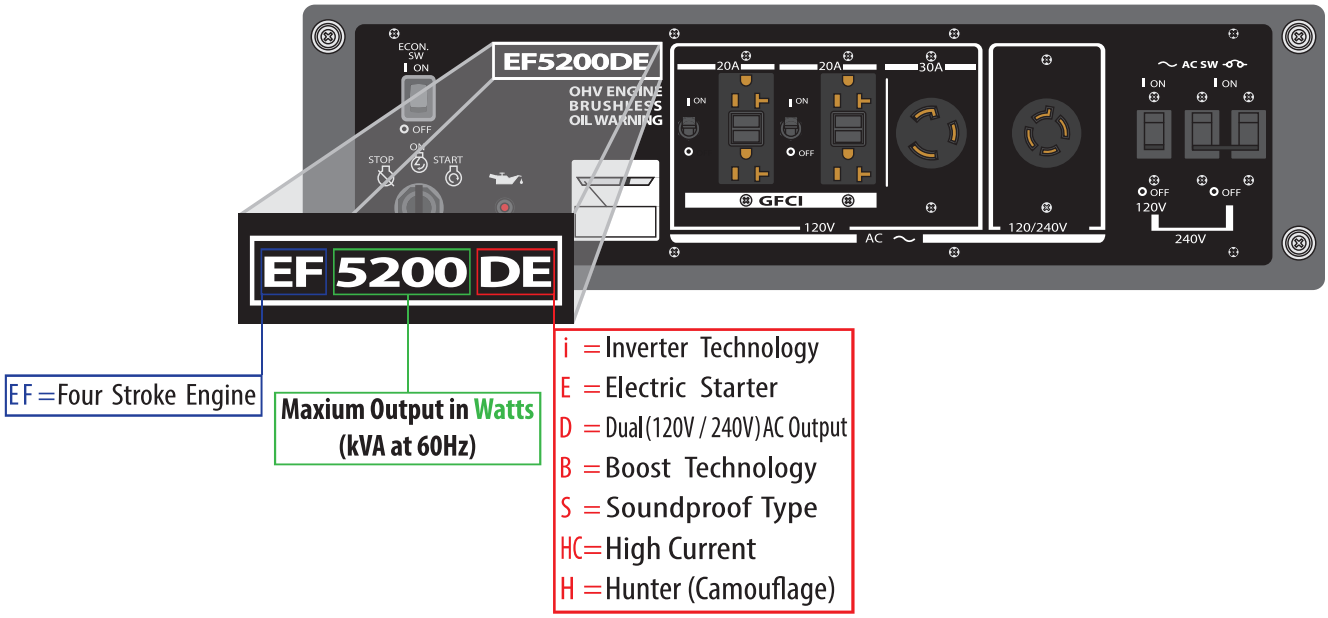
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Generator Basics

Yamaha's legendary reliability is at the heart of our generator line up to help ensure they are there when you need them. Selecting which Yamaha Generator will meet your customer's needs can seem overwhelming until you have an understanding of some simple information and techniques.

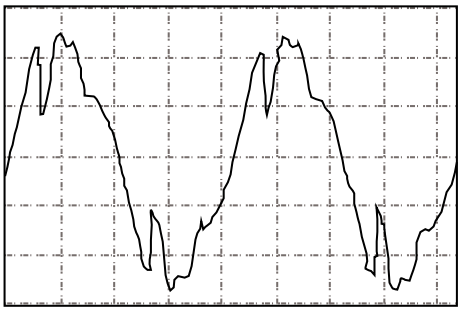
The Yamaha Generator Model Number

Understanding the different benefits each model offers starts with an understanding of the model number. The image below shows an EF5200DE. The model code shows this is a Four Stroke Engine Generator capable of producing a maximum of 5200 watts in either 120v or 240v AC outputs and it has electric start.



Inverter Vs. Standard Generators

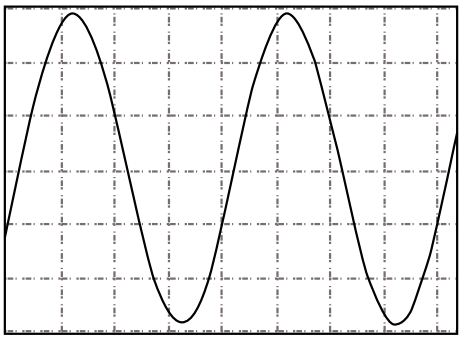
Both Inverter and Standard generators produce the U.S. standard 60Hz A/C power. Yamaha's Premium Generators do a great job powering standard electronics like refrigerators, pumps, electric motors, and countless other items. However, as the use of microprocessors in everyday electronics such as, plasma TV's, computers, smartphones, and other modern devices continue to grow the inventor series becomes more important than ever.



Standard Generators Sine Wave

Standard generators typically rely on maintaining an engine speed of 3600 RPM to create the required 60Hz sine wave. No matter how smooth an engine runs, the RPM will always move up and down ever so slightly. This normal engine speed variation increases sine wave distortion.

Distortion in the AC sine wave powering micro processor controlled electronics can not only effect the performance of those electronics, but it can even damage them.



Inverter Generators Sine Wave

The Inverter series is able to output a sine wave with a distortion ratio of less than 2.5%, equivalent to household electricity. A requirement of sensitive electronics with microprocessors.

The inverter series, controlled by a 16-bit microcomputer, is a Pulse Width Modulation (PWM) sine wave inverter, which means the generator's output frequency remains unchanged even when the engine speed varies and both the output voltage and the sine wave are very stable.

When fitting out a customer with a new Yamaha Generator, remember the type of power required is just as important as the amount of power required.

Sizing a Generator

When selling a generator, it is important to select one that is capable of meeting the energy requirements of the customer. Match the rated output of the generator to the maximum anticipated power demand. Make a list of the appliances and devices or tools that you expect to operate, as well as the approximate power requirements for each device. Remember microprocessor controlled electronics will need the Inverter Series.

One of the easiest and most accurate ways to size a generator is by using the AmWatt® Hand-held Appliance Load Tester by Reliance (ACC-0SS58-40-44). The AmWatt® plugs in line with the 120V device and can handle up to 1875 watts or 15 A. After making a list of the electronic devises the customer intends to use with the generator, and ensure the load tester selector switch is in the WATTS position.

Plug the device into the load tester. Then plug the load tester into a house hold outlet and record the WATTS used by the device. Remember, some devices such as an electric motor will require additional energy at start up, as the pictures on the right show. Be sure to record the highest reading during the load test to ensure the generator can meet the requirements.

If the device has a load over 1800 Watts or a load tester is not available, locating the device model identification tag can give an accurate required load for the device. Often times the identification tag will list the voltage and the amps required. When you multiply amps and volts, the result is the load in Watts. For the device in the bottom picture the load would be, 120V x 2 A = 240 Watts.

If the actual load of the customer's devices cannot be measured or located, the charts in the back of this section can provide an estimate of the required output of a generator. Remember the charts are just typical requirements and the customers actual needs may be different.

Once the load of all the devices have been recorded add them all up for the total Watts requirement for the customer's needs. If any sensitive electronics are in the line up, choose a generator capable of meeting or exceeding the total Watts for the devices the customer intends to use from the Inverter Series. If sensitive electronics aren't going to be used, a generator from the Premium family can also be selected.

Finally, make sure you understand what is important to the customer. For example if they want a quiet model, try to select a generator with an "S" in the model name, such as a EF3000i**S**. If easy starting is a goal of the customer, select an electric start model. Electric start models contain an "E" toward the end of the model name like the EF12000D**E**.



The Inverter Series is Perfect for sensitive electronics.



AmWatt® Load Tester makes sizing a snap.



Load Tester plugged in-line with the device



Small electric motor start up load.



Small electric motor continuous load.



Device Label listing input requirements.



Generators Point of Purchase Items

Creating an eye catching display can help you not only attract customers, but assist you in showing off the features and benefits of the Yamaha Generator line up.

The Generator Display Stand III can be ordered through YDS under the dealer marketing menu for a Dealer Cost $555.00.

