



August 2015

Dealer Service Instructions for:

Safety Recall R13 / NHTSA 15V-222

Clutch Interlock Switch

Models

2006 (TJ) Jeep® Wrangler
(KJ) Jeep® Liberty
(ZB) Dodge Viper

NOTE: This recall applies only to the above vehicles built through September 14, 2006 (MDH 091414).

IMPORTANT: Some of the involved vehicles may be in dealer used vehicle inventory. Dealers should complete this recall service on these vehicles before retail delivery. Dealers should also perform this recall on vehicles in for service. Involved vehicles can be determined by using the VIP inquiry process.

Subject

The clutch interlock switch on about 43,000 of the above vehicles may contain a return spring that fatigues. A fatigued clutch interlock switch return spring could allow the driver to engage the engine starter motor without the clutch pedal being depressed. Engaging the engine starter motor with the transmission in gear and the clutch engaged, could result in unintended vehicle movement and cause a crash without warning.

Repair

The clutch interlock switch must be replaced on all involved vehicles.

Parts Information

<u>Part Number</u>	<u>Description</u>
CBE9R131AA	Switch, Clutch Interlock (TJ Models)
CBE9R132AA	Switch, Clutch Interlock (KJ Models)
CBE9R133AA	Switch, Clutch Interlock (ZB Models)
04641780	Tie Strap (KJ Models)

Parts Return

No parts return required for this campaign.

Special Tools

No special tools are required to perform this service procedure.

Service Procedure

A. Replace Clutch Interlock Switch - TJ

- **For KJ model vehicles**, continue with **Section B. Replace Clutch Interlock Switch – KJ**
- **For ZB model vehicles**, continue with **Section C. Replace Clutch Interlock Switch - ZB**

1. Move the driver seat to the full rearward position.
2. Disconnect the negative battery cable.
3. Remove and save the driver floor mat.
4. Locate the clutch interlock switch electrical connector under the instrument panel near the clutch pedal.
5. Disconnect the clutch interlock switch electrical connector (Figure 1).

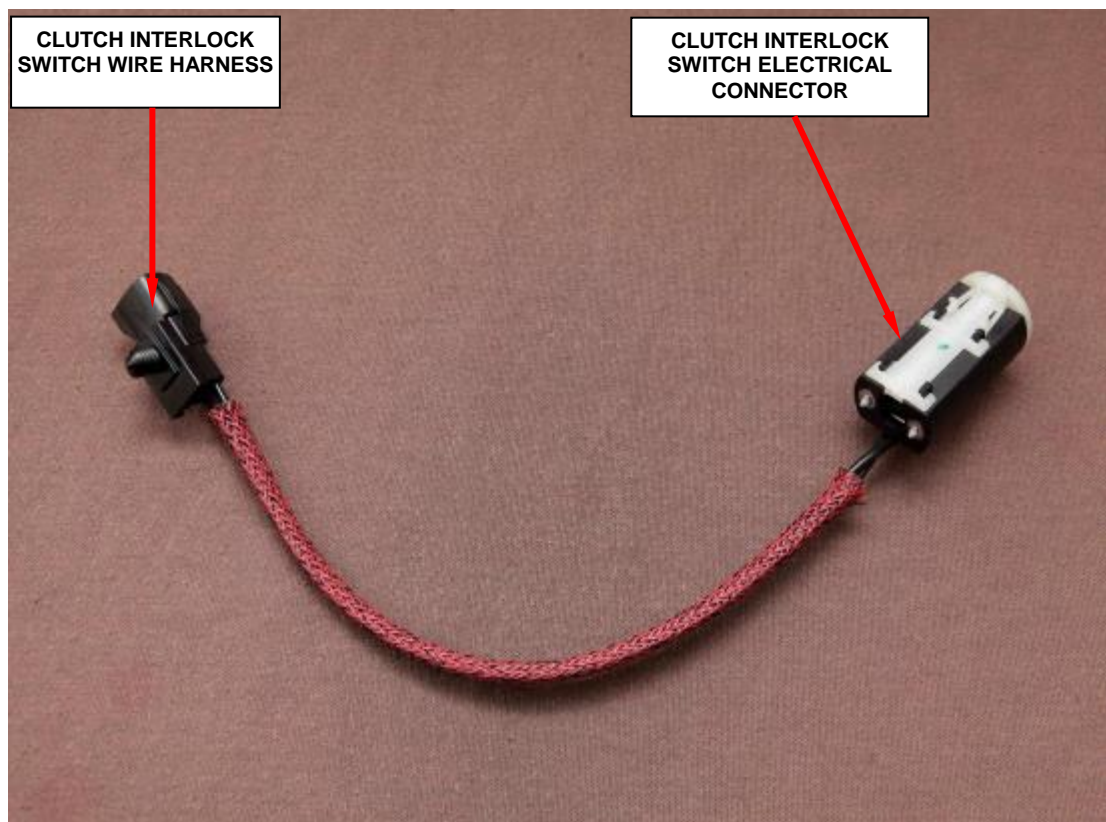


Figure 1 - Clutch Interlock Switch Electrical Connector

Service Procedure (Continued)

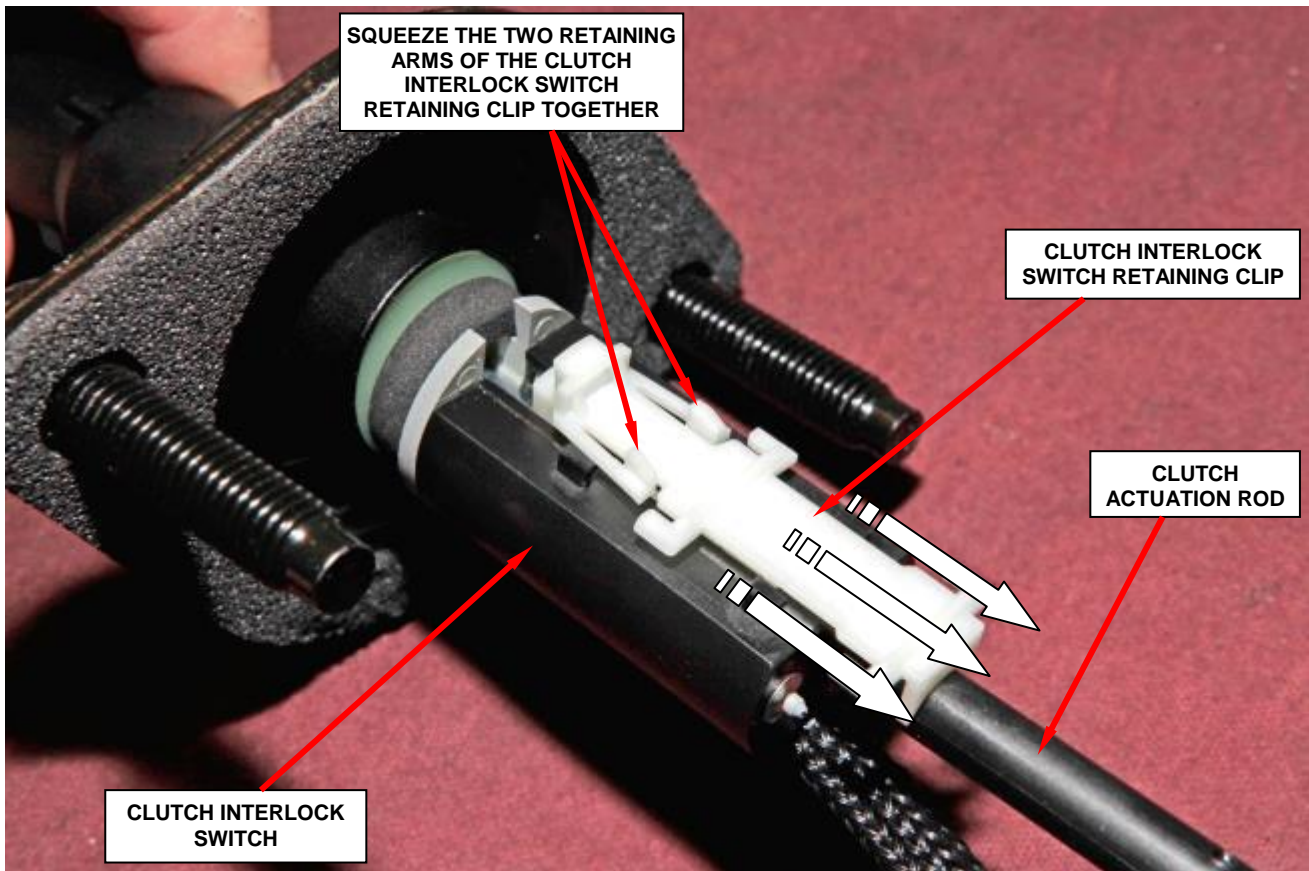


Figure 2 – Clutch Interlock Switch Retaining Clip
(Clutch Master Cylinder Removed for Photographic Purposes Only)

6. Use the following procedure to remove the white clutch interlock switch retaining clip:
 - a. Squeeze the two retaining arms of the clutch interlock switch retaining clip together (Figure 2).
 - b. Slide the clutch interlock switch retaining clip rearward (towards the clutch pedal).
 - c. Remove and discard the clutch interlock switch retaining clip.

