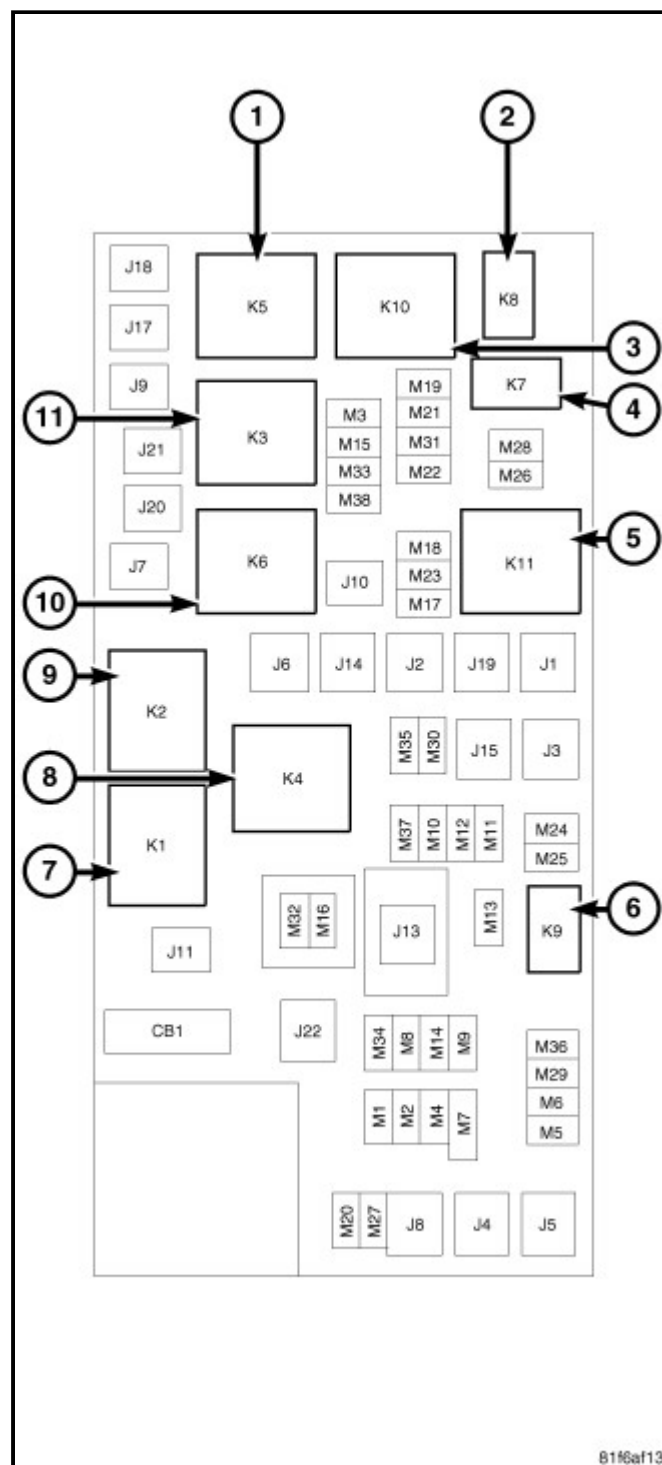


FUSES/TOTALLY INTEGRATED POWER MODULE (TIPM)

The Totally Integrated Power Module (TIPM) is located in the engine compartment near the air cleaner assembly. This center contains fuses and relays.

CAUTION:

- 1 When installing the power module cover, it is important to ensure the cover is properly positioned and fully latched. Failure to do so may allow water to get into the TIPM, and possibly result in an electrical system failure.
- 1 When replacing a blown fuse, it is important to use only a fuse having the correct amperage rating. The use of a fuse with a rating other than indicated may result in a dangerous electrical system overload. If a properly rated fuse continues to blow, it indicates a problem in the circuit that must be corrected.



