



Safety Recall: Fuel Line May Leak

BACKGROUND

During manufacturing, an O-ring that seals a connection in the fuel feed line assembly may have been misaligned; a small fuel leak may occur.

VEHICLES AFFECTED

2012 Civic 2-Door

From VIN 2HGFG3B5.CH500401 thru
2HGFG3B5.CH500696

From VIN 2HGFG3B8.CH500341 thru
2HGFG3B8.CH500792

2012 Civic 4-Door

From VIN 2HGFB2F8.CH302622 thru
2HGFB2F8.CH302951

From VIN 2HGFB2F5.CH302652 thru
2HGFB2F5.CH303161

From VIN 2HGFB2E5.CH508635 thru
2HGFB2E5.CH509234

From VIN 2HGFB2F9.CH508606 thru
2HGFB2F9.CH509380

From VIN 2HGFB2F8.CH508845 thru
2HGFB2F8.CH509710

From VIN 2HGFB2F5.CH508935 thru
2HGFB2F5.CH509682

Not all vehicles within the affected VIN ranges are affected by this campaign. To verify vehicle eligibility, you **must** check for at least one of these items:

- The customer has a notification letter.
- The vehicle is shown as eligible on a VIN status inquiry.

In addition, check for a punch mark above the third character of the engine compartment VIN. A punch mark in that location means this campaign has already been completed.

Some vehicles affected by this campaign may be in your new or used vehicle inventory. As a matter of federal law, these vehicles must be repaired before they are sold.

Should a dealership sell an unrepaired vehicle that subsequently causes an injury or damage because of the recalled item, the dealership will be solely responsible to the damaged party, and will be required to defend and indemnify American Honda for any resulting claims. To see if a vehicle in inventory is affected by this campaign, do a VIN status inquiry before selling it.

CUSTOMER NOTIFICATION

Owners of affected vehicles will receive a notification of this campaign. An example of the customer notification is included at the end of this service bulletin.

CORRECTIVE ACTION

Replace the fuel line.

PARTS INFORMATION

Retainer: P/N 17711-S0X-A31

Fuel line: P/N 16050-TR0-A80 (2-door)

P/N 16050-TR0-A01 (4-door)

WARRANTY CLAIM INFORMATION

Operation Number: 3101Q2

Flat Rate Time: 2.5 hours (includes alignment)

Failed Part: P/N 16050-TR0-A01

Defect Code: 5PE00

Symptom Code: R7900

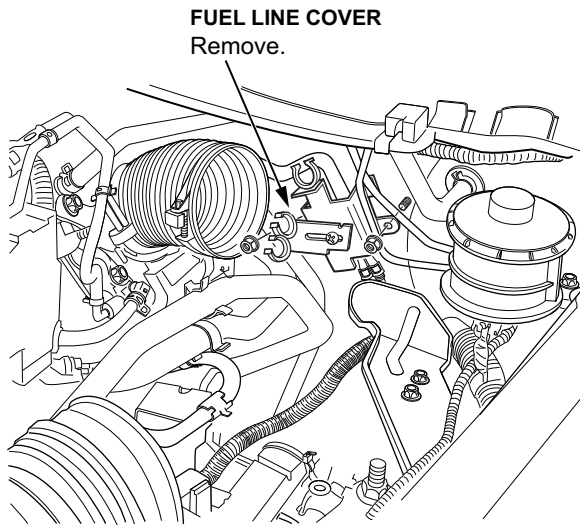
Skill Level: Repair Technician

REPAIR PROCEDURE

NOTE: This procedure is in an outline form that you can also use as a checklist for the repair. If you need more details on the procedures listed below, view them online:

