

DirectWire

2025 Dodge/Ram ProMaster (Smart Key) - North America - Requested by ampire.de

Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	Red/Black (70A)	+	BCM-Dash Fuse Box, gray 2 pin plug (C1), pin A
Starter Kill	Red	+	BCM-Dash Fuse Box, black 20 pin plug (C3), pin 1
Starter	White/Violet	+	PCM behind driver headlight, black 96 pin plug, pin 76
Ignition	Dk. Blue	+	BCM-Dash Fuse Box, rear, brown 60 pin plug (C8), pin 12
PTS 1	Blue	+	Keyless Ignition Node (Start Stop Button), black 6 pin plug, pin 4
CAN Bus High	Green (CAN C)	Data	BCM-Dash Fuse Box, green 60 pin plug (C6), pin 58
CAN Bus Low	Brown (CAN C)	Data	BCM-Dash Fuse Box, green 60 pin plug (C6), pin 57
CAN Bus High 2	Dk. Blue (CAN IHS)	Data	BCM-Dash Fuse Box, green 60 pin plug (C6), pin 43
CAN Bus Low 2	White (CAN IHS)	Data	BCM-Dash Fuse Box, green 60 pin plug (C6), pin 42
CAN Bus High 3	Green (DIAG CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 6
CAN Bus Low 3	Brown (DIAG CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 14
OBD 12 Volts	Red/Green (15A)	+	OBD-Data Link Connector, black 16 pin plug, pin 16
OBD Ground	Black	-	OBD-Data Link Connector, black 16 pin plug, pin 4

Item	Wire Color	Polarity	Wire Location
IMMO Data	Yellow/Blue	Data	Keyless Ignition Node (Start Stop Button), black 6 pin plug, pin 5
Power Lock	Dk. Blue/Yellow (key switch)	-	BCM-Dash Fuse Box, green 60 pin plug (C6), pin 9
Power Lock2	Gray/Brown (dash switch)	-	Door Lock Switch, black 24 pin plug, pin 4 --or-- BCM-Dash Fuse Box, rear, brown 60 pin plug (C8), pin 14
Lock Motor	White/Black (front doors)	Reverse	BCM-Dash Fuse Box, black 32 pin plug (C5), pin 1
Passenger Unlock Motor	Orange/Green (all doors)	Reverse	BCM-Dash Fuse Box, black 32 pin plug (C5), pin 3
Parking Lights	Yellow/Green (LF); Yellow/Gray (RF)	+	BCM-Dash Fuse Box, black 60 pin plug (C4), pin 42 (LF); pin 55 (RF)
Parking Lights 2	Yellow/Dk. Green (LR); Yellow/Dk. Blue (RR)	+	BCM-Dash Fuse Box, green 60 pin plug (C6), pin 33 (LR); pin 16 (RR)
Parking Lights -	Yellow/Black	-	Headlight Switch, black 12 pin plug, pin 3
Parking Lights NEG 2	Yellow/Black (alternate location)	-	BCM-Dash Fuse Box, rear, brown 60 pin plug (C8), pin 42
Hazards	Violet/Orange	-	Hazard Switch, black 24 pin plug, pin 16
Hazards 2	Violet/Orange (alternate location)	-	BCM-Dash Fuse Box, rear, brown 60 pin plug (C8), pin 59
Turn Signal (Left)	Dk. Blue/White or Green/Yellow (LF); Dk. Blue/White (LR)	+	BCM-Dash Fuse Box, black 60 pin plug (C4), pin 44 (LF); green 60 pin plug (C6), pin 50 or 48 (LR)
Turn Signal (Right)	Dk. Blue/Black or Green/Yellow (RF); Dk. Blue/Black (RR)	+	BCM-Dash Fuse Box, black 60 pin plug (C4), pin 58 (RF); green 60 pin plug (C6), pin 34 or 46 (RR)
Headlight	White/Green (HI)	-	Headlight Switch, black 12 pin plug, pin 2
Reverse Light	White/Dk. Green	+	BCM-Dash Fuse Box, green 60 pin plug (C6), pin 17

