

TOOL USE INSTRUCTION

RIVIAN

TOOL NUMBER TSN00534-300

TITLE KIT, COOLING SYSTEM PLUG

REV - DATE REV A - 07/20/2026

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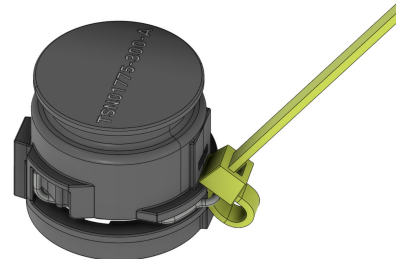
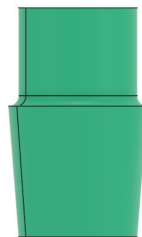
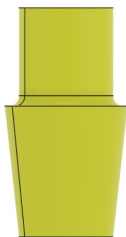
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TOOL FUNCTION

PLUGGING COOLANT CONNECTIONS.





WARNING

Do not perform procedure if tool is damaged or missing parts. Consult the Rivian Service Tool Catalog for replacement components.

Failure to follow guidelines outlined in this document could result in injury and/or property damage.

SAFETY GUIDELINES

1	PPE Required • Eye protection • Gloves	
2	Risk of Pinch Point • Be careful when inserting or removing plugs	
3	Risk of • Damage to vehicle or property • Ensure that all plugs are out-of-vehicle once procedure is complete	



SPECIFICATIONS

WEIGHT: 2 LBS

OVERALL DIMENSIONS: 50.8MM X 244.5MM X 342.9MM



COMPONENT GUIDE

Item	Qty.	Description	MFR.	MFR. P/N
1	8	TAPERED PLUG (12.7MM - 16.6MM) PINK	CAPLUGS	UP0-H
2	8	TAPERED PLUG (15.8MM - 19.8MM) RED	CAPLUGS	UP2-H
3	8	TAPERED PLUG (18.2MM - 23.8MM) YELLOW	CAPLUGS	UP3-H
4	8	TAPERED PLUG (23MM - 27MM) LIGHT GRN	CAPLUGS	HUP5-H
5	4	PLUG, COOLANT MANIFOLD, NW16	COOLANT EXPERT	17127799184
6	1	PART DIVIDER BOX	FLAMBEAU	999-2



1

In each kit, there's 5 different sized plugs.

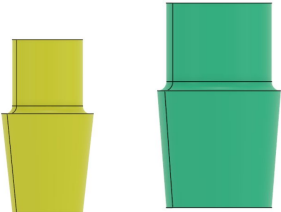
For male connections, red, yellow, pink, and NW16 are utilized.

For female connections, green is utilized.

Each plug corresponds to a different coolant port size.

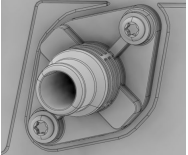
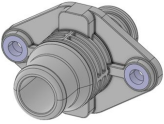
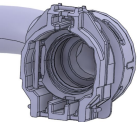


Male

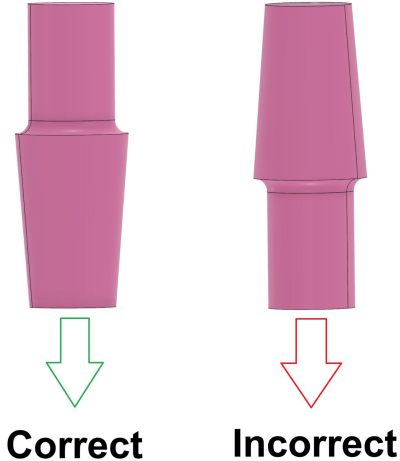


Female



Port Image	Compatibility	Size (ID)	Tapered Plug(s) to Use
	- C1 - LFP100 (Bengal)	14mm	
	LFP100 (Baltic)	14mm	
	C3	15mm	 
	Gobi (R2 Battery)	15mm	 
	- Origin - Enduro - Ascent - Gobi (R2 Battery)	16mm	 
	- Maximus - Enduro - Ascent - Origin	23.1mm	
	- Maximus - Enduro - Ascent - Origin	23.1mm	
	- Enduro - Ascent - Origin	21.4mm	



1	Once disconnected, plug off the first connection as shown. Push plug into coolant port until it can no longer travel. Note: Do not bury the plug all the way into the port. If this happens the plug is too small and can get lodged too deep into the coolant manifold. Use the next size up.	
2	Ensure that the smaller OD leads-in when inserted. Do NOT lead-in using the larger OD. Ensure the plug seats on the taper Once verified, repeat steps 1-2 for remaining connections	



3

Once servicing is completed, disconnect all plugs from the vehicle.

