



Safety Recall: 2004–08 TSX Power Steering Feed Hose Leak

BACKGROUND

Prolonged high under-hood temperatures may cause the power steering hose to deteriorate prematurely and may cause the hose to crack and leak power steering fluid. Power steering fluid leaking onto a hot exhaust pipe will generate smoke and could lead to an under-hood fire.

CLIENT NOTIFICATION

All owners of potentially affected vehicles will be sent a notification of this campaign. An example of the client notification is at the end of this service bulletin.

To verify vehicle eligibility, check at least one of these items:

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

In addition, check for a punch mark above the seventh 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 used vehicle inventory. **According to federal law, these vehicles cannot be sold until they are repaired.** To see if a vehicle is affected by this campaign, do a VIN status inquiry before selling it.

Some of the vehicles affected by this campaign may be in your new vehicle inventory. **These vehicles must be inspected, and repaired if needed, before they are sold or leased.** To see if a vehicle is affected by this campaign, do a VIN status inquiry before selling it, leasing it, or returning it to a service client.

Should an unrepaired vehicle that was in inventory, or that came in for service after this service bulletin was issued, cause an injury or property damage because of the campaigned 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.

CORRECTIVE ACTION

Install a power steering feed hose kit.

PARTS INFORMATION

Power Steering Feed Hose Kit:

P/N 06530-SEC-A00

(Contains power steering feed hose [with power steering pump-side O-ring attached] and power steering pressure switch O-ring.)

REQUIRED MATERIALS

Acura Precision Crafted Power Steering Fluid:

P/N 08206-9002A

(Each vehicle requires two 12 oz. bottles.)

WARRANTY CLAIM INFORMATION

Operation Number: 5121G2

Flat Rate Time: 0.6 hour

Failed Part: P/N 53713-SDC-A02

Defect Code: 5HH00

Symptom Code: R3500

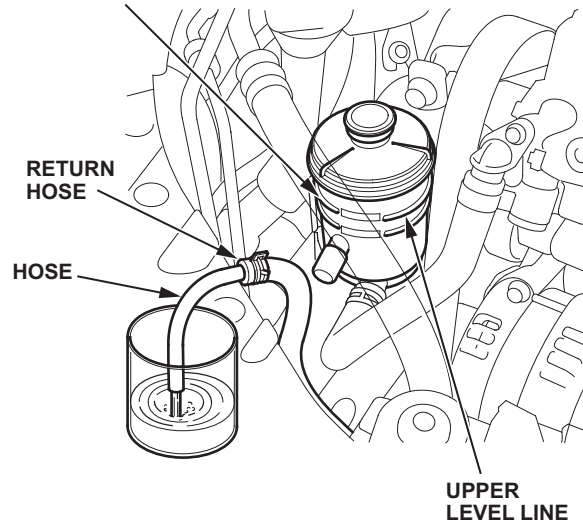
Skill Level: Repair Technician

REPAIR PROCEDURE

NOTE: Take care not to spill power steering fluid on the body and other parts. Wipe off any spilled fluid at once.

1. Raise the power steering reservoir, then disconnect the return hose, and drain the reservoir. Plug the return hose nipple with a suitable cap.

POWER STEERING RESERVOIR

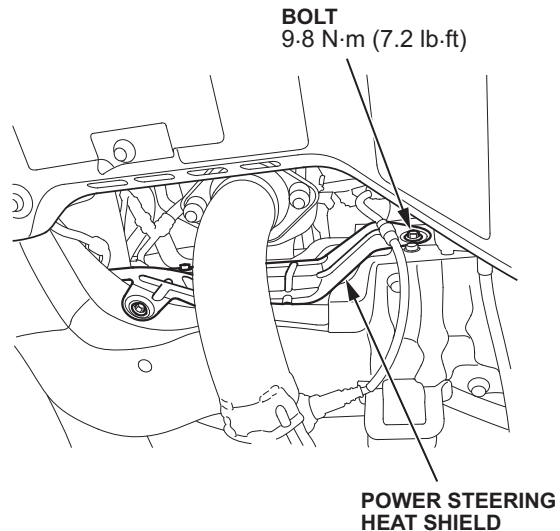


2. Connect a hose of suitable diameter to the disconnected return hose, and put the hose end in a suitable container.
3. Start the engine, let it run at idle, and turn the steering wheel from lock-to-lock several times. When fluid stops running out of the hose, shut off the engine. Discard the fluid.

