

2008 Hummer H2

HUMMER



Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	red/white (x4) (15A each)	+	BCM, black plug, pins 1, 2, 3, and 4
Second 12 Volts	red/black (60A), red/black (60A)	+	dash fuse box, black 40 pin plug, pins E3 and F1
Starter	purple (not for remote start)	+	starter or underhood fuse box, black 50 pin plug, pin F1
Second Starter	pink/black	+9.6K ohms	ignition switch or BCM, lt. green plug, pin 2
Ignition	pink	+	ignition switch or BCM, lt. green plug, pin 14
Second Ignition	N/A		
Third Ignition	N/A		
Accessory	brown or yellow	+	ignition switch or BCM, lt. green plug, pin 21
Second Accessory	same as second starter	+6.3K ohms	
Third Accessory	N/A		
Key Sense	same as second starter		
Data Bus	pink/black (resistor code), white (5V reference)	mux	ignition switch or BCM, lt. green plug, pins 2 and 4
Can Bus High	N/A		
Can Bus Low	N/A		
Can Bus Sw	dk. green (low speed GMLAN)	data	data link conn, black 16 pin plug, pin 1 or BCM, lt. blue plug, pin 10
Power Lock	use Directed interface module		
Power Unlock	see power lock		
Lock Motor	gray	5 wire	dash fuse box, black 14 pin plug, pin B4
Unlock Motor	purple	5 wire	driver window switch, brown 16 pin plug, pin 8
Disarm Defeat	tan	5 wire	dash fuse box, black 14 pin plug, pin B1
Parking Lights (+)	brown (L), brown (R)	+	underhood fuse box, black 30 pin plug, pins A8 and F7
Parking Lights (-)	lt. blue	-	headlight switch or BCM, white plug, pin 8
Hazards	white	-	hazard switch or BCM, lt. green plug, pin 19
Turn Signal (Left)	lt. blue/white (F); yellow/black (R)	+	BCM, brown plug, pin 4; brown plug, pin 1
Turn Signal (Right)	dk. blue/white (F); dk. green/white (R)	+	BCM, black plug, pin 5; brown plug, pin 2

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Headlight	white	-	headlight switch or BCM, white plug, pin 12
AutoLights	dk. green (ground to turn off autolights)	-	headlight switch or BCM, white plug, pin 17
Reverse Light	dk. blue	+	BCM, brown plug, pin 22
Left Front Door Trigger	gray/black (ajar), tan (open)	-	driver window switch, brown 16 pin plug, pins 13 and 11
Right Front Door Trigger	tan/white	-	passenger window switch, brown 16 pin plug, pin 13
Left Rear Door Trigger	lt. blue/black	-	BCM, pink plug, pin 15
Right Rear Door Trigger	lt. green/black	-	BCM, pink plug, pin 14
Dome Supervision	gray	+	BCM, white plug, pin 5
Trunk/Hatch Pin	pink/black	-	BCM, pink plug, pin 12
Rear Glass Pin	N/A		
Hood Pin	pink/black	-	hood switch or BCM, black plug, pin 17
Trunk Hatch/Release	white/black (SUT - midgate latch release)	-	midgate latch release switch
Trunk Release Motor	N/A		
Fuel Door Release	N/A		
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)	N/A		
Factory Alarm Arm	arms on lock with door open		
Factory Alarm Disarm	lt. green	-	driver window switch, brown 16 pin plug, pin 4
Disarm No Unlock	Passkey and ignition		
Trunk Alarm Shunt	N/A		
Tachometer	NOT pink or pink/black	ac	any fuel injector
Wait to Start	N/A		
Neutral Safety	N/A		
Clutch Pedal	N/A		
Fuel Pump	pink	+	underhood fuse box, black 30 pin plug, pin F5
Rear Defroster	white	+ latched	HVAC Control Module, black 16 pin plug, pin 10
Mirror Defroster	black (L), orange or black (R)	+ latched	each window switch, black 10 pin plug, pin 7
Left Front Heated Seat	dk. blue or black	-	driver window switch, lt. gray 14 pin plug, pin 6
Right Front Heated Seat	dk. blue or black	-	passenger window switch, lt. gray 14 pin plug, pin 6

Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	dk. green/white (some models only)	ac	radio, brown 16 pin plug, pin 5
Brake Wire	lt. blue/white (functions with ignition on only)	+	brake switch or BCM, brown plug, pin 6
Parking Brake	lt. blue	-	parking brake switch or BCM, brown plug, pin 16
Horn Trigger	tan	-	horn switch or BCM, brown plug, pin 18
Wipers	gray	+	BCM, brown plug, pin 20
Left Front Window (Up/Down)	dk. blue - brown	A	driver window switch, black 6 pin plug, pins 3 and 1
Right Front Window (Up/Down)	dk. blue - brown	A	passenger window switch, black 6 pin plug, pins 3 and 1
Left Rear Window (Up/Down)	dk. blue - brown	A	left rear window switch, black 8 pin plug, pins F and G
Right Rear Window (Up/Down)	dk. blue - brown	A	right rear window switch, black 8 pin plug, pins F and G
Sun Roof (Open/Close)	brown - orange (functions with ignition on only)	-	sunroof switch, black 5 pin plug, pins D and E
Sun Roof (Limit/Close)	N/A		
Memory Seat 1	orange	+2.26Kohms	driver window switch, lt. gray 14 pin plug, pin 5
Memory Seat 2	same as memory seat 1	+4.26Kohms	
Memory Seat 3	N/A		
Radio 12V	red/white	+	radio, black 14 pin plug, pin 1
Radio Ground	black	-	radio, black 14 pin plug, pin 8
Radio Ignition	(low speed GMLAN)		
Radio Illumination	yellow (dimmer)	+	radio, black 14 pin plug, pin 7
Factory Amp Turn-on	white	+	radio, black 14 pin plug, pin 6
Power Antenna	N/A		
Left Front Speaker (+/-)	tan - dk. green (low level audio)	+,-	radio, black 14 pin plug, pins 2 and 9
Right Front Speaker (+/-)	lt. green/white - orange/black (low level audio)	+,-	radio, black 14 pin plug, pins 3 and 10
Left Rear Speaker (+/-)	brown/white - brown (low level audio)	+,-	radio, black 16 pin plug, pins 5 and 13
Right Rear Speaker (+/-)	dk. blue - tan (low level audio)	+,-	radio, black 16 pin plug, pins 6 and 14
Center Channel (+/-)	dk blue - orange (low level audio) (with surround)	+,-	radio, brown 16 pin plug, pins 3 and 11
Subwoofer (+/-)	white - pink (low level audio) (with surround)	+,-	radio, brown 16 pin plug, pins 4 and 12
Aux. Audio Input Left (+/-)	yellow - (bare wire)	+,-	radio, gray 16 pin plug, pins 1 and 9
Aux. Audio Input Right (+/-)	white - (bare wire)	+,-	radio, gray 16 pin plug, pins 2 and 9
RSE Video (+/-)	dk. green - white/black	+,-	radio, gray 16 pin plug, pins 7 and 15

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RSE Audio Left (+/-)	lt. blue - purple	+,-	radio, gray 16 pin plug, pins 3 and 11
RSE Audio Right (+/-)	white - purple	+,-	radio, gray 16 pin plug, pins 4 and 11
Satellite Radio 12 Volts	red/white	+	Digital Radio Receiver, black 16 pin plug, pin 16
Satellite Radio Ground	black	-	Digital Radio Receiver, black 16 pin plug, pin 9
Satellite Radio Ignition	(low speed GMLAN)		
Satellite Radio Antenna	(coaxial cable)		
Satellite Audio Left (+/-)	brown/white - tan/white	+,-	Digital Radio Receiver, blk 16 pin plug, pins 2, 1
Satellite Audio Right (+/-)	dk. green/white - gray	+,-	Digital Radio Receiver, blk 16 pin plug, pins 3, 4

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What Fits

Item	Size	Depth	Location
Headunit	double DIN		center of dash
Left Front Speaker	6.5		left front door
Left Front Tweeter			left front pillar
Right Front Speaker	6.5		right front door
Right Front Tweeter			right front pillar
Left Rear Speaker	5.25		left rear door
Left Rear Tweeter			left rear pillar
Right Rear Speaker	5.25		right rear door
Right Rear Tweeter			right rear pillar
Center Channel			top center of dash
Subwoofer			under front of center console
Left Front Headrest			
Right Front Headrest			
Left Right Headrest			
Right Rear Headrest			
Satellite Radio Tuner			under passenger dash, behind glove box