Generator Banners can be ordered with your regular parts order. Page 11-23 contains more information

Terms to Know

Pulse Width Modulation - Very clean and stable output with a waveform distortion ratio of 2.5% or less. This low distortion ratio means the output is cleaner than most commercial / residential power, making it safe to run sensitive computer equipment, televisions, and microchip-controlled power tools.

Peak Output - The amount of current that can be utilized for short time periods before the Thermal or Nonfuse Breakers (NFB) disconnects the output. This output level allows for jobs of short duration, requiring maximum output (tool startup).

Rated Output - The amount of current the generator can supply for continuous operation.

12 Volt DC Output - The DC output is intended only to charge a 12-volt battery. If any 12-volt devices should be connected to a 12V battery and never to the 12V plug on the generator. It is possible that a device could be damaged if it is connected directly to a generator.

Voltage and Frequency Standards - In the U.S., standard commercial electricity is delivered at 110~120 V AC, and 220~240 V AC. The electrical frequency standard is 60 cycles per second (60 Hz).

Electronic Breaker - An electronic breaker circuit housed in the control unit of Yamaha Inverter generators. When output from the control unit exceeds a specific limit, output is automatically interrupted to protect the generator from damage.

Thermal or No Fuse Breaker (NFB) - Sometimes called a Non Fuse Breaker, this device acts like a fuse to interrupt power in the event of a sudden spike or surge in current. Unlike a fuse, however, the NFB can be reset.

Smart-Throttle - Because output frequency of an Inverter Generator is unrelated to engine rpm it becomes possible to utilize a wide range of engine rpm. This feature helps quiet running by choosing the minimum engine rpm necessary for the actual electrical load. A double coil system such as on the EF1000iS makes possible a higher output even at a low rpm setting. Smart Throttle ONLY applies to inverter models that have an electronic throttle servo motor to control engine speed.

Economy Control (also called Economy Idle) - Conventional generators, and in some cases inverter generators use economy control / idle. This function causes the unit to idle down when a load is not present.

Ground Fault Interruption (GFI) - Shuts down the power when a fault to ground is detected. A device that interrupts the power flowing through a GFI receptacle when a proper ground/earth ground is not present or a short were to take place - to prevent electrocution

Why Yamaha Generators

Electronics have become more a part of boating today then ever before. Almost every boat user could use a generator in one way or another. Whether it's for dock power, battery charging, to run appliances, or that beach party that was planned for weeks, boating customers need the convenience of a generator. With all the available generators on the market why would a customer want to buy Yamaha Generators?

Full Line of Accessories - Yamaha Generators offer a full line of accessories and optional parts, allowing customers to customize their generator to their needs. With other, commonly available generators, even if accessories are available they are mail order parts with no professional installation service available.

Yamaha Reliability - The same reliability that draws customers to Yamaha Outboards is available in every generator Yamaha offers. Just like an outboard, generators need to perform when the customer needs them. Worry free operation is a feature bargain branded generators can't offer.



Generator Overview

Inverter Series



As quiet, clean, and efficient as power gets. Yamaha Inverter technology is the way forward when it comes to light, quiet, clean, and portable power. Our high-quality inverter generators use Pulse Width Modulation to produce pure sine wave electricity. That means you have a source of electrical power that is as clean, or even cleaner, than municipal power so, unlike using cheap low quality generators, you can run computers and other electronic equipment with complete peace of mind. And Yamaha generators have advanced features to make them easy to live with and use. All models have an independent gasoline petcock, and on most models you'll find Noise Block™ technology for exceptionally quiet running as well as Smart Throttle™ for maximum fuel efficiency. With all these advantages, it will probably come as no surprise that many Yamaha generators also earn the longest engine durability rating from both the Environmental Protection Agency (EPA) and California Air Resources Board (CARB). It's another way that Yamaha helps make your life easier, better, and brighter now and in the future.

Generators	EF1000iS	EF2000iS	EF2400iSHC	EF2800i	EF3000iS	EF3000iSE	EF3000iSEB	EF4500iSE	EF6300iSDE
Type	Brushless Inverter	Brushless Inverter	Brushless Inverter	Brushless Inverter	Brushless Inverter	Brushless Inverter	Brushless Inverter	Brushless Inverter	Brushless Inverter
Rated Voltage	120V	120V	120V	120V	120V	120V	120V	120V	120/240V
Frequency	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
Maximum AC Output	1000 watts	2000 watts	2400 watts	2800 watts	3000 watts	3000 watts	3000 watts+boost	4500 watts	6300 watts
Rated AC Output	900 watts	1600 watts	2000 watts	2500 watts	2800 watts	2800 watts	2800 watts	4000 watts	5500 watts
Maximum AC Current @ 120V	8.3 amps	16.7 amps	20 amps	23.3 amps	25 amps	25 amps	25 amps	37.5 amps	52.5 amps
Maximum AC Current @ 240V	-	-	-	-		-	-	-	26.3 amps
Rated AC Current @ 120V	7.5 amps	13.3 amps	16.7 amps	20.8 amps	23.3 amps	23.3 amps	23.3 amps	33.3 amps	45.8 amps
Rated AC Current @ 240V	-	-	-	-	-	-	-	-	22.9 amps
12 Volt DC Output	8 amps	8 amps	8 amps	8.3 amps	12 amps	12 amps	12 amps	–	–
Type	OHV, Forced Air-Cooled, 4 Stroke, Single Cylinder								
Displacement	50cc	79cc	171cc	171cc	171cc	171cc	171cc	357cc	357cc
Ignition System	T.C.I.	T.C.I.	T.C.I.	T.C.I.	T.C.I.	T.C.I.	T.C.I.	T.C.I.	T.C.I.
Starting System	Recoil w/Auto Decompression					Electric w/Auxiliary Recoil & Auto Decompression w/ optional Wireless Remote		Electric w/Auto Decompression w/optional Wireless Remote	
Overall Length	17.7 in	19.3 in	20.8 in	19.2 in	26.8 in	26.8 in	26.8 in	30.7 in	30.7 in
Overall Width	9.4 in	11 in	16.5 in	15.6 in	17.5 in	17.5 in	17.5 in	24.3 in	24.3 in
Overall Height	14.9 in	17.9 in	18.2 in	16.7 in	21.9 in	21.9 in	21.9 in	27.2 in	27.2 in
Dry Weight	27.9 lbs	44.1 lbs	75 lbs	66 lbs	136 lbs	149.9 lbs	154.3 lbs	194 lbs	200 lbs
Fuel Tank Capacity	0.66 gal	1.1 gal	1.6 gal	2.6 gal	3.4 gal	3.4 gal	3.4 gal	4.5 gal	4.5 gal
Continuous Operation Hours @ 1/ 4 Load	12 hr	10.5 hr	8.6 hr	15 hr	19 hr	19 hr	19 hr	15.2 hr	13.3 hr
Noise Level	47 - 57 dBA	51.5 - 61 dBA	53 - 60 dBA	60 - 67 dBA	53 - 60 dBA	53 - 60 dBA	53 - 60 dBA	58 - 60 dBA	58 - 64 dBA
Limited Warranty	3 years*	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years
Wheels	-	-	Optional Four Wheel Kit	-	Four Wheels Standard	Four Wheels Standard	Four Wheels Standard	Four Wheels Standard	Four Wheels Standard
Optional Remote Starting	-	-	-	-	Wireless	Wireless	Wireless	Wireless	Wireless

**3 years Limited Warranty (except commercial/rental use = 2 years limited warranty)*

GENERATORS

Premium Series

Yamaha power will be there when you need it. There's something to be said for experience. We've been building generators for more than 30 years now, and we've learned a few things along the way. Number one among them is that when you need power, you want the reliability of a Yamaha generator. Whatever your intended primary use, a big reason to own a generator is for emergency backup power at home. Advanced generator technology and features, quality materials and construction, and more than 30 years of doing things right add up to power that's there when you need it.



