

## Forward Looking Radar – Plug Inspection

**Service Category** Service Department

**Section** Function Group 366

**Technician Skill Level** A

**Market** North America

### Applicability

**VOLVO**

Years	Models
2022	VN

### Introduction

Volvo Trucks has determined that a certain number of trucks shipped-short without the forward looking radar may not have received proper installation of the electrical connectors/cap that protects the electrical harness. To ensure that the electrical harness is properly sealed off and protected for the elements follow the repair below to inspect the connector.

### Production Change Information

This bulletin applies to vehicles built within the specified production changes below.

Brand	Engine	Emission Level	Starting Build Date	Ending Build Date
Volvo	D11, D13	EM-USA17 & EM-USA21	19-June-2021	07-January-2022

### Warranty Information

<b>This repair may be eligible for reimbursement if a product failure was experienced with in time and mileage limits of the applicable Warranty coverage. Reimbursement is obtained via the normal claim handling process.</b>		
Claim Type (used only when uploading from the Dealer Bus. Sys.)		<b>B</b>
<b>Main Labor Code</b>	<b>Description</b>	<b>Hours</b>
1720-16-09-01	Campaign, General (0.1 x 4)	0.4
<b>Causal Part</b>	<b>23792796</b>	
<b>SCC Authorization Code</b>	<b>S7617</b>	
<b>Expiration Date</b>	<b>October 31, 2022</b>	

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### Parts Information

Before ordering parts, inspect truck for electrical connector and plugs to be on the vehicle. Some trucks received the connector and plug but were not properly installed.

Part Numbers	Part Names	Quantity
24202558	Connector/Cap	1 max. (as needed)
22036053	Plugs	10 max. (as needed)

### Required Tools & Equipment

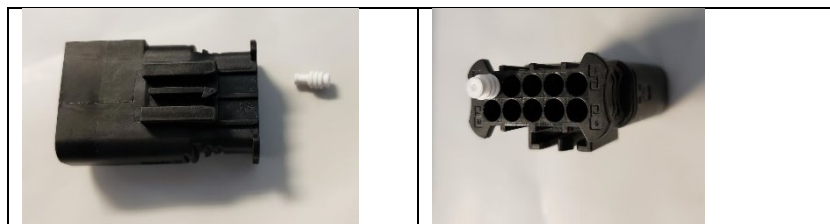
- N/A

### Calibration Information

- N/A

### Repair Procedure

1. Secure the vehicle for service.
2. Inspect forward looking radar electrical connector/cap for proper installation.
  - a. If the electrical cap is missing, adequately clean the wiring harness side connector and spray with anti-corrosion chemical. Order new connector/cap and wire plugs. Proceed to step 3.
  - b. If the electrical cap is installed, procedure to step 3 to inspect & configure the cap.
3. Make sure the cap (P/N 24202558) is configured correctly.
  - a. Ensure that 10 wire plugs (P/N 22036053) are inserted into the back of the connector.



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- b. Looking into the face of the connector, ensure the yellow key is slid to the far left configuration (as seen below) or is completely removed from the cap.



4. Install the recently configured connector/cap onto the chassis side wiring harness connector. Ensure the locking tabs are properly engaged to securely hold the cap in place.
5. Secure wiring harness and connector to prevent damage.
6. Release the vehicle for service.