

Product Update: Moisture in Headlight

BACKGROUND

The hood contacts the headlight lens and, over time, may create a small gap for water to enter and corrode headlight components.

CLIENT NOTIFICATION

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

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

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

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

Some vehicles affected by this product update may be in used dealer inventory. These vehicles **must** be updated before they are sold or leased.

CORRECTIVE ACTION

Add two clips to the headlight units, and adjust the hood. **In rare cases**, if water is present, you may need to replace the headlight unit and one or more of these parts:

- HID (high intensity discharge) unit
- Headlight bulb
- HID igniter (bulb socket) and wire harness
- Low beam headlight fuse

PARTS INFORMATION

Headlight Lens Clips (enough to repair one vehicle):
P/N 06336-SEA-305

WARRANTY CLAIM INFORMATION

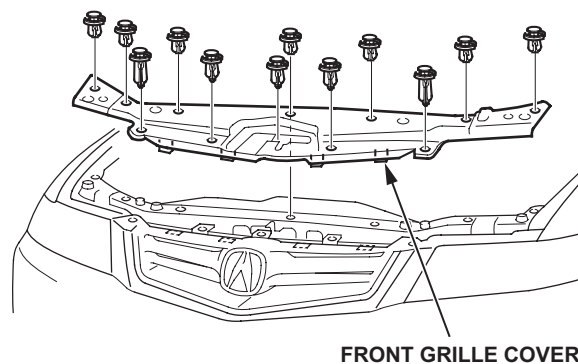
In warranty: The normal warranty applies.

OP#	Description	FRT
7120A2	Diagnose, install metal clips, and adjust the hood (both sides).	0.4
713103	Replace and aim the headlight (driver's side).	1.0
712103	Replace and aim the headlight (passenger's side).	1.0
712102	Replace and aim both headlights (both sides).	1.3

Failed Part: P/N 33101-SEC-A11
 Defect Code: 5HL00
 Symptom Code: Q3600
 Skill Level: Repair Technician

DIAGNOSIS

1. Turn on the headlights and see if they work.
 - If the headlights work, go to step 2.
 - If the headlights do not work, go to REPAIR PROCEDURE B: UPDATE HEADLIGHTS. Then troubleshoot the headlights using normal troubleshooting procedures. If needed, file a separate warranty claim.
2. Remove the front grille cover (12 clips).

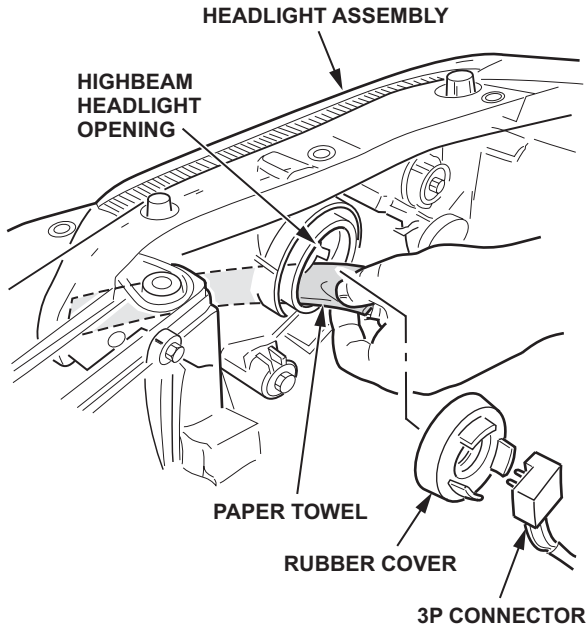


3. Inspect the headlight assemblies for obvious signs of water in the headlight unit.
 - If you see water, go to REPAIR PROCEDURE A: REPLACE HEADLIGHT UNIT.
 - If you don't see any water, go to step 4.



CLIENT INFORMATION: The information in this bulletin is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely maintain your vehicle. These procedures should not be attempted by “do-it-yourselfers,” and you should not assume this bulletin applies to your vehicle, or that your vehicle has the condition described. To determine whether this information applies, contact an authorized Acura automobile dealer.

