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#522581: 2012 GMC SIERRA 2500HD 4DR TRUCK WITH 6.6L HD ENGINE AND BOSE® AUDIO SYSTEM

Audio/Mobile Video

WIRE	COLOR	POLARITY	LOCATION
Battery	RED/WHITE	(+)	RADIO HARNESS
Accessory	THE RADIO HARNESS DOES NOT PROVIDE A SWITCHED POWER SOURCE.		
Ground	BLACK	(-)	RADIO HARNESS
Dimmer	YELLOW	(+)	RADIO HARNESS
Amp Turn On	THIS VEHICLE USES THE LAN SERIAL NETWORK FOR AMPLIFIER TURN ON		
LF Speaker (+)	THE AUDIO OUTPUTS FROM THE RADIO ARE A FIXED LEVEL AND CANNOT BE USED WITHOUT THE USE OF THE PROPER INTERFACE		
Amp Location	UNDER REAR OF CENTER CONSOLE		
Steering Cntrls	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

WIRE	COLOR	POLARITY	LOCATION
Databus Wire	DARK GREEN	(-)	AT OBD 2 PLUG
Power Unlock	WHITE	(-)	AT BCM MODULE UNDER DRIVERS SIDE OF DASH

	THIS WIRE UNLOCKS THE REAR DOORS ONLY, WILL REQUIRE A 5-WIRE SET-UP IN EACH FRONT DOOR TO INTEGRATE OR A SERIAL DATA MODULE FROM AN ALARM MANUFACTURER		
PowerLock	LIGHT BLUE	(+)	AT BCM MODULE UNDER DRIVERS SIDE OF DASH
	THIS WIRE LOCKS THE REAR DOORS ONLY, WILL REQUIRE A 5-WIRE SET-UP IN EACH FRONT DOOR TO INTEGRATE OR A SERIAL DATA MODULE FROM AN ALARM MANUFACTURER		
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
LR Window Up	DARK BLUE	(REV)	AT WINDOW SWITCH IN REAR LEFT DOOR
LR Window Dn	BROWN	(REV)	AT WINDOW SWITCH IN REAR LEFT DOOR
RR Window Up	DARK BLUE	(REV)	AT WINDOW SWITCH IN REAR RIGHT DOOR
RR Window Dn	BROWN	(REV)	AT WINDOW SWITCH IN REAR RIGHT DOOR

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