

Dodge Nitro 2007 – 2011 fuse box diagram

Integrated power module

The Totally Integrated Power Module (TIPM) is located in the engine compartment near the battery.

Cavity	Cartridge fuse	Mini fuse	Circuits
J1	40	—	Power Folding Seat
J2	30	—	Transfer Case/Pwr Liftgate Module
J3	40	—	Rear Door Module (RR DOOR NODE)
J4	25	—	Driver Door Node
J5	25	—	Passenger Door Node
J6	40	—	Anti-Lock Brake System (ABS) Pump/ESP
J7	30	—	Anti-Lock Brake System (ABS) Valve/ESP
J8	40	—	Power Memory Seat (If Equipped)
J9	40	—	PZEV Motor/Flex Fuel
J10	30	—	HdIp Wash Relay/Manual Tuning Valve
J11	30	—	Sway Bar/THATCHAM Lock-Unlock/Power Sliding Door Module

J13	60	—	Ignition Off Draw (IOD) — Main
J14	40	—	EBL (Rear Window Defogger)
J15	30	—	Rear Blower
J17	40	—	Starter Solenoid
J18	20	—	Powertrain Control Module (PCM) Trans Range
J19	60	—	Radiator Fan
J20	30	—	Front Wiper LO/HI
J21	20	—	Front/Rear Washer
J22	25	—	Sunroof Module
M1	—	15	Center High Mounted Stop Light (CHMSL)/Brake Switch
M2	—	20	Trailer Lighting
M3	—	20	Frt/Rear Axle Lockers
M4	—	10	Trailer Tow
M5	—	25	Inverter
M6	—	20	Power Outlet #1/Rain Sensor

M7	—	20	Power Outlet #2 (BATT/ACC SELECT)
M8	—	20	Front Heated Seat
M9	—	20	Rear Heated Seat (If Equipped)
M10	—	20	Ignition Off Draw — Vehicle Entertainment System (IOD-VES), Satellite Digital Audio Receiver (SDARS), DVD, Hands Free Module (HFM), RADIO, Antenna (ANT), Universal Garage Door Opener (UGDO), Vanity Lamp (VANITY LP)
M11	—	10	(Ignition Off Draw) IODHVAC/ATC, MW SENSR, Underhood Lamp (UH LMP)
M12	—	30	Amplifier (AMP)
M13	—	20	Ignition Off Draw — Cabin Compartment Node (IOD-CCN), Wireless Control Module (WCM), SIREN, Clock Module (CLK MOD), Multi-Function Control Switch (MULTIFCTN SW)
M14	—	20	Trailer Tow (Export Only)
M15	—	20	COL MOD, IR SNS, Heater Ventilation, Air Conditioning/Automatic Temperature Control (HVAC/ATC), Rear View Mirror (RR VW MIR), Cabin Compartment Node (CCN), Transfer Case Switch (T-CASE SW), RUN/ST, MultiFunction Control Switch (MULTIFTCN SW), Tire Pressure Monitor (TPM), Glow Plug Module (GLW PLG MOD) — Export Diesel Only
M16	—	10	Occupant Restraint Controller/Occupant Classification Module (ORC/OCM)
M17	—	15	Left Tail/License/Park Lamp (LT-TAIL/LIC/PRK LMP)

M18	—	15	Right Tail/Park/Run Lamp (RT-TAIL/PRK/RUN LMP
M19	—	25	Auto Shut Down (ASD #1 and #2)
M20	—	15	Cabin Compartment Node Interior Light (CCN INT LIGHT), Switch Bank (SW BANK), Steering Control Module (SCM)
M21	—	20	Auto Shut Down (ASD #3
M22	—	10	Right Horn (RT HORN (HI/LOW
M23	—	10	Left Horn (LT HORN (HI/LOW)
M24	—	25	Rear Wiper (REAR WIPER)
M25	—	20	Fuel Pump (FUEL PUMP), Diesel Lift Pump (DSL LIFT PUMP) — Export Only
M26	—	10	Power Mirror Switch (PWR MIRR SW), Driver Window Switch (DRVR WIND SW
M27	—	10	Ignition Switch (IGN SW), Window Module (WIN MOD)
M28	—	10	Next Generation Controller (NGC), Transmission Feed (TRANS FEED), J1962
M29	—	10	Occupant Classification Module (OCM)
M30	—	15	Rear Wiper Module (RR WIPER MOD), Power Folding Mirror (PWR FOLD MIR)
M31	—	20	Back-Up Lamps (B/U LAMPS)
M32	—	10	Occupant Restraint Controller (ORC), TT EUROPE

M33	—	10	Next Generation Controller (NGC), Global Powertrain Engine Controller (GPEC)
M34	—	10	Park Assist (PRK ASST), Heater Ventilation, Air Conditioning Module (HVAC MOD), Headlamp Wash (HDLP WASH), Compass (COMPAS)
M35	—	10	Heated Mirrors
M36	—	20	Power Outlet #3 (BATT)
M37	—	10	Anti-Lock Brake System (ABS), Electronic Stability Program (ESP), Stop Lamp Switch (STP LP SW), Fuel Pump Rly Hi Control
M38	—	25	Lock/Unlock Motors (LOCK/UNLOCK MTRS)