Ensure that ALL plugs are accounted for and aren't lodged or lost inside coolant hoses.

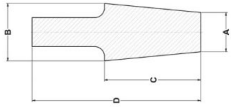
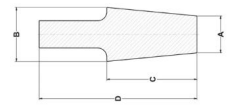
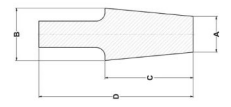
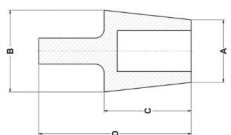
If a plug becomes lodged in the coolant manifold it can block flow and cause overheating

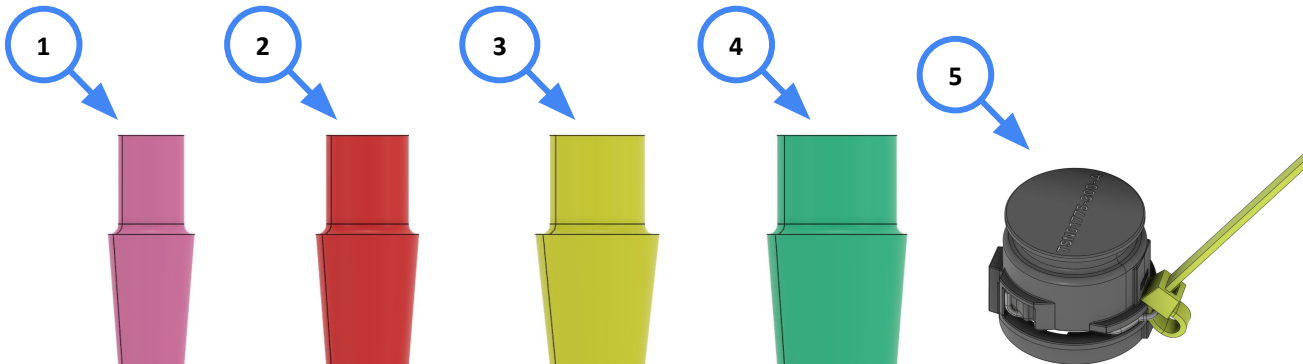


TASK	FREQUENCY
Inspect items in kit for wear, scratches, or nicks	Before Each Use
Clean each used item and return kit to its storage location	After Each Use



FOR OTHER ITEMS NOT SHOWN, CONTACT RIVIAN SERVICE TOOL ENGINEERING

ITEM	DESCRIPTION	SUPPLIER + PART NUMBER	PHOTO
1	TAPERED PLUG (12.7MM - 16.6MM) PINK	TOOL ENGINEERING #TSN00534-200-A	
2	TAPERED PLUG (15.8MM - 19.8MM) RED	TOOL ENGINEERING #TSN00534-201-A	
3	TAPERED PLUG (18.2MM - 23.8MM) YELLOW	TOOL ENGINEERING #TSN00534-202-A	
4	TAPERED PLUG (23MM - 27MM) LIGHT GRN	TOOL ENGINEERING #TSN00534-203-A	
5	PLUG, COOLANT MANIFOLD, NW16	TOOL ENGINEERING #TSN01775-300-A	



PROBLEM	SOLUTION
Plug is showing excessive resistance or doesn't fit during install	• Make sure that smaller end is leading-in • Use a smaller plug size
Plug is looser than expected and/or drops into port after install	• Retrieve the lost plug from-vehicle • Use a larger plug size





PPE REQUIRED

- eye protection
- gloves



CAUTION

Risk of

- damage to vehicle or property

REV	DATE	CHANGE DESCRIPTION
A	07/20/2026	Initial release
B	08/04/2026	Added NW16 plugs to kit, increased packaging size

