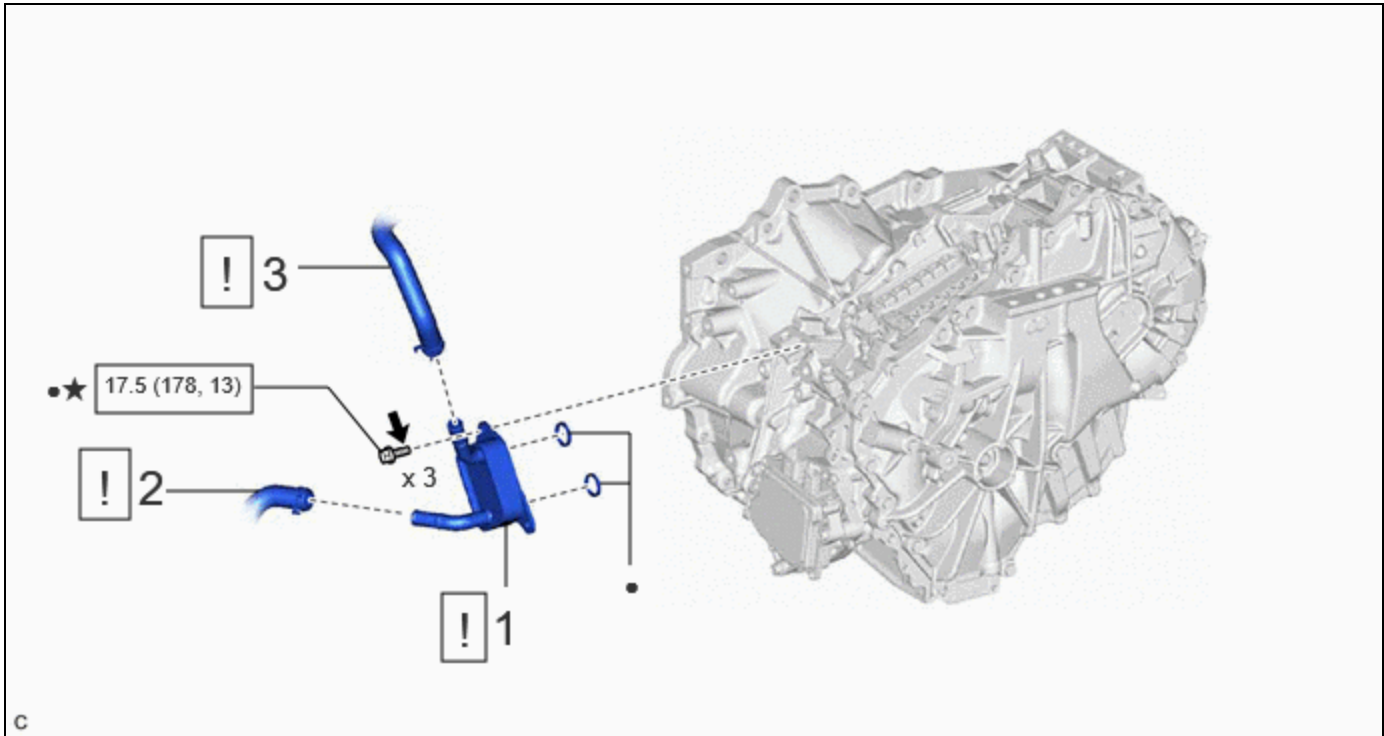


Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM10000002BNT1
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: PA10/PB10/PB12 (HYBRID TRANSMISSION / TRANSAXLE): PB10/PB12 OIL COOLER: INSTALLATION; 2023 - 2024 MY Prius Prime [03/2023 -]		

