

INSPECTION

1. INSPECT MIRROR SWITCH CONTINUITY

Switch position	Tester connection	Resistance (Ω)
LEFT	8 – 9	100
RIGHT	8 – 9	0
Illumination	5 – 6	Continuity

If continuity is not as specified, replace the switch.

2. INSPECT MIRROR SWITCH RESISTANCE

Measure resistance between terminals 7 and 9 at each switch position, as shown in the chart.

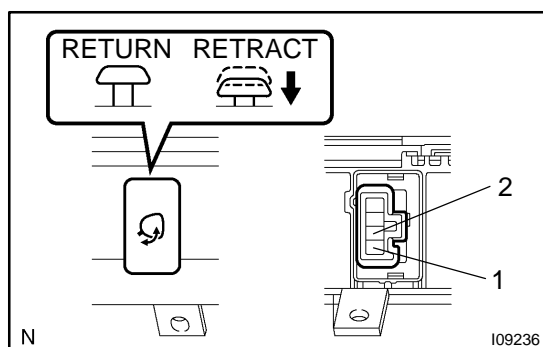
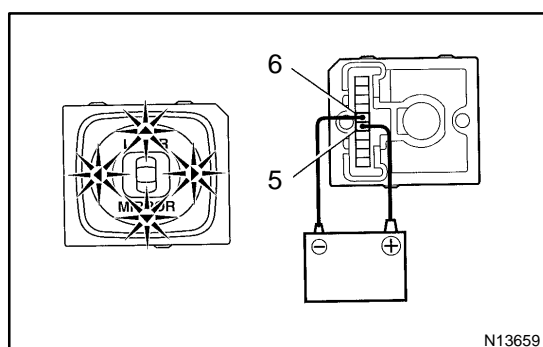
Switch position	Resistance (Ω)
UP	Approx. 100
RIGHT	250
DOWN	470
LEFT	800

If resistance is not as specified, replace the switch.

3. INSPECT MIRROR SWITCH CIRCUIT (See page DI-452)

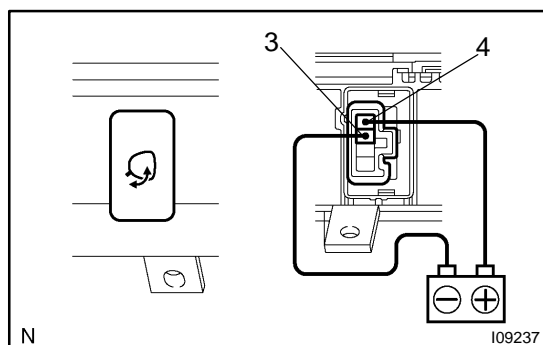
4. INSPECT MIRROR SWITCH INDICATOR LIGHT OPERATION

Connect the positive (+) lead from the battery to terminal 5 and the negative (–) lead to terminal 6, and check that the indicator light does not light up, replace the switch.



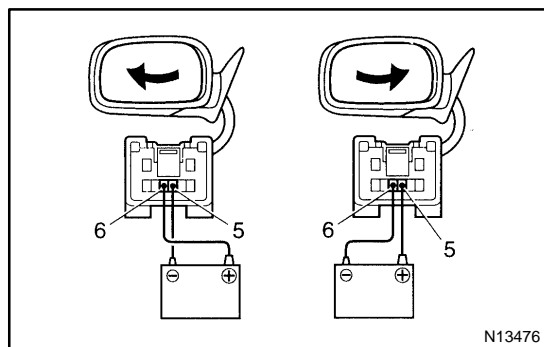
5. CANADA and TAIWAN models only: INSPECT RETRACT SWITCH CONTINUITY

Switch position	Tester connection	Specified condition
RETURN	–	No continuity
RETRACT	1 – 2	Continuity



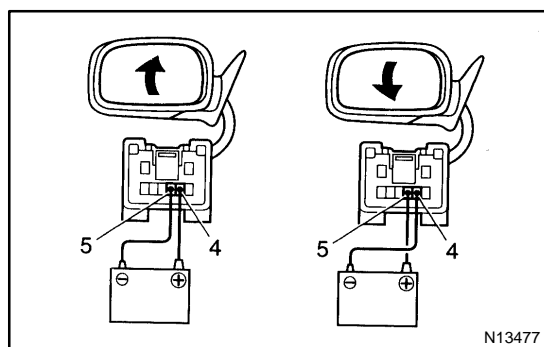
6. CANADA and TAIWAN models only: INSPECT RETRACT SWITCH INDICATOR OPERATION

Connect the positive (+) lead from the battery to terminal 4 and negative (–) lead to terminal 3 and check that the indicator does not light up, replace the switch.

