



Revision (1) January 2021

Dealer Service Instructions for:

## **Safety Recall W67 / NHTSA 20V-580 Front Seat Belt Retractor**

**NOTE: Revised part ordering instructions for JT and JL 4-door vehicles.**

### **Remedy Available**

**2019-2020 (DT) Ram 1500 Pickup**

**2019 (DJ) Ram 2500 Pickup**

**2019 (JL) Jeep® Wrangler**

**2020 (JT) Jeep® Gladiator**

*NOTE: Some vehicles above may have been identified as not involved in this recall and therefore have been excluded from this recall.*

**IMPORTANT:** Some of the involved vehicles may be in dealer new vehicle inventory. Federal law requires you to complete this recall service on these vehicles before retail delivery. Dealers should also consider this requirement to apply to used vehicle inventory and should perform this recall on vehicles in for service. Involved vehicles can be determined by using the VIP inquiry process.

### **Subject**

The front seat belt retractor on about 2,100 of the above vehicles may have been built with an improperly formed wave disc which has reduced internal friction resulting in reduced energy management capability. A seat belt retractor with reduced energy management capability may not perform as expected during a crash, which can increase the potential for injury to the occupant.

## **Repair**

Replace the appropriate seat belt retractor. The seat belt retractor(s) requiring replacement for each vehicle is VIN specific and can be determined by using GRS or VIP as described in the Parts Information section below.

## **Alternate Transportation**

Dealers should attempt to minimize customer inconvenience by placing the owner in a loaner vehicle if the vehicle must be held overnight.

## **Parts Information**

**The appropriate replacement seat belt retractor for each vehicle is VIN specific. Depending on vehicle VIN, vehicle may require a left side retractor or right side retractor replaced.**

**VIN specific parts application is available through the Global Recall System (GRS) and Vehicle Information Plus (VIP).**

To use GRS, enter DealerCONNECT, click on the “**Service**” tab, click on “**Global Recall System**,” enter the **recall number** in the “Recall Code:” box, and select “**VIN**” in the “**List By:**” drop down menu.

To use VIP, enter DealerCONNECT, click on the “**Service**” tab, click on “**Single VIN Inquiry**,” enter the **VIN and mileage**, click “**View**,” then click on the “**Coverages**” tab and view the “**Recall**” section.

**Required parts should be ordered through DealerConnect Parts Order. Parts will be on a managed allocation restriction.**

**Parts Information [Continued]**

**2019 - 2020 (DT) Ram 1500 Pickup**

<u>Part Number</u>	<u>Qty.</u>	<u>Description</u>
CSALW671AA	1	Seat Belt, Left, <b>Global Black</b>
<b>-or-</b>		
CSALW672AA	1	Seat Belt, Left, <b>Light Frost Beige</b>

**2019 (DJ) Ram 2500 Pickup**

<u>Part Number</u>	<u>Qty.</u>	<u>Description</u>
06105123AA	1	Bolt, Seat Belt Retractor, 0.437-20x50
06105142AA	1	Bolt, Seat Belt Tensioner, 0.437-20X65
CSALW673AA	1	Seat Belt, Right, Global Black

**2019 (JL) Jeep Wrangler 2-Door**

<u>Part Number</u>	<u>Qty.</u>	<u>Description</u>
06105124AA	1	Bolt, Seat Belt Retractor, 0.437-20x35
CSALW676AA	1	Seat Belt, <b>Left</b> , Global Black ( <b>JL 2-Door</b> )

**2019 (JL) Jeep Wrangler 4-Door**

**2020 (JT) Jeep Gladiator**

<u>Part Number</u>	<u>Qty.</u>	<u>Description</u>
06105124AA	1	Bolt, Seat Belt Retractor, 0.437-20x35

**JL and JT vehicles require the bolt above plus ONE seat belt which must be ordered through *campaignteam@fcagroup.com*. Please provide the VIN and Dealer Code. The Supply Chain team will order the seat belt based on VIN to ensure you receive the correct part.**



**Service Procedure**

**WARNING:** To avoid serious or fatal injury on vehicles equipped with airbags, disable the Supplemental Restraint System (SRS) before attempting any steering wheel, steering column, airbags, airbag curtains, knee blocker, seat belt tensioner, impact sensor or instrument panel component diagnosis or service. Disconnect the Intelligent Battery Sensor (IBS)/negative battery cable assembly from the negative battery post, then wait two minutes for the system capacitor to discharge before performing further diagnosis or service. This is the only sure way to disable the SRS. Failure to take the proper precautions could result in accidental airbag deployment.

**WARNING:** To avoid serious or fatal injury during and following any seat belt or child restraint anchor service, carefully inspect all seat belts, buckles, mounting hardware, retractors, tether straps, and anchors for proper installation, operation, or damage. Replace any belt that is cut, frayed, or torn. Straighten any belt that is twisted. Tighten any loose fasteners. Replace any belt that has a damaged or ineffective buckle or retractor. Replace any belt that has a bent or damaged latch plate or anchor plate. Replace any child restraint anchor or the unit to which the anchor is integral that has been bent or damaged. Never attempt to repair a seat belt or child restraint component. Always replace damaged or ineffective seat belt and child restraint components with the correct, new and unused replacement parts listed in the Mopar® Parts Catalog. Failure to follow these instructions may result in possible serious or fatal injury.

**NOTE:** The following procedure is for replacement of an ineffective or damaged seat belt and retractor unit. The front retractor also includes a seat belt tensioner. If the front seat belt or retractor is ineffective or damaged, but the seat belt tensioner is not deployed, review the recommended procedures for Handling Non-Deployed Supplemental Restraints

- At no time should any source of electricity be permitted near the seat belt tensioner. When handling a non-deployed seat belt tensioner, take proper care to keep fingers out from under the retractor or buckle cover and away from the seat belt webbing or cable where it exits from the retractor or buckle cover. In addition, the SRS should be disarmed whenever any steering wheel, steering column, seat belt tensioner, airbag, impact sensor or instrument panel components require diagnosis or service. Failure to observe this warning could result in accidental airbag deployment and possible personal injury.

**Service Procedure [Continued]**

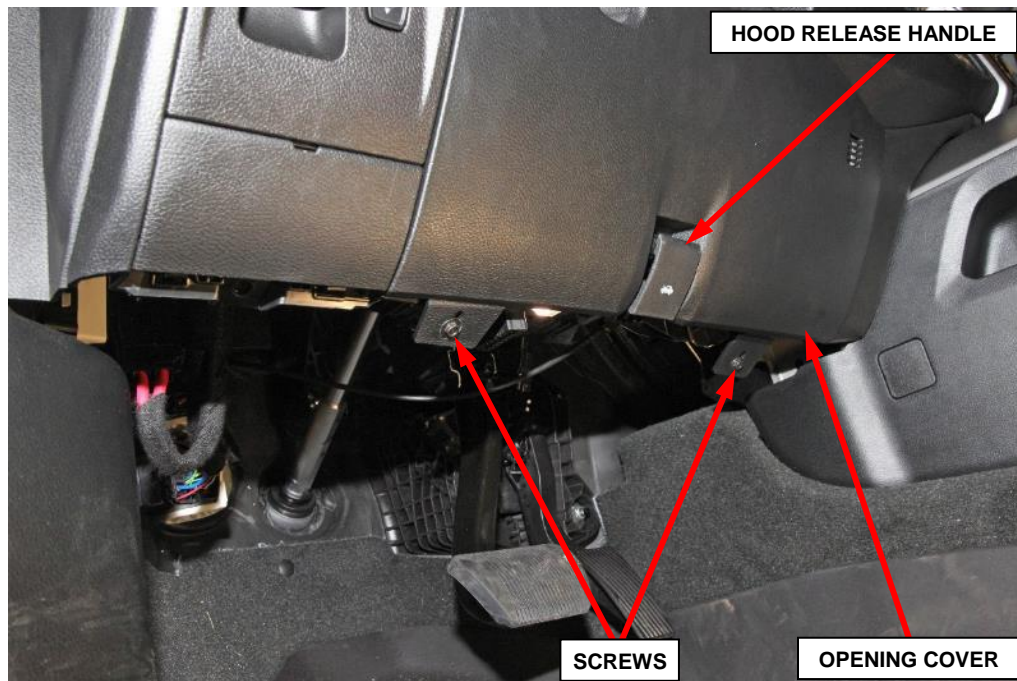
- **All damaged, ineffective or non-deployed seat belt tensioners which are replaced on vehicles are to be handled and disposed of properly. If a seat belt tensioner unit is ineffective or damaged and non-deployed, refer to the Hazardous Substance Control System for information regarding the potentially hazardous properties of the subject component and the proper safe handling procedures. Then dispose of all non-deployed seat belt tensioners in a manner consistent with state, provincial, local and federal regulations.**

**Proceed to the appropriate repair procedure section based on the vehicle being remedied.**

- **A. (DT) 1500 Pickup**
- **B. (DJ) 2500 Pickup**
- **C. (JL) Jeep Wrangler and (JT) Jeep Gladiator**

