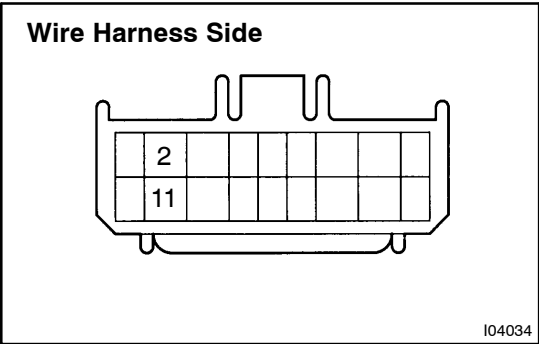


INSPECTION

1. INSPECT FRONT WIPER AND WASHER SWITCH CONTINUITY

Switch position	Tester connection	Specified condition
OFF	7 - 16	Continuity
INT	7 - 16	Continuity
LO	7 - 17	Continuity
HI	8 - 17	Continuity
Washer OFF	-	No continuity
Washer ON	2 - 11	Continuity

If continuity is not as specified, replace the switch.



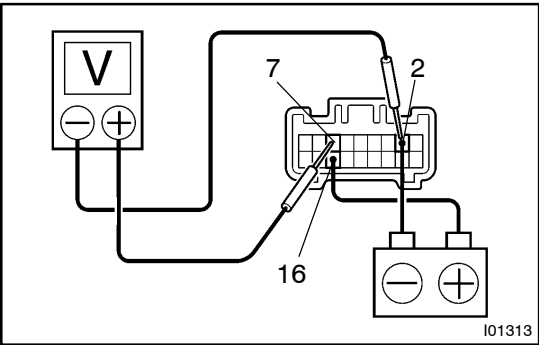
2. INSPECT FRONT WIPER AND WASHER SWITCH CIRCUIT

Connector disconnected:

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

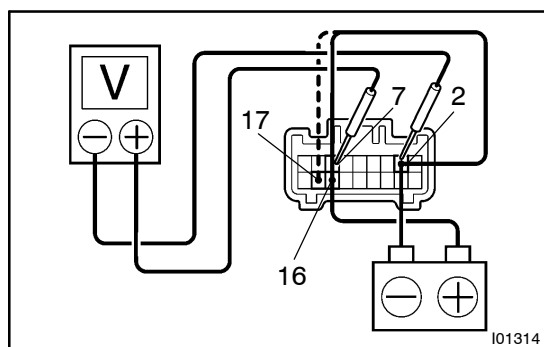
Tester connection	Condition	Specified condition
2 - Ground	Constant	Continuity
11 - Ground	Ignition switch LOCK or ACC	No voltage
11 - Ground	Ignition switch ON	Battery positive voltage

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



3. INSPECT FRONT WIPER INTERMITTENT OPERATION

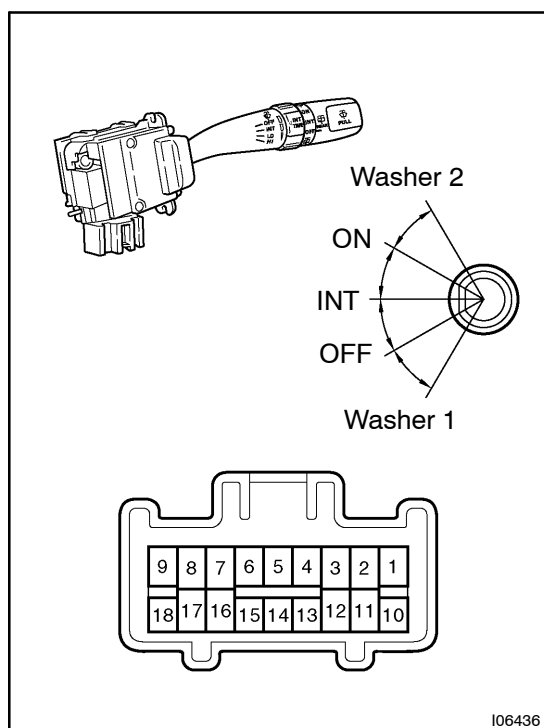
- (a) Turn the wiper switch to INT position.
- (b) Turn the intermittent time control switch to FAST position.
- (c) Connect the positive (+) lead from the battery to terminal 16 and the negative (-) lead to terminal 2.
- (d) Connect the positive (+) lead from the voltmeter to terminal 7 and the negative (-) lead to terminal 2, check that the meter needle indicates battery voltage.