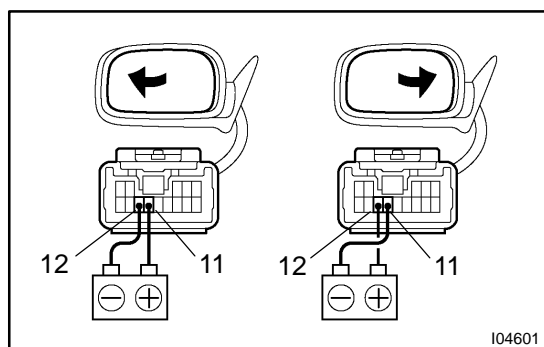


7. INSPECT MIRROR MOTOR OPERATION w/o Driving position memory:

- Connect the positive (+) lead from the battery to terminal 6 and negative (–) lead to terminal 5, then check that the mirror turns to left side.
- Reverse the polarity and check that the mirror turns to right side.

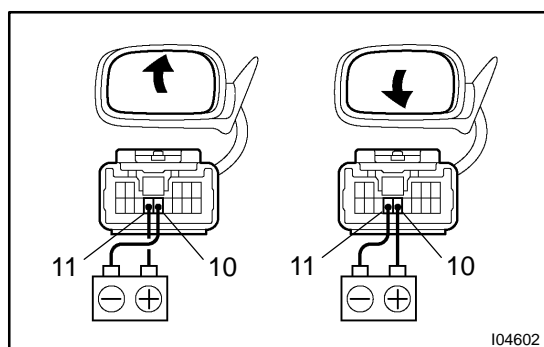


- Connect the positive (+) lead from the battery to terminal 4 and negative (–) lead to terminal 5, then check that the mirror turns upward.
- Reverse the polarity and check that the mirror turns downward.

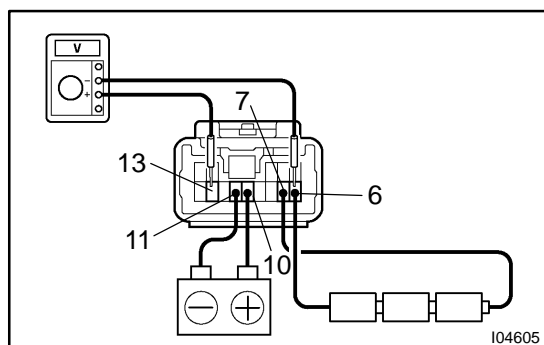


8. INSPECT MIRROR MOTOR OPERATION w/ Driving position memory:

- Connect the positive (+) lead from the battery to terminal 11 and negative (–) lead to terminal 12, then check that the mirror turns to left side.
- Reverse the polarity and check that the mirror turns to right side.



- Connect the positive (+) lead from the battery to terminal 11 and negative (–) lead to terminal 10, then check that the mirror turns upward.
- Reverse the polarity and check that the mirror turns downward.

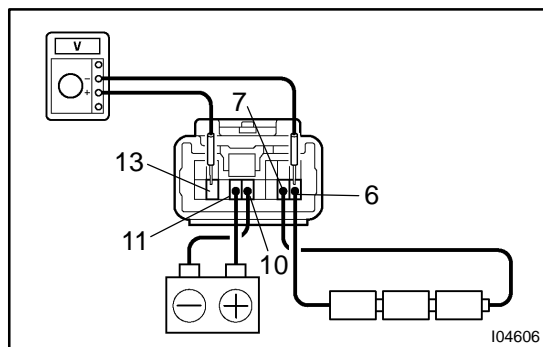


9. INSPECT MIRROR POSITION SENSORS

HINT:

Strip off the vinyl tape of the connector and remove terminals 6, 7, 10, 11, 12, 13 and 14 from the connector housing.