INSTALLATION

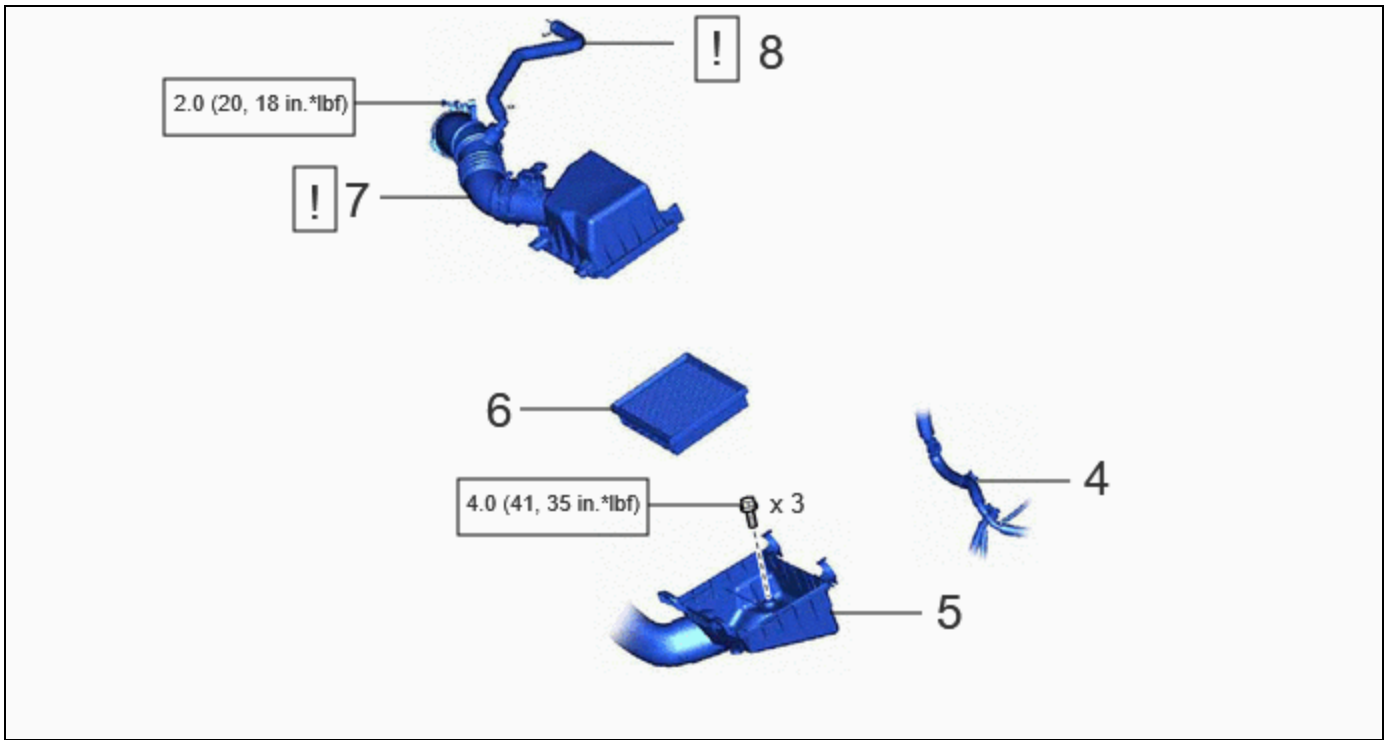
CAUTION / NOTICE / HINT

COMPONENTS (INSTALLATION)



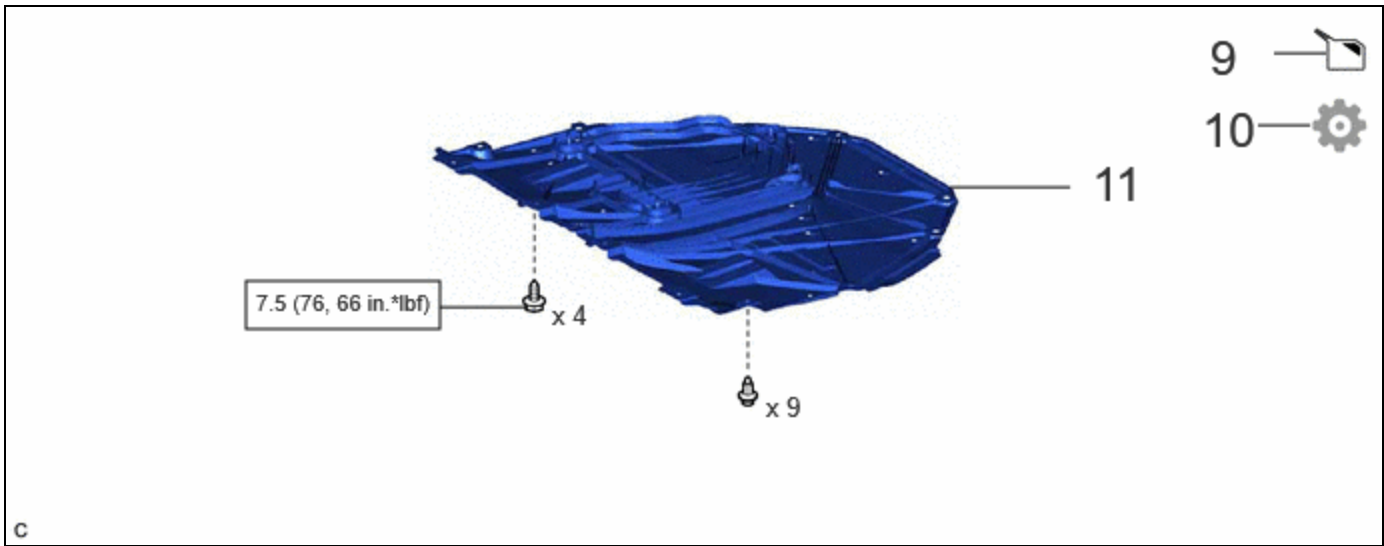
	PROCEDURE	PART NAME CODE	!	📄	⚙️
1	MOTOR COOLING COOLER	G125AA	INFO	-	-
2	OUTLET NO. 2 INVERTER COOLING HOSE	G922D	INFO	-	-
3	OUTLET NO. 1 INVERTER COOLING HOSE	G922C	INFO	-	-

