

# 1985 - 1988 Corvette: Service Bulletin: Damage to Wiring Terminals on Engine Sensors - Metri-Pack 150 Series

**Subject:** Damage to Wiring Terminals on Engine Sensors - Metri-Pack 150 Series

**Model and Year:** 1985-88 All Vehicles

**Source:** Chevrolet Dealer Service Bulletin

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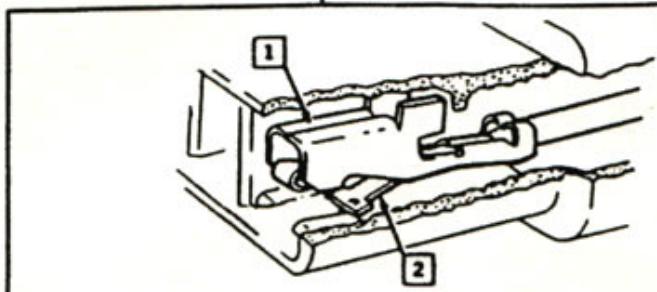
**Date:** Dec., 1987

**TO: ALL CHEVROLET DEALERS**

Improper handling of the Metri-pack 150 series electrical terminals may result in damage that could affect their performance. The Metri-pack 150 terminals are used on a variety of engine applications on all vehicle lines. Some of these usages include the direct fire ignition (DIS) wiring, MAT, TPS, and coolant sensor/connectors.

Pictured below is a sketch of the Metri-pack series terminals.

1. METRI - PACK SERIES  
150 FEMALE TERMINAL
2. LOCKING TANG



Chevrolet bulletins are intended for use by professional technicians, NOT a "do-it-yourselfer." They are written to inform these technicians of conditions that may occur on some vehicles, or to provide information that could assist in the proper service of a vehicle. Properly trained technicians have the equipment, tools, safety instructions, and know-how to do a job properly and safely. If a condition is described, DO NOT assume that the bulletin applies to your vehicle, or that your vehicle will have that condition. See your Chevrolet dealer for information on whether your vehicle may benefit from that information.

GSD148J

#### DIAGNOSIS:

The Metri-pack 150 series terminals are small and can easily be damaged by probing during diagnosis. Any terminal damage may result in an intermittent contact condition.

DO NOT USE TEST LIGHT PROBES, METER PROBE, PAPER CLIPS, OR ANY OTHER FOREIGN OBJECTS WHEN DIAGNOSING CIRCUITS WITH METRI-PACK 150 SERIES ELECTRICAL TERMINALS.

The proper way to take measurements at these terminals is to insert the proper mating terminal and use that as a contact for your meter or test light. These terminals can be obtained from the GMSPD standard parts catalog (P/N 12047581) or from the Kent-Moore Connector Test Adapter Kit (J35616).

#### TESTING

To evaluate a Metri-pack 150 terminal for proper operation, insert a new mating terminal and check for a slight drag when the terminals are separated. Loose terminals without drag should be replaced.

**DO NOT ATTEMPT TO REPAIR A DEFECTIVE TERMINAL.**

#### SERVICING

Refer to Chevrolet Dealer Service Bulletin 86-56 (Section 8A) dated March 1986 or the appropriate vehicle Service Manual (Section 8A) for the proper way to replace these terminals. Be sure to crimp and solder all terminals to the wire. A hand crimp alone is not sufficient to guarantee a satisfactory connection.

Chevrolet Motor Division  
General Motors Corporation

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