Air Compressor Signal Routing

M-561-004

(December 2022)

Valid for

All Mack Trucks built with an 11 or 13L Engine, built before 21st of November, 2022.

Case description

Certain Mack Trucks built with the 11 or 13L engine could experience rubbing of the air compressor signal line and the electrical harness. A new air compressor signal line, fitting and 90° elbow has been designed to improve the routing of the signal line and eliminate chafing. If chafing is found on the air compressor signal line due to contact with other components follow this method to replace the fitting, elbow and route signal line away from any other components.

Parts

Part Number	Part description	Quantity
992247	Fitting	1
992277	Elbow	1

Repair procedure

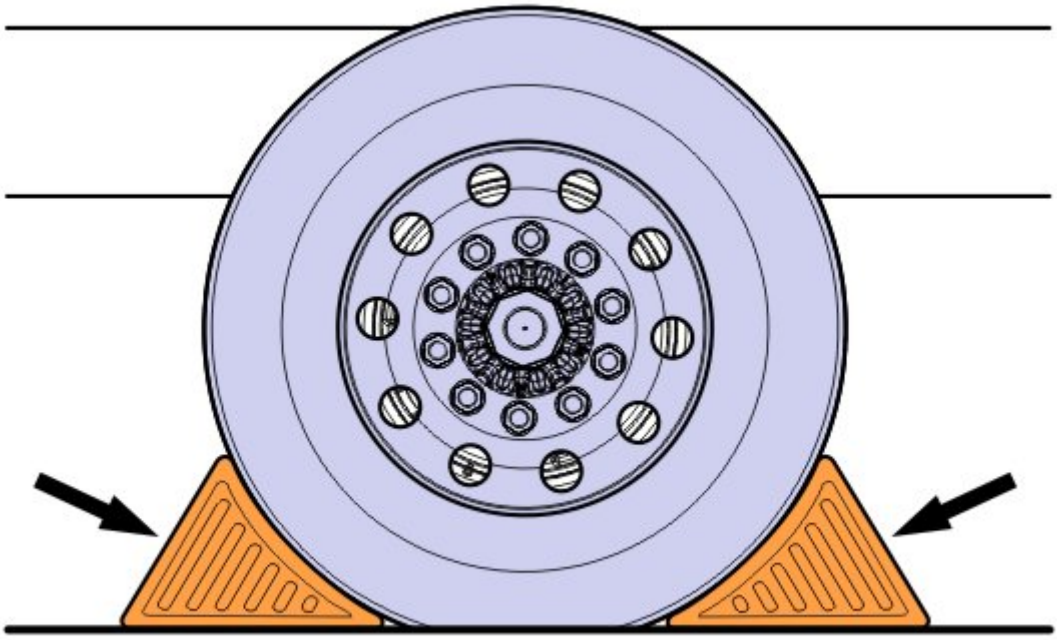
Caution

Service Information Advisory.

