

Chassis ID	Path
N 491116	5633/Repair//Tractor Protection Valve, Replacement
Model	Identity
VN	135978891
Publish date	ID/Operation
7/31/2015	5633-03-02-27

5633-03-02-27 Tractor Protection Valve, Replacement



Illustrations may differ slightly from the actual vehicle being serviced. However, key components addressed in this information are represented as accurately as possible.



CAUTION

Service Information Advisory.

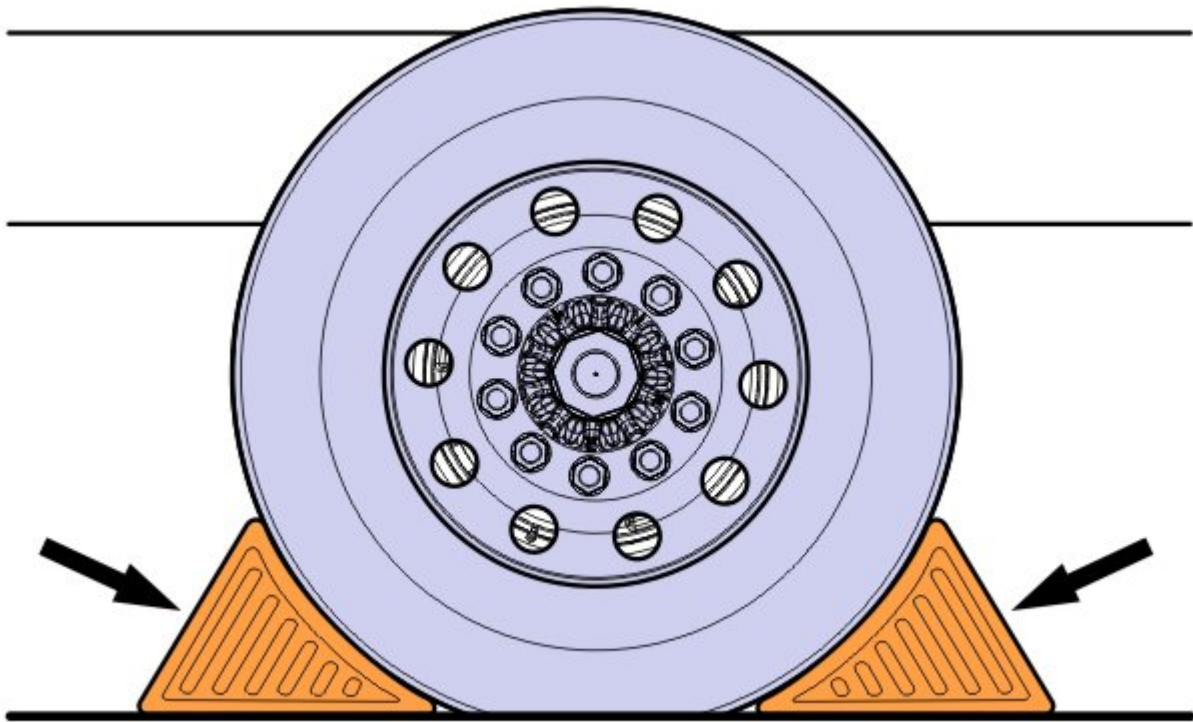
If you are not properly trained and certified in this procedure, ask your supervisor for training before you perform it.

- ▶ You must read and understand the precautions and guidelines in Service Information, Function Group 5, "General Safety Practices, Brakes and Air Systems" before performing this procedure.

Special tools

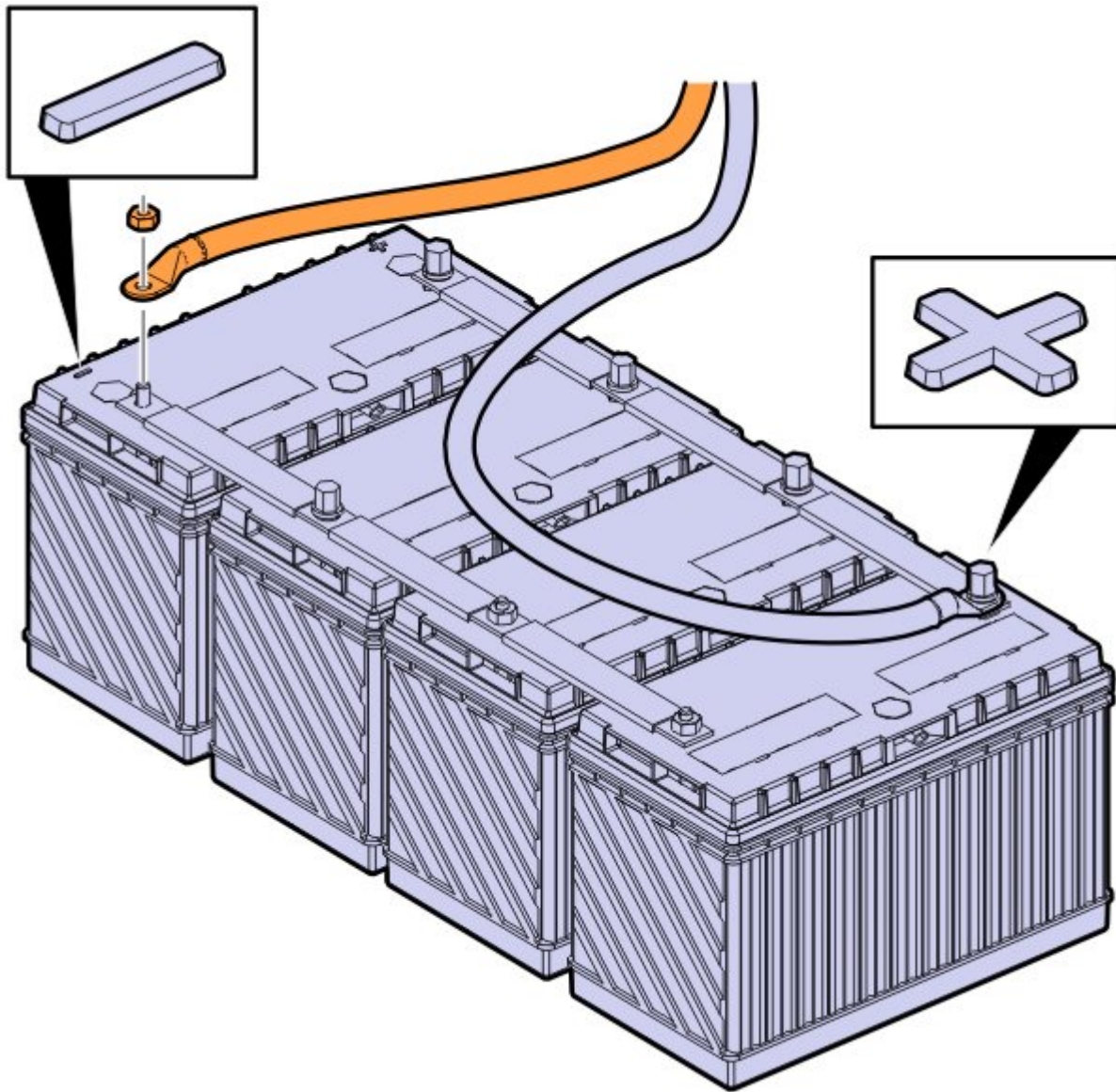
[J-42189](#)

