



Applies To: **2001-02 Civic** – See VEHICLES AFFECTED
2002 CR-V – See VEHICLES AFFECTED

May 28, 2002

2001-02 Civic and 2002 CR-V: MIL Comes On With DTC P1457

(Supersedes 02-026, dated April 16, 2002)

SYMPTOM

The MIL is on and DTC P1457 [leak detected in EVAP control system (EVAP control canister system)] is set. This condition usually occurs during cold weather.

PROBABLE CAUSE

The EVAP two-way/bypass solenoid valve response is too slow.

VEHICLES AFFECTED

2001 Civic 2-door:

From VIN 1HGEM....1L082696 thru VIN 1HGEM....1L122415

2001 Civic 4-door:

From VIN 1HGES....1L055733 thru VIN 1HGES....1L078369

From VIN 2HGES....1H582086 thru VIN 2HGES....1H620493

Japan produced (VIN starts with JHMES): ALL

2002 Civic 2-door:

From VIN 1HGEM....2L000057 thru VIN 1HGEM....2L006310

2002 Civic 4-door:

From VIN 1HGES....2L000236 thru VIN 1HGES....2L001386

From VIN 2HGES....2H500066 thru VIN 2HGES....2H543361

From VIN JHMES....2S000001 thru JHMES....2S005888

2002 CR-V:

From VIN JHLRD6...2C000001 thru JHLRD6...2C010554

From VIN JHLRD7...2C000001 thru JHLRD7...2C034119

CORRECTIVE ACTION

Replace the EVAP two-way/bypass solenoid valve.

PARTS INFORMATION

EVAP Two-Way/Bypass Solenoid Valve:
P/N 17380-S5A-A32, H/C 7083124

WARRANTY CLAIM INFORMATION

In warranty: The normal warranty applies.

OP#	DESCRIPTION	FRT
123503	Retrieve codes with PGM Tester	0.3
B	Do EVAP function test with PGM Tester	0.2
124100	Inspect and replace EVAP two-way/bypass solenoid valve	0.4

Failed Part: P/N 17380-S5A-A31
H/C 6451397

Defect Code: 032

Contention Code: C99

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.

DIAGNOSIS

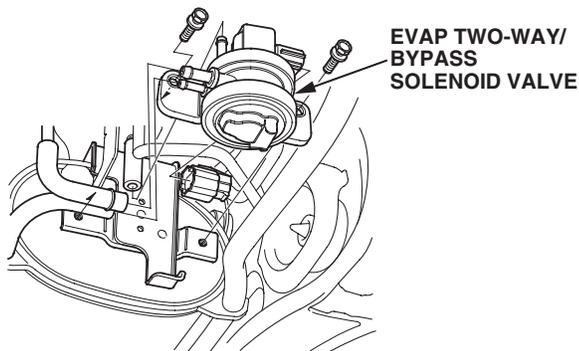
Check the vehicle repair history before starting repair:

- If the EVAP two-way/bypass solenoid valve has been replaced, do Service Bulletin 02-007, *EVAP System Function Testing and Diagnostics With the PGM Tester*, found under Fuel and Emissions, for proper diagnosis and repair.
- If the EVAP two-way/bypass solenoid valve has not been replaced, go to REPAIR PROCEDURE.

REPAIR PROCEDURE

1. Raise the vehicle on a hoist.
2. Visually inspect all of the evaporative emissions components, electrical connections, and hose connections for proper fit or damage.
3. Repair or replace any defective or damaged components.
4. Note the positioning and location of the hoses that connect to the EVAP two-way/bypass solenoid valve.

Civic Shown



5. *Civic only:* Remove the EVAP canister vent filter hose from its mounts.
6. Disconnect the hoses from the EVAP two-way/bypass solenoid valve.
7. Disconnect the 2P connector from the EVAP two-way/bypass solenoid valve.
8. Replace the EVAP two-way/bypass solenoid valve. Torque the two mounting bolts to 9.8 N·m (7.2 lb-ft).
9. Reconnect the 2P connector and the hoses to the EVAP two-way/bypass solenoid valve.
10. *Civic only:* Reinstall the EVAP canister vent filter hose to its mounts.
11. Lower the vehicle, and connect the PGM Tester to the data link connector. Clear the DTC.
12. Use the PGM Tester to do the EVAP function test.
 - If the vehicle passes the EVAP function test, the repair is complete.

- If the PGM Tester indicates a fault in the evaporative emissions system, refer to Service Bulletin 02-007, *EVAP System Function Testing and Diagnostics With the PGM Tester*, found under Fuel and Emissions, for proper diagnosis and repair.