

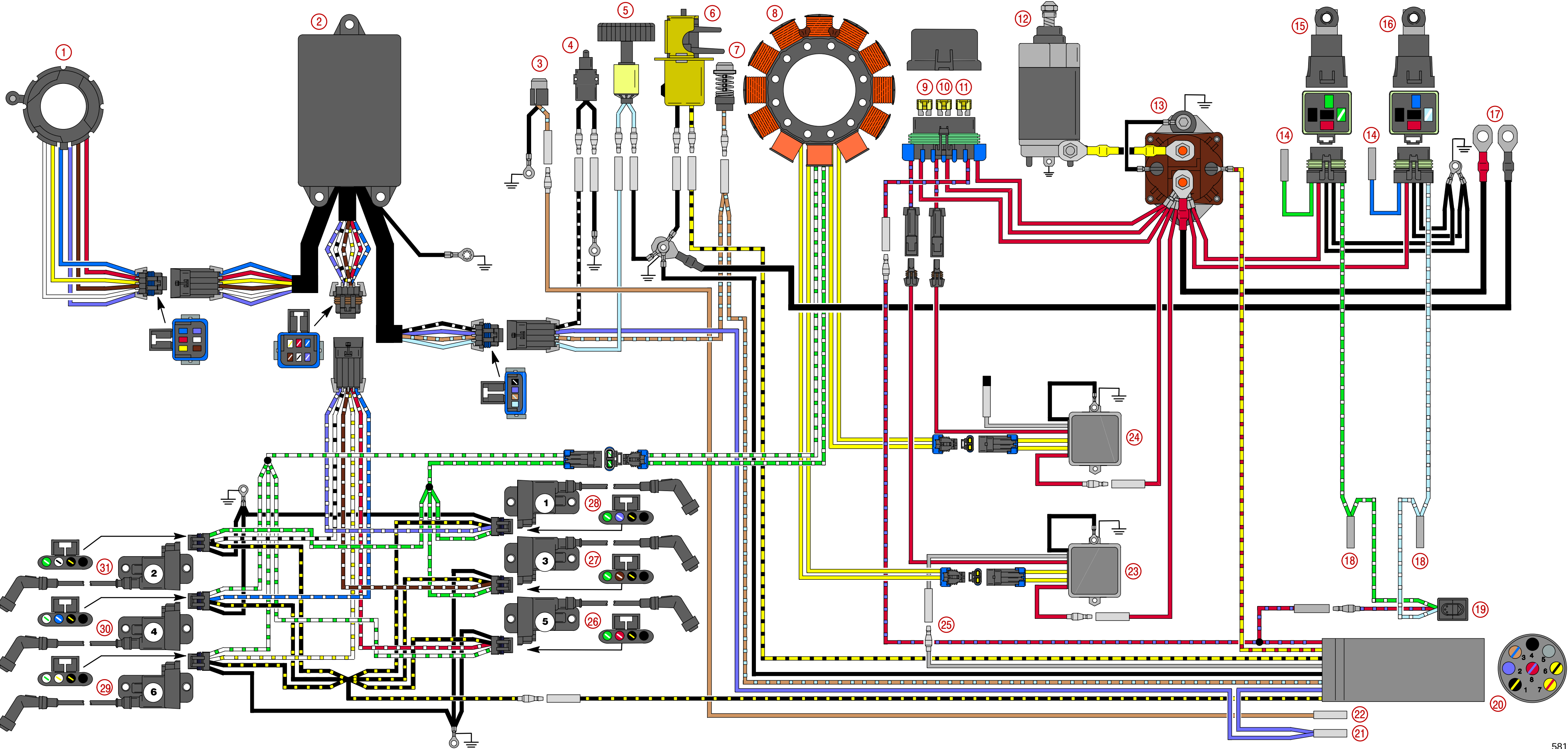




## **2.5 LITER V-6 CARBURETOR COLOR WIRING DIAGRAM 2000 MODELS**



1. Trigger
2. Control Module
3. Temperature Sensor
4. Shift Switch
5. Low Oil Switch
6. Fuel Enrichment Solenoid
7. Temperature Switch
8. Stator
9. 20 Ampere Fuse Lower Voltage Regulator
10. 20 Ampere Fuse Upper Voltage Regulator
11. 20 Ampere Fuse Accessories and Starting Circuit
12. Starter
13. Start Solenoid
14. To Trim Motor
15. Trim Down Relay
16. Trim Up Relay
17. To 12 Volt Battery
18. To Remote Control Trim Switch
19. Cowl Mounted Trim Switch
20. To Remote Control
21. Auxiliary Power
22. To Temperature Gauge
23. Lower Voltage Regulator
24. Upper Voltage Regulator
25. Tachometer Signal
26. CDM #5
27. CDM #3
28. CDM #1
29. CDM #6
30. CDM #4
31. CDM #2