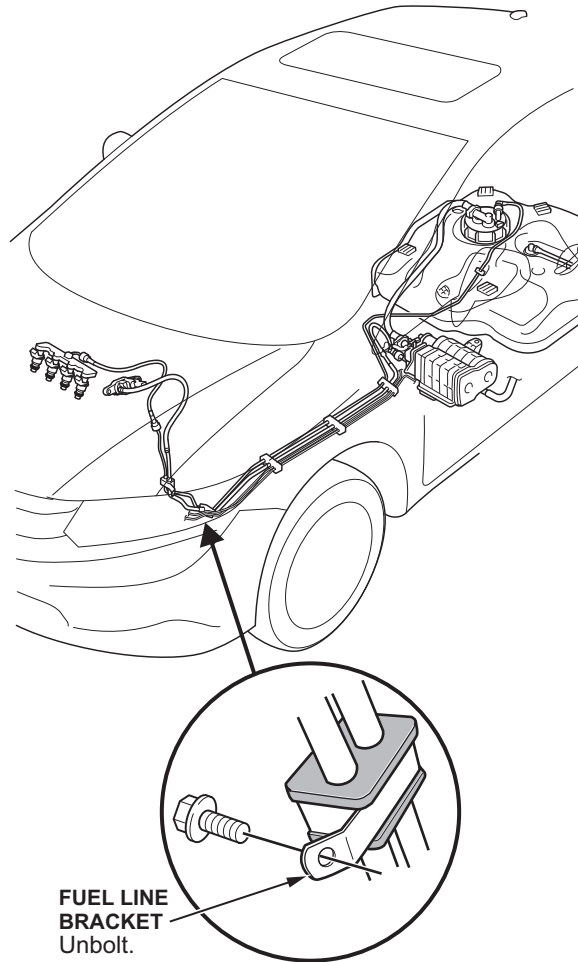
- Air Cleaner Housing Removal and Installation
- Fuel Pressure Relieving
- Rear Seat-Back Removal and Installation
- Rear Seat Cushion Removal and Installation
- Fuel Line/Quick-Connect Fitting Precautions
- Steering Column Removal and Installation
- Engine Undercover Removal and Installation
- Fuel Tank Undercover Removal and Installation
- Left Undercover Removal and Installation
- Rear Undercover Removal and Installation
- Parking Brake Cable Removal and Installation
- Subframe Removal and Installation
- Fuel Tank Removal and Installation
- Fuel Line Inspection
- Wheel Alignment

1. Position the vehicle on a lift, but do not raise it.
2. Relieve the fuel pressure.
3. Remove the air cleaner assembly.
4. Disconnect the EVAP canister vent line.
5. Remove the fuel line cover on the bulkhead by disconnecting the two heater hoses and the fuel pressure line from the clamps, then remove the two nuts.

