

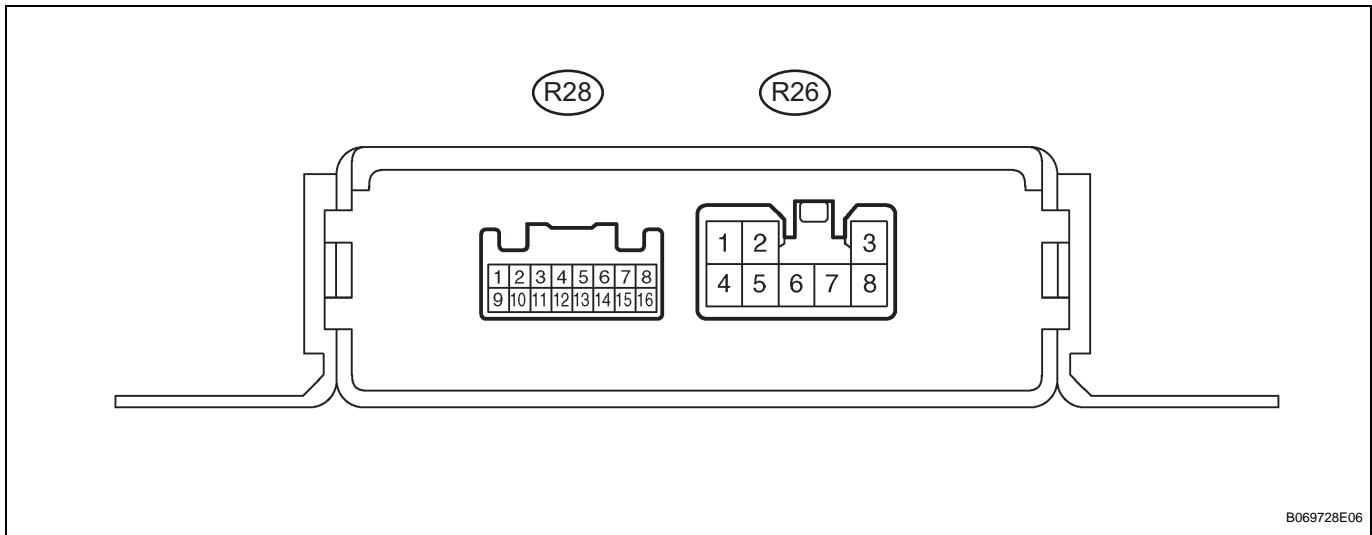
PROBLEM SYMPTOMS TABLE

Power Mirror Control System

Symptom	Suspected area	See page
Power mirrors cannot be adjusted manually	1. Power source circuit	MI-22
	2. Outer mirror switch circuit	MI-13
	3. Outer mirror motor circuit	MI-16
	4. Outer mirror switch	MI-38
	5. Outer rear view mirror	MI-33
Power mirrors do not move to memorized positions	1. Driving position switch circuit	MI-19
	2. Seat memory switch	-
	3. Position control ECU & switch	-
	4. Multiplex network master switch	-
Either driver side or passenger side power mirror cannot be adjusted manually	1. Power source circuit	MI-22
	2. Outer mirror switch circuit	MI-13
	3. Outer mirror motor circuit	MI-16
	4. Outer mirror switch	MI-38
	5. Outer rear view mirror	MI-33

TERMINALS OF ECU

1. CHECK OUTER MIRROR CONTROL ECU LH



- (a) Disconnect the R26 connector.
- (b) Measure the voltage and resistance according to the value(s) in the table below.

Standard voltage

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
BDR (R26-3) - Body ground	G - Body ground	+B power supply	Always	10 to 14 V
CPUB (R26-7) - Body ground	L-B - Body ground	+B power supply	Always	10 to 14 V
SIG (R26-8) - Body ground	GR - Body ground	Ignition power supply	Ignition switch OFF → ON	0 V → 10 to 14 V

Standard resistance

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
GND (R26-1) - Body ground	W-B - Body ground	Ground	Always	Below 1 Ω

If the result is not as specified, there may be a malfunction on the wire harness side.

