

SAFETY RECALL

Mack Trucks Inc.
Greensboro, NC USA



Date	Number	Release	Page
03.2024	SC0460	01	1(16)

Mack MMD Brake Pressure Switch MD6, MD7

RECALL INFORMATION

(March 2024)

Mack Trucks has determined that certain 2024 model year MD6 and MD7 vehicles were built with an improper brake pressure switch which indicates the incorrect park brake status. When the park brake is applied, the light indicates it is not applied. When the park brake is not applied, the light indicates it is applied.

Mack Trucks has not received warranty claims, field reports, or service reports due to this issue.

To ensure that these vehicles meet Mack's stringent quality requirements, follow the instructions outlined below to inspect functionality of the park brake and replace with the correct park brake switch if necessary.

VEHICLES AFFECTED

Certain Mack MD6 and MD7 model vehicles manufactured between November 9, 2023, and November 29, 2023.

VEHICLE QUANTITY

There are 117 vehicles affected by this recall. (117 US)

Parts

Part Number	Part Description	Quantity
20489116	Switch	As needed



*The **incorrect** part has a yellow stripe on it.



*The **correct** part has no yellow stripe on it.

Repair Instructions

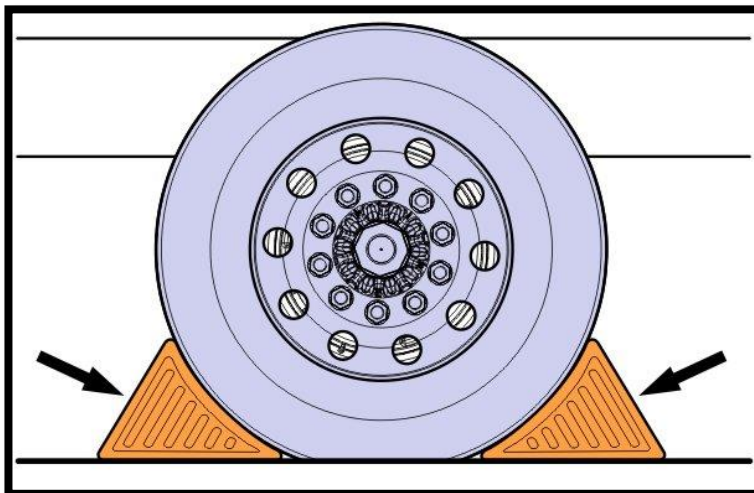
NOTE: Check for park brake switch functionality before proceeding with replacement. An incorrect park brake switch will present the following:

- Cruise control cannot be set.
- Daytime running lights will shut off when park brake is released.
- When the park brake is applied, the light in the dash will indicate that it is **not** applied.
- When the park brake is not applied, the light in the dash will indicate that it **is** applied.

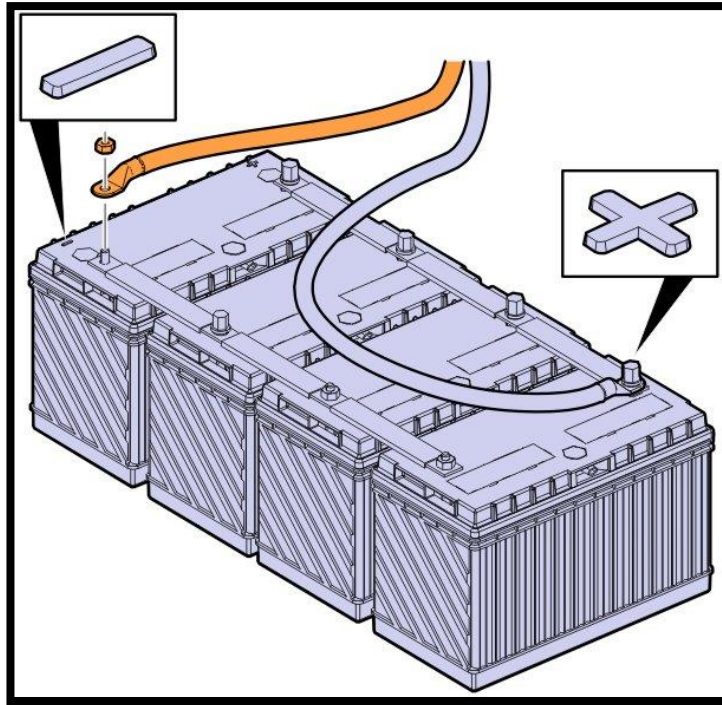
If switch does not operate as it should, continue with park brake switch replacement.

Please refer to Impact procedure **3646-03-02-59 Pressure Switch, Park brake, Replacement**

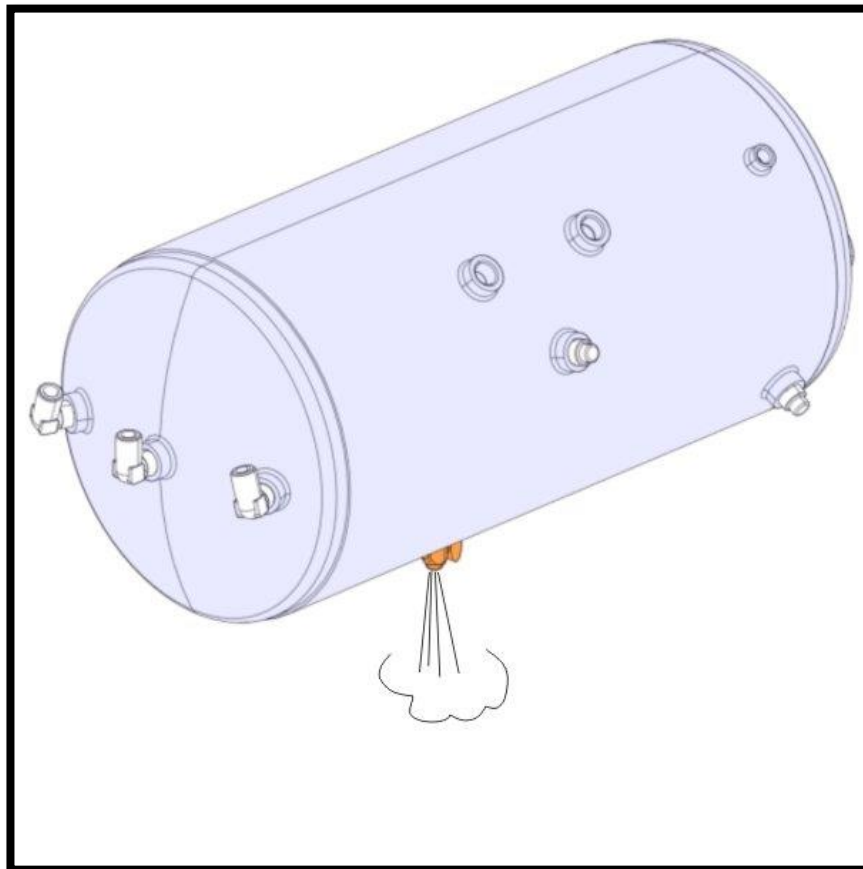
1. Park the vehicle on level surface.
2. Apply the parking brake.
3. Place the gear level in neutral.
4. Install the wheel chocks.



