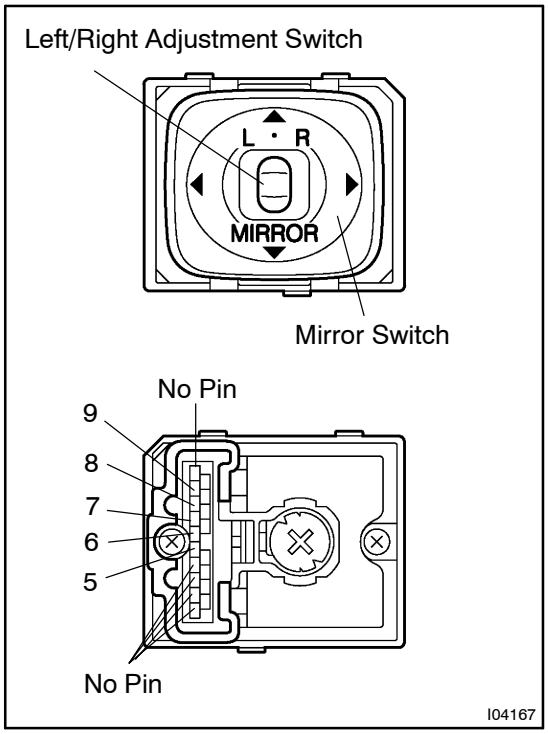
7011I–01

INSPECTION



1. INSPECT OUTER MIRROR SWITCH ASSY

(a) Select ”L” or ”R” on the left/right adjustment switch. Measure the switch resistance.

Standard:

Tester Connection	Switch Condition	Specified Condition
O3–7 – O3–9	OFF	10 kΩ or higher
O3–7 – O3–9	UP	90 to 100 Ω
O3–7 – O3–9	DOWN	435 to 505 Ω
O3–7 – O3–9	LEFT	740 to 860 Ω
O3–7 – O3–9	RIGHT	220 to 280 Ω

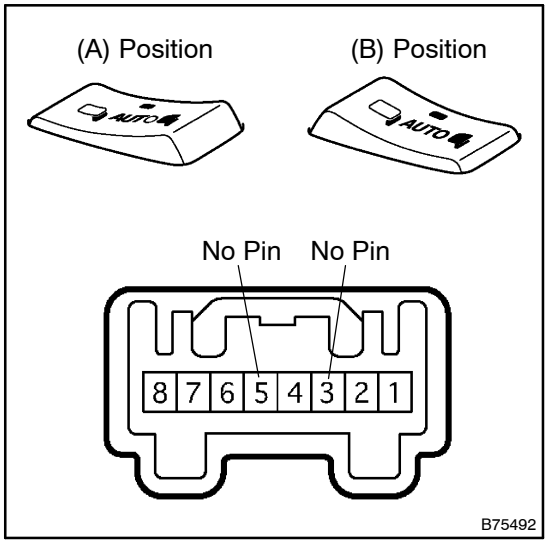
If the result is not as specified, replace the switch assy.

(b) Measure the left/right adjustment switch resistance.

Standard:

Tester Connection	Switch Condition	Specified Condition
O3–8 – O3–9	L	90 to 110 Ω
O3–8 – O3–9	R	10 Ω or less

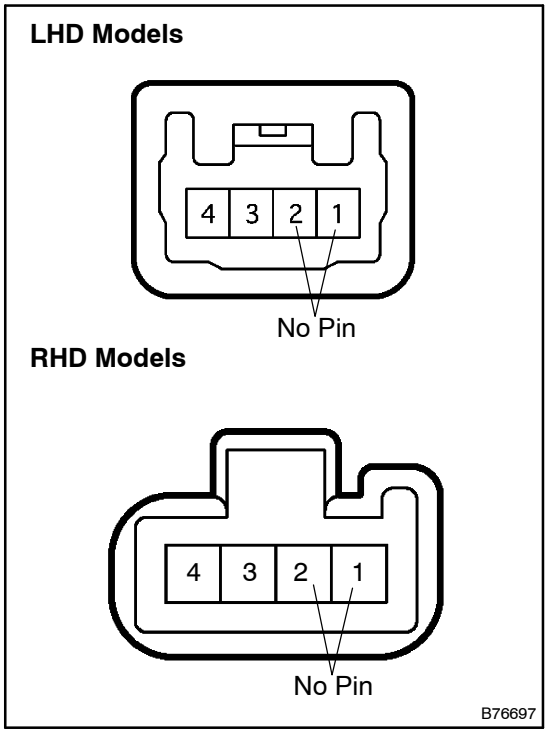
If the result is not as specified, replace the switch assy.