Generators	EF2600	EF4000D	EF4000DE	EF5200D	EF5200DE	EF6600D	EF6600DE	EF12000DE
Type	Brushless	Brushless	Brushless	Brushless	Brushless	Brushless	Brushless	Brush
Rated Voltage	120V	120/240V	120/240V	120/240V	120/240V	120/240V	120/240V	120/240V
Frequency	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz	60 Hz
Maximum AC Output	2600 watts	4000 watts	4000 watts	5200 watts	5200 watts	6600 watts	6600 watts	12000 watts
Rated AC Output	2300 watts	3500 watts	3500 watts	4500 watts	4500 watts	6000 watts	6000 watts	9500 watts
Maximum AC Current @ 120V	21.6 amps	33 amps	33 amps	43.3 amps	43.3 amps	55 amps	55 amps	100 amps
Rated AC Current @ 120V	19 amps	29 amps	29 amps	37.5 amps	37.5 amps	50 amps	50 amps	79.2 amps
Maximum AC Current @ 240V	-	17 amps	17 amps	21.7 amps	21.7 amps	27.5 amps	27.5 amps	50 amps
Rated AC Current @ 240V	-	15 amps	15 amps	18.8 amps	18.8 amps	25 amps	25 amps	39.6 amps
Engine Type	OHV, Forced Air-Cooled, 4 Stroke, Single Cylinder							OHV, Forced Air-Cooled, 4 Stroke, Twin Cylinder
Engine Displacement	123cc	357cc	357cc	357cc	357cc	357cc	357cc	653cc
Ignition System	T.C.I.	T.C.I.	T.C.I.	T.C.I.	T.C.I.	T.C.I.	T.C.I.	T.C.I.
Starting System	Recoil w/Auto Decompression	Recoil w/Auto Decompression	Electric Start and Recoil w/Auto Decompression	Recoil w/Auto Decompression	Electric Start and Recoil w/Auto Decompression	Recoil w/Auto Decompression	Electric Start and Recoil w/Auto Decompression	Electric Start
Overall Length	20.1 in	26.4 in	35.2 in	26.4 in	35.2 in	26.4 in	35.2 in	33.3 in
Overall Width	16.3 in	20.1 in	20.5 in	20.1 in	20.5 in	20.1 in	20.5 in	29.6 in
Overall Height	16.7 in	22.7 in	22.7 in	22.7 in	22.7 in	22.7 in	22.7 in	33.3 in
Dry Weight	92.6 lb	180.8 lbs	196.2 lbs	189.6 lbs	205 lbs	189.6 lbs	205 lbs	327.8 lbs
Fuel Tank Capacity	2.9 gal	6.1 gal	6.1 gal	6.1 gal	6.1 gal	6.1 gal	6.1 gal	11.4 gal
Continuous Operation @ Rated Load	7.8 hr	8.2 hr	8.2 hr	7.4 hr	7.4 hr	6.8 hr	6.8 hr	8 hr
Noise Level	68 dBA	72 dBA	72 dBA	73 dBA	73 dBA	74 dBA	74 dBA	80 dBA
Limited Warranty	3 years	3 years	3 years	3 years	3 years	3 years	3 years	3 years
Wheels	-	Optional Two Wheel Kit	Optional Two Wheel Kit	Optional Two Wheel Kit	Optional Two Wheel Kit	Optional Two Wheel Kit	Optional Two Wheel Kit	Four Wheels Standard
Optional Remote Starting	-	-	Wired Remote	-	Wired Remote	-	Wired Remote	Wired Remote

Inverter Series

EF1000iS

MSRP: $879.00



There's no excuse to be caught without power when the 28-pound, easy-to-carry EF1000iS is so easy to own. The EF1000iS is so compact and unobtrusive you'll enjoy using it almost anywhere: Noise Block design technology keeps it nice and quiet. And it's so efficient, thanks to Smart Throttle, that this little generator will run up to 12 hours on just 0.66 gallon of gas—easily powering up small appliances, computers, TVs and satellite systems with clean power from Yamaha's Pulse Width Modulation Inverter system. It even comes with cables for recharging 12-volt batteries.

The EF1000iS is ideal for:

- *Charging Batteries*
- *Small Electronics*
- *Emergency Power with Limited Space*



EF1000iS Accessories and Maintenance Parts	
Cover	ACC-GNCVR-10-01
Wheel Kit	-
Wireless Remote Control	-
Twin Tech Cable	-
Sidewinder™ Cable	-
Hour Meter	ENG-METER-2C-01
Hour Meter / Tachometer	ENG-METER-4C-01
Charge Lead	7LG-87209-00-00
Spark Plug	CR4-HSB00-00-00
Air Filter	7VV-14451-00-00

EF1000iS Quick Specs	
Type	Brushless Inverter
Rated Voltage	120V
Frequency	60 Hz
Maximum AC Output	1000 watts
Rated AC Output	900 watts
Maximum AC Current	8.3 amps @ 120V
Rated AC Current	7.5 amps @ 120V
DC Output	12 volt 8 amps
Displacement	50cc
Ignition System	T.C.I.
Starting System	Recoil
Overall Length	17.7 in
Overall Width	9.4 in
Overall Height	14.9 in
Dry Weight	27.9 lb
Fuel Tank Capacity	0.66 gal
Continuous Operation Hours @ Load	12 hr @ 1/4 load
Noise Level	47-57 dBA
Limited Warranty	3 years*

**3 years Limited Warranty (except commercial/rental use = 2 year warranty)*

EF2000iS

EF2000iSCH MSRP: $1249.00
EF2000iS MSRP: $1099.00

The ingenious EF2000iS is powerful, portable, and retrocool. It delivers maximum output with minimum effort. Weighing a mere 44 compact pounds, it features an extra large handle for easy transport to your campsite, work site, fishing spot—almost anywhere. Fitted with Yamaha's most technologically sophisticated muffler, it's whisper quiet. And if you need extra juice, the EF2000iS has you covered—a convenient parallel function lets you connect two generators to deliver up to 30 maximum amps. Meets U.S. and CARB environmental standards; it's the way to power up responsibly.



EF2000iSCH



EF2000iS

The EF2000iS / EF2000iSCH is ideal for:

- *Charging Batteries*
- *Small Electronics*
- *Emergency Power with Limited Space*

EF2000iS / EF2000iSCH Quick Specs	
Type	Brushless Inverter
Rated Voltage	120V
Frequency	60 Hz
Maximum AC Output	2000 watts
Rated AC Output	1600 watts
Maximum AC Current	16.7 amps @ 120V
Rated AC Current	13.3 amps @ 120V
DC Output	8 amps @ 12V
Displacement	79cc
Ignition System	T.C.I.
Starting System	Recoil
Overall Length	19.3 in
Overall Width	11 in
Overall Height	17.9 in
Dry Weight	44.1 lb
Fuel Tank Capacity	1.1 gal
Continuous Operation Hours @ Load	10.4 hr @ 1/4 load
Noise Level	51.5-61 dBA
Limited Warranty	3 years



EF2000iS / EF2000iSH Accessories and Maintenance Parts	
Cover	ACC-GNCVR-20-01
Wheel Kit	-
Wireless Remote Control	-
Twin Tech Cable (L5-30)	7DK-Y8579-10-00
Sidewinder™ Cable (30 A RV)	ACC-0SS55-70-01
Hour Meter	ENG-METER-2C-01
Hour Meter / Tachometer	ENG-METER-4C-01
Charge Lead	7LG-87209-00-00
Spark Plug	BPR-6HS00-00-00
Air Filter	7DX-E4451-00-00

EF2400iSHC

MSRP: $1479.00



The EF2400iSHC. HC stands for High Current, which means extra power to help start your motor-driven electric devices. This model uses Yamaha's powerful 171cc overhead-valve engine, contains all the latest Yamaha Inverter technology and puts out 2400 maximum watts of clean, pure power—enough juice to crank up a high-efficiency 13,500 BTU RV air conditioner. All in a package that weighs a mere 75 pounds! Which means the new EF2400iSHC is not only super quiet, but highly portable as well.