**Service Procedure [Continued]****A. (DT) 1500 Pickup**

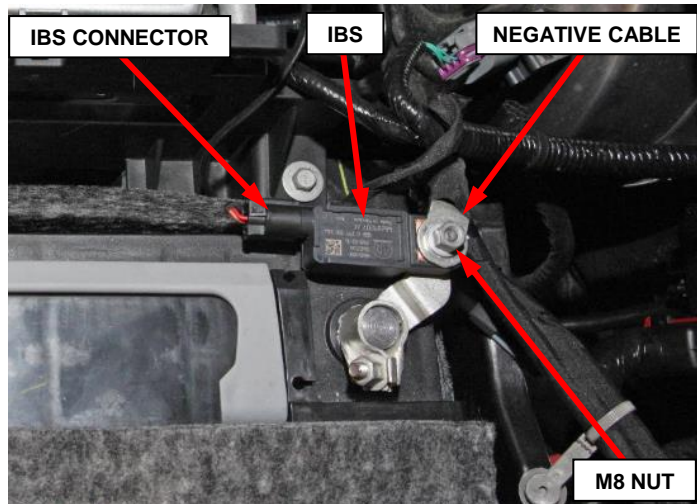
1. Remove the steering column opening cover in order to gain access to the Occupant Restraint Module (ORC) fuses in the fuse box located below the steering column. Access to the ORC fuses will be required later in this procedure.
  - a. Remove the two screws that secure the bottom of the steering column opening cover to the instrument panel (Figure 1).
  - b. Using a trim stick or equivalent, disengage the retainer clip that secures the hood release handle to the steering column opening cover (Figure 1).
  - c. Using a trim stick or equivalent, release the retainer clips that secure the steering column opening cover to the instrument panel then lower the cover to expose access to the fuse box located below the steering column (Figure 1).

**Figure 1 – Steering Column Opening Cover**

**Service Procedure [Continued]**

2. Adjust the front seat to its full forward position for easiest access to the front seat belt retractor and B-pillar trim.
3. Open the hood.

4. Disconnect the Intelligent Battery Sensor (IBS) wire harness electrical connector (Figure 2).



**Figure 2 – Battery Ground Terminal and IBS**

5. Remove the M8 nut from the IBS and remove the battery negative cable eyelet from the IBS then isolate the negative battery cable (Figure 2).

**CAUTION: If the battery negative cables are not isolated it will result in the system still having a battery connection and a potential for deployment of the air bags.**

6. Wait two minutes for the SRS capacitor to discharge before continuing.

7. Using a trim stick or equivalent, disengage the retainer clips securing the cowl trim panel from the door sill (Figure 3).



**Figure 3 – Cowl Trim Panel**

8. Pull the cowl trim panel rearward and remove it from the vehicle (Figure 3).



**Service Procedure [Continued]**

9. Using a trim stick or equivalent, release the retaining clips and lift the rear door sill trim panel near the B-pillar. It is not necessary to fully remove the door sill trim panel from the vehicle (Figure 4).



**Figure 4 – Rear Door Sill Trim Panel**

10. Using a trim stick or equivalent release the retaining clips and remove the B-pillar middle trim panel as one piece. It is not necessary to remove the access cover from the trim panel (Figure 5).



**Figure 5 – B-Pillar Middle Trim Panel**

**Service Procedure [Continued]**

11. Using a trim stick or equivalent release the retaining clips and remove the lower B-pillar trim panel (Figure 6).



**Figure 6 – B-Pillar Lower Trim Panel**

12. Using a trim stick or equivalent release the retaining clips and remove the outboard seat track side trim panel (Figure 7).



**Figure 7 – Seat Track Outboard Trim Panel**

**Service Procedure [Continued]**

- Remove the two retaining screws then remove the outboard seat track rear trim cover (Figure 8).



**Figure 8 – Seat Track Outboard Rear Trim Cover**

- Squeeze the release buttons together and gently unsnap the trim cover from the height adjuster on the upper B-pillar to access the front seat belt turning loop mounting nut (Figure 9).



**Figure 9 – Seat Belt Height Adjuster Cover**



**Service Procedure [Continued]**

15. Release the seat belt webbing guide from the B-pillar (Figure 10).



**Figure 10 – Seat Belt Webbing Guide**

16. Remove and **SAVE** the nut that secures the seat belt turning loop to the height adjuster (Figure 11).

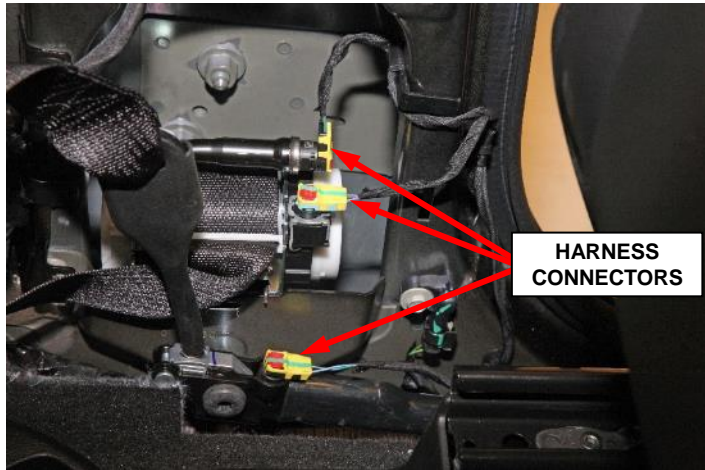


**Figure 11 – Seat Belt Turning Loop**

17. Remove the seat belt turning loop from the height adjuster (Figure 11).

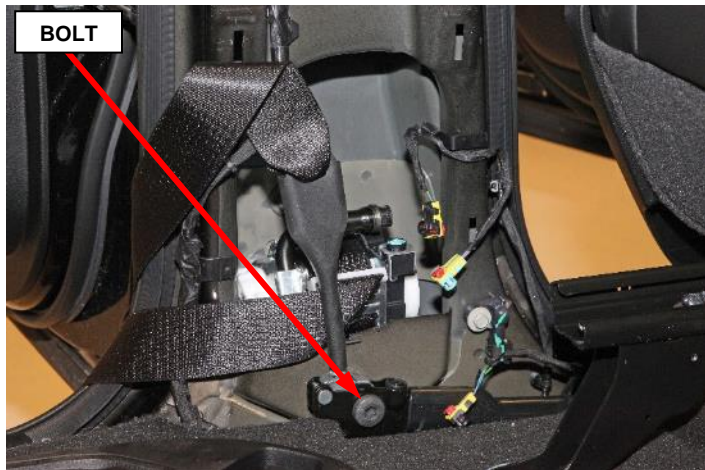
**Service Procedure [Continued]**

18. Disconnect the wire harness connectors from the tensioner and retractor (Figure 12).



**Figure 12 – Wire Harness Connectors**

19. Remove the bolt from the front seat belt retractor and tensioner (Figure 13).



**Figure 13 – Seat Belt Retractor**

20. Lift the front seat belt retractor and tensioner assembly upward far enough to disengage the T-tab on the retractor from the notch in the inner B-pillar.

21. Remove the front seat belt retractor and tensioner from the vehicle.

22. Render the recalled seat belt retractor unusable and **DISCARD**.

**Service Procedure [Continued]**

23. Position the **NEW** front seat belt retractor and tensioner to the B-pillar by engaging the T-tab on the retractor with the notch in the inner B-pillar, then align the tensioner with the hole in the B-pillar (Figure 13).

**NOTE: Be certain that the seat belt webbing between the retractor, the turning loop, and tensioner is not twisted.**

24. Install the front seat belt retractor and tensioner bolt and tighten the bolt to 48 N·m (35 ft. lbs.). Ensure the tensioner is held securely after tightening. If the tensioner can be rotated easily, increase the torque by as much as additional 5 N·m (4 ft. lbs.) if necessary (Figure 13).
25. Connect the wire harness connectors to the tensioner and the retractor (Figure 12).
26. Wipe clean the turning loop stud threads to remove any loose debris.
27. Position the seat belt turning loop to the height adjuster (Figure 11).

**NOTE: Be certain that the seat belt webbing between the retractor, the turning loop, and tensioner is not twisted.**

28. Install the front seat belt turning loop nut and tighten the nut to 48 N·m (35 ft. lbs.) (Figure 11).
29. Install the retractor belt guide to the inner B-pillar (Figure 10).
30. Install the seat belt turning loop cover over the seat belt turning loop nut (Figure 9).

**Service Procedure [Continued]**

31. Install the outboard seat track rear trim cover then secure with the two retaining screws (Figure 8).
32. Install the outboard seat track side trim panel and seat the clips fully (Figure 7).
33. Position the lower B-pillar trim and seat the clips fully (Figure 6).
34. Position the middle B-pillar trim and seat the clips fully (Figure 5).
35. Position the rear door sill trim panel to the rear door sill then seat the retaining clips fully (Figure 4).
36. Position the cowl trim panel to the door sill (Figure 3).
37. Push the cowl trim panel forward and then engage the retaining clips that secure the sill trim panel to the front door sill (Figure 3).