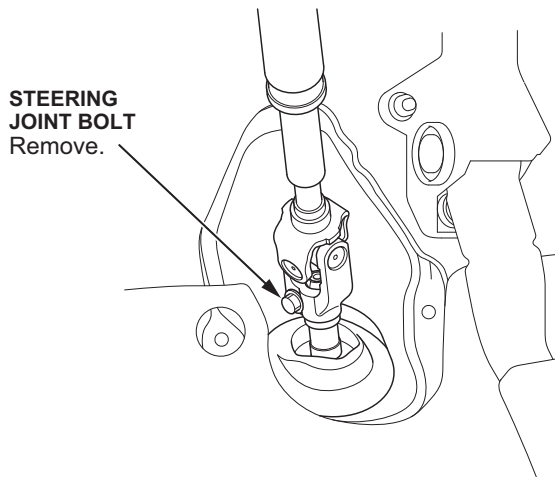


6. Disconnect the fuel line. Place a shop towel over the opening in case there is any fuel left in the line.

7. Remove the fuel line bracket, then slide the bracket off of the fuel and EVAP lines.

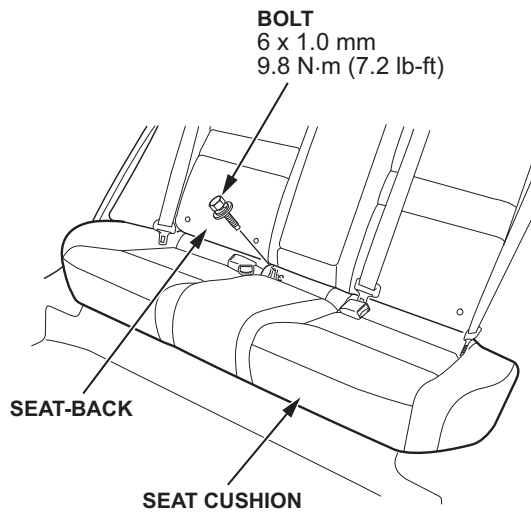


8. Remove the steering joint bolt:
 - Remove the steering joint cover.
 - Set the steering column to the middle tilt position, and to the middle telescopic position.
 - Remove the steering joint bolt. You do not need to disconnect the steering column shaft.

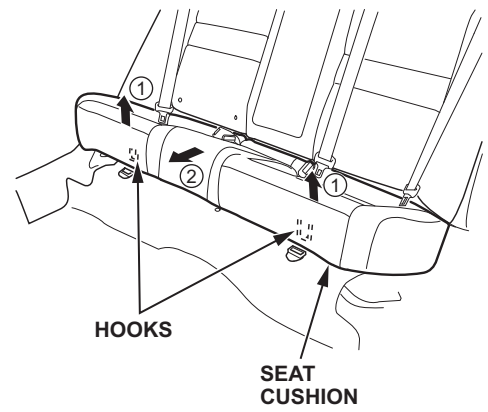


9. Remove both of the rear seat-backs.

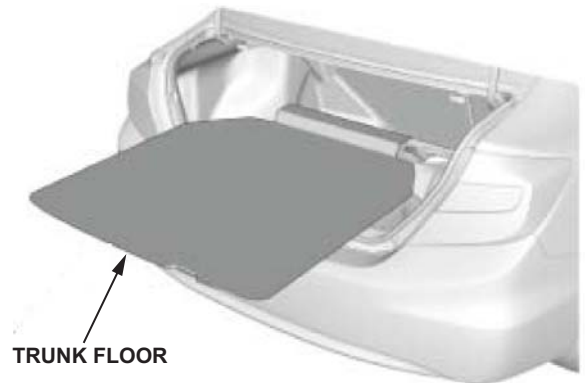
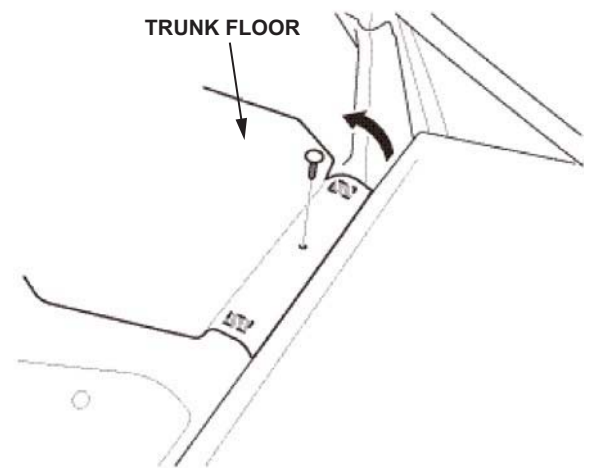
10. Remove the rear seat cushion:
 - Remove the bolt.



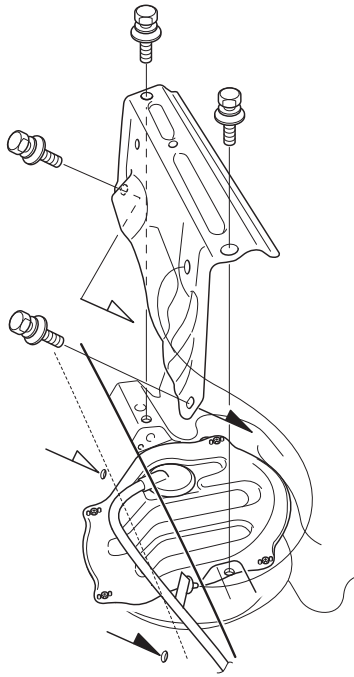
- Then pull up to release the rear seat hooks, and remove the rear seat cushion.