The EF2400iSHC is ideal for:

- *Air Conditioners*
- *Small Electronics / TV's*
- *Emergency Power with Limited Space*



EF2400iSHC Quick Specs	
Type	Brushless Inverter
Rated Voltage	120V
Frequency	60 Hz
Maximum AC Output	2400 watts
Rated AC Output	2000 watts
Maximum AC Current	20 amps @ 120V
Rated AC Current	16.7 amps @ 120V
DC Output	8 amps @ 12V
Displacement	171cc
Ignition System	T.C.I.
Starting System	Recoil
Overall Length	20.8 in
Overall Width	16.5 in
Overall Height	18.2 in
Dry Weight	75 lb
Fuel Tank Capacity	1.6 gal
Continuous Operation Hours @ Load	8.6 hr @ 1/4 load
Noise Level	53-60 dBA
Limited Warranty	3 years

EF2400iSHC Accessories and Maintenance Parts	
Cover	ACC-GNCVR-24-01
Wheel Kit	ACC-GNWHL-24-00
Wireless Remote Control	-
Twin Tech Cable	-
Sidewinder™ Cable	-
Hour Meter	ENG-METER-2C-01
Hour Meter / Tachometer	ENG-METER-4C-01
Charge Lead	7LG-87209-00-00
Spark Plug	BPR-4ES00-40-00
Air Filter	7CN-E4451-00-00

EF2800i

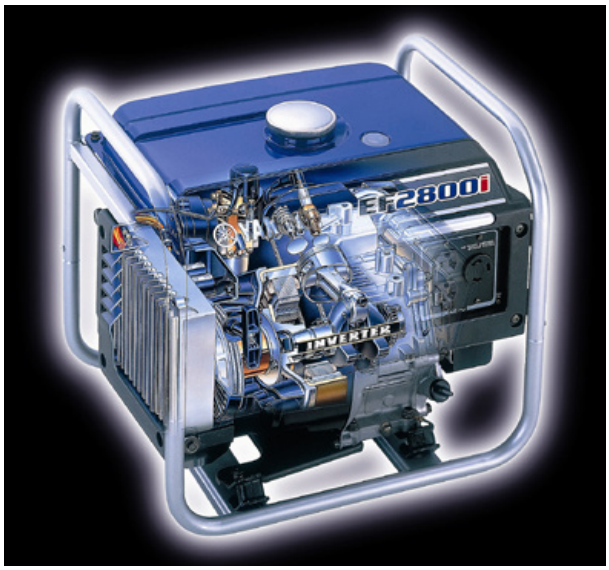
MSRP: $1699.00



There's a bunch of power and big-time features built into this compact 68-pound Inverter generator. Rated at 2800 maximum watts of output, this generator has an exceptional power output to weight ratio. Pulse Width Modulation produces high-quality, clean electricity that's ideal for powering computers and electronic appliances. Other features include AC and DC output, Smart Throttle that matches engine speed to current draw for delivering optimal fuel economy, an Oil Watch Warning System and AC non-fuse thermal breaker circuitry and the list goes on. We're talking big, reliable power in a small package.

The EF2800i is ideal for:

- *Air Conditioners*
- *Small Electronics / TV's*
- *Emergency Power with Limited Space*



EF2800i Quick Specs	
Type	Brushless Inverter
Rated Voltage	120V
Frequency	60 Hz
Maximum AC Output	2800 watts
Rated AC Output	2500 watts
Maximum AC Current	23.3 amps @ 120V
Rated AC Current	20.8 amps @ 120V
DC Output	8.3 amps @ 12V
Displacement	171cc
Ignition System	T.C.I.
Starting System	Recoil
Overall Length	19.2 in
Overall Width	15.6 in
Overall Height	16.7 in
Dry Weight	68 lb
Fuel Tank Capacity	2.6 gal
Continuous Operation Hours @ Load	15 hr @ 1/4 load
Noise Level	64-67 dBA
Limited Warranty	3 years

EF2800i Accessories and Maintenance Parts	
Cover	ACC-GNCVR-26-01
Wheel Kit	-
Wireless Remote Control	-
Twin Tech Cable	-
Sidewinder™ Cable	-
Hour Meter	ENG-METER-2C-01
Hour Meter / Tachometer	ENG-METER-4C-01
Charge Lead	7LG-87209-00-00
Spark Plug	BPR-4ES00-40-00
Air Filter	7CN-E4451-00-00

EF3000iS

MSRP: $1899.00



Powerful and super-quiet, this recoil-start generator features Noise Block, our unique sound-reduction system that provides unbeatable noise dampening; Smart Throttle load-sensing rpm control that offers greater fuel efficiency and noise reduction by automatically adjusting engine speed to match the load; Inverter System with Pulse Width Modulation (PWM) control that lets you safely run products with built-in microcomputers, or microcomputer-controlled electric tools; plus Yamaha's unmatched quality with standard three-year warranty. All of which make it the best value in the 3000-watt class.

The EF3000iS is ideal for:

- *Air Conditioners*
- *Small Electronics / TV's*
- *Emergency Power with Limited Space*



EF3000iS Quick Specs	
Type	Brushless Inverter
Rated Voltage	120V
Frequency	60 Hz
Maximum AC Output	3000 watts
Rated AC Output	2800 watts
Maximum AC Current	25 amps @ 120V
Rated AC Current	23.3 amps @ 120V
DC Output	12 amps @ 12V
Displacement	171cc
Ignition System	T.C.I.
Starting System	Recoil
Overall Length	26.8 in
Overall Width	17.5 in
Overall Height	21.9 in
Dry Weight	136 lb
Fuel Tank Capacity	3.4 gal
Continuous Operation Hours @ Load	19 hr @ 1/4 load
Noise Level	53-60 dBA
Limited Warranty	3 years

EF3000iS Accessories and Maintenance Parts	
Cover	ACC-GNCVR-30-01
Wheel Kit	-
Wireless Remote Control	ACC-GNRST-50-00
Twin Tech Cable	-
Sidewinder™ Cable	-
Hour Meter	ENG-METER-2C-01
Hour Meter / Tachometer	ENG-METER-4C-01
Charge Lead	-
Spark Plug	BPR-4ES00-40-00
Air Filter	7TD-E4461-00-00 & 7TD-E4451-00-00

EF3000iSE & EF3000iSEB

EF3000iSE MSRP: $2199.00
EF3000iSEB MSRP: $2469.00



Get ready for clean, quiet power. Lots of it. Because the EF3000iSE and EF3000iSEB are two of the world's most technologically advanced inverter generators. Both feature Yamaha's performance enhancing features, including Inverter Technology, Noise Block, Smart Throttle, Pulse Width Modulation, Oil Watch Warning System (for preventing engine damage) and built-in wheels for smooth, easy portability. Both offer an incredible 19-hour run time at one-quarter load. Plus, the EF3000iSEB goes one step further with Yamaha Boost Technology™ for an extra boost of power to start up big air conditioners and heavy-duty power tools. It's the perfect choice for House Boats or travel trailers.

The EF3000iSE / EF3000iSEB is ideal for:

- *Big Air Conditioners*
- *Small Electronics / TV's*
- *Heavy Duty Power Tools*

EF3000iSE / EF3000iSEB Quick Specs	
Type	Brushless Inverter
Rated Voltage	120V
Frequency	60 Hz
Maximum AC Output	3000 watts
Rated AC Output	2800 watts
Maximum AC Current	25 amps @ 120V
Rated AC Current	23.3 amps @ 120V
DC Output	12 amps @ 12V
Displacement	171cc
Ignition System	T.C.I.
Starting System	Electric
Overall Length	26.8 in
Overall Width	17.5 in
Overall Height	21.9 in
Dry Weight	149.9 lb / 154.3lb
Fuel Tank Capacity	3.4 gal
Continuous Operation Hours @ Load	19 hr @ 1/4 load
Noise Level	53-60 dBA
Limited Warranty	3 years

EF3000iSE / EF3000iSEB Accessories and Maintenance Parts	
Cover	ACC-GNCVR-30-01
Wheel Kit	-
Wireless Remote Control	ACC-GNRST-50-00
Twin Tech Cable	-
Sidewinder™ Cable	-
Hour Meter	ENG-METER-2C-01
Hour Meter / Tachometer	ENG-METER-4C-01
Charge Lead	-
Spark Plug	BPR-4ES00-40-00
Air Filter	7TD-E4461-00-00 & 7TD-E4451-00-00

EF4500iSE

MSRP: $3399.00



The EF4500iSE picks up where our extremely successful EF3000iSEB leaves off, with even more power and fuel efficiency in a quiet, portable package. Designed for maximum fuel efficiency and minimum noise, its super-powerful engine allows it to run at the very low engine speed of just 2600 rpm—1000 rpm lower than other generators in its class. That slow engine speed pays off big time in reduced fuel consumption as well as less noise, vibration and engine wear. Naturally, it's got all the advanced features you expect from Yamaha, including an optional wireless remote control. The EF4500iSE truly is the ultimate boat accessory.