TOTALLY INTEGRATED POWER MODULE (TIPM)

Relays

Cavity	Description
1	PCM
2	SPARE
3	AUTO SHUT DOWN
4	SPARE
5	RADIATOR FAN CONTROL

6	REAR BLOWER MOTOR (3 ZONE HVAC)
7	RUN/ACCESSORY
8	RUN/START
9	RUN
10	REAR WINDOW DEFOGGER
11	STARTER MOTOR

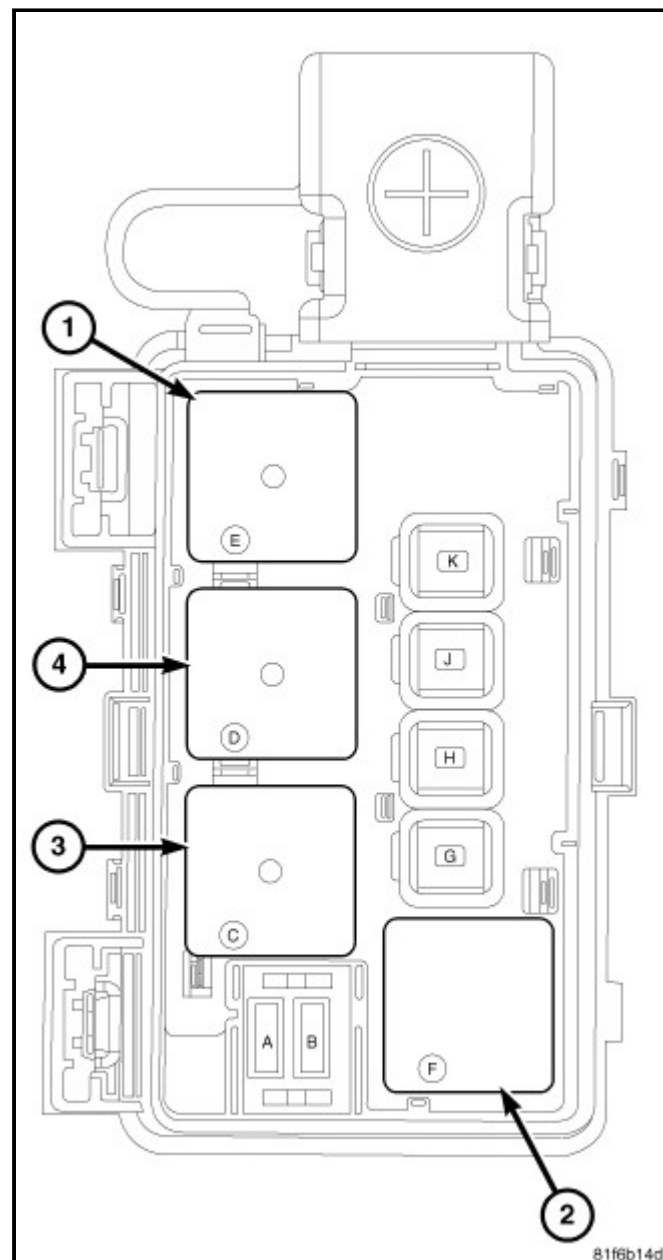
FUSE LOCATIONS AND TYPES

TOTALLY INTEGRATED POWER MODULE (TIPM)			
Cavity	Cartridge Fuse	Mini-Fuse	Description
J1	40 Amp Green	—	Power Folding Seat
J2	30 Amp Pink	—	Transfer Case Module - if equipped
J3	40 Amp Green	—	Rear Door Module
J4	25 Amp White	—	Driver Door Node
J5	25 Amp White	—	Passenger Door Node
J6	40 Amp Green	—	Anti-Lock Brake System (ABS) Pump/Electronic Stability Program (ESP)
J7	30 Amp Pink	—	Anti-Lock Brake System (ABS) Pump/Electronic Stability Program (ESP)
J8	40 Amp Green	—	Power Seat - if equipped
J9	40 Amp Green	—	Flex Fuel/PZEV Motor - if equipped
J10	30 Amp Pink	—	Headlight Washer - if equipped
J11	30 Amp Pink	—	THATCHM Relay Lock Feed
J13	60 Amp Yellow	—	Ignition Off Draw (IOD)
J14	40 Amp Green	—	Rear Window Defogger
J15	30 Amp Pink	—	Rear Blower - if equipped
J17	40 Amp Green	—	Starter Solenoid
J18	20 Amp Yellow	—	Powertrain Control Module (PCM)
J19	60 Amp		Radiator Fan Motor