(c) Measure the retract switch resistance.

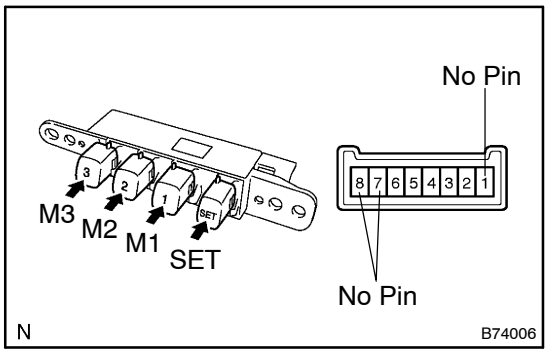
Standard:

Tester Connection	Switch Condition	Specified Condition
O4–4 – O4–7	(B) position	Below 1 Ω
O4–2 – O4–4	(A) position	Below 1 Ω



(d) Measure the clearance sonar switch resistance.

Tester Connection	Switch Condition	Specified Condition
3 – 4	OFF	10 kΩ or higher
3 – 4	ON	Below 1 Ω



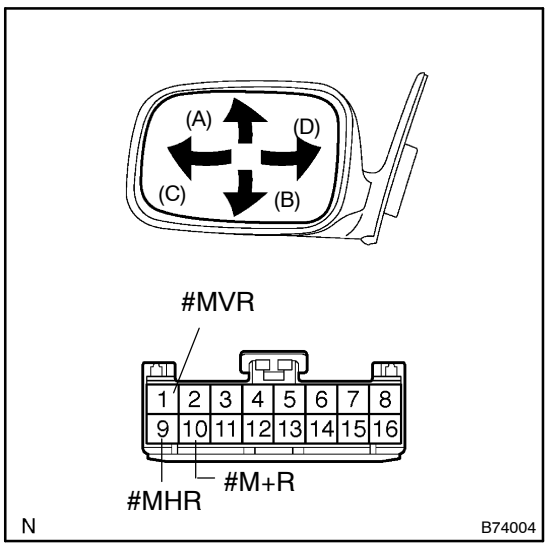
2. INSPECT SEAT MEMORY SWITCH

(a) Measure the switch resistance.

Standard:

Tester Connection	Switch Condition	Specified Condition
2 – 6	SET Switch ON	Below 1 Ω
3 – 6	M1 Switch ON	
3 – 6	M1 Switch ON	
4 – 6	M2 Switch ON	
5 – 6	M3 Switch ON	

If the result is not as specified, replace the switch assy.



3. INSPECT OUTER REAR VIEW MIRROR ASSY LH

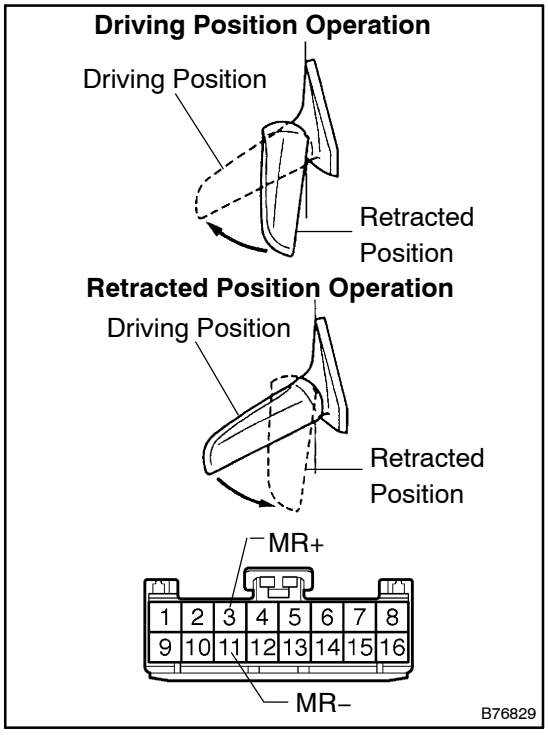
(a) Disconnect the mirror connector.

(b) Apply battery voltage and check operation of the mirror.

