

August 30, 2021

Version 3

## AWD Indicator Comes On with DTC C1843-62 or C1844-62

Supersedes 20-032, dated March 29, 2021, to revise the information highlighted in **yellow**.

### AFFECTED VEHICLES

Year	Model	Trim Level	VIN Range
2019 – 20	RDX	All with AWD	ALL
2021	RDX	All with AWD	5J8TC2...ML000001 to 5J8TC2...ML011452

### REVISION SUMMARY

Under AFFECTED VEHICLES, 2021 RDX was added and the 2020 RDX VIN range was revised.

### SYMPTOM

The AWD indicator comes on with DTC C1843-62 (left rear differential fluid pressure deviation) and/or DTC C1844-62 (right rear differential fluid pressure deviation).

### POSSIBLE CAUSE

There is internal corrosion in the solenoids.

### CORRECTIVE ACTION

Check the rear differential fluid level, and if OK, replace both rear differential solenoid valves.

### PARTS INFORMATION

Part Name	Part Number	Quantity
Solenoid Assy., L. Linear	48360-5YP-013	1
Solenoid Assy., R. Linear	48350-5YP-013	1
Washer, Filler Plug (20 MM)	94109-20000	1

### REQUIRED MATERIALS

Part Name	Part Number	Quantity
All-Wheel Drive Fluid (DPSF)	08200-9007A	1 bottle will repair 5 vehicles.

**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.

## WARRANTY CLAIM INFORMATION

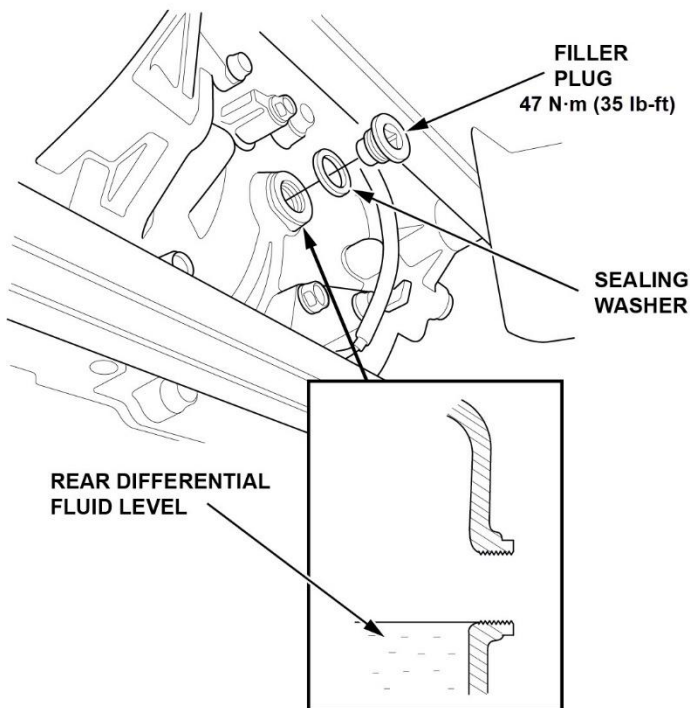
The normal warranty applies.

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
2191BY	Replace both rear differential solenoid valves after checking the rear differential fluid.	0.5 hr	00801	03205	B20032A	48360-5YP-003

