December 08, 2016 05073 Version 1

Safety Recall: Rear Wire Harness/Rear Subframe Harness

AFFECTED VEHICLES

Year	Model	Trim	VIN Range
2017	Ridgeline	AWD	Check the iN VIN status for eligibility

BACKGROUND

Water may enter connector C601 on the rear wire harness and rear subframe harness causing a MIL to come on and setting related and possibly unrelated VSA and/or AWD DTCs.

The most common DTCs set include:

DTC	DTC Description
U0416-68	ECM Failure
U0416-F8	VSA Modulator-Control Unit Malfunction
U0416	VSA System Malfunction
U0199	MICU lost communication with power window master switch
U0180	Climate Control Unit lost communication with automatic lighting control unit-sensor
C1040-00	Wheel Speed Signal Error
C003A-62	Right Rear Wheel Speed Sensor Signal Compare Failure
C003A-14	Right Rear Wheel Speed Sensor Circuit Failure (Circuit Short to Ground or Open)
C0037-62	Left Rear Wheel Speed Sensor Signal Compare Failure
C0037-14	Left Rear Wheel Speed Sensor Circuit Failure (Circuit Short to ground or open)

There will be multiple repair procedures depending on the current condition and production date of the rear wire harness.

NOTE:

- If parts are not available to repair the customer's vehicle, let the service advisor know to tell the customer that American Honda will notify him or her when the parts are available.
- **Do not close out the campaign until the parts are available and the repair procedure can be done.** If you cannot fix the vehicle, you need to inspect the vehicle again when the customer returns.

CUSTOMER NOTIFICATION

Owners of affected vehicles will be sent a notification of this campaign.

Do an iN VIN status inquiry to make sure the vehicle is shown as eligible.

Some vehicles affected by this campaign may be in your new or used vehicle inventory. Repair these vehicles before they are sold.

Federal law requires that all affected new vehicles be repaired before sale. In addition, failure to repair a vehicle subject to a recall or campaign may subject your dealership to claims or lawsuits from the customer or anyone else harmed as a result of such failure. Furthermore, state law may provide American Honda with the right to seek indemnification in any such claim or lawsuit. To see if a vehicle in inventory is affected by this recall, do a VIN status inquiry before selling it.

CORRECTIVE ACTION

Inspect and determine which repair procedure is applicable. Replace or repair the rear wire harness and/or rear subframe harness according to inspection.

NOTE: Not all repairs are currently available. You may have to tell the service advisor to ask the customer to return when parts are available.

PARTS INFORMATION

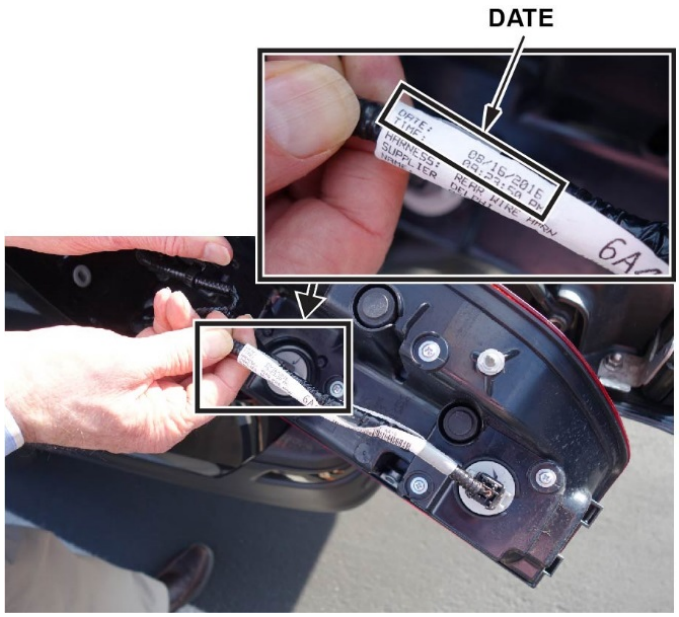
Part Name	Part Number	Quantity
Rear Wire Harness RT, RTL, RTL-T, RTS, Sport Black, RTL-E	 32108-T6Z-A01 32108-T6Z-A41	1
Rear Subframe Harness (ALL AWD)	32114-TG7-A00	1
Left and Right Upper Pillar Trim Clip	91561-TA5-A11	2

