

Smart 2000/2001 Gauges

4-1F. INSTALLATION INSTRUCTIONS

SMART INSTRUMENT SERIES

WARNING - Disconnect battery ground cable before installing Datcon Smart Instruments. Connecting instruments to "live" wiring could result in electrical shock, causing possible injury.

Step 1. Disconnect ground cable from negative (-) terminal battery. Locate instrument in suitable position. If mounted on a vehicle, instrument should be easily read from normal driving position.

Step 2. Mount instrument in panel. Instrument come equipped with mounting bracket and

quire a 2-1/8 inch diameter hole for clearance. Secure instrument with bracket and hardware.

Step 3. Connect "S" terminal on back of instrument to signal source. **DATCON SMART INSTRUMENTS REQUIRE NO SPECIAL SWITCH TO ACTIVATE THE LED WARNING LIGHT.**

A. Temperature, pressure, and fuel level senders are connected to the "S" terminal on the instrument.

B. Voltmeters do not have an "S" terminal connection.

Step 4. Connect "I" terminal to switched voltage source. **THE INSTRUMENT MUST BE MATCHED TO A 12V SYSTEM ONLY.**

Step 5. Connect ground wire to "G" terminal. Choose a suitable grounding surface. Avoid painted or coated surfaces. These surfaces do not provide good grounding contact and could cause erratic operation.

FIGURE 4-2.

NOTE: THE SENDER, GROUND, AND IGNITION STUDS ON DATCON SMART INSTRUMENTS ARE INVERTED FROM STANDARD DATCON INSTRUMENTS. SEE SKETCH BELOW FOR CONFIGURATION. SEE FIGURE 4-2. TERMINAL CONNECTIONS FOR SMART ELECTRICAL INSTRUMENTS

