

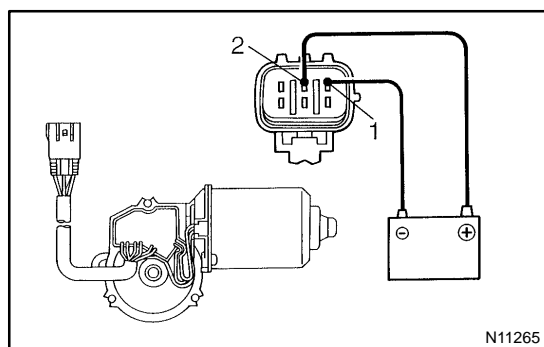
## INSPECTION

### 1. Low Speed:

#### INSPECT WIPER MOTOR OPERATION

Connect the positive (+) lead from the battery to terminal 3 and the negative (–) lead to terminal 1, check that the motor operates at low speed.

If operation is not as specified, replace the motor.

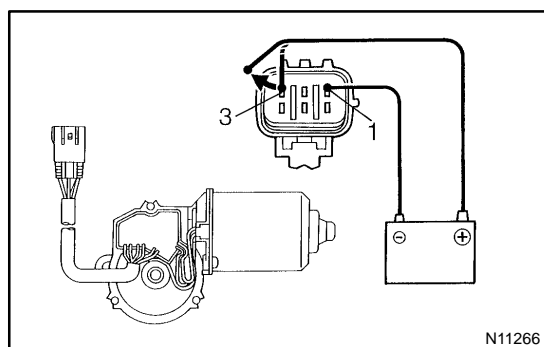


### 2. High Speed:

#### INSPECT WIPER MOTOR OPERATION

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

If operation is not as specified, replace the motor.



### 3. Stopping at Stop Position:

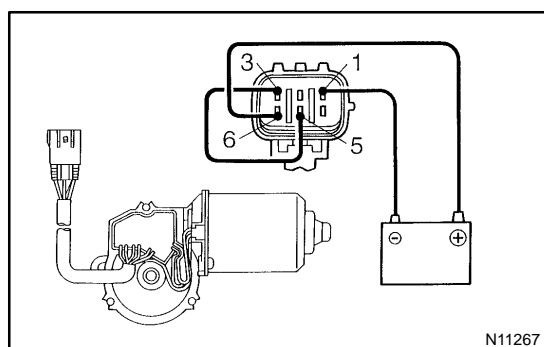
#### INSPECT WIPER MOTOR OPERATION

(a) Operate the motor at low speed and stop the motor operation anywhere except at the stop position by disconnecting the positive (+) lead from terminal 3.

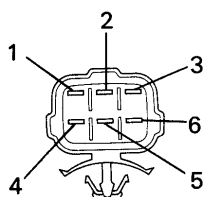
(b) Connect terminals 3 and 5.

(c) Connect the positive (+) lead from the battery to terminal 6 and the negative (–) lead to terminal 1, check that the motor stops running at the stop position after the motor operates again.

If operation is not as specified, replace the motor.



#### Wire Harness Side

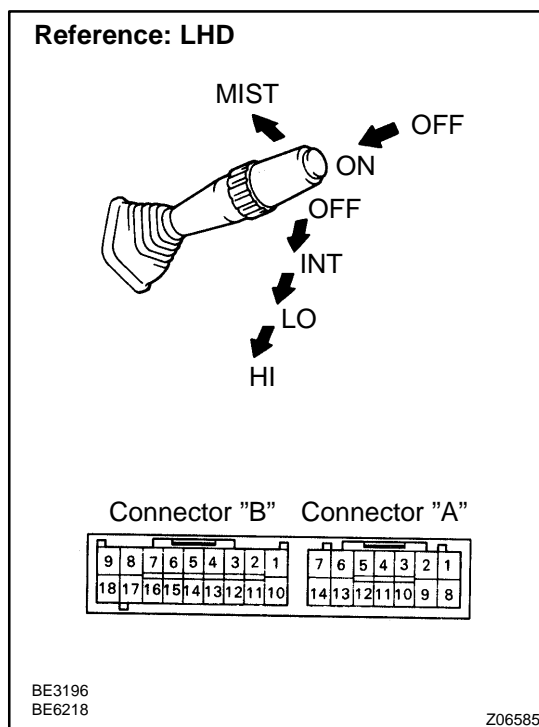


### 4. INSPECT WIPER MOTOR CIRCUIT

Disconnect the connector from the motor and inspect the connector on the wire harness side, as shown.

Tester connection	Condition	Specified condition
1 – Ground	Constant	Continuity
2 – Ground	Wiper switch (Ignition switch ON) OFF or INT, LOW	No voltage
2 – Ground	Wiper switch (Ignition switch ON) HIGH or MIST	Battery positive voltage
3 – Ground	Wiper switch (Ignition switch ON) OFF or INT, HIGH	No voltage
3 – Ground	Wiper switch (Ignition switch ON) LOW or MIST	Battery positive voltage
6 – Ground	Ignition switch LOCK or ACC	No voltage
6 – Ground	Ignition switch ON	Battery positive voltage

If the circuit is not as specified, inspect the circuits connected to other parts.