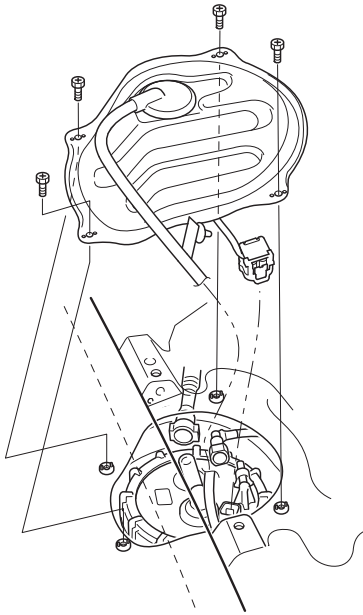
11. Remove the clip, then remove the trunk floor.



12. Remove the rear floor upper crossmember.



13. Remove the fuel gauge sending unit access panel.



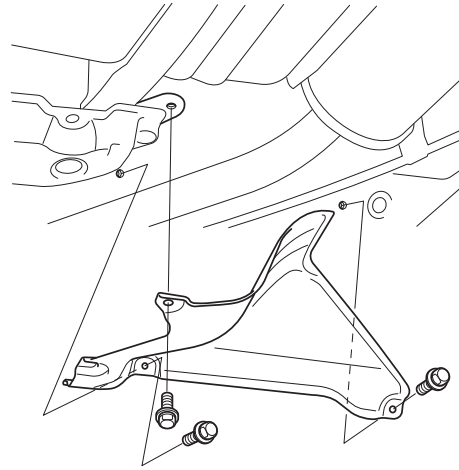
14. Disconnect the fuel gauge sending unit connector.

15. Disconnect the fuel line from the fuel tank sending unit.

16. Raise the vehicle.

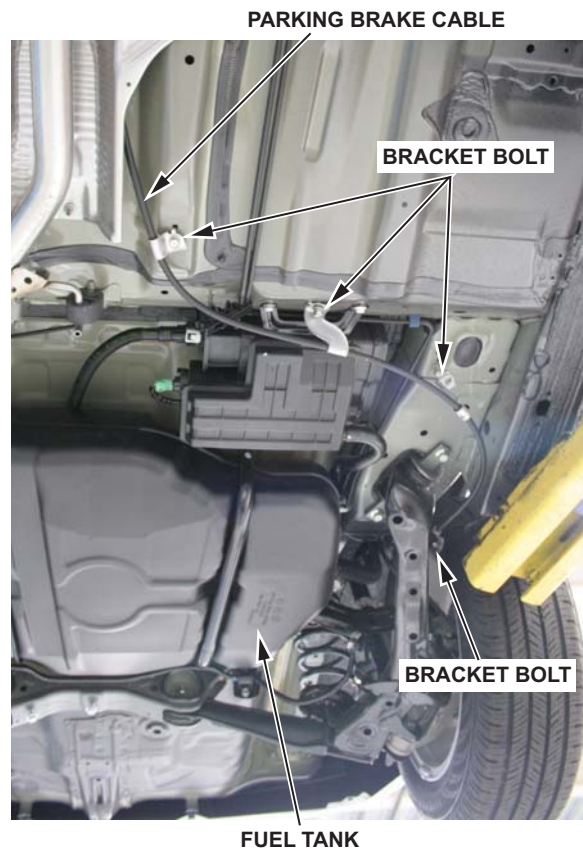
17. Remove the engine undercover and the left floor undercover.