OK:

Measurement Condition	Specified Condition
Battery positive (+) → Terminal R38–1 (#MVR) Battery negative (–) → Terminal R38–10 (#M+R)	Turns upward (A)
Battery positive (+) → Terminal R38–10 (#M+R) Battery negative (–) → Terminal R38–1 (#MVR)	Turns downward (B)
Battery positive (+) → Terminal R38–10 (#M+R) Battery negative (–) → Terminal R38–9 (#MHR)	Turns right (D)
Battery positive (+) → Terminal R38–9 (#MHR) Battery negative (–) → Terminal R38–10 (#M+R)	Turns left (C)

If the result is not as specified, replace the mirror assy.



(c) Apply battery voltage and check the mirror retract operation.

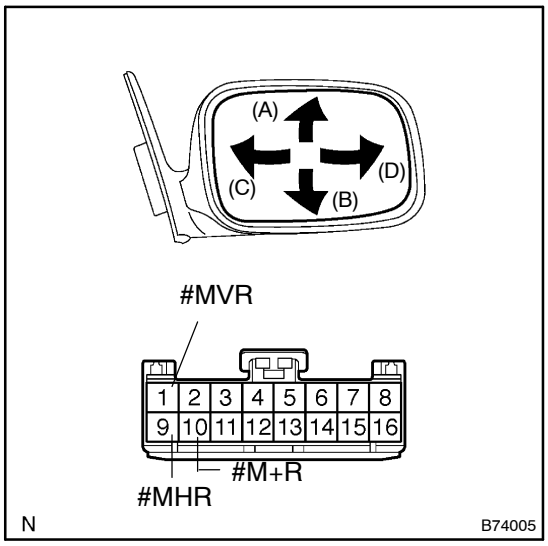
NOTICE:

- **Disconnect and reconnect the battery once between each mirror position check.**
- **The mirror position cannot be changed manually when the battery is connected. If you wish to change the mirror position manually, disconnect the battery first before doing so.**

OK:

Measurement Condition	Mirror Position	Specified Condition
Battery positive (+) → Terminal R38–11 (MR–) Battery negative (–) → Terminal R38–3 (MR+)	Retracted position	Moves from retracted position to driving position
Battery positive (+) → Terminal R38–3 (MR+) Battery negative (–) → Terminal R38–11 (MR–)	Driving position	Moves from driving position to retracted position

If the result is not as specified, replace the mirror assy.



4. INSPECT OUTER REAR VIEW MIRROR ASSY RH

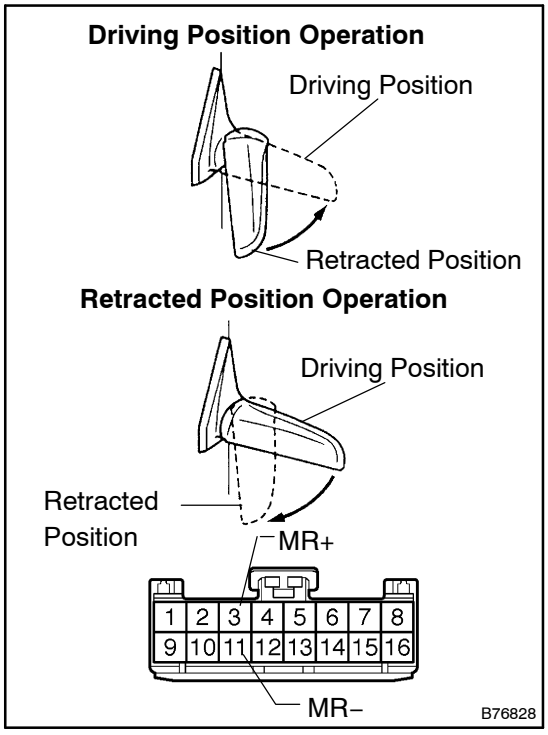
(a) Disconnect the mirror connector.

(b) Apply battery voltage and check operation of the mirror.

OK:

Measurement Condition	Specified Condition
Battery positive (+) → Terminal R39–1 (#MVR) Battery negative (–) → Terminal R39–10 (#M+R)	Turns upward (A)
Battery positive (+) → Terminal R39–10 (#M+R) Battery negative (–) → Terminal R39–1 (#MVR)	Turns downward (B)
Battery positive (+) → Terminal R39–10 (#M+R) Battery negative (–) → Terminal R39–9 (#MHR)	Turns right (D)
Battery positive (+) → Terminal R39–9 (#MHR) Battery negative (–) → Terminal R39–10 (#M+R)	Turns left (C)

If the result is not as specified, replace the mirror assy.



(c) Apply battery voltage and check the mirror retract operation.