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.

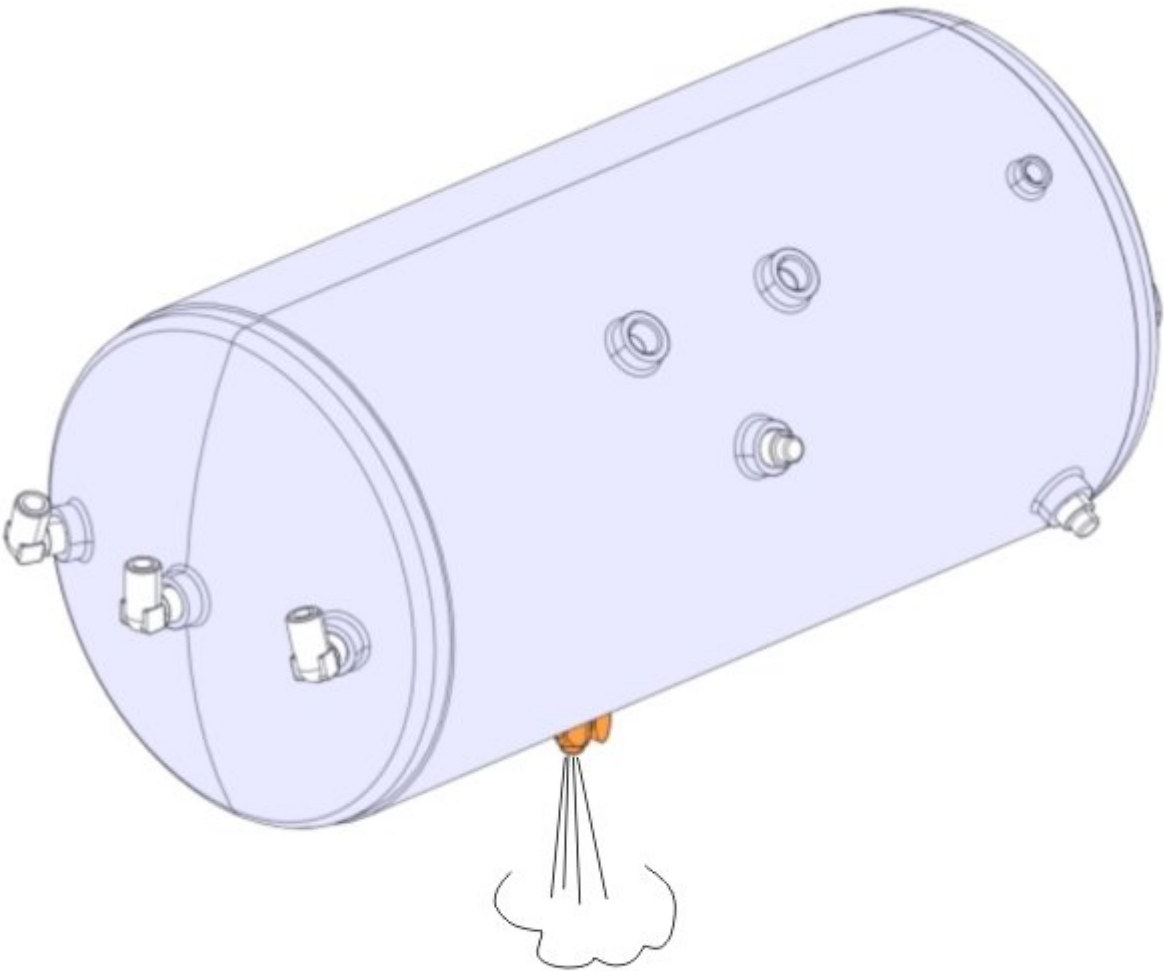


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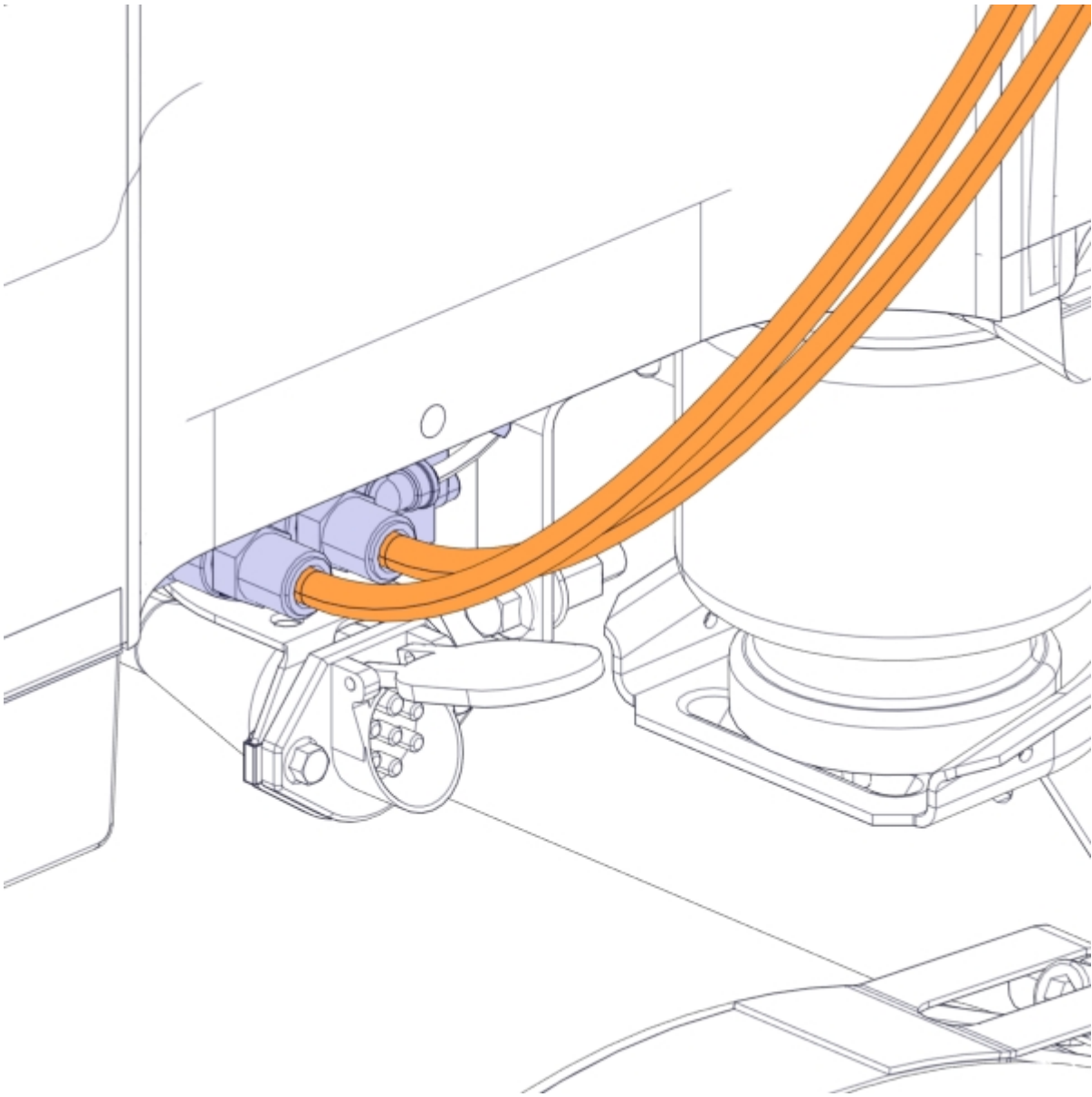
Disconnect the cable from the battery's negative terminal.