Service Procedure (Continued)

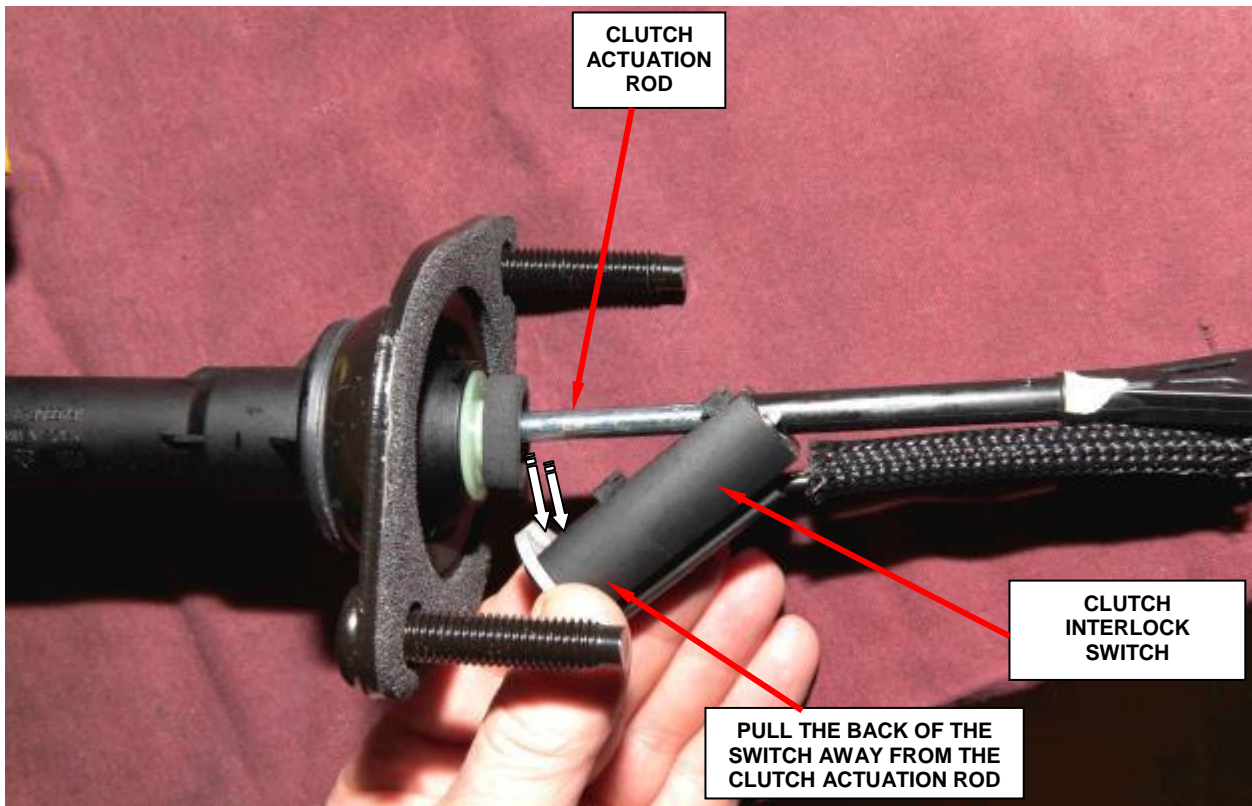


Figure 3 - Clutch interlock Switch Removal
(Clutch Master Cylinder Removed for Photographic Purposes Only)

7. Pull the clutch interlock switch towards the clutch pedal slightly. Then pull the back of the clutch interlock switch outward, away from the clutch actuation rod (Figure 3).

8. Remove and discard the clutch interlock switch.

Service Procedure (Continued)

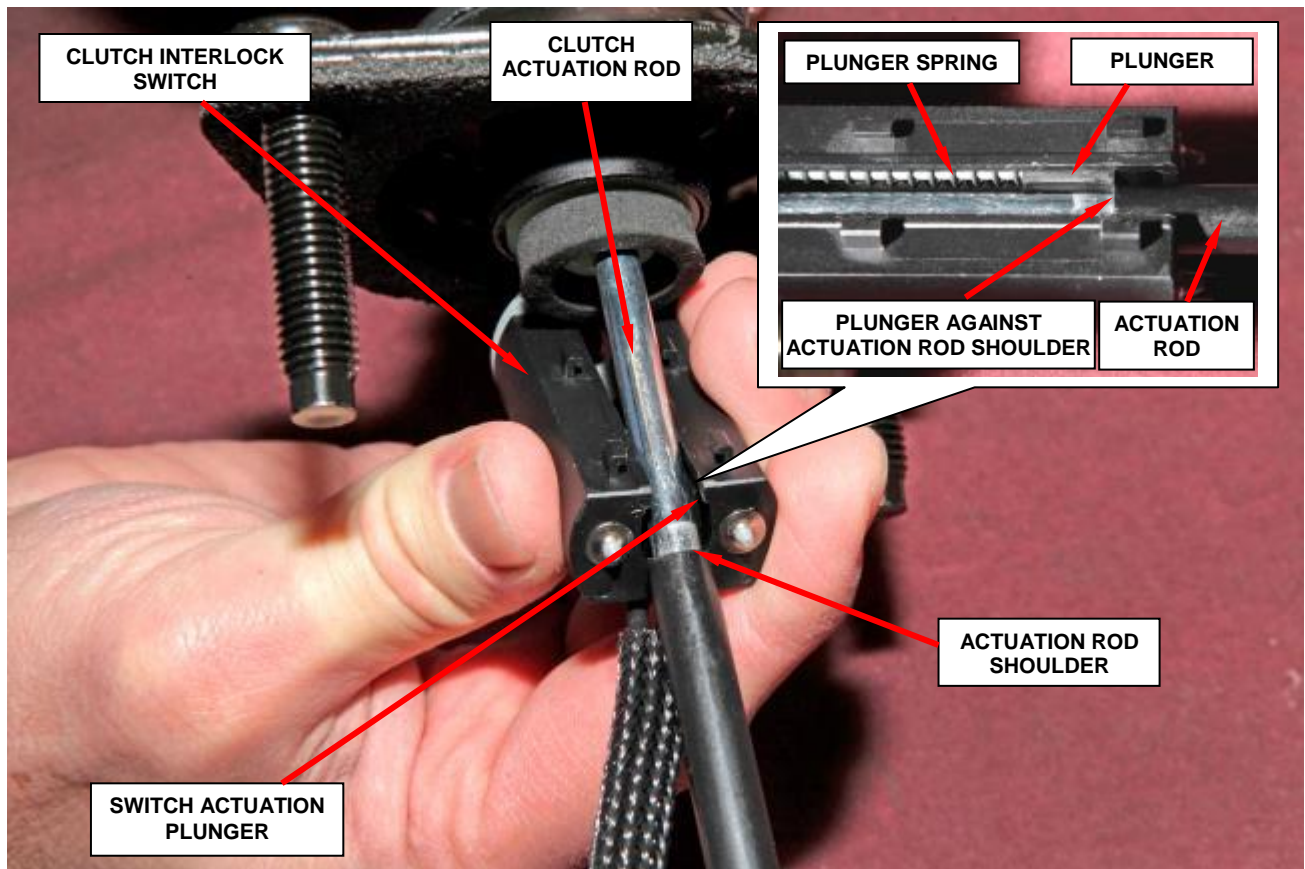


Figure 4 – Clutch Interlock Switch Installation
 (Clutch Master Cylinder Removed for Photographic Purposes Only)

9. Use the following procedure to install the new clutch interlock switch:
 - a. Remove and save the new white clutch interlock switch retaining clip from the new clutch interlock switch.
 - b. Place the new switch against the clutch rod at an angle (Figure 4).