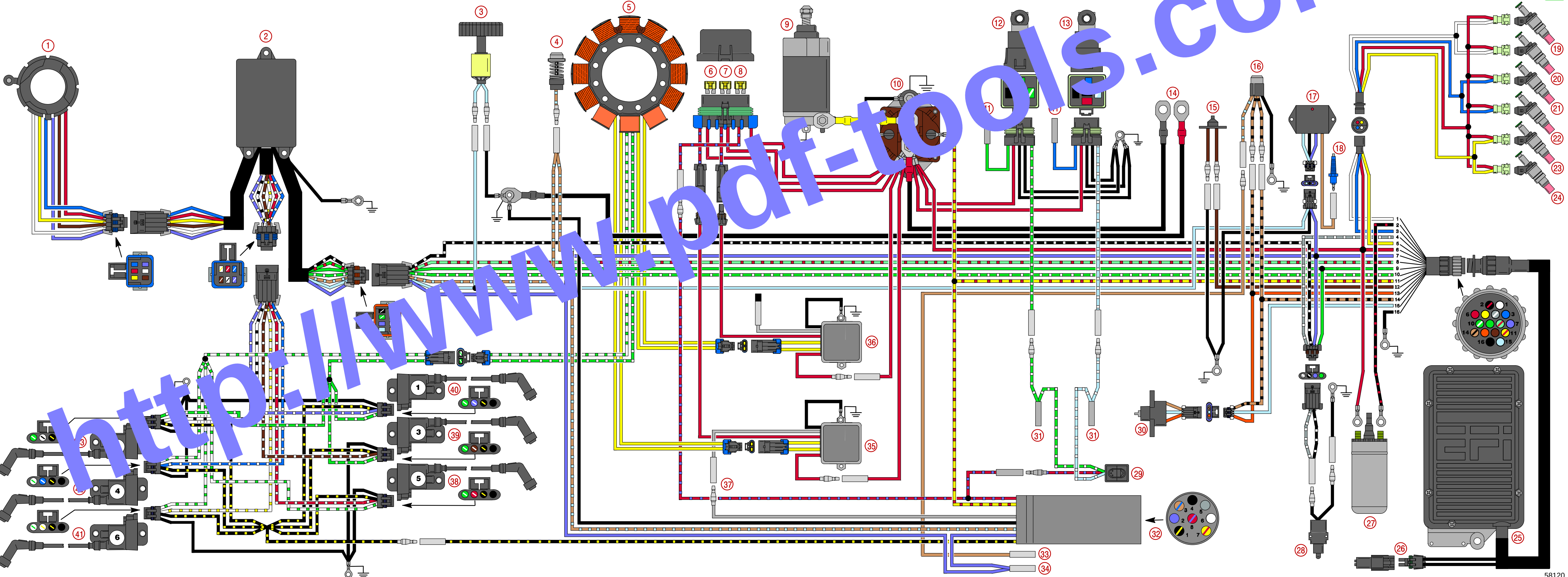




## **2.5 LITER V-6 150/175 EFI COLOR WIRING DIAGRAM 2000 MODELS**



1. Trigger
2. Control Module
3. Low Oil Sensor
4. Temperature Sensor
5. Stator
6. 20 Amp Fuse Lower Voltage Regulator
7. 20 Amp Fuse Upper Voltage Regulator
8. 20 Amp Fuse Accessories and Starting Circuit
9. Starter
10. Start Solenoid
11. To Trim Motor
12. Trim Down Relay
13. Trim Up Relay
14. To 12 Volt Battery
15. Air Temperature Sensor
16. Temperature Sensor
17. Water Sensing Module
18. Water Sensing Probe
19. #1 Fuel Injector
20. #2 Fuel Injector
21. #3 Fuel Injector
22. #4 Fuel Injector
23. #5 Fuel Injector
24. #6 Fuel Injector
25. Electronic Control Unit
26. Digital Diagnostic Terminal Connector
27. Electric Fuel Pump
28. Shift Switch
29. Cowl Mounted Trim Switch
30. Throttle Position Indicator
31. To Remote Control Trim Switch
32. To Remote Control
33. To Temperature Gauge
34. Auxiliary Power
35. Lower Voltage Regulator
36. Upper Voltage Regulator