Item	Wire Color	Polarity	Wire Location
Left Front Door Trigger	White/Violet	-	BCM-Dash Fuse Box, green 60 pin plug (C6), pin 7
Right Front Door Trigger	White/Black	-	BCM-Dash Fuse Box, green 60 pin plug (C6), pin 8
Left Rear Door Trigger	Black/White	-	BCM-Dash Fuse Box, green 60 pin plug (C6), pin 24
Right Rear Door Trigger	Black/Violet	-	BCM-Dash Fuse Box, green 60 pin plug (C6), pin 20
Dome Light	White/Yellow	+	BCM-Dash Fuse Box, green 60 pin plug (C6), pin 32
Trunk/Hatch Pin	White/Dk. Blue or Black/Violet	-	BCM-Dash Fuse Box, green 60 pin plug (C6), pin 23
Hood Pin	Black/Red	-	BCM-Dash Fuse Box, black 60 pin plug (C4), pin 8
Trunk/Hatch Release	Gray/White (rear doors unlock)	- 1000 Ohms	BCM-Dash Fuse Box, green 60 pin plug (C6), pin 41
Tachometer	Dk. Blue	AC	Camshaft Position Sensor, engine driver side front, black 4 pin plug, pin 4
Fuel Pump	Gray	+	Center Console, plug (I008A), pin 15
Rear Defroster	Yellow/Black	- Latched	BCM-Dash Fuse Box, black 60 pin plug (C4), pin 49
Left Front Heated Seat	Yellow	+	Driver Seat Heater Switch, black 4 pin plug, pin 2
Right Front Heated Seat	Yellow	+	Passenger Seat Heater Switch, black 4 pin plug, pin 2
Speed Sense	Brown/Green (with upfitter accessories)	AC	BCM-Dash Fuse Box, green 60 pin plug (C6), pin 4
Brake Wire	Green/White	+	Brake Switch, white 4 pin plug, pin 1
Brake Wire 2	Green/White (alternate location)	+	BCM-Dash Fuse Box, black 60 pin plug (C4), pin 21

Item	Wire Color	Polarity	Wire Location
Horn Trigger	Brown/Green	-	Horn Switch-Clock Spring, black 10 pin plug, pin 9
Horn Trigger 2	Brown/Green (alternate location)	-	BCM-Dash Fuse Box, rear, brown 60 pin plug (C8), pin 11 or 31
Wipers	White/Dk. Blue (LO); White/Black (HI)	+	BCM-Dash Fuse Box, black 60 pin plug (C4), pin 38 (LO); pin 26 (HI)
Left Front Window (Up/Down)	Red/Black - Black/Red	A	BCM-Dash Fuse Box, black 32 pin plug (C5), pins 30 - 16
Right Front Window (Up/Down)	Red - Black/Violet	A	BCM-Dash Fuse Box, black 32 pin plug (C5), pins 32 - 31
Radio 12V	Red/Yellow	+	Radio, gray 16 pin plug, pin A4 (base); green 12 pin plug, pin 10 (premium)
Radio Ground	Black	-	Radio, gray 16 pin plug, pin A8 (base); green 12 pin plug, pin 11 (premium)
Radio Ignition	Dk. Blue/Green (base); Gray/Red (premium)	+	Radio, gray 16 pin plug, pin A7 (base); Power Outlet, gray 3 pin plug, pin 1 (premium)
Radio Illumination	Yellow/Gray	Dimmer	Radio, gray 16 pin plug, pin A6 (base); Power Outlet, gray 3 pin plug, pin 2 (premium)
Left Front Speaker (+/-)	Yellow - Yellow/Black	+,-	Radio, gray 16 pin plug, pins B5 - B6 (base); green 12 pin plug, pins 6 - 5 (premium)
Right Front Speaker (+/-)	Violet/Orange - Violet/Black	+,-	Radio, gray 16 pin plug, pins B3 - B4 (base); green 12 pin plug, pins 8 - 7 (premium)
Left Rear Speaker (+/-)	Orange - Orange/Black	+,-	Radio, gray 16 pin plug, pins B7 - B8 (base); green 12 pin plug, pins 2 - 1 (premium)
Right Rear Speaker (+/-)	Green - Green/Black	+,-	Radio, gray 16 pin plug, pins B1 - B2 (base); green 12 pin plug, pins 4 - 3 (premium)