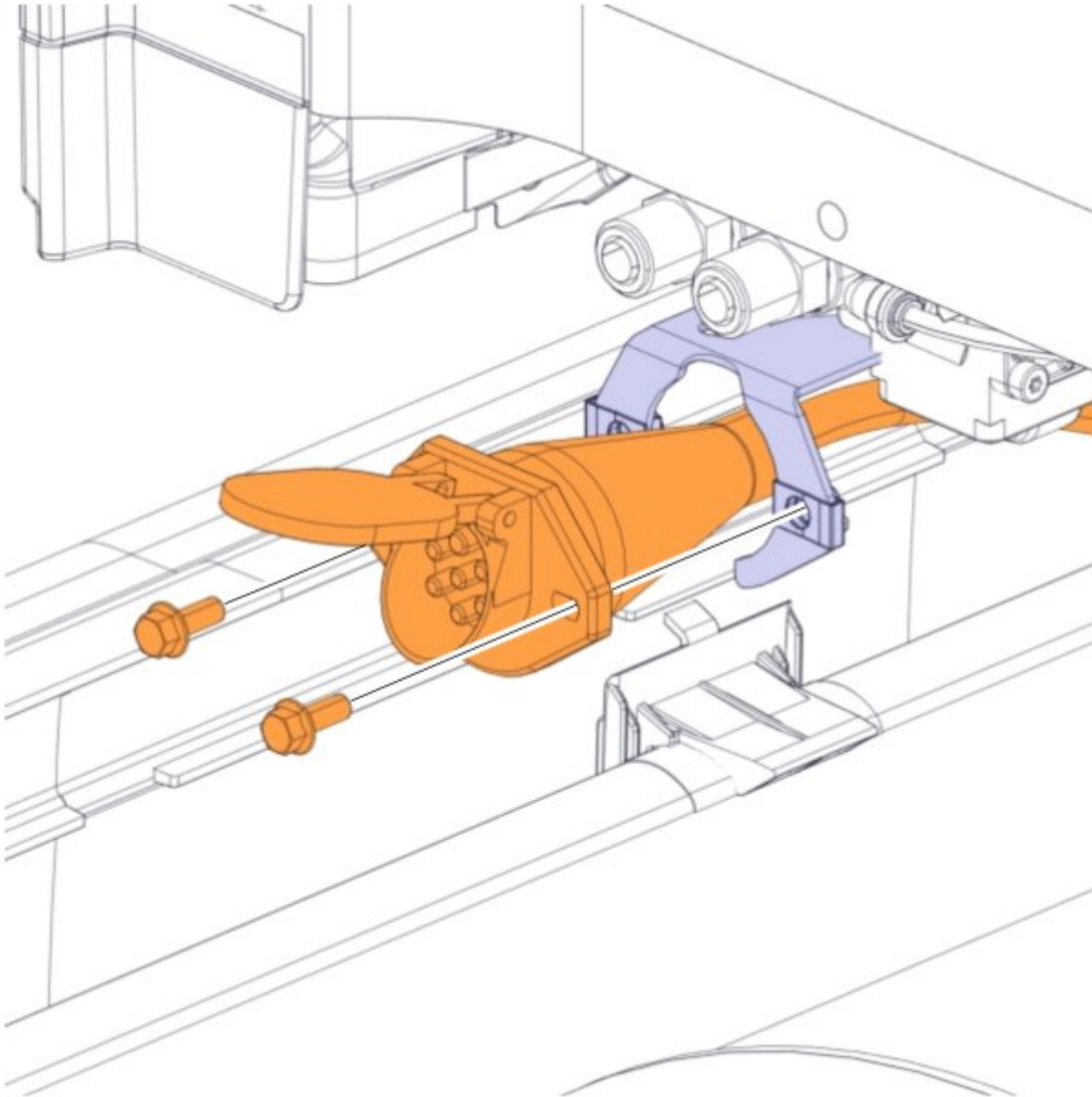
6	Drain the compressed air tanks.
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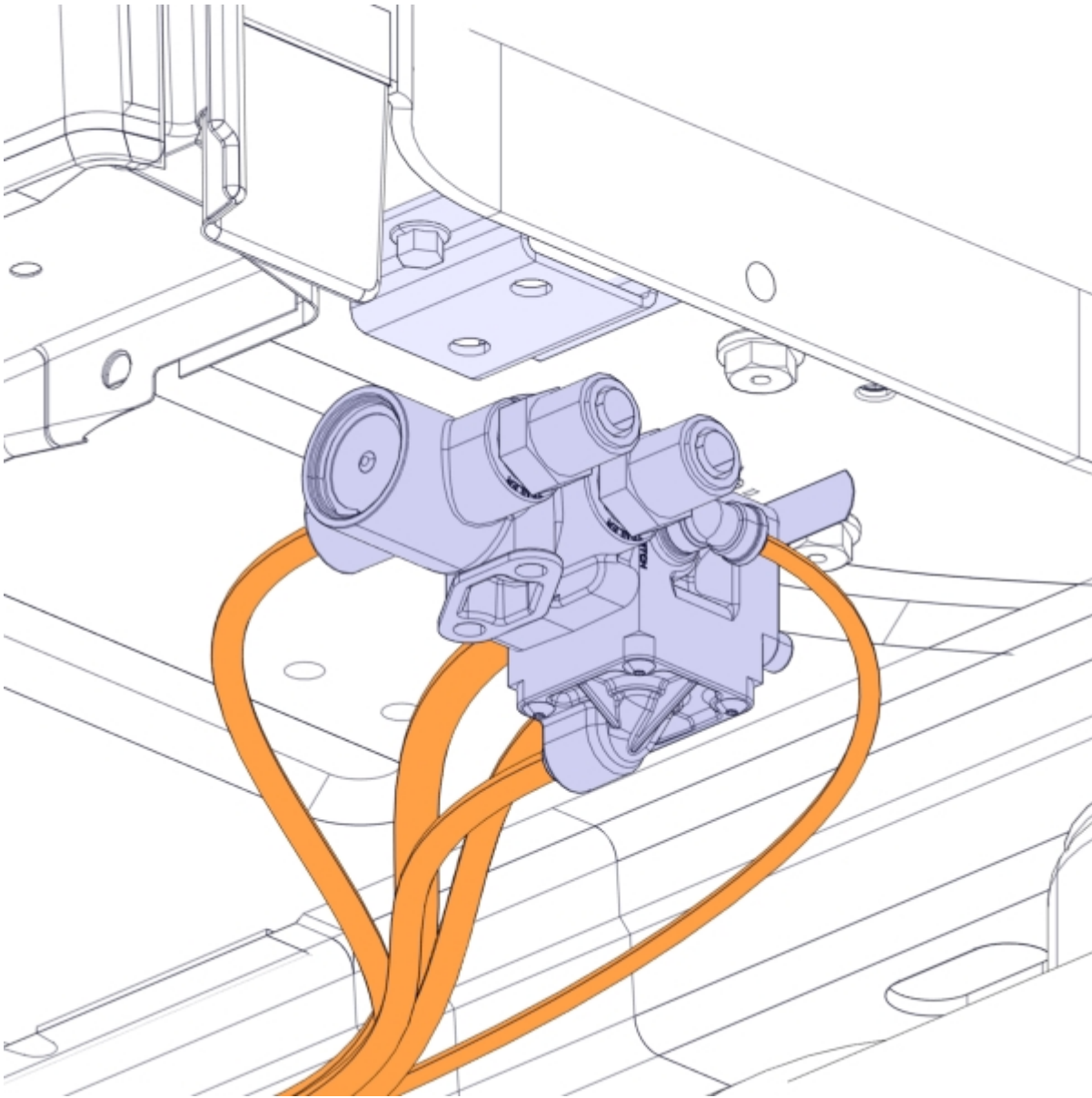
7	Disconnect the air lines.		
	Required material		
	DISASSEMBLY TOOL	J-42189	



8	Remove the connector.
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9	Remove the bracket.
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11 Transfer the fittings.