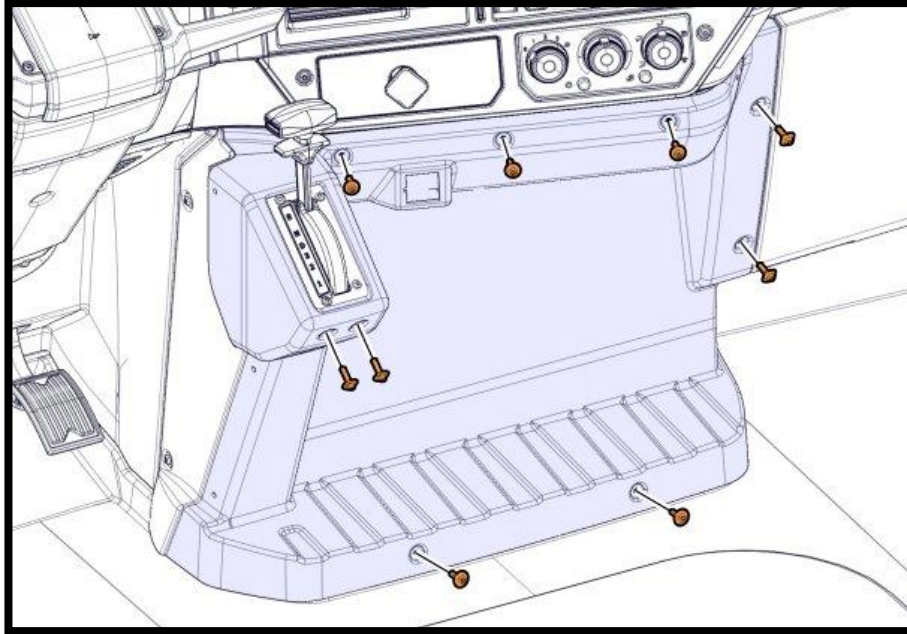
5. Disconnect the cable from the negative terminal.



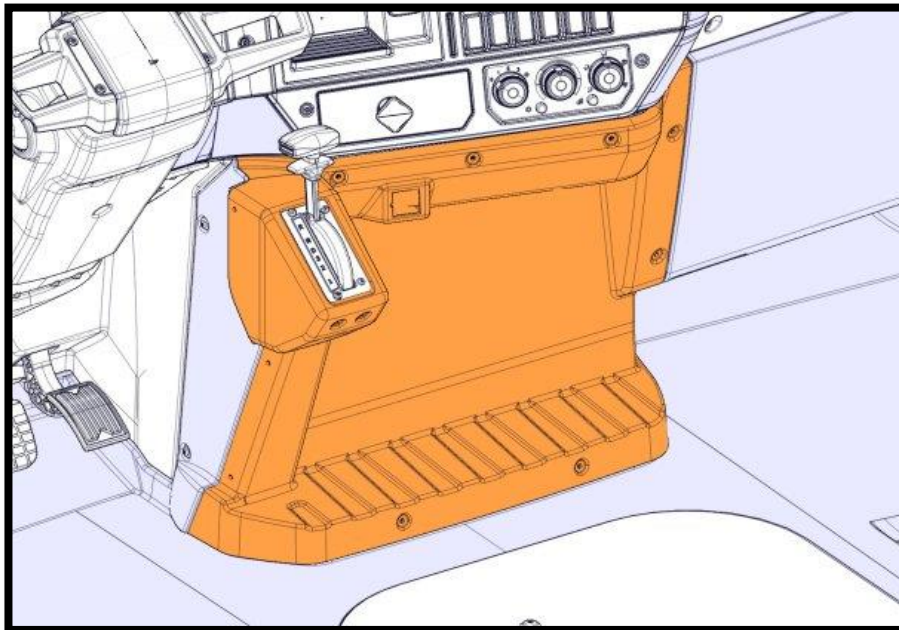
6. Drain the compressed air tanks.



