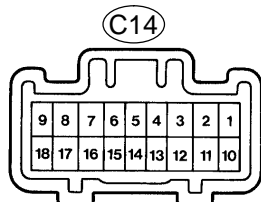


# INSPECTION

Connector Front View:



I30405

## 1. WINDSHIELD WIPER SWITCH ASSY

### (a) Continuity Check

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

#### Standard:

#### Front Wiper Switch

Tester connection	Switch operation	Specified condition
7 (+1) - 17 (+B)	MIST	Below 1 $\Omega$
7 (+1) - 16 (+S)	OFF	Below 1 $\Omega$
7 (+1) - 16 (+S)	INT	Below 1 $\Omega$
7 (+1) - 17 (+B)	LO	Below 1 $\Omega$
8 (+2) - 17 (+B)	HI	Below 1 $\Omega$

#### Front Washer Switch

Tester connection	Switch operation	Specified condition
2 (EW) - 11 (WF)	OFF	10 k $\Omega$ or higher
2 (EW) - 11 (WF)	ON	Below 1 $\Omega$

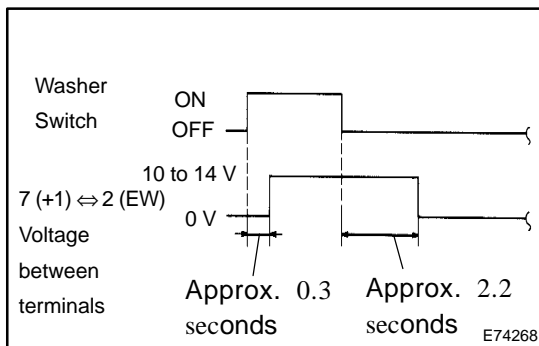
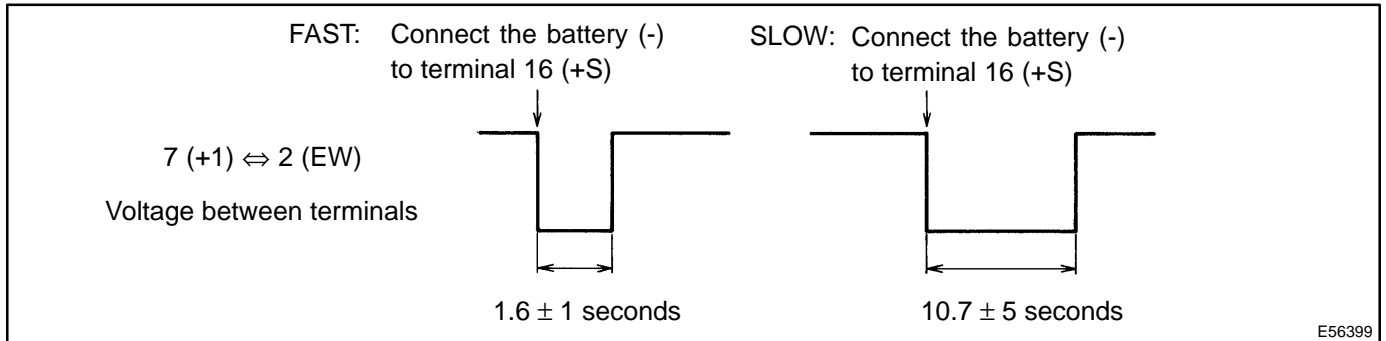
#### Rear Wiper and Washer Switch

Tester connection	Switch operation	Specified condition
2 (EW) - 12 (WR)	WASH (Rear wiper switch OFF side)	Below 1 $\Omega$
2 (EW) - 10 (+1R) 2 (EW) - 12 (WR) 2 (EW) - 13 (C1R)	OFF	10 k $\Omega$ or higher
2 (EW) - 13 (C1R)	INT	Below 1 $\Omega$
2 (EW) - 10 (+1R)	ON	Below 1 $\Omega$
2 (EW) - 10 (+1R) 2 (EW) - 12 (WR)	WASH (Rear wiper switch OFF side)	Below 1 $\Omega$

### (b) Intermittent Operation Check

- (1) Connect the voltmeter (+) terminal to terminal 7 (+1) of the connector, the voltmeter (-) terminals to terminal 2 (EW) of the connector.
- (2) Connect the battery (+) to terminal 17 (+B) of the connector, the battery (-) to terminal 2 (EW) and 16 (+S) of the connector.
- (3) Turn the wiper switch to INT.
- (4) Connect the battery (+) to terminal 16 (+S) of the connector for 5 seconds.