The EF4500iSE is ideal for:

- *Big Air Conditioners*
- *Small Electronics / TV's*
- *Heavy Duty Power Tools*

EF4500iSE Accessories and Maintenance Parts	
Cover	ACC-GNCVR-45-01
Wheel Kit	-
Wireless Remote Control	7XF-Y8600-00-00
Twin Tech Cable	-
Sidewinder™ Cable	-
Hour Meter	ENG-METER-2C-01
Hour Meter / Tachometer	ENG-METER-4C-01
Charge Lead	-
Spark Plug	BPR-4ES00-40-00
Air Filter	7CT-E4451-00-00

EF4500iSE Quick Specs	
Type	Brushless Inverter
Rated Voltage	120V
Frequency	60 Hz
Maximum AC Output	4500 watts
Rated AC Output	4000 watts
Maximum AC Current	37.5 amps @ 120V
Rated AC Current	33.3 amps @ 120V
DC Output	
Displacement	357cc
Ignition System	T.C.I.
Starting System	Electric
Overall Length	30.7 in
Overall Width	24.3 in
Overall Height	27.2 in
Dry Weight	194 lb
Fuel Tank Capacity	4.5 gal
Continuous Operation Hours @ Load	15.2 hr @ 1/4 load
Noise Level	58-60 dBA
Limited Warranty	3 years

EF6300iSDE

MSRP: $4099.00

Cranking out up to 6300 watts of pure sine wave inverter power, its fully enclosed casing makes it ultra quiet. And with sophisticated capabilities like dual 120-volt and 240-volt power, you can run almost any type of equipment with total confidence. From high-demand equipment such as well pumps, compressors and air conditioners to sensitive electronics like plasma TVs, satellite receivers and computers, the EF6300iSDE is ideal for outdoor recreation and power outage emergencies. Its excellent fuel efficiency means a run time of 13 hours at a constant one-quarter load on just a single tank of gas. Plus, its GFCI outlet and low noise level mean it's perfect for starting early or working late on the construction site making it the one workhorse you can't be without.



EF6300iSE Quick Specs	
Type	Brushless Inverter
Rated Voltage	120/240V
Frequency	60 Hz
Maximum AC Output	6300 watts
Rated AC Output	5500 watts
Maximum AC Current	52.5 amps @ 120V 26.3 amps @ 240V
Rated AC Current	45.8 amps @ 120V 22.9 amps @ 240V
DC Output	
Displacement	357cc
Ignition System	T.C.I.
Starting System	Electric
Overall Length	30.7 in
Overall Width	24.3 in
Overall Height	27.2 in
Dry Weight	200 lb
Fuel Tank Capacity	4.5 gal
Continuous Operation Hours @ Load	13.3 hr @ 1/4 load
Noise Level	58-64 dBA
Limited Warranty	3 years

The EF6300iSDE is ideal for:

- *Big Air Conditioners*
- *Small Electronics / TV's*
- *Heavy Duty Power Tools*

EF6300iSE Accessories and Maintenance Parts	
Cover	ACC-GNCVR-45-01
Wheel Kit	-
Wireless Remote Control	7XF-Y8600-00-00
Twin Tech Cable	-
Sidewinder™ Cable	-
Hour Meter	ENG-METER-2C-01
Hour Meter / Tachometer	ENG-METER-4C-01
Charge Lead	-
Spark Plug	BPR-4ES00-40-00
Air Filter	7CT-E4451-00-00

Premium Series

EF2600

MSRP: $949.00



Rugged, lightweight and feature-packed, the EF2600 is an excellent compact generator for the home or work site, with the power to run many appliances as well as power tools. Compact and only 92.6 pounds, our smallest Premium Generator nonetheless comes with a big 2.9-gallon fuel tank (with gauge) that provides 7.8 hours of run time on a single tank of gas, along with non-fuse thermal breaker circuitry. Our Oil Watch Warning System protects the EF2600's heavy-duty 171cc engine, and a rugged rollover frame protects the outside. A mechanical governor delivers consistent engine speed for smoother power, while rubber mounts and a quiet muffler keep the noise to a minimum.

The EF2600 is ideal for:

- *Power Tools*
- *Small appliances*
- *Air Conditioners*

EF2600 Accessories and Maintenance Parts	
Cover	ACC-GNCVR-26-01
Wheel Kit	-
Wireless Remote Control	-
Twin Tech Cable	-
Sidewinder™ Cable	-
Hour Meter	ENG-METER-2C-01
Hour Meter / Tachometer	ENG-METER-4C-01
Charge Lead	-
Spark Plug	BPR-4ES00-40-00
Air Filter	7CN-E4451-00-00

EF2600 Quick Specs	
Type	Brushless AC Generator
Rated Voltage	120V
Frequency	60 Hz
Maximum AC Output	2600 watts
Rated AC Output	2300 watts
Maximum AC Current	21.6 amps @ 120V
Rated AC Current	19 amps @ 120V
DC Output	
Displacement	171cc
Ignition System	T.C.I.
Starting System	Recoil
Overall Length	20.1 in
Overall Width	16.3 in
Overall Height	16.7 in
Dry Weight	92.6 lb
Fuel Tank Capacity	2.9 gal
Continuous Operation Hours @ Load	7.8 hr @ rated load
Noise Level	68 dBA
Limited Warranty	3 years

EF4000D & EF4000DE

EF4000D MSRP: $1799.00
EF4000DE MSRP: $1949.00



Go ahead and power up both 120- and 240-volt equipment with either of these new compact and powerful generators—anything from air conditioners to power drills. A rugged 357cc Yamaha engine has no trouble spinning out 4000 watts of power from the maintenance free brushless alternator, and they've got all the perks, too: Transistor Controlled Ignition helps them fire right up and run super smooth; Noise Suppressor reduces interference with TVs and radios; Oil Watch Warning System prevents engine damage; and Economy Idle reduces fuel consumption and noise. Plus, the EF4000DE adds the convenience of push-button electric start! Whichever one you choose, they're each perfect for the dock, Boat, and home backup.

EF4000D / EF4000DE Quick Specs	
Type	Brushless AC Generator
Rated Voltage	120/240V
Frequency	60 Hz
Maximum AC Output	4000 watts
Rated AC Output	3500 watts
Maximum AC Current	33 amps @ 120V 17 amps @ 240V
Rated AC Current	29 amps @ 120V 15 amps @ 240V
DC Output	
Displacement	357cc
Ignition System	T.C.I.
Starting System	Recoil / Electric
Overall Length	26.4 / 35.2 in
Overall Width	20.1 / 20.5 in
Overall Height	22.7 in
Dry Weight	180.8 lb / 196.2 lb
Fuel Tank Capacity	6.1 gal
Continuous Operation Hours @ Load	8.2 hr @ rated load
Noise Level	72 dBA
Limited Warranty	3 years

EF4000D / EF4000DE Accessories and Maintenance Parts	
Cover	ACC-GNCVR-46-01
Wheel Kit	ACC-WHEEL-KI-TP
Remote Start Kit	7VW-Y8720-00-00
Wireless Remote Control	-
Twin Tech Cable	-
Sidewinder™ Cable	-
Hour Meter	ENG-METER-2C-01
Hour Meter / Tachometer	ENG-METER-4C-01
Charge Lead	-
Spark Plug	BPR-4ES00-40-00
Air Filter	7CT-14451-00-00

EF5200D & EF5200DE



EF5200D MSRP: $1999.00
EF5200DE MSRP: $2099.00

All the great features and reliability of the EF4000DE with a little more oomph—5200 peak watts to be exact—enough to run most residential well pumps, multiple power tools simultaneously and major appliances. A reliable 357cc Yamaha four-stroke engine runs for up to 7.4 hours on a single tank of fuel, and Yamaha engineering keeps the noise down to a quiet 73 dBA. It gets all the Yamaha good stuff as well: AC Non fuse Thermal Breaker Circuitry, TCI, Brushless Alternator, Oil Watch Warning System… and even with all those features and power, the EF5200D weighs just 189.6 pounds. Plus, for those wanting the convenience of electric start, the EF5200DE adds push-button start to the list.

