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2017 TOYOTA Prius v/Prius+ OEM Service and Repair Workshop Manual

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Model Year Start: 2020	Model: Supra	Prod Date Range: [03/2019 -]
Title: PARKING BRAKE: FORCED RELEASE: OPERATION METHOD; 2020 - 2025 MY Supra [03/2019 -]		

OPERATION METHOD

CAUTION / NOTICE / HINT

PROCEDURE

1. PARKING BRAKE FORCED RELEASE

CAUTION:

Work on a level surface to ensure safety.

NOTICE:

- When moving the vehicle after releasing the parking brake, install all parts except the connector.
- A manual emergency release is possible via the spindle drives of the brake calipers. The actuator needs to be disassembled first. Following an emergency release, the electromechanical parking brake must be initialised.

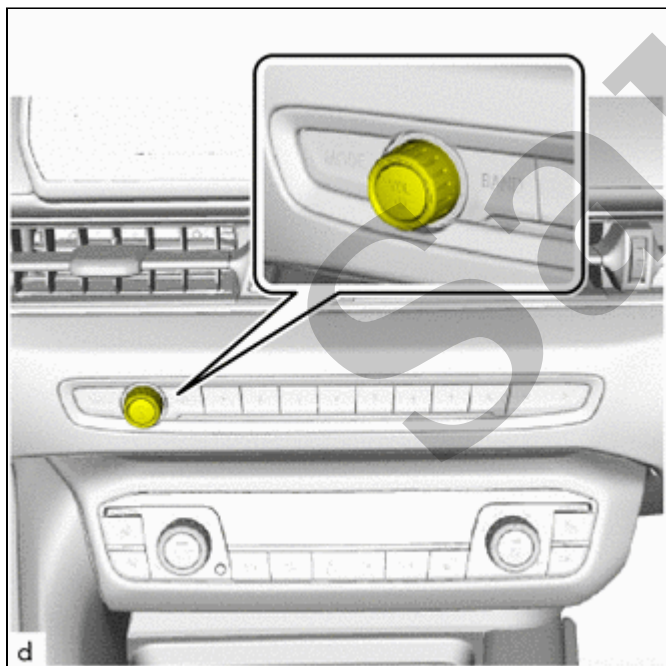
HINT:

- Use the same procedure for the RH side and LH side.
- The following procedure is for the LH side.

- Park the vehicle on a level surface and check that the shift lever is in P.
- Turn the START-STOP button (engine switch) off and check that the wheels are chocked.

HINT:

Pressing and holding the AUDIO button changes the power source mode to IG OFF.



- Remove the rear wheel.

Click here [INFO](#)

CAUTION:

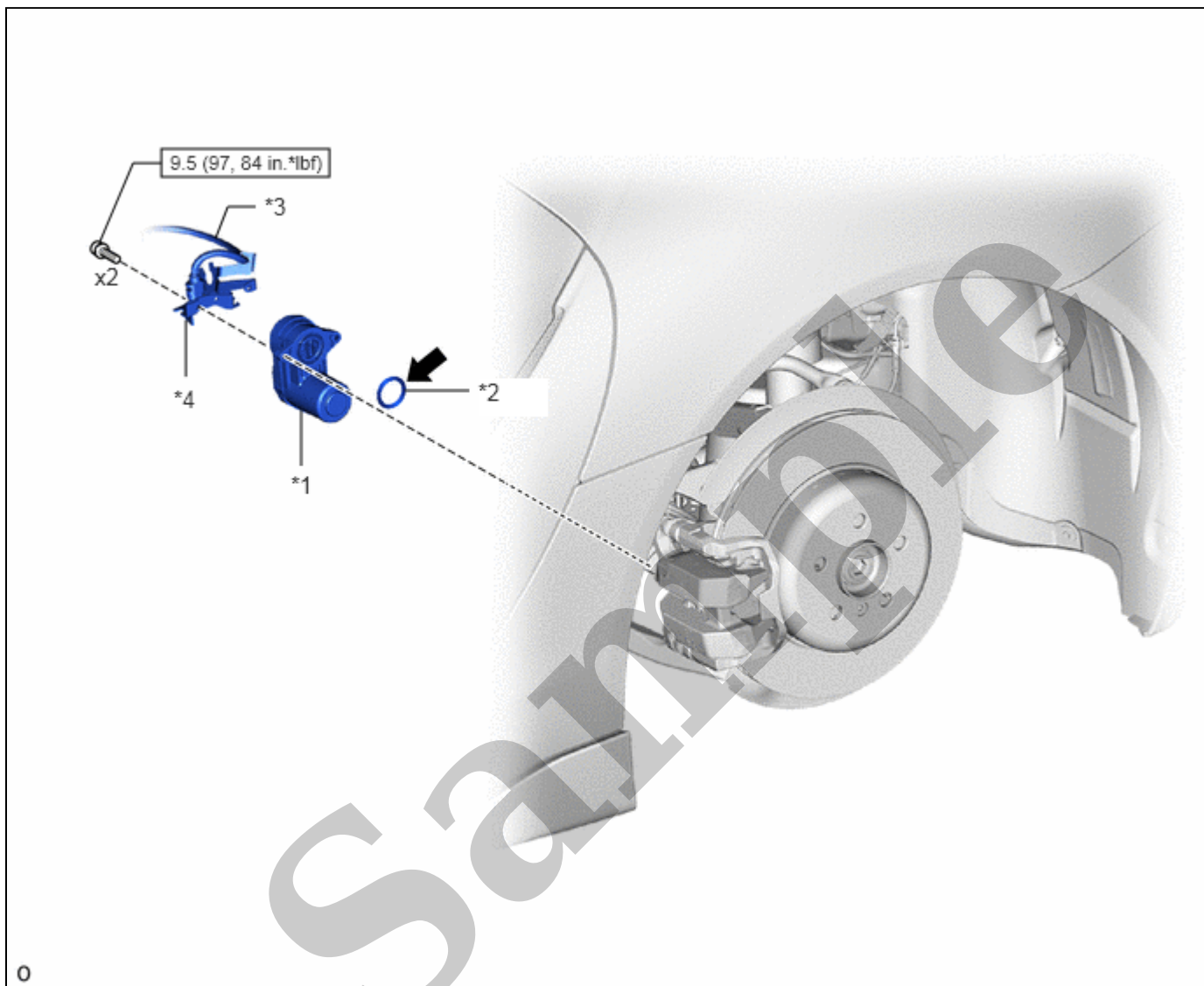
When using a jack to lift the vehicle, make sure to support the vehicle using safety stands. Do not work on the vehicle with it supported only by a jack.

Click here [INFO](#)

- Remove the parking brake actuator assembly.

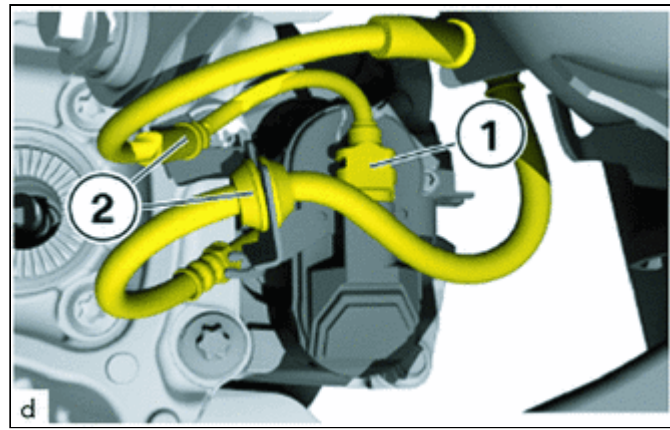
COMPONENTS

ILLUSTRATION



*1	PARKING BRAKE ACTUATOR ASSEMBLY	*2	SEALING RING
*3	WIRE HARNESS	*4	HOLDER
	N*m (kgf*cm, ft.*lbf): Specified torque		Brake Fluid

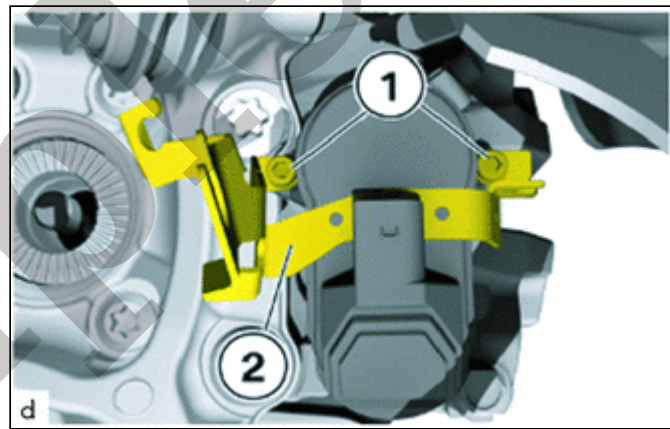
(a) Unlock plug connection (1) and disconnect.



