

FUSE LAYOUTS

(RAM First Gen)



FUSES / RELAYS FOR THIS TIPM

FUSE / RELAY	AMP	DESCRIPTION
1	use MINI 20A	Power Outlet Console
2	Fuse MINI 20A	Cabin Compartment Node (CCN) Door Locks/Brake Transmission Shift Interlock (BTSI)
3	Fuse MINI 20A	Spare
4	Fuse MINI 20A	Spare
5	Fuse MINI 20A	Power Sunroof
6	Fuse MINI 10A	Occupant Classification Module (OCM)/ VIST Fan/Wastegate
7	Fuse MINI 15A	Reverse Lockout Solenoid Battery [SRT-10 Only]
8	Fuse MINI 10A	Heated Mirrors

9	Fuse FMX/JCASE 30A	Off Road Module Power
10	Fuse MINI 5A	Trx-Off Road Pkg Sen [Gas Engine Only]
11	Fuse MINI 20A	Ignition Off Draw (IOD)-Cabin Compartment Node (CCN)/Radio/Under Hood Lamp/Wireless Control Module (WCM)/Satellite Digital Audio Receiver (SDARS)/Hands Free Module (HFM)
12	Fuse FMX/JCASE 30A	Electric Brake
13	Fuse MINI 25A	Power-Battery RWAL/ABS Module Feed
14	Fuse MINI 15A	Park Lamps Left
15	Fuse MINI 20A	Trailer Park Lamps
16	Fuse MINI 15A	Park Lamps Right
17	Fuse MINI 15A	Spare
18	Fuse FMX/JCASE 40A	ABS Pump
19	Fuse FMX/JCASE 30A	Trailer Tow
20	Fuse MINI 10A	Occupant Restraints Controller (ORC) 2
21	Fuse MINI 10A	Occupant Restraints Controller (ORC) Preset Carrier
22	Fuse MINI 2A	IGN Switch Feed
23	Fuse MINI 10A	Engine Control Module (ECM) Wireless Control Module (WCM)/HVC
24	Fuse FMX/JCASE 20A	Subwoofer Amplifier [SRT-10 Only]
25	Fuse MINI 10A	Power Mirror
26	Fuse MINI 20A	Brake Switch/Center High Mount Stop Lamp (CHMSL)
27	Fuse FMX/JCASE 40A	Power Seats
28	Fuse MINI 10A	Power Run/StartNCC/Wireless Control Module (WCM)/ABS/RWAL
29	Fuse MINI 10A	Switches/EC Mirror, / Smart Bar
30	Fuse MINI 15A	Spare
31	Fuse MINI 10A	PCM/Transfer Case Brake
32	Fuse MINI 10A	HVAC/Ajustable Pedals/Heated Seats Switch LED/Exhaust Brake
33	Fuse MINI 10A	Power-IGN Run Misc
34	Fuse MINI 10A	Spare
35	Fuse MINI 15A	Cabin Compartment Node (CCN) Illumination
36	Fuse MINI 25A	Audio_Amplifier
37	Fuse MINI 15A	Spare
38	Fuse MINI 20A	Power Outlet IP
39	Fuse MINI 10A	Sunroof/Seatbelt Tensioner

40	Fuse MINI 20A	Cigar Lighter
41	Fuse MINI 25A	Spare
42	Fuse FMX/JCASE 30A	Diesel PCM [Diesel Only]

FUNCTIONS OF THIS TIPM

Functions	Functions TIPM controls	
Starting	Fuel Pump	Fuel pump not turning on, causing stalling or starting issues.
	Starter	may be an internal tipm issue (please check relevant fuses)
Transmission	PWR to Transmission Control Module	may be an internal tipm issue (please check relevant fuses)
Lighting	Headlights	may be an internal tipm issue - (please check relevant fuses)
	Fog Lights	
	Turn Signals	
	Reverse Lights	
	Brake Lights	
	Trailer Lights	
	Running Lights	
	License Plate Light	
	trailer lights	
locks	door locks trunk / tailgate locks	If locks are not working after install, maybe reset related issue. Follow soft reset instructions
		may be an internal tipm issue (please check relevant fuses)
All Other	Heated Seats	may be an internal tipm issue (please check relevant fuses)
	Air conditioning / Heat Blow Motor	may be an internal tipm issue - (it is <i>common for a/c to go off, airbag light to come on</i>) (please check relevant fuses)
	Auto Shut Down	may be an internal tipm issue (please check relevant fuses)
	Radiator / Cooling Fan	may be an internal tipm issue (please check relevant fuses)

	Horn	horn going off on it's own may be a short elsewhere in the vehicle
		may be an internal tipm issue (please check relevant fuses)
	Wipers	headlights & wipers going off at the same time may be issue with can-bus communcation
		may be an internal tipm issue (be sure to check external fuses)
	Washer Pump / Fluid	headlights & wipers going off at the same time may be issue with can-bus communcation
		may be an internal tipm issue (please check relevant fuses)
	Windows	may be an internal tipm issue (please check relevant fuses)
	diesel fuel heater	may be an internal tipm issue (please check relevant fuses)
	no communication with modules (ECM, PCM, ABS)	may be an internal tipm issue (please check relevant fuses)
4X4	may be an internal tipm issue	

Other issues not mentioned that can be TIPM related

dash warning lights - may be internal tipm failure causing communication issues with other modules, which can cause warning lights. can be caused by many other factors other then tipm as well, like loose wire, bad connection in a plug, etc