

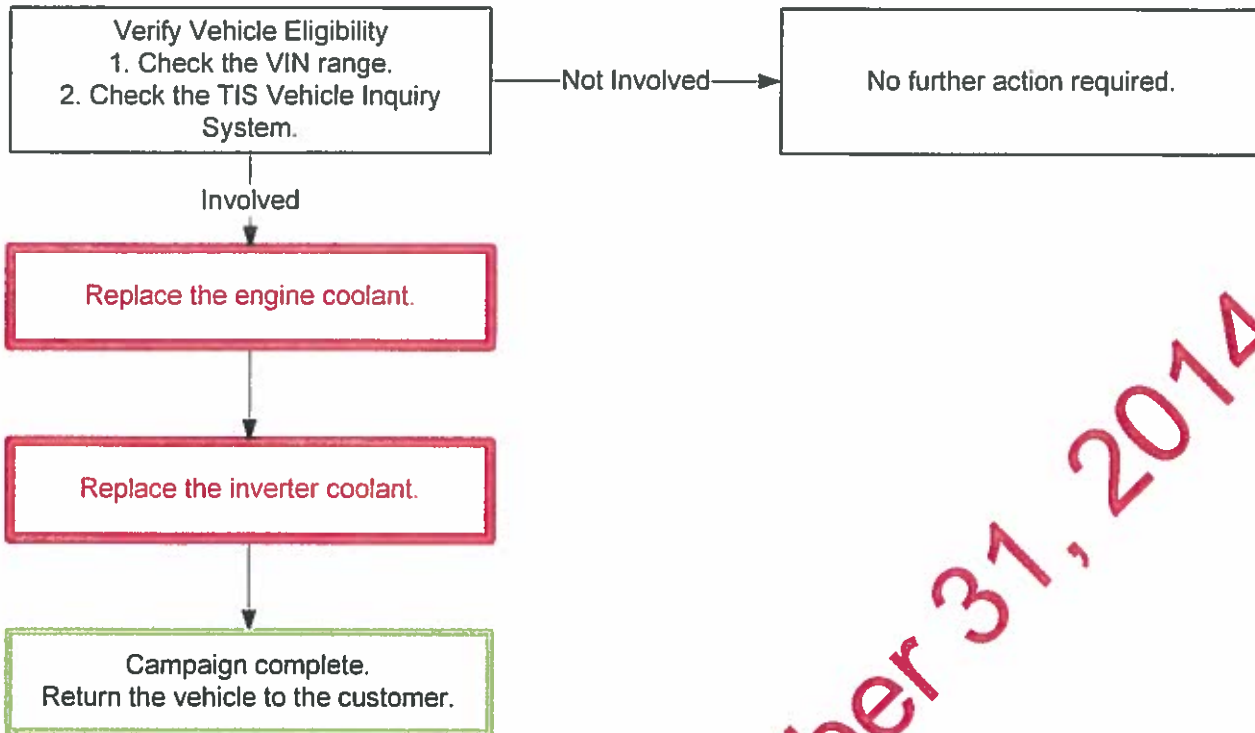


BLE Expired on October 31, 2014

TECHNICAL INSTRUCTIONS
FOR
LIMITED SERVICE CAMPAIGN BLE
ENGINE / INVERTER COOLANT REPLACEMENT
CERTAIN 2011 MODEL YEAR CT200h

BLE Expired on October 31, 2014

I. OPERATION FLOW CHART



II. IDENTIFICATION OF AFFECTED VEHICLES

A. AFFECTED VINs

Model	WMI	Year	VIN Range	
			VDS	Range
CT200h	JTH	2011	KD5BH	2000113 - 2018907

NOTE:

- Check the TIS Vehicle Inquiry System to confirm the VIN is involved in this Limited Service Campaign, and that the campaign has not already been completed prior to dealer shipment or by another dealer.
- TMS warranty will not reimburse dealers for repairs conducted on vehicles that are not covered or were completed by another dealer.

