Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	Red (40A)	+	BCM in driver kick, gray 4 pin plug (B), pin 3
Ground	(chassis ground)		
Starter	Lt. Blue/Tan (for starter kill only)	+	BCM in driver kick, 24 pin plug (A), pin 19
Ignition	Pink/White (for ignition sense only)	+	BCM in driver kick, 24 pin plug (G), pin 10
Accessory	Brown/Orange (for accessory sense only)	+	BCM in driver kick, 48 pin plug (E), pin 36
PTS 1	Violet/Lt. Blue	+	Keyless Ignition Node (Start-Stop Button), black 6 pin plug, pin 4
CAN Bus High	White/Dk. Green (CAN C Diagnostic)	Data	OBD-Data Link Connector, black 16 pin plug, pin 6
CAN Bus Low	White/Dk. Blue (CAN C Diagnostic)	Data	OBD-Data Link Connector, black 16 pin plug, pin 14
CAN Bus High 2	White/Gray (CAN IHS)	Data	OBD-Data Link Connector, black 16 pin plug, pin 3
CAN Bus Low 2	White/Orange (CAN IHS)	Data	OBD-Data Link Connector, black 16 pin plug, pin 11
IMMO Data	White/Lt. Green (Security K Line)	Data	Keyless Ignition Node (Start-Stop Button), black 6 pin plug, pin 5
Power Lock	Violet/Dk. Green	- 1500 Ohms	Driver Door Module, black 10 pin plug, pin 4
Power Unlock	(same as power lock)	- 249 Ohms	
Lock Motor	Lt. Green/Dk. Green	Reverse	BCM in driver kick, 48 pin plug (F), pin 2
Driver Unlock Motor	Tan/Lt. Green	Reverse	BCM in driver kick, 48 pin plug (F), pin 1
Passenger Unlock Motor	Tan/Brown	Reverse	BCM in driver kick, 48 pin plug (F), pin 3
Factory Alarm Arm	(arms on lock with door open)		
Factory Alarm Disarm	(proximity key and push button)		
Parking Lights	White/Violet (LF); White/Lt. Blue (RF); White/Gray (LR); White/Orange (RR)	+	BCM in driver kick, 24 pin plug (A), pin 4; 24 pin plug (D), pin 3; 48 pin plug (F), pin 32; 48 pin plug (E), pin 4
Parking Lights MUX	White/Brown (need to relay isolate from switch)	- 1130 Ohms	BCM in driver kick, 24 pin plug (G), pin 20
Hazards	White/Dk. Blue	-	BCM in driver kick, 24 pin plug (G), pin 21
Turn Signal (Left)	White/Lt. Green (F); White/Dk. Green (R)	+	BCM in driver kick, 24 pin plug (D), pin 14; 48 pin plug (E), pin 3
Turn Signal (Right)	White/Tan (F); White/Yellow (R)	+	BCM in driver kick, 24 pin plug (A), pin 13; 48 pin plug (F), pin 42
Headlight	White/Brown (need to relay isolate from switch)	- 660 Ohms	BCM in driver kick, 24 pin plug (G), pin 20
AutoLights	White/Brown (need to relay isolate from switch)	- 2000 Ohms (Off)	BCM in driver kick, 24 pin plug (G), pin 20
Reverse Light	White/Tan	+	BCM in driver kick, 48 pin plug (F), pin 41
Left Front Door Trigger	Violet	-	BCM in driver kick, 24 pin plug (G), pin 18
Right Front Door Trigger	Violet/White	-	BCM in driver kick, 48 pin plug (E), pin 5
Dome Light	Yellow/Violet	+	BCM in driver kick, 24 pin plug (G), pin 14
Trunk/Hatch Pin	Violet/Orange	-	BCM in driver kick, 48 pin plug (F), pin 26
Hood Pin	Violet/Lt. Blue	-	BCM in driver kick, 24 pin plug (A), pin 11
Trunk/Hatch Release	Lt. Green/White (rear handle switch)	-	RF Hub on center of rear panel, black 20 pin plug, pin 10
Trunk Release Motor	Tan/Dk. Green	Reverse	BCM in driver kick, 48 pin plug (E), pin 41
Fuel Door Release	Violet/Gray	-	BCM in driver kick, 24 pin plug (G), pin 8
Tachometer	NOT Brown/White or Brown/Yellow	ac	Any Fuel Injector, black 2 pin plug, pin 1
Clutch Pedal	Yellow/Orange	-	Clutch Switch, black 3 pin plug, pin 2
Fuel Pump	Red	+	Driver Fender, black 24 pin plug, pin A4
Rear Defroster	Dk. Blue	+ Latched	A/C Heater Module under driver dash, black 24 pin plug, pin 18
Speed Sense	(wheel speed sensor)		
Brake Wire	Lt. Blue/Lt. Green	+	BCM in driver kick, 24 pin plug (D), pin 18
Parking Brake	Dk. Green/White	-	BCM in driver kick, 48 pin plug (E), pin 11
Horn Trigger	Dk. Green/White	+	BCM in driver kick, 24 pin plug (A), pin 23