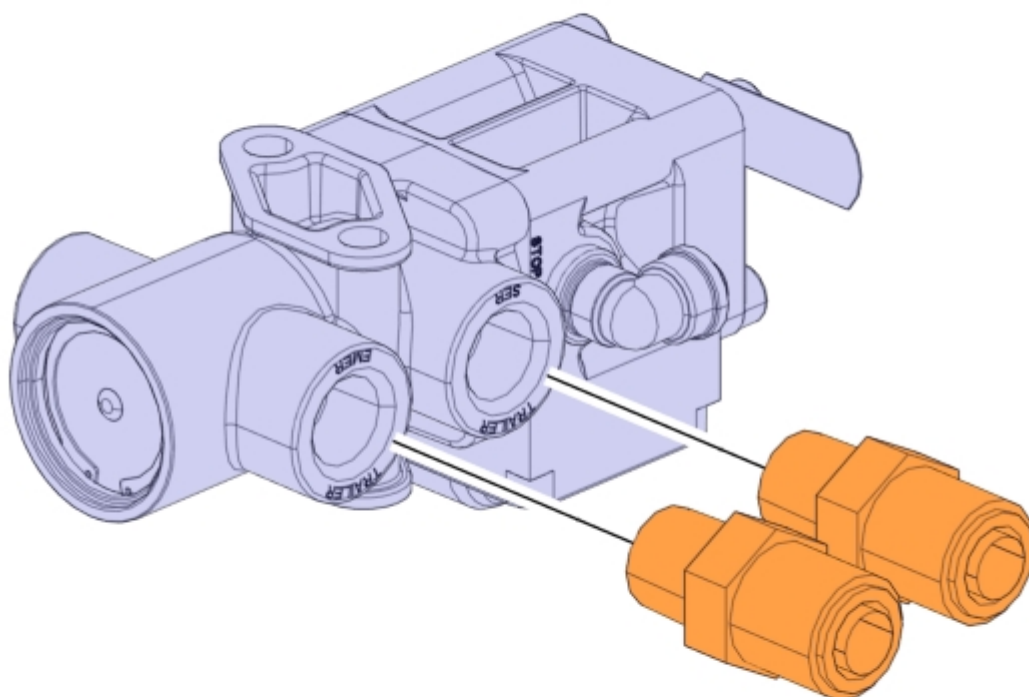
Note




Before installing the fittings ensure they are clean and free of contaminants.