7. Remove the screws.

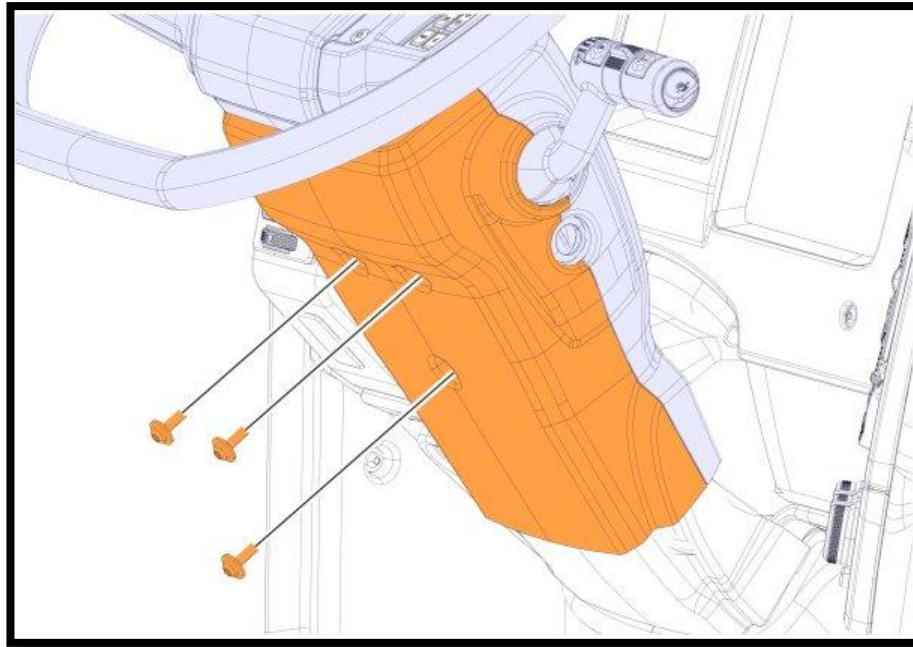


8. Remove the panel.

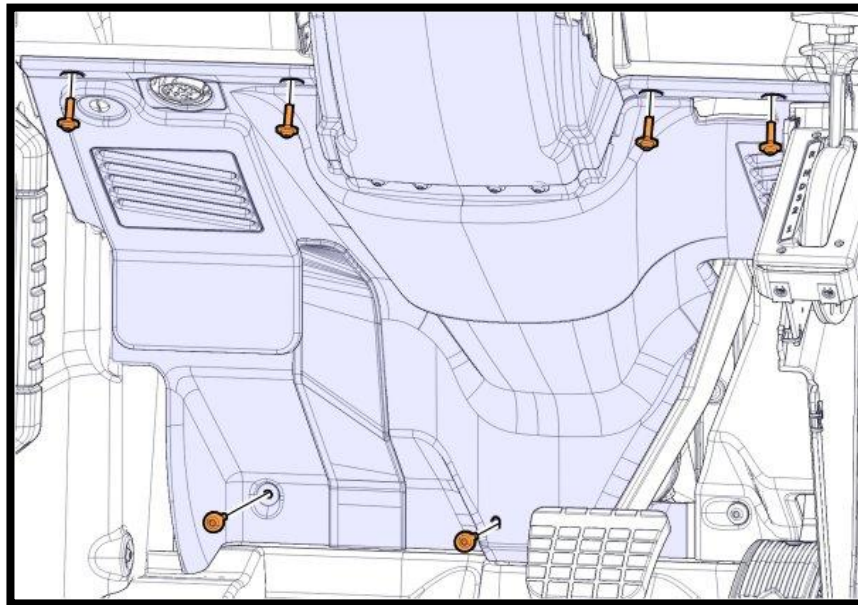


9. Remove the screws.

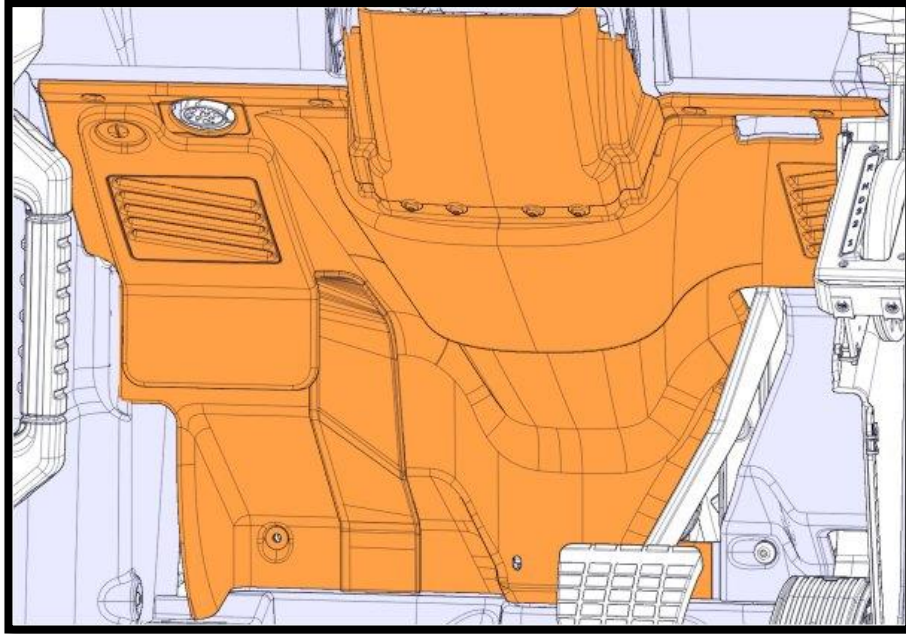
10. Remove the front panel cover.



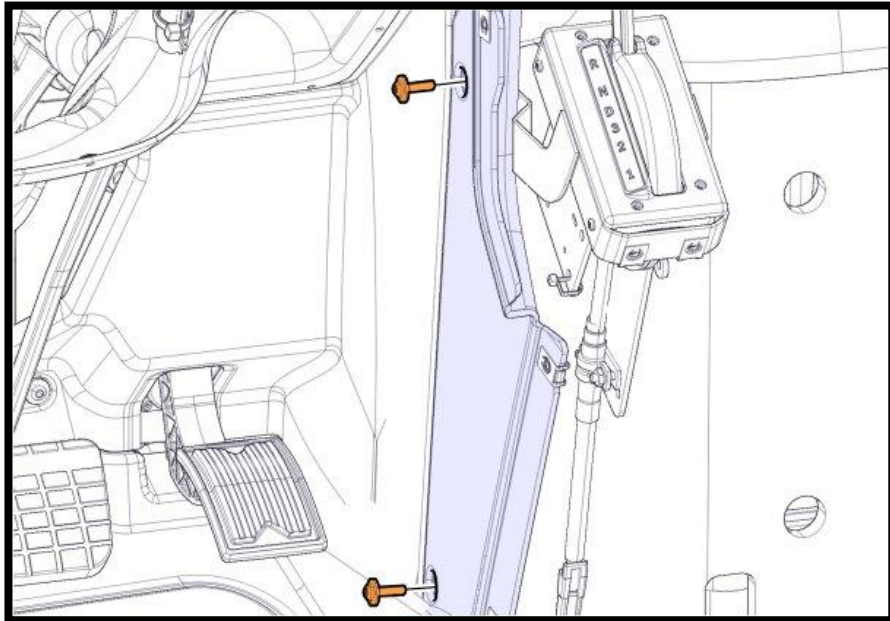
11. Remove the screws.