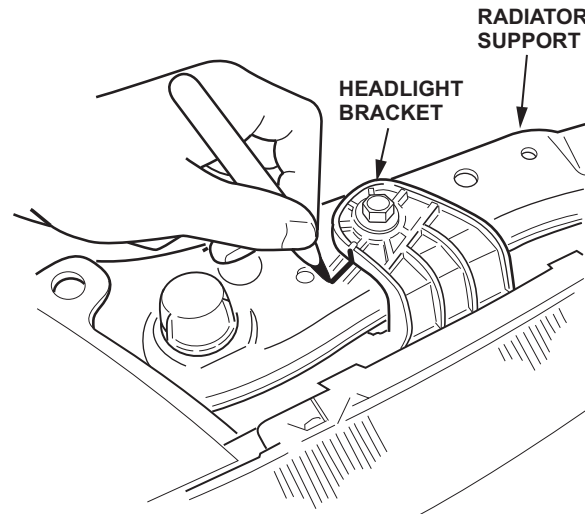
4. Inspect the headlight assembly for hidden water:
 - Disconnect the 3P connector from the high beam headlight.
 - Remove the rubber cover.
 - Fold a paper towel several times so that it is about eight inches long and one inch wide.
 - Slide the folded paper towel under the high beam reflector to the bottom of the headlight assembly.



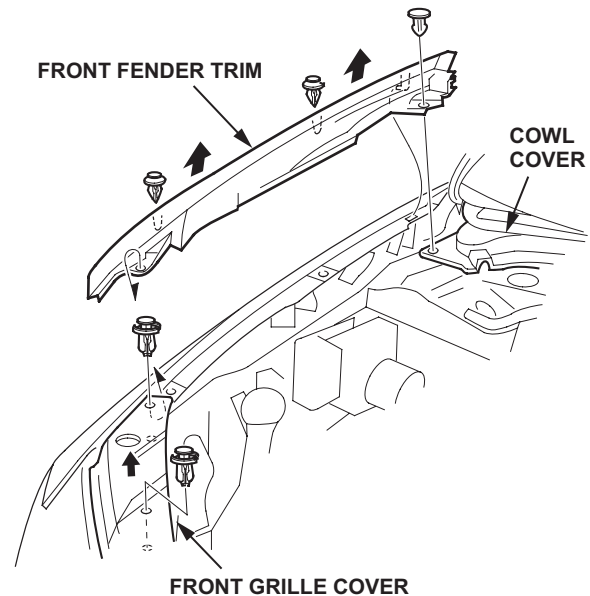
- Inspect the paper towel to see if it is wet:
 - If the paper towel is wet, go to REPAIR PROCEDURE A: REPLACE HEADLIGHT UNIT.
 - If the paper towel is not wet, go to REPAIR PROCEDURE B: UPDATE HEADLIGHTS.

REPAIR PROCEDURE A: REPLACE HEADLIGHT UNIT

1. Using a marker, mark the location of the headlight at the index on the radiator support.



2. Remove the fender trim.



3. Remove the front bumper:

- Refer to page 20-127 of the *2004–07 TSX Service Manual*, or
- Online, enter keyword **BUMPER** and select **Front Bumper Removal/Installation** from the list.

4. Replace the headlight unit:
 - Refer to page 22-175 of the service manual, or
 - Online, enter keyword **HEADLIGHT** and select **Headlight Replacement** from the list.

NOTE: There is a package of desiccant included with each headlight unit. Make sure the desiccant is attached inside the low beam headlight. If it isn't attached, peel the label and attach the desiccant inside the low beam headlight.

5. Replace any of the following components if they are damaged or corroded:

HID unit:

- Refer to page 22-172 of the service manual, or
- Online, enter keyword **HEADLIGHT** and select **HID (High Intensity Discharge) Unit Replacement** from the list.

Igniter and harness:

- Remove the HID unit.
- Replace the igniter (bulb socket) and the harness.

Headlight bulb:

- Refer to page 22-173 of the service manual, or
- Online, enter keyword **HEADLIGHT** and select **HID (High Intensity Discharge) Bulb Replacement** from the list.

Low beam fuses:

- Replace fuse No. 1 (15 A) in the under-hood fuse/relay box.
- Replace fuse No. 6 (15 A) in the under-hood fuse/relay box.