EF5200D / EF5200DE Quick Specs	
Type	Brushless AC Generator
Rated Voltage	120/240V
Frequency	60 Hz
Maximum AC Output	5200 watts
Rated AC Output	4500 watts
Maximum AC Current	43.3 amps @ 120V 21.7 amps @ 240V
Rated AC Current	37.5 amps @ 120V 18.8 amps @ 240V
DC Output	
Displacement	357cc
Ignition System	T.C.I.
Starting System	Recoil
Overall Length	26.4 / 35.2 in
Overall Width	20.1 / 20.5 in
Overall Height	22.7 in
Dry Weight	189.6 lb / 205 lb
Fuel Tank Capacity	6.1 gal
Continuous Operation Hours @ Load	7.4 hr @ rated load
Noise Level	73 dBA
Limited Warranty	3 years

EF5200D / EF5200DE Accessories and Maintenance Parts	
Cover	ACC-GNCVR-46-01
Wheel Kit	ACC-WHEEL-KI-TP
Remote Start Kit	7VW-Y8720-00-00
Wireless Remote Control	-
Twin Tech Cable	-
Sidewinder™ Cable	-
Hour Meter	ENG-METER-2C-01
Hour Meter / Tachometer	ENG-METER-4C-01
Charge Lead	-
Spark Plug	BPR-4ES00-40-00
Air Filter	7CT-E4451-00-00

EF6600D & EF6600DE

EF6600D MSRP: $2449.00
EF6600DE MSRP: $2549.00



Welcome to the power big leagues for home backup or the worksite. The same size as our EF5200DE, the new EF6600DE's powerful 357cc engine helps it put out a full 6600 watts of power—enough juice to run well pumps, air conditioners, refrigerators—and enough to be the main power source for the typical cabin or home in an emergency. This one's got it all: OHV Engine, Brushless Alternator, Oil Watch Warning System, Noise Suppressor, Economy Idle, Transistor Controlled Ignition and so much more. Plus, the EF6600DE gives you all this and electric start for total ease of operation. More power to you.

EF6600D / EF6600DE Quick Specs	
Type	Brushless AC Generator
Rated Voltage	120/240V
Frequency	60 Hz
Maximum AC Output	6600 watts
Rated AC Output	6000 watts
Maximum AC Current	55 amps @ 120V 27.5 amps @ 240V
Rated AC Current	50 amps @ 120V 25 amps @ 240V
DC Output	
Displacement	357cc
Ignition System	T.C.I.
Starting System	Recoil
Overall Length	26.4 / 35.2 in
Overall Width	20.1 / 20.5 in
Overall Height	22.7 in
Dry Weight	189.6 lb / 205 lb
Fuel Tank Capacity	6.1 gal
Continuous Operation Hours @ Load	6.8 hr @ rated load
Noise Level	74 dBA
Limited Warranty	3 years

EF6600D / EF6600DE Accessories and Maintenance Parts	
Cover	ACC-GNCVR-46-01
Wheel Kit	ACC-WHEEL-KI-TP
Remote Start Kit	7VW-Y8720-00-00
Wireless Remote Control	-
Twin Tech Cable	-
Sidewinder™ Cable	-
Hour Meter	ENG-METER-2C-01
Hour Meter / Tachometer	ENG-METER-4C-01
Charge Lead	-
Spark Plug	BPR-4ES00-40-00
Air Filter	7CT-E4451-00-00

EF12000DE

MSRP: $4399.00



Power hungry? Just cut to the chase, and wheel in our most powerful generator: 12,000 watts should be enough to satisfy whatever you need to power up—120 or 240 volts. The EF12000DE's brushtype AVR AC alternator draws its motivation from a powerful, reliable 653cc twin-cylinder engine that'll run up to eight hours between fill-ups. We wouldn't send our flagship out there without the full complement of features: Oil Watch Warning System, Auto Voltage Regulation, Transistor Controlled Ignition, Noise Suppressor, GFI, Electric Starting and Economy Idle—you name it, this powerful generator's got it.

EF12000DE Quick Specs	
Type	Brushless AC Generator
Rated Voltage	120/240V
Frequency	60 Hz
Maximum AC Output	12000 watts
Rated AC Output	9500 watts
Maximum AC Current	79.2 amps @ 120V 39.6 amps @ 240V
Rated AC Current	100 amps @ 120V 50 amps @ 240V
DC Output	
Displacement	653cc
Ignition System	T.C.I.
Starting System	Electric
Overall Length	33.3 in
Overall Width	29.6 in
Overall Height	33.3 in
Dry Weight	327.8 lb
Fuel Tank Capacity	11.4 gal
Continuous Operation Hours @ Load	8 hr @ rated load
Noise Level	80 dBA
Limited Warranty	3 years

EF12000DE Accessories and Maintenance Parts	
Cover	-
Wheel Kit	-
Remote Start Kit	7VW-Y8720-00-00
Wireless Remote Control	-
Twin Tech Cable	-
Sidewinder™ Cable	-
Hour Meter	ENG-METER-2C-01
Hour Meter / Tachometer	ENG-METER-4C-01
Charge Lead	-
Spark Plug	BPR-5ES00-00-00
Air Filter	YA2-63326-10-A1
Oil Fitler	YA2-48658-01-00

Generator Accessories

A full line of generator accessories is another great reason customers want Yamaha. With other brands bought at department stores and other chain stores accessories, if they're offered, are available through the mail with no personalized service to ensure your customer gets the parts they need. For a quick overview of some of the many accessories available for Yamaha Generators, see the charts below.

Inverter Series

	Cover	Wheel Kit	Wireless Remote	Twin Tech Cable	Sidewinder™ Cable	Hour Meter	Hour Meter / Tachometer
EF1000iS	ACC-GNCVR-10-01	-	-	-	-	ENG-METER-2C-01	ENG-METER-4C-01
EF2000iS	ACC-GNCVR-20-01		-	7DK-Y8579-10-00	ACC-0SS55-70-01	ENG-METER-2C-01	ENG-METER-4C-01
EF2400iSHC	ACC-GNCVR-24-01	ACC-GNWHL-24-00	-	-	-	ENG-METER-2C-01	ENG-METER-4C-01
EF2800i	ACC-GNCVR-26-01	-	-	-	-	ENG-METER-2C-01	ENG-METER-4C-01
EF3000iS(E)	ACC-GNCVR-30-01	-	ACC-GNRST-50-00	-	-	ENG-METER-2C-01	ENG-METER-4C-01
EF3000iSEB	ACC-GNCVR-30-01	-	ACC-GNRST-50-00	-	-	ENG-METER-2C-01	ENG-METER-4C-01
EF4500iSE	ACC-GNCVR-45-01	-	7XF-Y8600-00-00	-	-	ENG-METER-2C-01	ENG-METER-4C-01
EF6300iSDE	ACC-GNCVR-45-01	-	7XF-Y8600-00-00	-	-	ENG-METER-2C-01	ENG-METER-4C-01

Premium Series

	Cover	Wheel Kit	Remote Start Cable	Hour Meter	Hour Meter / Tachometer
EF2600	ACC-GNCVR-26-01	-	-	ENG-METER-2C-01	ENG-METER-4C-01
EF4000DE	ACC-GNCVR-46-01	ACC-WHEEL-KI-TP	7VW-Y8720-00-00	ENG-METER-2C-01	ENG-METER-4C-01
EF5200DE	ACC-GNCVR-46-01	ACC-WHEEL-KI-TP	7VW-Y8720-00-00	ENG-METER-2C-01	ENG-METER-4C-01
EF6600DE	ACC-GNCVR-46-01	ACC-WHEEL-KI-TP	7VW-Y8720-00-00	ENG-METER-2C-01	ENG-METER-4C-01
EF12000DE	-	-	7VW-Y8720-00-00	ENG-METER-2C-01	ENG-METER-4C-01



Generator Covers



Remote Starter Kits



Wheel Kits

Generator Covers

Protect your investment during storage with a cover made from premium Sur Last® polyester fabric. This UV-resistant material fights fading while protecting your equipment from the elements. A special urethane coating lets moisture escape from underneath while remaining water repellent. The cover is mold and mildew resistant, as well as tear and abrasion resistant for durability.

