

**MIL Comes On With DTC P0740**

(Supersedes 00-033, dated June 27, 2000)

**SYMPTOM**

The MIL comes on with DTC P0740 (lock-up clutch does not engage) stored in the TCM.

**PROBABLE CAUSE**

Overly sensitive TCM software and contamination in the transmission fluid.

**CORRECTIVE ACTION**

Replace the TCM, and flush the transmission.

**PARTS INFORMATION**

Transmission Control Module (TCM):  
P/N 28100-P5M-A11, H/C 6449649

Honda ATF (10 quarts):  
P/N 08206-9001, H/C 3268554

Drain Plug Washer:  
P/N 90471-PX4-000, H/C 3300936

**WARRANTY CLAIM INFORMATION**

**In warranty:** The normal warranty applies.

OP#	Description	FRT	Template ID
223507	Retrieve the DTC, and clear codes with PGM Tester	0.3	00-033A
218124	Replace TCM, and flush transmission	1.0	
223507	Retrieve the DTC, and clear codes with PGM Tester	0.3	00-033B
218124	Replace TCM, and flush transmission	1.0	
A	Replace transmission	4.9	

Failed Part: P/N 28100-P5M-A04  
H/C 6143754

Defect Code: 072

Contention Code: B03

Skill Level: Repair Technician

**Out of warranty:** Any repair performed after warranty expiration may be eligible for goodwill consideration by the District Service Manager or your Zone Office. You must request consideration, and get a decision, before starting work.

**REPAIR PROCEDURE**

1. Replace the TCM. Refer to page 14-56 of the 1997-99 Prelude Service Manual.
2. Clear DTC P0740 with the PGM Tester.
3. Raise the car.
4. Drain the transmission, and refill it with Honda ATF.
5. Start the engine, shift to D<sub>4</sub>, then bring the speed up to 50 mph. Make sure the transmission shifts through all four gears and the torque converter locks up.
6. Apply the brakes to stop the wheels.
7. Shift to reverse, then to neutral.
8. Repeat steps 5, 6, and 7 four more times.
9. Turn off the engine.
10. Repeat steps 4 through 9 two more times.
11. Drain the transmission, and refill it with Honda ATF. Put a new washer on the drain plug.
12. Test-drive the car.
  - If the MIL does not come on, return the car to the customer.
  - If the MIL comes on with DTC P0740, replace the transmission.

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