NOTICE:

- **Disconnect and reconnect the battery once between each mirror position check.**
- **The mirror position cannot be changed manually when the battery is connected. If you wish to change the mirror position manually, disconnect the battery first before doing so.**

OK:

Measurement Condition	Mirror Position	Specified Condition
Battery positive (+) → Terminal R39–11 (MR–) Battery negative (–) → Terminal R39–3 (MR+)	Retracted position	Mirror moves from retracted position to driving position
Battery positive (+) → Terminal R39–3 (MR+) Battery negative (–) → Terminal R39–11 (MR–)	Driving position	Mirror moves from driving position to retracted position

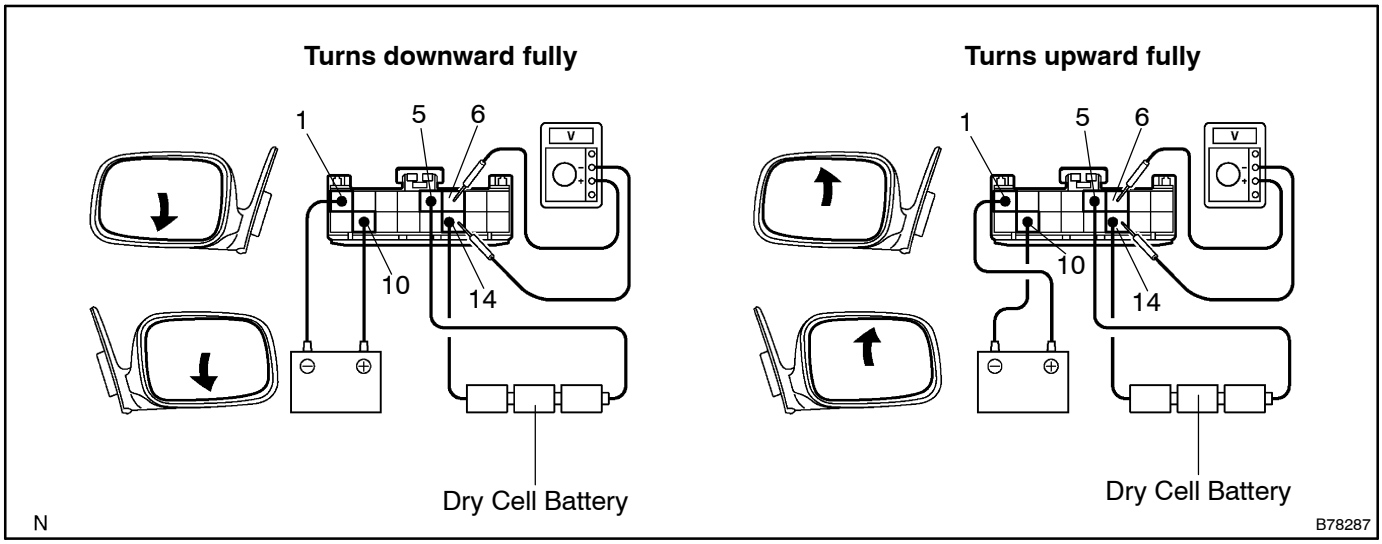
If the result is not as specified, replace the mirror assy.

5. INSPECT MIRROR POSITION SENSOR

(a) Check the voltage.

(1) Apply voltage to the terminals with a battery and a dry cell battery, as shown in the table below.

(2) Measure the voltage while the mirror moves between the fully turned downward position and fully turned upward positions.

