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#522583: 2012 GMC SIERRA 2500HD EXTENDED CAB TRUCK WITH 6.0L ENGINE AND STANDARD AUDIO SYSTEM

**Audio/Mobile Video**

WIRE	COLOR	POLARITY	LOCATION
Battery	RED/WHITE	(+)	RADIO HARNESS
Accessory	DARK GREEN	(DATA)	RADIO HARNESS
THE RADIO HARNESS DOES NOT PROVIDE A SWITCHED POWER SOURCE.			
Ground	BLACK	(-)	RADIO HARNESS
Dimmer	YELLOW	(+)	RADIO HARNESS
LF Speaker (+)	TAN		
LF Speaker (-)	GRAY		
RF Speaker (+)	LIGHT GREEN		
RF Speaker (-)	DARK GREEN		
LR Speaker (+)	BROWN		
LR Speaker (-)	YELLOW		
RR Speaker (+)	DARK BLUE		
RR Speaker (-)	LIGHT BLUE		
Steering Cntrl	YES		
THIS VEHICLE MAY BE EQUIPPED WITH OPTIONAL ONSTAR® TELEMATICS EQUIPMENT. USE AN APPROPRIATE INTEGRATION HARNESS OR INSTALLATION PROCEDURE TO ENSURE PROPER FUNCTION OF THIS EQUIPMENT.			
Speed Cntrl	YES		
Radio Security	YES		

**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 VEHICLE LIGHT SWITCH
Data Bus	DARK GREEN	(-)	AT OBD 2 PLUG

### Convenience

WIRE	COLOR	POLARITY	LOCATION
Headlights-Lo	WHITE	(-)	AT VEHICLE HEADLIGHT SWITCH
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
Wipers-Lo	GRAY	(+)	AT BCM MODULE UNDER DRIVER DASH
Parking Brake	LIGHT BLUE	(-)	AT VEHICLE PARKING BRAKE SWITCH
Seat Mem 1	ORANGE	(+)	AT DRIVER DOOR MODULE
	USE 2.2K OHM RESISTOR FOR DRIVER SEAT MEMORY 1		
Seat Mem 2	ORANGE	(+)	AT DRIVER DOOR MODULE
	SAME WIRE AS DRIVER SEAT MOMORY 1, USE A 4.2K OHM RESISTOR FOR SEAT MEMORY 2		

### 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
Speed Sense	YELLOW/BLACK	(AC)	AT ECM MODULE UNDER HOOD ON DRIVER FENDER
	BLACK PLUG PIN #57		
Parking Lights	LIGHT BLUE	(-)	AT VEHICLE LIGHT SWITCH
Brake Lights	LIGHT BLUE/WHITE	(+)	AT SWITCH ABOVE BRAKE PEDAL
	IGNITION MUST BE ON FOR THIS WIRE TO TEST		
Reverse Lights	DARK BLUE	(+)	AT BCM MODULE UNDER DRIVER DASH
Horn	TAN	(-)	IN HARNESS AT STEERING COLUMN
	ALSO AT BCM MODULE UNDER DRIVER DASH		

### Modules

#### WIRE LOCATION

Please select another category

#### Doorlocks/Windows

<b>WIRE</b>	<b>COLOR</b>	<b>POLARITY</b>	<b>LOCATION</b>
Databus Wire	DARK GREEN	(-)	AT OBD 2 PLUG
Power Unlock	ORANGE/BLACK	(-)	AT BCM MODULE UNDER DRIVERS SIDE OF DASH
*SOME MODELS NOT EQUIPPED WITH THESE WIRES WILL REQUIRE A SERIAL DATA MODULE FROM AN ALARM MANUFACTURER OR A 5-WIRE SET-UP IN EACH DOOR TO INTEGRATE.			
PowerLock	PINK/BLACK	(-)	AT BCM MODULE UNDER DRIVERS SIDE OF DASH
*SOME MODELS NOT EQUIPPED WITH THESE WIRES WILL REQUIRE A SERIAL DATA MODULE FROM AN ALARM MANUFACTURER OR A 5-WIRE SET-UP IN EACH DOOR TO INTEGRATE.			
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	DARK BLUE	(REV)	DRIVER DOOR MODULE IN DRIVER DOOR
LF Window Dn	BROWN	(REV)	DRIVER DOOR MODULE IN DRIVER DOOR
RF Window Up	DARK BLUE	(REV)	PASSENGER DOOR MODULE IN PASSENGER DOOR
RF Window Dn	BROWN	(REV)	PASSENGER DOOR MODULE IN PASSENGER DOOR

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