**NOTE: The Supplemental Restraint System (SRS) Verification Test procedure should be performed following service of any SRS component.**

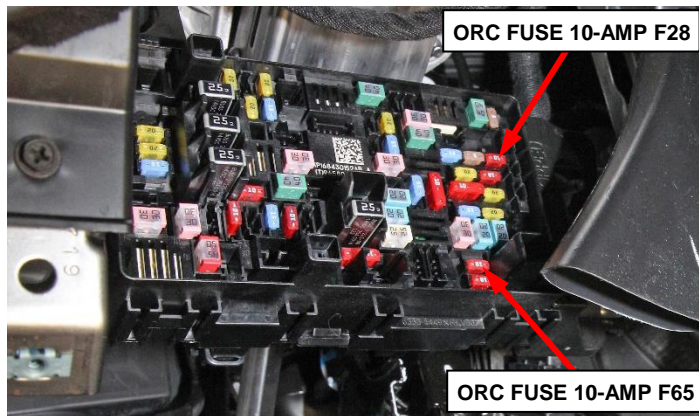
**NOTE: During the following SRS test, the battery negative cable remains disconnected and isolated as it was during the component removal and installation procedures. Do not reconnect the negative cable until instructed to do so.**

**WARNING: Failure to follow these instructions may result in possible serious or fatal injury.**

**Service Procedure [Continued]****38. SRS Verification Test procedure:**

**WARNING:** Failure to follow these instructions may result in possible serious or fatal injury.

a. Remove the Occupant Restraint Controller (ORC) 10-amp fuses F28 and F65 located in the fuse box below the steering column (Figure 14).



**Figure 14 – ORC Fuse Location**

b. Check to be certain that nobody is in the vehicle.

c. Connect the battery negative cable eyelet to the IBS and tighten the 8M nut to 7 N·m (62 in. lbs.) then connect the IBS electrical connector (Figure 2).

d. Wait two minutes before proceeding.

e. Cycle the ignition to the “**RUN**” position, then reconnect the 10-amp ORC fuses F28 and F65 (Figure 14).

39. Install the steering column opening cover to the instrument panel securing with the retainer clips (Figure 1).

40. Install and tighten the two screws along the bottom of the steering column opening cover to the instrument panel (Figure 1).

41. Engage the retainer clip that secures the hood release lever to the steering column opening cover (Figure 1).



**Service Procedure [Continued]**

42. Connect the wiTECH micro pod II to the 16-way Data Link Connector (DLC). The DLC is located on the driver side lower edge of the instrument panel, near the steering column opening cover and outboard of the steering column.

**NOTE: The wiTECH software is required to be at the latest release level before performing the SRS test.**

43. Open the wiTECH 2.0 website.
44. Enter your “**User id**” and “**Password**” and your “**Dealer Code**”, then select “**Sign In**” at the bottom of the screen. Click “**Accept**”.
45. Starting at the “**Vehicle Selection**” screen, select the appropriate vehicle and Device Name.
46. From the “**Action Items**” screen, click “**All DTCs**”, select “**Clear All DTCs**”, click “**Continue**” and then click “**Close**”.
47. If DTCs are still stored, cycle the ignition OFF/ON to change DTC status from “**active**” to “**stored**” then clear DTCs again.
48. Close the hood, remove the wiTECH micro pod II.
49. Turn the ignition switch to the “**OFF**” position for about 15 seconds, and then back to the “**RUN**” position. Observe the air bag indicator in the instrument cluster.
  - The air bag indicator in the instrument cluster should illuminate from four to six seconds, and then go out. This indicates that the SRS is functioning normally and that the repairs are complete. Turn the ignition to the “**OFF**” position, remove the wiTECH micro pod II and return the vehicle to the customer.
  - If the air bag indicator fails to light or the light remains ON, there is still an active SRS fault or malfunction. Refer to the appropriate diagnostic information to diagnose the problem.

## Service Procedure [Continued]

### B. (DJ) 2500 Pickup

1. Adjust the front seat to its full forward position for easiest access to the front seat belt retractor and the B-pillar trim.
2. Open the hood.

3. Disconnect the Intelligent Battery Sensor (IBS) wire harness electrical connector (Figure 15).

**CAUTION:** Failure to disconnect the IBS wire harness connector can lead to damage of the IBS wire harness connector.

4. Loosen the ground terminal nut and remove the negative cable with IBS from the battery and isolate it (Figure 15).

**NOTE:** If the vehicle is equipped with an auxiliary battery, both batteries will need to be disconnected in order to power down the vehicle.

5. If the vehicle is equipped with an auxiliary battery, loosen the ground terminal nut and remove the negative cable clamp from the battery and isolate (Figure 16).

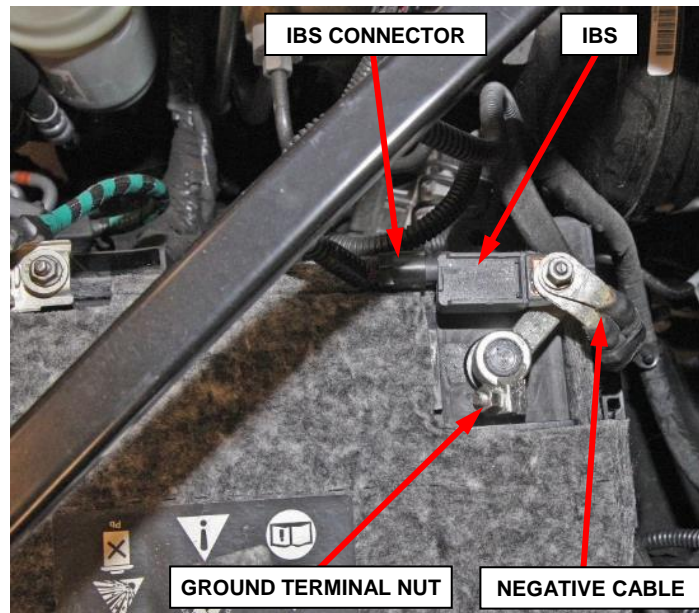


Figure 15 – Battery Ground Terminal and IBS

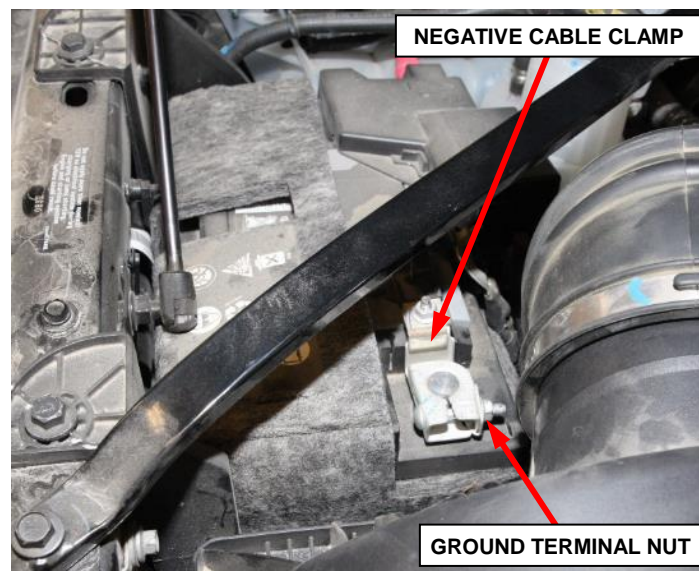


Figure 16 – Auxiliary Battery Ground Terminal

**Service Procedure [Continued]**

**CAUTION: If the battery negative cables are not isolated it will result in the system still having a battery connection and a potential for deployment of the air bags.**

6. Wait two minutes for the Supplemental Restraint System (SRS) capacitor to discharge before continuing service.

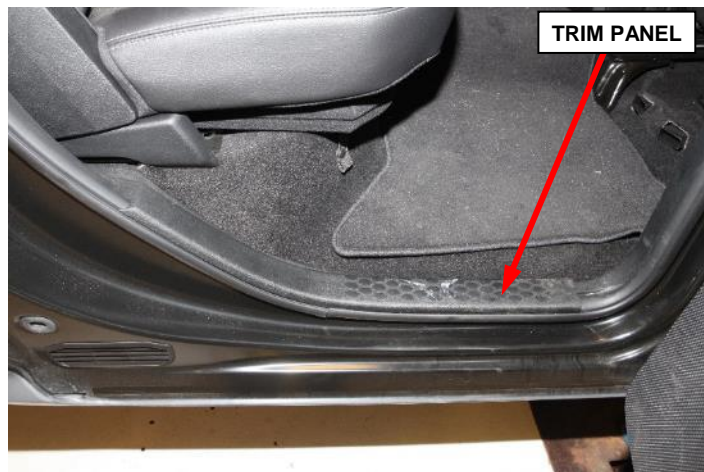
7. Remove the seat track closeout panel (Figure 17).



**Figure 17 – Seat Track Closeout Panel and Cowl Trim Panel**

8. Using a trim stick or equivalent, release the retaining clips and lift the cowl trim panel in the front door sill area. The cowl trim panel does not require removal from the vehicle (Figure 17).

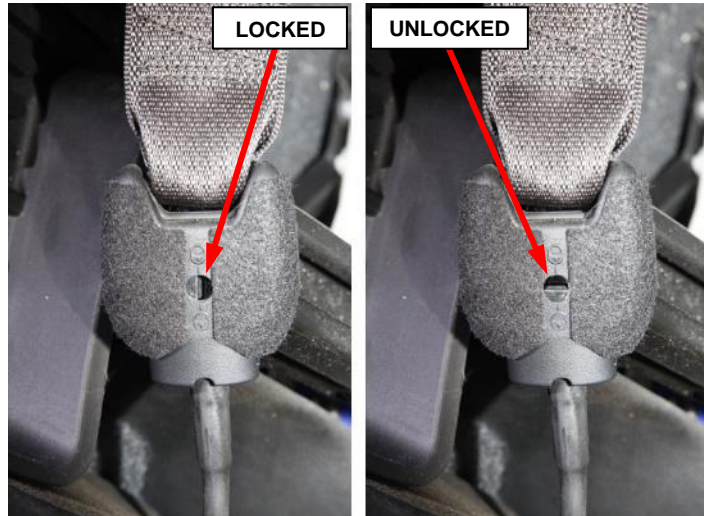
9. Using a trim stick or equivalent, release the front retaining clips and lift the rear door sill trim panel in the door sill area. The sill trim panel does not require removal from the vehicle (Figure 18).



