

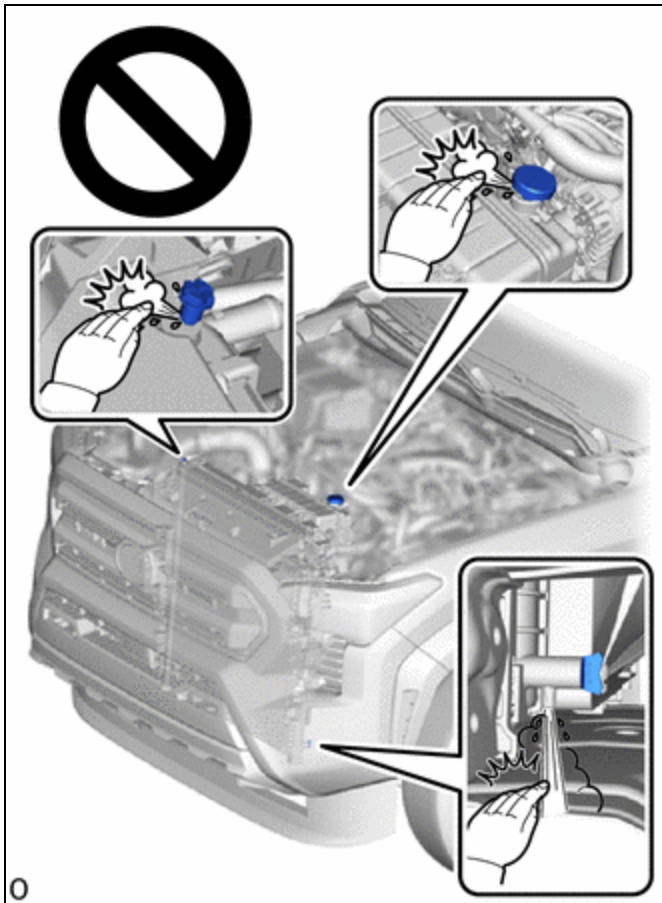
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Model Year Start: 2024	Model: Tacoma	Prod Date Range: [03/2024 -]
Title: T24A-FTS (COOLING): COOLING SYSTEM: ON-VEHICLE INSPECTION; 2024 MY Tacoma Tacoma HV [03/2024 -]		

ON-VEHICLE INSPECTION

CAUTION / NOTICE / HINT

CAUTION:

Do not remove the radiator reserve tank cap or radiator drain cock plug or interface degas plug while the engine and radiator assembly are still hot. Pressurized, hot engine coolant and steam may be released and cause serious burns.



PROCEDURE

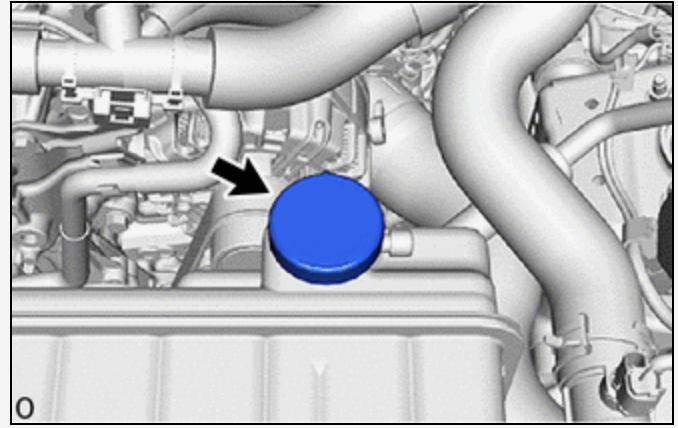
1. INSPECT FOR COOLANT LEAK (for Engine)

CAUTION:

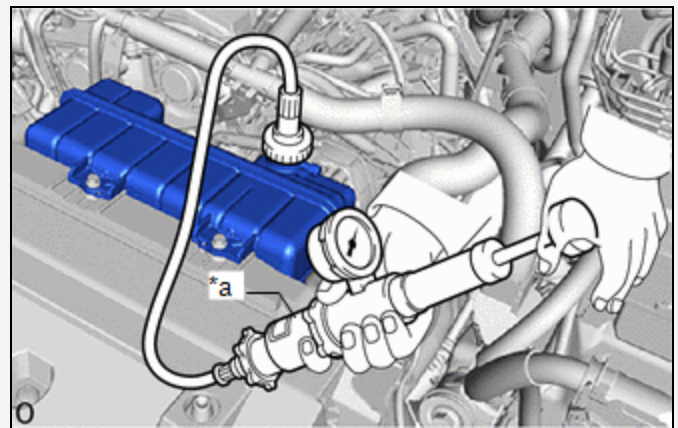
Do not remove the radiator reserve tank cap or radiator drain cock plug or interface degas plug while the engine and radiator assembly are still hot. Pressurized, hot engine coolant and steam may be released and cause serious burns.

Pre-procedure1

- (a) Remove the radiator reserve tank cap.



- (b) Fill the radiator assembly with engine coolant, and then install a radiator cap tester.



*a Radiator Cap Tester

- (c) for 1Motor-HEV Model:

- (1) Put the engine in Inspection Mode (Maintenance Mode).

Powertrain > Hybrid Control > Utility

TESTER DISPLAY

Inspection Mode

- (d) Warm up the engine.

Procedure1

- (e) Pump the radiator cap tester to 93.3 to 122.7 kPa (1.0 to 1.3 kgf/cm², 14 to 18 psi), and then check that the pressure does not drop.

- If the pressure drops, check the hoses, radiator assembly and engine water pump assembly for leaks.
- If there are no signs of external engine coolant leaks, check the heater core, cylinder block sub-assembly and cylinder head sub-assembly.

Post-procedure1

- (f) Remove the radiator cap tester.
 (g) Install the radiator reserve tank cap.

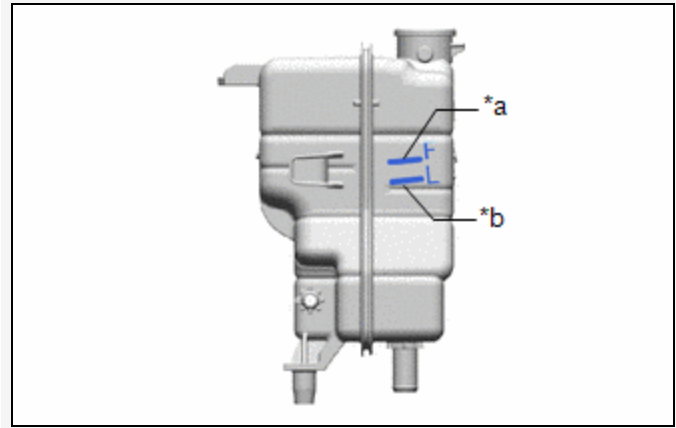
2. INSPECT ENGINE COOLANT LEVEL IN RESERVOIR TANK (for Engine)

- (a) Check that the engine coolant level is between the L line and F line when the engine is cold.

If the engine coolant level is low, check for leaks and add engine coolant to the F line.

NOTICE:

Do not substitute plain water for engine coolant.



*a	F Line
*b	L Line

3. INSPECT ENGINE COOLANT QUALITY (for Engine)

CAUTION:

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Pre-procedure1

- (a) Remove the radiator reserve tank cap.

Procedure1

- (b) Check if there are any excessive deposits of rust or scale around the radiator reserve tank cap and water filler hole. Also, the engine coolant should be free of oil.

If excessively dirty, replace the engine coolant.

Post-procedure1

- (c) Install the radiator reserve tank cap.