

Last Modified: 12-04-2024	6.11:8.1.0	Doc ID: RM1000000029B8B
Model Year Start: 2023	Model: Prius Prime	Prod Date Range: [12/2022 -]
Title: WIPER / WASHER: FRONT WIPER MOTOR: INSPECTION; 2023 - 2024 MY Prius Prius Prime [12/2022 -]		

INSPECTION

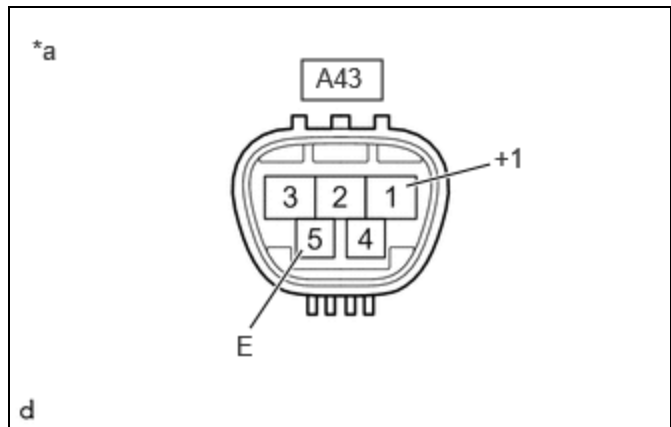
PROCEDURE

1. INSPECT WINDSHIELD WIPER MOTOR ASSEMBLY (for 2ZR-FXE)

(a) Check the LO operation

(1) Apply auxiliary battery voltage to the windshield wiper motor connector and check the speed of the windshield wiper motor assembly.

OK:



CONDITION	SPECIFIED CONDITION
Auxiliary battery positive (+) → Terminal A43-1 (+1)	Motor operates at low speed (LO)
Auxiliary battery negative (-) → Terminal A43-5 (E)	

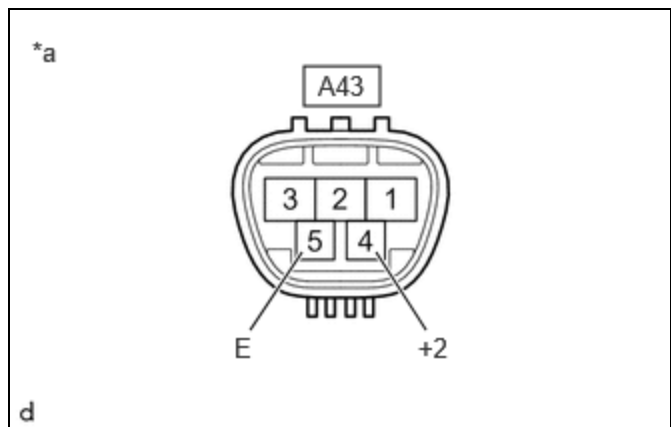
If the result is not as specified, replace the windshield wiper motor assembly.

*a	Component without harness connected (Windshield Wiper Motor Assembly)
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(b) Check the HI operation

(1) Apply auxiliary battery voltage to the windshield wiper motor connector and check the speed of the windshield wiper motor assembly.

OK:



CONDITION	SPECIFIED CONDITION
Auxiliary battery positive (+) → Terminal A43-4 (+2)	Motor operates at high speed (HI)
Auxiliary battery negative (-) → Terminal A43-5 (E)	

If the result is not as specified, replace the windshield wiper motor assembly.

*a	Component without harness connected (Windshield Wiper Motor Assembly)
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2. INSPECT WINDSHIELD WIPER MOTOR ASSEMBLY (for M20A-FXS)

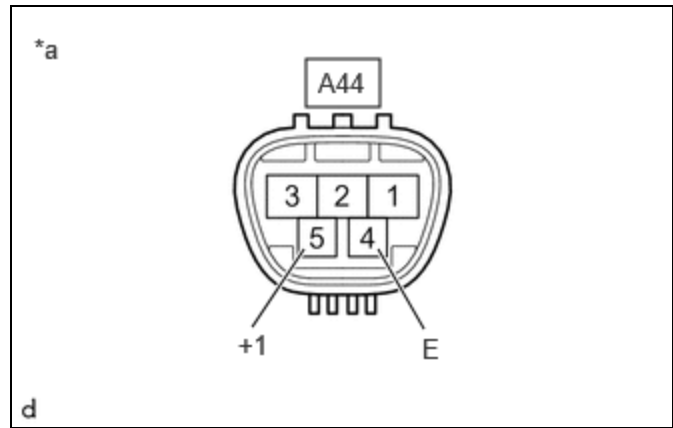
(a) Check the LO operation

(1) Apply auxiliary battery voltage to the windshield wiper motor connector and check the speed of the windshield wiper motor assembly.

OK:

CONDITION	SPECIFIED CONDITION
Auxiliary battery positive (+) → Terminal A44-5 (+1)	Motor operates at low speed (LO)
Auxiliary battery negative (-) → Terminal A44-4 (E)	

If the result is not as specified, replace the windshield wiper motor assembly.



*a	Component without harness connected (Windshield Wiper Motor Assembly)
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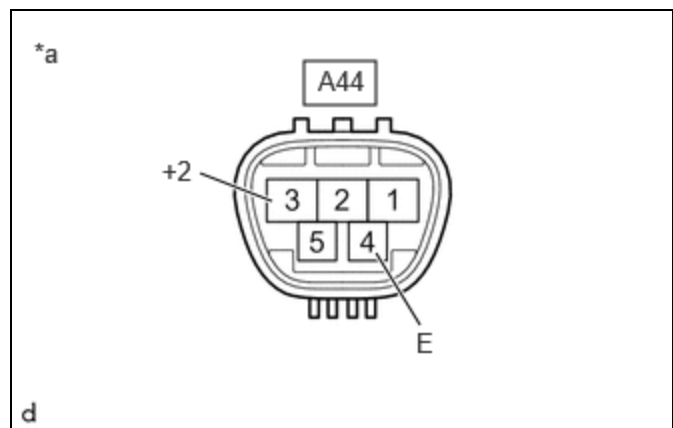
(b) Check the HI operation

(1) Apply auxiliary battery voltage to the windshield wiper motor connector and check the speed of the windshield wiper motor assembly.

OK:

CONDITION	SPECIFIED CONDITION
Auxiliary battery positive (+) → Terminal A44-3 (+2)	Motor operates at high speed (HI)
Auxiliary battery negative (-) → Terminal A44-4 (E)	

If the result is not as specified, replace the windshield wiper motor assembly.



*a	Component without harness connected (Windshield Wiper Motor Assembly)
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