

**MIL Comes On With A/T DTC P0740****SYMPTOM**

The MIL comes on and A/T DTC P0740 (problem in lock-up control system) sets.

PROBABLE CAUSE

The paper material on the torque converter piston is deteriorating.

VEHICLES AFFECTED

4-door – From VIN 1HGES....1L000001
thru 1HGES....1L045724

From VIN 2HGES....1H000001
thru 2HGES....1H559262

From VIN JHMES1...1S000001
thru JHMES1...1S007244

From VIN JHMES2...1S000001
thru JHMES2...1S003333

2-door – From VIN 1HGEM....1L000001
thru 1HGEM....1L056232

CORRECTIVE ACTION

Flush the transmission and replace the torque converter. Test-drive the vehicle; if the MIL comes on, continue with normal troubleshooting.

PARTS INFORMATION

Torque Converter: P/N 26000-PLM-315, H/C 6773337

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

REQUIRED MATERIALS

Honda ATF- Z1 (11.6 quarts):
P/N 08200-9001, H/C 6512628

WARRANTY CLAIM INFORMATION

In warranty: The normal warranty applies.

OP#	Description	FRT
223507	Retrieve the DTC, and clear codes with the PGM Tester	0.3
218143	Flush the transmission, and replace the torque converter (includes idle learn procedure)	3.6

Failed Part: P/N 26000-PLM-305
H/C 6452353

Defect Code: 034

Contention Code: B99

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. Raise the vehicle on a lift.
2. Drain the ATF.
3. Refill the transmission with Honda ATF-Z1.
4. Start the engine.
5. Press the brake pedal, move the shift lever to D, and release the brake pedal.
6. Press the accelerator pedal so the speedometer reads 50 mph. Make sure the transmission shifts through the first three lower gears and into 4th gear, and the torque converter locks up. Release the accelerator pedal.
7. Press the brake pedal to stop the front wheels.
8. Move the shift lever to R, and then to N. Release the brake pedal.
9. Repeat the shifting procedure (steps 5 through 8) *four* more times.
10. Turn off the engine.
11. Drain the ATF.
12. Repeat steps 3 through 11 *two* more times.
13. Replace the torque converter (see the Automatic Transmission section of the 2001 Civic Service Manual).
NOTE: This step does *not* require ATF cooler flushing.
14. Reinstall the drain plug with a new sealing washer.
15. Refill the transmission with Honda ATF-Z1.
16. Use the PGM Tester with SN131 or later software to clear any DTCs.
17. Do the idle learn procedure:
 - Make sure *all* electrical items (A/C, audio unit, defogger, lights, etc.) are turned off, then start the engine.
 - Let the engine warm up to its normal operating temperature (the cooling fan cycles twice).
 - Let the engine idle (throttle fully closed with all electrical items turned off) for 10 minutes.
18. Test-drive the vehicle to make sure the MIL does *not* come on. If the MIL comes on, continue with normal troubleshooting.