

2010 Lexus RX450H

Submodel: | Engine Type: V6 | Liters: 3.5

Fuel Delivery: FI | Fuel: ELECTRIC/GAS

Last Modified: 2010-11-30 00:00:00

Model Year: 2010

Engine Family: 2GR-FXE

Title: P313 HYBRID TRANSMISSION / TRANSAXLE: HYBRID TRANAXLE FLUID: REPLACEMENT (2010 RX450H)

A

Model: RX450H

Body Type:

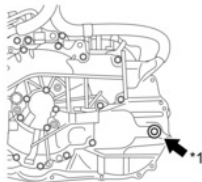
From:200903

Doc ID: RM000000QBO00UX

VDS: BC1BA ZB1BA

REPLACEMENT

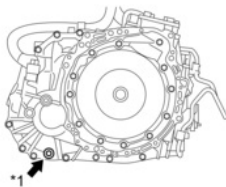
1. DRAIN HYBRID TRANSAXLE FLUID



(a) Using a hexagon socket wrench 10 mm, remove the filler plug and gasket.

Text in Illustration

*1 Filler Plug



(b) Using a hexagon socket wrench 10 mm, remove the drain plug and gasket.

Text in Illustration

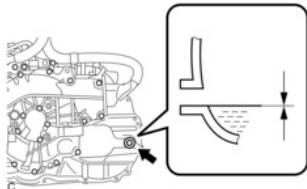
*1 Drain Plug

(c) Using a hexagon socket wrench 10 mm, install the drain plug and a new gasket.

Torque: **39 N·m (398 kgf·cm, 29 ft·lb)**

2. ADD HYBRID TRANSAXLE FLUID

(a) Add transaxle fluid until the transaxle fluid level is between 0 and 5 mm (0 and 0.197 in.) from the bottom lip of the differential filler plug opening.



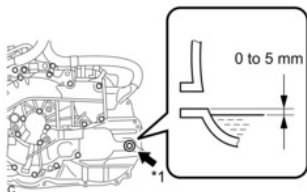
Text in Illustration

*1 Filler Plug

NOTICE:

- Keep the oil temperature at 5°C (41°F) or higher.
- Stop the vehicle on a flat road.
- Recheck the transaxle fluid level after driving when exchanging transaxle fluid.
- Insufficient or excessive amounts of transaxle fluid may be the cause of some trouble.

3. INSPECT AND ADJUST HYBRID TRANSAXLE FLUID



(a) Check that the transaxle fluid level is between 0 and 5 mm (0 and 0.197 in.) from the lowest position of the inner surface of the filler plug opening.

NOTICE:

- Keep the transaxle fluid temperature at 5°C (41°F) or higher.
- Stop the vehicle on a flat road.
- Recheck the transaxle fluid level after driving when exchanging transaxle fluid.
- Insufficient or excessive amounts of transaxle fluid may be the cause of some trouble.

(b) Using a hexagon socket wrench 10 mm, temporarily tighten the filler plug and gasket.

(c) Set the vehicle to FWD inspection mode. [Click here for more information.](#)

(d) After waiting for 1 minute or more, stop the engine.

(e) Using a hexagon socket wrench 10 mm, remove the filler plug and gasket.

(f) Add transaxle fluid.

(g) Check that the transaxle fluid surface is between 0 and 5 mm (0 and 0.197 in.) from the lowest position of the inner surface of the filler plug opening.

NOTICE:

- **Keep the transaxle fluid temperature at 5°C (41°F) or higher.**
- **Stop the vehicle on a flat road.**
- **Recheck the transaxle fluid level after driving when exchanging transaxle fluid.**
- **Insufficient or excessive amounts of transaxle fluid may be the cause of some trouble.**

(h) Check for leaks if the quantity of transaxle fluid is low.

(i) Using a hexagon socket wrench 10 mm, install the filler plug and a new gasket.

Torque: **39 N·m (398 kgf·cm, 29 ft·lb)**