Skill Level: Repair Technician

## INSPECTION PROCEDURE

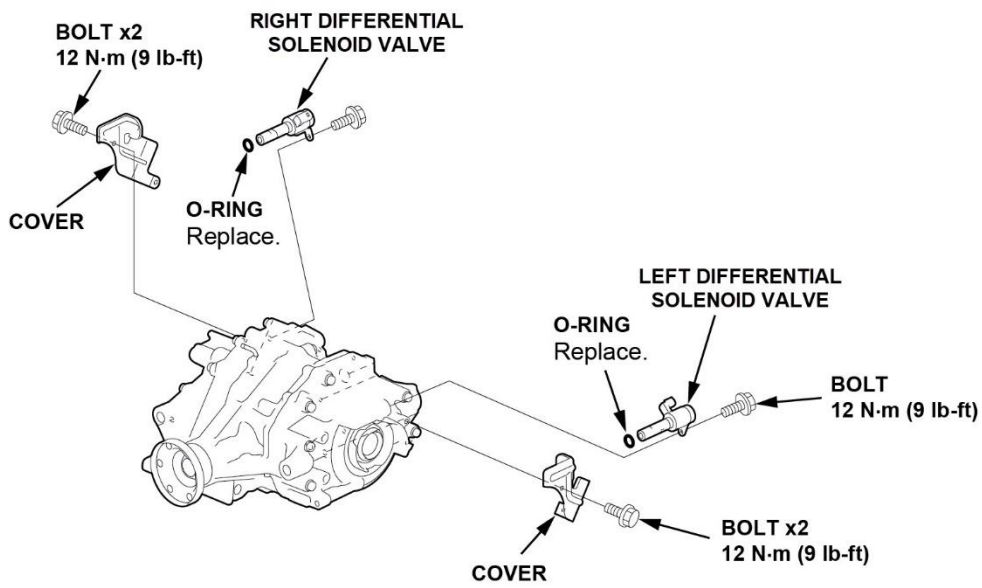
1. Raise the vehicle on the lift. Refer to the service information.
2. Check the rear differential fluid, and make sure the fluid is at the same level as the filler plug hole.
  - If the fluid level is OK, install a new filler plug sealing washer and torque the filler plug to **35 N·m (26 lb-ft)**. Then, go to REPAIR PROCEDURE.
  - If the fluid level is low, fill the rear differential with Acura All-Wheel Drive Fluid (DPSF) to the proper level. Refer to the service information. Then, go to STEP 3.



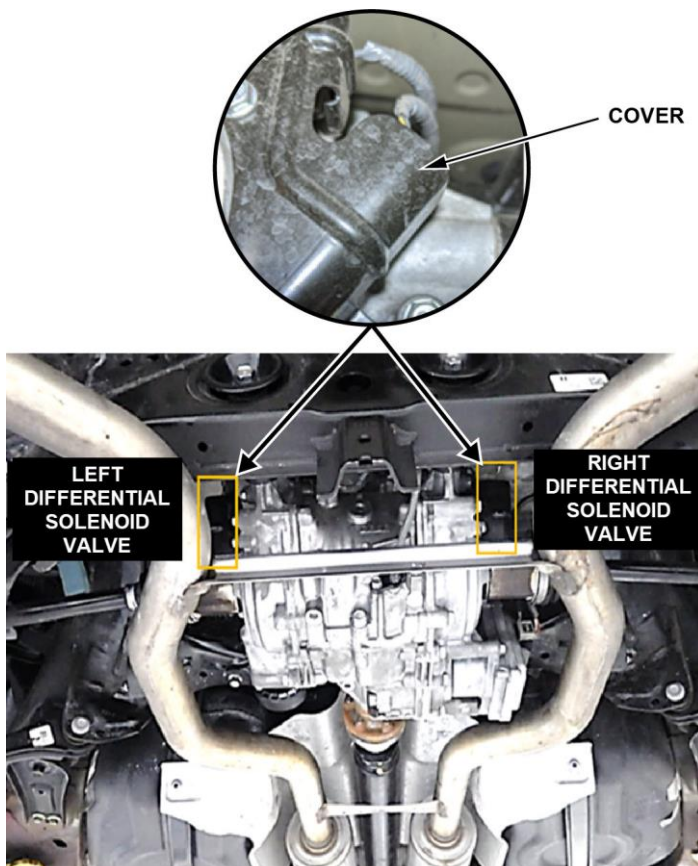
3. Clear the DTCs, and test-drive the vehicle.
  - If the AWD indicator comes on with DTC C1843-62 (left rear differential fluid pressure deviation) and/or DTC C1844-62 (right rear differential fluid pressure deviation), go to REPAIR PROCEDURE.
  - If the AWD indicator does not come on and no DTCs return, no further repairs are needed, this bulletin does not apply.

## REPAIR PROCEDURE

Replace the left and right differential solenoid valves.



1. Remove the differential solenoid covers.



2. Remove the differential solenoid valves.

NOTE: Before removing the solenoids, clean around each solenoid to prevent contamination from entering the differential and/or the new replacement solenoid.

*Before Cleaning*



*After Cleaning*



3. Install the new differential solenoid valves, and torque the bolt to **12 N·m (9 lb-ft)**.

NOTE: Lube the O-ring using Acura All-Wheel Drive Fluid (DPSF) before installing the differential solenoid valves to the rear differential.

4. Install the differential solenoid covers, and torque the bolts to **12 N·m (9 lb-ft)**.
5. Do an All DTC check, and clear DTCs from all systems.

END