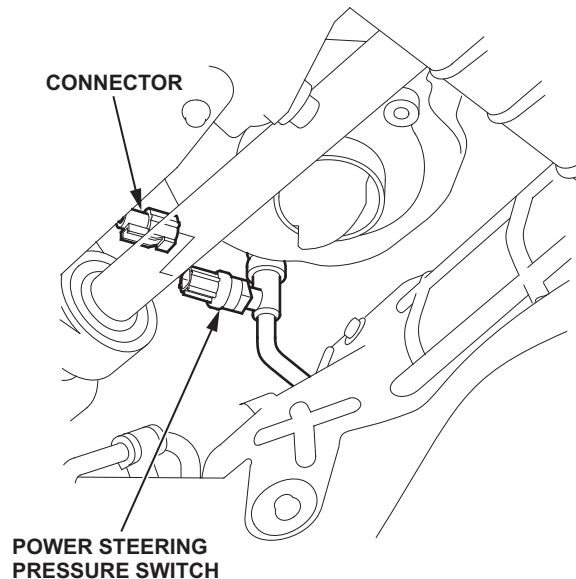
NOTE: Inspect the reservoir screen for any debris. If the reservoir screen is clogged, replace the reservoir.

4. Remove the cap from the return hose nipple on the reservoir, then reinstall the return hose on the reservoir.
5. Raise the vehicle on a lift, and make sure it is securely supported.

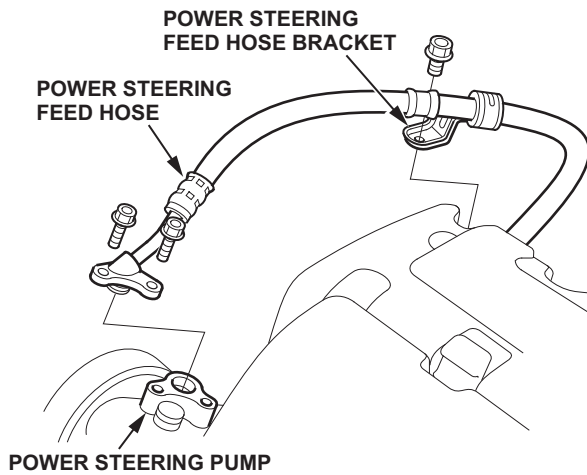
6. Remove the power steering heat shield, then lower the vehicle to the ground.



7. Disconnect the power steering pressure switch connector.



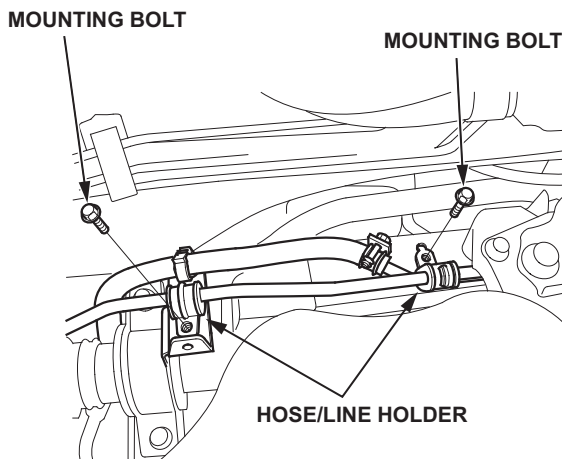
8. Remove the power steering feed hose bracket from the cylinder head.



