

This Service Program replaces program SP 371-051 dated 1.2016.

| Date   | Group      | No.        | Release   | Page |
|--------|------------|------------|-----------|------|
| 4.2016 | <b>371</b> | <b>051</b> | <b>02</b> | 1(7) |

Connector Cavity Plugs  
VAH, VHD, VN

## SP 371-051, Connector Cavity Plugs

(April 2016)

Certain VAH, VHD, and VN trucks built from 08/17/2015 to 10/18/2015 may have front chassis harnesses with improperly installed connector cavity seals. On the connector to the rear chassis extension, FCCE1 and FCCE2, the seals may be installed backwards and allow moisture to enter the connector. If left uncorrected, the moisture will cause corrosion and ultimately a failure of the harnesses. Remove the seals from the connector and re-insert them in the correct direction. Special tools should not be required as the seals will not lock into place when inserted improperly.

### Procedure

You must read and understand the precautions and guidelines in Service Information, Function Group 3, General Safety Practices, Electrical before performing this procedure. If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.

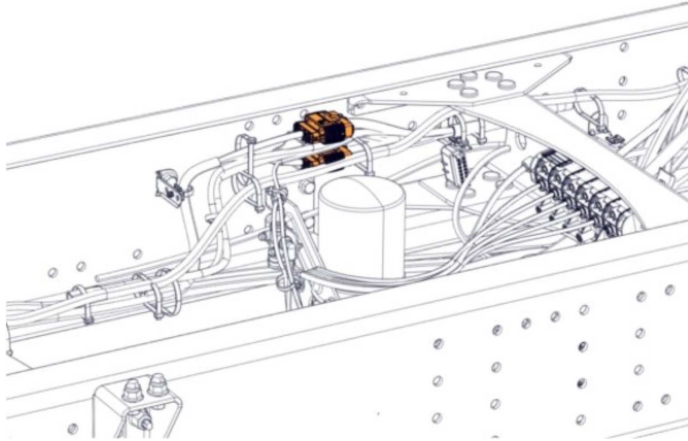


### DANGER

Do not attempt to repair or service this vehicle without having sufficient training, the correct service literature and the proper tools. Failure to follow this could make the vehicle unsafe and lead to serious personal injury or death.

- 1 Secure the vehicle for service by parking it on a flat level surface, applying the parking brake, chocking the rear wheels, and placing the transmission in neutral or park.
- 2 Remove the driver side chassis fairing, if equipped.
- 3 Disconnect all cables from the negative (ground) battery terminals to prevent personal injury from electrical shock and prevent damage to electrical components
- 4 Remove cable ties securing chassis harnesses.

- 5 Disconnect the harness connectors.