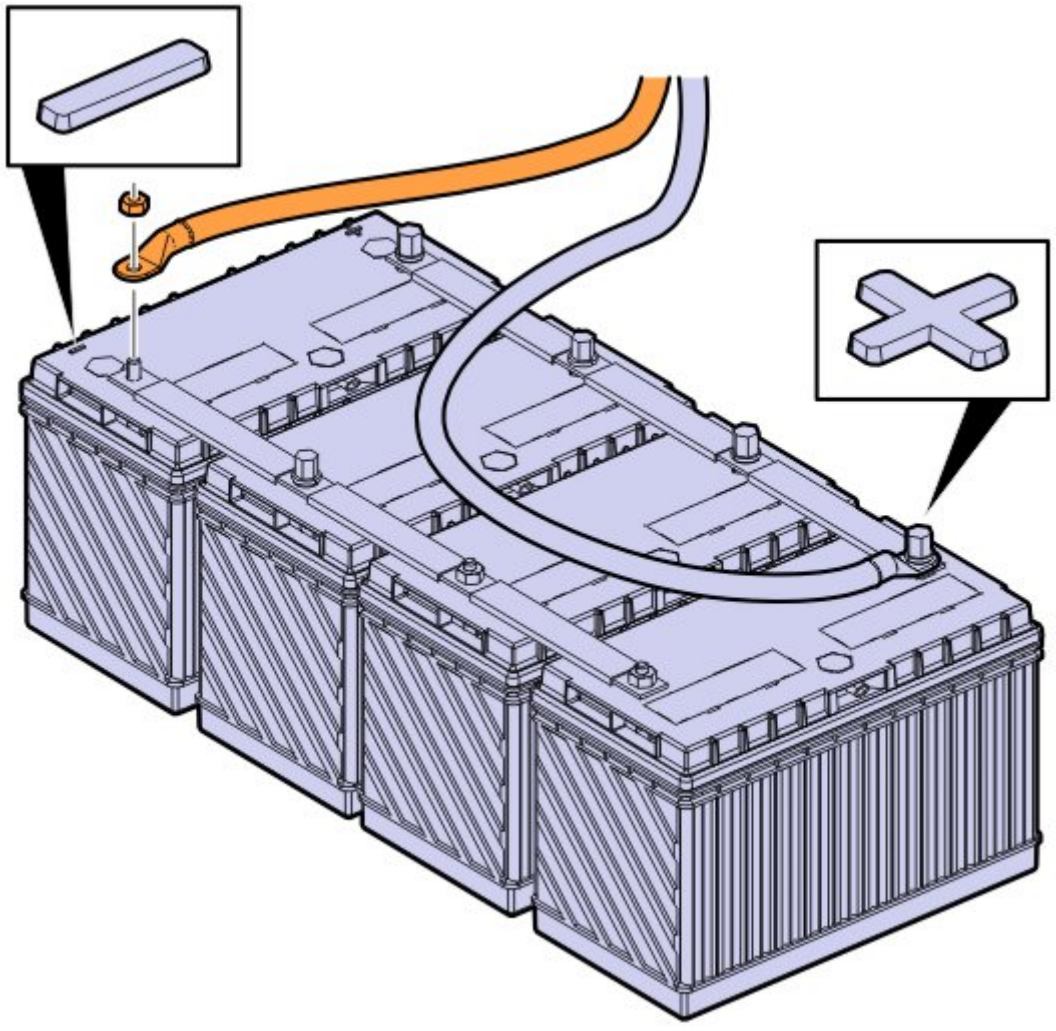
If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.

You must read and understand the precautions and guidelines in Service Information, group 50, "General Safety Practices, Brakes and Air Systems" before performing any procedure. If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.

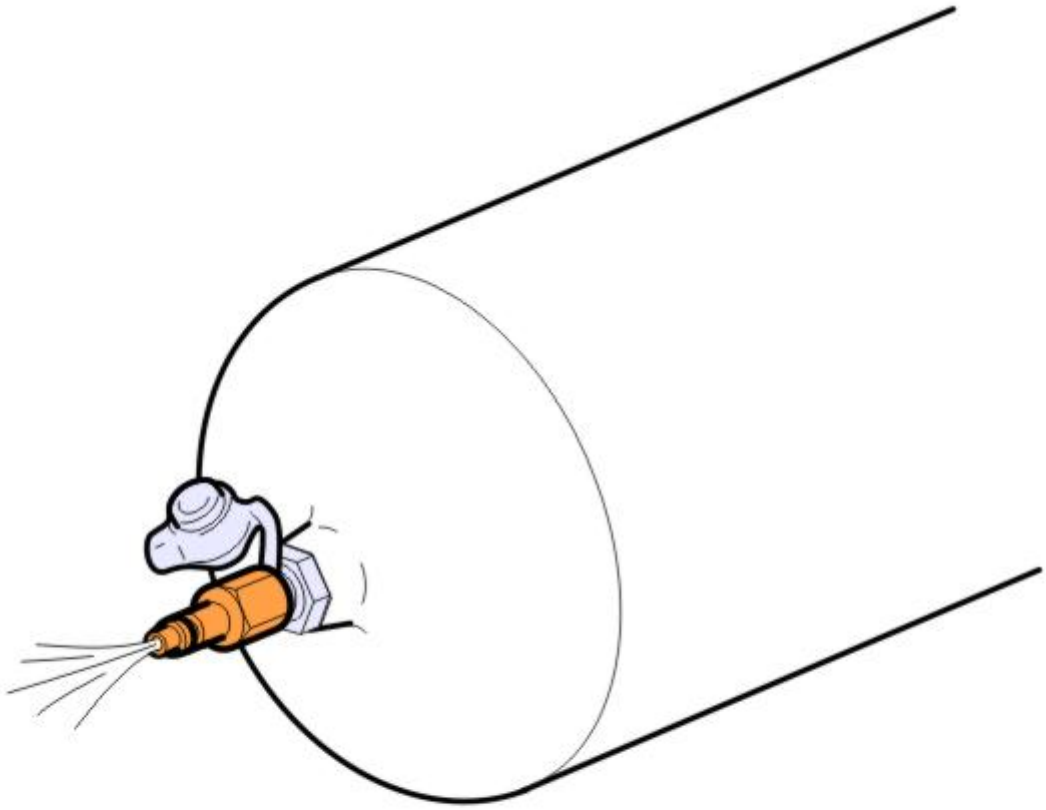
1. Park the vehicle on a level surface.
2. Apply the parking brake.
3. Place the transmission in neutral or park.
4. Install the wheel chocks.