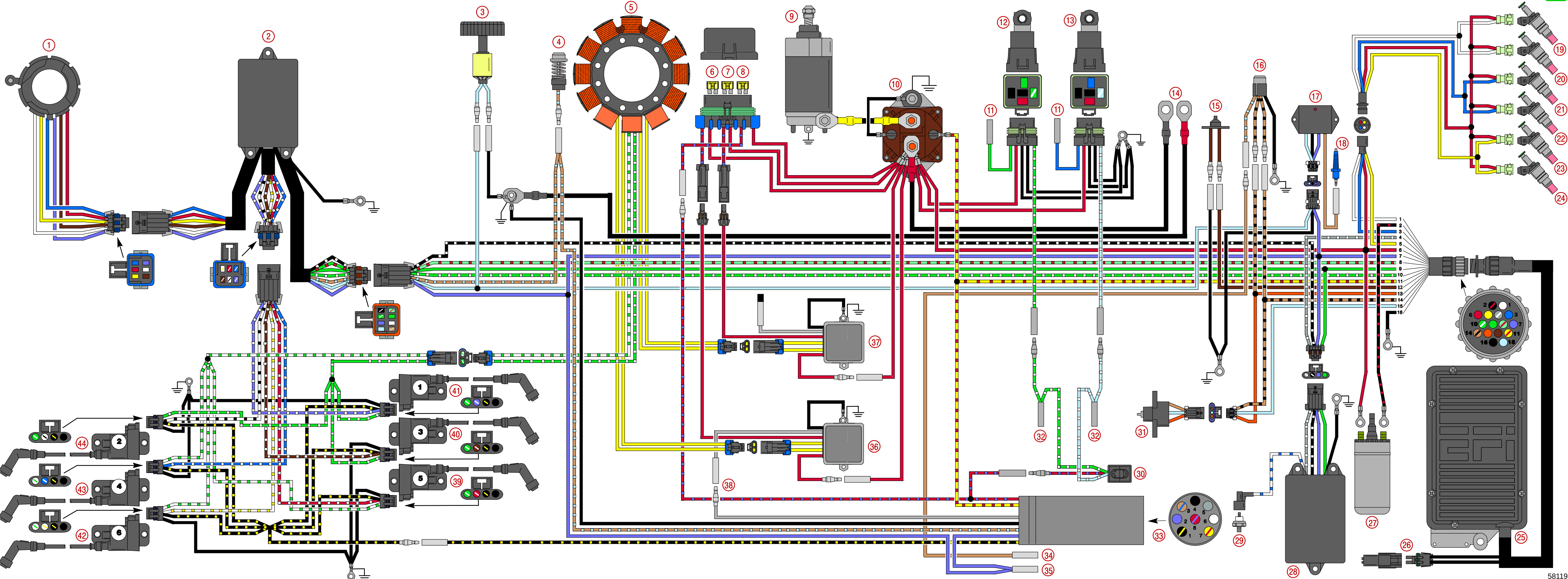




**2.5 LITER V-6 200 EFI  
COLOR WIRING DIAGRAM  
2000 MODEL**



1. Trigger
2. Control Module
3. Low Oil Switch
4. Temperature Switch
5. Stator
6. 20 Amp Fuse Lower Voltage Regulator
7. 20 Amp Fuse Upper Voltage Regulator
8. 20 Amp Fuse Accessories and Starting Circuit
9. Starter
10. Start Solenoid
11. To Trim Motor
12. Trim Down Relay
13. Trim Up Relay
14. To 12 Volt Battery
15. Air Temperature Sensor
16. Temperature Switch
17. Water Sensing Module
18. Water Sensing Probe
19. #1 Fuel Injector
20. #2 Fuel Injector
21. #3 Fuel Injector
22. #4 Fuel Injector
23. #5 Fuel Injector
24. #6 Fuel Injector
25. Electronic Control Unit
26. Digital Diagnostic Terminal Connector
27. Electric Fuel Pump
28. Detonation Module
29. Detonation Sensor
30. Cowl Mounted Trim Switch
31. Throttle Position Sensor
32. To Remote Control Trim Switch
33. To Remote Control
34. To Temperature Gauge
35. Auxiliary Power
36. Lower Voltage Regulator