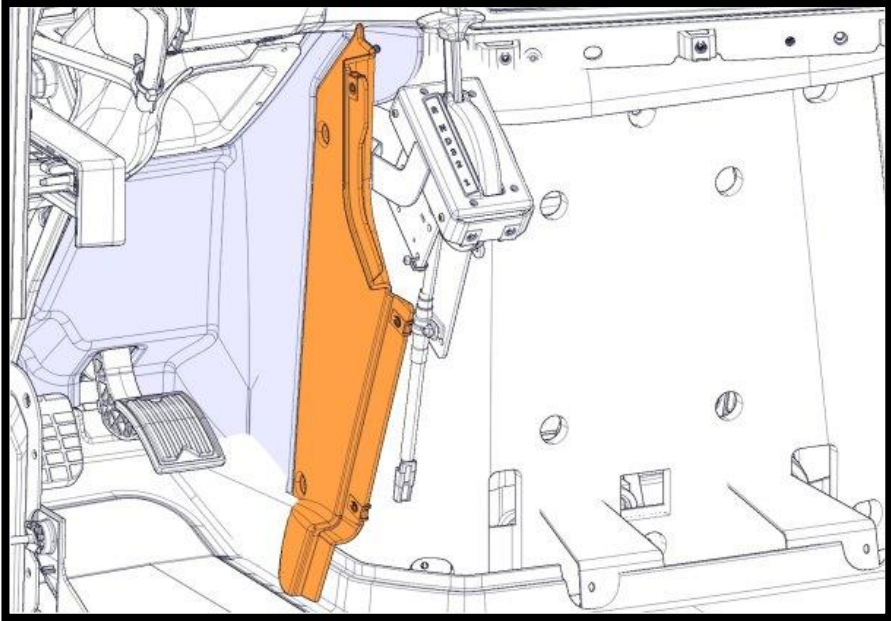
12. Remove the panel.



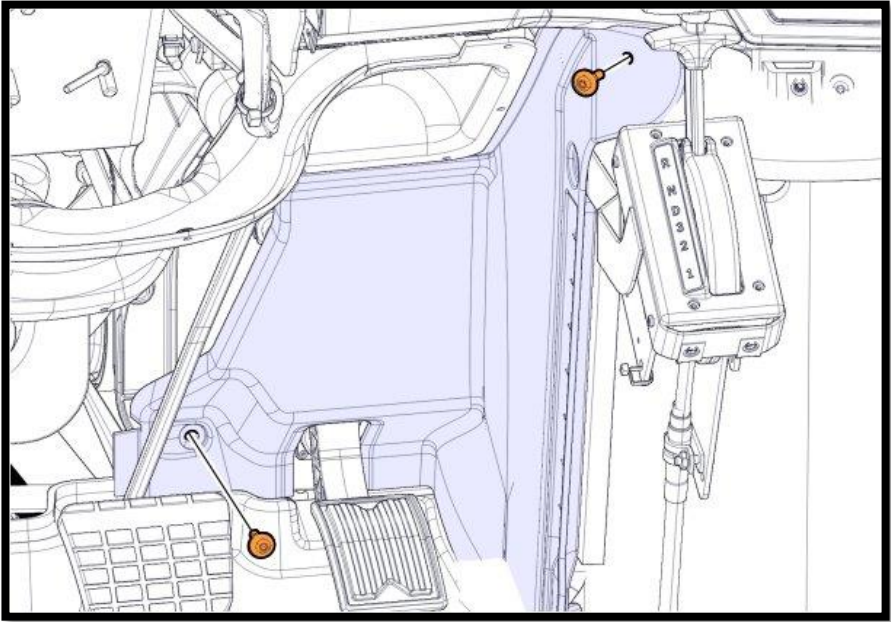
13. Remove the screws.



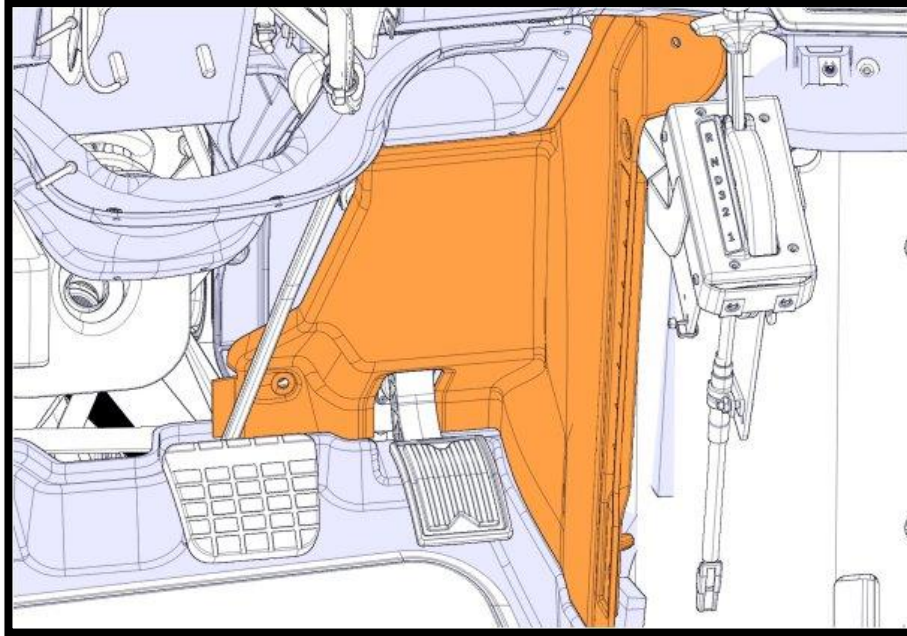
14. Remove the panel.



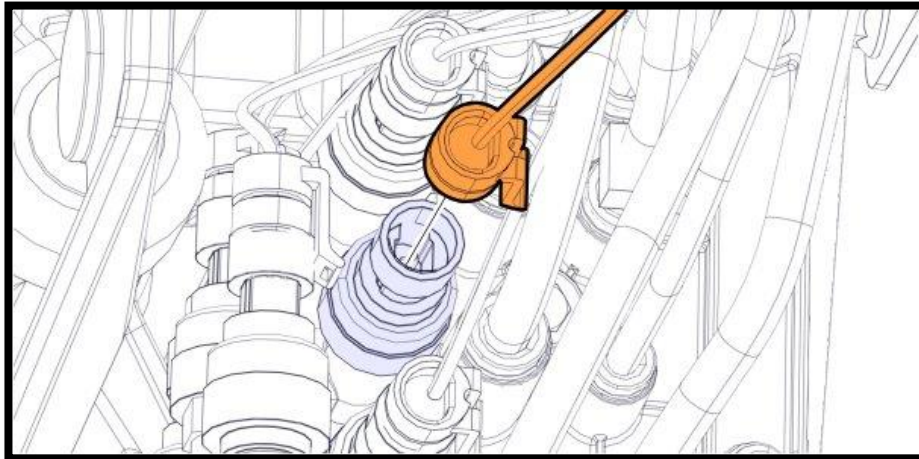
15. Remove the screws.