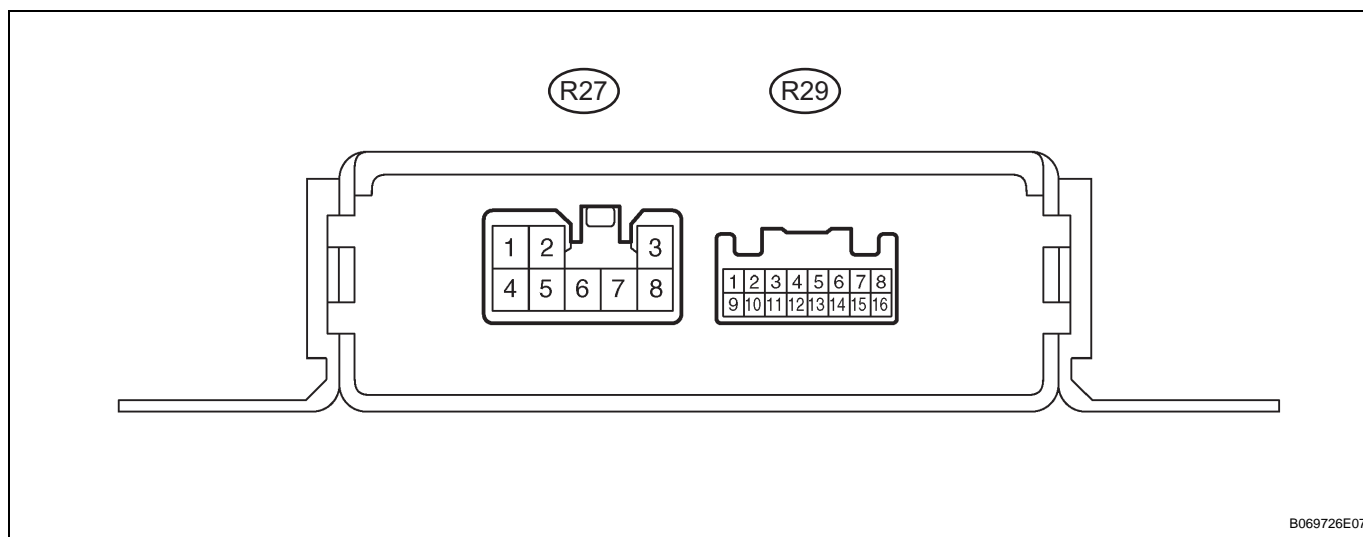
- (c) Reconnect the R26 connector.
- (d) Measure the voltage according to the value(s) in the table below.

MI Standard voltage

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
LMVR (R28-1) - Body ground	V - Body ground	Outer mirror switch signal (Up or Right)	Ignition switch ACC, Left/Right adjustment switch L side, Mirror switch OFF → UP or Right	0 V → 10 to 14 V
HTR+ (R28-4) - HTR- (R23-12)	B - B	Mirror heater signal	Mirror heater switch ON	0 V → 10 to 14 V
LVC (R28-5) - Body ground	R-W - Body ground	Power source for mirror position sensor	Ignition switch OFF → ACC	0 V → 0 to 5 V

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
VSSR (R28-6) - Body ground	Y-B - Body ground	Vertical direction position signal	Ignition switch ACC, Left/Right adjustment switch L side, Mirror switch uppermost position → lowermost position	0 V → 1 to 3 V
LMHR (R28-9) - Body ground	BR - Body ground	Outer mirror switch signal (Left or Down)	Ignition switch ACC, Left/Right adjustment switch L side, Mirror switch OFF → LEFT or DOWN	0 V → 10 to 14 V
LM+R (R28-10) - Body ground	R - Body ground	Outer mirror switch signal (Right or Down)	Ignition switch ACC, Left/Right adjustment switch L side, Mirror switch OFF → RIGHT or DOWN	0 V → 10 to 14 V
HSSR (R28-13) - Body ground	P - Body ground	Horizontal direction position signal	Ignition switch ACC, Left/Right adjustment switch L side, Mirror switch innermost position → outermost position	0 V → 1 to 3 V

2. CHECK OUTER MIRROR CONTROL ECU RH



- Disconnect the R27 connector.
- Measure the voltage and resistance according to the value(s) in the table below.

Standard voltage

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
BDR (R27-3) - Body ground	G - Body ground	+B power supply	Always	10 to 14 V
CPUB (R27-7) - Body ground	L-B - Body ground	+B power supply	Always	10 to 14 V
SIG (R27-8) - Body ground	GR - Body ground	Ignition power supply	Ignition switch OFF → ON	0 V → 10 to 14 V

Standard resistance

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
GND (R27-1) - Body ground	W-B - Body ground	Ground	Always	Below 1 Ω

If the result is not as specified, there may be a malfunction on the wire harness side.

- (c) Reconnect the R27 connector.
- (d) Measure the voltage according to the value(s) in the table below.

Standard voltage

Symbols (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
LMVR (R29-1) - Body ground	V - Body ground	Outer mirror switch signal (Up or Right)	Ignition switch ACC, Left/Right adjustment switch L side, Mirror switch OFF → UP or Right	0 V → 10 to 14 V
HTR+ (R29-4) - HTR- (R29-12)	B - B	Mirror heater signal	Mirror heater switch ON	0 V → 10 to 14 V
LVC (R29-5) - Body ground	R-W - Body ground	Power source for mirror position sensor	Ignition switch OFF → ACC	0 V → 0 to 5 V
VSSR (R29-6) - Body ground	Y-B - Body ground	Vertical direction position signal	Ignition switch ACC, Left/Right adjustment switch L side, Mirror switch uppermost position → lowermost position	0 V → 1 to 3 V
LMHR (R29-9) - Body ground	BR - Body ground	Outer mirror switch signal (Left or Down)	Ignition switch ACC, Left/Right adjustment switch L side, Mirror switch OFF → LEFT or DOWN	0 V → 10 to 14 V
LM+R (R29-10) - Body ground	R - Body ground	Outer mirror switch signal (Right or Down)	Ignition switch ACC, Left/Right adjustment switch L side, Mirror switch OFF → RIGHT or DOWN	0 V → 10 to 14 V
HSSR (R29-13) - Body ground	P - Body ground	Horizontal direction position signal	Ignition switch ACC, Left/Right adjustment switch L side, Mirror switch innermost position → outermost position	0 V → 1 to 3 V