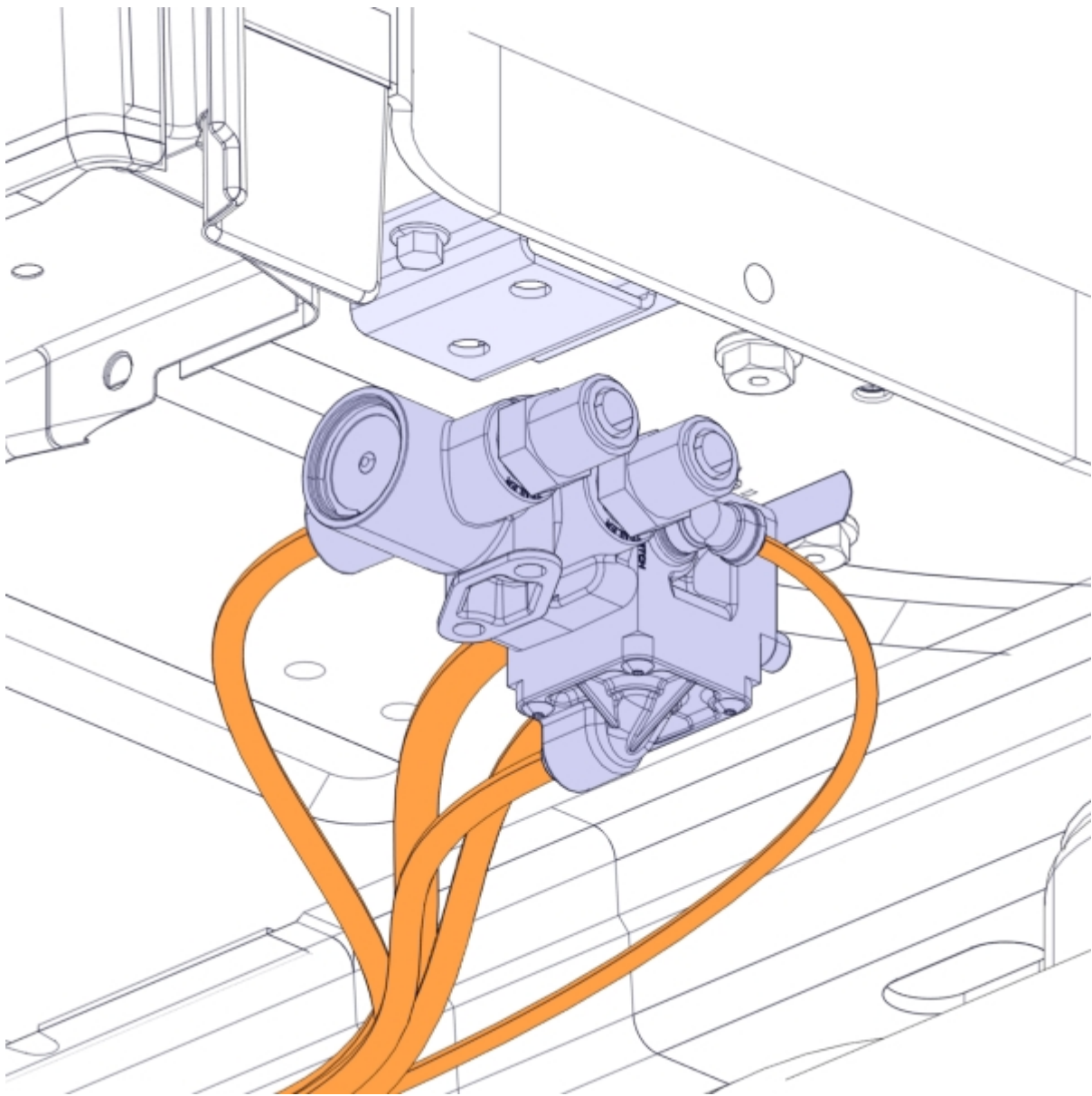


Note

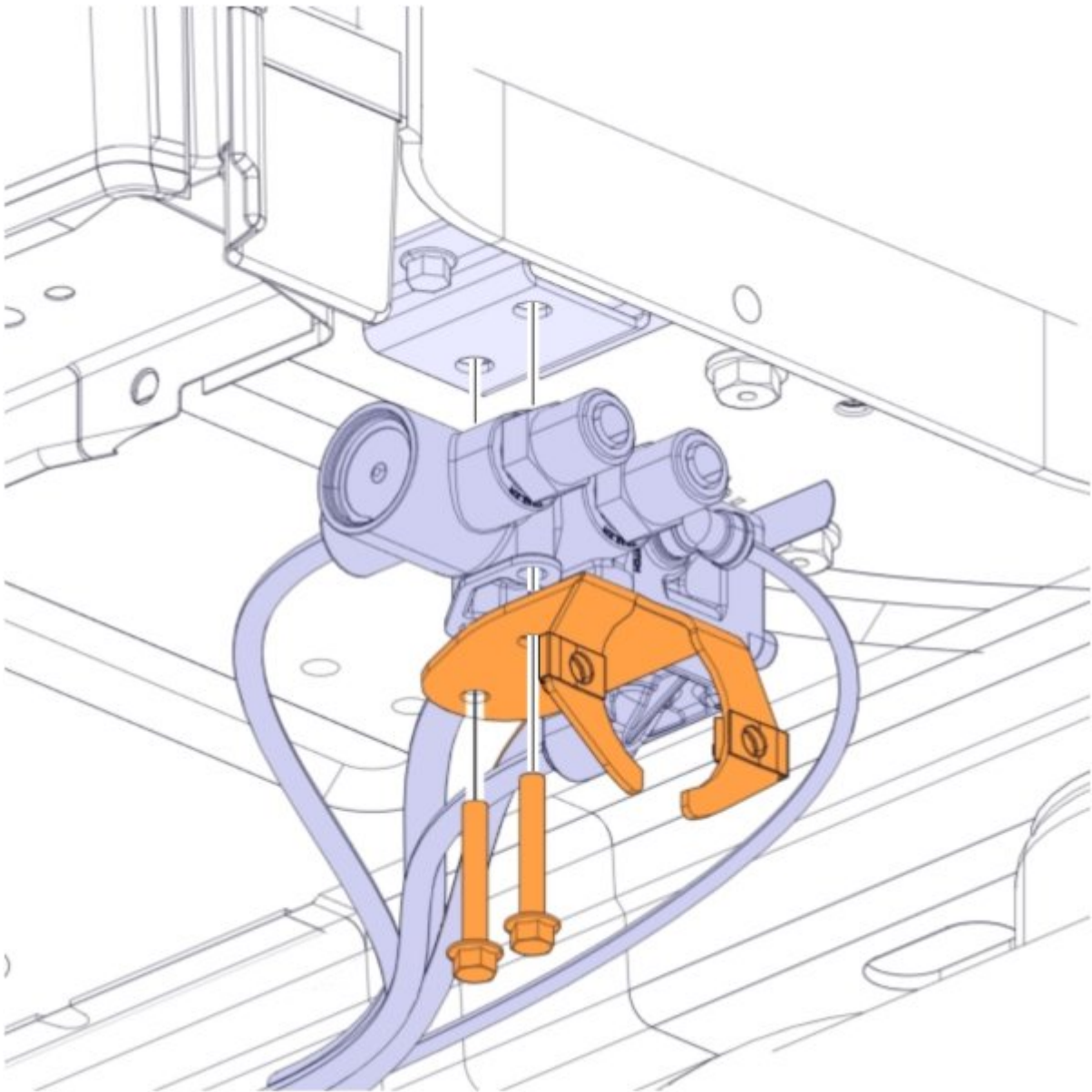
Before installing the fittings apply thread sealant.