16. Remove the panel.

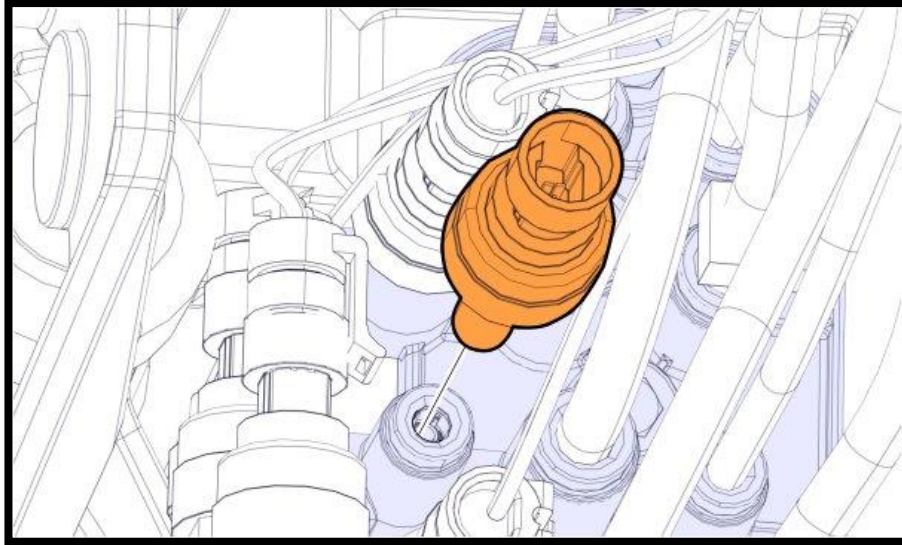


17. Disconnect the connector.

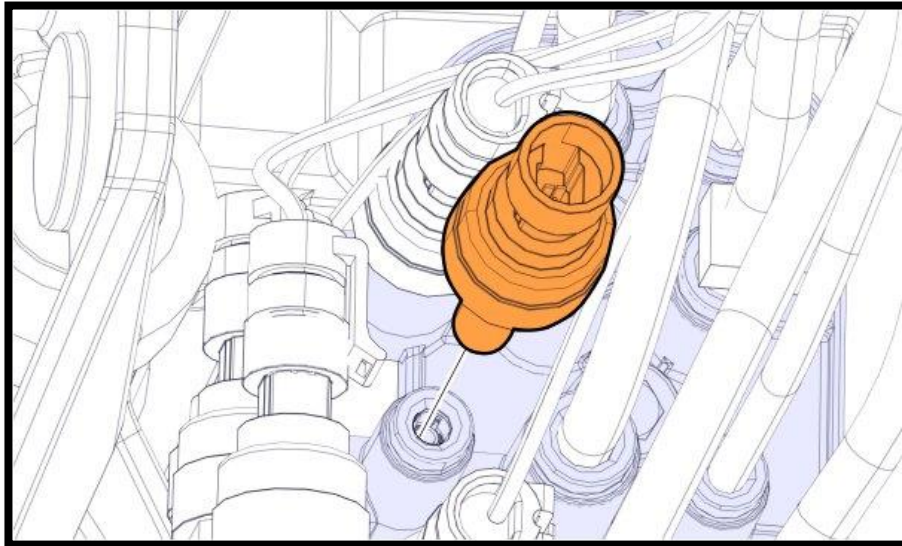


18. Remove the switch.

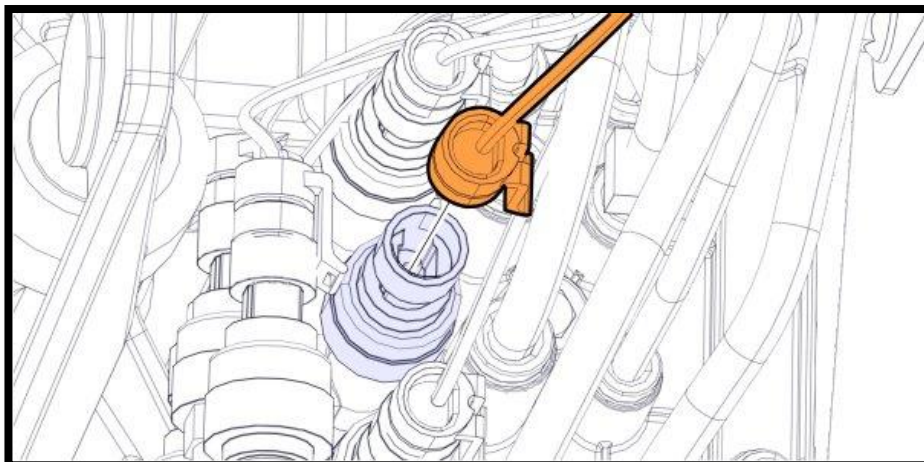
Required material	
DISASSEMBLY TOOL	88870015



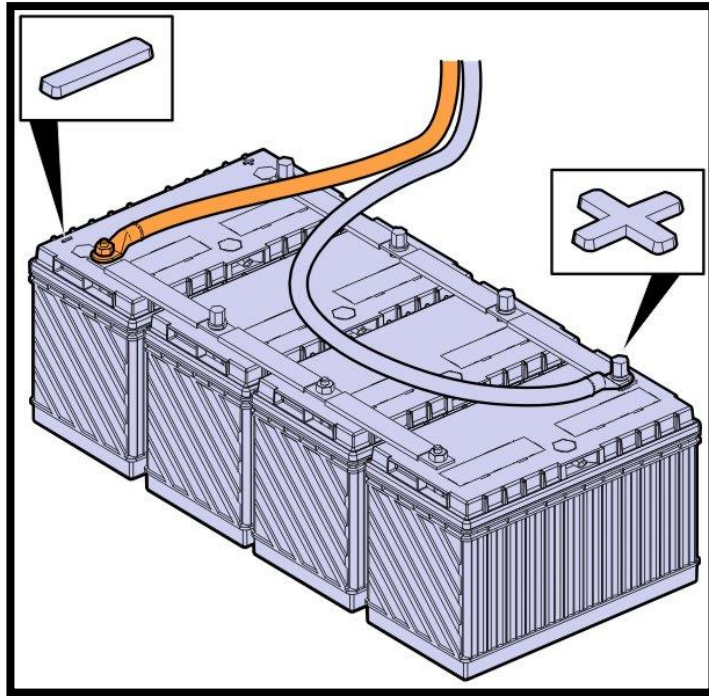
19. Install the switch.