III. PREPARATION

A. PARTS

Part Number	Part Name	Quantity
90430-18008	Gasket	1

B. SUPPLIES

Part Number	Part Name	Quantity
00272-SLLC2	Super Long Life Coolant (SLLC)	Approximately 9.1 – 9.5 quarts

C. TOOLS & EQUIPMENT

- Standard hand tools
- Techstream
- Coolant concentration checker

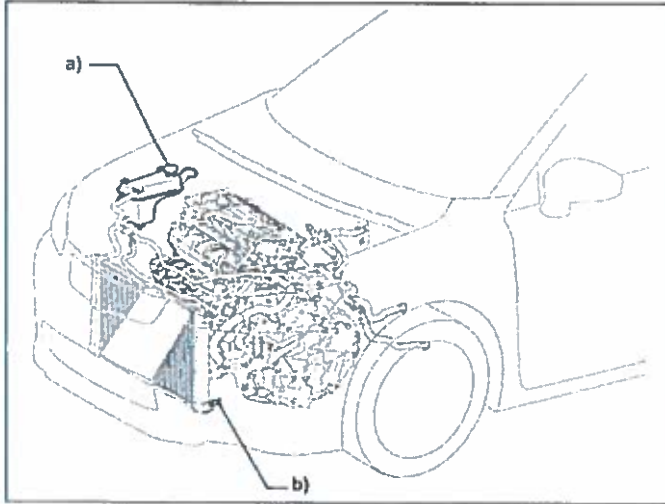
IV. BACKGROUND

On certain 2011 model year CT 200h vehicles, the engine and hybrid system may have been filled with an improper mixture of coolant (Super Long Life Coolant).

V. WORK PROCEDURE

A. REMOVE THE NO. 1 ENGINE UNDER COVER

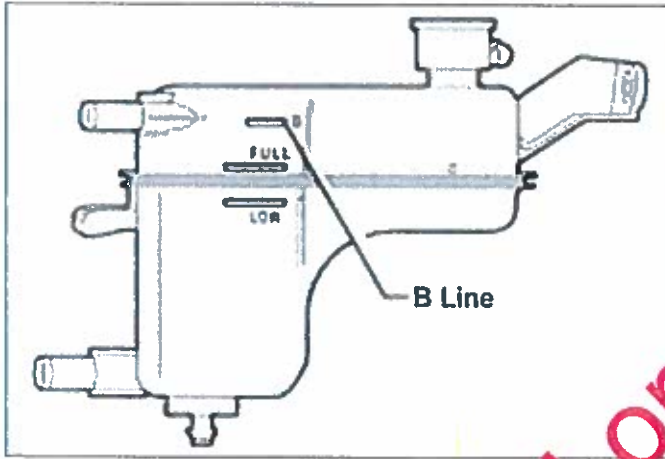
B. REPLACE THE ENGINE COOLANT



1. DRAIN THE ENGINE COOLANT

- Remove the reserve tank cap.
- Loosen the radiator drain cock plug and drain the coolant.

NOTE: DO NOT remove the reserve tank cap or radiator drain cock plug if the engine coolant is hot.



2. REFILL THE ENGINE COOLANT

- Tighten the drain cock plug.
- Add new coolant to the 'B Line' of the reserve tank.
- Squeeze the radiator hoses by hand to remove any air bubbles in the cooling system.

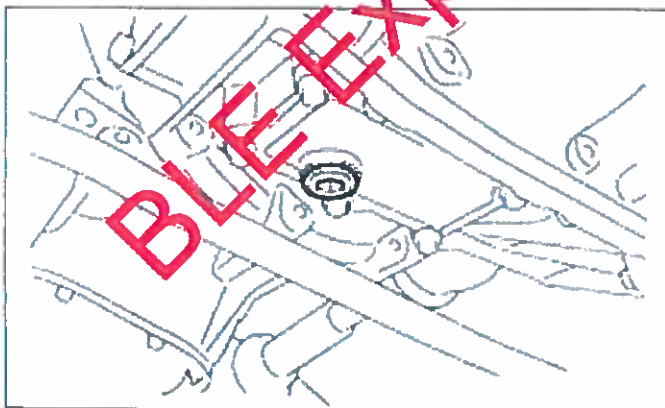
Capacity:

- With Exhaust Heat Recirculation System
6.5 liters (7.3 quarts)
- Without Exhaust Heat Recirculation System
6.5 liters (6.9 quarts)

3. CONFIRM THE ENGINE COOLANT LEVEL

- Put the engine in inspection mode.
- Bleed all air from the system.
- Confirm the coolant level.

