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#522475: 2012 CHEVROLET SUBURBAN 4DR SUV WITH 5.3L ENGINE AND BOSE® AUDIO SYSTEM

### Audio/Mobile Video

WIRE	COLOR	POLARITY	LOCATION
Battery	RED/WHITE	(+)	RADIO HARNESS
Ground	BLACK	(-)	RADIO HARNESS
Power Antenna	WHITE	(+)	RADIO HARNESS
Amp Location	UNDER REAR OF CENTER CONSOLE		
Steering Cntrls	YES		
Speed Cntrl	YES		
Radio Security	YES - CODED BY VIN TO THE VEHICLE		

### Security

WIRE	COLOR	POLARITY	LOCATION
Battery	RED/BLACK	(+)	VEHICLE INTERIOR FUSE BOX
Ignition 1	PINK	(+)	IGNITION SWITCH HARNESS
Starter 1	YELLOW/BLACK	(+)	AT MODULE UNDER HOOD BEHIND DRIVER HEADLIGHT
	NOT FOR REMOTE START, FOR REMOTE START INFORMATION		
All Door Trigger	GRAY/BLACK	(+)	AT BCM MODULE UNDER DRIVER SIDE DASH
	MAY BE GRAY ON SOME MODELS, TO AVOID DOMELIGHT DELAY USE INDIVIDUAL DOOR TRIGGERS AND DIODE ISOLATE EACH WIRE		
Domelight Super	GRAY	(+)	AT BCM MODULE UNDER DRIVER DASH
LF Latch	GRAY/BLACK	(-)	AT MODULE IN DRIVER DOOR
	MAY BE BROWN ON SOME MODELS		
RF Latch	TAN/WHITE	(-)	AT MODULE IN PASSENGER DOOR
	MAY BE BLACK/WHITE ON SOME MODELS		
LR Latch	LIGHT BLUE/BLACK	(-)	AT BCM MODULE UNDER DRIVER DASH
	PINK PLUG PIN #15		
RR Latch	LIGHT GREEN/BLACK	(-)	AT BCM MODULE UNDER DRIVER DASH
	PINK PLUG PIN #14		
Hood Trigger	PINK/BLACK	(-)	AT BCM MODULE UNDER DRIVER DASH
	BLACK PLUG PIN #17, NOT ON ALL MODELS		
Alarm Disarm	LIGHT GREEN	(-)	AT MODULE IN DRIVERS DOOR
Parking Lights	LIGHT BLUE	(-)	AT BCM MODULE UNDER DRIVER DASH
Data Bus	DARK GREEN	(-)	AT OBD 2 PLUG

### Convenience

WIRE	COLOR	POLARITY	LOCATION
Headlights-Lo	WHITE	(-)	AT BCM MODULE UNDER DRIVER DASH
	MAY BE PINK/WHITE		
Headlights-Hi	TAN/WHITE	(-)	AT BCM MODULE UNDER DRIVER DASH
LF Pk Lt Bulb	BROWN	(+)	AT FRONT LEFT PARKING LIGHT
RF Pk Lt Bulb	BROWN	(+)	AT FRONT RIGHT PARKING LIGHT

LR Pk Lt Bulb	BROWN	(+)	AT REAR LEFT PARKING LIGHT
RR Pk Lt Bulb	BROWN	(+)	AT REAR RIGHT PARKING LIGHT
All Hazrd Lights	WHITE	(-)	AT VEHICLE HAZARD SWITCH
LF Hazrd Bulb	LIGHT BLUE/WHITE	(+)	AT FRONT LEFT TURN SIGNAL LAMP
RF Hazrd Bulb	DARK BLUE/WHITE	(+)	AT FRONT RIGHT TURN SIGNAL LAMP
LR Hazrd Bulb	YELLOW	(+)	AT REAR LEFT TURN SIGNAL LAMP
RR Hazrd Bulb	YELLOW	(+)	AT REAR RIGHT TURN SIGNAL LAMP
Wipers-Lo	GRAY	(+)	AT BCM MODULE UNDER DRIVER DASH
Wipers-Hi	TAN	(-)	AT BCM MODULE UNDER DRIVER DASH
Parking Brake	LIGHT BLUE	(-)	AT VEHICLE PARKING BRAKE SWITCH
Trnk Release	PINK OR GRAY	(-)	AT BCM MODULE UNDER DRIVER DASH
	PINK IS GLASS RELEASE, GRAY IS HATCH RELEASE		
Seat Mem 1	ORANGE	(+)	AT DRIVER DOOR MODULE IN DRIVER DOOR
	MUST USE (+) THROUGH A 2.2K OHM RESISTOR		
Seat Mem 2	ORANGE	(+)	AT DRIVER DOOR MODULE IN DRIVER DOOR
	MUST USE (+) THROUGH 4.2K OHM RESISTOR, SAME WIRE AS DRIVER SEAT MEMORY 1		