20. Connect the connector.



21. Connect the cable to the negative terminal.

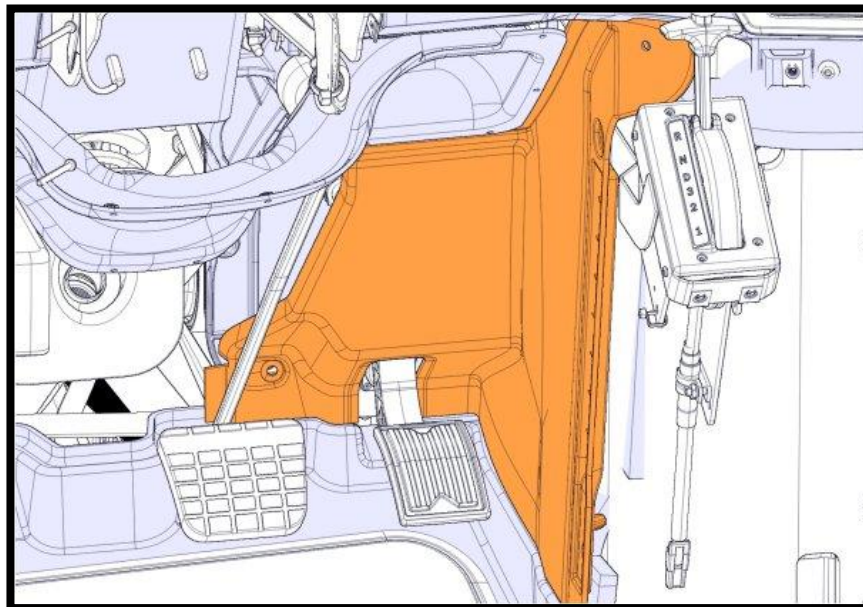


22. Start the engine.

23. Idle engine until the pneumatic system is at operational pressure.

24. Check the air line for leakage.

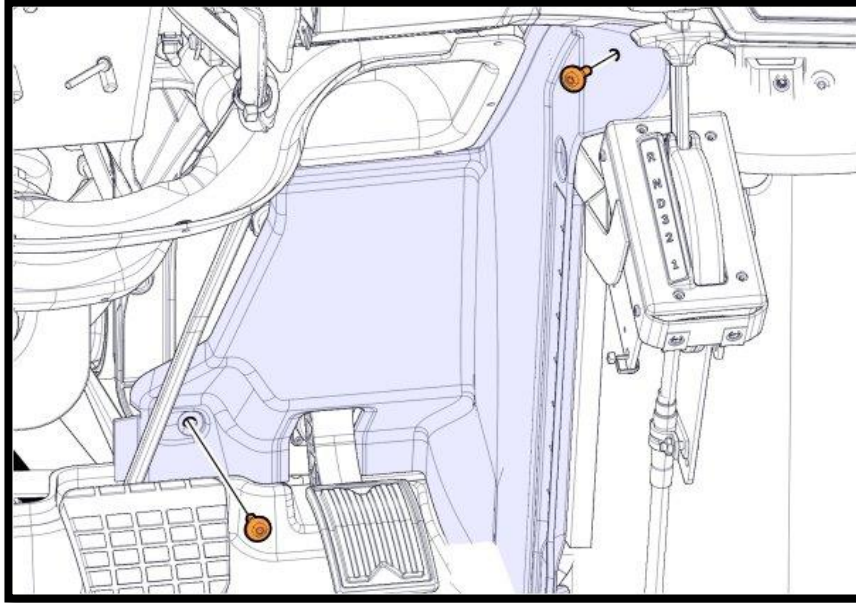
25. Install the panel.



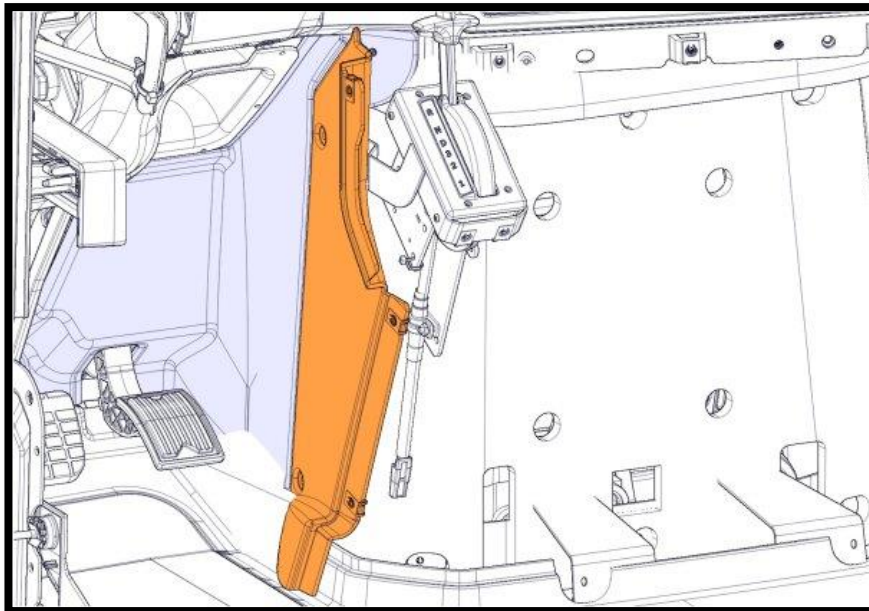
26. Install the screws.

27. Torque tighten the screws.

Tightening torque	
Screw	M5
	6 ±1.0 Nm (4 ±1 lb _r ·ft)



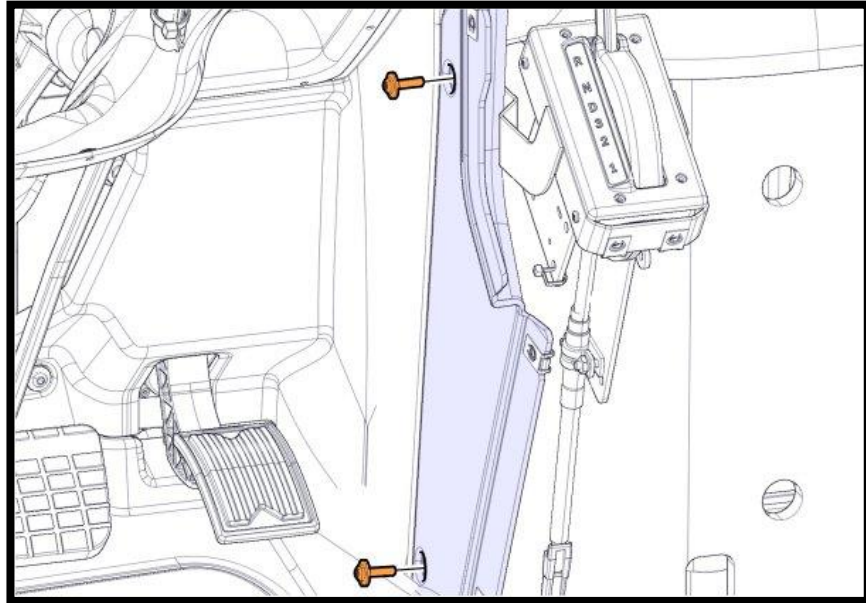
28. Install the panel.