**Figure 18 – Rear Door Sill Trim Panel**

**Service Procedure [Continued]**

- Using a flat blade screwdriver rotate the tensioner quick connect screw counterclockwise to disconnect the front seat belt retractor lower buckle to the tensioner cable (Figure 19).



**Figure 19 – Tensioner Quick Connect**

- Using a trim stick or equivalent, release the lower B-pillar trim panel retaining clips from the B-pillar. Then slide the tensioner cable through the slot on the lower B-pillar trim panel while removing the lower B-pillar trim panel from vehicle (Figure 20).



**Figure 20 – B-Pillar Lower Trim Panel**



**Service Procedure [Continued]**

12. Release the seat belt webbing guide from the B-pillar (Figure 21).



**Figure 21 – Seat Belt Webbing Guide**

13. Firmly grasp the top of the trim cover for the front seat belt height adjuster on the B-pillar and pull it away from the height adjuster far enough to unsnap it, then disengage the lower snap features of the trim cover from the height adjuster (Figure 22).



**Figure 22 – Seat Belt Height Adjuster Cover**

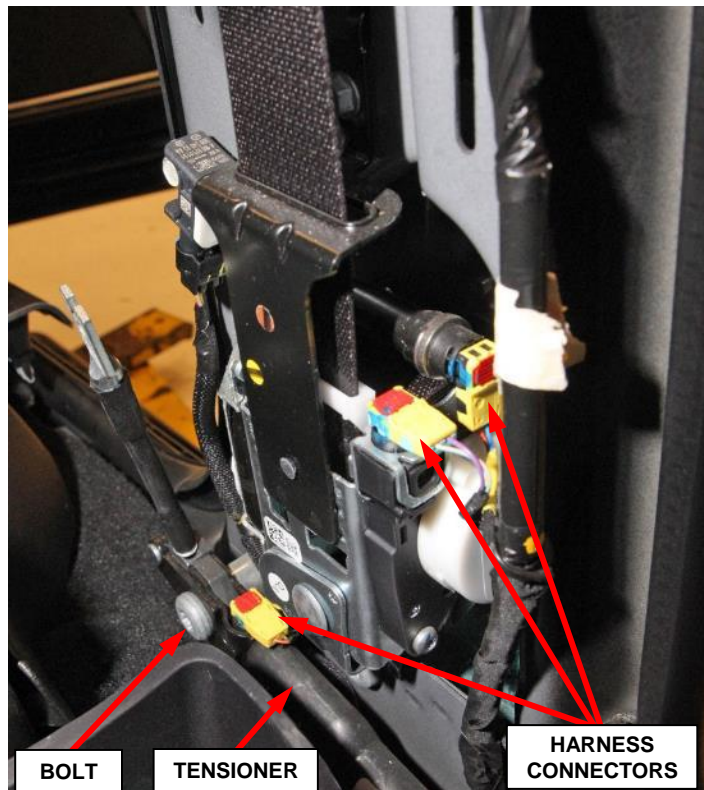
**Service Procedure [Continued]**

14. Remove the bolt with seat belt turning loop from the height adjuster on the B-pillar (Figure 23).



**Figure 23 – Seat Belt Turning Loop**

15. Disconnect the three wire harness connectors from the seat belt retractor and tensioner (Figure 24).



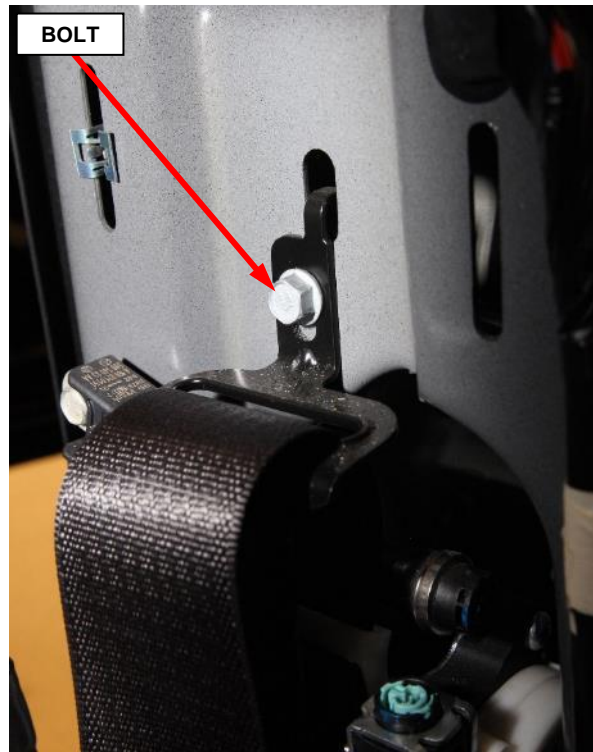
**Figure 24 – Wire Harness Connectors and Tensioner**

16. Remove the bolt with tensioner from the B-pillar (Figure 24).

**NOTE: Tensioner is not being replaced. Tensioner must be removed to gain access to seat belt retractor lower bolt.**

**Service Procedure [Continued]**

17. Remove and **SAVE** the bolt that secures the top of the retractor to the B-pillar (Figure 25).

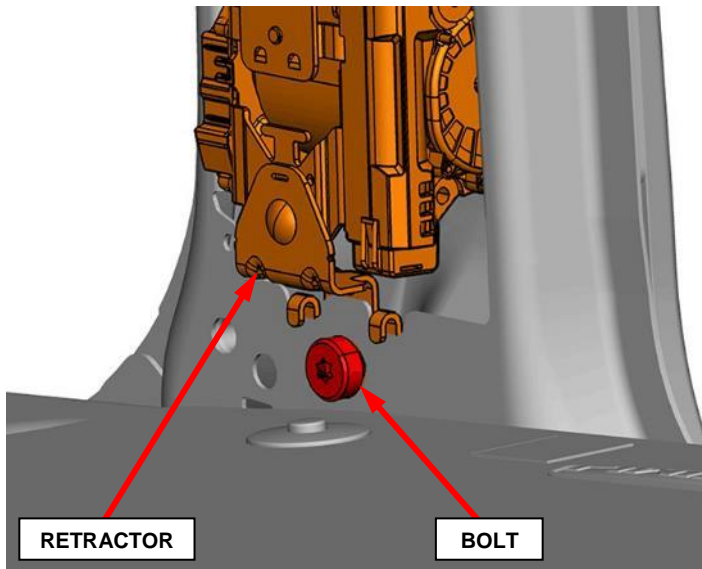


**Figure 25 – Retractor Upper Bolt**

18. Remove and **DISCARD** the bolt that secures the bottom of the retractor to the B-pillar (Figure 26).

19. Disengage the locating tab of the retractor from the B-pillar (Figure 26).

20. Remove the seat belt retractor from the vehicle.

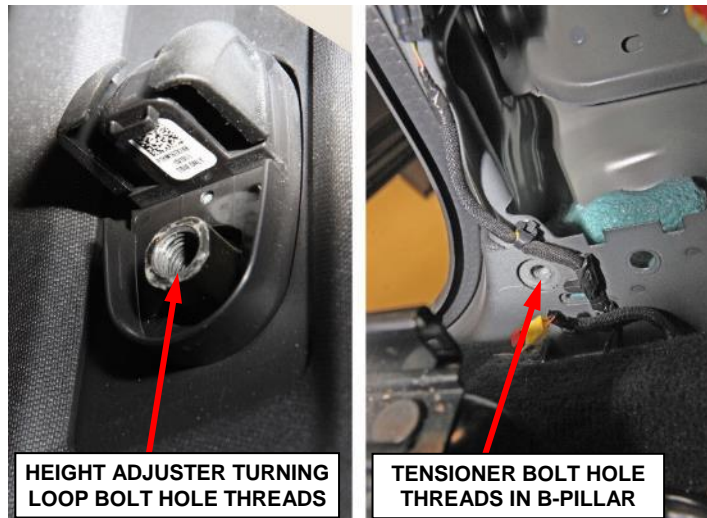


**Figure 26 – Retractor Lower Bolt**

21. Render the recalled seat belt retractor unusable and **DISCARD**.

**Service Procedure [Continued]**

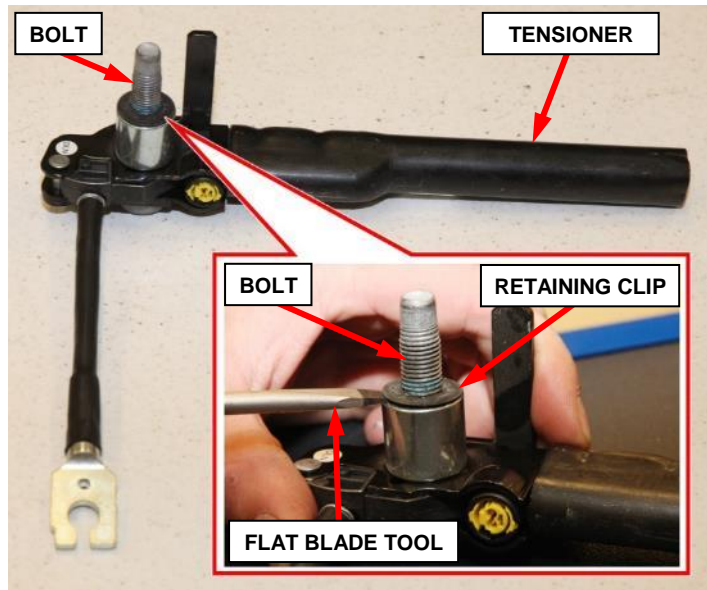
- 22. Clean the seat belt turning loop bolt hole threads in the height adjuster to remove any trace of thread lock material (Figure 27).
- 23. Clean the tensioner bolt hole threads in the B-pillar to remove any trace of thread lock material (Figure 27).