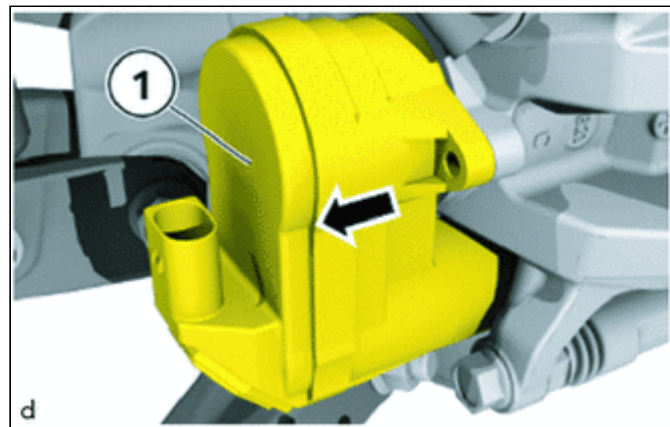
(b) Detach the rear flexible hose from the holder (2).

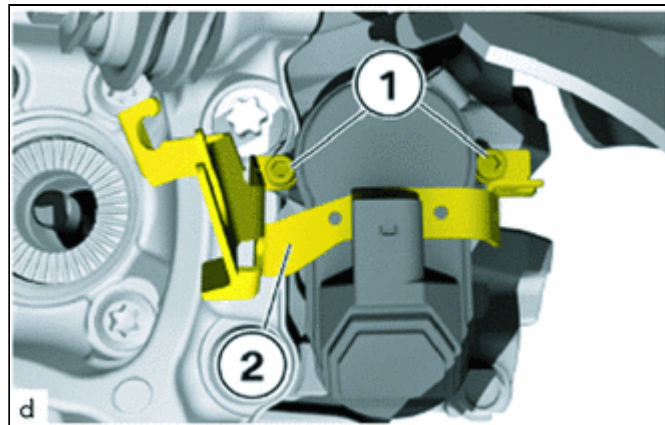
(c) Detach the cable from the holder (2).

(d) Release the 5 mm hexagon bolts (1) and remove the holder (2).



(e) Remove the parking brake actuator assembly (1) in the direction of the arrow.





(d) Tighten the 5 mm hexagon bolts (1).

Torque:

9.5 N·m {97 kgf·cm, 84 in·lbf}

(e) Connect connectors and lock.

(f) Attach the rear flexible hose in the holder.

(g) Attach the cable in the holder.

2. NORMAL CONDITION RECOVERY

(a) Connect the diagnosis system with the vehicle.

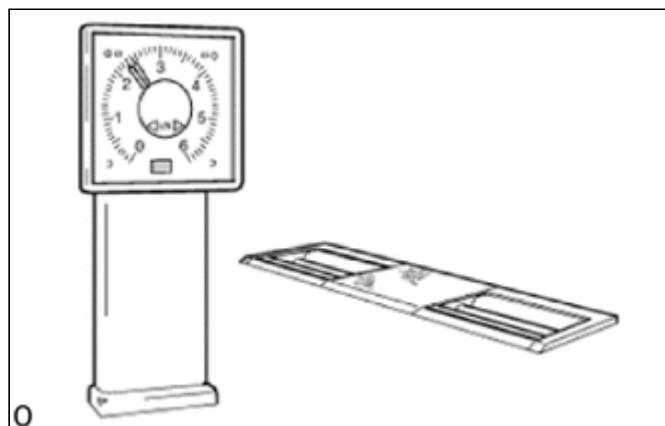
(b) Cancel the workshop mode.

Vehicle management / Service functions / Chassis / Parking brake / Workshop mode

(c) Disconnect the diagnosis system from the vehicle.

3. CARRY OUT A BRAKE TEST OF THE PARKING BRAKE ON THE BRAKE TEST STAND

(a) Position the vehicle with its rear axle on the brake test stand.



(b) Position the selector lever in selector lever position N (neutral).

(c) Run engine at idle speed.

(1) The brake test stand starts automatically.

(2) The control unit runs a plausibility check (comparison of wheel speed) to identify within a few seconds that a vehicle is on the brake test stand and changes to brake test stand mode.

(3) If brake test stand mode has been activated and the EMF actuators are open, the indicator light for the electromechanical parking brake (EMF) flashes slowly.