WARRANTY CLAIM INFORMATION

Operation Number	Description	Flat Rate Time	Defect Code	Symptom Code	Template ID	Failed Part Number
7371CF	Inspect and do Repair Procedure B. (Trims: RT, RTL, RTL-T, RTS, Sport)	7.7 hrs	6HN00	KD300	16-093B	32108-T6Z-A00
7371CF	Inspect and do Repair Procedure B. (Trims: Black, RTL-E)	7.7 hrs	6HN00	KD300	16-093C	32108-T6Z-A00
7371CG	Inspect and do Repair Procedure C.	2.6 hrs	6HN00	KD300	16-093D	32108-T6Z-A00

INSPECTION PROCEDURE

1. Remove the driver's side taillight. Refer to the service information.
2. Check the date on the label on the rear wire harness.
   - If the harness date is **before** August 9, 2016 (08/09/2016), go to step 3.
   - If the harness date is **on or after** August 9, 2016 (08/09/2016), go to REPAIR PROCEDURE C.

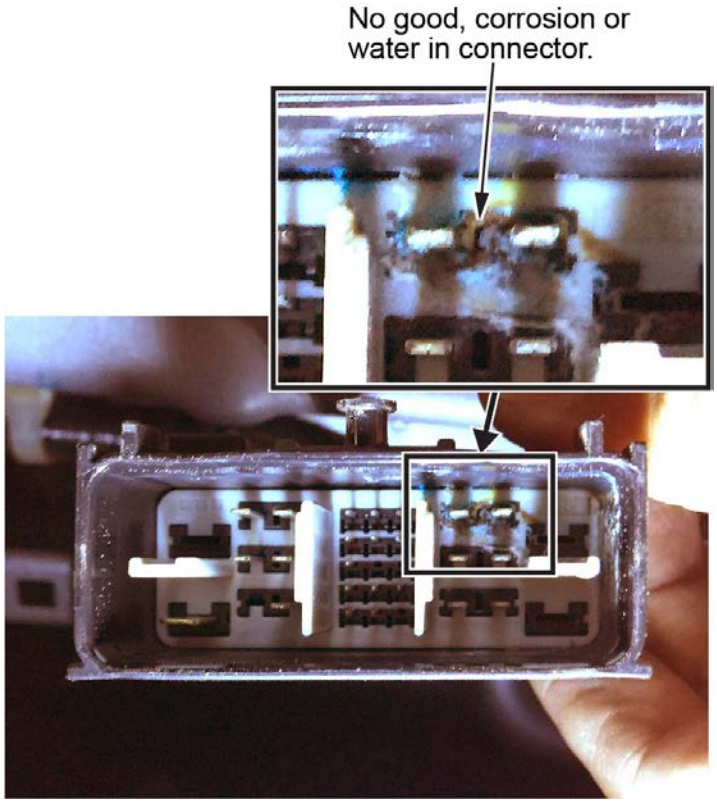


3. Disconnect connector C601 (rear wire harness/rear subframe harness), and inspect the interior of the connector and terminals on both the male and the female side for signs of water intrusion and/or corrosion.

   Is there water and/or corrosion inside the connector?

   Yes – Go to REPAIR PROCEDURE B.

   No – Go to REPAIR PROCEDURE A.



REPAIR PROCEDURE A

Parts and Repair Procedure A will be posted in a revised version as soon they are available.

NOTE:

- If parts are not available to repair the customers vehicle, let the service advisor know to tell the customer that American Honda will notify him or her when the parts are available.
- **Do not close out the campaign until the parts are available and the repair procedure can be done.** If you cannot fix the vehicle, you need to inspect it again when the customer returns.