**Figure 27 – Clean Bolt Hole Threads**

**NOTE: The tensioner bolt must be replaced.**

- 24. Using a flat blade tool, lift up the push nut retaining clip, then using diagonal cutting pliers or similar tool, remove and **DISCARD** the push nut retaining clip and the bolt. **SAVE** the spacer and tensioner (Figure 28).
- 25. Install a **NEW** bolt into the tensioner and spacer. The push nut retaining clip was only for manufacturing assembly and is not necessary (Figure 28).



**Figure 28 – Replace Tensioner Bolt**



**Service Procedure [Continued]**

26. Position the **NEW** seat belt retractor to the B-pillar. Be certain to engage the locating tab on the retractor to the B-pillar (Figure 26).
27. Install and tighten securely the bolt that secures the top of the seat belt retractor to the B-pillar (Figure 25).
28. Install the **NEW** bolt that secures the bottom of the seat belt retractor to the B-pillar. Tighten the bolt to 45 N·m (33 ft. lbs.) (Figure 26).
29. Install the tensioner and spacer assembly with **NEW** bolt to the B-pillar. Tighten the bolt to 45 N·m (33 ft. lbs.). Ensure the tensioner is held securely after tightening. If the tensioner can be rotated easily, increase the torque by as much as additional 4.5 N·m (3 ft. lbs.) if necessary (Figure 24).
30. Connect the three wire harness connectors to the seat belt retractor and tensioner (Figure 24).

**NOTE: Be certain that the seat belt webbing between the retractor and the turning loop is not twisted during the next step.**

31. Position the seat belt turning loop with bolt to the height adjuster on the B-pillar. Tighten the bolt to 45 N·m (33 ft. lbs.) (Figure 23).
32. Position the trim cover over the seat belt height adjuster, then snap it into place. Engage the lower snap features first, then the upper snap features (Figure 22).
33. Install the seat belt webbing guide to the B-pillar (Figure 21).
34. Slide the tensioner cable through the slot on the lower B-pillar trim. Position the lower B-pillar trim to the B-pillar then seat the trim retaining clips fully into the B-pillar. Ensure the door opening weather strip is properly positioned overlapping each side of the B-pillar trim (Figure 20).

**Service Procedure [Continued]**

**NOTE: Be certain that the seat belt webbing between the turning loop and the lower buckle is not twisted during the next step.**

35. Insert the lower tensioner cable into the seat belt retractor lower buckle until it latches into the lock position. Rotate the quick connect screw if necessary in order to align the locking feature to the locked position (Figure 19).
36. Position and seat the retaining tabs fully that secure the sill trim panel to the rear door sill (Figure 18).
37. Position and seat the retaining tabs fully that secure the cowl trim panel to the front door sill (Figure 17).
38. Install the seat track closeout panel (Figure 17).

**NOTE: The Supplemental Restraint System (SRS) Verification Test procedure should be performed following service of any SRS component.**

**NOTE: During the following SRS test, the battery negative cable remains disconnected and isolated as it was during the component removal and installation procedures. Do not reconnect the negative cable until instructed to do so.**

**NOTE: The wiTECH software is required to be at the latest release level before performing the SRS test.**

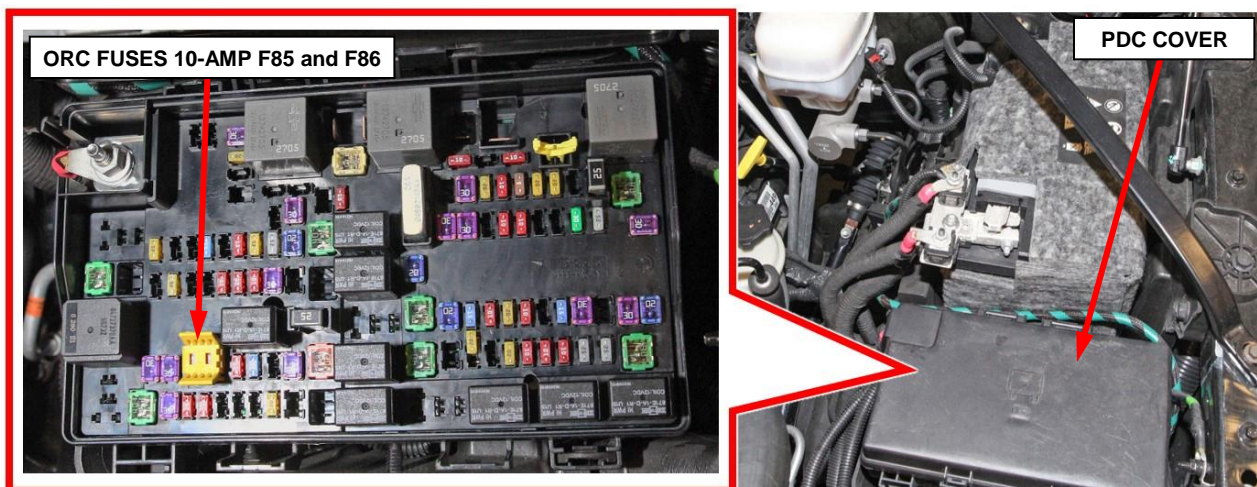
39. Connect the wiTECH micro pod II to the 16-way Data Link Connector (DLC). The DLC is located on the driver side lower edge of the instrument panel, near the steering column opening cover and outboard of the steering column.

**WARNING: Failure to follow these instructions may result in possible serious or fatal injury.**

**Service Procedure [Continued]****40. SRS Verification Test procedure:**

**WARNING: Failure to follow these instructions may result in possible serious or fatal injury.**

- a. Open the Power Distribution Center (PDC) cover (Figure 29).
- b. Pull upward on the yellow fuse holder to disconnect the Occupant Restraint Controller (ORC) fuses F85 and F86 which are paired together and located in the under hood PDC (Figure 29).
- c. Check to be certain that nobody is in the vehicle.
- d. Connect the primary battery negative cable clamp with IBS to the primary battery post, tighten the clamp nut to 6 N·m (53 in. lbs.) (Figure 15). If equipped with an auxiliary battery, connect the negative cable clamp to the auxiliary battery post, tighten the clamp nut to 7 N·m (62 in. lbs.) (Figure 16). Connect the IBS connector to the IBS.
- e. Wait two minutes before proceeding.
- f. Cycle the ignition to the “**RUN**” position, then push down on the yellow fuse holder to reconnect the ORC fuses F85 and F86 (Figure 29).
- g. Close the PDC cover (Figure 29).



**Figure 29 – ORC Fuse Location**

**Service Procedure [Continued]**

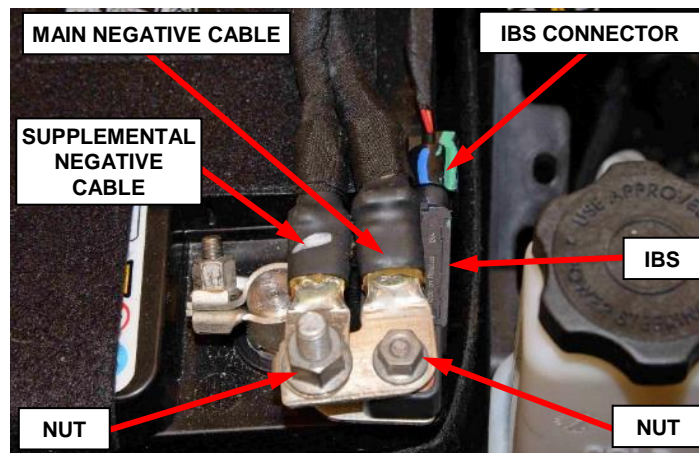
41. Open the wiTECH 2.0 website.
42. Enter your “**User id**” and “**Password**” and your “**Dealer Code**”, then select “**Sign In**” at the bottom of the screen. Click “**Accept**”.
43. Starting at the “**Vehicle Selection**” screen, select the appropriate vehicle and Device Name.
44. From the “**Action Items**” screen, click “**All DTCs**”, select “**Clear All DTCs**”, click “**Continue**” and then click “**Close**”.
45. If DTCs are still stored, cycle the ignition OFF/ON to change DTC status from “**active**” to “**stored**” then clear DTCs again.
46. Close the hood, remove the wiTECH micro pod II.
47. Turn the ignition switch to the “**OFF**” position for about 15 seconds, and then back to the “**RUN**” position. Observe the air bag indicator in the instrument cluster.
  - The air bag indicator in the instrument cluster should illuminate from four to six seconds, and then go out. This indicates that the SRS is functioning normally and that the repairs are complete. Turn the ignition to the “**OFF**” position, remove the wiTECH micro pod II and return the vehicle to the customer.
  - If the air bag indicator fails to light or the light remains ON, there is still an active SRS fault or malfunction. Refer to the appropriate diagnostic information to diagnose the problem.