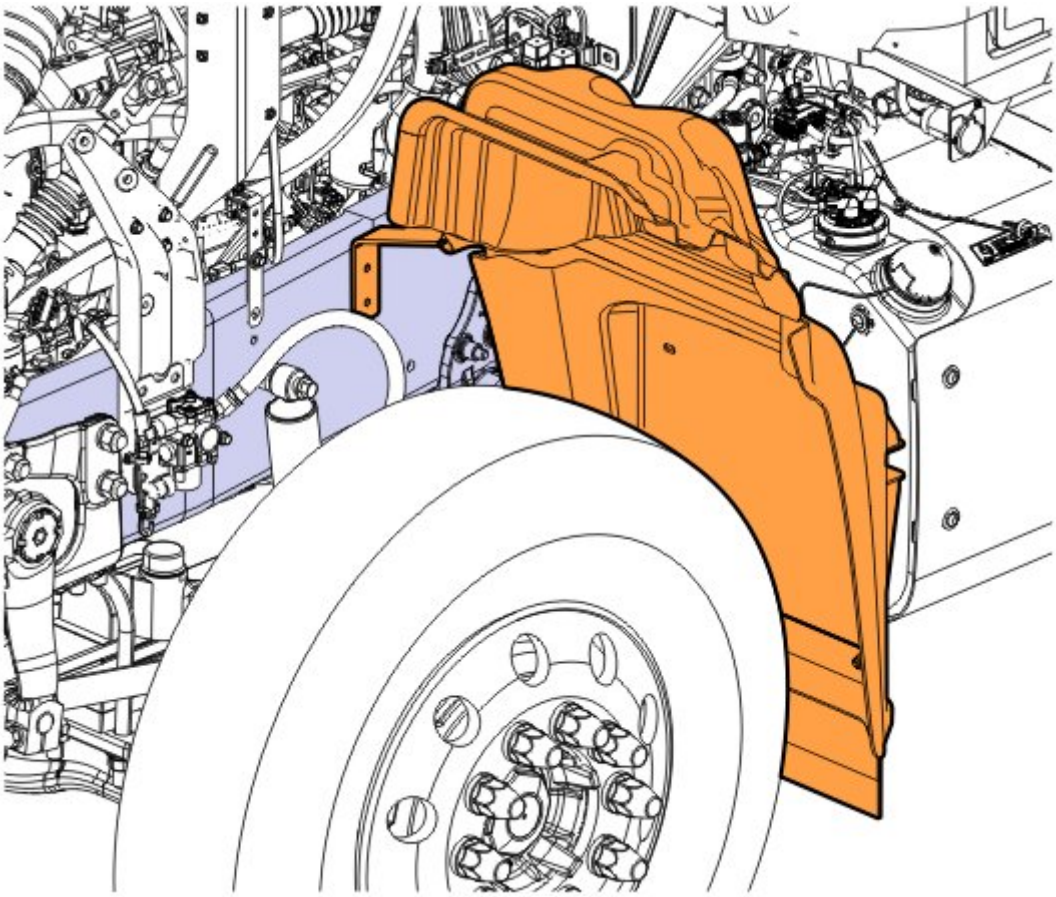
5. Disconnect the cable from the negative terminal.



