

REFERENCE:	TSB: 07-007-23 GROUP 07 - Cooling	Date:	May 18, 2023	REVISION:	07-002-21
VEHICLES AFFECTED:	2013 - Current (ALL) (Stellantis Group Vehicles)			MARKET APPLICABILITY:	
				<input checked="" type="checkbox"/> **NA	<input checked="" type="checkbox"/> MEA
				<input checked="" type="checkbox"/> SA	<input checked="" type="checkbox"/> IAP
				<input checked="" type="checkbox"/> EE	<input checked="" type="checkbox"/> CH**

This bulletin supersedes Technical Service Bulletin (TSB) 07-002-21, date of issue September 29, 2021, which should be removed from your files. All revisions are highlighted with ****asterisks**** and include adding regions.

NOTE: This Informational bulletin applies to all 2013 - Current Stellantis vehicles equipped with gasoline or diesel engines.

DISCUSSION:

Through warranty analysis and component testing it has been confirmed filling the vehicle cooling system with any water other than distilled water can lead to coolant leakage through the water pump mechanical seal. If “tap or well” water is added to the cooling system to dilute concentrated coolant, hard particulate and minerals may be present in most “tap or well” water and will build up between the water pump mechanical seal faces as the coolant mixture passes through the mechanical seal and evaporates by design. The harder (poorer the quality) the tap or well water the more likely the pump is to develop a leak.

Refilling Coolant System After Service

In order to avoid vehicles returning with coolant leaks from the water pump after a cooling system service has been performed, we recommend the following:

- Always refill the cooling system using pre-diluted Mopar 50/50 coolant or Mopar concentrated coolant diluted with distilled water only (**DO NOT DILUTE WITH TAP OR WELL WATER**).
- If the dealership has a properly maintained Reverse Osmosis Water Purification system this may be used for diluting concentrate if distilled water is not available. Well water should never be used.
- Also if topping off a vehicle that is found to be low on coolant, always top off with pre-diluted Mopar 50/50 coolant (**DO NOT DILUTE WITH TAP OR WELL WATER**).

POLICY:

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