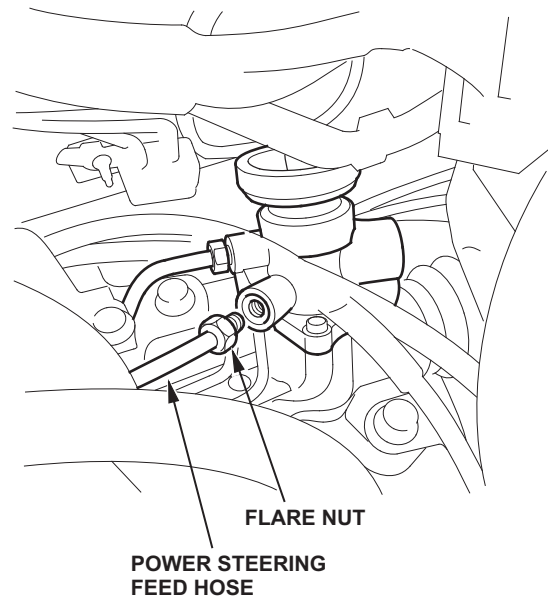
9. Remove the two bolts from the end of the P/S feed hose, then remove the hose from the power steering pump.

NOTE: To prevent fluid from dripping, wrap a towel around the exposed end of the hose.

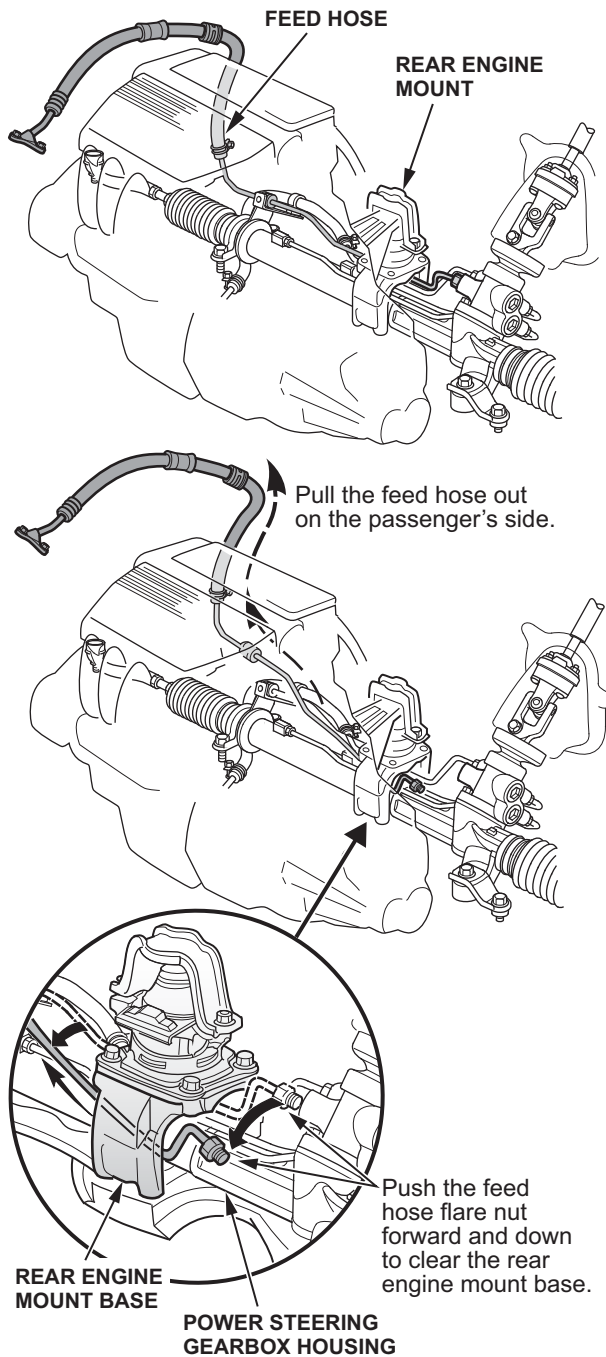
10. Remove the feed hose/line holder mounting bolts and the feed hose/line holders.



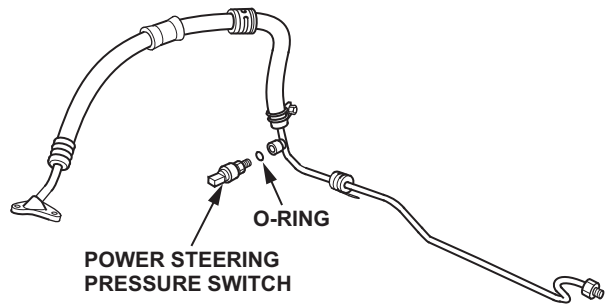
11. Disconnect the power steering feed hose from the gearbox by loosening its flare nut.