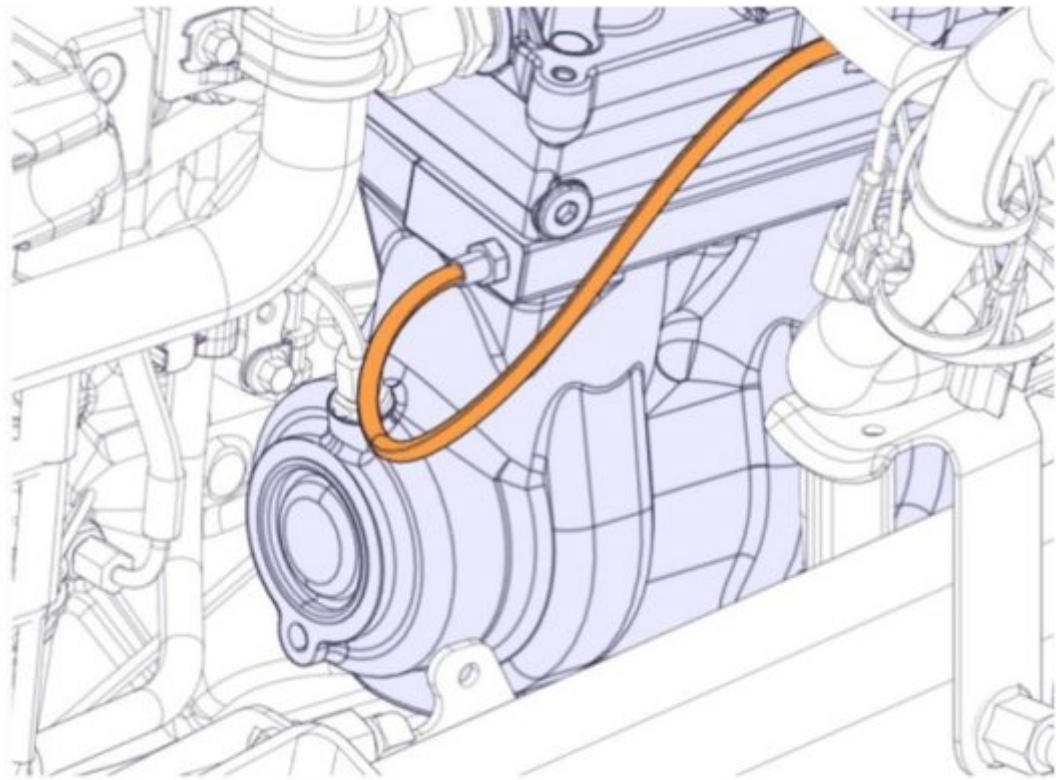
6. Drain the air tank.



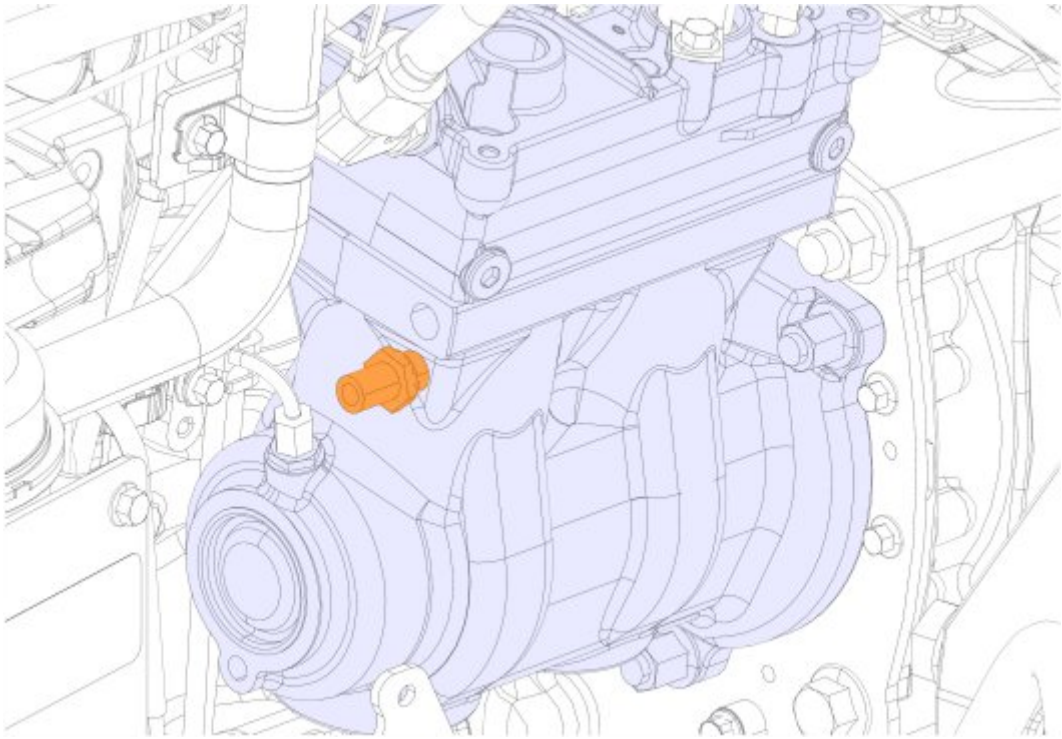
7. Remove the inner fender.



