TOYOTA SERVICE BULLETIN

Group: 09 No.: 10 Date: Apr, 14

Yaris

Corrections to Repair Manual RM00S5E

Please ensure these pages are distributed to all relevant staff for their information; and a copy made available for future reference, with the above repair manual.

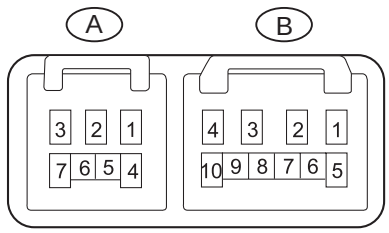
Section	Title	Paragraph
WIPER AND WASHER	WIPER SWITCH (for Sedan)	INSPECTION
	WIPER SWITCH (for Hatchback)	INSPECTION

The revised pages listed above are attached.
(The corrected parts are indicated by arrows.)

This Bulletin does not cause the Flat Rate Manual to be changed.

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Windshield Wiper Switch Assembly Connector Front View:



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[Corrected]

WW

2. INSPECT WIPER SWITCH (for RHD)

(a) Check the resistance.

(1) Measure the resistance and check the results in accordance with the value(s) in the tables below.

Standard Resistance

Tester Connection	Condition	Specified Condition
+B (B-3) - +1 (B-2)	MIST	Below 1 Ω
+S (B-4) - +1 (B-2)	OFF	Below 1 Ω
+S (B-4) - +1 (B-2)	INT	Below 1 Ω
+B (B-3) - +1 (B-2)	LO	Below 1 Ω
+B (A-3) - +2 (B-1)	HI	Below 1 Ω

[Corrected] If the result is not as specified, replace the wiper switch.

Standard Resistance

Tester Connection	Condition	Specified Condition
EW (A-2) - WF (A-1)	OFF	10 kΩ or higher
EW (A-2) - WF (A-1)	ON	Below 1 Ω

[Corrected] If the result is not as specified, replace the wiper switch.

(b) Check the intermittent operation.

(1) Connect the positive (+) voltmeter terminal to terminal 2 (+1) of the B connector and the negative (-) voltmeter terminal to terminal 2 (EW) of the A connector.

[Corrected]

(2) Connect the positive (+) battery lead to terminal 3 (+B) of the B connector and the negative (-) battery lead to terminals 2 (EW) of the A connector and 4 (+S) of the A connector.

(3) Turn the wiper switch to the INT position.

(4) Connect the positive (+) battery lead to terminal 4 (+S) of the B connector for 5 seconds.

(5) Connect the negative (-) battery lead to terminal 4 (+S) of the B connector. Operate the intermittent wiper relay and check the voltage between terminals 2 (+1) of the B connector and 2 (EW) of the A connector.

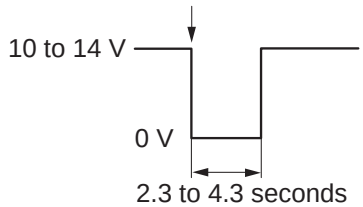
[Corrected]

Standard:

Refer to the illustration below.

Voltage between terminals 2 (+1) of the A connector and 2 (EW) of the B connector

Connect the negative (-) battery terminal cable to terminal 4 (+S) of the A connector



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

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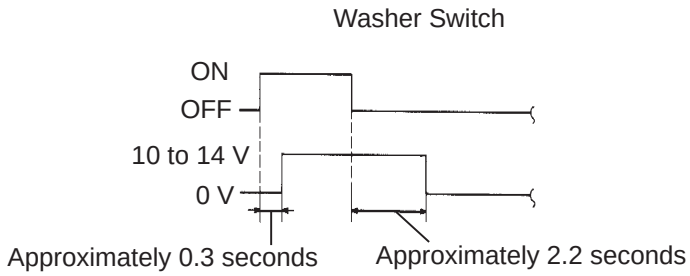
(c) Check the operation (front washer).

(1) Turn the wiper switch off.

[Corrected]

(2) Connect the positive (+) battery lead to terminal 3 (+B) of the B connector and the negative (-) battery lead to terminals 4 (+S) of the B connector and 2 (EW) of the B connector.

(3) Connect the positive (+) voltmeter terminal to terminal 2 (+1) of the B connector and the negative (-) voltmeter terminal to terminal 2 (EW) of the A connector. Turn the washer switch on and off, and check the voltage between terminals 2 (+1) of the A connector and 2 (EW) of the A connector.