12. Within the rear engine mount base, position the feed hose toward the front of the vehicle. Pull the feed hose toward the right side of the engine compartment, then route the hose through and out of the rear engine mount base.



13. Remove the power steering pressure switch from the original feed hose, then install it on the new feed hose with a new O-ring. Torque the switch to **12 N·m (8.8 lb-ft)**.



14. Install the new power steering feed hose in the reverse order of removal.

NOTE: Before you install the feed hose, cover the rack end with tape. This helps to prevent dirt or debris from entering the hose during installation.

- Torque the gearbox flare nut on the new feed hose to **42 N·m (31 lb-ft)**.
 - Torque the power steering pump feed hose bolts to **11 N·m (8.1 lb-ft)**.
 - Torque the feed hose/line holder mounting bolts and the power steering heat shield bolt to **9.8 N·m (7.2 lb-ft)**.
 - Torque the feed hose bracket bolt to **12 N·m (8.8 lb-ft)**.
15. Refill the power steering reservoir to the upper level line with Acura Precision Crafted Power Steering Fluid.
16. Start the engine, run it at a fast idle, and turn the steering wheel lock-to-lock several times. This will bleed any air from the power steering system.
17. Recheck the fluid level, and add more if needed. Do not fill the reservoir above the upper level line.
- NOTE:
- Make sure you remove all shop towels used during the procedure.
 - Wipe off any spilled power steering fluid.
18. Center-punch a completion mark above the seventh character of the engine compartment VIN.

Center-punch here.

JH4CL9XXXXXXXXXX

Example of Client Letter

May 2010

Safety Recall: Power Steering Fluid Leak

Dear TSX 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?

Acura has decided that a defect which relates to motor vehicle safety exists in certain 2004–2008 model year TSX vehicles. Prolonged high under-hood temperatures may cause the power steering hose to deteriorate prematurely and may cause the hose to crack and leak power steering oil. Oil leaking onto a hot exhaust pipe will generate smoke and possibly lead to an under-hood fire.

What should you do?

Call any authorized Acura dealer and make an appointment to have your vehicle repaired. The dealer will inspect and replace the power steering hose, free of charge. Please plan to leave your vehicle for half a day to allow the dealer flexibility in scheduling.

Who to contact if you experience problems.

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

American Honda Motor Co., Inc.
Acura Client Services
Mail Stop 500-2N-7E
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 Avenue, S.E.
Washington, DC 20590

You can also 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 2004–2008 TSX potentially affected by this campaign. If this is not the case, or the name/address information is not correct, please fill out 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 an Acura dealer, please call Acura Client Services at 800-382-2238, and select option 4.

We apologize for any inconvenience this campaign may cause you.

Sincerely,

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

May 11, 2010

Dear Service Manager:

Acura is announcing a safety recall campaign for all 2004–08 TSXs. On affected vehicles, prolonged high under-hood temperatures may cause the power steering feed hose to deteriorate prematurely and may cause the hose to crack and leak power steering fluid. Power steering fluid leaking onto a hot exhaust pipe will generate smoke and could lead to an under-hood fire.

Repair Strategy

The repair is to install a power steering feed hose kit. For repair and warranty information, refer to Service Bulletin 10-010, *Safety Recall: 2004–08 TSX Power Steering Feed Hose Leak*.

Some vehicles affected by this recall may be in your 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, do a VIN status inquiry. In addition, check for a punch mark above the seventh character of the engine compartment VIN. A punch mark in that location means the power steering feed hose kit was already installed.

Client Notification

Affected vehicle owners will begin receiving notifications of this campaign in late May 2010. To coincide with parts availability, notifications will continue through July 2010. An example of the client notification is at the end of S/B 10-010.

Parts Information

To repair your in-stock Certified Pre-Owned vehicles, a small allocation of power steering feed hose kits was shipped to you on May 1, 2010. Allocations will continue, based on the number of affected vehicles sold by your dealership. We will let you know, by iN message, when the kits are available for ordering.

Sincerely,

American Honda Motor Co., Inc.
Acura Automobile Division