



Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	Red/Blue (35A)	+	VESCM under driver dash, right black-white 73 pin plug, pin 1
Second 12 Volts	Red/Yellow (30A)	+	Comfort System Module under driver seat, brown 17 pin plug, pin 16
Ground	(chassis ground)		
Starter Kill	Red/Black	+	Starter Motor Relay A, pin 5
Starter	Red/Black	+	Comfort System Module under driver seat, black-white 32 pin plug, pin 10
Ignition	Black	+	VESCM under driver dash, middle black 73 pin plug, pin 19
PTS 1	Black/Gray	-	Ignition-Light Button Module, 8 pin plug, pin 7
PTS 2	Black/Blue	-	Ignition-Light Button Module, 8 pin plug, pin 5
PTS 3	Black/Violet	-	Ignition-Light Button Module, 8 pin plug, pin 4
PTS 4	Gray (PTS 1 alternate)	-	Comfort System Module under driver seat, blue- white 32 pin plug, pin 25
PTS 5	Blue (PTS 2 alternate)	-	Comfort System Module under driver seat, blue- white 32 pin plug, pin 26
PTS 6	Black (PTS 3 alternate)	-	Comfort System Module under driver seat, blue- white 32 pin plug, pin 10
CAN Bus High	Red (DIAG CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 6
CAN Bus Low	Orange/Brown (DIAG CAN)	Data	OBD-Data Link Connector, black 16 pin plug, pin 14
CAN Bus High 2	Orange/Green	Data	Driver Kick, door harness or VESCM under driver dash, right black- white 73 pin plug, pin 13
CAN Bus Low 2	Orange/Brown	Data	Driver Kick, door harness or VESCM under driver dash, right black- white 73 pin plug, pin 14
CAN Bus High 3	Orange/Green	Data	Comfort System Module under driver seat, blue- white 32 pin plug, pin 2





Item	Wire Color	Polarity	Wire Location
CAN Bus Low 3	Orange/Brown	Data	Comfort System Module under driver seat, blue- white 32 pin plug, pin 1
OBD 12 Volts	Red/Violet (10A)	+	OBD-Data Link Connector, black 16 pin plug, pin 16
OBD Ground	Brown	-	OBD-Data Link Connector, black 16 pin plug, pin 4
OBD Ignition	Black/Red	+	OBD-Data Link Connector, black 16 pin plug, pin 1
OBD Connector	Violet-Black		Under Driver Dash, Above Driver Kick
IMMO Antenna	Green	RF	Immobilizer Antenna in center console, black 2 pin plug, pin 2
IMMO Antenna 2	Green (alternate location)	RF	Comfort System Module under driver seat, black 20 pin plug, pin 1
Power Lock	Yellow/Green	- Resistor	Driver Door Module, blue 32 pin plug, pin 28
Power Unlock	(same as power lock)	-	
Lock Motor	Violet/Green	Reverse	Driver Door Module, white 20 pin plug, pin 13
Driver Unlock Motor	Green/Yellow	Reverse	Driver Door Module, white 20 pin plug, pin 11
Passenger Unlock Motor	Green/Yellow	Reverse	Passenger Door Module, white 20 pin plug, pin 11
Factory Alarm Arm	Blue/Yellow (key lock)	- Resistor	Driver Door Module, white 20 pin plug, pin 1
Factory Alarm Disarm	(same as factory alarm arm)	-	
Parking Lights	Gray/Yellow (LF); Gray/Yellow (RF)	+	LF Turn Signal-Side Marker Light, 3 pin plug, pin 3 (LF); RF Turn Signal-Side Marker Light, 3 pin plug, pin 3 (RF)
Parking Lights 2	Gray/Black (LR); Gray/Red (RR)	+	Comfort System Module under driver seat, brown 17 pin plug, pin 4 (LR); black 17 pin plug, pin 7 (RR)
Parking Lights -	(LIN)		
Turn Signal (Left)	Black/White (LF); Black/White (LR)	+	LF Turn Signal-Side Marker Light, 3 pin plug, pin 1 (LF); Comfort System Module under driver seat, brown 17 pin plug, pin 2 (LR)