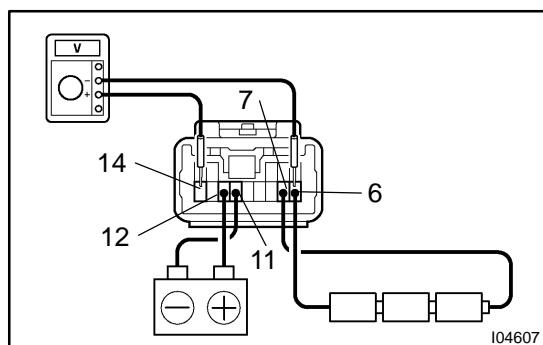
- Connect a series of three 1.5 V dry cell batteries.
- Connect the positive (+) lead from the dry cell batteries to terminal 7 and the negative (–) lead to terminal 6.
- Connect the positive (+) lead from the voltmeter to terminal 13 and the negative (–) lead to terminal 6.



- (d) Apply battery positive voltage to terminals 10 and 11, then check that the voltage gradually changes according to the table below while the mirror moves between the uppermost position and lowermost position.

Mirror position	Lowermost	Mirror position	Uppermost
Voltage	2.8 – 5.0	Changes gradually	0 – 0.9

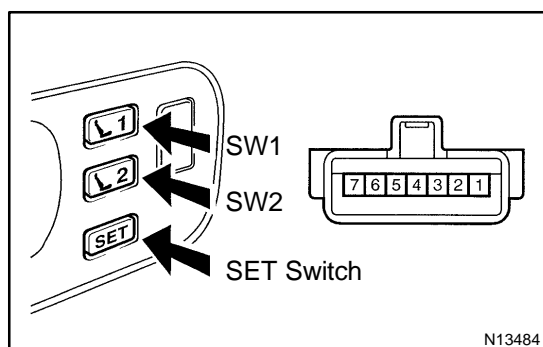
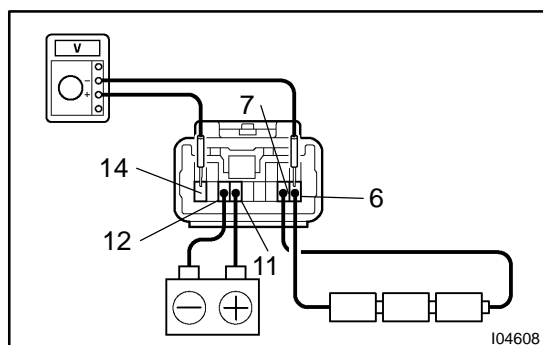
If voltage value is not as specified, replace the motor assembly.



- (e) Disconnect the 4 leads of the battery and voltmeter.
 (f) Connect the positive (+) lead from the voltmeter to terminal 14 and negative (–) lead to terminal 6.
 (g) Apply battery positive voltage to terminals 11 and 12, then inspect that the voltage gradually changes according to the table below while the mirror moves between the leftmost position and rightmost position.

Mirror position	Leftmost	Mirror position	Rightmost
Voltage LEFT	2.8 – 5.0	Changes gradually	0 – 0.9
Voltage RIGHT	0 – 0.9	Changes gradually	2.8 – 5.0

If voltage value is not as specified, replace the motor assembly.



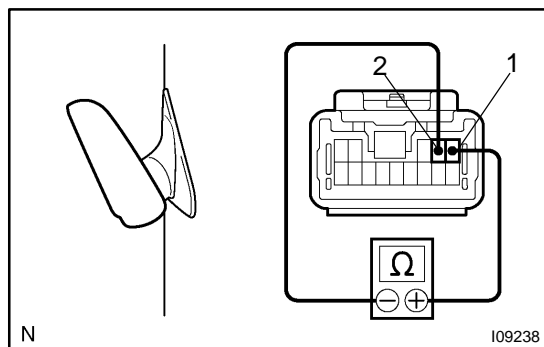
10. INSPECT DRIVING POSITION MEMORY AND RETURN SWITCH CONTINUITY

Switch position	Tester connection	Specified condition
SET switch ON	3 – 4	Continuity
Return SW1 ON	3 – 7	Continuity
Return SW2 ON	3 – 6	Continuity

If continuity is not as specified, replace the switch.

If continuity is as specified, inspect the switch circuit.

