

Applies To: **1996–00 Civic – ALL**
2001 Civic – See VEHICLES AFFECTED**July 2001**

Civic Rear Main Oil Seal Leaks

SYMPTOM

The engine leaks oil between the block and the transmission.

PROBABLE CAUSE

The rear main oil seal (crankshaft oil seal) is contaminated.

VEHICLES AFFECTED

2001 Civic 2-door:

KE: From VIN 1HGEM2...1L600001 thru 1HGEM2...1L601119

KG: From VIN 1HGEM2...1L600001 thru 1HGEM2...1L601089

KK: From VIN 1HGEM2...1L500001 thru 1HGEM2...1L500028

KR: From VIN 1HGEM2...1L600001 thru 1HGEM2...1L601235

KX: From VIN 1HGEM2...1L900001 thru 1HGEM2...1L901263

2001 Civic 4-door:

KK: From VIN 1HGES1...1L500001 thru 1HGES1...1L500995

From VIN 2HGES1...1H750001 thru 2HGES1...H750302

KX: From VIN 1HGES1...1L900001 thru 1HGES1...1L904622

CORRECTIVE ACTION

Replace the crankshaft oil seal.

REQUIRED MATERIALS

Honda MTF: P/N 08798-9016

Honda ATF-Z1: P/N 08200-9001

Honda 5W-30 Engine Oil (1996–00 models): P/N 08798-9014

Honda 5W-20 Engine Oil (2001 models): P/N 08798-9023

PARTS INFORMATION

Crankshaft Oil Seal: P/N 91214-PH1-004

Drain Plug Washer, M/T: P/N 94109-14000

Drain Plug Washer, A/T: P/N 90471-PX4-000

WARRANTY CLAIM INFORMATION

In warranty: The normal warranty applies.

Description	FRT
Replace the crankshaft oil seal, 1996–00 Civic with M/T	3.2
Replace the crankshaft oil seal, 1996–00 Civic with A/T	4.1
Replace the crankshaft oil seal, 2001 Civic with M/T	3.4
Replace the crankshaft oil seal, 2001 Civic with A/T	4.3
Test-drive the vehicle	0.3

Failed Part: P/N 91214-P7A-004

Defect Code: 051

DIAGNOSIS

Clean the area with a shop towel where the engine block and transmission meet. Start the engine, and look for signs of oil leaking from that area. If needed, use a powdered leak detector.

- If you see any signs of leaking oil, go to REPAIR PROCEDURE.
- If you see *no* signs of leaking oil, then what looked like leaking oil may have been excess residue from a previous repair on another part. Continue with normal troubleshooting.

REPAIR PROCEDURE

1. Remove the transmission. Refer to the Manual Transmission or Automatic Transmission section of the appropriate shop manual.
2. Drain the engine oil, and remove the oil pan.
3. Remove the engine block end cover (right side cover on '96–00 models). Remove and discard the crankshaft oil seal.

4. Install the new crankshaft oil seal, and reinstall the end cover. Refer to the Engine Mechanical section of the appropriate shop manual.
5. Reinstall the oil pan. Refill the engine with the appropriate engine oil.
6. Reinstall the transmission.
7. Reinstall the drain plug with a new sealing washer.
8. Refill the transmission with the appropriate fluid.
9. *2001 models only.* 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.
10. *2001 2-door EX models only.* Drive the vehicle above 64 km/h for 5 to 10 minutes with the cruise control on. (This lets the cruise control actuator learn how much slack there is in the throttle cable.)