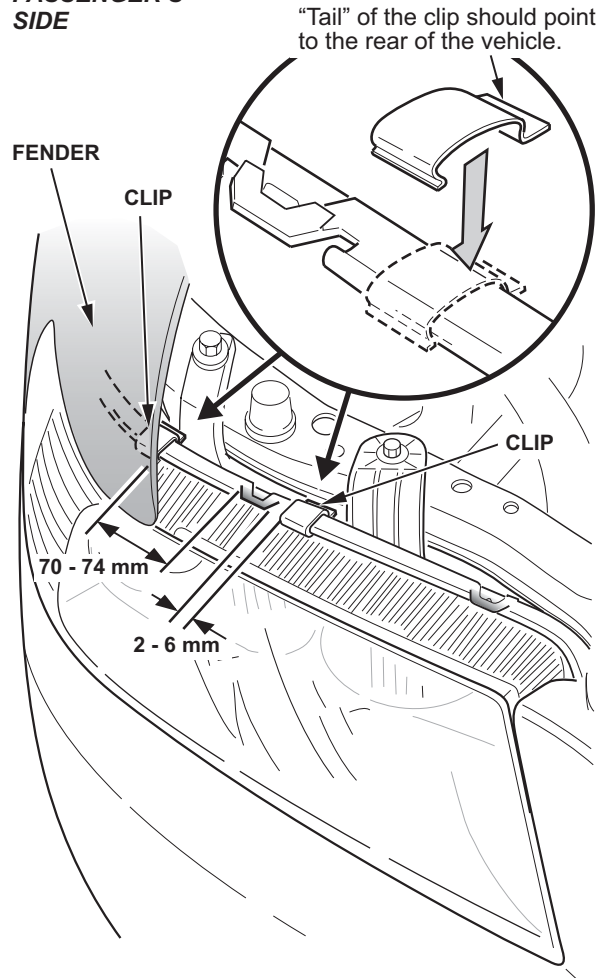
6. Make sure the headlights work, and that they are properly aligned:
 - Refer to page 22-174 of the service manual, or
 - Online, enter keyword **HEADLIGHT** and select **Headlight Adjustment** from the list.
7. Reinstall the remaining parts in the reverse order of removal except the fender trim, then go to step 2 of REPAIR PROCEDURE B: UPDATE HEADLIGHTS.

REPAIR PROCEDURE B: UPDATE HEADLIGHTS

1. Remove the fender trim (see step 2 of REPAIR PROCEDURE A: REPLACE HEADLIGHT UNIT).
2. Attach two metal clips (four total) to each headlight unit as shown:

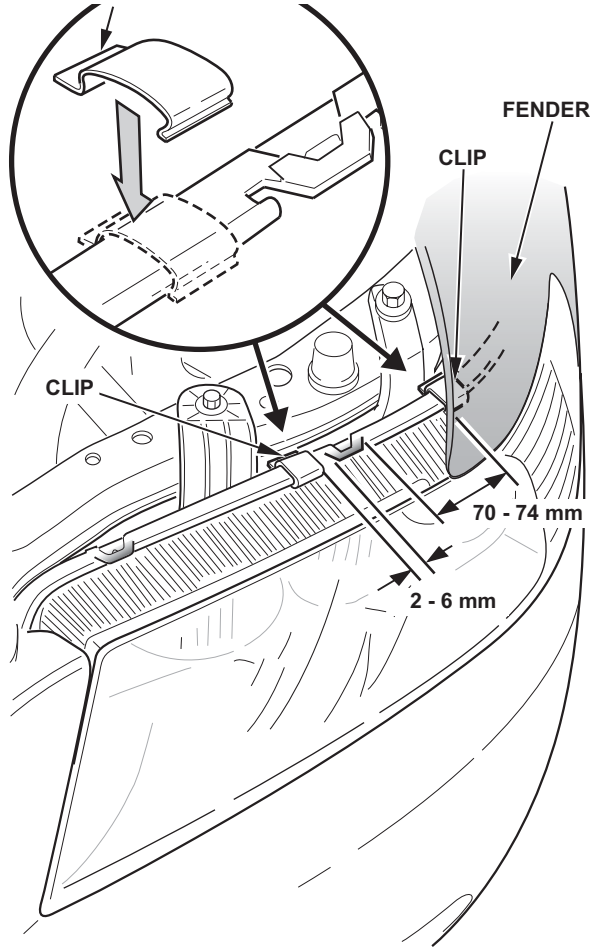
NOTE: Make sure the clips are properly attached in the proper direction.