☐	N*m (kgf*cm, ft.*lbf): Specified torque	• Non-reusable part
➔	Toyota Genuine Adhesive 1324, Three Bond 1324 or equivalent	★ Precoated part



PROCEDURE		PART NAME CODE			
4	ENGINE WIRE	82121	-	-	-
5	AIR CLEANER CASE SUB-ASSEMBLY	17701	-	-	-
6	AIR CLEANER FILTER ELEMENT SUB-ASSEMBLY	17801	-	-	-
7	AIR CLEANER CAP WITH AIR CLEANER HOSE	-	INFO	-	-
8	NO. 2 VENTILATION HOSE	12262	INFO	-	-

	N*m (kgf*cm, ft.*lbf): Specified torque	-	-
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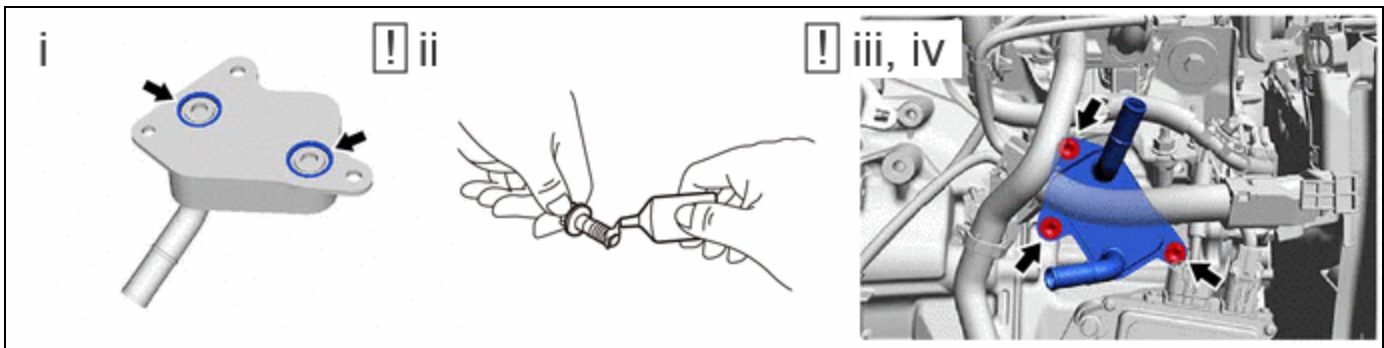


PROCEDURE		PART NAME CODE			
9	ADD COOLANT (for Inverter)	-	-	INFO	-
10	INSPECT FOR COOLANT LEAK (for Inverter)	-	-	-	INFO
11	NO. 1 ENGINE UNDER COVER ASSEMBLY	51410	-	-	-

	N*m (kgf*cm, ft.*lbf): Specified torque	-	-
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PROCEDURE

1. INSTALL MOTOR COOLING COOLER



- (1) Install 2 new gaskets to the motor cooling cooler.
- (2) Apply adhesive to 2 or 3 threads on the ends of the 3 new bolts.

Adhesive:

Toyota Genuine Adhesive 1324, Three Bond 1324 or equivalent

NOTICE:

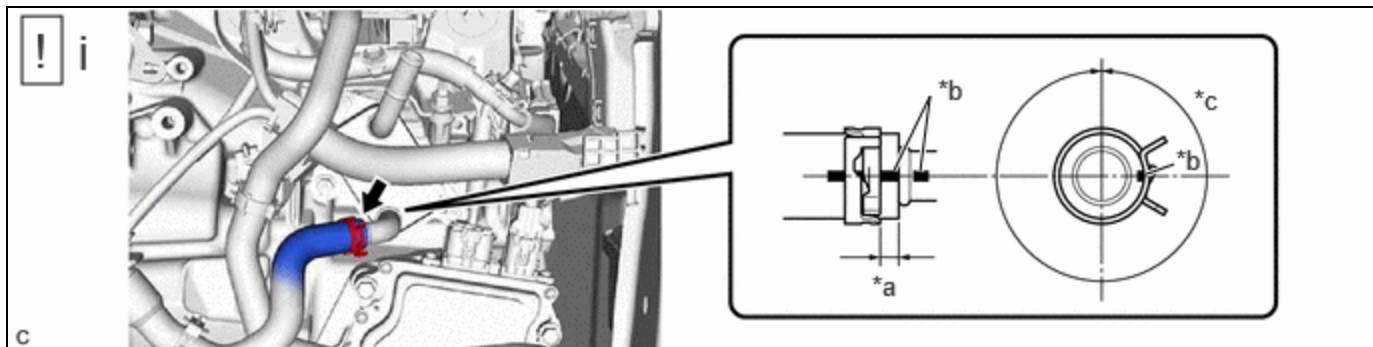
Make sure to install the 3 bolts immediately after applying adhesive to prevent foreign matter from attaching to them.

