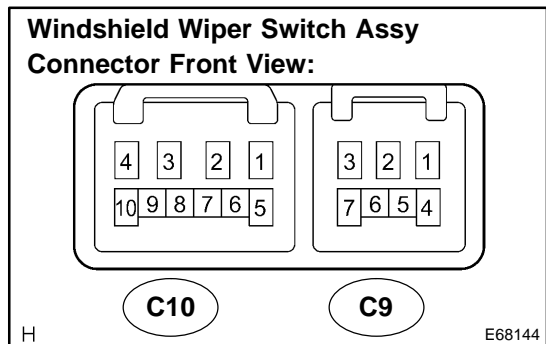


INSPECTION



1. WINDSHIELD WIPER SWITCH ASSY

- (a) Measure the resistance according to the value(s) in the table below.

Standard:

Front Wiper Switch

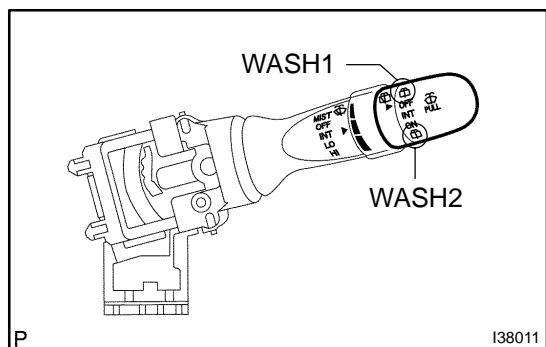
Switch position	Tester connection	Specified resistance
MIST	C10-2 (+B) – C10-3 (+1)	Below 1 Ω
OFF	C10-1 (+S) – C10-3 (+1)	Below 1 Ω
INT	C10-1 (+S) – C10-3 (+1)	Below 1 Ω
LO	C10-2 (+B) – C10-3 (+1)	Below 1 Ω
HI	C10-2 (+B) – C10-4 (+2)	Below 1 Ω

Rear Wiper Switch (w/ Rear Wiper)

Switch position	Tester connection	Specified resistance
OFF	C9-2 (EW) – C9-6 (C1R), C9-2 (EW) – C9-7 (+1R)	10 kΩ or higher
INT	C9-2 (EW) – C9-6 (C1R)	Below 1 Ω
ON	C9-2 (EW) – C9-7 (+1R)	Below 1 Ω

Front Washer Switch

Switch position	Tester connection	Specified resistance
OFF	C9-2 (EW) – C9-3 (WF)	10 kΩ or higher
ON	C9-2 (EW) – C9-3 (WF)	Below 1 Ω



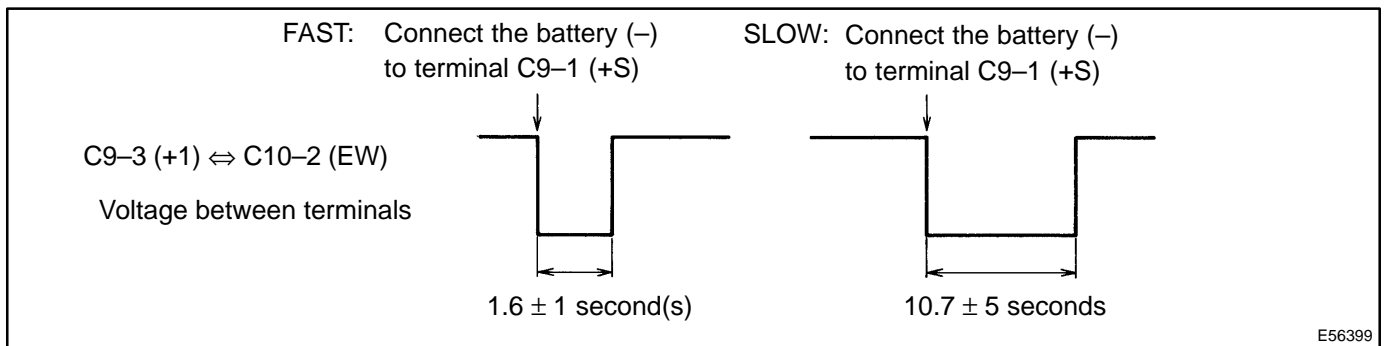
Rear Washer Switch (w/ Rear Wiper)

Switch position	Tester connection	Specified resistance
OFF	C10-5 (WR) – C9-2 (EW), C9-2 (EW) – C9-7 (+1R)	10 kΩ or higher
ON (WASH1)	C10-5 (WR) – C9-2 (EW)	Below 1 Ω
ON (WASH2)	C10-5 (WR) – C9-2 (EW), C9-2 (EW) – C9-7 (+1R)	Below 1 Ω

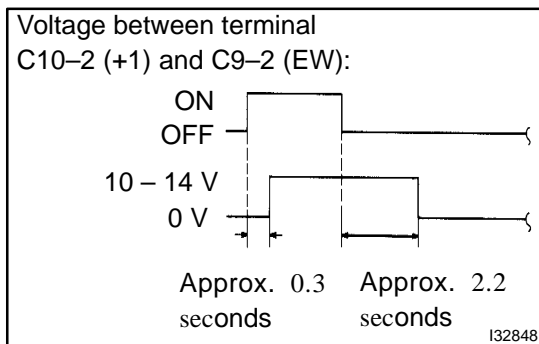
(b) Intermittent Operation Check

- (1) Connect the voltmeter (+) terminal to terminal C9-3 (+1) of the connector and the voltmeter (-) terminal to terminal C10-2 (EW).
- (2) Connect the positive battery (+) lead to terminal C9-2 (+B) of the connector and the negative battery (-) lead to terminals C10-2 (EW) and C9-1 (+S).
- (3) Turn the wiper switch to the INT position.
- (4) Connect the positive battery (+) lead to terminal C9-1 (+S) of the connector for 5 seconds.
- (5) Connect the negative battery (-) lead to terminal C9-1 (+S) of the connector. Operate the intermittent wiper relay and measure the voltage between terminals C9-3 (+1) and C10-2 (EW)

Standard: Refer to the illustration below.