NOTE: Be sure that the spring loaded plunger inside the switch is on the chrome section of the clutch actuation rod.

- c. Slide the clutch pedal interlock up the clutch actuation rod slightly to compress the plunger return springs.

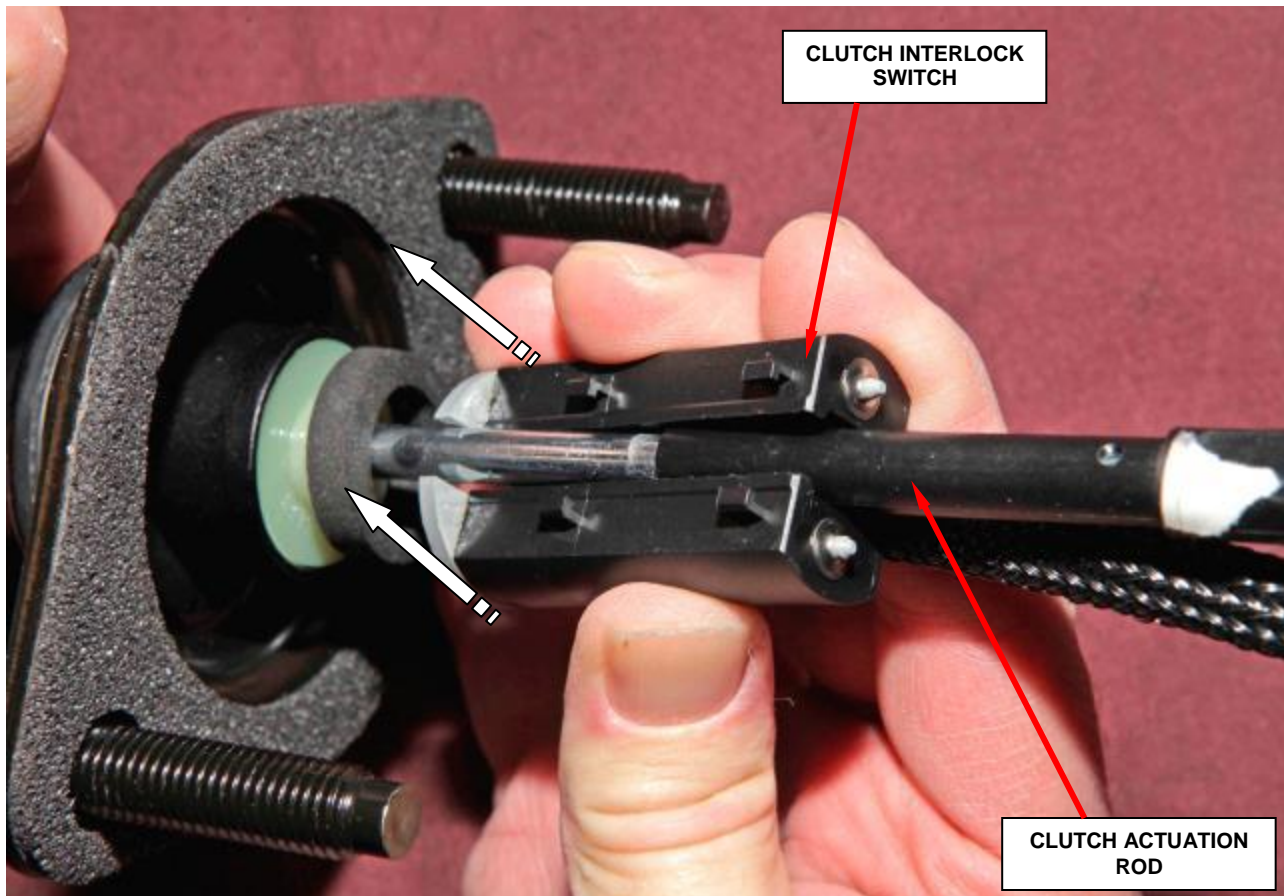
Service Procedure (Continued)

Figure 5 - Clutch Interlock Switch Installation
(Clutch Master Cylinder Removed for Photographic Purposes Only)

- d. Place the back of the clutch interlock switch against the rod. Then push the back of the switch against the clutch actuation rod until an audible click is heard (Figure 5).

CAUTION: Failure to install the switch as described or forcing the switch onto the rod will crack the switch.

10. Install the new white plastic clutch interlock switch retaining clip (Figure 2).
11. Connect the clutch interlock switch electrical connector to the body wire harness electrical connector (Figure 1).

Service Procedure

12. Connect the negative battery cable.
13. Use the following procedure to check clutch interlock switch operation:
 - a. Place the gear shift in the “Neutral” position.
 - b. Apply the service brake.
 - c. Turn the ignition key to the “Start” position. **The engine should not crank.**
 - d. Depress the clutch pedal.
 - e. With the clutch pedal depressed, turn the ignition key to the “Start” position. **The engine should crank.**
14. Install the driver side floor mat.
15. Return the vehicle to the customer.

NOTE: If the engine cranks with the clutch engaged (clutch pedal released), the repair was not done correctly.

Service Procedure (Continued)

B. Replace Clutch Interlock Switch - KJ

1. Move the driver seat to the full rearward position.
2. Disconnect the negative battery cable.
3. Remove and save the driver floor mat.
4. Locate the clutch interlock switch electrical connector under the instrument panel near the clutch pedal.
5. Cut the tie strap that secures the wire harness to the clutch interlock switch and discard the tie strap (Figure 6)