Inverter Series	
Generator	***Cover***
EF1000iS	ACC-GNCVR-10-01
EF2000iS	ACC-GNCVR-20-01
EF2400iSHC	ACC-GNCVR-24-01
EF2800i	ACC-GNCVR-26-01
EF3000iS	ACC-GNCVR-30-01
EF3000iS / EF3000iSE	ACC-GNCVR-30-01
EF3000iSEB	ACC-GNCVR-30-01
EF4500iSE	ACC-GNCVR-45-01
EF6300iSDE	ACC-GNCVR-45-01

Premium Series	
Generator	***Cover***
EF2600	ACC-GNCVR-26-01
EF4000D	ACC-GNCVR-46-01
EF4000DE	ACC-GNCVR-46-01
EF5200D	ACC-GNCVR-46-01
EF5200DE	ACC-GNCVR-46-01
EF6600D	ACC-GNCVR-46-01
EF6600DE	ACC-GNCVR-46-01



ACC-GNCVR-10-01



ACC-GNCVR-20-01



ACC-GNCVR-24-01



ACC-GNCVR-26-01



ACC-GNCVR-30-01



ACC-GNCVR-45-01



ACC-GNCVR-46-01

Generator Two Wheel Kit

For ease of maneuverability, these wheel kits are ideal. Heavy-duty solid rubber tires to eliminate flats. Handles are made to fold down to reduce space requirements and potential damage. The four wheel kit fits: EF4000D, EF4000DE, EF5200D, EF5200DE, EF6600D, and EF6600DE.

ACC-WHEEL-KI-TP





EF2400iSHC Four Wheel Kit
For ease of maneuverability, these wheel kits are ideal. Heavy-duty solid wheels to eliminate flats.

ACC-GNWHL-24-00



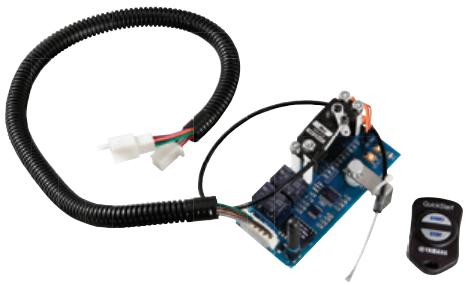
Wired Remote Starter Kits
Extra convenience for getting up and going when you need to. Features a 33-foot cord with remote starter switch. Available for all electric-start premium models.

7VW-Y8720-00-00



Wireless Remote Control Kit
Start your generator remotely with the wireless remote control kits. Just like remote start kit for automobiles, there is no need to face the elements to get the power of a Yamaha Generator flowing.

Fits EF4500iSE and EF6300iSDE: ***7XF-Y8600-00-00***



Wireless Remote Control Kit
Start your generator remotely with the wireless remote control kits. Just like remote start kit for automobiles, there is no need to face the elements to get the power of a Yamaha Generator flowing.

Fits EF3000iSE/iSEB: ***ACC-GNRST-50-00***



Optional Parts for Wireless Remote Control Kit ACC-GNRST-50-00

Replacement Key Fob Transmitter: ***ACC-GNRST-30-20***

Optional External Antenna: ***ACC-GNRST-30-10***

Sidewinder™ Parallel Power Cable
Combine the power of two Yamaha EF2000iS generators. Includes polarized IP30 banana plugs, quick connection to TwinTech™ jacks on both generators, color-coded wire leads, exclusive flexible tip construction that resists breakage, rugged over-braided cable design, and a handy Velcro® mounting system. Compatible with a standard 30A RV cord (plugs directly into all 30A RV cables). Works with a pair of EF2000iS generators.

ACC-0SS55-70-01



TwinTech™ Cable
Connect two EF2000iS generators for max. 30 amps and rated 25 amps of power. Includes standard 30 amp twist-lock receptacle (NEMA® L5-30). Works with a pair of EF2000iS generators.
(For RV use, adaptor (ACC-RVADP-PL-UG) required, sold separately.)

7DK-Y8579-10-00



RV Adapter Kit
Plug has a 30A receptacle for RV use. Required if connecting the Twin Tech cable to RV.

ACC-RVADP-PL-UG



Yamaha Engine Meter
To help you maintain your generator at proper service intervals, the intervals are pre-programmed into this meter (10 hours initial, every 50 hours thereafter). Upon reaching the specified service interval, the meter displays a flash alert for a two-hour period. Works with all Yamaha gasoline generators and pumps.

Deluxe Hour Meter (Hour Meter Only): ***ENG-METER-2C-01***

Deluxe Hour Meter & Tachometer: ***ENG-METER-4C-01***







Yamaha Generators Banners
Let your customers know you sell the best generators in the business. These eye catching 3' x 6' banner is perfect for getting the customers attention.

Red and Silver: ***BRI-YMGEN-RD-GN***

Red: ***BRI-YMGEN-RD-NS***



AM/WATT® Appliance Load Tester by Reliance Controls
Gives quick, accurate readout of watts or amps used by 120 volt AC electrical devices (1875 watts maximum) such as: refrigerators, dehumidifiers, space heaters, and much more. Has a 26" cord to reach remote electrical outlets. Easy amps/watts slide switch. Tester is perfect for matching appliance loads to generator power output.

ACC-0SS58-40-44



3/8" Diameter 8' Heavy Duty Steel Cable
Master Lock® 8' heavy duty steel cable, 3/8" diameter. Cable is constructed from galvanized steel with a vinyl coating to prevent scratching or marring of surfaces.
(Qty. 4*) ***MSL-86DAT-00-10***



1/4" Diameter 6' Self-Coiling Black Cable
Master Lock® 6' self-coiling black cable, 1/4" diameter. Cable is constructed from braided steel with a vinyl coating to prevent scratching or marring of surfaces. Self-coiling for easy use and storage.
(Qty. 2*) ***MSL-61DAT-00-10***



Armored Shackle Lock
Master Lock's® Armored hardened steel shackle defies cutting and the 1-9/16" laminated steel body for superior strength. It also has 4-pin tumbler cylinder which helps prevent picking while the shackle guard protects against bolt cutters and hacksaws. Can be used for securing trailers, cables, and chains. Fits openings ½" diameter or larger with the shackle guard in place.
(Qty. 4*) ***MSL-37D00-00-10***

Generator Maintenance Parts

Yamaha offers a complete line of maintenance parts for generators, so why compromise the legendary Yamaha reliability with aftermarket parts.