**Service Procedure [Continued]****C. (JL) Jeep Wrangler and (JT) Jeep Gladiator**

1. Adjust the front seat to its full forward position for easiest access to the front seat belt retractor and the B-pillar trim.
2. Open the hood

3. Disconnect the Intelligent Battery Sensor (IBS) wire harness electrical connector (Figure 30).

4. **If equipped:** Remove the nut for the supplemental battery negative cable and isolate the cable (Figure 30).



**Figure 30 – Battery Ground Terminal and IBS Dual Battery System Shown Others Similar**

5. Remove the nut for the main negative cable and isolate the cable (Figure 30).

**CAUTION: If the battery negative cables are not isolated, it will result in the system still having a battery connection and a potential for deployment of the air bags.**

6. Wait two minutes for the SRS capacitor to discharge before continuing.

**Service Procedure [Continued]**

7. Using a trim stick or equivalent, release the retainer clips and lift the rear portion of the front door opening cowl trim panel (Figure 31).



**Figure 31 – Cowl Trim Panel**

8. **(JT) Gladiator ONLY:** Using a trim stick or equivalent, release the retainer clips and lift the front portion of the rear door opening quarter trim panel (Figure 32).



**Figure 32 – (JT) Gladiator ONLY: Quarter Trim Panel**



**Service Procedure [Continued]**

9. **(JL) 4-Door Wrangler and (JT) Gladiator ONLY:** Using a trim stick or equivalent, remove the B-pillar middle trim panel (Figure 33).

10. **(JL) 4-Door Wrangler and (JT) Gladiator ONLY:** Using a trim stick or equivalent, remove the B-pillar seat belt access cover (Figure 33).



**Figure 33 – (JT) and (JL) 4-Door ONLY: B-Pillar Middle Trim Panel and Seat Belt Access Cover**

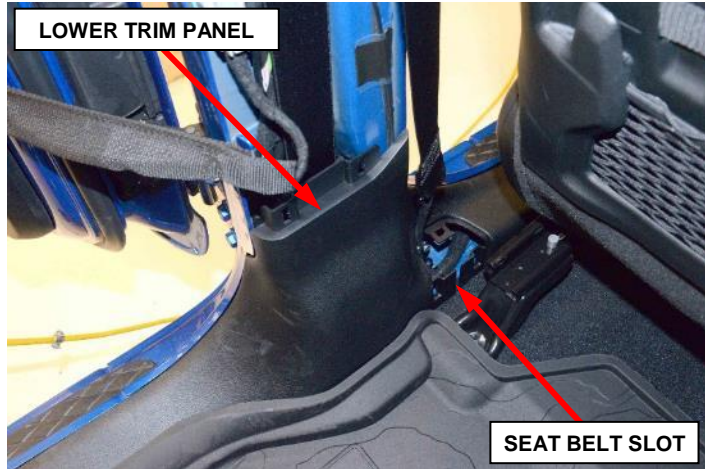
11. **(JL) 2-Door Wrangler ONLY:** Using a trim stick or equivalent, remove the B-pillar seat belt access cover (Figure 34).



**Figure 34 – (JL) 2-Door ONLY: B-Pillar Seat Belt Access Cover**

**Service Procedure [Continued]**

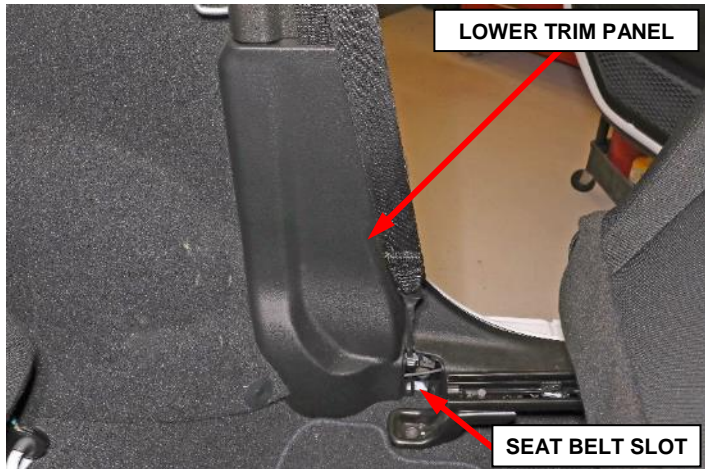
12. **(JL) 4-Door Wrangler and (JT) Gladiator ONLY:** Using a trim stick or equivalent, release the retaining clips and loosen the B-pillar lower trim panel (Figure 35).



**Figure 35 – (JT) and (JL) 4-Door ONLY:  
B-Pillar Lower Trim Panel**

13. **(JL) 4-Door Wrangler and (JT) Gladiator ONLY:** Guide the seat belt webbing through the slot in the trim panel then remove the trim panel (Figure 35).

14. **(JL) 2-Door Wrangler ONLY:** Using a trim stick or equivalent, release the retaining clips and loosen the B-pillar lower trim panel (Figure 36).



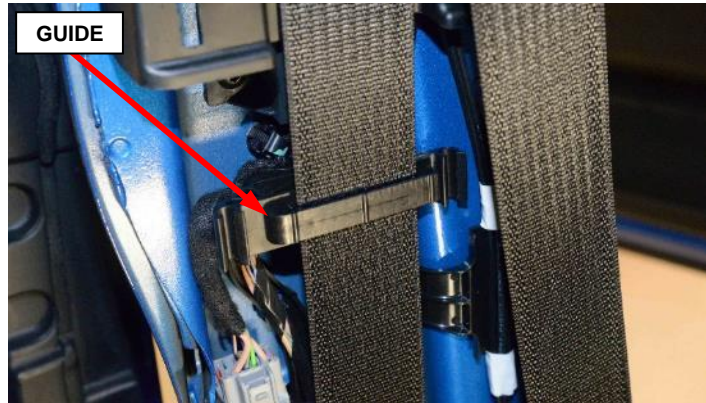
**Figure 36 – (JL) 2-Door ONLY:  
B-Pillar Lower Trim Panel**

15. **(JL) 2-Door Wrangler ONLY:** Guide the seat belt webbing through the slot in the trim panel then remove the trim panel (Figure 36).



**Service Procedure [Continued]**

16. **(JL) 4-Door Wrangler and (JT) Gladiator ONLY:** Release the seat belt webbing guide from the B-pillar (Figure 37).



**Figure 37 – (JT) and (JL) 4-Door ONLY: Seat Belt Webbing Guide**

17. Remove the protective cover from over the nut for the seat belt height adjuster (Figure 38).



**Figure 38 – Seat Belt Height Adjuster Cover**

18. Remove and **SAVE** the nut that secures the seat belt turning loop to the height adjuster (Figure 39).



**Figure 39 – Seat Belt Turning Loop**

19. Remove the seat belt turning loop from the height adjuster (Figure 39).

**Service Procedure [Continued]**

- 20. Disconnect the two wire harness connectors from the retractor and the tensioner (Figure 40).

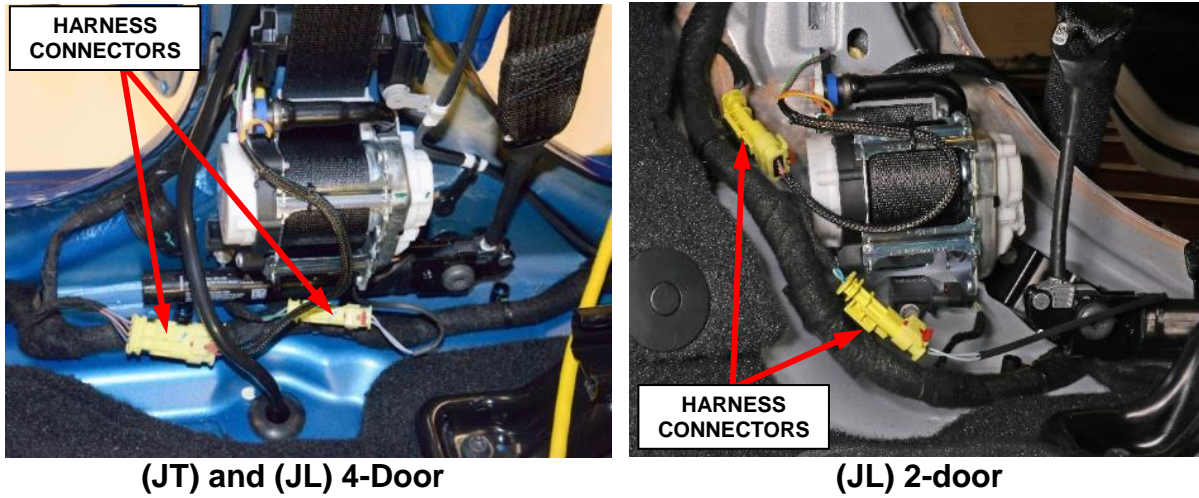


Figure 40 – Wire Harness Connectors

- 21. Remove and **DISCARD** the bolt that secures the retractor to the B-pillar, and remove the bolt that secures the tensioner to the B-pillar (Figure 41).