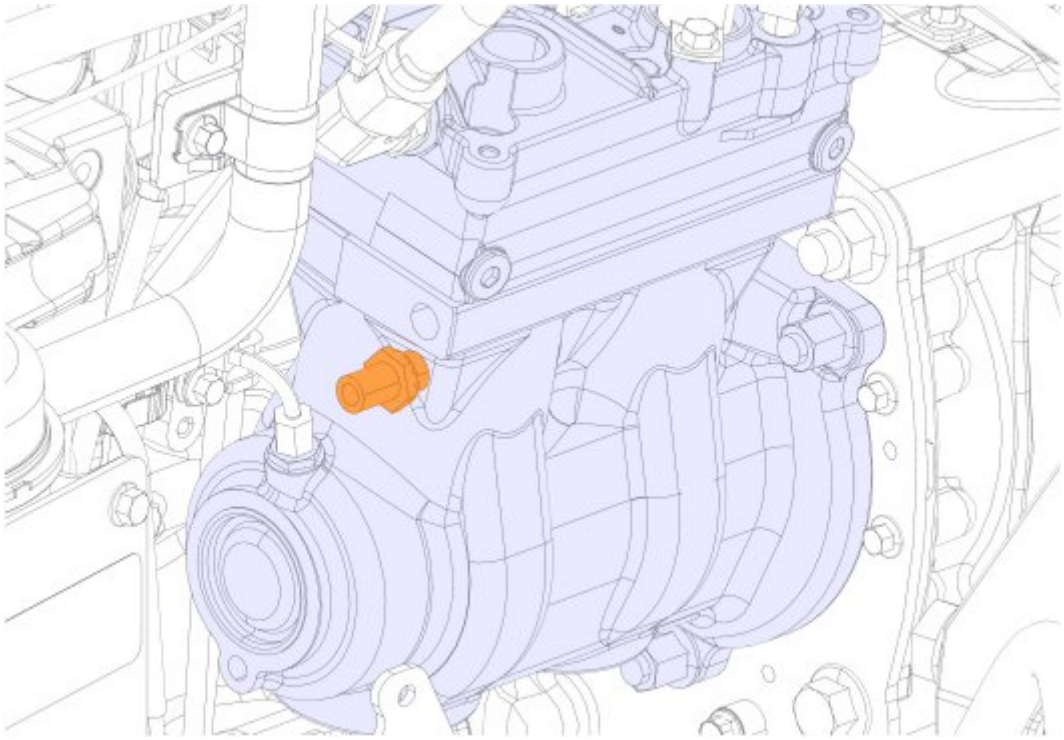
8. Remove the hose.



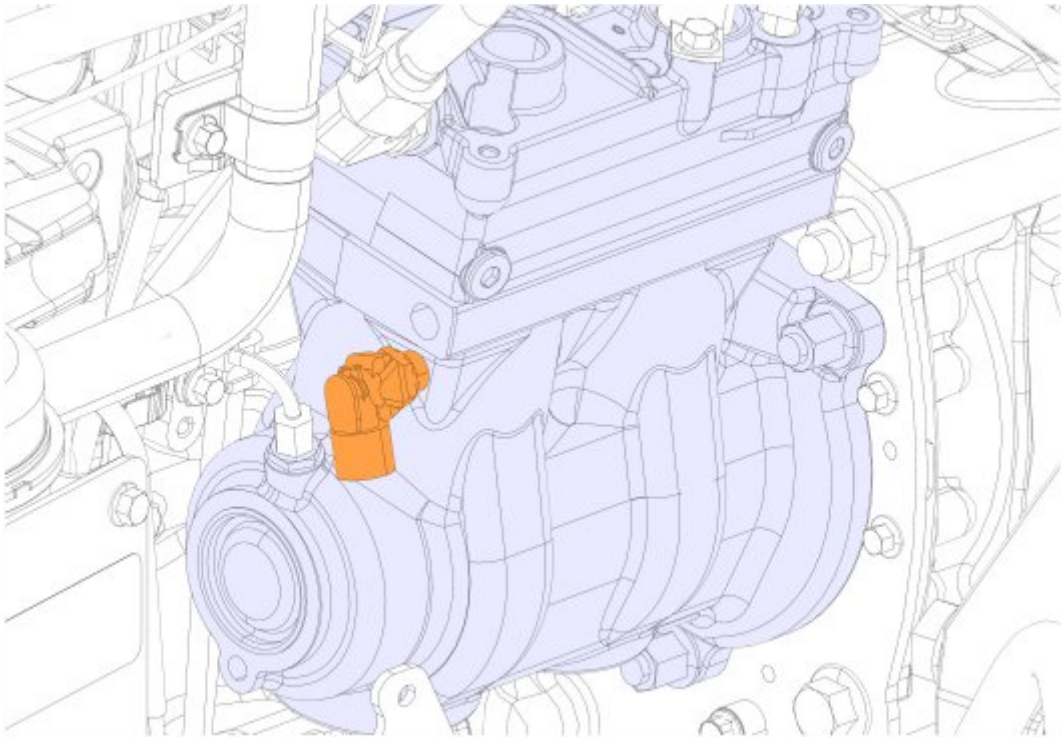
9. Remove the compressor signal line fitting.