REPAIR PROCEDURE B

1. Using the procedures from the service information, remove the following components:

   - Left inner fender panel
   - Tailgate trim
   - Left and right side bed panels
   - Front bed panel
   - Bed floor
   - Evaporative canister
   - Rear seats
   - Rear panel insulator
   - Rear Bumper

2. Check the following components/connectors for any water or corrosion. Replace any affected component if there is any **corrosion**. If there is water but no corrosion, dry it out and reuse the component.

   NOTE: Check both male and female side of each connectors.

   - Differential oil pump motor connector
   - Left differential fluid pressure sensor connector
   - Right differential fluid pressure sensor connector
   - C313 (If there is corrosion found on the differential side of C313, the rear differential carrier assembly will need to be replaced.)

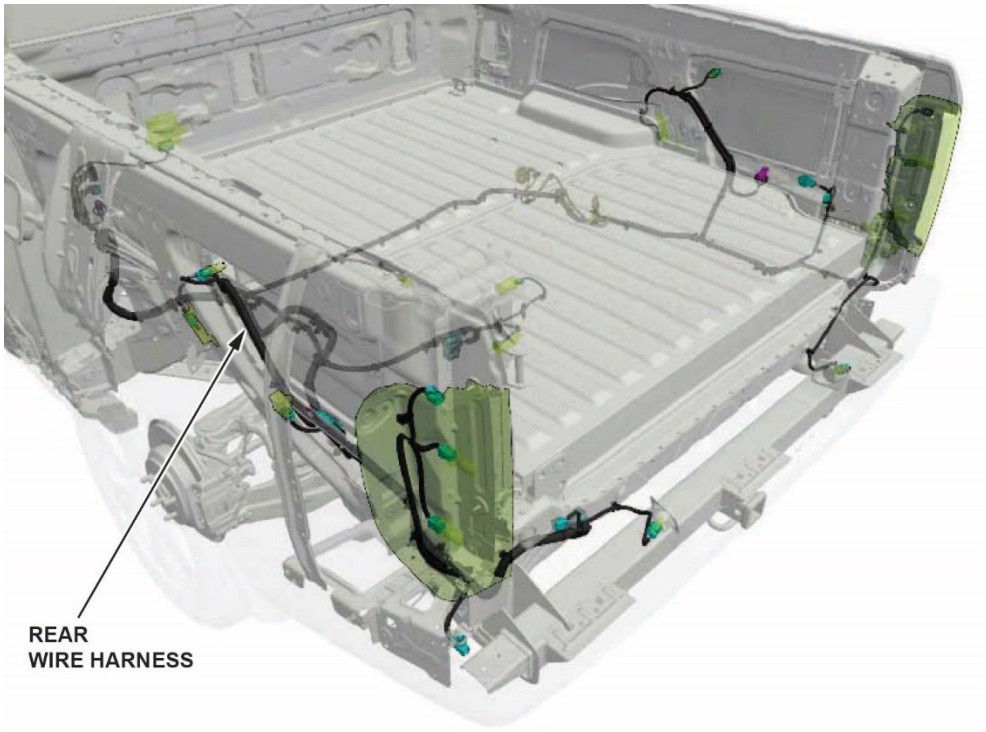
3. Check the following components/connectors for any water or corrosion. Replace any affected component if there is any **water** or **corrosion**.

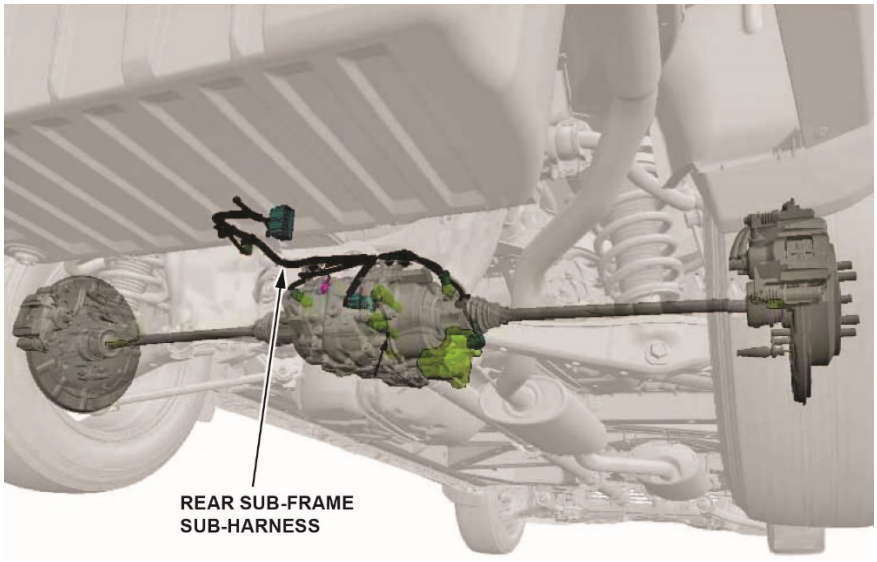
   NOTE: Check both male and female side of each connectors.

