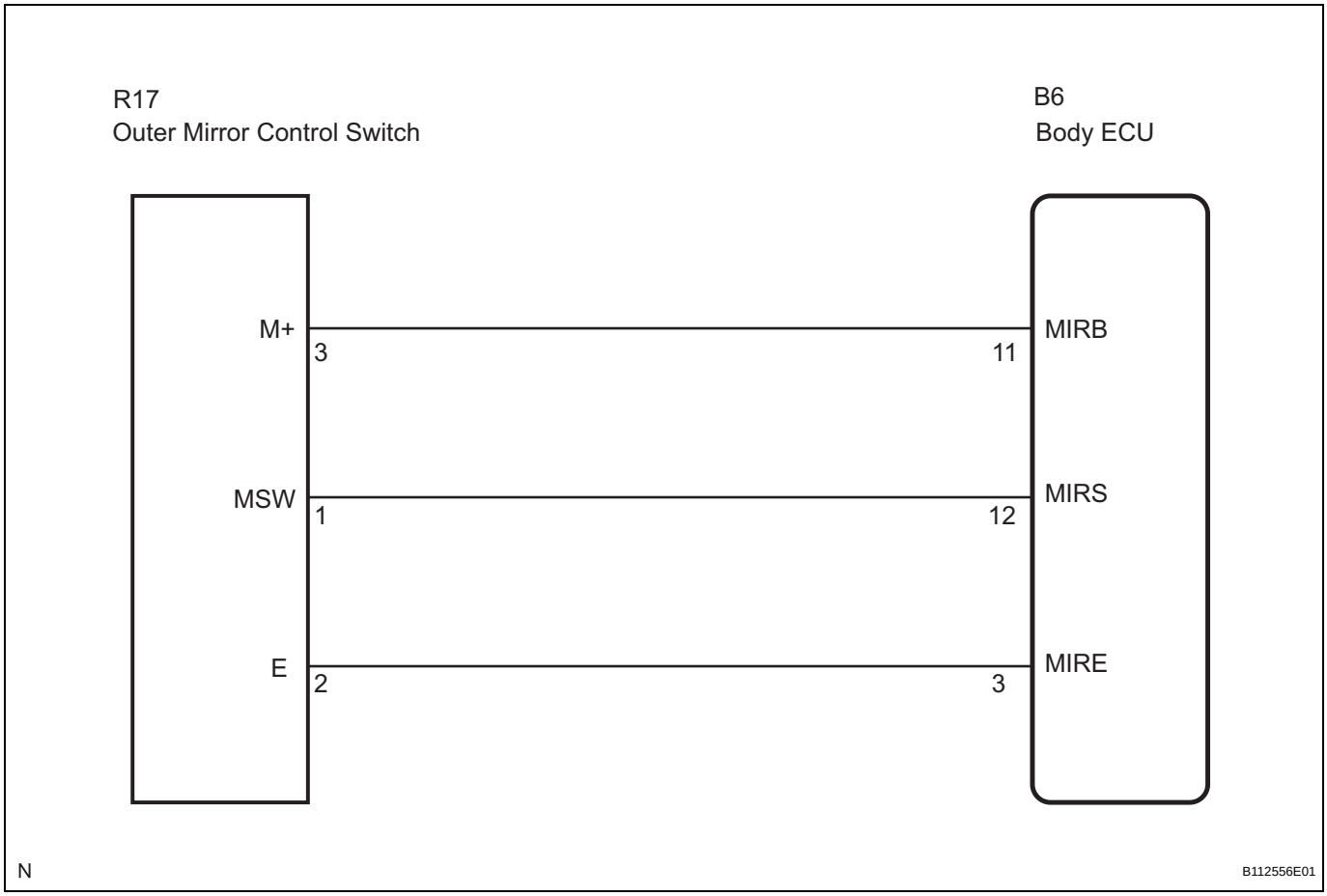
Mirror Switch Circuit

DESCRIPTION

- A switch signal of the outer mirror switch is transmitted to the selected outer mirror control ECU by way of the body ECU. Then, the outer mirror control ECU activates the mirror motor to move the mirror UP, DOWN, RIGHT and LEFT in response to the inputs.
  HINT:
  The power mirror control system is part of the multiplex communication system (BEAN). This system features shared communication wiring that reduces the wiring complexity of the communication lines. The first step in any repair is to confirm the proper operation of the communication system. Proceed with troubleshooting after the communication has been verified (See Multiplex Communication System) (See page MP-4).