## 5. INSPECT WIPER AND WASHER SWITCH CONTINUITY

### WIPER OFF

Switch position	Tester connection	Specified condition
MIST OFF	B8 – B17	Continuity
MIST ON	A9 – B8	Continuity

### WIPER INT

Switch position	Tester connection	Specified condition
MIST OFF	B8 – B17	Continuity
MIST ON	A9 – B8	Continuity

### WIPER LO

Switch position	Tester connection	Specified condition
MIST OFF	A9 – B8	Continuity
MIST ON	A9 – B8	Continuity

### WIPER HI

Switch position	Tester connection	Specified condition
MIST OFF	A8 – A9	Continuity
MIST ON	A8 – A9 – B8	Continuity

### WASHER

Switch position	Tester connection	Specified condition
OFF	–	No continuity
ON	A6 – A13	Continuity

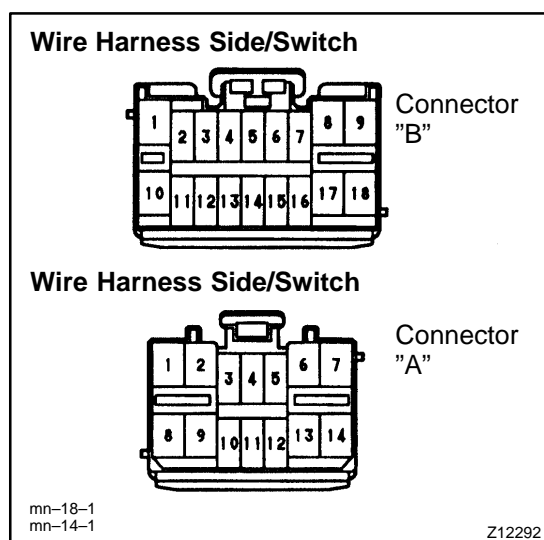
If continuity is not as specified, replace the switch.

## 6. INSPECT WIPER AND WASHER SWITCH RESISTANCE

Inspect the switch resistance between terminals.

Switch position		Terminal	Specified condition
Wiper switch	INT SLOW	A9 – B17	Approx. 50 k $\Omega$
	INT FAST		Less than 10 k $\Omega$

If resistance value is not as specified, replace the switch.

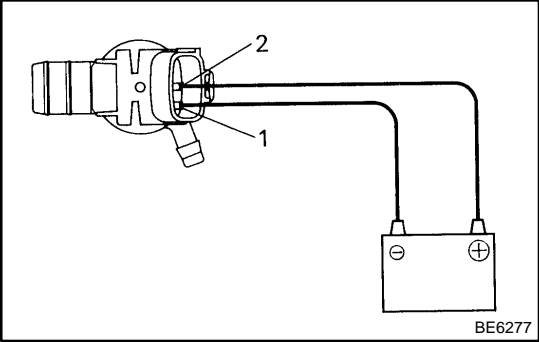


## 7. INSPECT WIPER AND WASHER SWITCH CIRCUIT

Disconnect the switch and wiper relay connector, inspect each connector on the wire harness side, as shown.

Tester connection	Condition	Specified condition
A6 – Ground	Constant	Continuity
A9 – Ground	Ignition switch LOCK or ACC	No voltage
A9 – Ground	Ignition switch ON	Battery positive voltage

If continuity is not as specified, replace the switch.



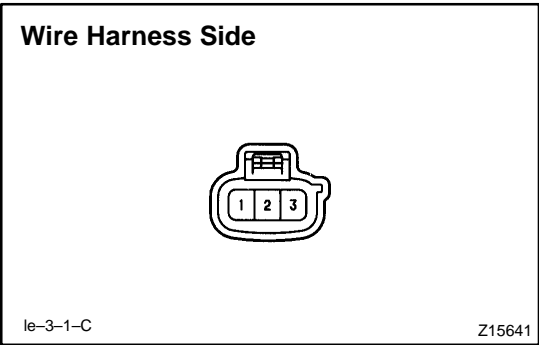
**8. INSPECT WASHER MOTOR OPERATION**

Connect the positive (+) lead from the battery to terminal 2 and the negative (-) lead to terminal 1, check that the motor operates.

**NOTICE:**

**There tests must be performed quickly (within 20 seconds) to prevent the coil from burning out.**

If operation is not as specified, replace the motor.



**9. INSPECT WASHER MOTOR CIRCUIT**

Disconnect the connector from the washer motor and inspect the connector on harness side, as shown.

Tester connection	Condition	Specified condition
1 – Ground	Washer switch ON (pushed in)	Continuity
2 – Ground	Ignition switch ON	Battery positive voltage

If circuit is not as specified, inspect wire harness, power source or wiper switch.