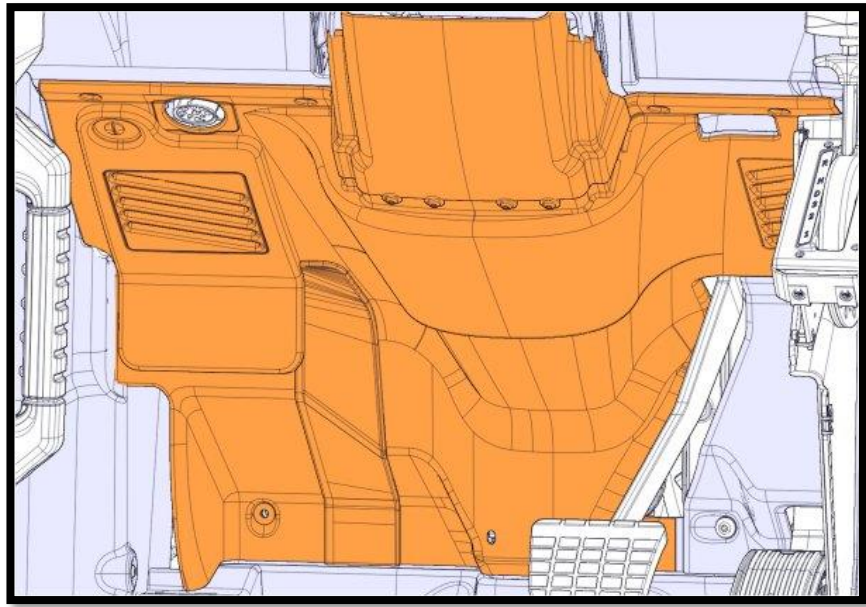
29. Install the screws.

30. Torque tighten the screws.

Tightening torque	
Screw	M5
	6 ±1.0 Nm (4 ±1 lb _r ·ft)



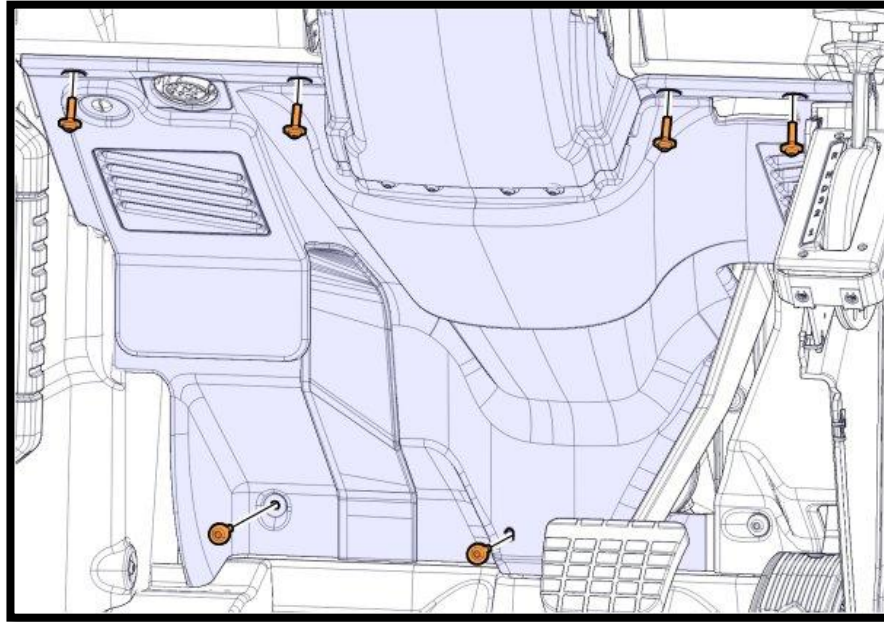
31. Install the panel.



32. Install the screws.

33. Torque tighten the screws.

Tightening torque	
Screw	M5
	6 ±1.0 Nm (4 ±1 lb _r ·ft)

