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	data link connector, black 16 pin plug, pin 6
CAN Bus Low	white/dk. blue (CAN C Diagnostic)	data	data link connector, black 16 pin plug, pin 14
CAN Bus High 2	white/gray (CAN IHS)	data	data link connector, black 16 pin plug, pin 3
CAN Bus Low 2	white/orange (CAN IHS)	data	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	5 wire	BCM in driver kick, 48 pin plug (F), pin 2
Driver Unlock Motor	tan/lt. green	5 wire	BCM in driver kick, 48 pin plug (F), pin 1
Passenger Unlock Motor	tan/brown	5 wire	BCM in driver kick, 48 pin plug (F), pin 3
Factory Alarm Arm	(arms on lock with door open)		
Factory Alarm Disarm	(see disarm no unlock)		
Disarm No Unlock	(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	5 wire	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

DirectWire
2013 SRT Viper (Smart Key) - North America

Item	Wire Color	Polarity	Wire Location
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
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)		
Radio Illumination	(CAN IHS)		
Factory Amp Turn-on	(CAN IHS)		
Left Front Speaker (+/-)	gray/violet - gray/yellow (spk); gray/orange - gray/yellow (twt)	+,-	amplifier in RR quarter panel, white 22 pin plug, pins 22 - 21; 6 - 7
Right Front Speaker (+/-)	green/violet - green/yellow (spk); gray/green - gray/lt. green (twt)	+,-	amplifier in RR quarter panel, white 22 pin plug, pins 10 - 11; 9 - 8
Left Rear Speaker (+/-)	green/tan - green/gray	+,-	amplifier in RR quarter panel, gray 22 pin plug, pins 22 - 21
Right Rear Speaker (+/-)	green/brown - yellow/gray	+,-	amplifier in RR quarter panel, white 22 pin plug, pins 5 - 4
Center Channel (+/-)	gray/brown - gray/orange	+,-	amplifier in RR quarter panel, white 22 pin plug, pins 19 - 20
Subwoofer (+/-)	gry/brn - grn/brn (1); gry/wht - grn/wht (2); gry/org - grn/org (3); gry/vio - grn/vio (4)	+,-	amplifier in RR quarter panel, white 22 pin plug, pins 18 - 17; gray 22 pin plug, pins 10 - 11; white 22 pin plug, pins 14 - 13; 2 - 3
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

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