

MODULE PIN NUMBERS

1&8	+12 volts
2	not used
3&10	roof motor up/down
4&12	5th bow closure motor (located on storage lid) this motor pulls the 5th bow down to latch it closed or releases the 5th bow to allow it to be raised.
5&13	storage lid motor open/close motor
6	motor located under storage lid to release the mechanical lock and enable the 5th bow to raise from the storage lid. this is not the closure motor.
7	ground to controller
8&1	+12 volts
9	not used
10&3	roof motor
11	not used
12&4	closure motor
13&5	lid motor
14	speed pulse input
15	storage lid unlock motors located inside storage area bottom. these can be manually unlocked using the pull cables inside the trunk area.
16	ground for controller
17	ignition 'on' =12 volts
18	'open' switch on dash
19	'close' switch on dash
20	roof is closed (erected)
21	roof is open (stored)
22	roll bar interference switch (I have no idea where or for what this is)
23	speed pulse input
24	RH storage lid switch shows lid closed (located on the motor)
25	LH storage lid switch shows lid closed (located on the motor)
26	5th bow is fully raised
27	5th bow is fully down against the storage lid
28	not used
29	5th bow ending switch (shows that the 5th bow has been released from the actuator. located on the actuator mechanism on the storage lid).
30	shows that the 5th bow has latched to the storage lid and tells seat control that roof has finished its operation
31	5th bow switch that shows that 5th bow has entered the mechanical lock of the storage lid (not latched down at this point)
32	interference switch (I don't know where or what this is)
33	storage lid has opened fully
34	output to seat module to move passenger seat
35	indicator light
36	output to lower windows

37&42 roof motors open/close
38 brake pedal is pushed
39 not used
40 not used
41&48 storage lid motor open/close
42&37
43 not used
44&45 5th bow raise/lower motor
46 not used
47 not used
48&41