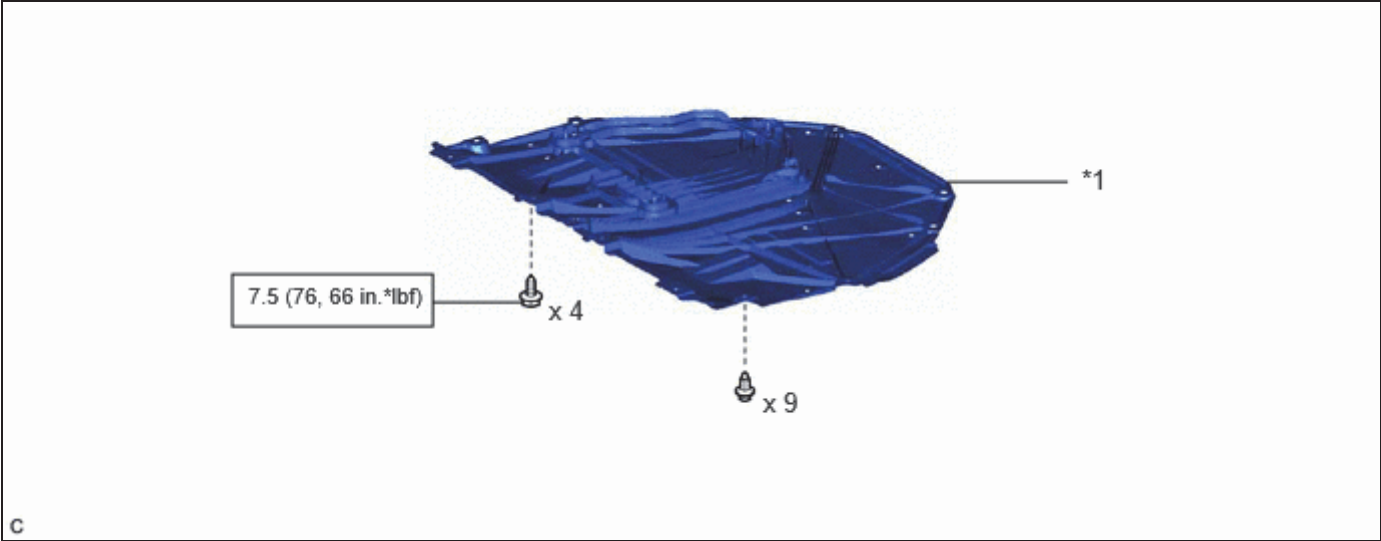


Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM1000000029ZBY
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: MAINTENANCE: PA10/PB10/PB12 HYBRID TRANSAXLE FLUID: COMPONENTS; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