PASSENGER'S SIDE



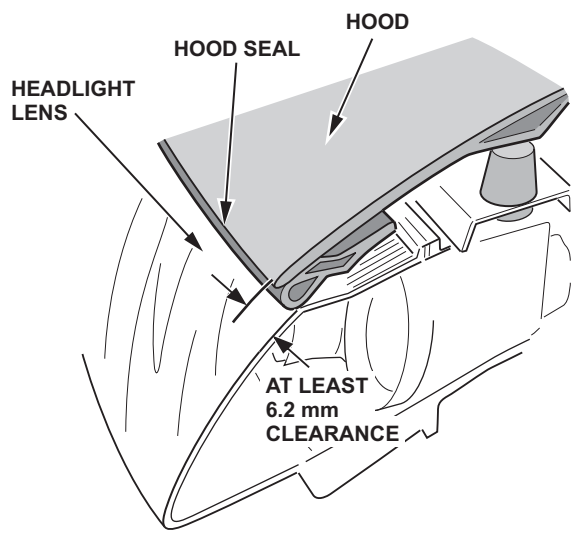
DRIVER'S SIDE

"Tail" of the clip should point to the rear of the vehicle.



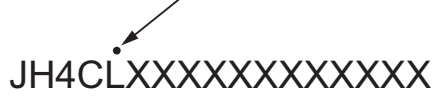
3. Make sure the hood is flush with the front fender and has at least 6.2 mm of clearance from the top of the hood to the top of the headlight. If needed, adjust the hood:

- Refer to page 20-134 of the service manual, or
- Online, enter keyword **HOOD** and select **Hood Adjustment** from the list.



4. Make sure the headlights work, and are aimed properly.
5. Center-punch a completion mark above the fifth character of the engine compartment VIN.

Center-punch here.



March 2007

Product Update: Moisture in Headlights

Dear TSX Owner:

This notice has been sent to inform you of a potential problem with your vehicle and what you should do to resolve it.

What is the problem?

The headlight lens may separate from the headlight unit, allowing moisture to enter the headlight unit. In rare cases, the headlight may fail.

What should you do?

Call any authorized Acura dealer, and make an appointment to have your vehicle's headlights updated. This work will be done *free of charge*. Please plan to leave your vehicle at the dealer for half a day to allow them flexibility in scheduling.

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

Our records show that you are the current owner or lessee of a 2004–05 TSX involved in this product update. If this is not the case, or the name/address information is incorrect, please fill out and return the included, postage-paid *Information Change Card*. We will then update our records.

If you have questions.

If you have questions about this notice, or need assistance with contacting an Acura dealer, please call Acura Client Services at (800) 382-2238.

We apologize for any inconvenience this campaign may cause you.

Sincerely,

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

March 9, 2007

Dear Service Manager:

Acura is announcing a product update campaign affecting 2004–05 TSXs. On affected vehicles, the headlight lens may separate from the headlight unit, allowing moisture to enter the headlight unit.

Repair Strategy

The repair is to inspect the headlight housing to see if any moisture has entered the headlight unit. If there is no evidence of moisture, attach the countermeasure metal clips. On a small number of vehicles, moisture may have entered the headlight unit. In this case, replace the headlight unit (you may also need to replace the HID [high intensity discharge] unit, the headlight bulb, the HID igniter [and wire harness], and/or the low beam headlight fuses). For repair, VIN, and warranty information, refer to Service Bulletin 07-016, *Product Update: Moisture in Headlight*.

Client Notification

Clients will be sent a notification of this campaign in mid-March.

To see if a vehicle is affected by this campaign, verify its eligibility by checking at least one of these items:

- The client has a notification letter.
- The vehicle is shown on your campaign responsibility report.
- The vehicle is shown as eligible on an iN VIN status inquiry.

Parts Information

A quantity of metal clips equaling 50 percent of the affected vehicles sold by your dealership will be allocated the week of March 9. Open ordering will be available after March 31. In the rare case you have to replace a headlight unit and other headlight components, order the part(s) through normal channels.

Sincerely,

American Honda Motor Co., Inc.
Acura Automobile Division