- (e) After connecting terminal 16 to terminal 17, connect to terminal 2 to terminal 17, check the voltage rises from 0 volts to battery voltage within the times, as shown in the table.

INT time control switch position	Voltage
FAST	<p>0.6 – 2.6 sec.</p> <p>Battery Positive voltage</p> <p>0 Volt</p>
SLOW	<p>5.7 – 15.7 secs.</p> <p>Battery Positive voltage</p> <p>0 Volt</p>

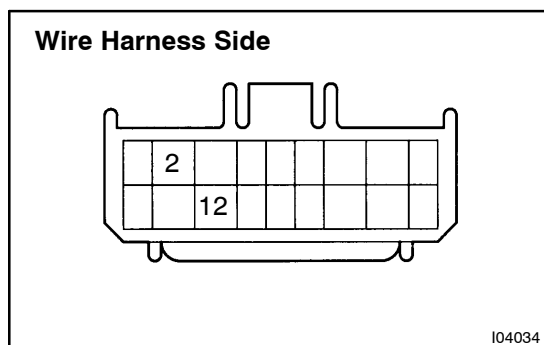
If operation is not as specified, replace the wiper and washer switch.



4. INSPECT REAR WIPER AND WASHER SWITCH CONTINUITY

Switch position	Tester connection	Specified condition
Washer 1	2 – 12	Continuity
OFF	–	No Continuity
INT	2 – 13	Continuity
ON	2 – 10	Continuity
Washer 2	2 – 10 – 12	Continuity

If continuity is not as specified, replace the switch.

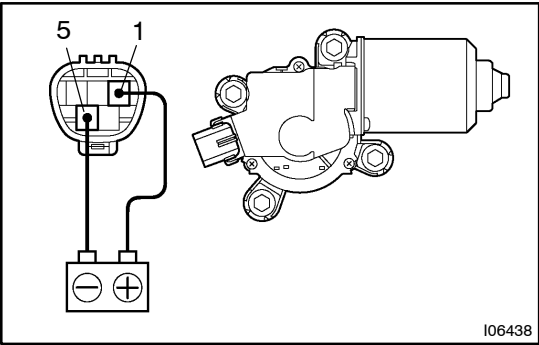


5. INSPECT REAR WIPER AND WASHER SWITCH CIRCUIT

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

Tester connection	Condition	Specified condition
2 – Ground	Constant	Continuity
12 – Ground	Constant	Battery positive voltage

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

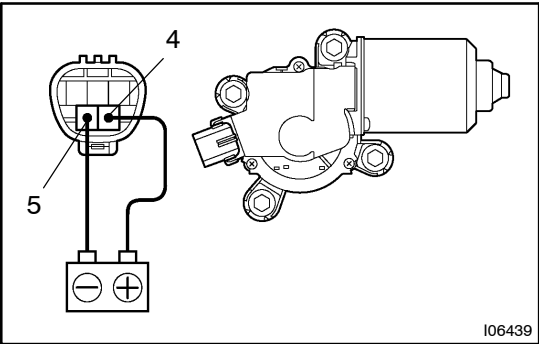


6. INSPECT FRONT WIPER MOTOR OPERATION

Low Speed:

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

If operation is not as specified, replace the motor.

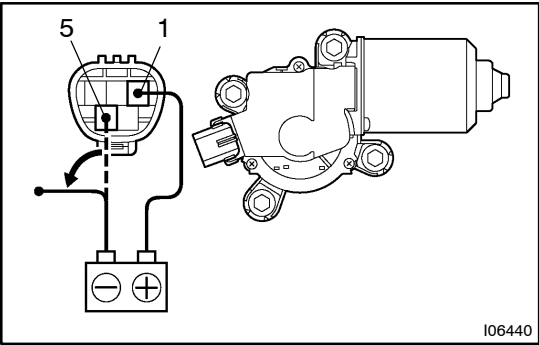


7. INSPECT FRONT WIPER MOTOR OPERATION

High Speed:

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

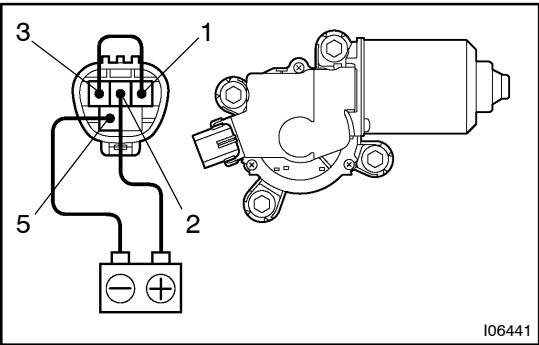
If operation is not as specified, replace the motor.



8. INSPECT FRONT WIPER MOTOR OPERATION

Stopping at Stop Position:

(a) Operate the motor at low speed and stop the motor operation anywhere except at the stop position by disconnecting positive (+) lead from terminal 1.



(b) Connect terminals 1 and 3.

(c) Connect the positive (+) lead from the battery to terminal 2 and negative (-) lead to terminal 5, 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

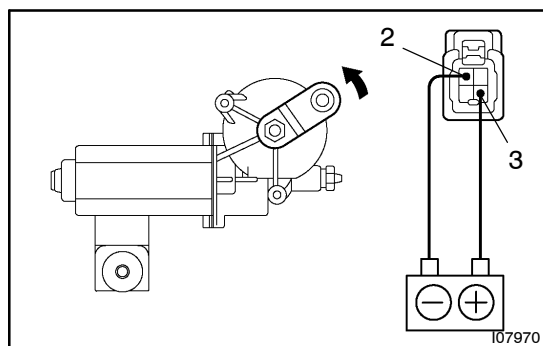
I04076

9. INSPECT FRONT WIPER MOTOR CIRCUIT**Connector disconnected:**

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

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

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

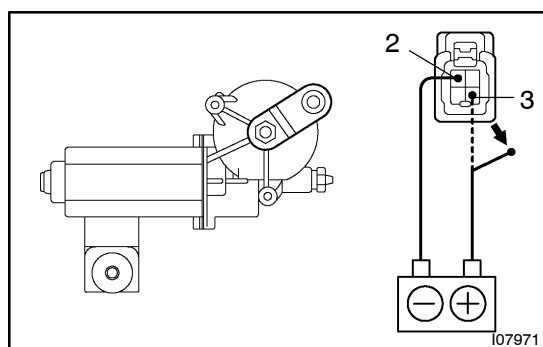


I07970

10. INSPECT REAR WIPER MOTOR OPERATION**Low Speed:**

Connect the positive (+) lead from the battery to terminal 3 and negative (–) lead to terminal 2, check that the motor operates at low speed.

If operation is not as specified, replace the motor.



I07971

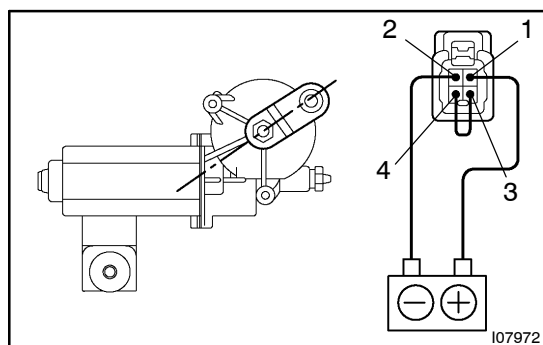
11. INSPECT REAR WIPER MOTOR OPERATION**Stopping at Stop Position:**

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

(b) Connect terminals 3 and 4.

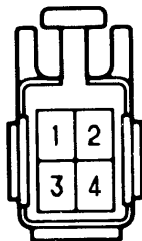
(c) Connect the positive (+) lead from the battery to terminal 1 and negative (–) lead to terminal 2, check that the motor stops running at the stop position after the motor operates again.

If operation is not as specified, replace the motor.