DirectWire
2015 Dodge/Ram Viper (Smart Key) - North America

Item	Wire Color	Polarity	Wire Location
Wipers	Brown/Yellow	+	BCM in driver kick, 24 pin plug (A), pin 12
Left Front Window (Up/Down)	(motor is part of module)		
Right Front Window (Up/Down)	(motor is part of module)		
Radio 12V	Red	+	Radio, 52 pin plug, pin 44
Radio Ground	Black	-	Radio, 52 pin plug, pin 43
Radio Ignition	(CAN IHS)		
Factory Amp Turn-on	(CAN IHS)		
Left Front Speaker (+/-)	Gray/Violet - Gray/Yellow (LO); Gray/Orange - Gray/Yellow (MD-HI)	+,-	Amplifier in right rear quarter panel, white 22 pin plug, pins 22 - 21; 6 - 7
Right Front Speaker (+/-)	Green/Violet - Green/Yellow (LO); Gray/Green - Gray/Lt. Green (MD-HI)	+,-	Amplifier in right rear quarter panel, white 22 pin plug, pins 10 - 11; 9 - 8
Left Rear Speaker (+/-)	Green/Tan - Green/Gray	+,-	Amplifier in right rear quarter panel, gray 22 pin plug, pins 22 - 21
Right Rear Speaker (+/-)	Green/Brown - Yellow/Gray	+,-	Amplifier in right rear quarter panel, white 22 pin plug, pins 5 - 4
Center Channel (+/-)	Gray/Brown - Gray/Orange	+,-	Amplifier in right rear quarter panel, white 22 pin plug, pins 19 - 20
Subwoofer (+/-)	Gray/Brown - Green/Brown (1); Gray/White - Green/White (2)	+,-	Amplifier in right rear quarter panel, white 22 pin plug, pins 18 - 17; gray 22 pin plug, pins 10 - 11
Aux. Audio Input Left (+/-)	Lt. Green/Tan - Lt. Green/Blue	+,-	Radio, 52 pin plug, pins 16 - 7
Aux. Audio Input Right (+/-)	Lt. Green/Lt. Blue - Lt. Green/Blue	+,-	Radio, 52 pin plug, pins 6 - 7
Rearview Camera Video	Green/Brown - Green/Orange	+,-	Radio, 52 pin plug, pins 31 - 32
Satellite Radio 12 Volts	(built into radio)		

What Fits

Item	Size	Depth	Location
Headunit	irregular		center of dash
Left Front Speaker	6.5		left front door
Left Front Tweeter	1 (tweeter); 3 (midrange)		left front dash; left front door
Right Front Speaker	6.5		right front door
Right Front Tweeter	1 (tweeter); 3 (midrange)		right front dash; right front door
Left Rear Speaker	3		left rear side panel
Left Rear Tweeter	(coaxial)		
Right Rear Speaker	3		right rear side panel
Right Rear Tweeter	(coaxial)		
Center Channel	3		top center of dash
Subwoofer	6 x 9		rear panel

Additional Wiring Notes

Item	Note
Subwoofer (+/-)	The subwoofers (3) and (4) wires are gray/orange - green/orange; gray/purple - green/purple at the amplifier, white 22 pin plug, pins 14 - 13; 2 - 3.