18. Remove the heat shield.

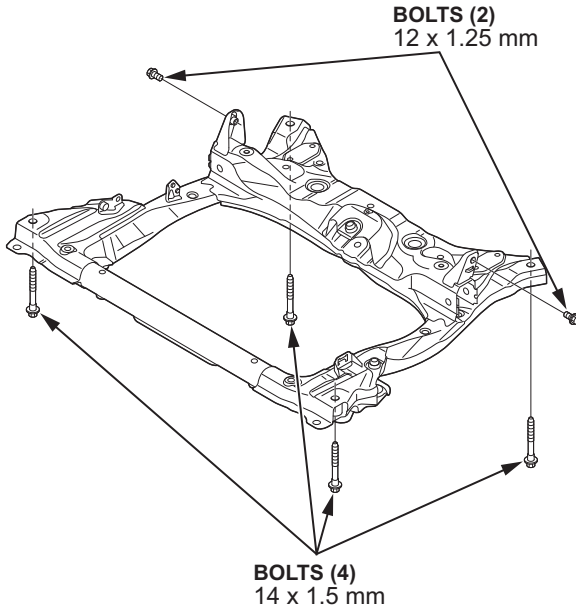


19. Disconnect the EVAP canister line.

20. Loosen the parking brake cable on the left side by removing the four parking brake cable bracket bolts.

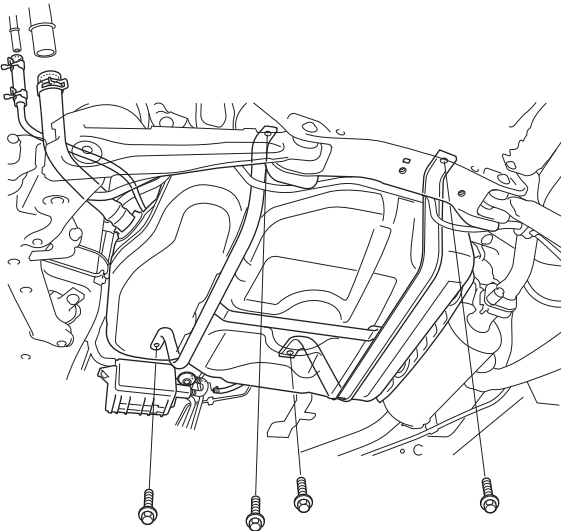


21. Loosen, but do not remove, the six front subframe bolts so that you can lower the subframe about an inch.



22. Lower, but do not remove the fuel tank:

- Remove the rear floor under bar.
- Place a jack or other support under the fuel tank.
- Remove the four bolts from fuel tank straps.

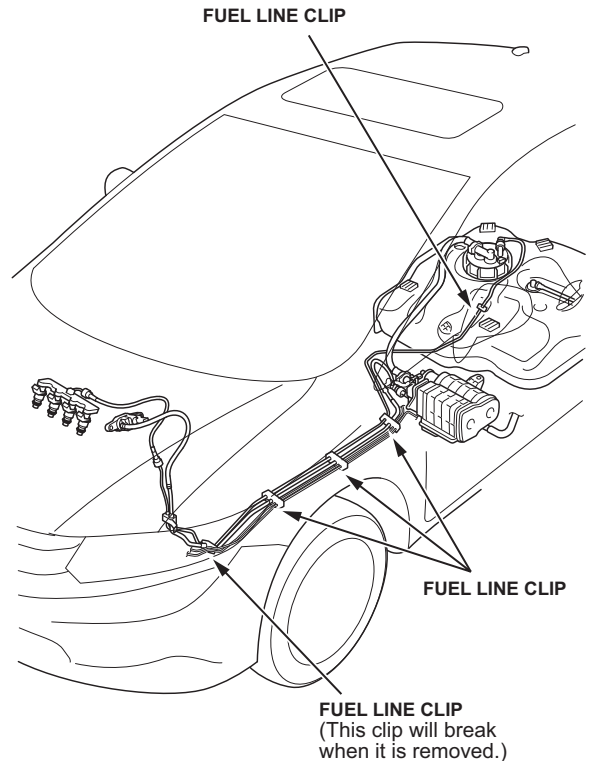


- Lower the fuel tank 6 to 8 inches.