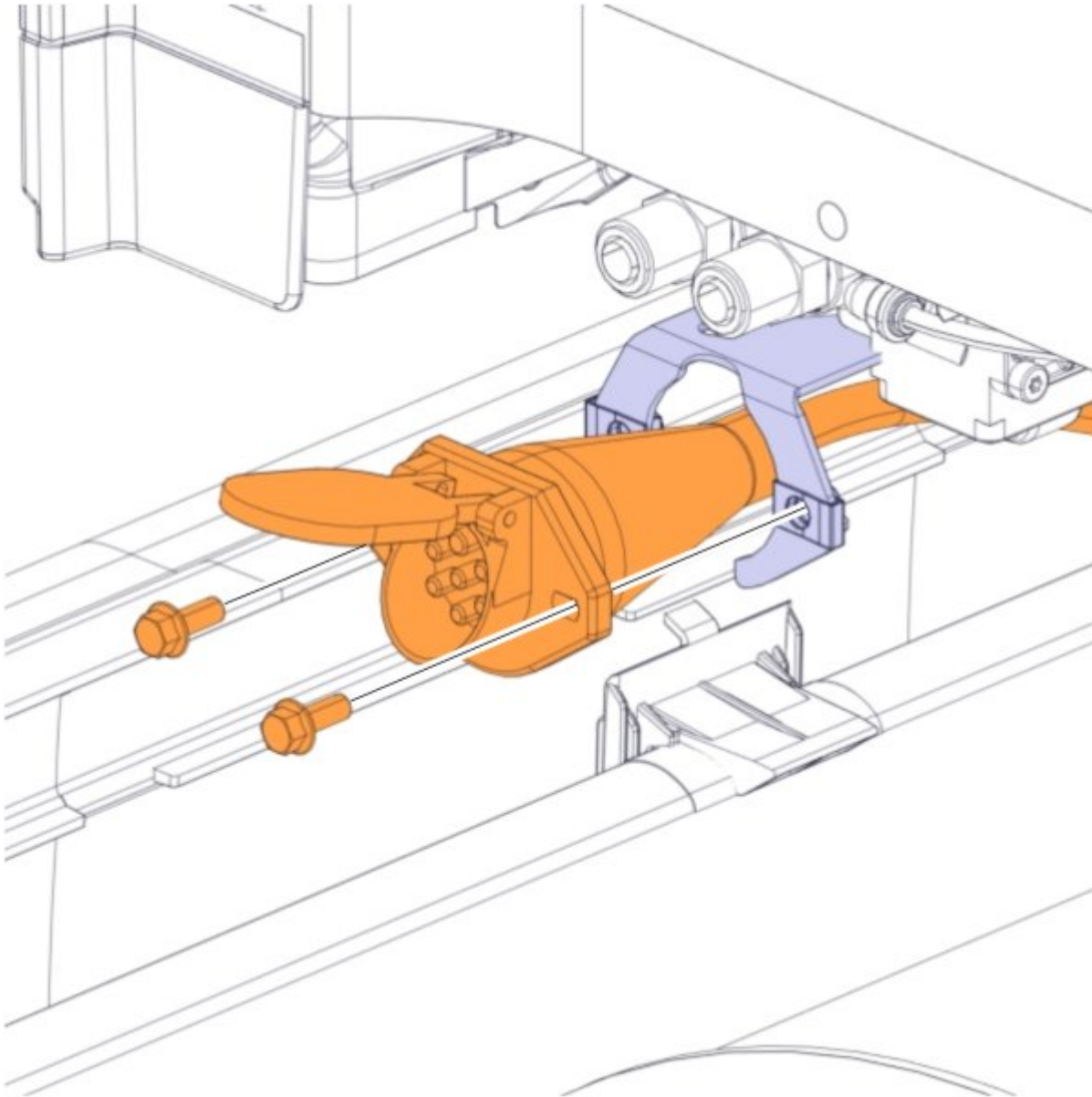
12	<p>Connect the air lines.</p> <table border="1" data-bbox="165 1397 689 1503"><tr><td data-bbox="165 1397 240 1464"></td><td data-bbox="240 1397 689 1503"><p>Note Use the orientation previously noted.</p></td></tr></table>		<p>Note Use the orientation previously noted.</p>
