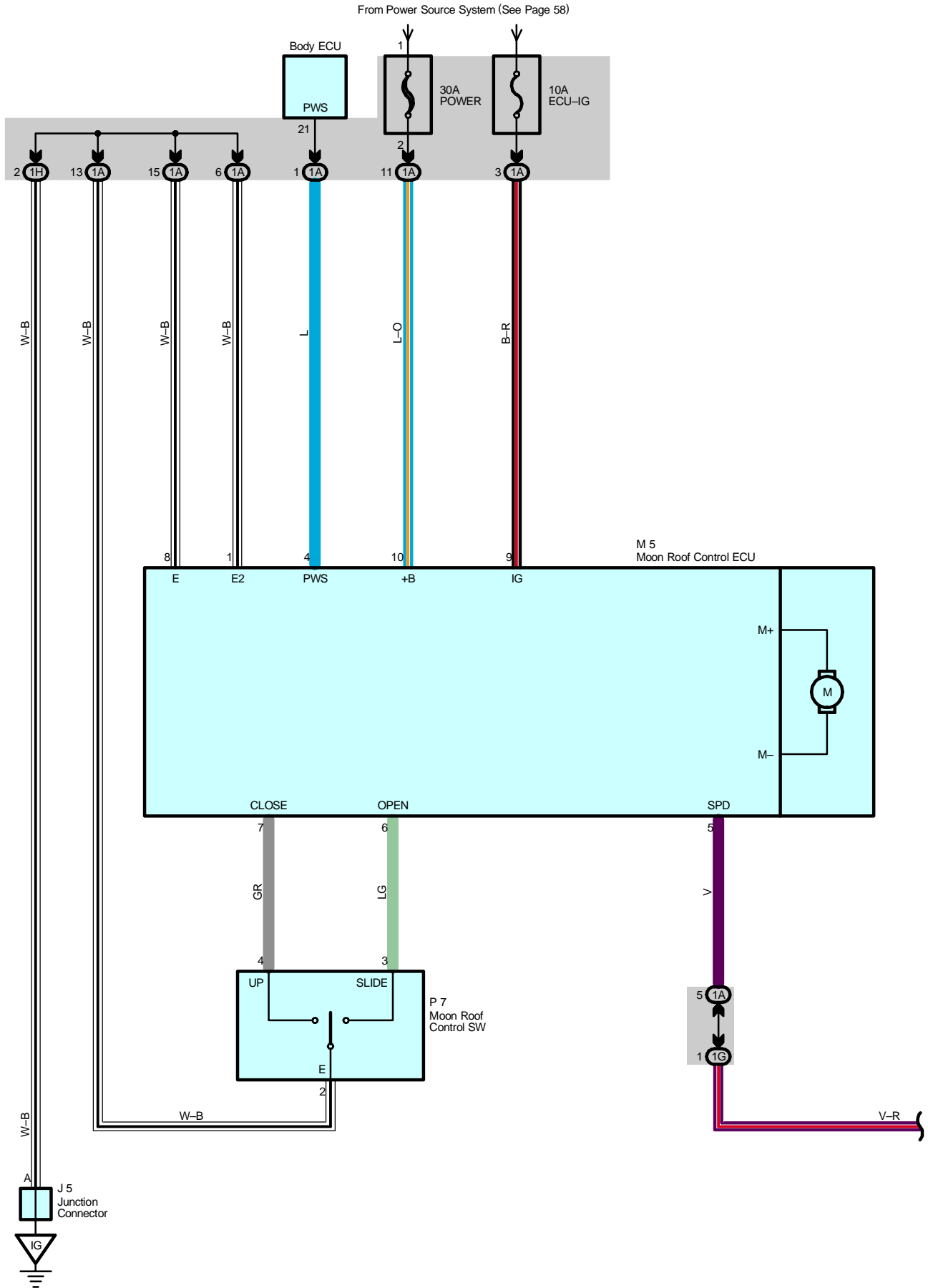


Moon Roof



Moon Roof

System Outline

Current is always applied from the POWER fuse to TERMINAL 10 of the moon roof control ECU. With the ignition SW turned on, the current flows to TERMINAL 9 of the moon roof control ECU.

1. Moon Roof Open/Close Operation

For moon roof operation, there are moon roof control switches: "Slide open/tilt down"; and "Slide close/tilt up." When a switch is pressed and held down for a certain period of time, one touch automatic operation takes place in accordance with the function of the switch.

2. Key-Off Operation

Roof remains operable – until about 45 seconds elapse after the ignition SW is turned from ON to OFF or until the driver's seat door is opened and closed, whichever first occurs.

However, if an overload reverse operation was going on at that time, the key-off operation continues until it comes to an end.

3. Overload Reverse Operation

The moon roof control ECU detects jamming of the moon roof by foreign material, if occurred, from abnormal motor speed signal and reverses the moon roof operation.

4. Deflector Control Function

When the roof is slid fully open, the moon roof control ECU automatically adjusts the height of deflector in accordance with the vehicle cruising speed.

* When the battery terminal or fuse is disconnected, the roof position has to be reset to its initial position by the moon roof control SW in accordance with the following procedure:

- (1) Reconnect the battery terminal or fuse.
 - (2) Turn ON the ignition switch.
 - (3) Operate the moon roof control SW to open the roof halfway or more.
 - (4) Then operate the moon roof control SW to fully close the roof.
- Do not release the switch for at least one second after the roof is fully closed.

Service Hints

M5 Moon Roof Control ECU

9-Ground : Approx. 12 volts with the ignition SW at ON position

10-Ground : Always approx. 12 volts

1, 8-Ground : Always continuity

○ : Parts Location

Code	See Page	Code	See Page	Code	See Page		
C9	B	37	J7	38	M5	41	
C10	C	37	J8	A	38	P7	41
J5	38	J9	B	38	S8	39	

○ : Relay Blocks

Code	See Page	Relay Blocks (Relay Block Location)
2	22	Engine Room R/B (Engine Compartment Left)

○ : Junction Block and Wire Harness Connector

Code	See Page	Junction Block and Wire Harness (Connector Location)
1A	24	Roof Wire and Driver Side J/B (Lower Finish Panel)
1G	25	Instrument Panel Wire and Driver Side J/B (Lower Finish Panel)
1H		

□ : Connector Joining Wire Harness and Wire Harness

Code	See Page	Joining Wire Harness and Wire Harness (Connector Location)
IC4	48	Instrument Panel Wire and Engine Room Main Wire (Left Kick Panel)
IM1	52	Engine Wire and Instrument Panel Wire (Right Side of Blower Unit)



: Ground Points

Code	See Page	Ground Points Location
EF	44 (2UZ-FE)	Rear Side of Left Bank Cylinder Block
	46 (1GR-FE)	
IG	48	Left Kick Panel