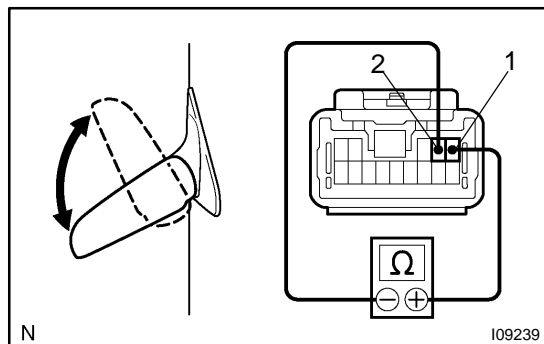
11. INSPECT DRIVING POSITION MEMORY AND RETURN SWITCH CIRCUIT (See page DI-755)



12. INSPECT ELECTRICAL RETRACT MOTOR CONTINUITY

- Connect the positive (+) lead from the battery to terminal 2 and negative (-) lead to terminal 1, check that the no continuity exists in folding position.
- Reverse the polarity, check that no continuity exists in driving position.

If operation is not as specified, replace the mirror assembly.

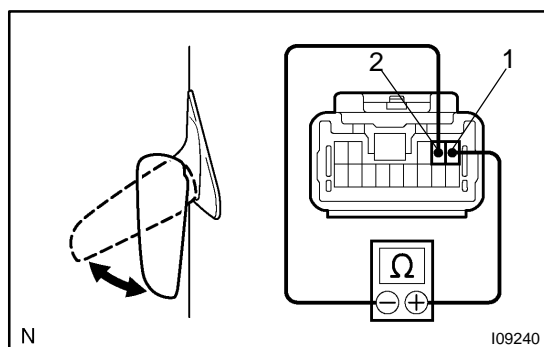


13. INSPECT ELECTRICAL RETRACT MOTOR CONTINUITY

At drive position:

- Connect the positive (+) lead from the battery to terminal 2 and negative (-) lead to terminal 1, check that continuity exists in folding position.
- Reverse the polarity, check that no continuity exists in driving position.

If operation is not as specified, replace the mirror assembly.

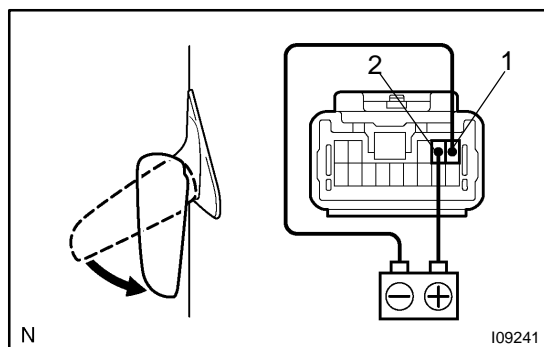


14. INSPECT ELECTRICAL RETRACT MOTOR CONTINUITY

Between drive position and retract position:

- Connect the positive (+) lead from the battery to terminal 2 and negative (-) lead to terminal 1, check that continuity exists in folding position.
- Reverse the polarity, check that no continuity exists in driving position.

If operation is not as specified, replace the mirror assembly.

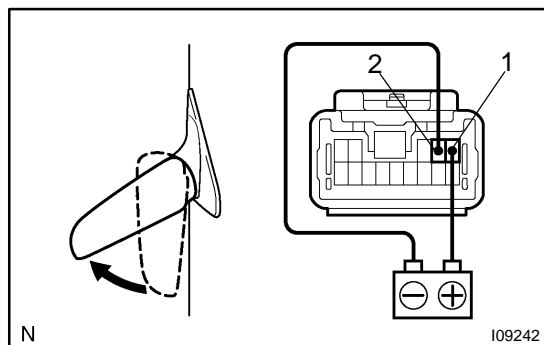


15. INSPECT MIRROR MOTOR OPERATION

- Connect the positive (+) lead from the battery to terminal 2 and negative (-) lead to terminal 1.
- Check that the motor turns (moves to folding position).

NOTICE:

These tests must be performed quickly (within 5 – 10 seconds) to prevent the coil from burning out.



- Connect the positive (+) lead from the battery to terminal 1 and negative (-) lead to terminal 2.
- Check that the motor turns (moves to driving position).

NOTICE:

These tests must be performed quickly (within 5 – 10 seconds) to prevent the coil from burning out.

If operation is not as specified, replace the mirror assembly.