	Oil Capacity	Oil Filter	Spark Plug	Battery	Air Filter
EF1000iS	0.34 US QT (0.32 L)	Not Required	CR4-H5S00-00-00	-	7VV-14451-00-00
EF2000iS	0.42 US QT (0.4 L)	Not Required	BPR-6ES00-40-00	-	7DX-E4451-00-00
EF2400iS/HC	0.63 US QT (0.6 L)	Not Required	BPR-4ES00-40-00	-	7CN-E4451-00-00
EF2800i	0.63 US QT (0.6 L)	Not Required	BPR-4ES00-40-00	-	7CN-E4451-00-00
EF3000iS/E/EB	0.63 US QT (0.6 L)	Not Required	BPR-4ES00-40-00	YTX-12BS0-00-00	7TD-E4461-00-00 & 7TD-E4451-00-00
EF4500iSE	1.14 US QT (1.3 L)	Not Required	BPR-4ES00-40-00	YTX-20LBS-00-00	7CT-E4451-00-00
EF6300iSDE	1.14 US QT (1.3L)	Not Required	BPR-4ES00-40-00	YTX-20LBS-00-00	7CT-E4451-00-00
EF2600	0.63 US QT (0.6 L)	Not Required	BPR-4ES00-40-00	-	7CN-E4451-00-00
EF4000D/DE	1.06 US QT (1.0 L)	Not Required	BPR-4ES00-40-00	C60-N24LA-00-00	7CT-E4451-00-00
EF5200D/DE	1.16 US QT (1.1 L)	Not Required	BPR-4ES00-40-00	C60-N24LA-00-00	7CT-E4451-00-00
EF6600D/DE	1.16 US QT (1.1 L)	Not Required	BPR-4ES00-40-00	C60-N24LA-00-00	7CT-E4451-00-00
EF12000DE	1.64 US QT (1.55 L)	YA2-48658-01-00	BPR-5ES00-00-00	<23° - NS6-00000-00-00 >24° - NS4-0Z000-00-00	YA2-63326-10-A1







Air & Oil Filters



7DX-E4451-00-00
EF2000iS



7VV-14451-00-00
EF1000iS



7CT-E4451-00-00
EF4500iSE, EF6300iSDE, EF4000D(E), EF5200D(E), EF6600D(E)



7CN-E4451-00-00
EF2400iS, EF2400iSHC, EF2800i
EF2600



7TD-14451-00-00 & 7TD-E4451-00-00
EF3000i, EF3000iSE, EF3000iSEB



YA2-63326-10-A1
EF12000DE



YA2-48658-01-00
EF12000DE

Yamalube® Products



Foam Air Filter Oil
Helps protect against dirt, dust and water. For use only with foam air filters. Minium order quantity is 4.

Pint Bottle: ***ACC-FOAMF-LT-ER***

Bio-degradable Foam Air Filter Oil & Cleaner Kit

Kit contains a non-alcohol-based, dirt-grabbing, water resistant, super-tacky filter oil and heavy-duty, concentrated detergent, specifically developed to clean foam air filters. This Air Filter Oil can only be washed out with the Biodegradable Foam Air Filter Cleaner and water. It won't wash out with gasoline, solvents or water alone. Minium order quantity is 12.

2 - 16 OZ Bottles: ***ACC-BIFMF-LT-KT***



Air Filter Cleaner

Air Filter Cleaner is used to clean foam & fabric air filters that have been treated with petroleum based oil. Use this cleaner to clean filters treated with Yamalube Foam Filter oil. Minium order quantity is 4.

Gallon Bottle: ***ACC-FOAMF-CL-GL***



10W-30 Golf Car and Generator Oil

Specially formulated mineral base oil and additive system for the rigors of a constant load and frequent start-ups as found with the normal operation of a Golf Car or Generator.

Quart Bottles: ***LUB-10W30-GG-12***

5 Gallong Bucket: ***LUB-10W30-GC-05***

55 Gallon Drum: ***LUB-10W30-GC-55***



5W-40 Semi-Synthetic for Utility

Designed from synthetic and mineral base stocks specifically for utility ATV and Side x Side, low speed hauling and climbing that stress the engine's oil to the extreme in all seasons. Built to handle grueling off-road conditions, reduced fiction, Contains Moly, Thermal Breakdown resistance, Anti-corrosion, Easy Starting provides optimum, low-temperature pump ability down to -40º F (-40º C). Minium order quantity 1 case (12 bottles).

Quart Bottles: ***LUB-05W40-SS-12***



Sample Fitting and Wire Gauge Charts

APPLIANCES & TOOLS				
	Running Wattage Requirements	Starting Wattage Requirements	QTY	Totals
VCR	50	0		
Heating Pad	65	0		
Radio	100	0		
Television - Black & White	100	0		
Television - Color	300	0		
Dehumidifier	400	0		
Electric Blanket	400	0		
Garage Door Opener - 1/4HP	550	1100		
Garage Door Opener - 1/3HP	725	1400		
Well Pump - 1/3 hp	750	1400		
Well Pump - 1/2 hp	1000	2100		
Sump Pump - 1/3 hp	800	1300		
Sump Pump - 1/2 hp	1050	2150		
Vacuum Cleaner - Standard	800	0		
Vacuum Cleaner - Deluxe	1100	0		
1/4" Drill	300	300		
Jigsaw	300	300		
Electric Weed Trimmer	500	500		
Router	1000	1000		
Belt Sander	1000	1000		
Disc Sander	1200	1200		
Chain Saw	1200	1200		
Worm Drive Saw	1560	3100		
12" Concrete Cutter	1800	3600		
7 1/4" Circular Saw	1500			
Disc Grinder	2000	4000		
Air Compressor, Average	2000	4000		
			APPLIANCES & TOOLS SUB TOTAL:	

LOAD (AMPS)	WIRE MINIMUM GAUGE (AWG)		
	0 ~ 50 ft.	51 ~ 100 ft.	101 ~ 150 ft.
2	22	20	18
3	22	18	16
4	20	16	16
5	18	16	14
6	18	16	14
8	16	14	12
10	16	12	12
12	16	12	10
14	14	12	10

LOAD (AMPS)	WIRE MINIMUM GAUGE (AWG)		
	0 ~ 50 ft.	51 ~ 100 ft.	101 ~ 150 ft.
16	14	10	10
18	14	10	8
20	12	10	8
22	12	10	8
25	12	10	8
30	10	8	6
35	10	8	6
40	8	6	4
50	6	4	2
60	4	2	2

KITCHEN & BATH				
	Running Wattage Requirements	**Starting Wattage Requirements**	**QTY**	**Totals**
Refrigerator, Average	600	2200		
Dish Washer - Cool Dry	700	1400		
Dish Washer - Hot Dry	1450	1400		
Clothes Dryer - Gas	700	1800		
Clothes Dryer - Electric	5750	1800		
Microwave Oven, 1000W	1500	1650		
Washing Machine	750	2300		
Coffee Maker	1000	0		
Toaster 2-slice	1100	0		
Toaster 4-slice	1650	0		
Electric Skillet	1500	0		
Electric Range 6-in. element	1500	0		
Electric Range 8-in. element	2100	0		
Freezer	2500	2200		
Hair Dryer 1500 watt	1500	0		
Iron	1200	0		
			KITCHEN & BATH SUB TOTAL:	

HEATING & COOLING				
	Running Wattage Requirements	**Starting Wattage Requirements**	**QTY**	**Totals**
Furnace Fan, gas or fuel oil furnace				
1/8 horsepower	300	500		
1/6 horsepower	500	750		
1/4 horsepower	600	1000		
2/5 horsepower	700	1400		
3/5 horsepower	875	2350		
Central Air Conditioner				
10,000 BTU	1500	2200		
20,000 BTU	2500	3300		
24,000 BTU	3800	4950		
32,000 BTU	5000	6500		
40,000 BTU	6000	6700		
			HEATING/COOLING SUB-TOTAL:	



Yamaha Southeastern Headquaters - Kennesaw, GA

Availability subject to production, stocking, and demand. Current availability can be found using YMBS (www.yamaha-dealers.com/outboards).



Boat smart from the start. Take a boating safety course and get a free vessel safety check annually for your boat. For more information, contact: United States Coast Guard Auxiliary, online at www.cgaux.org, or United States Power Squadrons, 888-for-usps, www.usps.org. Remember to always observe all applicable boating laws. Never drink and drive. Dress properly with a USCG-approved personal flotation device and protective gear.

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