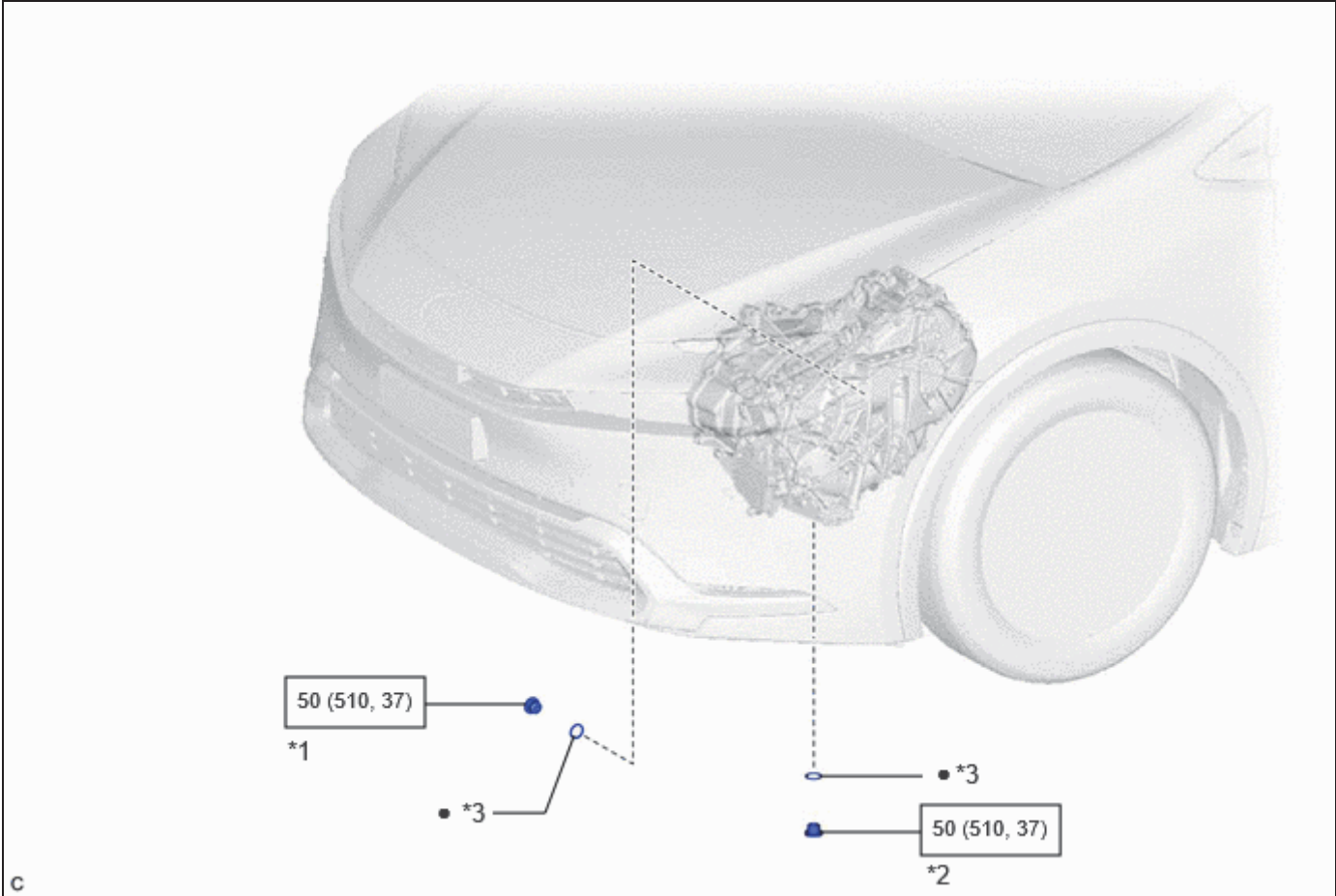
COMPONENTS

ILLUSTRATION



*1	NO. 1 ENGINE UNDER COVER ASSEMBLY	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	-	-

ILLUSTRATION



*1	FILLER PLUG	*2	DRAIN PLUG
*3	GASKET	-	-
	N*m (kgf*cm, ft.*lbf): Specified torque	•	Non-reusable part



Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM100000002BDXN
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: MAINTENANCE: PA10/PB10/PB12 HYBRID TRANSAXLE FLUID: REPLACEMENT; 2023 - 2024 MY Prius Prius Prime [03/2023 -]		

REPLACEMENT

PROCEDURE

1. REMOVE NO. 1 ENGINE UNDER COVER ASSEMBLY

- for 2ZR-FXE:

Click here

INFO

- for M20A-FXS:

Click here

INFO

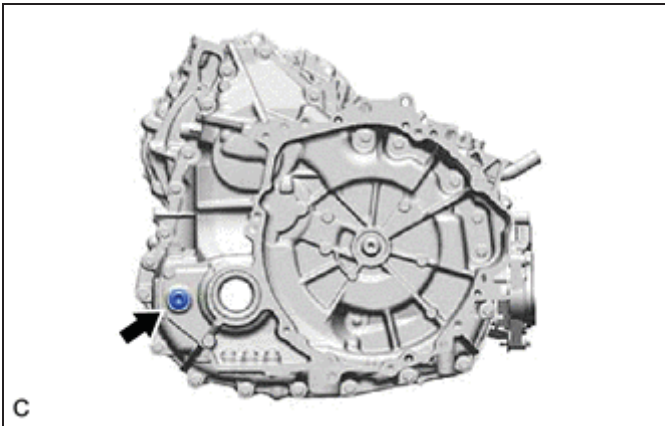
2. REPLACE HYBRID TRANSAXLE FLUID

- (a) Lift the vehicle. [#1]

