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#522585: 2012 GMC SIERRA 2500HD EXTENDED CAB 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 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**WIRE****COLOR****POLARITY****LOCATION**

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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