

Applies To: **See VEHICLES AFFECTED****July 12, 2011****Steering Feels Heavy; EPS Indicator Comes On With DTC 32-09 or 61-04**
(Supersedes 09-043, dated July 7, 2009, to revise the information marked by the black bars)**REVISION SUMMARY**

Under VEHICLES AFFECTED and PARTS INFORMATION, the 2006–09 Civic Si 2-door and the 2007–09 Civic Si 4-door were added.

SYMPTOM

The steering feels heavier than normal, and the EPS indicator comes on with DTC 32-09 (current sensor [initial diagnosis]) or DTC 61-04 (open/short in the EPS motor harness [steering diagnosis]). These symptoms may be intermittent.

PROBABLE CAUSE

The EPS control unit has malfunctioned.

CORRECTIVE ACTION

Replace the EPS control unit.

VEHICLES AFFECTED

2006–07 Civic Hybrid – ALL

2006–08 Civic Si 2-Door – ALL

2009 Civic Si 2-Door –

From VIN 2HGFG2...9H700001 thru
2HGFG2...9H700852

2007–08 Civic Si 4-Door – ALL

2009 Civic Si 4-Door –

From VIN 2HGFA5...9H700001 thru
2HGFA5...9H701446

2007–08 Fit – ALL

PARTS INFORMATION

EPS Control Unit:

2006 Civic Hybrid –
P/N 39980-SNC-A01

2007 Civic Hybrid –
P/N 39980-SNC-A02

2006 Civic Si 2-door –
P/N 39980-SVB-A01

2007–09 Civic Si 2-door –
P/N 39980-SVB-A02

2007–09 Civic Si 4-door –
P/N 39980-SVJ-A01

2007 Fit Base with A/T –
P/N 39980-SLN-A11

2007 Fit Base with M/T –
P/N 39980-SLN-A01

2007 Fit Sport with A/T –
P/N 39980-SLN-A31

2007 Fit Sport with M/T –
P/N 39980-SLN-A21

2008 Fit Base with M/T –
P/N 39980-SLN-A02

2008 Fit Base with A/T –
P/N 39980-SLN-A12

2008 Fit Sport with A/T –
P/N 39980-SLN-A32

2008 Fit Sport with M/T –
P/N 39980-SLN-A22

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation Number: 513130

Flat Rate Time: 0.5 hour

Failed Part: P/N 39980-SLN-A32

Defect Code: 03214

Symptom Code: 03203

Skill Level: Repair Technician

DIAGNOSIS

Diagnose the cause of the DTC with the appropriate troubleshooting procedure from the appropriate service manual.

Is the cause of the DTC a faulty EPS control unit?

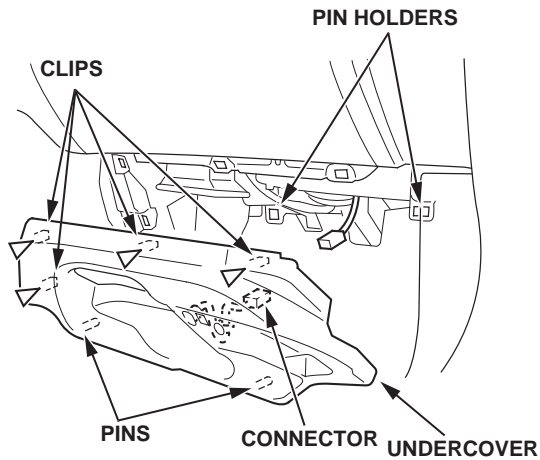
Yes – Go to REPAIR PROCEDURE A – CIVIC or REPAIR PROCEDURE B – FIT.

No – Repair the vehicle as indicated by the troubleshooting procedure.

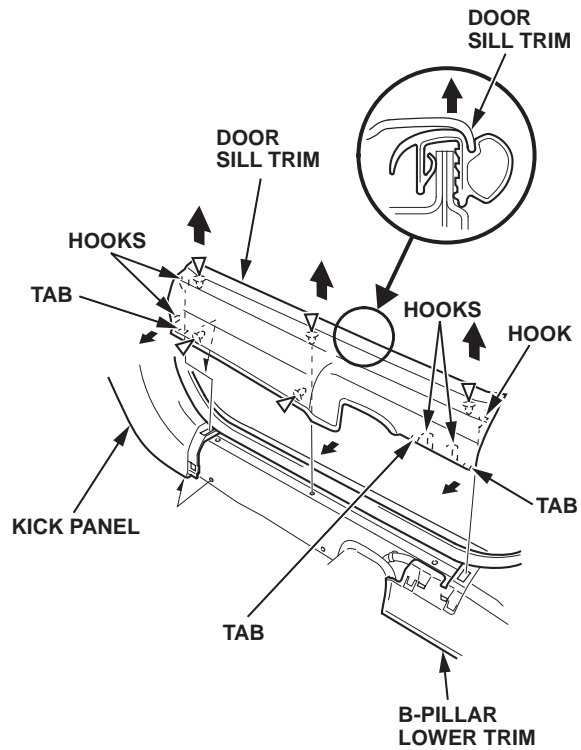
REPAIR PROCEDURE A – CIVIC

NOTE: Make sure you have the anti-theft code for the audio system. Write down the audio presets (AM and FM) and the XM audio presets (if equipped).