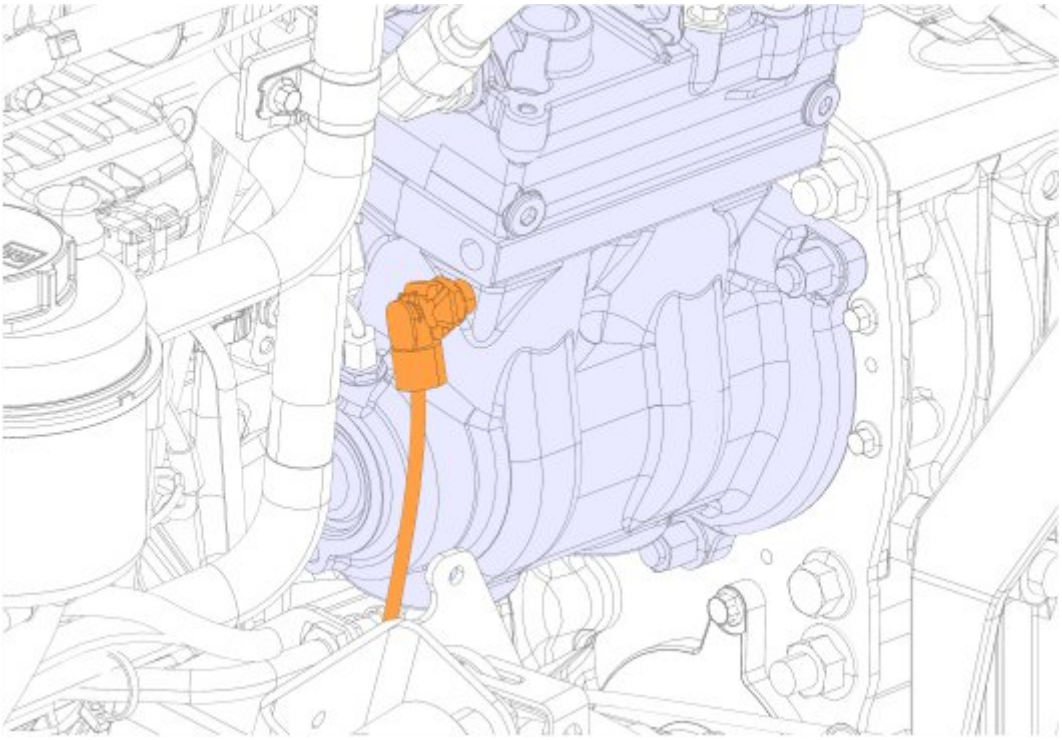
10. Install new fitting **992247** in the compressor.