I07972

Wire Harness Side



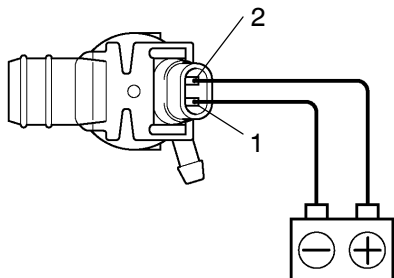
I04032

12. INSPECT REAR WIPER MOTOR CIRCUIT**Connector disconnected:**

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

Tester connection	Condition	Specified condition
1 – Ground	Ignition switch OFF or ACC	No voltage
1 – Ground	Ignition switch ON	Battery positive voltage
2 – Ground	Constant	Continuity
3 – 4	Constant	Continuity

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



I01975

13. INSPECT FRONT WASHER MOTOR OPERATION

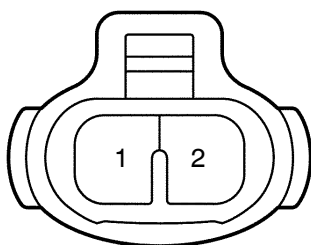
Connect the positive (+) lead from the battery to terminal 2 and the negative (–) lead to terminal 1, check that the motor operates.

NOTICE:

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

If operation is not as specified, replace the motor.

Wire Harness Side



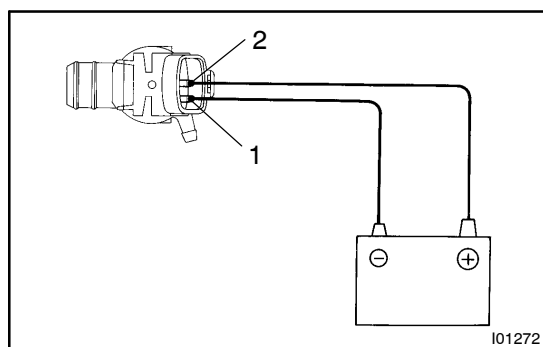
I07240

14. INSPECT FRONT WASHER MOTOR CIRCUIT**Connector disconnected:**

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

Tester connection	Condition	Specified condition
2 – Ground	Ignition switch ON	Battery positive voltage

If circuit is not as specified, inspect the power source and wire harness.

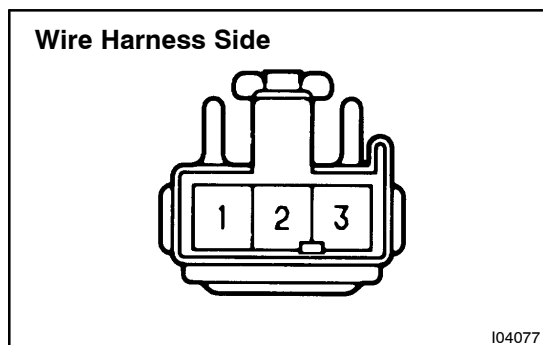
**15. INSPECT REAR WASHER MOTOR OPERATION**

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

NOTICE:

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

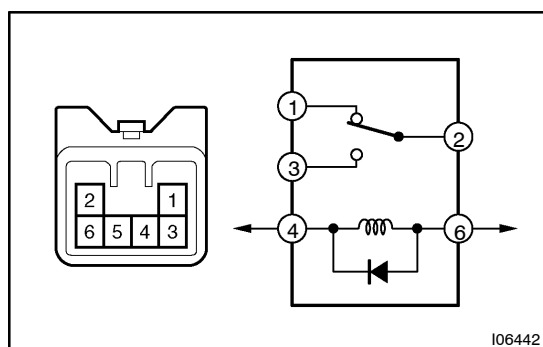
If operation is not as specified, replace the motor.

**16. INSPECT REAR WASHER MOTOR CIRCUIT****Connector disconnected:**

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

Tester connection	Condition	Specified condition
2 – Ground	Ignition switch ON	Battery positive voltage

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

**17. INSPECT REAR WIPER RELAY CONTINUITY**

Condition	Tester connection	Specified condition
Constant	1 – 2 4 – 6	Continuity
Apply B+ between terminals 4 and 6.	2 – 3	Continuity

If continuity is not as specified, replace the relay.

18. INSPECT REAR WIPER RELAY OPERATION (See page DI-702)**19. INSPECT REAR WIPER RELAY INTERMITTENT OPERATION (See Page DI-702)**