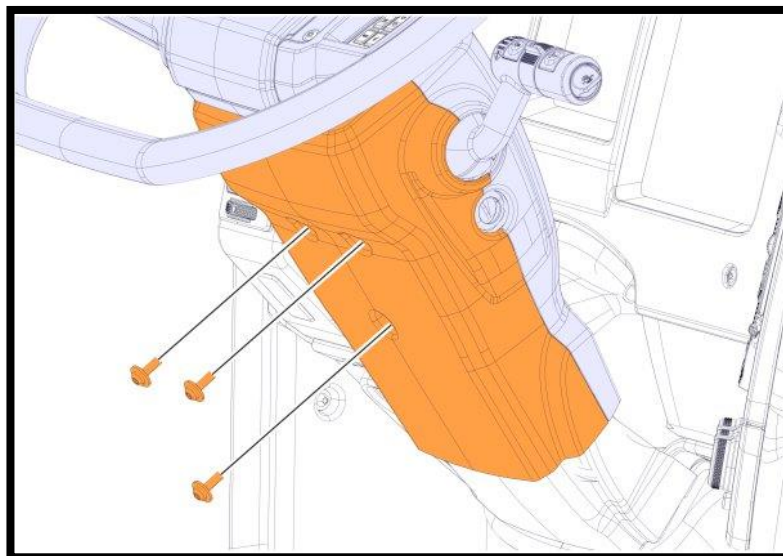


34. Install the front panel cover.

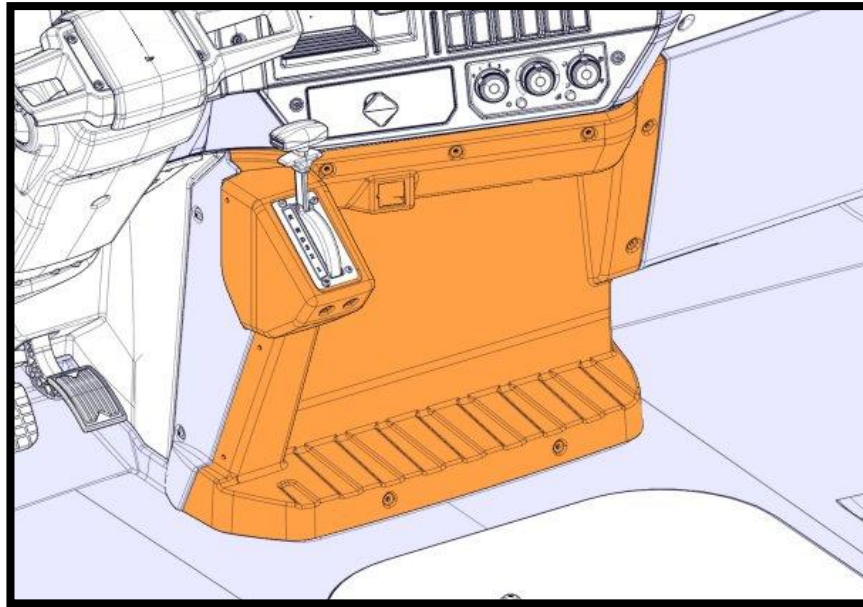
35. Install the screws.

36. Torque tighten the screws.

Tightening torque	
Screw	M5
	6 ±1.0 Nm (4 ±1 lb _r ·ft)



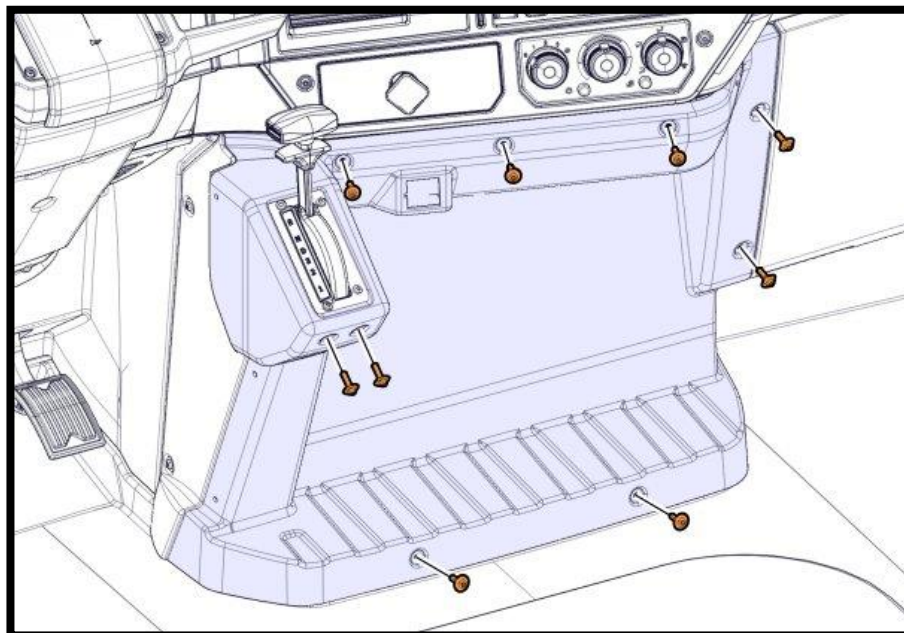
37. Install the panel.



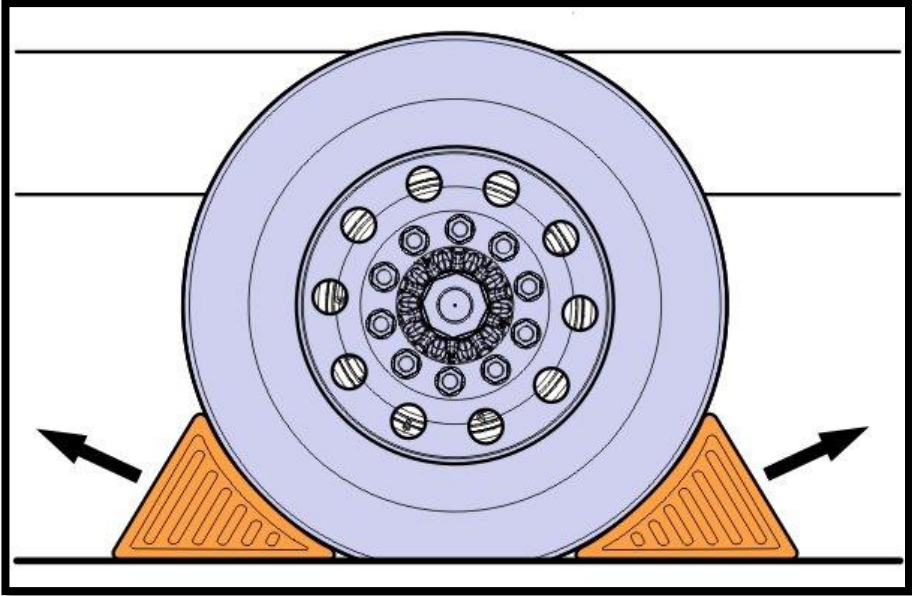
38. Install the screws.

39. Torque tighten the screws.

Tightening torque	
Screw	M5
	6 ±1.0 Nm (4 ±1 lb _r ·ft)



40. Remove the wheel chocks.



REIMBURSEMENT

This repair is covered by an authorized Safety Recall. Reimbursement is obtained through the normal claim handling process.	
	UCHP Reimbursement
Claim Type (used only when uploading from the Dealer Business System)	40
Recall Status	
Vehicle repaired per instructions	1-Modified per instructions
Labor Codes	
3646-03-02-59 Pressure Switch, Park Brake, Replacement	0.8 hrs.
1720-16-09-01 Campaign, General X 3 (Inspection Only)	(0.1 x 3) 0.3 hrs.
Causal Part	20489116
Authorization Number	C0356

Note: Dealers or the designated representatives are to perform Safety Recall on all subject vehicles at no charge to the vehicle owner regardless of mileage, age of vehicle or ownership (original purchaser or subsequent purchasers). Whenever vehicles that are subject to a Safety Recall are brought to your dealership for service, it is strongly recommended that every effort be made to perform the recall correction before the vehicle is released to the owner.