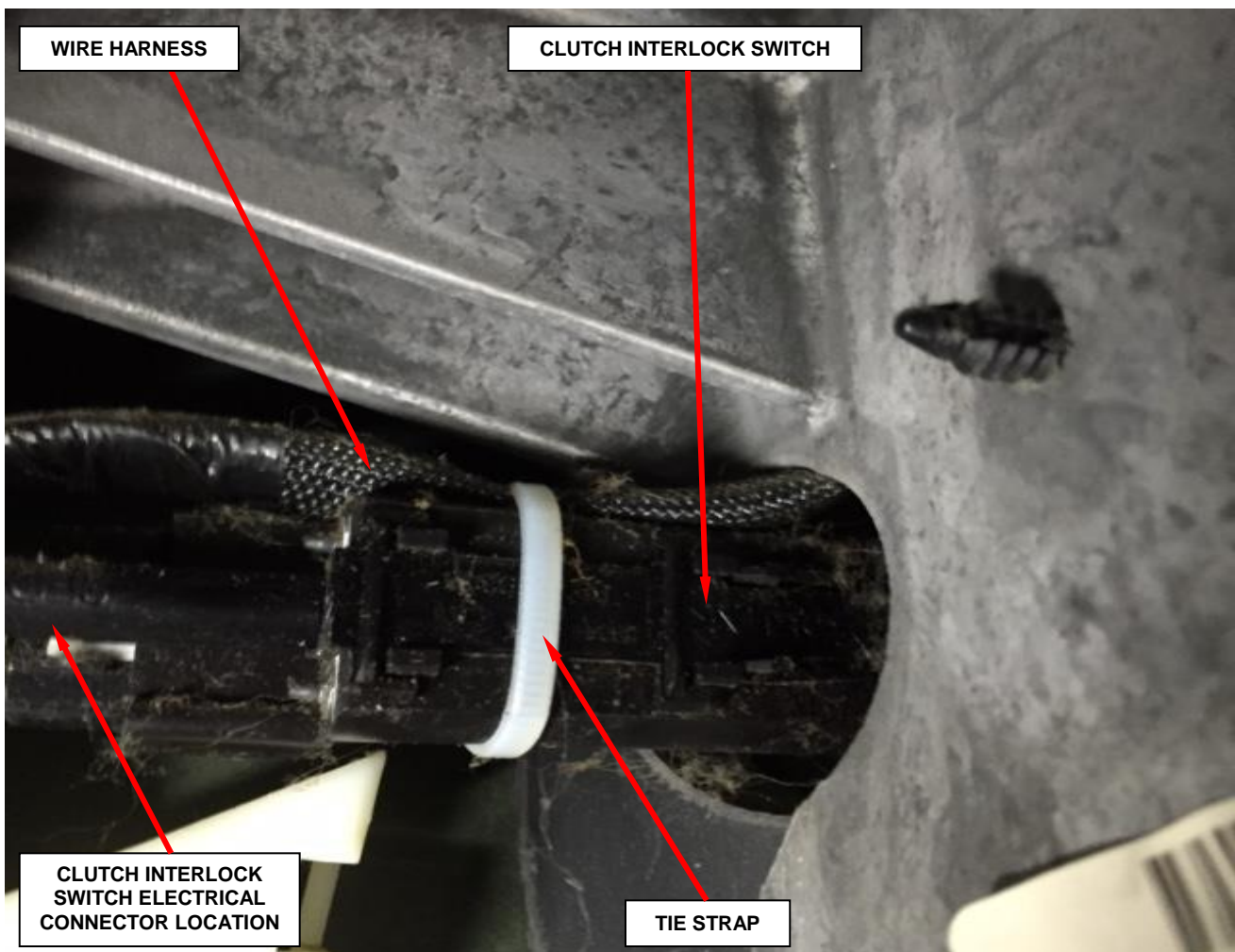


Figure 6 – Clutch interlock Switch

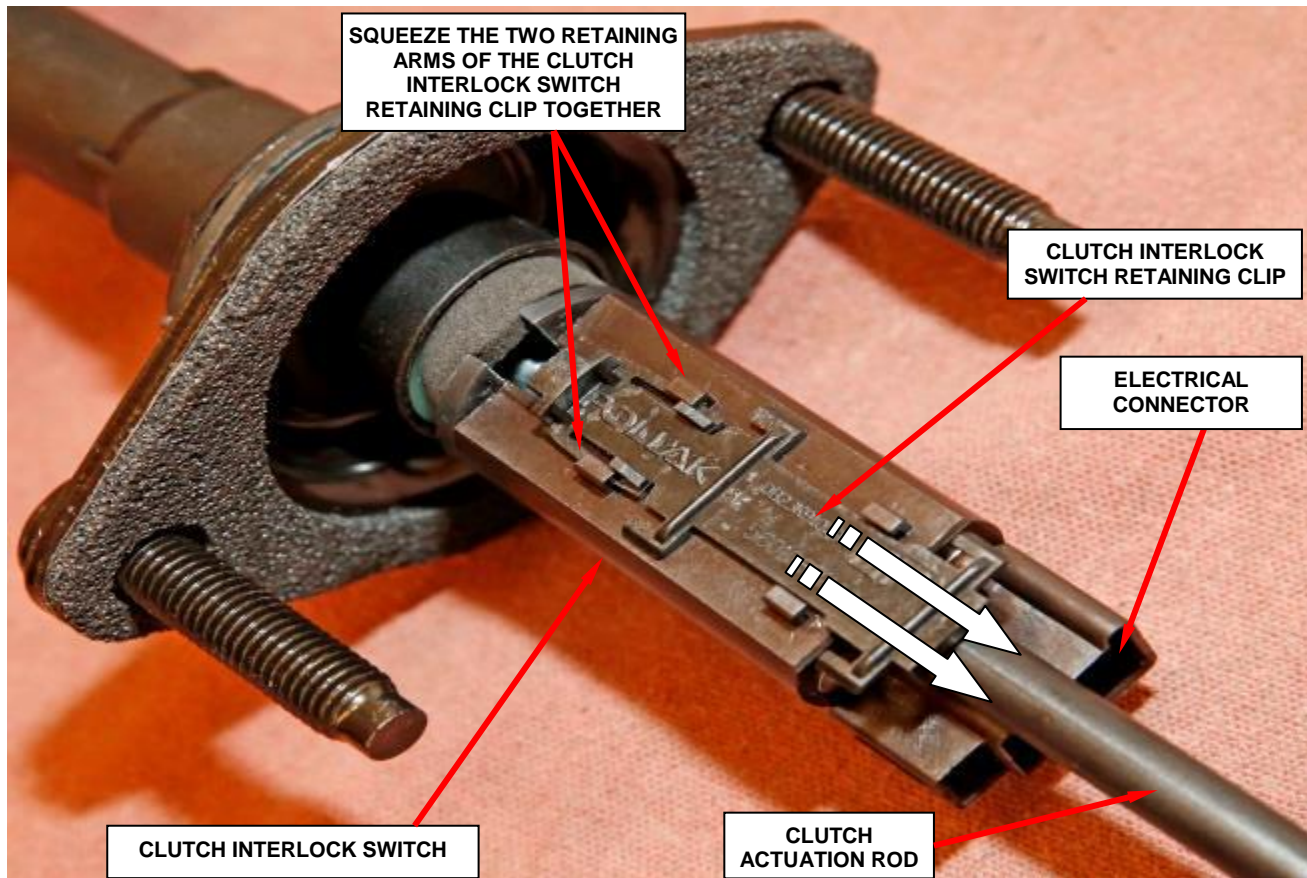
Service Procedure (Continued)

Figure 7 – Clutch Interlock Switch Retaining Clip
(Clutch Master Cylinder Removed for Photographic Purposes Only)

6. Use the following procedure to remove the black clutch interlock switch retaining clip:
 - a. Squeeze the two retaining arms of the clutch interlock switch retaining clip together (Figure 7).
 - b. Slide the clutch interlock switch retaining clip rearward (towards the clutch pedal).
 - c. Remove and discard the clutch interlock switch retaining clip.

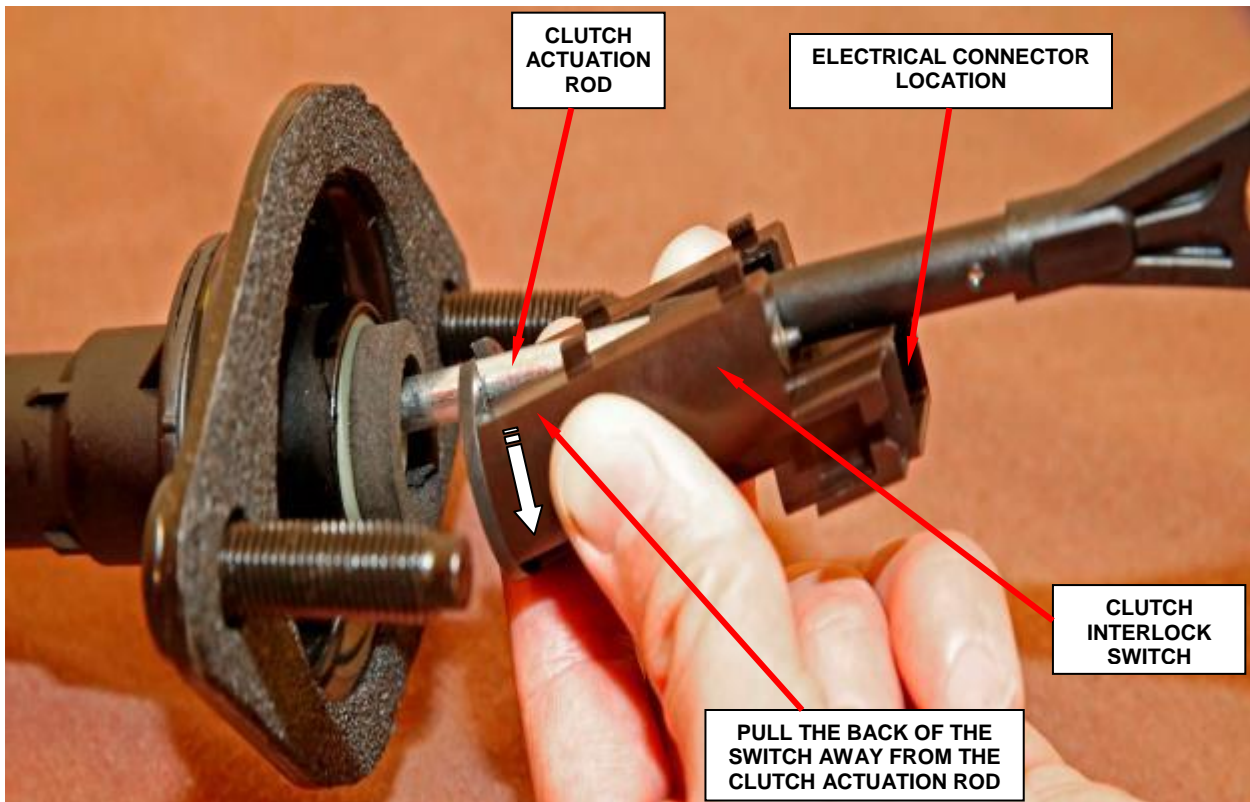
Service Procedure (Continued)