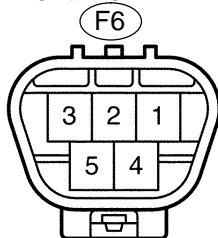
- (5) Connect the battery (-) to terminal 16 (+S) of the connector. Operate the intermittent wiper relay and check voltage between terminal 7 (+1) and terminal 2 (EW).



(c) Operation Check (Front Wiper)

- (1) Turn the wiper switch OFF.
- (2) Connect the positive (+) lead from the battery to terminal 17 (+B) and the negative (-) lead to terminals 2 (EW) and 16 (+S).
- (3) Connect the positive (+) lead from the voltmeter to terminal 7 (+1) and the negative (-) lead to terminal 2 (EW). Turn the washer switch ON and OFF and check voltage between terminal 7 (+1) and terminal 2 (EW).

Connector Front View:



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E34081

2. WINDSHIELD WIPER MOTOR ASSY

(a) LO Operation Check

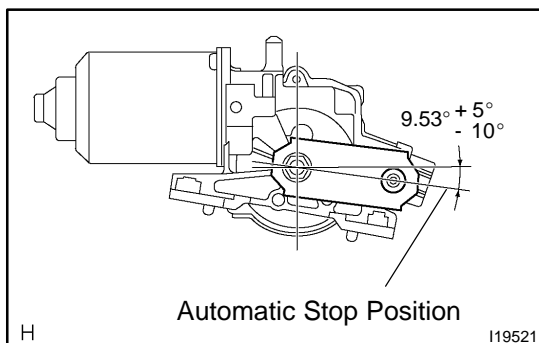
- (1) Connect the positive (+) lead from the battery to terminal 1 (+1) and the negative (-) lead to terminal 5 (E), check that the motor operates at low speed.

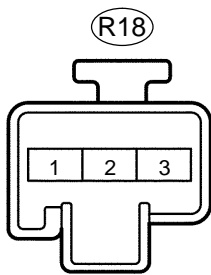
(b) HI Operation Check

- (1) Connect the positive (+) lead from the battery to terminal 4 (+2) and the negative (-) lead to terminal 5 (E), and check that the motor operates at high speed.

(c) Automatic Stop Operation Check

- (1) Connect the positive (+) lead from the battery to terminal 1 (+1) and the negative (-) lead to terminal 5 (E), and operate the motor at low speed and stop the motor operation anywhere except at the stop position by disconnecting positive (+) lead from terminal 1 (+1).
- (2) Connect terminals 1 (+1) and 3 (S).
- (3) Connect the positive (+) lead from the battery to terminal 2 (B), and check that the motor stops running at the stop position after the motor operates again.



**Connector Front View:**

E34836

E74201

**3. REAR WIPER MOTOR ASSY****(a) Operation Check**

- (1) Connect the positive (+) lead from the battery to terminal 1 (+B) and the negative (-) lead to terminal 3 (LS), and check that the motor operates.

**NOTICE:**

**The body earth should be connected.**

**(b) Automatic Stop Position Operation Check**

- (1) Connect the positive (+) lead from the battery to terminal 1 (+B) and the negative (-) lead to terminal 3 (LS).

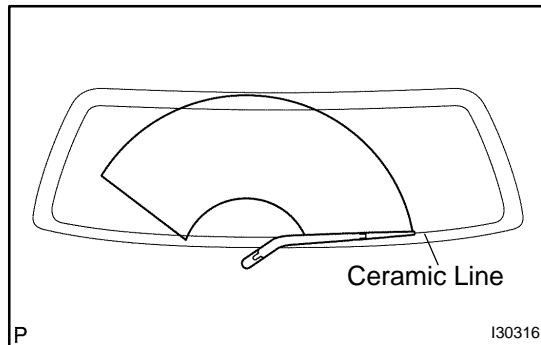
**NOTICE:**

**The body earth should be connected.**

- (2) With the motor being rotated, disconnect terminal 1 (+B) and terminal 3 (LS) to stop the motor operation at any position except the automatic stop position.
- (3) Connect the positive (+) lead from the battery to terminal 1 (+B), and check that the motor is restarted and automatically stopped.

**NOTICE:**

**The body earth should be connected.**



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I30316