### Remote Start

WIRE	COLOR	POLARITY	LOCATION
Battery	RED/BLACK	(+)	VEHICLE INTERIOR FUSE BOX
Ignition 1	PINK	(+)	IGNITION SWITCH HARNESS
Ignition 2	WHITE	(+)	IGNITION SWITCH HARNESS
Accessory 1	BROWN OR YELLOW	(+)	IGNITION SWITCH HARNESS
Starter 1	YELLOW/BLACK	(+)	AT MODULE UNDER HOOD BEHIND DRIVER HEADLIGHT
	NOT FOR REMOTE START, FOR REMOTE START INFORMATION		
Starter 2	WHITE	(+)	IGNITION SWITCH HARNESS
	USE A 1.3K OHM RESISTOR FOR START, FOR REMOTE START INTEGRATION		
Anti-Theft Type	GM PASSKEY III® ANTI-THEFT SYSTEM		
Anti-Theft Descript	THE KEY SENDS AN RF SIGNAL TO THE BCM MODULE THROUGH AN ANTENNA LOCATED AROUND THE IGNITION CYLINDER		
Key Sense	PINK/BLACK OR PINK	(+)	IGNITION SWITCH HARNESS
Tachometer	WHITE	(-)	AT IGNITION COIL
Crankshaft Sensor	WHITE/BLACK	(AC)	AT ECM MODULE BEHIND DRIVERS SIDE HEADLIGHT UNDER HOOD
	PLUG C2 - PIN #68		
Camshaft Sensor	DARK BLUE/WHITE	(AC)	AT ECM MODULE BEHIND DRIVERS SIDE HEADLIGHT UNDER HOOD
	PLUG C2 - PIN #64		
Speed Sense	YELLOW/BLACK	(AC)	AT ECM MODULE UNDER HOOD ON DRIVER FENDER
	BLACK PLUG PIN #57		
Parking Lights	LIGHT BLUE	(-)	AT BCM MODULE UNDER DRIVER DASH
Brake Lights	LIGHT BLUE/WHITE	(+)	AT SWITCH ABOVE BRAKE PEDAL
Reverse Lights	DARK BLUE	(+)	AT BCM MODULE UNDER DRIVER DASH
Horn	TAN	(-)	AT BCM MODULE UNDER DRIVER DASH

### Modules

WIRE	LOCATION
Module 1	BCM MODULE - UNDER DRIVER SIDE OF DASH TO LEFT OF STEERING COLUMN
Module 2	ECM MODULE - UNDER LEFT SIDE OF ENGINE COMPARTMENT NEAR FAN SHROUD

**Doorlocks/Windows**

<b>WIRE</b>	<b>COLOR</b>	<b>POLARITY</b>	<b>LOCATION</b>
Databus Wire	DARK GREEN	(-)	AT OBD 2 PLUG
Power Unlock	WHITE	(-)	AT BCM MODULE UNDER DRIVER DASH THIS WIRE WILL UNLOCK THE REAR DOORS AND THE HATCH, MUST USE REVERSE POLARITY IN EACH FRONT DOOR FOR UNLOCK WITH OUT INTERFACE MODULE
PowerLock	LIGHT BLUE	(+)	AT BCM MODULE UNDER DRIVER DASH THIS WIRE WILL LOCK THE REAR DOORS AND THE HATCH, MUST USE REVERSE POLARITY IN EACH FRONT DOOR FOR LOCK WITH OUT INTERFACE MODULE
Driver Mtr Unlock	TAN	(REV)	AT MOTOR IN DOOR
Driver Mtr Lock	VIOLET	(REV)	AT MOTOR IN DOOR
Pas Mtr Unlock	TAN	(REV)	AT MOTOR IN DOOR
Pas Mtr Lock	GRAY/BLACK	(REV)	AT MOTOR IN DOOR
LF Window Up	BLUE	(AC)	AT DRIVER WINDOW SWITCH IN DRIVER DOOR
LF Window Dn	BROWN	(AC)	AT DRIVER WINDOW SWITCH IN DRIVER DOOR
RF Window Up	BLUE	(AC)	AT PASSENGER WINDOW SWITCH IN PASSENGER DOOR
RF Window Dn	BROWN	(AC)	AT PASSENGER WINDOW SWITCH IN PASSENGER DOOR
LR Window Up	BLUE	(AC)	AT REAR LEFT WINDOW SWITCH IN REAR LEFT DOOR
LR Window Dn	BROWN	(AC)	AT REAR LEFT WINDOW SWITCH IN REAR LEFT DOOR
RR Window Up	BLUE	(AC)	AT REAR RIGHT WINDOW SWITCH IN REAR RIGHT DOOR
RR Window Dn	BROWN	(AC)	AT REAR RIGHT WINDOW SWITCH IN REAR RIGHT DOOR
Sunroof Open	BROWN	(-)	AT SUNROOF CONTROL SWITCH
Sunroof Close	ORANGE	(-)	AT SUNROOF CONTROL SWITCH

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