11. Install elbow **992277** onto the fitting making sure it is fully seated.



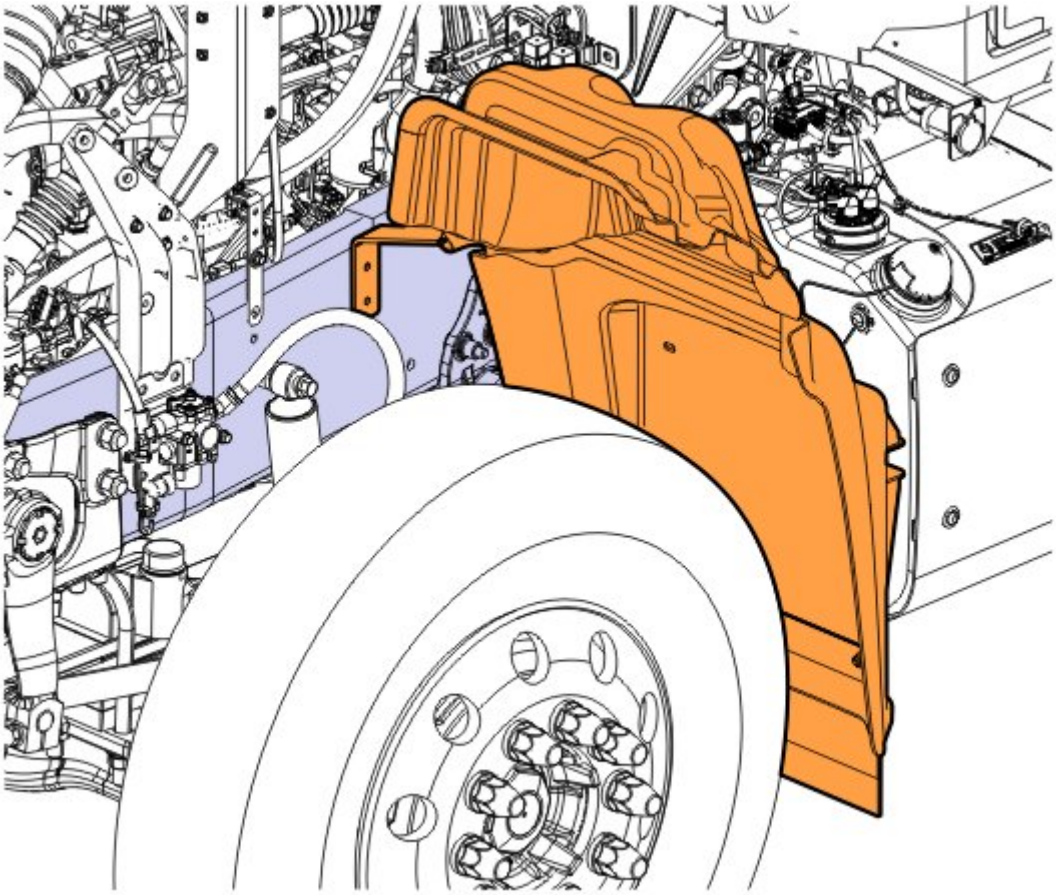
12. Reroute the signal line in front of the wiring harness. Ensure the line has proper clearance from other components and is secured to prevent chafing.



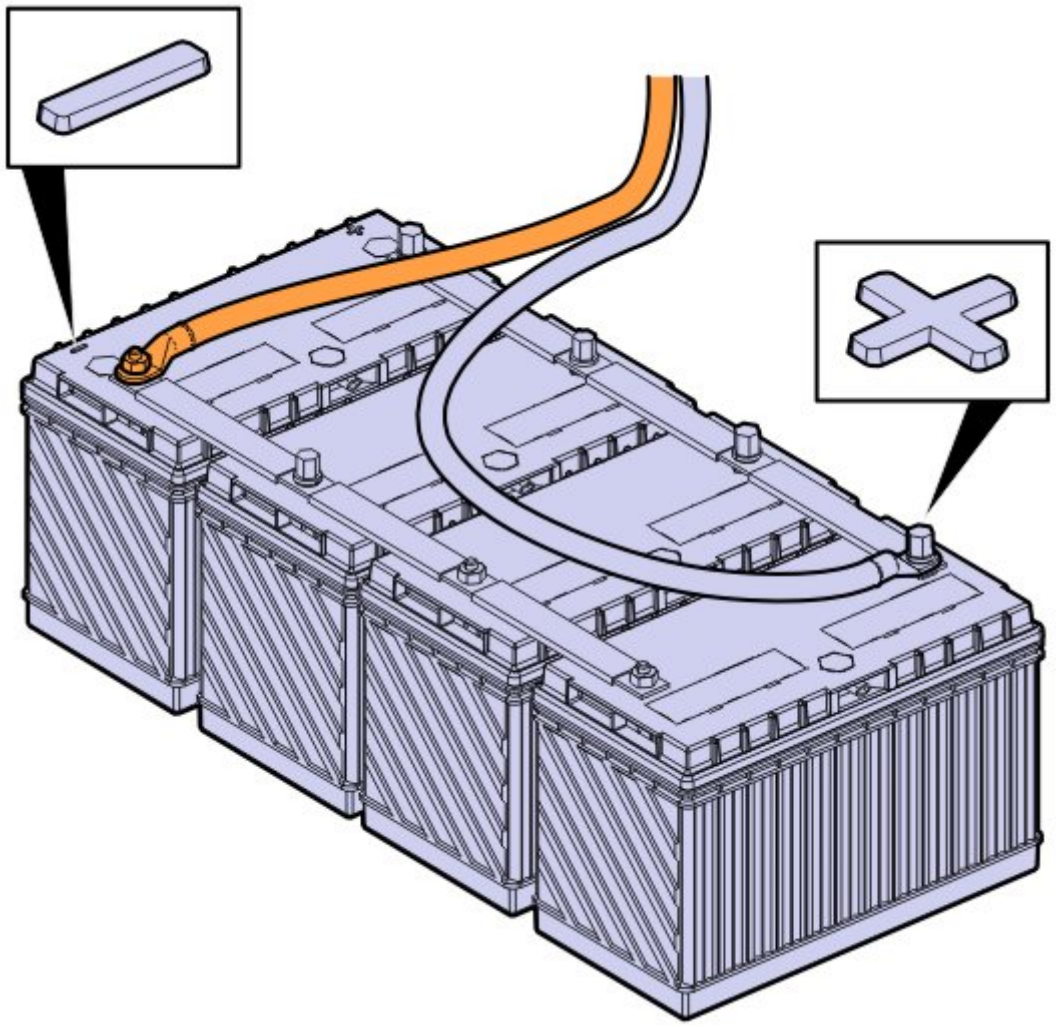
13. Insert the signal line into the elbow making sure it is fully inserted.

