

TRIM SYSTEMS FOR MOST OUTBOARDS

Senders for trim systems are not available from Veethree. Senders can only be purchased from the engine's dealers.

Veethree does not furnish trim gauges for the following engines: Nissan, Tohatsu, Chrysler and most Force.

Make sure your engine has a trim sender. Not all engines have a trim gauge option.

The sender usually has two wires- brown with white stripe for Mercury/Johnson/Evinrude or pink for the Yamaha. Black is to ground.

If the gauge seems to operate backwards from the way it should go, the wrong (not compatible) gauge is being used with the sender.

The trim gauge can be tested by:

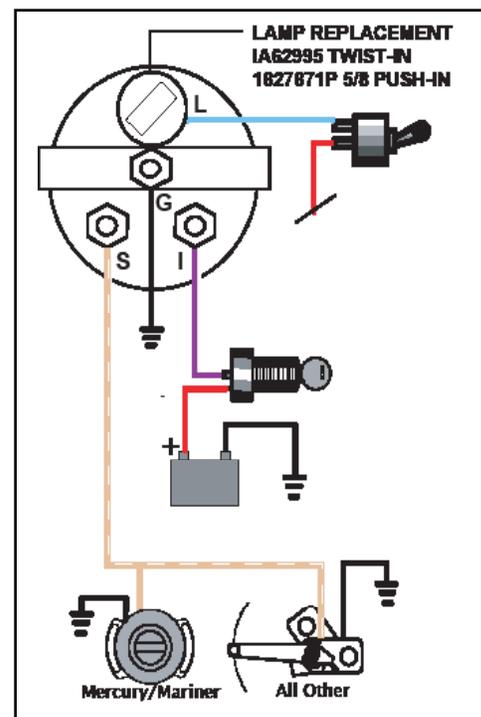
Power the gauge by connecting a positive wire to the "I" terminal and a ground wire to the "G" terminal. Have no other wires connected to the gauge. Turn the key on. Pointer will read full UP (Johnson/Evinrude/Suzuki will read DOWN).

Next, with the power still connected, short the sender terminal at the gauge to ground. The pointer should go to the full DOWN position (Johnson/Evinrude/Suzuki will read UP).

If the gauge pointer travels fully to both sides, the gauge is functional.

The gauge part number is located on the side of the housing.

Sender Resistance (Ohms)		Engine Type
Up	Down	
33	240	Pre 1978 OMC I/O Selectrim
2-10	88	Evinrude/Johnson Outboards
2 1/2	88	Suzuki DF 90/115- 2001 DF 25 and up- 2002 on DF70, DF80, DF90 2009 Only*
167	10	Mercuriser, Mercury, Mariner Cobra I/O Volvo DP , SX I/Os Force 1995 and On 40, 50, 90, 120 Yamaha Outboard 2001 On
84	5	Mercuriser Alpha, Bravo w/sender fo 2 gauges
167	10	Yamaha EST Series I/O (special low current draw gauge)
410	110	Yamaha Outboard Pre 2001



* 2009 DF70, DF80, DF90 require adaptor unit Suzuki #34870-87L00 to work.