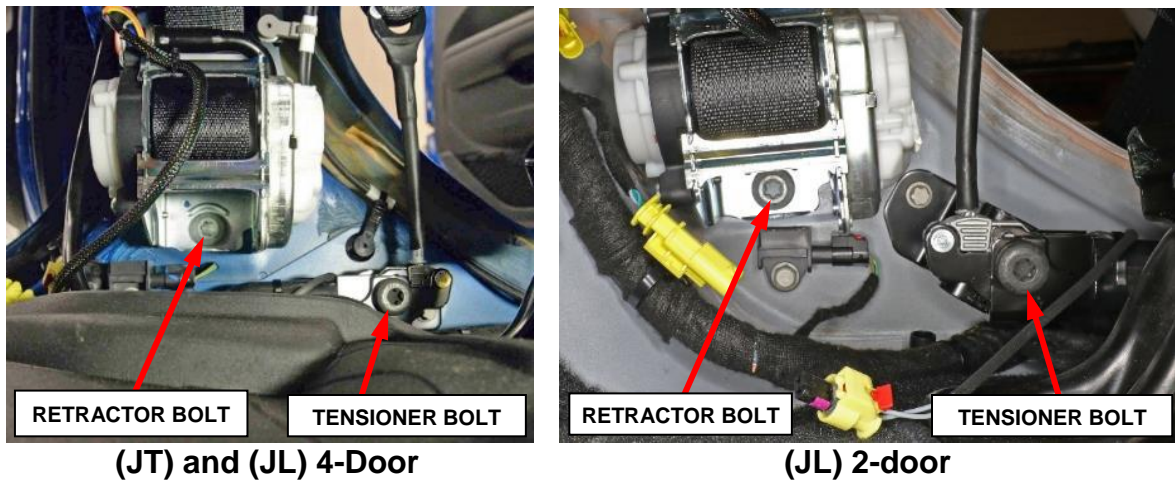
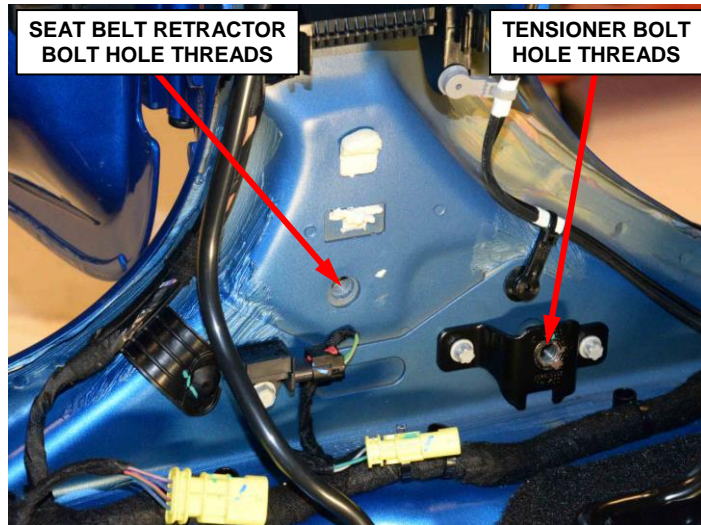


Figure 41 – Seat Belt Retractor and Tensioner

**Service Procedure [Continued]**

22. Lift the retractor assembly upward far enough to disengage the T-tab on the retractor bracket from the notch in the B-pillar.
23. Remove the front seat belt retractor and tensioner from the vehicle as a unit.
24. Render the recalled seat belt retractor unusable and **DISCARD**.

25. Clean the seat belt retractor bolt hole threads in the B-pillar to remove any trace of thread lock material (Figure 42).



**Figure 42 – Clean Bolt Hole Threads**

26. Clean the tensioner bolt hole threads in the tensioner bracket to remove any trace of thread lock material (Figure 42).

27. Position the **NEW** seat belt retractor unit to the B-pillar by engaging the T-tab on the retractor bracket to the notch in the inner B-pillar and align the tensioner with the mounting hole in the B-pillar.

28. Install the **NEW** bolt that secures the retractor to the B-pillar. Tighten the bolt to 45 N·m (33 ft. lbs.) (Figure 41).

**Service Procedure [Continued]**

**NOTE: Be certain that the seat belt webbing between the retractor, the turning loop, and the tensioner is not twisted.**

29. Install the bolt that secures the tensioner to the B-pillar. Tighten the bolt to 45 N·m (33 ft. lbs.). Ensure the tensioner is held securely after tightening. If the tensioner can be rotated easily, increase the torque by as much as additional 9 N·m (7 ft. lbs.) if necessary (Figure 41).
30. Connect the two wire harness connectors to the retractor and the tensioner (Figure 40).
31. Wipe clean the height adjuster turning loop stud threads to remove any loose debris (Figure 39).
32. Position the seat belt turning loop to the height adjuster (Figure 39).

**NOTE: Be certain that the seat belt webbing between the retractor, the turning loop, and tensioner is not twisted.**

33. Reuse and install the nut that secures the turning loop to the height adjuster. Tighten the nut to 45 N·m (33 ft. lbs.) (Figure 39).
34. Install the cover over the nut at the top of the seat belt turning loop (Figure 38).
35. **(JL) 4-Door Wrangler and (JT) Gladiator ONLY:** Install the seat belt webbing guide to the B-pillar (Figure 37).



**Service Procedure [Continued]**

36. Guide the seat belt webbing through the slot in the B-pillar lower trim panel. (JT) and (JL) 4-door (Figure 35) or (JL) 2-door (Figure 36)
37. Position and secure the retaining clips attaching the B-pillar lower trim panel. (JT) and (JL) 4-door (Figure 35) or (JL) 2-door (Figure 36)
38. Position and secure the retaining clips attaching the B-pillar seat belt access cover (JT) and (JL) 4-door (Figure 33) or (JL) 2-door (Figure 34)
39. **(JL) 4-Door Wrangler and (JT) Gladiator ONLY:** Position and secure the retaining clips attaching the B-pillar middle trim panel (Figure 33)
40. **(JT) Gladiator ONLY:** Position and secure the retaining clips attaching the front portion of the rear door opening quarter panel trim (Figure 32).
41. Secure the retaining clips attaching the rear portion of the front door opening cowl trim panel (Figure 31).

**NOTE: The Supplemental Restraint System (SRS) Verification Test procedure should be performed following service of any SRS component.**

**NOTE: During the following SRS test, the battery negative cable remains disconnected and isolated as it was during the component removal and installation procedures. Do not reconnect the negative cable until instructed to do so.**

**NOTE: The wiTECH software is required to be at the latest release level before performing the SRS test.**

42. Connect the wiTECH micro pod II to the 16-way Data Link Connector (DLC). The DLC is located on the driver side lower edge of the instrument panel, near the steering column opening cover and outboard of the steering column.

**Service Procedure [Continued]**43. **SRS Verification Test procedure:**

**WARNING: Failure to follow these instructions may result in possible serious or fatal injury.**

- a. Remove the Power Distribution Center (PDC) cover (Figure 43).
- b. Remove the Occupant Restraint Controller (ORC) fuses F49 and F63 located in the PDC (Figure 43).
- c. Check to be certain that nobody is in the vehicle.
- d. Connect the battery negative cables to the battery. Tighten the negative cable to IBS nut to 10 N·m (89 in. lbs.) and tighten the Auxiliary Negative Cable to Negative Cable at Battery to 8 N·m (71 in. lbs.) then connect the IBS electrical connector (Figure 30).
- e. Wait two minutes before proceeding.
- f. Cycle the ignition to the “**RUN**” position, then reconnect the ORC fuses F49 and F63 (Figure 43).
- g. Install the PDC cover (Figure 43).