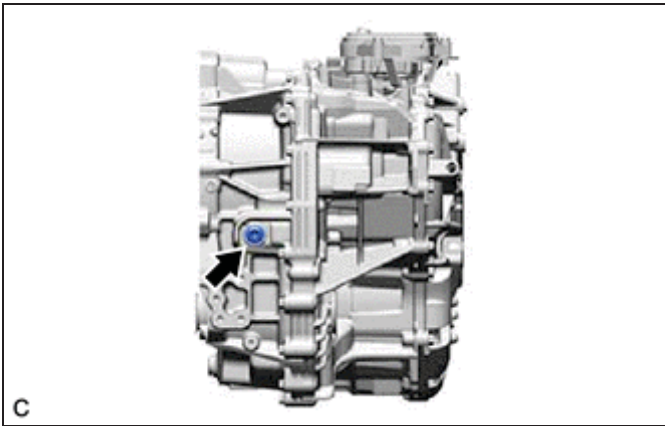
NOTICE:

Set the vehicle on a lift so that the vehicle is kept level when it is lifted up (make sure that the tilt angle from the front to rear of the vehicle is within +/- 1°).

- (b) Remove the filler plug and gasket from the hybrid vehicle transaxle assembly. [#2]



- (c) Using a 10 mm hexagon socket wrench, remove the drain plug and gasket from the hybrid vehicle transaxle assembly and drain the hybrid transaxle fluid. [#3]



(d) Using a 10 mm hexagon socket wrench, temporarily install the drain plug and gasket to the hybrid vehicle transaxle assembly. [#4]

HINT:
Reuse the old gasket as the drain plug will be removed again.

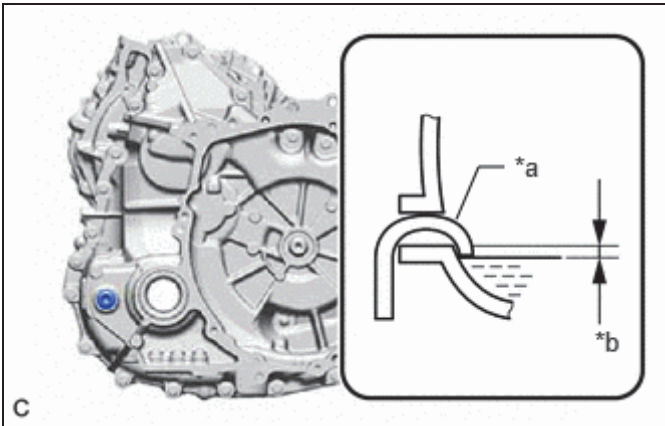
(e) for PA10:

- (1) Add hybrid transaxle fluid until the hybrid transaxle fluid level is between 0 to 6 mm (0 to 0.236 in.) from the bottom lip of the filler plug opening. [#5]

NOTICE:

- Use TOYOTA GENUINE e-Transaxle Fluid TE.

Using hybrid transaxle fluid other than the above type may cause abnormal noise or vibration, or ultimately damage the transaxle of the vehicle.
- Be sure to fully insert the filler nozzle into the filler plug opening.
- Be sure to add hybrid transaxle fluid slowly. If hybrid transaxle fluid is added quickly, the hybrid transaxle fluid may hit internal parts and bounce back, resulting in hybrid transaxle fluid coming out of the filler plug opening. When using a manual lever type oil bucket pump, operate the lever at a speed of approximately one pump every 2 seconds.
- Be sure to directly check that the hybrid transaxle fluid level is within the specified range.
- An insufficient or excessive amount of hybrid transaxle fluid may damage the hybrid vehicle transaxle assembly.



*a	Filler Nozzle
*b	for PA10: 0 to 6 mm (0 to 0.236 in.) for PB10, PB12: 0 to 10 mm (0 to 0.394 in.)

(f) for PB10, PB12:

- (1) Add hybrid transaxle fluid until the hybrid transaxle fluid level is between 0 to 10 mm (0 to 0.394 in.) from the bottom lip of the filler plug opening. [#5]

NOTICE:
• Use TOYOTA GENUINE e-Transaxle Fluid TE.

Using hybrid transaxle fluid other than the above type may cause abnormal noise or vibration, or ultimately damage the transaxle of the vehicle.

- Be sure to fully insert the filler nozzle into the filler plug opening.
- Be sure to add hybrid transaxle fluid slowly. If hybrid transaxle fluid is added quickly, the hybrid transaxle fluid may hit internal parts and bounce back, resulting in hybrid transaxle fluid coming out of the filler plug opening. When using a manual lever type oil bucket pump, operate the lever at a speed of approximately one pump every 2 seconds.
- Be sure to directly check that the hybrid transaxle fluid level is within the specified range.
- An insufficient or excessive amount of hybrid transaxle fluid may damage the hybrid vehicle transaxle assembly.

