

Applies To: **2012 Civic** – ALL except Si and Natural Gas

August 14, 2012

2012 Civic MIL On with Misfire DTCs P0300, P0302, and P0303

SYMPTOM

The MIL comes on with these DTCs:

- P0300 Random Misfire Detected
- P0302 No. 2 Cylinder Misfire Detected
- P0303 No. 3 Cylinder Misfire Detected

PROBABLE CAUSE

The crankshaft position (CKP) pattern learn is not complete.

CORRECTIVE ACTION

Do the crankshaft position (CKP) pattern learn procedure.

WARRANTY CLAIM INFORMATION

The normal warranty applies.

OP#	Description	FRT
3805B1	Programmed Fuel Injection (PGM-FI) Diagnosis (Fuel & Exhaust).	0.3
C	With Crankshaft Position Pattern Learn, Add.	0.1

Failed Part: P/N 37820-R1Y-L72

Defect Code: 03214

Symptom Code: 03203

Skill Level: Repair Technician

DIAGNOSIS

Navigate to the PGM-FI Data List in the HDS:

- Connect the HDS to the data link connector (DLC) located under the driver's side of the dashboard.
- Turn the ignition switch to ON (II).
- Make sure the HDS communicates with the vehicle PCM. If it doesn't, go to DLC circuit troubleshooting.
- Select PGM-FI in the system selection menu.
- Select Data List.

*Does the **CKP PULSER F/B LEARN** indicate complete?*

Yes – This bulletin doesn't apply, continue with normal troubleshooting.

No – Go to **REPAIR PROCEDURE**.

Full List		
Signal	Value	Units
CKP PULSER F/B LEARN	Not Completed	
MAX ENG SPD	0	RPM
OVER ENG TM	0.0	s
START ECT	194.0	°F
START IAT	136.4	°F
CATALYST TEMP	136.9	°F
MISFIRE	0	
MISFIRED CYL	00000000	
CYL1 TOTAL MISFIRE	0	
CYL2 TOTAL MISFIRE	0	
CYL3 TOTAL MISFIRE	0	
CYL4 TOTAL MISFIRE	0	

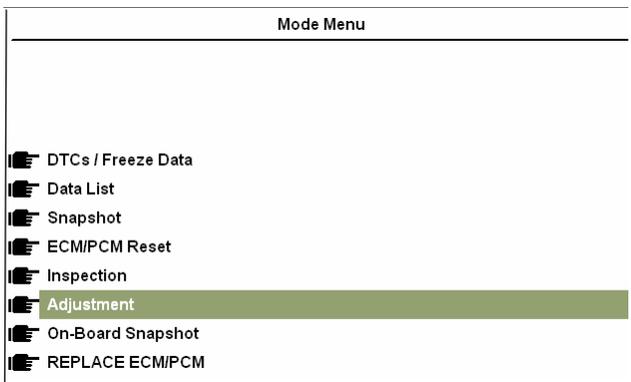
REPAIR PROCEDURE

Do the crankshaft position CKP pattern learn procedure:

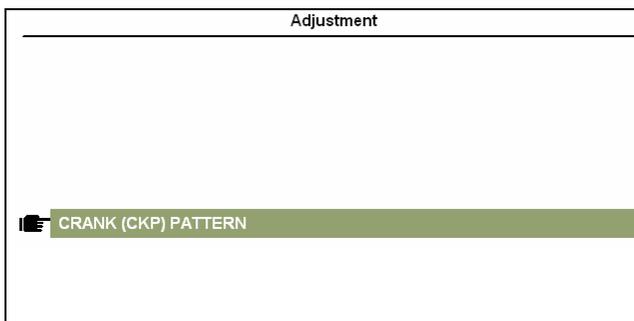
- Navigate to **PGM FI** in the System Selection Menu in the HDS.



- Select **Adjustment**



- Select **CRANK (CKP) PATTERN** in the Adjustment menu.



- Select **CRANK (CKP) PATTERN LEARNING**, and follow the screen prompts.