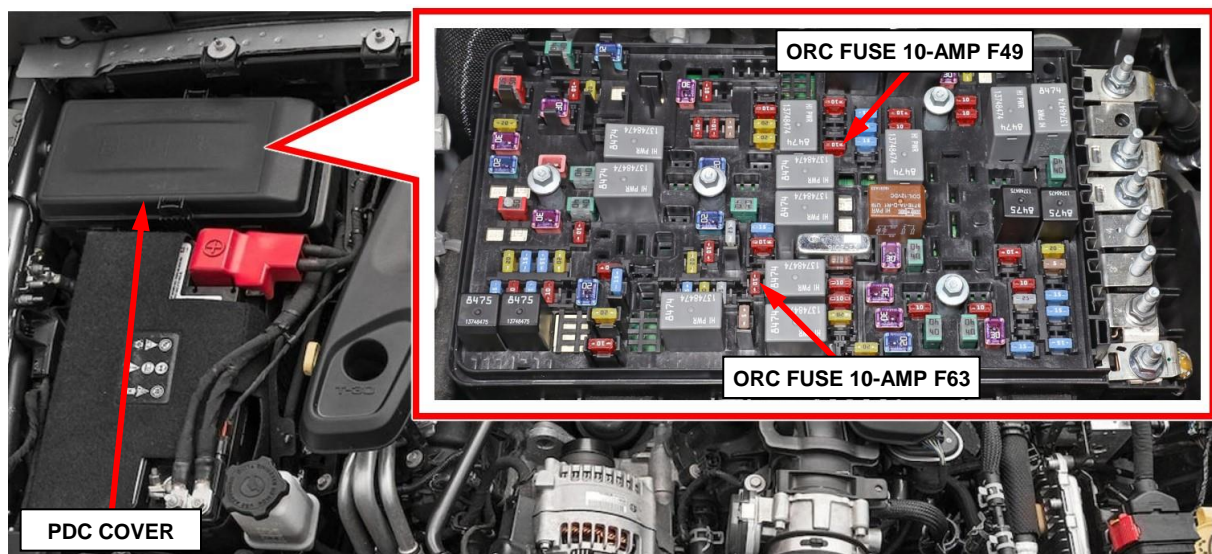


Figure 43 – ORC Fuse Location

**Service Procedure [Continued]**

44. Open the wiTECH 2.0 website.
45. Enter your “**User id**” and “**Password**” and your “**Dealer Code**”, then select “**Sign In**” at the bottom of the screen. Click “**Accept**”.
46. Starting at the “**Vehicle Selection**” screen, select the appropriate vehicle and Device Name.
47. From the “**Action Items**” screen, click “**All DTCs**”, select “**Clear All DTCs**”, click “**Continue**” and then click “**Close**”.
48. If DTCs are still stored, cycle the ignition OFF/ON to change DTC status from “**active**” to “**stored**” then clear DTCs again.
49. Close the hood, remove the wiTECH micro pod II.
50. Cycle the ignition switch to the “**OFF**” position for about 15 seconds, and then back to the “**RUN**” position. Observe the air bag indicator in the instrument cluster.
  - The air bag indicator in the instrument cluster should illuminate from four to six seconds, and then go out. This indicates that the SRS is functioning normally and that the repairs are complete. Cycle the ignition to the “**OFF**” position, remove the wiTECH micro pod II and return the vehicle to the customer.
  - If the air bag indicator fails to light or the light remains ON, there is still an active SRS fault or malfunction. Refer to the appropriate diagnostic information to diagnose the problem.

**Completion Reporting and Reimbursement**

Claims for vehicles that have been serviced must be submitted on the DealerCONNECT Claim Entry Screen located on the Service tab. Claims paid will be used by FCA to record recall service completions and provide dealer payments.

Use one of the following labor operation numbers and time allowances:

	<b>Labor Operation Number</b>	<b>Time Allowance</b>
Replace Seat Belt Retractor (DT and DJ)	23-W6-71-82	0.7 hours
Replace Seat Belt Retractor (JL and JT)	23-W6-71-83	0.6 hours
Floor Plan Reimbursement	95-95-95-97	Calculate See Below

Floor Plan Reimbursement represents the vehicle’s average daily allowance (see table below) multiplied by the number of days the vehicle was in dealer inventory and not available for sale. This reimbursement is limited to the number of days from the date of the stop sale to the date that the remedy was made available. Note: If the vehicle was received by your dealership (KZX date) AFTER the stop sale date, you will use the KZX date instead of the stop sale date. For this Recall, the stop sale was initiated on 10/01/2020 and the remedy was made available on 11/05/2020, therefore, the number of days cannot exceed 35 days.

Vehicle	Average Daily Allowance
<b>2019-2020 (DT) Ram 1500 Pickup</b>	■
<b>2019 (DJ) Ram 2500 Pickup</b>	■
<b>2019 (JL) Jeep Wrangler</b>	■
<b>2020 (JT) Jeep Gladiator</b>	■

Add the cost of the recall parts package plus applicable dealer allowance to your claim.

**NOTE: See the Warranty Administration Manual, Recall Claim Processing Section, for complete recall claim processing instructions.**



## Dealer Notification

To view this notification on DealerCONNECT, select “Global Recall System” on the Service tab, then click on the description of this notification.

## Owner Notification and Service Scheduling

All involved vehicle owners known to FCA are being notified of the service requirement by first class mail. They are requested to schedule appointments for this service with their dealers. A generic copy of the owner letter is attached.

## Vehicle Lists, Global Recall System, VIP and Dealer Follow Up

All involved vehicles have been entered into the DealerCONNECT Global Recall System (GRS) and Vehicle Information Plus (VIP) for dealer inquiry as needed.

GRS provides involved dealers with an updated VIN list of their incomplete vehicles. The owner’s name, address and phone number are listed if known. Completed vehicles are removed from GRS within several days of repair claim submission.

To use this system, click on the “**Service**” tab and then click on “**Global Recall System.**” Your dealer’s VIN list for each recall displayed can be sorted by: those vehicles that were unsold at recall launch, those with a phone number, city, zip code, or VIN sequence.

**Dealers must perform this repair on all unsold vehicles before retail delivery.** Dealers should also use the VIN list to follow up with all owners to schedule appointments for this repair.

*Recall VIN lists may contain confidential, restricted owner name and address information that was obtained from the Department of Motor Vehicles of various states. Use of this information is permitted for this recall only and is strictly prohibited from all other use.*

**Additional Information**

If you have any questions or need assistance in completing this action, please contact your Service and Parts District Manager.

Customer Services / Field Operations  
FCA US LLC

This notice applies to your vehicle,

[Model Year and Model]

VIN XXXXXXXXXXXXXXXXXXXX

W67/NHTSA 20V-580

LOGO

VEHICLE PICTURE

#### YOUR SCHEDULING OPTIONS

- 1. RECOMMENDED OPTION**  
Call your authorized Chrysler / Dodge / Jeep® / RAM Dealership
- 2. Call the FCA Recall Assistance Center at 1-800-853-1403. An agent can confirm part availability and help schedule an appointment**
- 3. Visit recalls.mopar.com, scan the QR code below, or download the Mopar Owner's Companion App.**

QR Code

Get access to recall notifications, locate your nearest dealer, and more through this website or Mopar Owner's Companion App. You will be asked to provide your Vehicle Identification Number (VIN) to protect and verify your identity. The last eight characters of your VIN are provided above.

#### DEALERSHIP INSTRUCTIONS

Please reference Safety Recall W67.

# IMPORTANT SAFETY RECALL

## Front Seat Belt Retractor

Dear [Name],

This notice is sent to you in accordance with the National Traffic and Motor Vehicle Safety Act.

FCA US has decided that a defect, which relates to motor vehicle safety, exists in certain [2019 and 2020 Model Year (DT) Ram 1500 Pickup, 2019 Model Year (DJ) Ram 2500 Pickup, 2019 Model Year (JL) Jeep Wrangler, and 2020 Model Year (JT) Jeep Gladiator] vehicles.

It is extremely important to take steps now to repair your vehicle to ensure the safety of you and your passengers.

#### WHY DOES MY VEHICLE NEED REPAIRS?

The front seat belt retractor on your vehicle <sup>[1]</sup> may have been built with an improperly formed wave disc which has reduced internal friction resulting in reduced energy management capability. **A seat belt retractor with reduced energy management capability may not perform as expected during a crash, which can increase the potential for injury to the occupant.**

#### HOW DO I RESOLVE THIS IMPORTANT SAFETY ISSUE?

FCA US will repair your vehicle <sup>[2]</sup> free of charge (parts and labor). To do this, your dealer will replace the suspect front seat belt retractor. The estimated repair time is less than one hour. In addition, your dealer will require your vehicle for proper check-in, preparation, and check-out during your visit, which may require more time. Your time is important to us, so we recommend that you schedule a service appointment to minimize your inconvenience. Please bring this letter with you to your dealership.

**TO SCHEDULE YOUR FREE REPAIR,  
CALL YOUR CHRYSLER, DODGE, JEEP OR RAM DEALER TODAY**

#### WHAT IF I ALREADY PAID TO HAVE THIS REPAIR COMPLETED?

If you have already experienced this specific condition and have paid to have it repaired, you may visit [www.fcarecallreimbursement.com](http://www.fcarecallreimbursement.com) to submit your reimbursement request online. <sup>[3]</sup> Once we receive and verify the required documents, reimbursement will be sent to you within 60 days. If you have had previous repairs performed and/or already received reimbursement, you may still need to have the recall repair performed.

We apologize for any inconvenience, but are sincerely concerned about your safety. Thank you for your attention to this important matter.

Customer Assistance/Field Operations  
FCA US LLC



**Mr. Mrs. Customer**  
**1234 Main Street**  
**Hometown, MI 48371**

[1] If you no longer own this vehicle, please help us update our records. Call the FCA Recall Assistance Center at 1-800-853-1403 to update your information.

[2] If your dealer fails or is unable to remedy this defect without charge and within a reasonable time, you may submit a written complaint to the Administrator, National Highway Traffic Safety Administration, 1200 New Jersey Ave., S.E., Washington, DC 20590, or you can call the toll-free Vehicle Safety Hotline at 1-888-327-4236 (TTY 1-800-424-9153), or go to [safercar.gov](http://safercar.gov).

[3] You can also mail in your original receipts and proof of payment to the following address for reimbursement consideration: FCA Customer Assistance, P.O. Box 21-8004, Auburn Hills, MI 48321-8007, Attention: Recall Reimbursement.

Note to lessors receiving this recall notice: Federal regulation requires that you forward this recall notice to the lessee within 10 days.