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Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [03/2023 -]
Title: DOOR / HATCH: CHARGE LID OPENER MOTOR ASSEMBLY: INSPECTION; 2023 - 2024 MY Prius Prius Prime [03/2023 -]		

INSPECTION

PROCEDURE

1. CHARGE LID LOCK WITH MOTOR ASSEMBLY

(a) Check the operation of the charge lid lock with motor assembly (motor operation).

(1) Apply auxiliary battery voltage to the charge lid lock with motor assembly connector, and check the operation of the charge lid lock with motor assembly.

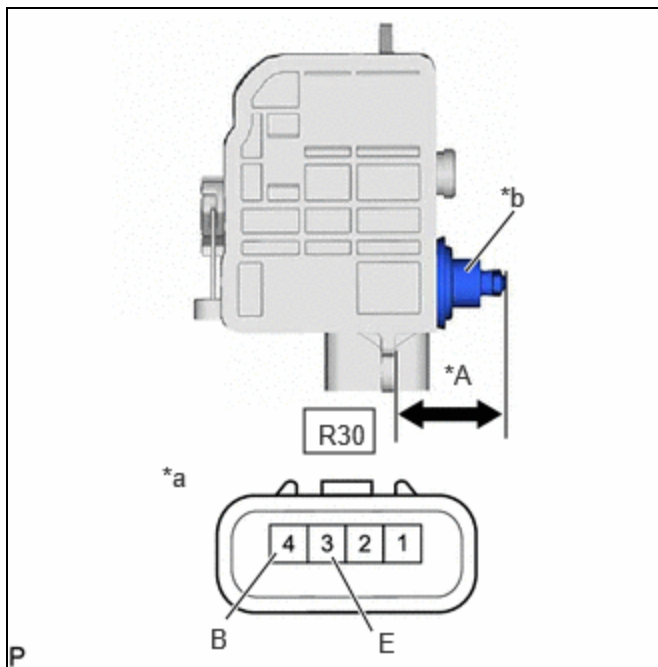
OK:



[Click Location & Routing\(R30\)](#)

[Click Connector\(R30\)](#)

TESTER CONNECTION	SPECIFIED CONDITION
R30-4 (B) - Auxiliary battery positive (+) R30-3 (E) - Auxiliary battery negative (-)	Shaft not extended (Unlock)
R30-3 (E) - Auxiliary battery positive (+) R30-4 (B) - Auxiliary battery negative (-)	Shaft extended (Lock)



*A	Shaft Stroke
*a	Component without harness connected (Charge Lid Lock With Motor Assembly)
*b	Shaft

(2) If the result is not as specified, replace the charge lid lock with motor assembly.

(b) Measure the shaft stroke.

OK:

AREA	CONDITION	SPECIFIED CONDITION
*A	Lever pulled	23.2 to 39.5 mm (0.913 to 1.56 in.)

(1) If the result is not as specified, replace the charge lid lock with motor assembly.