Figure 8 - Clutch Interlock Switch Removal
(Clutch Master Cylinder Removed for Photographic Purposes Only)

7. Pull the switch towards the clutch pedal slightly. Then pull the back of the clutch interlock switch outward, away from the clutch actuation rod (Figure 8).
8. Disconnect the clutch interlock electrical connector (Figure 8).
9. Remove and discard the clutch interlock switch.

Service Procedure (Continued)

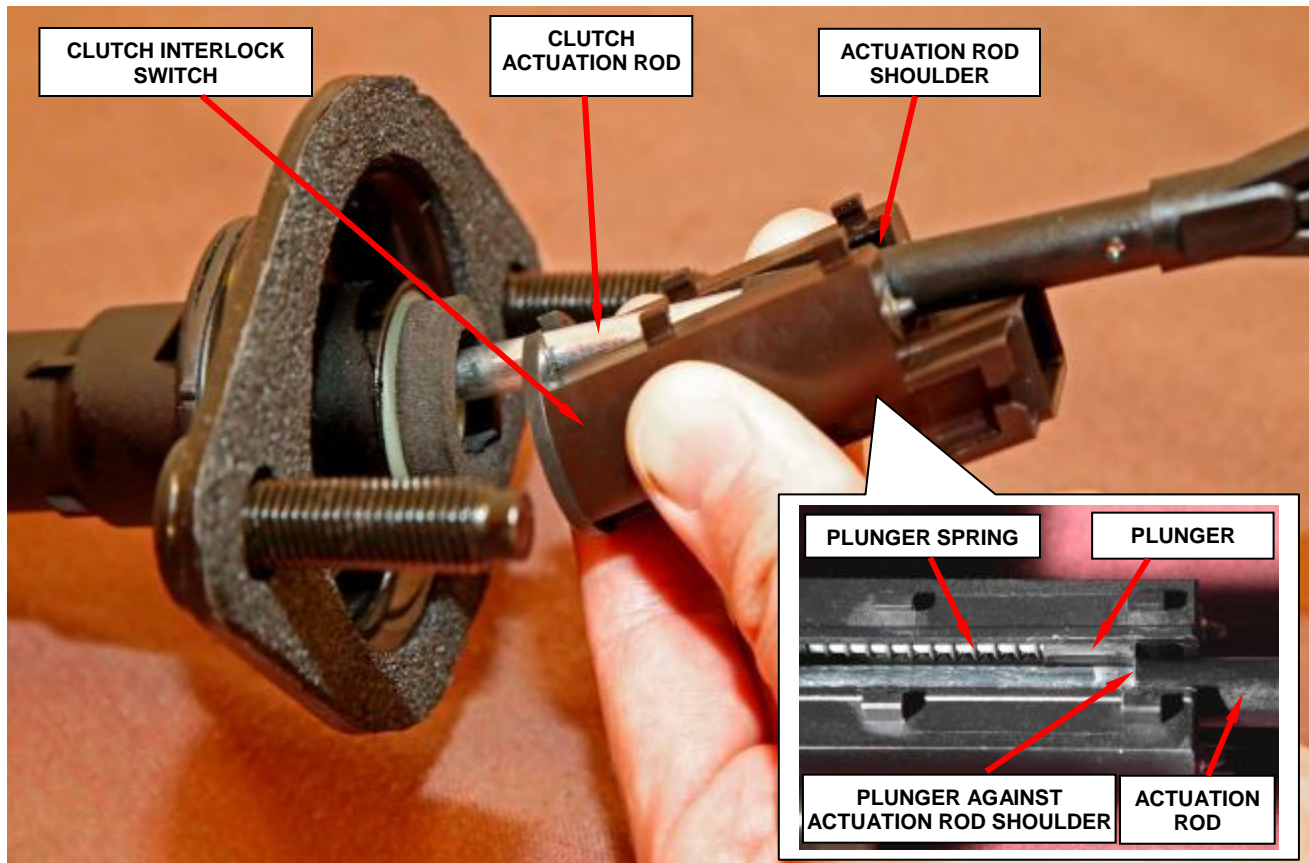


Figure 9 – Clutch Interlock Switch Installation
(Clutch Master Cylinder Removed for Photographic Purposes Only)

10. Use the following procedure to install the new clutch interlock switch:
 - a. Remove and save the new black clutch interlock switch retaining clip from the new clutch pedal position switch.
 - b. Connect the clutch interlock electrical connector (Figure 8).
 - c. Place the new switch against the clutch rod at an angle (Figure 9).

NOTE: Be sure that the spring loaded plunger inside the switch is on the chrome section of the clutch actuation rod.

- d. Slide the clutch interlock switch up the clutch actuation rod slightly to compress the plunger return springs.

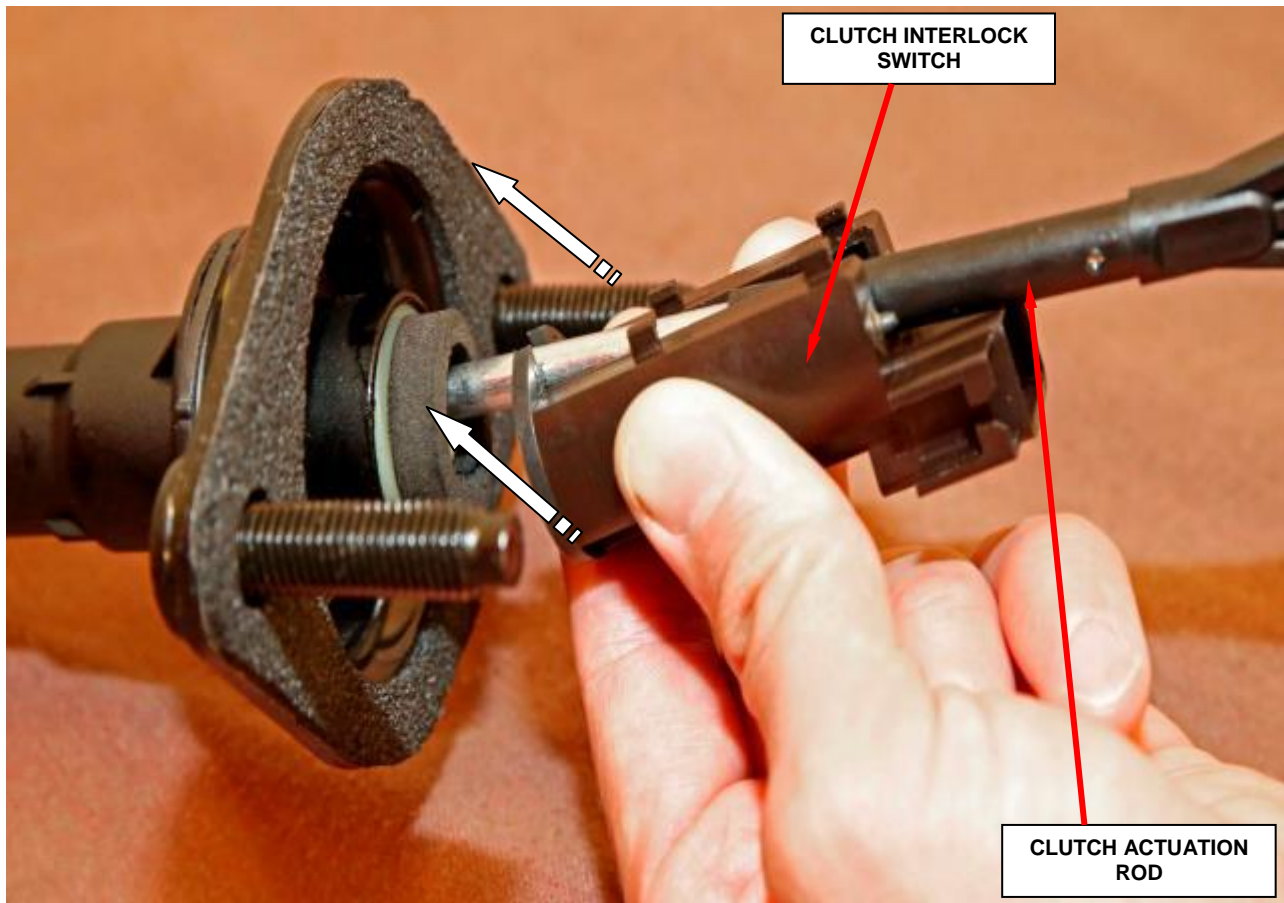
Service Procedure (Continued)

