

June 26, 2018

Version 1

ATF Leak from Transmission Case Bolt

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2014	MDX	All with SH-AWD	5FRYD4H..EB030353 thru 5FRYD4H..EB041381

POSSIBLE CAUSE

During assembly, a transmission case bolt was not properly torqued allowing ATF to leak.

CORRECTIVE ACTION

Compare the leak location on the vehicle to the photo in **Inspection Procedure**. If the leak is in the same location, remove and clean the bolt and the transmission case, then install the bolt. If the leak is not from this location, clean and add dye to isolate the leak.

PARTS INFORMATION

Part Name	Order Part Number	Quantity
Acura Genuine ATF DW-1	08200-9008A	1

WARRANTY CLAIM INFORMATION

The normal warranty applies.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
2180B7	Remove, clean, and install the bolt.	0.5 hr	07405	05101	B18035A	21210-RT4-000

Skill Level: Repair Technician

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.

INSPECTION PROCEDURE

Compare the leak location on the vehicle to this photo.

NOTE

The transmission bolt in this location **only** applies to vehicles with SH-AWD. A 2WD vehicle has a **different** case allowing greater clearance for proper torque during assembly.



- If it is in the same location, go to REPAIR PROCEDURE.
- If the leak is not from this location, clean and add dye to isolate the leak.

For information on ATF leak detection, refer to service bulletin 07-059, *ATF Leak Detection*.

REPAIR PROCEDURE

1. Remove the lower transmission cover.
2. Remove the 10 x 95 mm flange bolt to the left of the drive shaft on the driver's side of the vehicle.
3. Clean the bolt and the transmission case. Install the bolt, and torque it to **45 N·m (33 ft-lb)**.

NOTE

Use a 14 mm thin-walled socket to maintain clearance between the socket and the transmission case. **Do not** use an impact socket as it may contact the transmission case and not provide proper torque.

4. Install the lower transmission cover.
5. Check the transmission fluid level, and add fluid if needed.

END