- (3) Temporarily install the motor cooling cooler to the hybrid vehicle transaxle assembly with 3 new bolts.
- (4) Tighten the 3 bolts.

Torque:

17.5 N·m {178 kgf·cm, 13 ft·lbf}

2. CONNECT OUTLET NO. 2 INVERTER COOLING HOSE



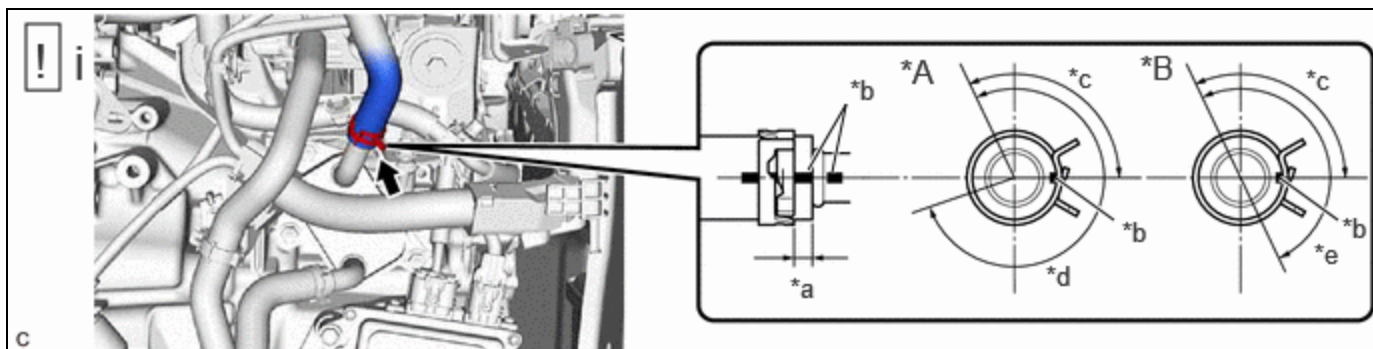
*a	2 to 11 mm (0.0787 to 0.433 in.)	*b	Paint Mark
*c	360° (Claw of Clip Location)	-	-

- (1) Connect the outlet No. 2 inverter cooling hose to the motor cooling cooler and slide the clip to secure it.

NOTICE:

- Make sure to slide the outlet No. 2 inverter cooling hose until it contacts the hose stopper of the motor cooling cooler.
- Make sure to align the paint mark of the outlet No. 2 inverter cooling hose with the paint mark of the motor cooling cooler.
- Make sure that the claws of the clip are within the location shown in the illustration.

3. CONNECT OUTLET NO. 1 INVERTER COOLING HOSE



*A	for PB10	*B	for PB12
*a	2 to 11 mm (0.0787 to 0.433 in.)	*b	Paint Mark
*c	115° (Claw of Clip Location)	*d	275° (Claw of Clip Location)
*e	180° (Claw of Clip Location)	-	-

- (1) Connect the outlet No. 1 inverter cooling hose to the motor cooling cooler and slide the clip to secure it.

NOTICE:

- Make sure to slide the outlet No. 1 inverter cooling hose until it contacts the hose stopper of the motor cooling cooler.
- Make sure to align the paint mark of the outlet No. 1 inverter cooling hose with the paint mark of the motor cooling cooler.
- Make sure that the claws of the clip are within the location shown in the illustration.


4. CONNECT ENGINE WIRE

5. INSTALL AIR CLEANER CASE SUB-ASSEMBLY


- for HEV Model: Click here [INFO](#)
- for PHEV Model: Click here [INFO](#)

6. INSTALL AIR CLEANER FILTER ELEMENT SUB-ASSEMBLY

7. INSTALL AIR CLEANER CAP WITH AIR CLEANER HOSE

	Click here INFO
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8. CONNECT NO. 2 VENTILATION HOSE

	Click here INFO
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9. ADD COOLANT (for Inverter)

Click here [INFO](#)

10. INSPECT FOR COOLANT LEAK (for Inverter)

Click here [INFO](#)

11. INSTALL NO. 1 ENGINE UNDER COVER ASSEMBLY

Click here [INFO](#)