23. Tie the fuel lines together at the fuel tank side with a wire tie to keep them together when they are removed.

24. Remove the five fuel line clips from the vehicle.

NOTE: One is located by the rear floor opening, three are clipped onto studs on the bottom of the vehicle, and the fifth one closest to the engine is clipped to the body and it will break when you remove the fuel lines.



25. Remove the fuel and EVAP lines at the fuel tank first, then maneuver the fuel and EVAP lines out of the engine compartment.

26. Install the new fuel and EVAP lines starting at the engine compartment.

NOTE: Make sure you place the fuel line between the brake lines and the bulkhead.

27. Install the four fuel line clips. Place the first clip closest to the engine in its hole, then install the remaining three clips.

28. Position the fuel line on the fuel tank when you install the fuel line in the clip by the fuel tank.

NOTE: To avoid damaging the fuel line, make sure it is positioned properly within the rear floor opening.

29. Reconnect the EVAP canister line on the charcoal canister.

30. Reinstall the fuel tank. Torque the four fuel tank strap bolts and the three rear floor under bar bolts to **38 N·m (28 lb-ft)**.

31. Reinstall the heat shield. Torque the bolts to **10 N·m (7.2 lb-ft)**.

32. Reinstall the parking brake cable. Torque the bolts to **22 N·m (16 lb-ft)**.

Example of Customer Letter

May 2011

Important Safety Recall Notice

Dear Civic Owner:

This notice is sent to you in accordance with the requirements of the National Traffic and Motor Vehicle Safety Act.

What is the reason for this notice?

Honda has decided that a defect which relates to motor vehicle safety and emissions regulations exists in certain 2012 model year Civic vehicles. There is a possibility that an O-ring, which seals a connection in the fuel feed line, is misaligned. If the O-ring is misaligned, a small fuel leak may occur.

Safety Consequence

In the presence of an ignition source, a fuel leak increases the risk of a fire.

Emission Consequence

Fuel evaporating into the atmosphere will result in the vehicle no longer meeting emissions regulations. Your vehicle may fail a state or local emissions inspection if you do not have this recall repair done.

What should you do?

Call any authorized Honda dealer and make an appointment to have your vehicle repaired. The dealer will replace the fuel feed line assembly. This work will be done free of charge. Please plan to leave your vehicle for half a day to allow the dealer flexibility in scheduling.

California Owners Only

The DMV will not renew your registration until this emissions recall has been completed. After completing the repair procedure, your dealer will give you a Vehicle Emission Recall - Proof of Correction certificate. Please make sure the dealer completes and gives you the certificate. Keep the certificate for your records as proof that the emissions recall was completed. Submit the certificate to the DMV only if the DMV requests it.

Emission Warranty

In order to ensure your full protection under the emission warranty provisions, it is recommended that you have your vehicle repaired as soon as possible. Failure to do so could be determined as lack of proper maintenance.

- 33. Reinstall the front subframe by tightening the following bolts:
 - Tighten the four 14 x 1.5 mm (lower) bolts to **104 N·m (77 lb-ft)**.
 - Tighten the two 12 x 1.25 mm (side) bolts to **64 N·m (47 lb-ft)**.
- 34. Reinstall the undercovers. Torque the bolts to **9 N·m (7 lb-ft)**.
- 35. Lower the vehicle.
- 36. Connect the fuel line to the fuel tank sending unit. Make sure you use a new retainer.
- 37. Reconnect the fuel tank sending unit connector.
- 38. In the engine compartment, slide the fuel line bracket onto the fuel line, then reinstall it.
- 39. Reconnect the fuel line and the EVAP canister line. Make sure you use a new retainer.
- 40. Reinstall the fuel line cover.
- 41. Reinstall the air cleaner assembly.
- 42. Reconnect the battery.
- 43. Turn the ignition switch to ON (II).
- 44. Check for any fuel leaks.
- 45. Reinstall the fuel gauge sending unit access panel.
- 46. Reinstall the rear upper crossmember. Torque the bolts to **22 N·m (16 lb-ft)**.
- 47. Reinstall the trunk floor.
- 48. Reinstall the rear seat cushion. Torque the bolt to **9 N·m (7 lb-ft)**.
- 49. Reinstall the rear seat-backs. Torque the bolts to **22 N·m (16 lb-ft)**.
- 50. Reinstall the steering joint bolt and the steering joint cover. Torque the bolt to **29 N·m (21 lb-ft)**.
- 51. Do a front wheel alignment.
- 52. Center-punch a completion mark above the third character of the engine compartment VIN.