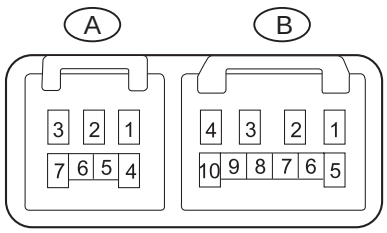
Voltage between terminals 2 (+1) of the A connector and 2 (EW) of the B connector	

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

WW

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Windshield Wiper Switch Assembly Connector Front View:



[Corrected]

WW

2. INSPECT WIPER SWITCH (for RHD except Europe)

(a) Check the resistance.

(1) Measure the resistance and check the results in accordance with the value(s) in the tables below.

Standard Resistance:
Front Wiper Switch

Tester Connection	Condition	Specified Condition
+B (B-3) - +1 (B-2)	MIST	Below 1 Ω
+S (B-4) - +1 (B-2)	OFF	Below 1 Ω
+S (B-4) - +1 (B-2)	INT	Below 1 Ω
+B (B-3) - +1 (B-2)	LO	Below 1 Ω
+B (B-3) - +2 (B-1)	HI	Below 1 Ω

[Corrected]

If the result is not as specified, replace the wiper switch.

Standard Resistance:
Front Washer Switch

Tester Connection	Condition	Specified Condition
EW (A-2) - WF (A-1)	OFF	10 kΩ or higher
EW (A-2) - WF (A-1)	ON	Below 1 Ω

[Corrected]

If the result is not as specified, replace the wiper switch.

Standard Resistance:
Rear Wiper and Washer Switch

Tester Connection	Condition	Specified Condition
EW (A-2) - WR (B-10)	WASH (Rear wiper switch OFF)	Below 1 Ω
EW (A-2) - WR (B-10) EW (A-2) - 1R (A-4)	OFF	10 kΩ or higher
EW (B-2) - +1R (B-4)	ON	Below 1 Ω
EW (A-2) - WR (B-10) EW (A-2) - +1R (A-4) +1R (A-4) - WR (B-10)	WASH (Rear wiper switch ON)	Below 1 Ω

[Corrected]

If the result is not as specified, replace the wiper switch.

(b) Check the intermittent operation.

(1) Connect the positive (+) voltmeter terminal to terminal 2 (+1) of the B connector and the negative (-) voltmeter terminal to terminal 2 (EW) of the A connector.

[Corrected]

(2) Connect the positive (+) battery lead to terminal 3 (+B) of the B connector and the negative (-) battery lead to terminals 2 (EW) of the A connector and 4 (+S) of the B connector.

(3) Turn the wiper switch to the INT position.

(4) Connect the positive (+) battery lead to terminal 4 (+S) of the B connector for 5 seconds.

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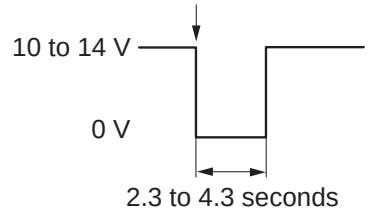
(5) [Corrected] Connect the negative (-) battery lead to terminal 4 (+S) of the B connector. Operate the intermittent wiper relay and check the voltage between terminals 2 (+1) of the B connector and 2 (EW) of the B connector.

Standard:

Refer to the illustration below.

Connect the negative (-) battery terminal cable to terminal 4 (+S) of the A connector

Voltage between terminals 2 (+1) of the A connector and 2 (EW) of the B connector



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

(c) Check the operation (front washer).

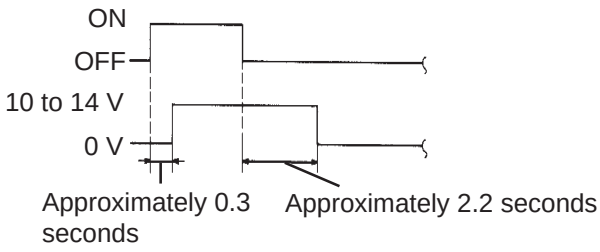
(1) Turn the wiper switch off.

(2) [Corrected] Connect the positive (+) battery lead to terminal 3 (+B) of the B connector and the negative (-) battery lead to terminals 4 (+S) of the B connector and 2 (EW) of the A connector.

(3) Connect the positive (+) voltmeter terminal to terminal 2 (+1) of the B connector and the negative (-) voltmeter terminal to terminal 2 (EW) of the A connector. Turn the washer switch on and off, and check the voltage between terminals 2 (+1) of the B connector and 2 (EW) of the A connector.

Washer Switch

Voltage between terminals 2 (+1) of the A connector and 2 (EW) of the B connector



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

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