(g) Temporarily install the filler plug and gasket to the hybrid vehicle transaxle assembly. [#6]

HINT:

Reuse the old gasket as the filler plug will be removed again.

(h) Lower the vehicle. [#7]

(i) Put the engine in Inspection Mode (Maintenance Mode). [#8]

Click here [INFO](#)

(j) Idle the engine for 30 seconds with the ignition switch on (READY). [#9]

(k) Turn the ignition switch off. [#10]

(l) Repeat steps [#1] to [#10].

(m) Repeat steps [#1] to [#3].

(n) Using a 10 mm hexagon socket wrench, install the drain plug and a new gasket to the hybrid vehicle transaxle assembly.

Torque:

50 N·m {510 kgf·cm, 37 ft·lbf}

(o) Temporarily install the filler plug and gasket to the hybrid vehicle transaxle assembly.

HINT:

Reuse the old gasket as the filler plug will be removed again.

3. ADD HYBRID TRANSAXLE FLUID

Click here [INFO](#)

4. INSPECT HYBRID TRANSAXLE FLUID

Click here [INFO](#)

5. INSPECT FOR HYBRID TRANSAXLE FLUID LEAK

Click here [INFO](#)

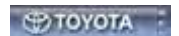
6. INSTALL NO. 1 ENGINE UNDER COVER ASSEMBLY

- for 2ZR-FXE:

Click here [INFO](#)

- for M20A-FXS:

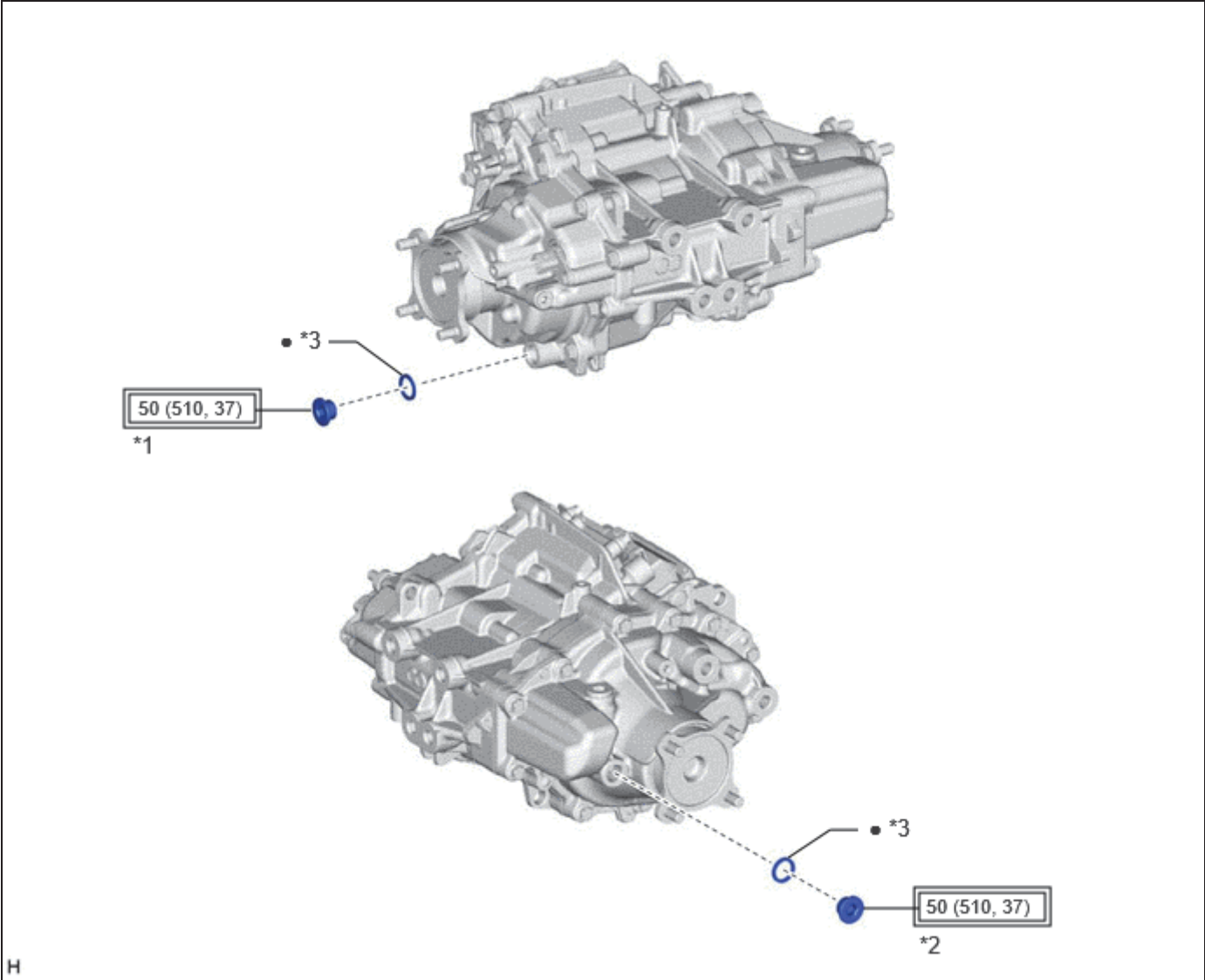
Click here [INFO](#)



Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM1000000029YN1
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: MAINTENANCE: Q810 HYBRID TRANSAXLE FLUID: COMPONENTS; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

COMPONENTS

ILLUSTRATION



*1	DRAIN PLUG	*2	FILLER PLUG
*3	GASKET	-	-
	Tightening torque for "Major areas involving basic vehicle performance such as moving/turning/stopping": N*m (kgf*cm, ft.*lbf)	•	Non-reusable part



Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM1000000029YN2
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: MAINTENANCE: Q810 HYBRID TRANSAXLE FLUID: REPLACEMENT; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

REPLACEMENT

CAUTION / NOTICE / HINT

NOTICE:

For the hybrid transaxle fluid, use TOYOTA GENUINE e-Transaxle Fluid TE.

Using hybrid transaxle fluid other than the above type may cause abnormal noise or vibration, or ultimately damage the transaxle of the vehicle.

PROCEDURE

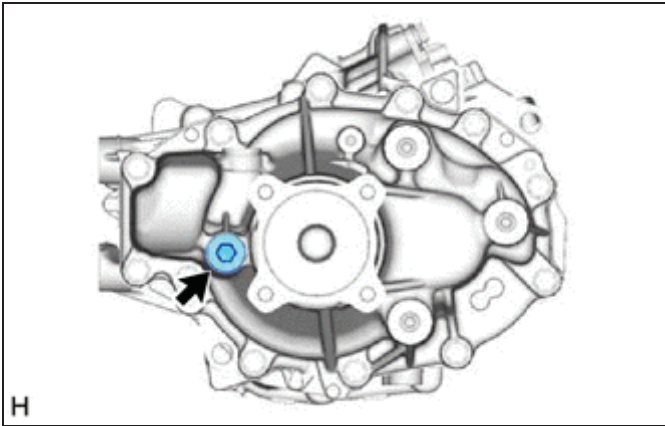
1. REPLACE HYBRID TRANSAXLE FLUID

(a) Lift the vehicle.

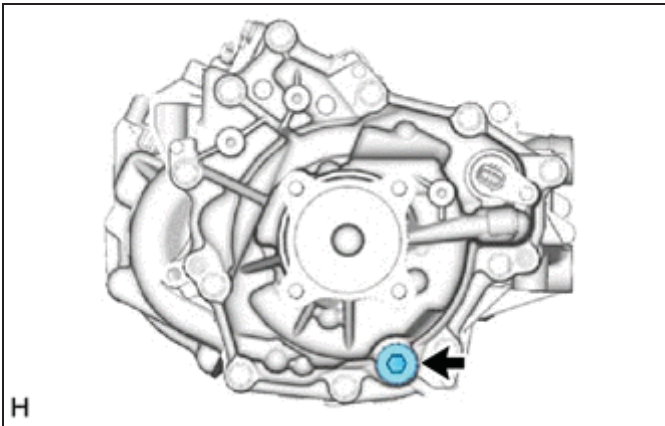
NOTICE:

Set the vehicle on a lift so that the vehicle is kept level when it is lifted up (make sure that the tilt angle from the front to rear of the vehicle is within +/- 1°).