Center-punch here.



- 53. **For California residents:** Fill out and give to your customer a *Vehicle Emission Recall - Proof of Correction* certificate. Advise them to keep this certificate as proof that the emissions recall was completed. Your customer may need to submit this certificate to the DMV if the DMV requests it for registration. If you need more these salmon-colored forms, use reorder number Y0657.

Who to contact if you experience problems

If you are not satisfied with the service you receive from your Honda dealer, you may write to:

American Honda Motor Co., Inc.
Honda Automobile Customer Service
Mail Stop 500-2N-7A
1919 Torrance Blvd.
Torrance, CA 90501-2746

If you believe that American Honda or the dealer has failed or is unable to remedy the defect in your vehicle, without charge, within a reasonable period of time (60 days from the date you first contact the dealer for a repair appointment), you may submit a complaint to:

Administrator
National Highway Traffic Safety Administration
1200 New Jersey Ave., SE
Washington, DC 20590

Or call the toll-free Safety Hotline at 888-327-4236 (TTY 800-424-9153), or go to <http://www.safercar.gov>.

What to do if you feel this notice is in error.

Our records show that you are the current owner or lessee of a 2012 Civic involved in this campaign. If this is not the case, or the name/address information is not correct, complete, sign, and return the enclosed, postage-paid Information Change Card. We will then update our records.

Lessor Information

Federal law requires that any vehicle lessor receiving this recall notice must forward a copy of this notice to the lessee within 10 days.

If you have questions

If you have any questions about this notice, or need assistance with locating a Honda dealer, please call Honda Automobile Customer Service at 800-999-1009, and select option 4.

We apologize for any inconvenience this campaign may cause you.

Sincerely,

American Honda Motor Co., Inc.
Honda Automobile Division

May 20, 2011

Dear Service Manager:

Honda has announced a safety and emissions recall campaign for certain 2012 Civics. During manufacturing, an O-ring that seals a connection in the fuel feed line may have been misaligned; a small fuel leak may occur.

Repair Strategy

Replace the fuel line. For repair, parts, and warranty information, refer to Service Bulletin 11-027, *Safety Recall: Fuel Line May Leak*.

Some vehicles affected by this campaign may be in your new or used vehicle inventory. As a matter of federal law, these vehicles must be repaired before they are sold. Should a dealership sell an unrepaired vehicle that subsequently causes an injury or damage because of the recalled item, the dealership will be solely responsible to the damaged party, and will be required to defend and indemnify American Honda for any resulting claims.

To see if a vehicle is affected by this campaign, make sure the customer has a notification letter, or do an iN VIN status inquiry. In addition, check for a punch mark above the third character of the engine compartment VIN. A punch mark in that location means the vehicle has already been repaired.

For California Dealerships

The DMV will not renew the customer's registration until this recall has been completed. After completing the procedure, make sure you give the customer a *Vehicle Emission Recall – Proof of Correction* certificate.

Customer Notification

Owners of affected vehicles will receive a notification of this campaign in late May.

Parts Information

An allocation of Fuel Lines were shipped to dealers beginning May 19, 2011. The allocation quantity is based on affected new vehicles in your inventory. You may receive additional unrepaired units. Parts allocations for these units will be made as parts stock is available.

Sincerely,

**American Honda Motor Co., Inc.
Honda Automobile Division**