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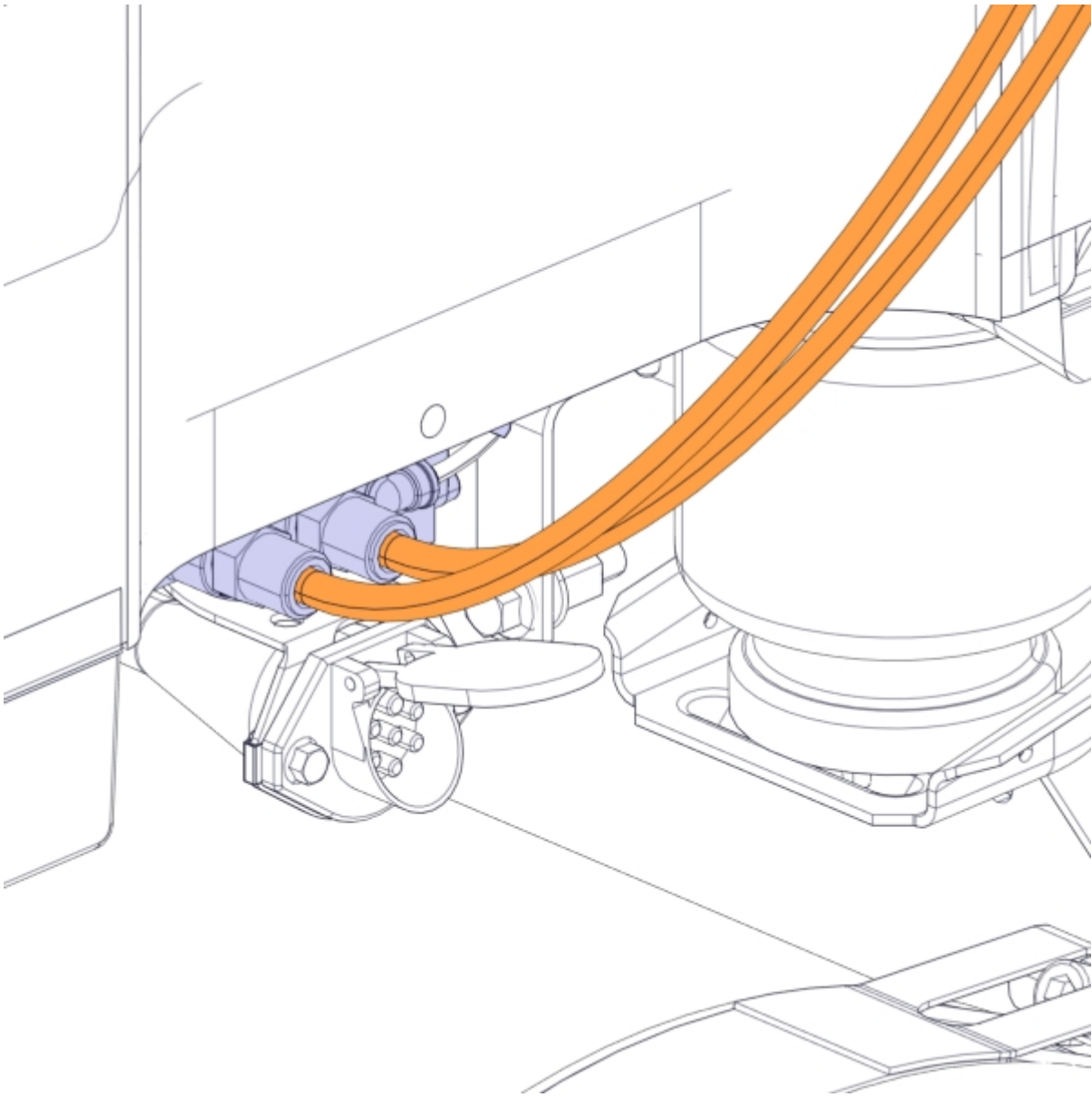
13	Position the valve and bracket.		
14	Install the screws.		
	Tightening torque		
	Tractor protection valve bracket, screw	M8	
		24 ±4 Nm	
		(18 ±3 lb _f ·ft)	