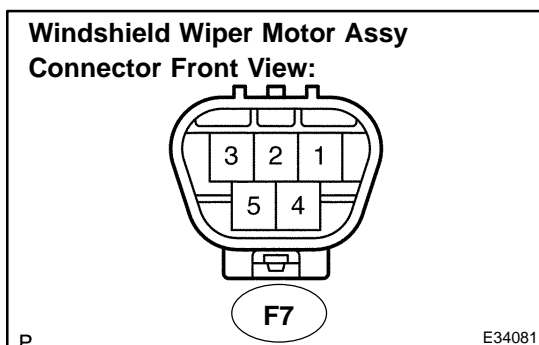
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(c) Front Washer Operation Check

- (1) Turn the wiper switch to the OFF position.
- (2) Connect the positive battery (+) lead to terminal C9-2 (+B) of the connector, the negative battery (-) lead to terminals C9-1 (+S) and the terminal C10-2(EW).
- (3) Connect the voltmeter (+) terminal to terminal C9-3 (+1) of the connector and the voltmeter (-) terminal to terminal C10-2 (EW).
- (4) Turn the washer switch to the ON and OFF positions, and measure the voltage between terminals C9-3 (+1) and C10-2 (EW).

Standard: Refer to the illustration on the left.



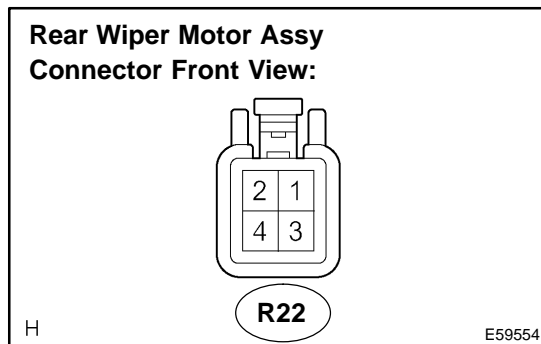
2. WINDSHIELD WIPER MOTOR ASSY

(a) LO Operation Check

- (1) Connect the positive battery (+) lead to terminal 1 (+1) of the connector, and the negative battery (-) lead to terminal 5 (E), and check that the windshield wiper motor assy operates at low speed (LO).

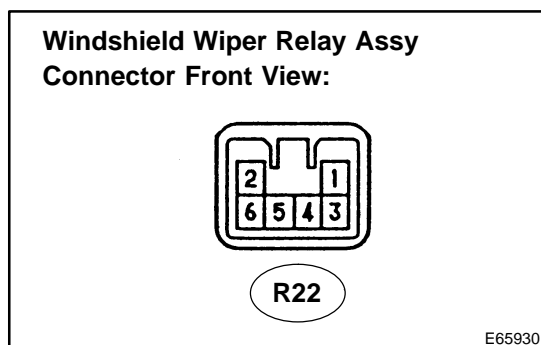
Standard: The motor operates at low speed (LO).

- (b) HI Operation Check
- (1) Connect the positive battery (+) lead to terminal 4 (+2) of the connector, and the negative battery (–) lead to terminal 5 (E), and check that the windshield wiper motor assy operates at high speed (HI).
- Standard: The motor operates at high speed (HI).**



3. REAR WIPER MOTOR ASSY

- (a) Operation Check
- (1) Connect the positive battery (+) lead to terminal 3 (+1), and the negative battery (–) lead to terminal 2 (–), and check that the rear wiper motor operates.
- Standard: The rear wiper motor operates.**



4. WINDSHIELD WIPER RELAY ASSY

- (a) Operation Check
- (1) Using a voltmeter, connect the voltmeter (+) terminal to terminal 4 (LM) of the connector, and the voltmeter (–) terminal to terminal 6 (LS).
 - (2) Connect the positive battery (+) lead to terminal 3 (+B) of the connector, and the negative battery (–) lead to terminal 6 (LS). Measure the voltage between terminals 4 (LM) and 6 (LS).
- Standard: 10 to 14 V**

(b) Intermittent Operation Check

- (1) Using a voltmeter, connect the voltmeter (+) terminal to terminal 4 (LM) of the connector, and the voltmeter (-) terminal to terminal 2 (C1).
- (2) Connect the positive battery (+) lead to terminal 3 (+B) of the connector, and the negative battery (-) lead to terminal 2 (C1). (Wiper switch is in the INT position.)
- (3) Connect the positive battery (+) lead to terminal 5 (SM) of the connector for approximately 5 seconds.
- (4) Connect the negative battery (-) lead to terminal 5 (SM) of the connector. Measure the voltage between terminals 4 (LM) and 2 (C1) when operating the intermittent wiper relay.

Standard: Refer to the illustration below.