Figure 10 - Clutch Interlock Switch Installation
(Clutch Master Cylinder Removed for Photographic Purposes Only)

- e. Place the back of the clutch interlock switch against the rod. Then push the back of the switch against the clutch actuation rod until an audible click is heard (Figure 10).

CAUTION: Failure to install the switch as described or forcing the switch onto the rod will crack the switch.

11. Install the new black plastic clutch interlock switch retaining clip (Figure 7).
12. Install the new tie strap securing the wire harness to the clutch interlock switch (Figure 6).

Service Procedure

13. Connect the negative battery cable.
14. Use the following procedure to check clutch interlock switch operation:
 - a. Place the gear shift in the “Neutral” position.
 - b. Apply the service brake.
 - c. Turn the ignition key to the “Start” position. **The engine should not crank.**
 - d. Depress the clutch pedal.
 - e. With the clutch pedal depressed, turn the ignition key to the “Start” position. **The engine should crank.**
- NOTE: If the engine cranks with the clutch engaged (clutch pedal released), the repair was not done correctly.**
15. Install the driver side floor mat.
16. Return the vehicle to the customer.

Service Procedure

C. Replace Clutch Interlock Switch - ZB

1. Move the driver seat to the full rearward position.
2. Disconnect the negative battery cable.
3. Remove and save the driver floor mat.
4. Locate the clutch interlock switch electrical connector under the instrument panel near the clutch pedal.
5. Disconnect the clutch interlock switch electrical connector (Figure 11).

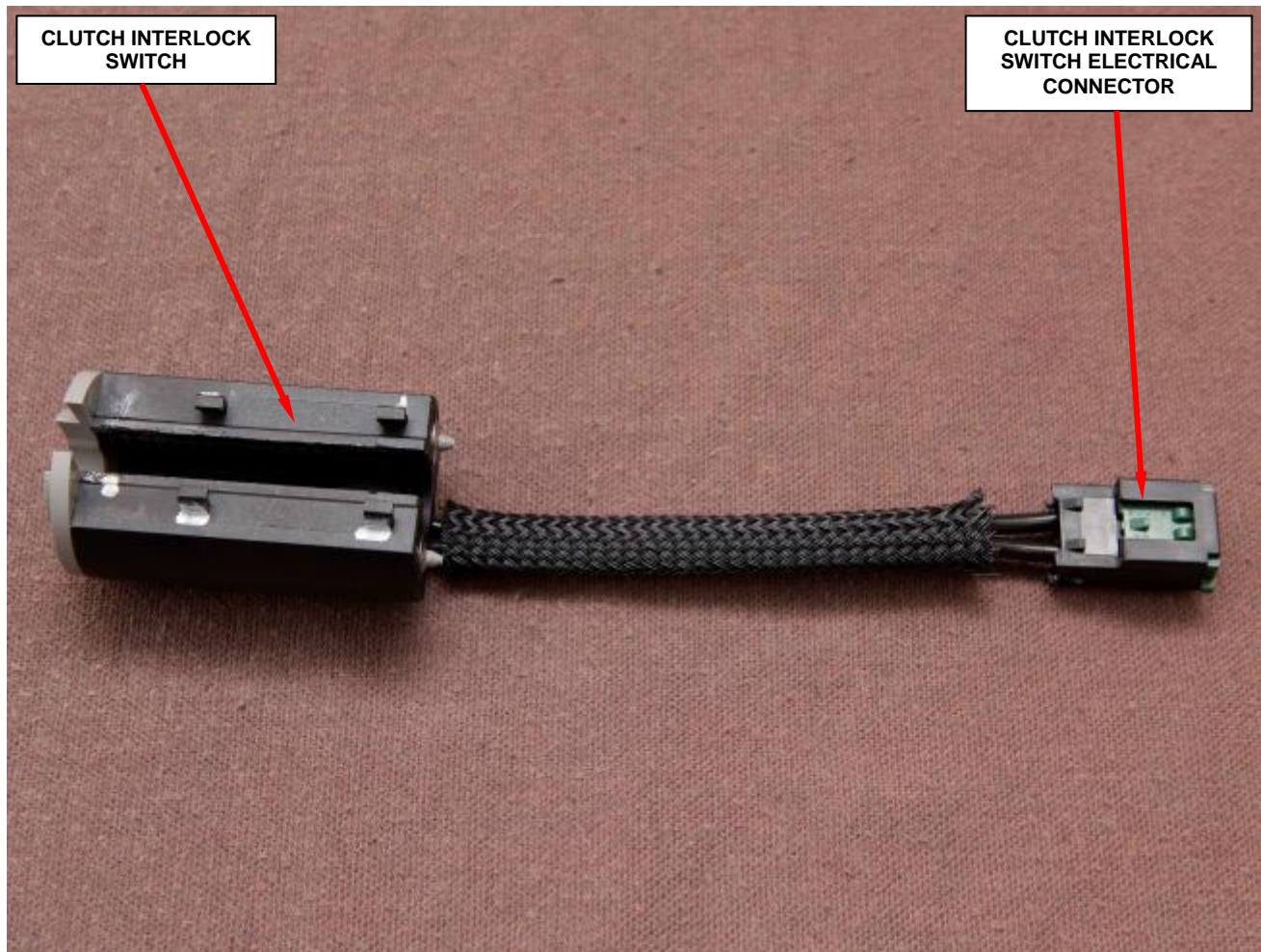


Figure 11 – Clutch Interlock Switch Electrical Connector

Service Procedure (Continued)

