ISSPRO, INC. 2515 N.E. Riverside Way, Portland OR 97211
Telephone: (503) 288-4488 ◆ Toll Free: (800) 888-8065
FAX: (503) 249-2999

Installation Instructions for the R8506 Torque Converter Tachometer Kit

General Information:

Operating Voltage: 10-16 VDC
Signal Output: R8941 Sender (300084 Sender Sub-Assembly)
Gauge: R8505 3 3/8" Tachometer
Reverse Voltage Protected

Calibration:

No calibration is necessary.

Mounting Instructions:

a. Ensure proper size drive tang is inserted fully into slotted shaft. The drive tang is snapped into place but is free to move, allowing for normal eccentricity.
b. Carefully insert the tip of the male drive tang into the female drive and screw the sender down finger tight. Tighten sender fitting securely; torque must not exceed 200-inch pounds (22.6 newton meters, 15 lb-ft max).

NOTE: The sender can be mounted in any position and works equally well in either direction of rotation.

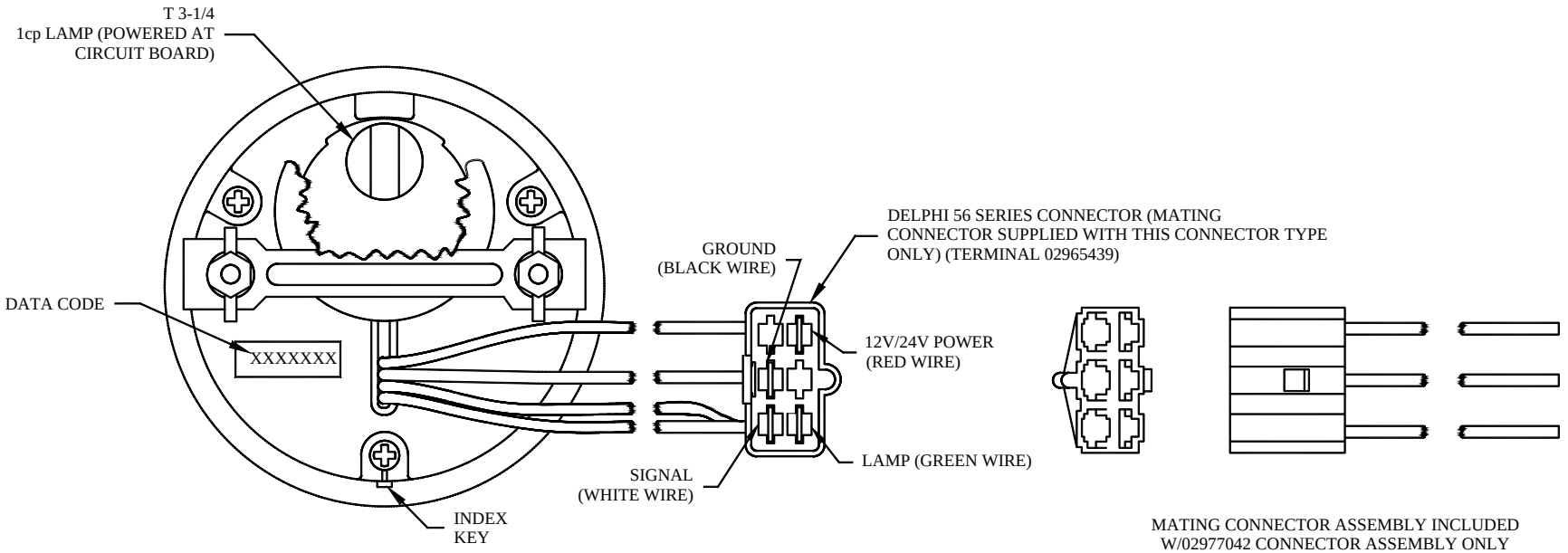
Maintenance:

No routine maintenance is required for the sender. If it is installed in a harsh or severe environment, check terminations for clean and secure connections. The snap-in drive tang may be easily replaced if worn.

Troubleshooting Hints:

a. If the tach does not operate, but the needle "bumps" when power is applied, the trouble is probably in the sender or its wiring.
b. A resistance check of the sender should give a reading of between 250 and 300 ohms. Higher or lower readings indicated either a faulty sender or wiring. The wires do not have to be disconnected from the tachometer to obtain a proper reading.
c. If the tach reads low, check the supply voltage while the engine is running. It should be between 13.5 and 14.5 VDC. If a lower (or higher) voltage is observed, a problem exists in either the installation or the vehicle electrical system.

Wiring Diagram



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