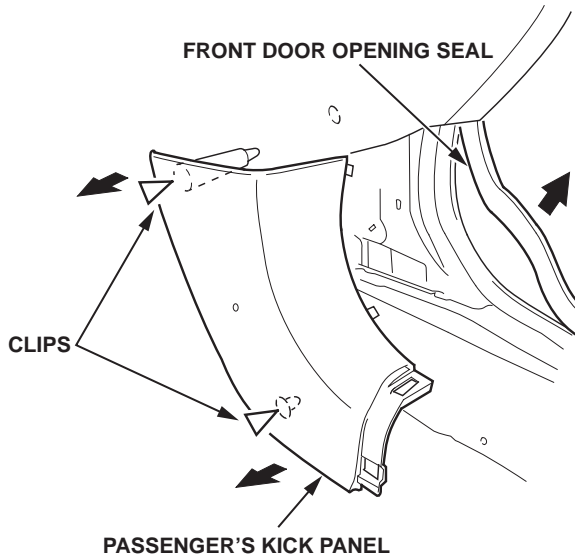
1. Make sure the ignition switch is turned to LOCK (0), then disconnect the negative cable from the 12 V battery.
2. Remove the passenger's dashboard undercover:
 - Gently pull out the rear edge to detach the clips.
 - Pull the undercover away to release the pins from the holders.
 - For some models: Disconnect the footwell light connector.



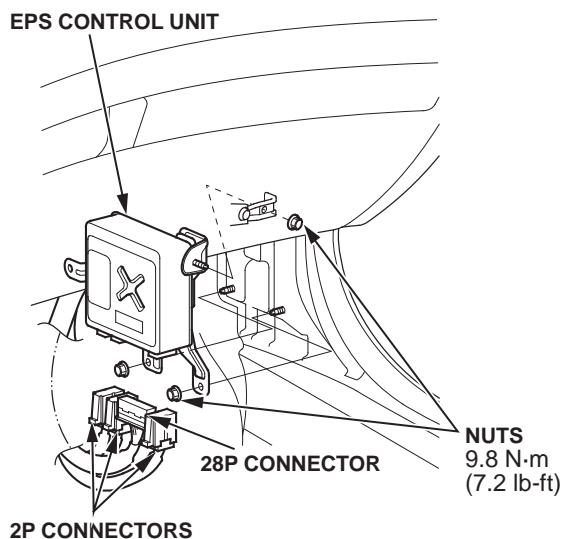
3. Remove the passenger's front door sill trim by detaching the hooks and tabs from the front passenger's side kick panel and the B-pillar lower trim. Then remove the door sill trim by pulling it up to detach its clips.



- Pull the door opening seal away as needed, pull the passenger's kick panel back by hand to detach its clips, then remove the kick panel.



- Disconnect the EPS control unit connectors.



- Remove the three mounting nuts from the EPS control unit, then remove the control unit.
- Install the new EPS control unit, torque the three mounting nuts to **9.8 N·m (7.2 lb-ft)**, and reconnect the connectors.
- Reconnect the negative cable to the 12 V battery.
- Enter the audio system anti-theft code, then enter the customer's radio presets.
- With the ignition switch in LOCK (0), connect the HDS to the vehicle's DLC.
- Turn the ignition switch to ON (II).

- Make sure the HDS communicates with the vehicle and the EPS control unit. If it doesn't, troubleshoot the DLC circuit.
- From the EPS MENU, select **MISCELLANEOUS TEST**, then **TORQUE SENSOR LEARN**, and follow the screen prompts.