    Note: For further information on this type of fitting, please reference the Air Tubing and Fittings Document in Impact.

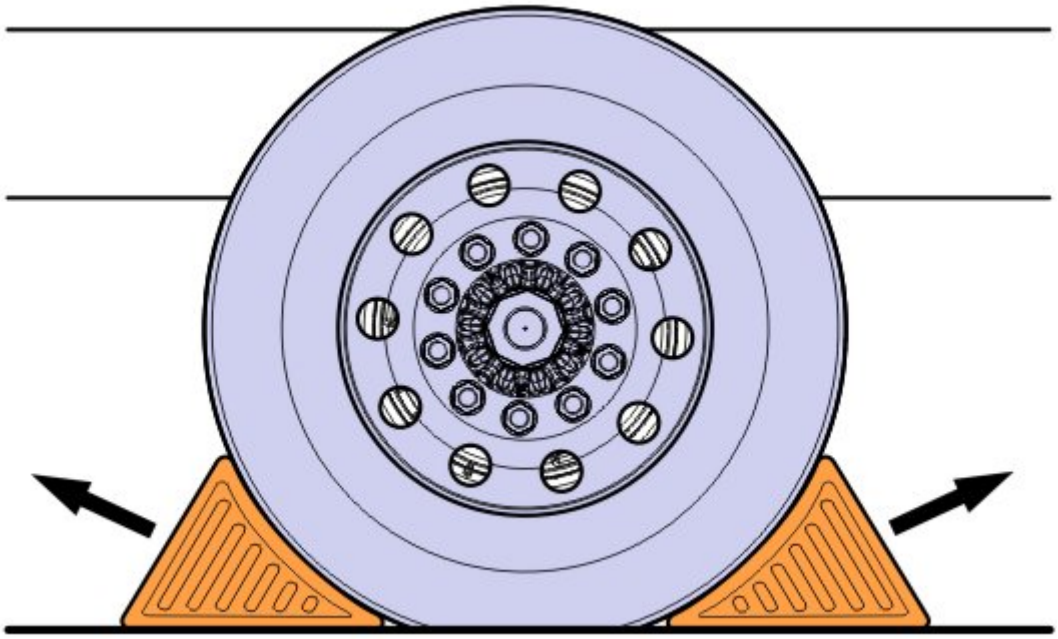
14. Install the inner fender.



15. Connect the cable to the negative terminal.



16. Close and latch the hood.
17. Remove the wheel chocks.



Warranty information

This repair may be eligible for reimbursement if a product failure was experienced within time and mileage limits of the applicable Warranty coverage. **Reimbursement is obtained via the normal claim handling process.**	**UCHP** **Reimbursement**
Claim Type (used only when uploading from the Dealer Bus. Sys.)	**01**
Labor Code	
Primary Labor Code	.
Air Compressor control line, Replacement	5612-03-09-01 — (0.5 Hrs)

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Technical Service