	Yellow	—	
J20	30 Amp Pink	—	Windshield Wiper
J21	20 Amp Blue	—	Front/Rear Washer
J22	25 Amp White	—	Sunroof Module - if equipped
M1	—	15 Amp Blue	Center High Mounted Stop Light (CHMSL)
M2	—	20 Amp Yellow	(If Equipped) Trailer Lights
M3	—	20 Amp Yellow	Front/Rear Axle
M4	—	10 Amp Red	Trailer Tow - if equipped
M5	—	25 Amp Natural	Power Inverter - if equipped
M6	—	20 Amp Yellow	Power Outlet #1
M7	—	20 Amp Yellow	Power Outlet #2 (Battery/Ignition Select)
M8	—	20 Amp Yellow	Front Heated Seats - if equipped
M9	—	20 Amp Yellow	(If Equipped) Rear Heated Seats
M10	—	15 Amp Blue	Vanity Lamps/Hands-Free Module (HFM) - if equipped, Remote Display - if equipped, Satellite Digital Audio Receiver (SDARS) - if equipped, Universal Garage Door Opener (UGDO) - if equipped, Vanity Light, Video Entertainment System (VES)® - if equipped
M11	—	10 Amp Red	Automatic Temperature Control (ATC) - if equipped, Underhood Light, Microwave Sensor
M12	—	30 Amp Green	Radio, Amplifier (AMP)
M13	—	20 Amp Yellow	Cabin Compartment Node (CCN), Intrusion Module, Siren, Multifunction Switch
M14	—	20 Amp Yellow	Trailer Tow - if equipped
M15	—	20 Amp Yellow	Auto Dim Rearview Mirror - if equipped, Infrared Sensor (IR) - if equipped, Multifunction Switch, Tire Pressure Monitor System (TPMS) - if equipped
M16	—	10 Amp Red	Occupant Restraint Controller (ORC)
M17	—	15 Amp Blue	Left Park/Side Marker/Tail/Running Lights, License Lights
M18	—	15 Amp Blue	Right Park/Side Marker/Tail/Running Lights
M19	—	25 Amp Natural	Auto Shut Down (ASD) #1 and #2
M20	—	15 Amp	Electronic Vehicle Information Center (EVIC) - if equipped, Interior Lighting, Steering

		Blue	Wheel Switches - if equipped, Switch Bank
M21	—	20 Amp Yellow	Auto Shut Down (ASD) #3
M22	—	10 Amp Red	Right Horn
M23	—	10 Amp Red	Left Horn
M24	—	25 Amp Natural	Rear Wiper
M25	—	20 Amp Yellow	Fuel Pump/Diesel Lift Pump - if equipped
M26	—	10 Amp Red	Power MIRRORS Switch
M27	—	10 Amp Red	Steering Column Lock, Wireless Ignition Node (WIN)
M28	—	10 Amp Red	Powertrain Control Module (PCM)
M29	—	10 Amp Red	Occupant Classification Module (OCM)
M30	—	15 Amp Blue	Diagnostic Feed
M31	—	20 Amp Yellow	Back-Up Lights
M32	—	10 Amp Red	Trailer Tow - if equipped/Occupant Restraint Controller (ORC)
M33	—	10 Amp Red	Powertrain Control Module (PCM)
M34	—	10 Amp Red	Climate Control Module, Compass Module - if equipped, Flashlight - if equipped, Headlight Washer - if equipped, Diesel Radiator Fan - if equipped
M35	—	10 Amp Red	Heated Mirrors - if equipped
M36	—	20 Amp Yellow	Power Outlet
M37	—	10 Amp Red	Anti-Lock Brake System (ABS) , Electronic Stability Program (ESP), STOP LIGHT Switch
M38	—	25 Amp Natural	Lock/Unlock Motors

FUSES/POWER DISTRIBUTION CENTER (PDC) - EXPORT DIESEL



POWER DISTRIBUTION CENTER (PDC) FUSES

FUSES		
FUSE NO.	AMPS	FUNCTION
A	20A	FUSED ASD/MAIN RELAY OUTPUT
B	30A	FUSED ASD/MAIN RELAY OUTPUT
G	60A	FUSED B+
H	60A	FUSED B+
J	60A	FUSED B+
K	60A	FUSED B+
RELAYS		

RELAY NUMBER	RELAY	FUNCTION
1	E	CABIN HEATER 1
2	F	AUTO SHUT DOWN 2
3	C	CABIN HEATER 3
4	D	CABIN HEATER 2