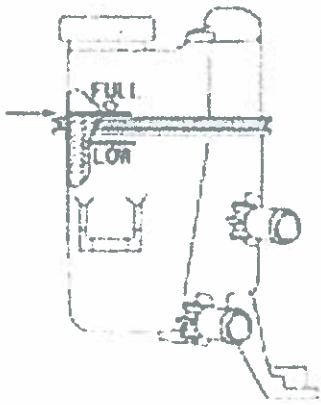
C. REPLACE THE INVERTER COOLANT



1. DRAIN THE INVERTER COOLANT

- Remove the reserve tank cap.
- Remove the inverter drain plug.
- Collect the draining coolant for measurement to determine how much new coolant to refill.

NOTE: DO NOT remove the reserve tank cap or inverter drain plug if the inverter coolant is hot.



2. REFILL THE INVERTER COOLANT

- a) Install the drain plug with new gasket.
Torque: 39N·m (397kgf·cm, 29ft. lbf)
- b) Add new coolant to the reserve tank.
Capacity: 2.1 liters (2.2 quarts)
- c) Use Techstream to activate the inverter water pump.
- d) Continue to add coolant until excess water pump noise is gone.
- e) Confirm slightly more coolant has been added than was drained.
- f) Confirm the coolant level.

STOP If the vehicle is driven with air in the inverter cooling system damage may occur and DTCs may set.

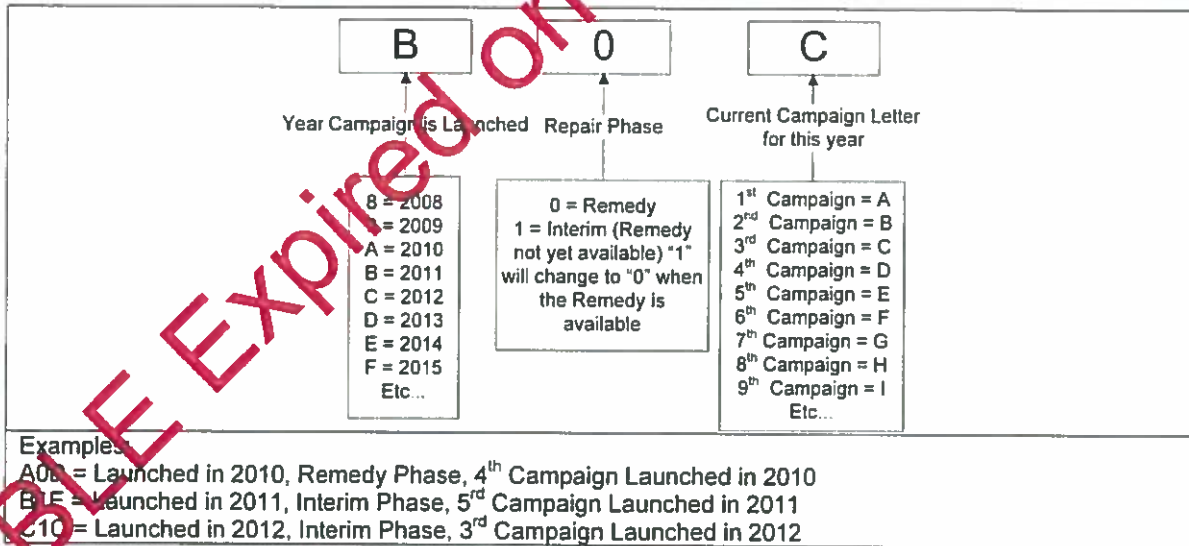
- D. INSTALL THE NO. 1 ENGINE UNDER COVER
- E. CHECK FOR DTCs
- F. TEST DRIVE THE VEHICLE

◀ VERIFY REPAIR QUALITY ▶

- Confirm **NEW** Toyota Genuine SLLC or equivalent is used
- Confirm engine and inverter cooling systems are bled completely
- Confirm engine and inverter coolant levels are set correctly
- If you have any questions regarding this recall, please contact your regional representative

VI. APPENDIX

A. CAMPAIGN DESIGNATION DECODER



B. RECALL PARTS DISPOSAL

As required by Federal Regulations, please make sure all recalled parts (original parts) removed from the vehicle are disposed of in a manner in which they will not be reused, **unless requested for parts recovery return.**