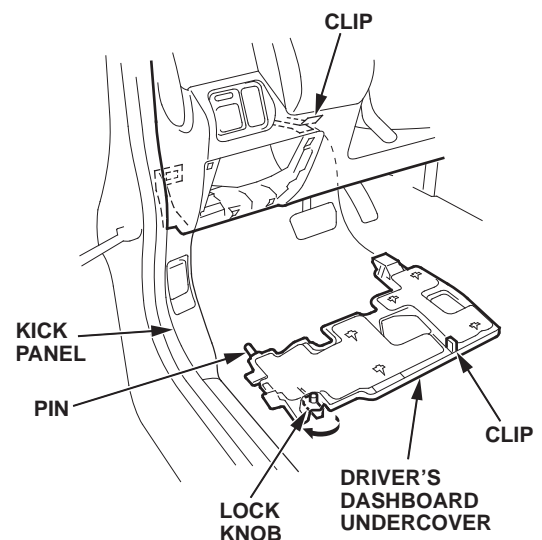
NOTE: The torque sensor is temperature sensitive. When memorizing the torque sensor neutral position, the ambient temperature must be above 68 degrees F (20 degrees C). If the torque sensor learn is not done correctly, the steering effort will not be equal in both directions.

- Turn the ignition switch to LOCK (0).
- Reattach the passenger's kick panel, then reattach the door opening seal.
- Reattach the passenger's door sill trim.
- Reattach the passenger's dashboard undercover.

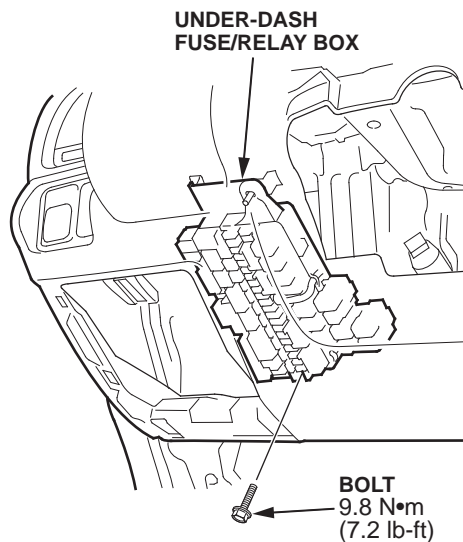
REPAIR PROCEDURE B – FIT

NOTE: Make sure you have the anti-theft code for the audio system. Write down the audio presets (AM and FM) and the XM audio presets (if equipped).

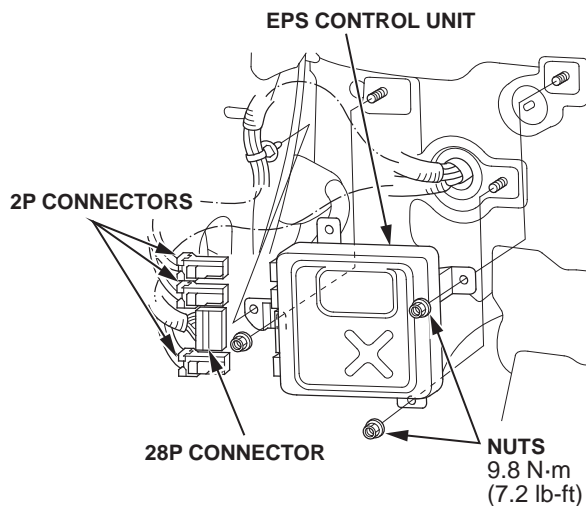
- Make sure the ignition switch is turned to LOCK (0), then disconnect the negative cable from the battery.
- Remove the driver's dashboard undercover:
 - Turn the lock knob.
 - Gently pull down the rear edge to detach the clip.
 - Pull the undercover away to release it from the clip on the body and to release its pin from the kick panel.



3. Remove the under-dash fuse/relay box.



4. Disconnect the EPS control unit connectors.



5. Remove the three mounting nuts from the EPS control unit, then remove the EPS control unit.
6. Install the new EPS control unit, torque the three mounting nuts to **9.8 N•m (7.2 lb-ft)**, and reconnect the connectors.
7. Reconnect the negative cable to the battery.
8. Enter the audio system anti-theft code, then enter the customer's radio presets.
9. With the ignition switch in LOCK (0), connect the HDS to the vehicle's DLC.
10. Turn the ignition switch to ON (II).
11. Make sure the HDS communicates with the vehicle and the EPS control unit. If it doesn't, troubleshoot the DLC circuit.

12. From the EPS MENU, select **MISCELLANEOUS TEST**, then **TORQUE SENSOR LEARN**, and follow the screen prompts.

NOTE: The torque sensor is temperature sensitive. When memorizing the torque sensor neutral position, the ambient temperature must be above 68 degrees F (20 degrees C). If the torque sensor learn is not done correctly, the steering effort will not be equal in both directions.

13. Turn the ignition switch to LOCK (0).
14. Reinstall the under-dash fuse/relay box.
15. Reinstall the driver's dashboard undercover.