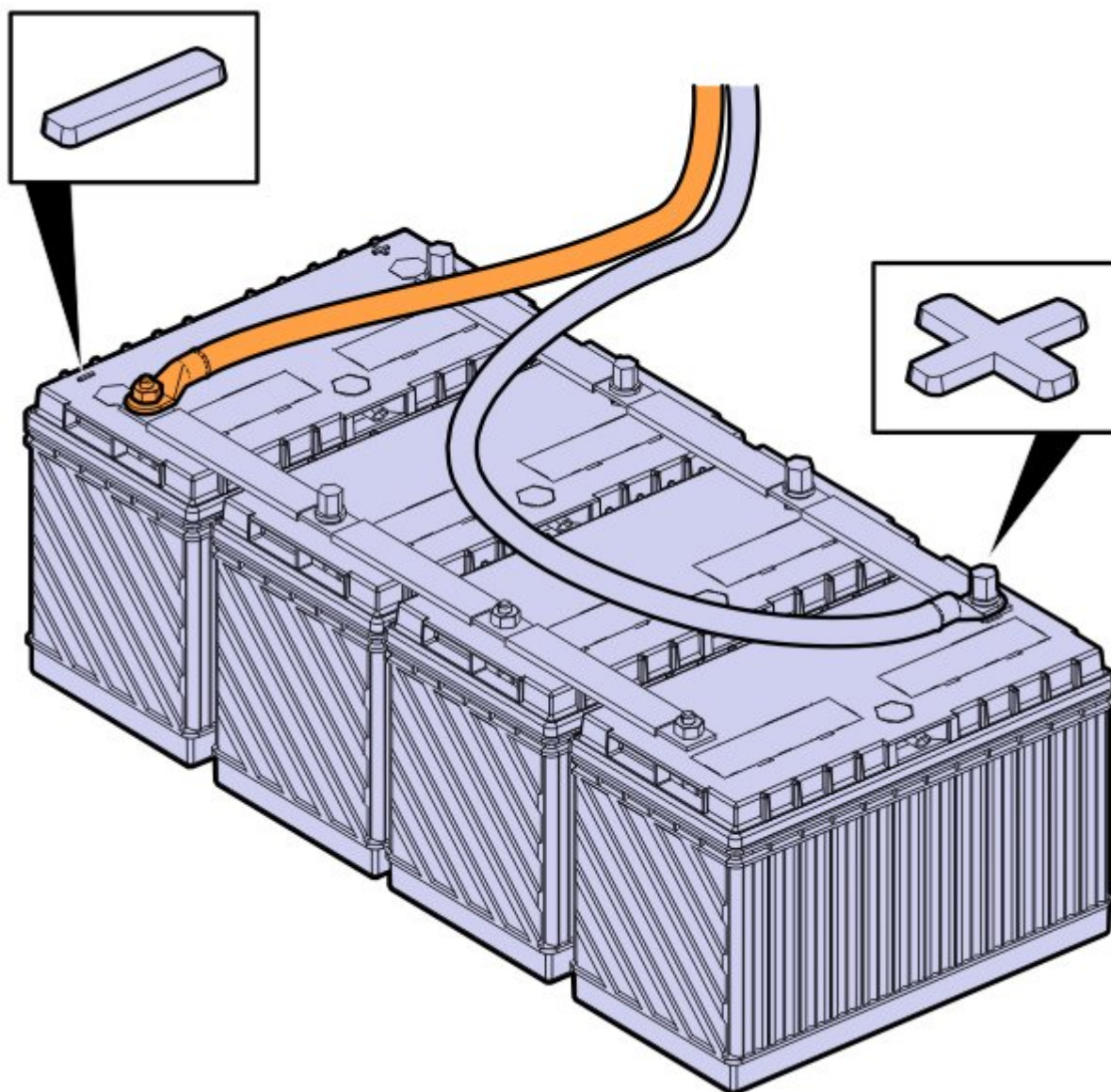
15	Install the connector.		
	Tightening torque		
	Trailer plug connector, screw	M8	
		24 ±4 Nm	
		(18 ±3 lb _f ·ft)	



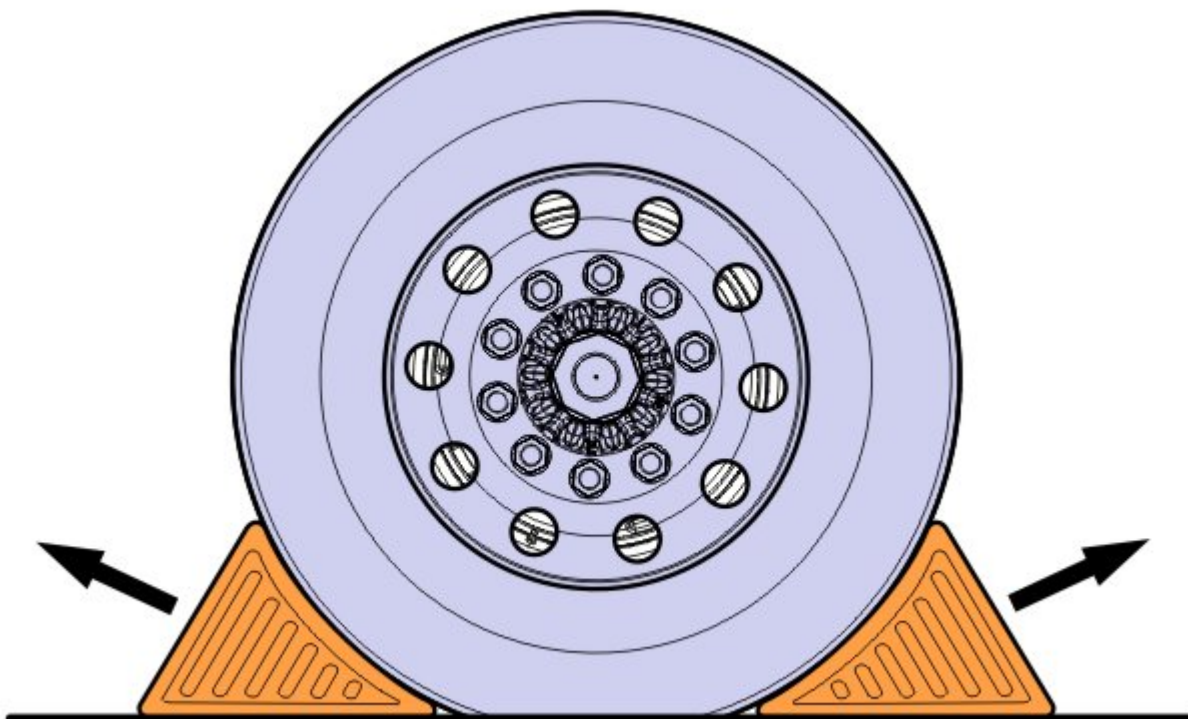
16	Connect the air lines.
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17	Connect the battery cable to negative (ground) terminal.
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18	Start the engine.
19	<p>Idle engine until the pneumatic system is at operational pressure.</p> <div> <div>i</div> <div> <p>Note</p> <p>The pneumatic system is full when the compressor unloads.</p> </div> </div>
20	Remove the wheel chocks.



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Check the operation of any component disconnected during this procedure.
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