   - Left rear wheel speed sensor connector
   - Right rear wheel speed sensor connector

4. Replace the rear wire harness and the rear subframe harness.

   NOTE: Replace the harness in short sections to route it exactly as the original harness.





5. Install the removed parts in reverse order.

   NOTE: Be sure to replace the clips on the left and right upper C-pillar trim.

6. Clear any DTCs set.

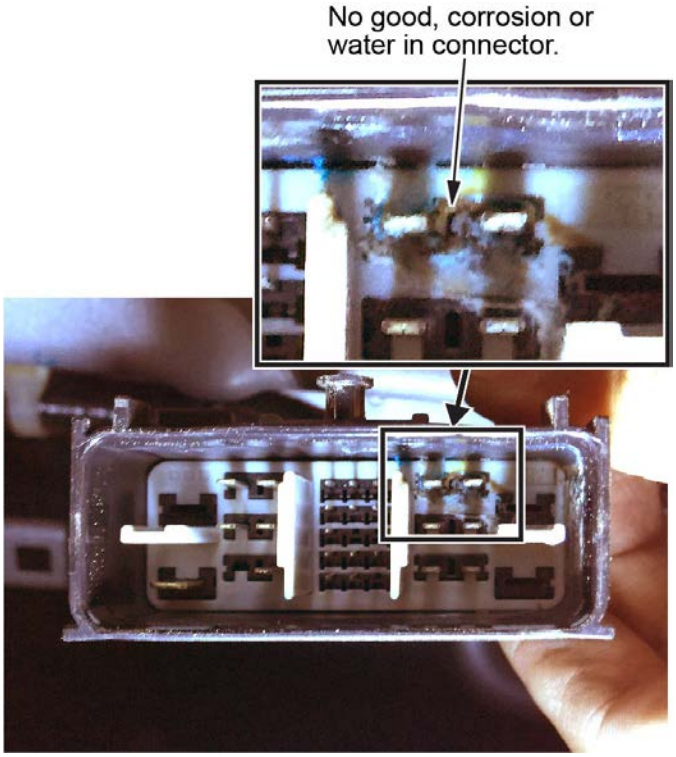
REPAIR PROCEDURE C

1. Disconnect connector C601 (rear wire harness/rear subframe harness), and inspect the interior of the connector and terminals on both the male and the female side for signs of water intrusion and/or corrosion.

   Is there water and/or corrosion inside the connector?

   Yes – Go to REPAIR PROCEDURE B.

   No – Go to step 2.



2. Check the following components/connectors for any water or corrosion. Replace any affected component if there is any **corrosion**. If there is water but no corrosion, dry it out and reuse the component.

   NOTE: Check both male and female side of each connectors.

   - Differential oil pump motor connector
   - Left differential fluid pressure sensor connector
   - Right differential fluid pressure sensor connector
   - C313 (If there is corrosion found on the differential side of C313, the rear differential carrier assembly will need to be replaced.)

3. Check the following components/connectors for any water or corrosion. Replace any affected component if there is any **water** or **corrosion**.

   NOTE: Check both male and female side of each connectors.

   - Left rear wheel speed sensor connector
   - Right rear wheel speed sensor connector

4. Replace the rear subframe harness.

5. Clear any DTCs set.

END