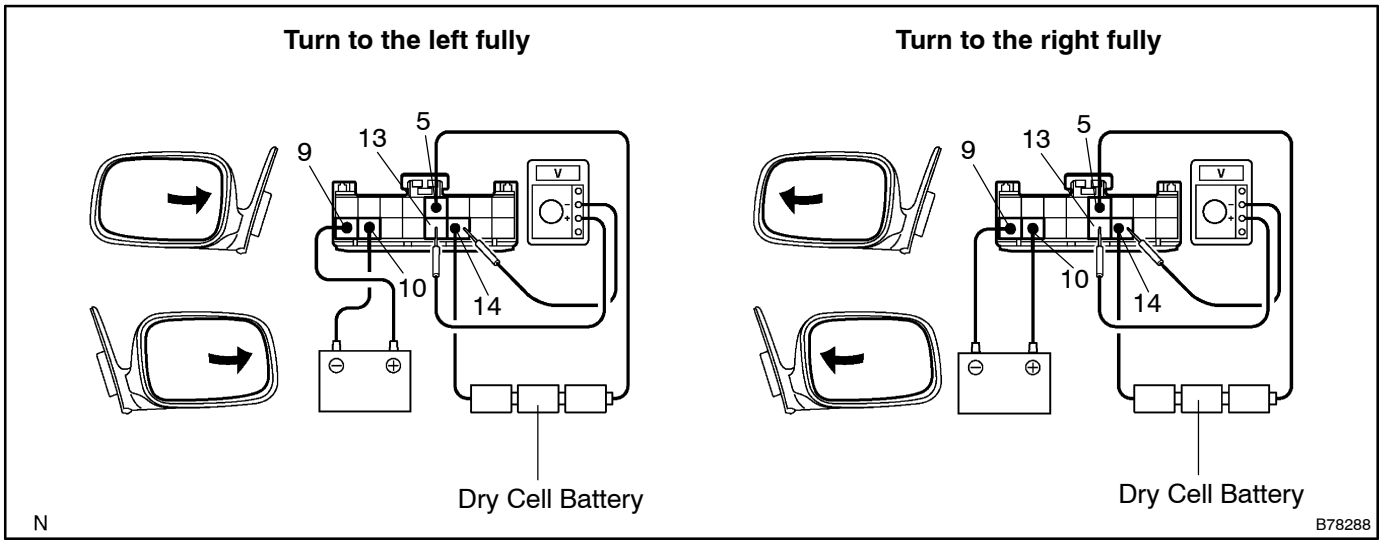


Standard:

Measurement Condition (battery)	Measurement Condition (Dry cell battery)	Voltmeter	Mirror Position	Change Gradually Voltage
Battery positive (+) → Terminal R38/R39–10 Battery negative (–) → Terminal R38/R39–1	Battery positive (+) → Terminal R38/R39–5 Battery negative (–) → Terminal R38/R39–14	Positive lead (+) → Terminal R38/R39–6 Negative lead (–) → Terminal R38/R39–14	Turns downward fully	2.8 to 5.0 V
Battery positive (+) → Terminal R38/R39–1 Battery negative (–) → Terminal R38/R39–10	Battery positive (+) → Terminal R38/R39–5 Battery negative (–) → Terminal R38/R39–14	Positive lead (+) → Terminal R38/R39–6 Negative lead (–) → Terminal R38/R39–14	Turns upward fully	0 to 1.0 V

If the result is not as specified, replace the mirror assy.

(3) Measure the voltage while the mirror moves betweenthe fully turned to the left position and fully turned to the right position



Standard (right side mirror):

Measurement Condition (battery)	Measurement Condition (Dry cell battery)	Voltmeter	Mirror Position	Change Gradually Voltage
Battery positive (+) → Terminal R38/R39–9 Battery negative (–) → Terminal R38/R39–10	Battery positive (+) → Terminal R38/R39–5 Battery negative (–) → Terminal R38/R39–14	Positive lead (+) → Terminal R38/R39–13 Negative lead (–) → Terminal R38/R39–14	Turns to the left fully	2.8 to 5.0 V
Battery positive (+) → Terminal R38/R39–10 Battery negative (–) → Terminal R38/R39–9	Battery positive (+) → Terminal R38/R39–5 Battery negative (–) → Terminal R38/R39–14	Positive lead (+) → Terminal R38/R39–13 Negative lead (–) → Terminal R38/R39–14	Turns to the right fully	0 to 1.0 V

If the result is not as specified, replace the mirror assy.

Standard (left side mirror):

Measurement Condition (battery)	Measurement Condition (Dry cell battery)	Voltmeter	Mirror Position	Change Gradually Voltage
Battery positive (+) → Terminal R38/R39–9 Battery negative (–) → Terminal R38/R39–10	Battery positive (+) → Terminal R38/R39–5 Battery negative (–) → Terminal R38/R39–14	Positive lead (+) → Terminal R38/R39–13 Negative lead (–) → Terminal R38/R39–14	Turns to the left fully	0 to 1.0 V
Battery positive (+) → Terminal R38/R39–10 Battery negative (–) → Terminal R38/R39–9	Battery positive (+) → Terminal R38/R39–5 Battery negative (–) → Terminal R38/R39–14	Positive lead (+) → Terminal R38/R39–13 Negative lead (–) → Terminal R38/R39–14	Turns to the right fully	2.8 to 5.0 V

If the result is not as specified, replace the mirror assy.