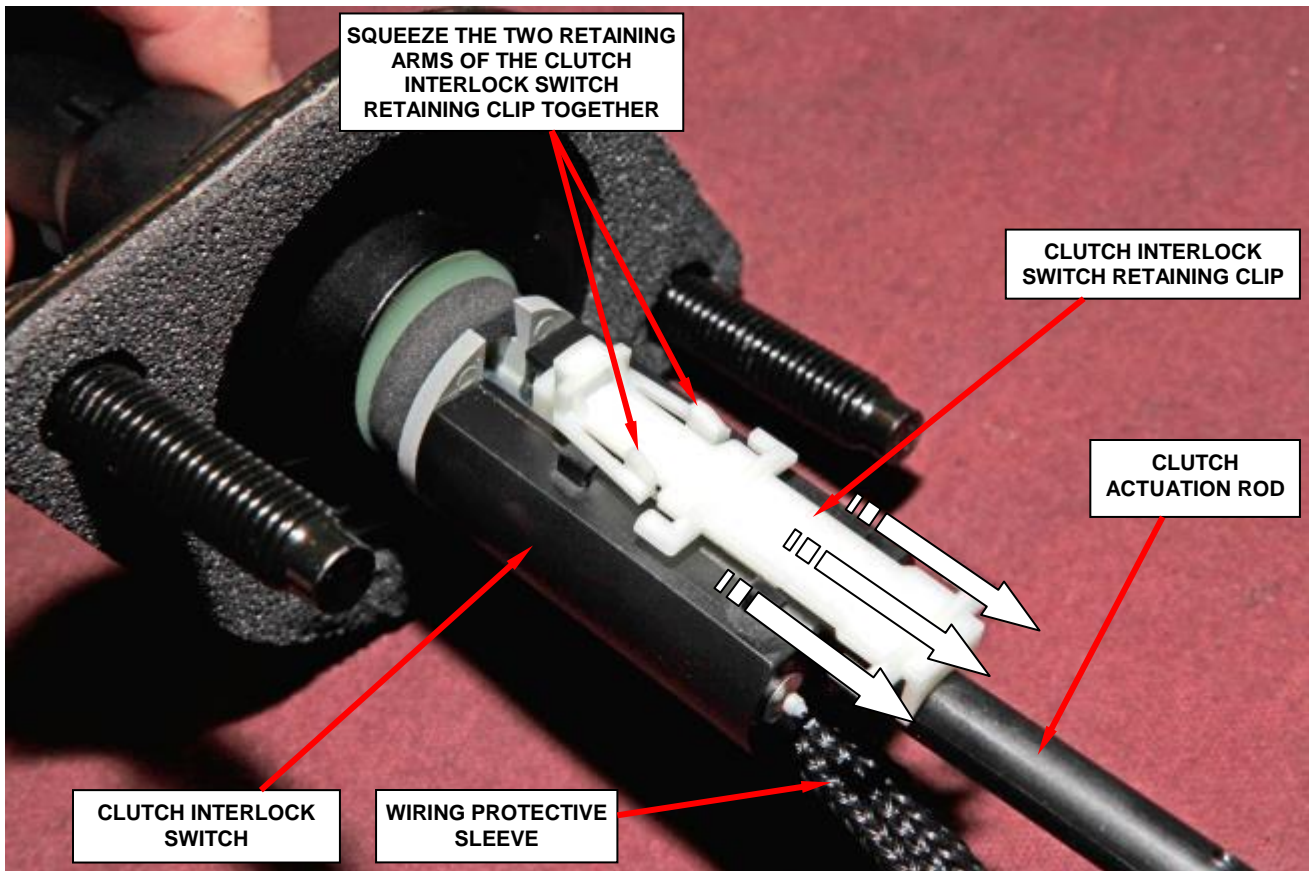


Figure 12 – Clutch Interlock Switch Retaining Clip
 (Clutch Master Cylinder Removed for Photographic Purposes Only)

6. Use the following procedure to remove the white clutch interlock switch retaining clip:
 - a. Squeeze the two retaining arms of the clutch interlock switch retaining clip together (Figure 12).
 - b. Slide the clutch interlock switch retaining clip rearward (towards the clutch pedal).
 - c. Remove and save the clutch interlock switch retaining clip.

NOTE: The clutch interlock switch retaining clip will be reused.

Service Procedure (Continued)

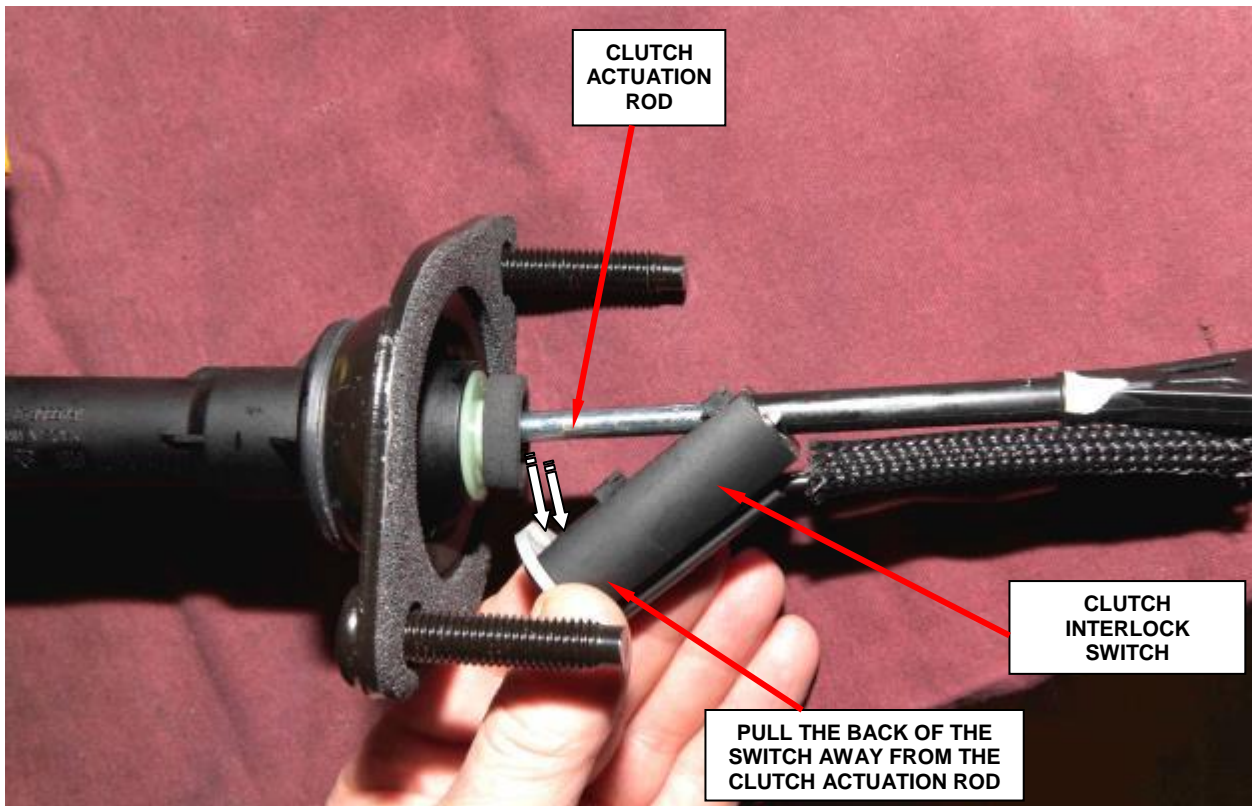


Figure 13 - Clutch Interlock Switch Removal
(Clutch Master Cylinder Removed for Photographic Purposes Only)

7. Pull the switch towards the clutch pedal slightly. Then pull the back of the clutch interlock switch outward, away from the clutch actuation rod (Figure 13).
8. Remove and discard the clutch interlock switch.

Service Procedure (Continued)

