



Technical Service Information

FORD 4R70W

INTERMITTENT TCIL ILLUMINATION DTCS P0741, P0750, P0755 AND P1746 MAY BE STORED IN MEMORY

COMPLAINT: Intermittent Transmission Control Indicator Lamp (TCIL) or Malfunction Indicator Lamp (MIL) illumination may occur on some vehicles equipped with the 4R70W transmission. Diagnostic Trouble Codes (DTCs) P0741, P0750, P0755 and P1746 may be stored in the processors memory.

CAUSE: The cause may be, the solenoid interconnect molded lead frame not being fully seated on the solenoid pack or the bulkhead interconnect clips not being fully seated between the solenoid interconnect molded lead frame and bulkhead interconnect.

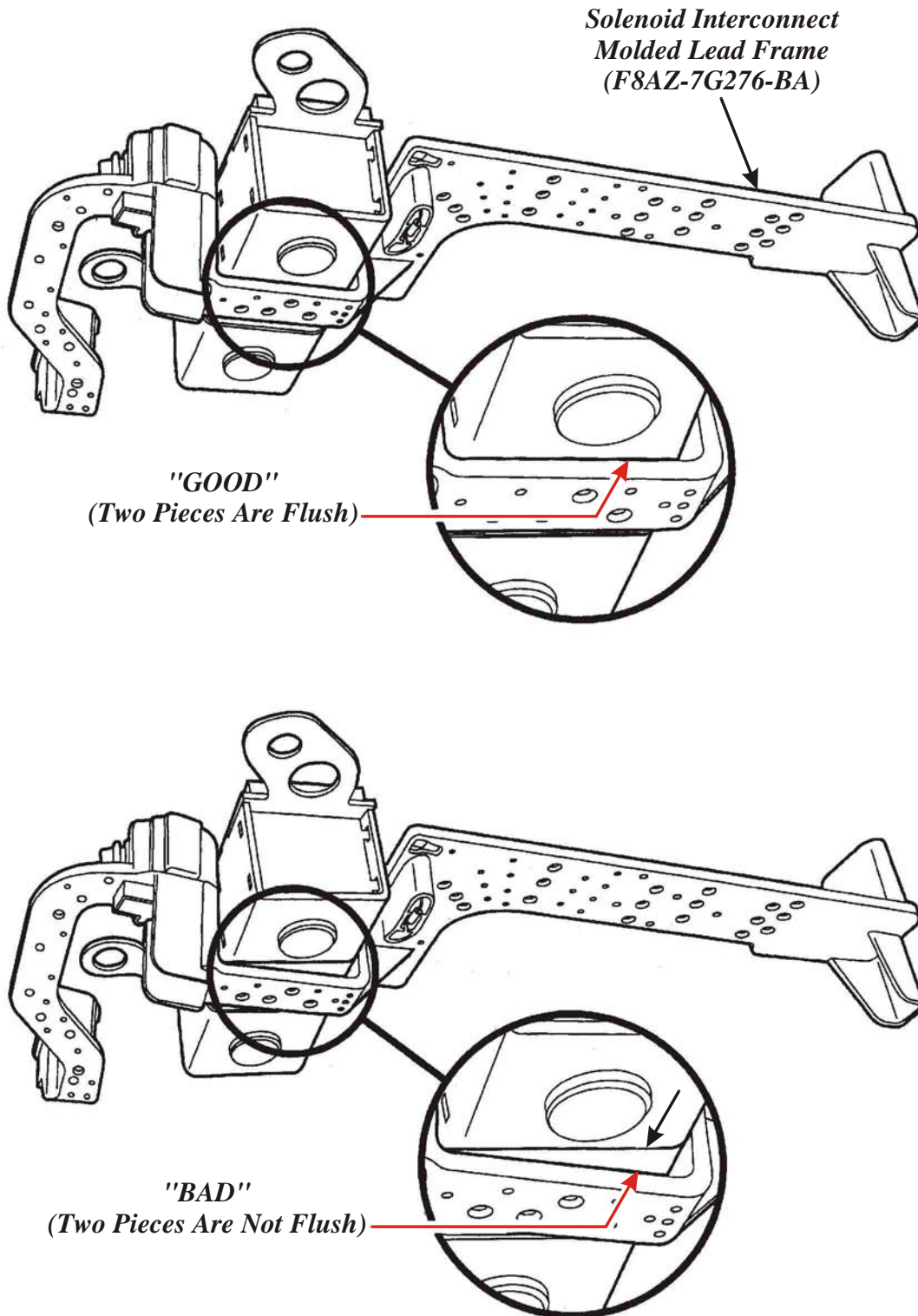
CORRECTION: Refer to the following service procedure:

- (1) Perform the normal diagnosis routines for the DTCs retrieved from processor memory.
- (2) Remove the transmission oil pan per the appropriate model Workshop Manual.
- (3) Verify that the solenoid interconnect molded lead frame is fully seated on all the solenoid connectors as shown in Figure 1. If the solenoid interconnect molded lead frame is fully seated, then gently remove the solenoid interconnect molded lead frame, valve body and the bulkhead interconnect.
- (4) With the bulkhead interconnect removed, push down on the terminal cover and check to see if any of the terminals are slightly protruding above the plastic cover as shown in Figure 2. Gently pry off the terminal cover using a small screwdriver (See Figure 3). With the terminal cover off, inspect the bulkhead interconnect for spreading terminals as shown in Figure 4.
- (5) Replace parts as necessary using the part numbers listed below and reassemble unit.

SERVICE INFORMATION:

Bulkhead Interconnect (Case Connector)	F8AZ-7G276-AA
Solenoid Interconnect (Internal Molded Harness)	F8AZ-7G276-BA

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Figure 1

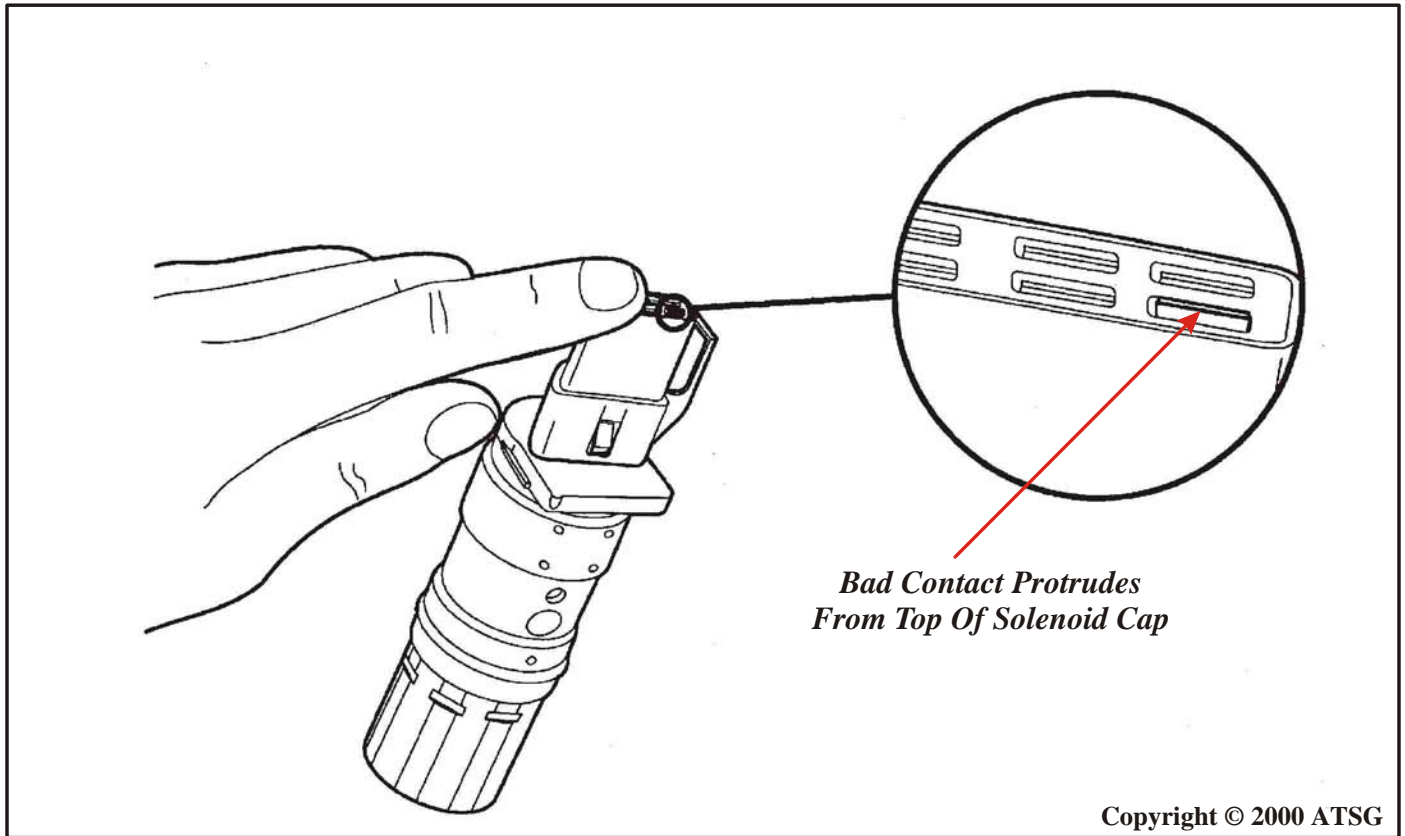


Figure 2

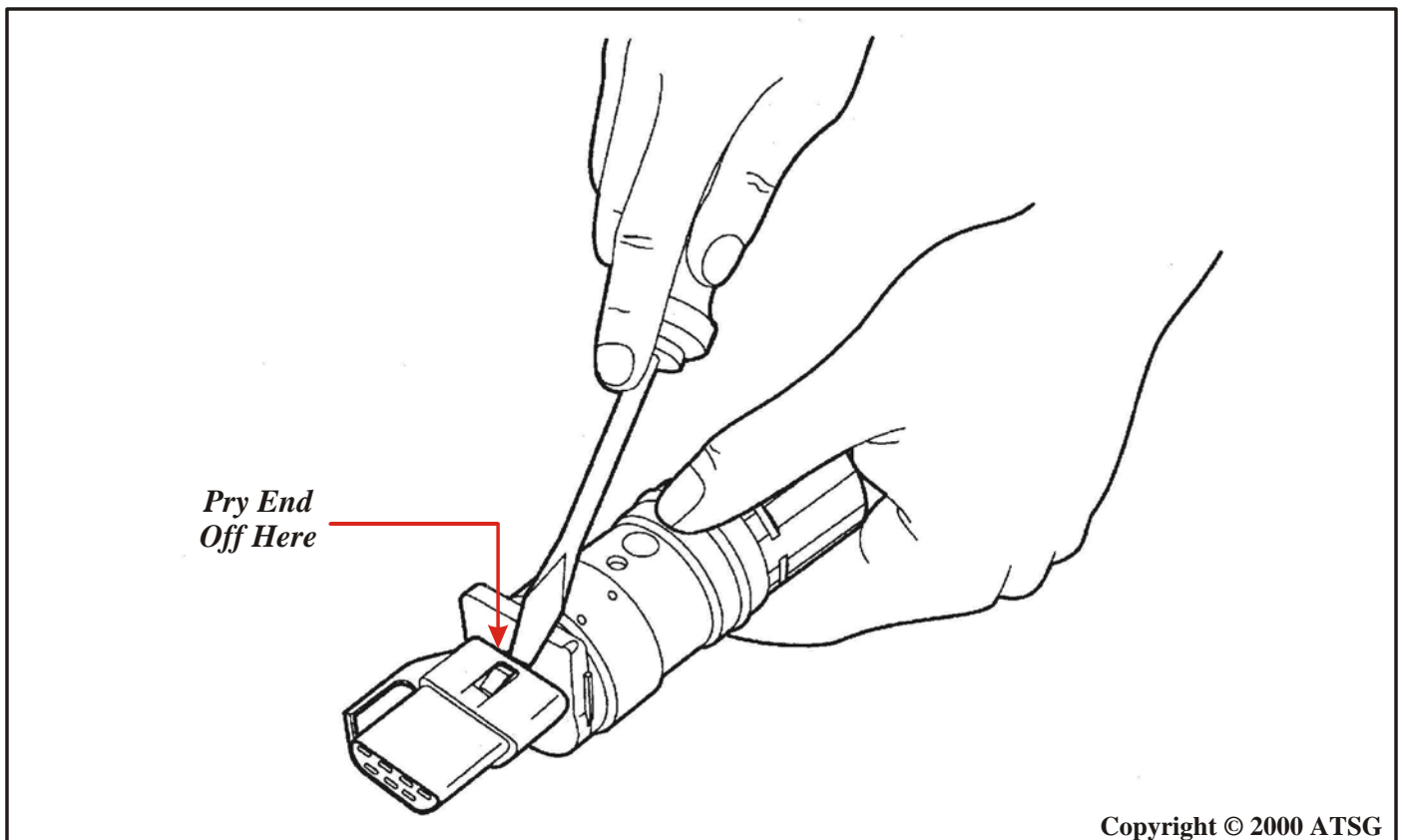


Figure 3

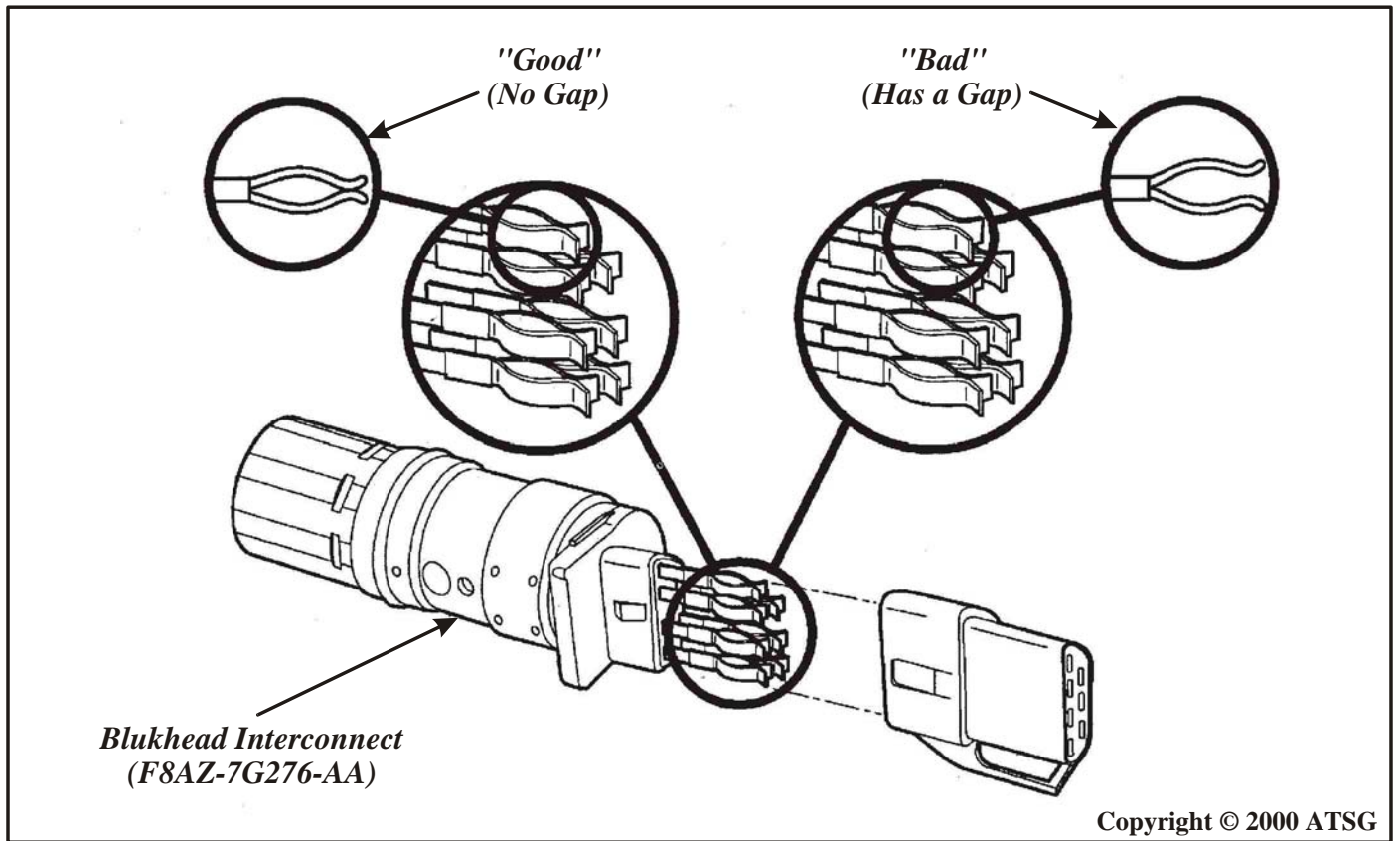


Figure 4