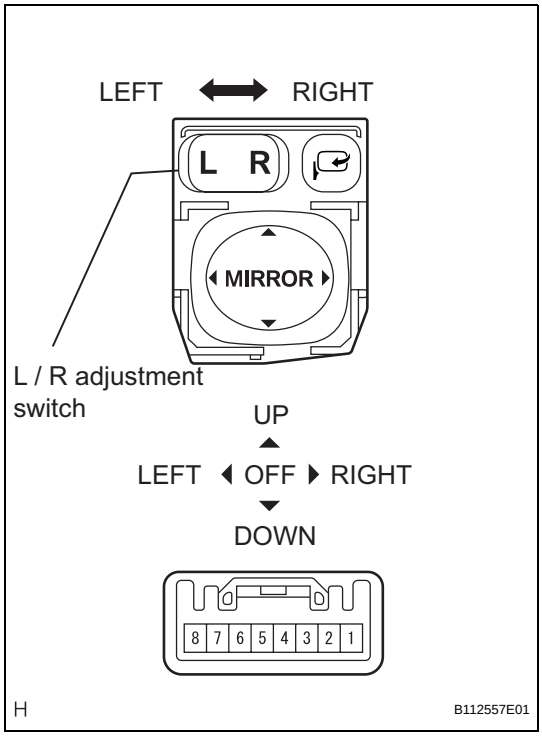
WIRING DIAGRAM



MI

INSPECTION PROCEDURE

1 INSPECT OUTER MIRROR SWITCH



(a) Remove the outer mirror control switch.
(b) Measure the resistance according to the value(s) in the table below when the switch is operated.

Resistance

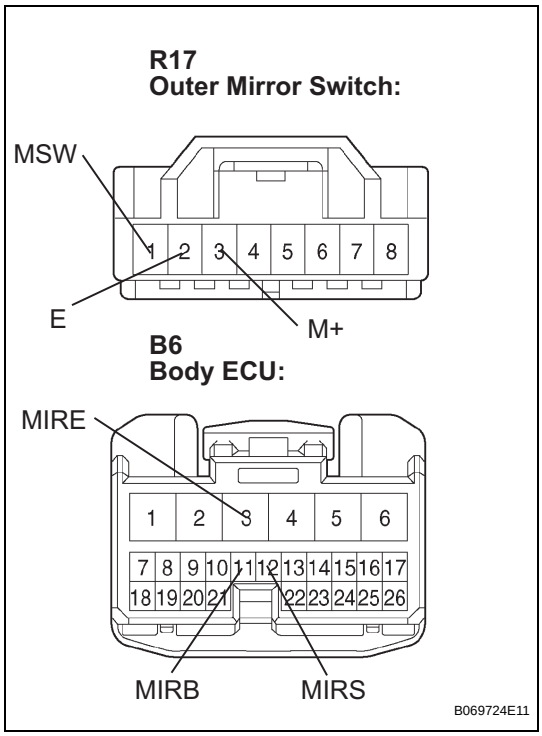
Tester Connection	Switch Position	Specified Condition
2 - 3	OFF	10 kΩ or higher
	UP + L or R (*1)	80 to 120 Ω
	DOWN + L or R (*1)	450 to 490 Ω
	LEFT + L or R (*1)	780 to 820 Ω
	RIGHT + L or R (*1)	230 to 270 Ω
1 - 2	L	90 to 110Ω
	R	10 Ω or less

*1: The L or R of the left / right adjustment switch.

NG → **REPLACE OUTER MIRROR SWITCH**

OK

2 CHECK WIRE HARNESS (OUTER MIRROR SWITCH - MAIN BODY ECU RH)



(a) Disconnect the B6 ECU connector.
(b) Measure the resistance according to the value(s) in the table below.

Resistance

Tester Connection (Symbols)	Condition	Specified Condition
R17-3 (M+) - B6-11 (MIRB)	Always	Below 1 Ω
R17-1 (MSW) - B6-12 (MIRS)	Always	Below 1 Ω
R17-2 (E) - B6-3 (MIRE)	Always	Below 1 Ω
R17-3 (M+) - Body ground	Always	10 kΩ or higher
R17-1 (MSW) - Body ground	Always	10 kΩ or higher
R17-2 (E) - Body ground	Always	10 kΩ or higher

NG → **REPAIR OR REPLACE HARNESS OR CONNECTOR**

MI

OK

PROCEED TO NEXT INSPECTION SHOWN IN PROBLEM SYMPTOMS TABLE