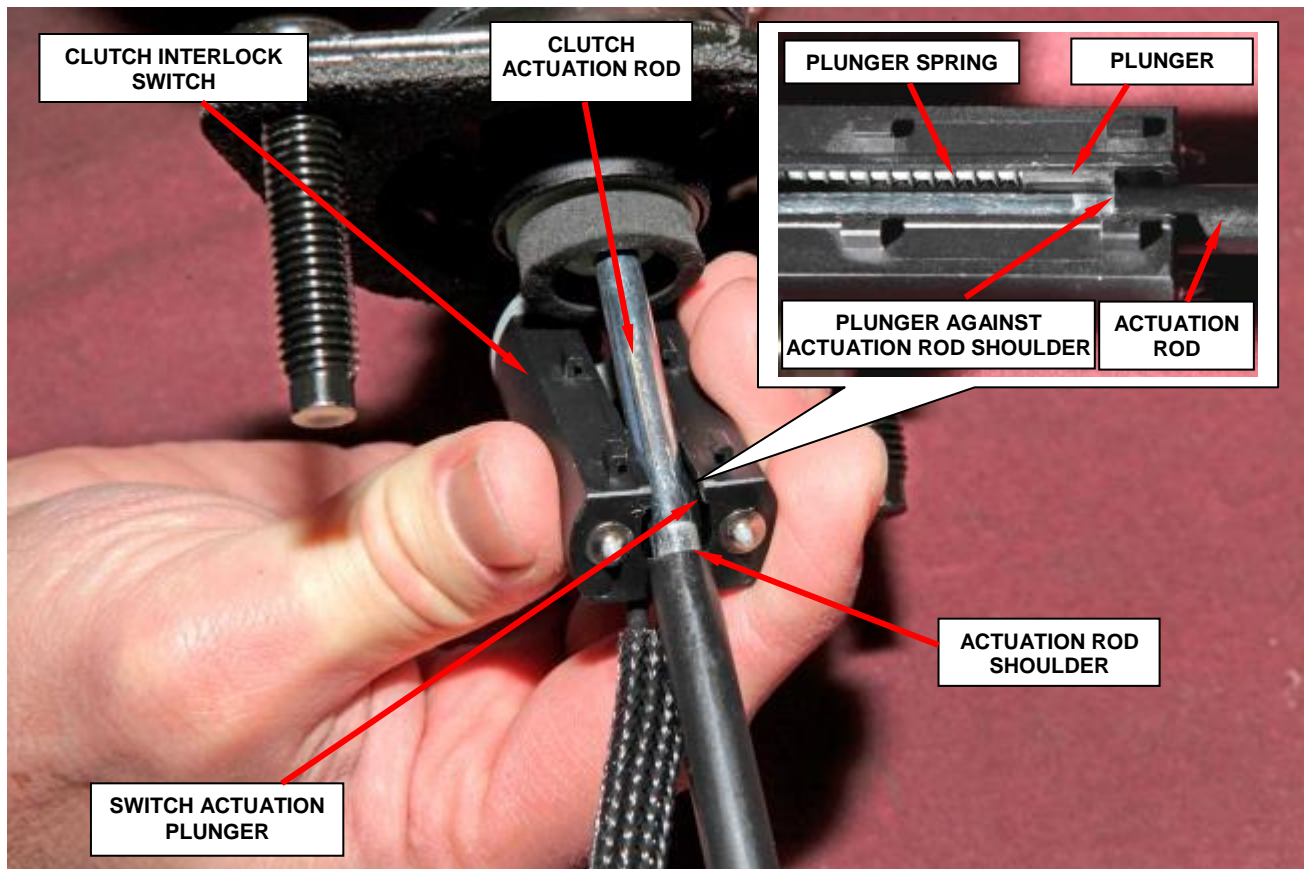


Figure 14 – Clutch Interlock Switch Installation
 (Clutch Master Cylinder Removed for Photographic Purposes Only)

9. Use the following procedure to install the new clutch interlock switch:

a. Place the new switch against the clutch rod at an angle (Figure 14).

NOTE: Be sure that the spring loaded plunger inside the switch is on the chrome section of the clutch actuation rod.

b. Slide the clutch interlock switch up the clutch actuation rod slightly to compress the plunger return springs.

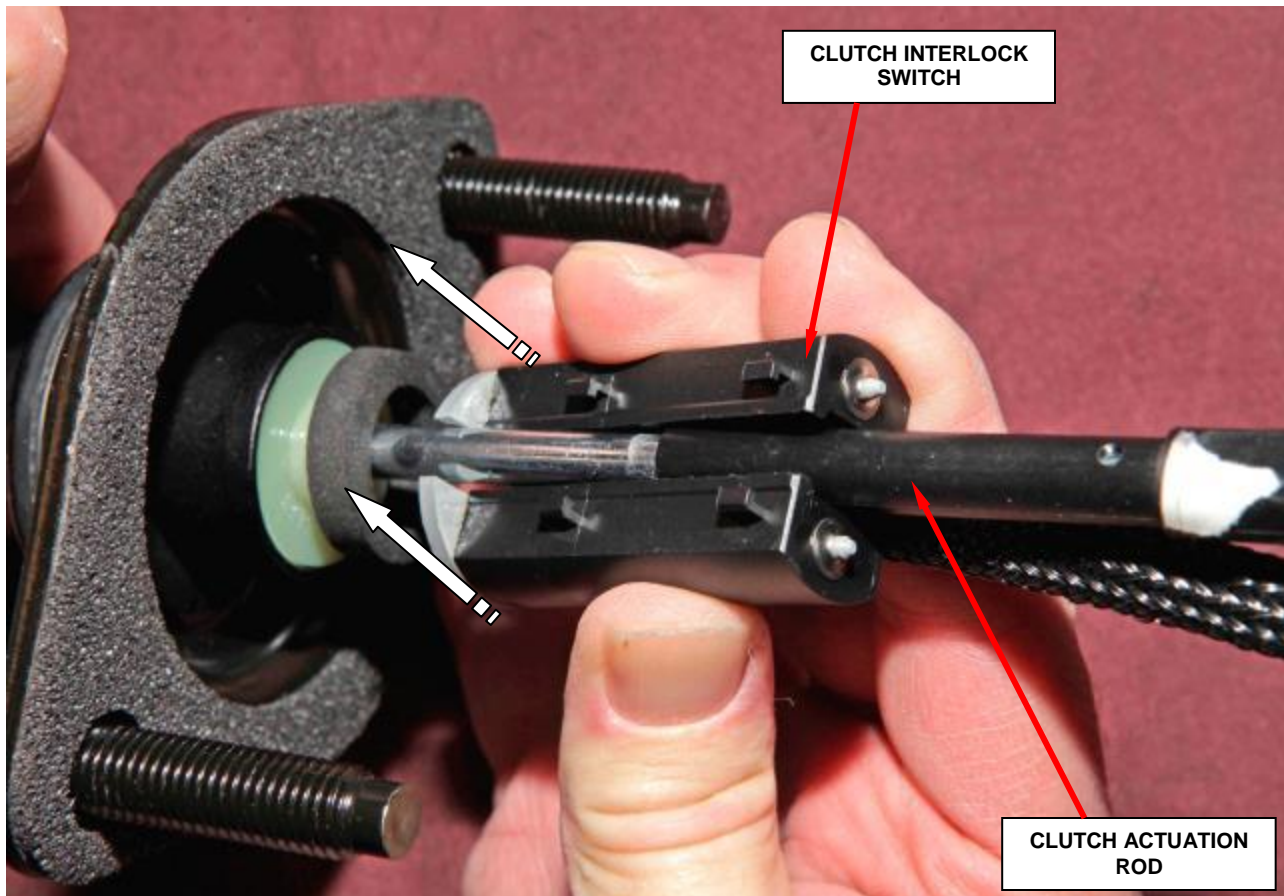
Service Procedure (Continued)

Figure 15 - Clutch Interlock Switch Installation
(Clutch Master Cylinder Removed for Photographic Purposes Only)

- c. Place the back of the clutch interlock switch against the rod. Then push the back of the switch against the clutch actuation rod until an audible click is heard (Figure 15).

CAUTION: Failure to install the switch as described or forcing the switch onto the rod will crack the switch.

11. Install the original white plastic clutch interlock switch retaining clip (Figure 12).
12. Connect the clutch interlock switch electrical connector to the body wire harness electrical connector (Figure 11).
13. Engage the clutch interlock switch red connector lock.

Service Procedure

14. Connect the negative battery cable.
15. Use the following procedure to check clutch interlock switch operation:
 - a. Place the gear shift in the “Neutral” position.
 - b. Apply the service brake.
 - c. Turn the ignition key to the “Start” position. **The engine should not crank.**
 - d. Depress the clutch pedal.
 - e. With the clutch pedal depressed, turn the ignition key to the “Start” position.
The engine should crank.
- NOTE: If the engine cranks with the clutch engaged (clutch pedal released), the repair was not done correctly.**
16. Install the driver side floor mat.
17. Return the vehicle to the customer.

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 submitted 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:

	Labor Operation Number	Time Allowance
Replace clutch interlock switch (TJ)	08-R1-31-82	0.2 hours
Replace clutch interlock switch (KJ)	08-R1-31-83	0.2 hours
Replace clutch interlock switch (ZB)	08-R1-31-84	0.3 hours

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.

Enclosed with each owner letter is an Owner Notification postcard to allow owners to update our records if applicable.

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