Item	Wire Color	Polarity	Wire Location
Turn Signal (Right)	Black/Gray (RF); Black/Green (RR)	+	RF Turn Signal-Side Marker Light, 3 pin plug, pin 1 (RF); Comfort System Module under driver seat, black 17 pin plug, pin 1 (RR)
Headlight	White/Black (L); White (R)	+	VESCM under driver dash, middle black 73 pin plug, pin 64 (L); right black-white 73 pin plug, pin 64 (R)
AutoLights	(LIN)		
Left Front Door Trigger	Red/Blue	-	Driver Door Module, white 20 pin plug, pin 5
Right Front Door Trigger	Red/Blue	-	Passenger Door Module, white 20 pin plug, pin 5
Dome Light	(LIN)		
Trunk/Hatch Pin	Yellow/Red	-	Comfort System Module under driver seat, blue- white 32 pin plug, pin 28
Hood Pin	Red/Violet	-	VESCM under driver dash, middle black 73 pin plug, pin 30
Trunk/Hatch Release	Yellow (front)	-	Comfort System Module under driver seat, black- white 32 pin plug, pin 11
Trunk-Hatch Release2	Violet/Black (rear)	-	Driver Door Module, blue 32 pin plug, pin 23
Trunk Release Motor	Yellow/Green (front)	Reverse	Comfort System Module under driver seat, brown 17 pin plug, pin 9
Trunk Release Motor 2	Violet/Blue (rear)	Reverse	Comfort System Module under driver seat, black 20 pin plug, pin 11
Fuel Door Release	Yellow/White - Brown/Yellow (lock-unlock motor)	Reverse	Comfort System Module under driver seat, black- white 32 pin plug, pins 31 - 30
Tachometer	Red (CMP 3.0L)	AC	ECM, 56 pin plug (B), pin
Fuel Pump	Red/Green	+	Rear Fuse Box, Fuse Holder S, Fuse 16 (30A)
Rear Defroster	Green/Violet	+ Latched	Comfort System Module under driver seat, black- white 32 pin plug, pin 32
Mirror Defroster	(CAN)		
Left Front Heated Seat	(CAN)		





Item	Wire Color	Polarity	Wire Location
Right Front Heated Seat	(CAN)		
Brake Wire	Gray	+	Comfort System Module under driver seat, black- white 32 pin plug, pin 12
Parking Brake	Blue/Gray (EPB indicator)	-	Electric Parking Brake Button, 8 pin plug, pin 8
Horn Trigger	Black/Green or Black/Yellow	Reverse	VESCM under driver dash, right black-white 73 pin plug, pin 5
Horn - Factory Alarm	Black/Yellow	+	Comfort System Module under driver seat, brown 17 pin plug, pin 8
Wipers	(LIN)		
All Windows Up- Down	(use factory alarm arm-disarm)		
Memory Seat 1	Blue/Green	MUX	Driver Door Module, blue 32 pin plug, pin 19
Memory Seat 2	(same as memory seat 1)		
Radio 12V	Red/White	+	Radio, black 8 pin plug, pin 8
Radio Ground	Brown	-	Radio, black 8 pin plug, pin 7
Factory Amp Turn-on	(MOST)		
Left Front Speaker (+/-)	Red/Green - White/Green	+,-	Radio, brown 8 pin plug, pins 3 - 7
Right Front Speaker (+/-)	Red - Brown/Red	+,-	Radio, brown 8 pin plug, pins 2 - 6
Left Rear Speaker (+/-)	Red/Green - White/Green	+,-	Radio, brown 8 pin plug, pins 4 - 8
Right Rear Speaker (+/-)	Green - Brown/Violet	+,-	Radio, brown 8 pin plug, pins 1 - 5
Subwoofer (+/-)	Red/Blue - White/Blue (LF bass); Red/Blue - Brown/Blue (RF bass)	+,-	Radio, black 8 pin plug, pins 2 - 6 (LF bass); pins 1 - 5 (RF bass)
Left Front Speaker - With Amp	Red/Blue - White/Blue (low); Red/Green - White/Green (mid)	+,-	Amplifier, black 38 pin plug, pins 12 - 11 (low); pins 21 - 9 (mid) (Bose)
Right Front Speaker - With Amp	Red/Blue - Brown/Blue (low); Red/Green - Brown/Green (mid)	+,-	Amplifier, black 38 pin plug, pins 14 - 13 (low); pins 22 - 10 (mid) (Bose)
Left Front Tweeter - With Amp	Red/Green - White/Green	+,-	Amplifier, black 38 pin plug, pins 36 - 35 (Bose)
Right Front Tweeter - With Amp	Red - Brown/Red	+,-	Amplifier, black 38 pin plug, pins 33 - 34 (Bose)
Left Rear Speaker - With Amp	Green - Green/Black	+,-	Amplifier, black 38 pin plug, pins 19 - 7 (Bose)





Item	Wire Color	Polarity	Wire Location
Right Rear Speaker - With Amp	Black/Red - Brown/Red	+,-	Amplifier, black 38 pin plug, pins 20 - 8 (Bose)
Left Rear Tweeter - With Amp	Black/Red - White/Red	+,-	Amplifier, black 38 pin plug, pins 37 - 38 (Bose)
Right Rear Tweeter - With Amp	Black/Red - Brown/Red	+,-	Amplifier, black 38 pin plug, pins 26 - 27 (Bose)
Center Channel - With Amp	Red/Yellow - Brown/Yellow	+,-	Amplifier, black 38 pin plug, pins 31 - 32 (Bose)
Subwoofer - With Amp	White/Red - White/Brown	+,-	Amplifier, black 38 pin plug, pins 16 - 4 (Bose)
Rearview Camera Video	Black - Black (w/o top view)	+,-	Radio, blue 12 pin plug, pins 6 - 12





What Fits

item Size Depth Location	Item	Size	Depth	Location
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