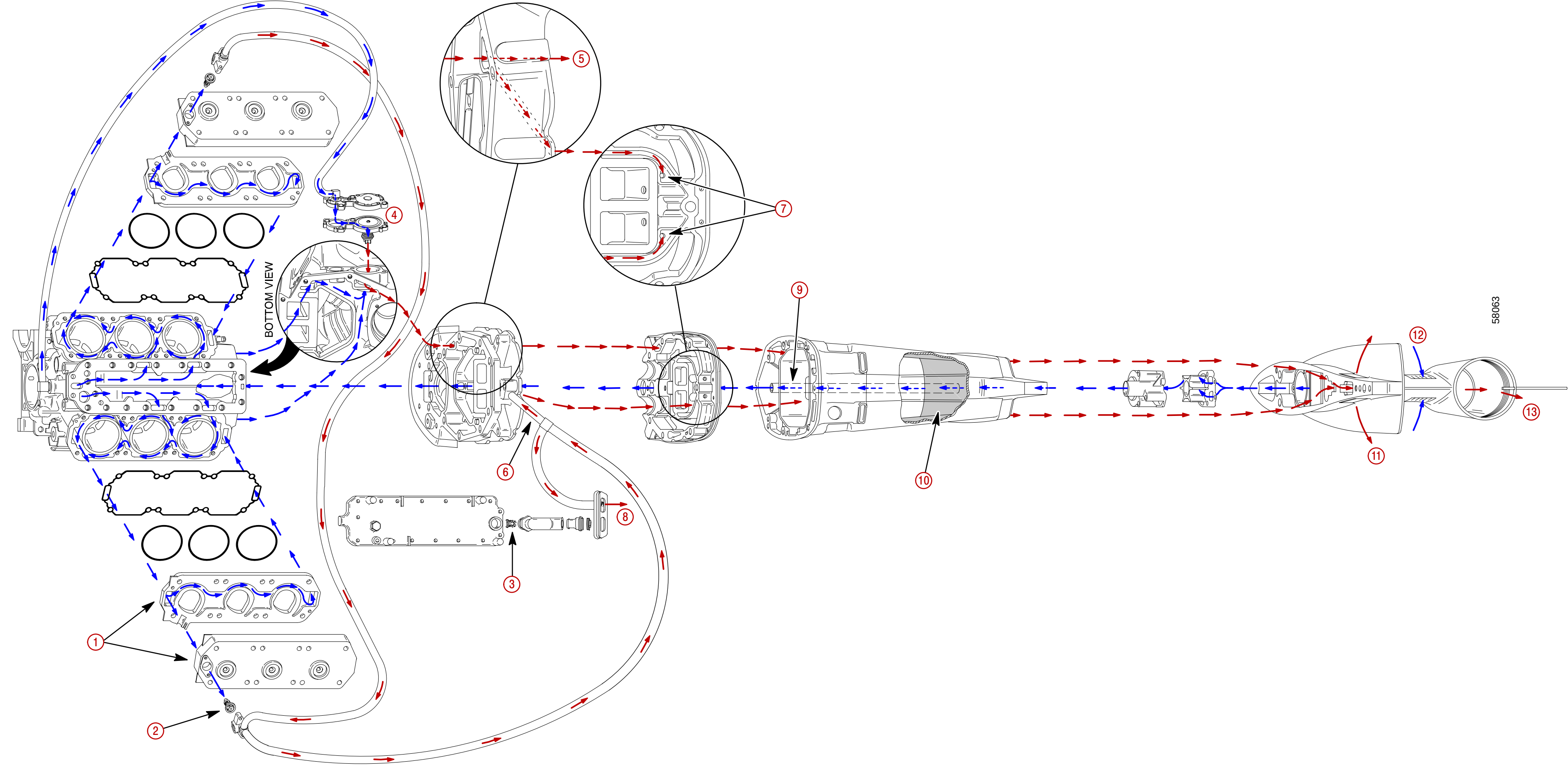


**2.5 LITER V-6  
COLOR WATER FLOW DIAGRAM  
2000 MODELS**



1. Cylinder Head Cover – Removed from head for illustration, normally part of head casting.
2. Thermostat (2) 143° F (61.7° C) – If stuck closed, engine will over heat at low speed. If stuck open, engine will not warm up at idle speed.
3. Check Valve for powerhead flush.
4. Poppet Valve – Controls water flow at high RPM.  
***NOTE:** If poppet valve is stuck open at low RPM, the engine will not reach proper operating temperature (run cold) and will run rough at idle.*
5. Primary Water Discharge into Driveshaft Housing.
6. Water passing through thermostats dump into the adaptor plate, then discharges down the exhaust.
7. Water Dump Holes for Exhaust Cooling (2 each) 1/8 in. (3.175 mm) – if holes are plugged, tuner pipe will melt and bearing carrier prop shaft seals will be damaged.
8. Tell-Tale Outlet
9. Water Tube
10. Wall of Water – If water level height is insufficient, water pump may draw in air resulting in an overheated engine.
11. Excess water from wall of water around exhaust bucket exits around anodes.
12. Water Inlet
13. Water exiting exhaust discharge.

2.5 Litre V-6 Water Flow Diagram 2000 Models





# COLOR DIAGRAMS

## Table of Contents

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|                                      |     |
|--------------------------------------|-----|
| 2.5 Litre V-6 Carburetor             |     |
| Wiring Diagram 2000 Models .....     | 8-3 |
| 2.5 Litre V-6 150/175 EFI            |     |
| Wiring Diagram 2000 Models .....     | 8-5 |
| 2.5 Litre V-6 200 EFI                |     |
| Wiring Diagram 2000 Models .....     | 8-7 |
| 2.5 Litre V-6                        |     |
| Water Flow Diagram 2000 Models ..... | 8-9 |

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