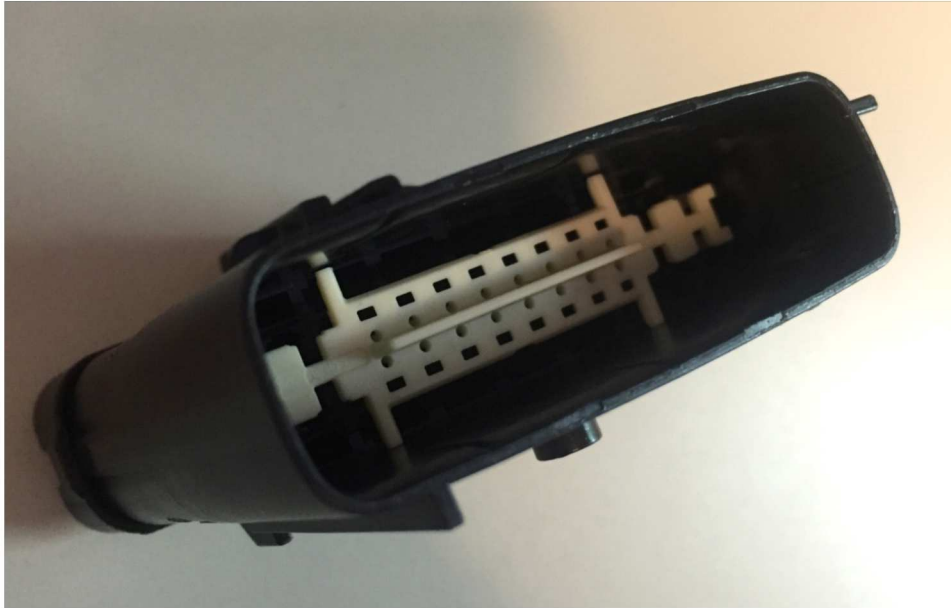


W3111434

6 Inspect for backwards seals.

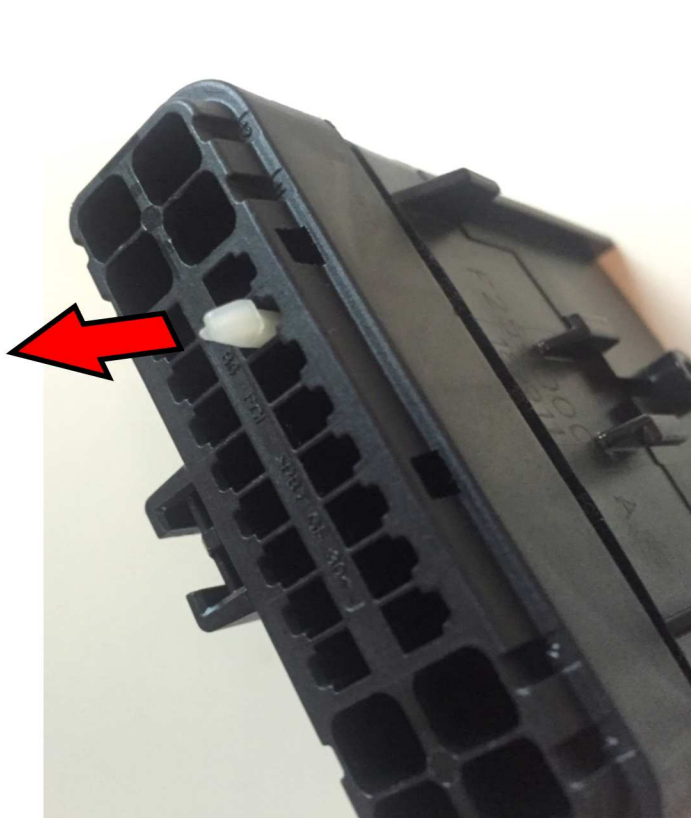
| Incorrect                                                                          | Correct                                                                             |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|  |  |

- 7 Inspect for corrosion inside connectors and clean with electrical contact cleaner as required.



W3109251

8 Remove incorrectly installed seals.



W3109252

9 Install seals.



W3109253

10 Connect harness connectors.

11 Install cable ties to secure harnesses.

12 Connect all previously removed cables to the negative (ground) battery terminals. Tighten to  $20 \pm 2$  Nm ( $15 \pm 1.5$  ft-lb). Install the battery box cover.

13 Install driver side chassis fairing, if equipped.

## Reimbursement

|                                                                                                                                  |                           |                                |
|----------------------------------------------------------------------------------------------------------------------------------|---------------------------|--------------------------------|
| <b>This repair is covered by an authorized Service Program. Reimbursement is obtained via the normal claim handling process.</b> | <b>UCHP Reimbursement</b> | <b>eWarranty Reimbursement</b> |
| <b>Claim Type (used only when uploading from the Dealer Bus. Sys.)</b>                                                           | 41                        | 41                             |
| <b>Recall Status</b>                                                                                                             |                           |                                |
| Vehicle inspected, repair not required                                                                                           |                           | 1- Inspected OK                |
| Vehicle repaired per instruction                                                                                                 |                           | 2- Modified per instruction    |
| <b>Labor Code</b>                                                                                                                |                           |                                |
| Primary Labor Code                                                                                                               | 3711-03-09-02<br>0.6 hrs  | 37139-0-02<br>0.6 hrs          |
| Take to take charge and determine campaign status                                                                                | 1700-16-01-01<br>0.3 hrs  | 17003-0-01<br>0.3 hrs          |
| <b>Causal Part</b>                                                                                                               | 21913822                  | 21913822                       |
| <b>Parts Disposition</b><br>All parts to be scraped locally                                                                      |                           |                                |
| <b>SCC Code</b>                                                                                                                  | S7029                     | NA                             |
| <b>Authorization Number</b>                                                                                                      | NA                        | SP371-051                      |
| <b>Expiration Date</b>                                                                                                           | 31-January-2017           | 31-January-2017                |

**Note:** Take Charge Time is not included in the Labor Code for this operation. Take charge may be eligible but can only be used once per repair visit. If vehicle is having other warranty repairs performed, take charge should be charged to the warranty repair, otherwise take charge can be charged to this service program.