

Appendix H

Miscellaneous

i8130/40 Fuel Sender Connections

The i8130/40 Engine Interface box can handle two fuel senders. The sender inputs are both two wire inputs and may be used for single or double pole fuel sender applications. When used for single pole application the return line is connected to ground, preferably at the tank.

When set for US calibration the range of both senders is 33 (full) to 240 (empty) ohms. When set for European calibration the range of both senders is 10 (empty) to 180 (full) ohms. The units are shipped set for European Calibration. To change to US calibration, cut the black wire going into pin G1 of the J2 connector on the i8130/40 module.

The fuel sender wires are available in CE50206 Harness near the i8130/40 module connector. The Fuel 1 Sender wire is pink with a white tracer. The Fuel 2 Sender wire is pink. Both Fuel Return wires are black.

i8130/40 Paddle Wheel Connections

The i8130/40 Engine Interface box has three wires to connect the paddle wheel. The Paddle Wheel Reference wire is violet. The Paddle Wheel Signal wire is violet with a white tracer. And the Ground wire is black. These wires are found in the CE50206 cable near the connector to the i8130/40.

i8130/40 Transmission Connections

WIRING CONNECTIONS					
Teleflex ECU J1 DT04-12PA-E005	TROLL	SOL A	SOL B	OTHER	WIRE COLOR
1		POSITIVE			YELLOW
2			POSITIVE		YELLOW/WHT
3	POSITIVE				BLUE/WHT
4				OIL PRESS	LT BLUE
5				NSP LOOP	YELLOW/RED
6	NEGATIVE				BLACK
				NSP LOOP	YELLOW/RED
11		NEGATIVE			BLACK
			NEGATIVE		BLACK
7, 8, 9, 10, 12				SEAL PLUG	

Note: Unlimited Control Systems energize Solenoid "A" in "Forward" Gear.

Tuff Torque / Kanzaki Transmission

Red (positive) and black (negative) are solenoid "A" (CCW). Blue (positive) and white (negative) are solenoid "B" (CW).