(b) Using a 10 mm hexagon socket wrench, remove the filler plug and gasket from the rear traction motor with transaxle assembly.



(c) Using a 10 mm hexagon socket wrench, remove the drain plug and gasket from the rear traction motor with transaxle assembly and drain the hybrid transaxle fluid.



(d) Using a 10 mm hexagon socket wrench, install a new gasket and the drain plug to the rear traction motor with transaxle assembly.

Torque:
50 N·m {510 kgf·cm, 37 ft·lbf}

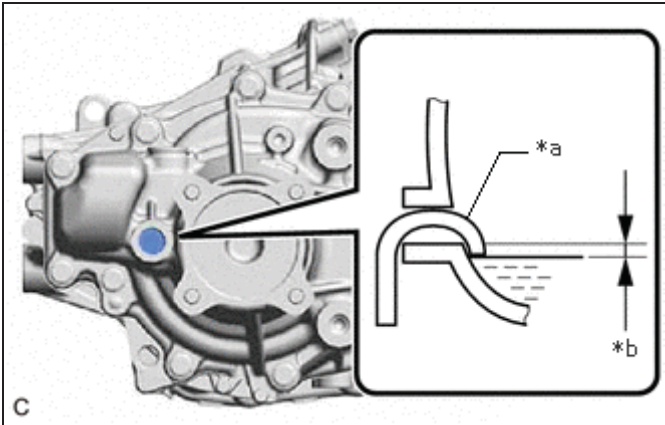
(e) Add hybrid transaxle fluid until the hybrid transaxle fluid level is between 0 to 5 mm (0 to 0.197 in.) from the bottom lip of the filler plug opening. [#]

Hybrid Transaxle Fluid Standard Capacity (for Reference):
1.4 liters (1.5 US qts, 1.2 Imp. qts)

NOTICE:

- Use TOYOTA GENUINE e-Transaxle Fluid TE.

Using hybrid transaxle fluid other than the above type may cause abnormal noise or vibration, or ultimately damage the transaxle of the vehicle.
- Be sure to fully insert the filler nozzle into the filler plug opening.
- Be sure to add hybrid transaxle fluid slowly. If hybrid transaxle fluid is added quickly, the hybrid transaxle fluid may hit internal parts and bounce back, resulting in hybrid transaxle fluid coming out of the filler plug opening.
- Be sure to directly check that the hybrid transaxle fluid level is within the specified range.
- Driving the vehicle with an insufficient or excessive amount of hybrid transaxle fluid may damage the rear traction motor with transaxle assembly.



*a	Filler Nozzle
*b	0 to 5 mm (0 to 0.197 in.)

(f) After adding hybrid transaxle fluid, leave the vehicle for 30 seconds so that the hybrid transaxle fluid surface can become still again, and then check that the hybrid transaxle fluid level is between 0 to 5 mm (0 to 0.197 in.) from the bottom lip of the filler plug opening. (If the hybrid transaxle fluid level is low, repeat this procedure from step [#].)

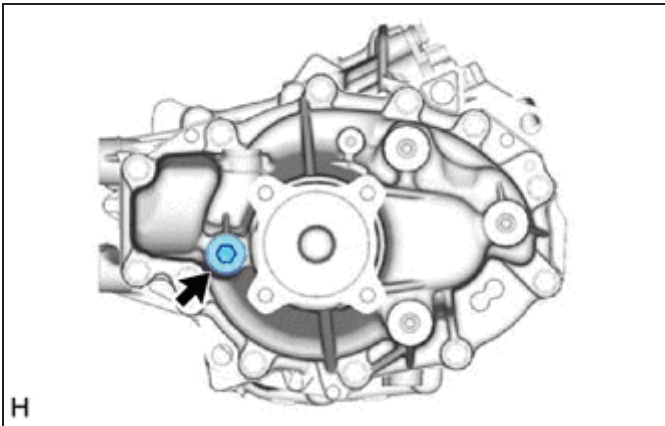
NOTICE:

After adding hybrid transaxle fluid, make sure to check the hybrid transaxle fluid level.

[Click here](#) 

(g) Using a 10 mm hexagon socket wrench, install a new gasket and the filler plug to the rear traction motor with transaxle assembly.

Torque:
50 N·m {510 kgf·cm, 37 ft·lbf}



(h) Check for hybrid transaxle fluid leaks.

Click here 

(i) Lower the vehicle.