Additional Wiring Notes

Item	Note
12 Volts	The BCM (Body Control Module) is under the driver dash, to the left of the steering column.
Factory Alarm Disarm	Meter this wire while turning the key in the driver door key cylinder.
Left Front Window (Up/Down)	Accessory Installation Warning! Window module such as the 530t that isolate the switch from the window motor at rest will not work in this vehicle. We recommend using a 529t type window module. There is also a global window switch on the driver dash. The up - down wires are lt. blue/black (+) - lt. blue/yellow (+) at the global window switch, gray 5 pin plug, pins C and B.
Left Front Speaker (+/-)	The amplifier is under the rear of the center console. The speaker wires are tan - gray at the amplifier, black or gray 8 pin plug (X1), pins 5 and 1 (without surround), or black 16 pin plug (X2), pins 4 and 5 (with surround).
Right Front Speaker (+/-)	The amplifier is under the rear of the center console. The speaker wires are lt. green - dk. green at the amplifier, black 16 pin plug (X2), pins 8 and 7 (without surround), or 7 and 6 (with surround).
Center Channel (+/-)	The amplifier is under the rear of the center console. The speaker wires are yellow - lt. blue at the amplifier, black 16 pin plug (X2), pins 4 and 3 (without surround), or 13 and 12 (with surround).
Subwoofer (+/-)	The amplifier is under the rear of the center console. The speaker coil 1 wires are dk. blue/white - lt. green/black at the amplifier, black or gray 8 pin plug (X1), pins 7 and 3 (without surround), or 1 and 2 (with surround). The speaker coil 2 wires are dk. green - lt. blue/black at the amplifier, black or gray 8 pin plug (X1), pins 6 and 2 (without surround), or 7 and 3 (with surround).
Left Rear Speaker (+/-)	The amplifier is under the rear of the center console. The door speaker wires are brown - yellow at the amplifier, black 16 pin plug (X2), pins 15 and 16 (without surround), or 16 and 8 (with surround). The pillar speaker wires are orange - orange/black at the amplifier, black 16 pin plug (X2), pins 6 and 5 (without surround), or tan - white at the amplifier, black 16 pin plug (X2), pins 11 and 10 (with surround).
Right Rear Speaker (+/-)	The amplifier is under the rear of the center console. The door speaker wires are dk. blue - lt. blue at the amplifier, black 16 pin plug (X2), pins 2 and 1 (without surround), or 15 and 14 (with surround). The pillar speaker wires are paralleled with the left rear pillar speaker (without surround), or tan - orange at the amplifier, black 16 pin plug (X2), pins 3 and 2 (with surround).
Satellite Radio 12 Volts	If equipped, the Digital Radio Receiver is under the passenger dash, behind the glove box.
Aux. Audio Input Left (+/-)	The auxiliary video input wires are purple - (bare wire) at the radio, gray 16 pin plug, pins 8 and 16.
RSE Video (+/-)	The rearview camera input wires are white - lt. blue at the radio, brown 16 pin plug, pins 6 and 7.
Right Rear Window (Up/Down)	On the SUT models, the midgate window up - down wires are tan (+) - white (+) at the midgate window switch, black 5 pin plug, pins C and B.
Can Bus sw	The BCM (Body Control Module) is under the driver dash, to the left of the steering column.
Rear Defroster	The HVAC Control Module is in the center of the dash, below the radio.
Parking Lights (-)	The BCM (Body Control Module) is under the driver dash, to the left of the steering column.
Left Rear Door Trigger	The BCM (Body Control Module) is under the driver dash, to the left of the steering column.
Right Rear Door Trigger	The BCM (Body Control Module) is under the driver dash, to the left of the steering column.
Accessory	The BCM (Body Control Module) is under the driver dash, to the left of the steering column.
Ignition	The BCM (Body Control Module) is under the driver dash, to the left of the steering column.
Trunk/Hatch Pin	The BCM (Body Control Module) is under the driver dash, to the left of the steering column.
Hazards	The BCM (Body Control Module) is under the driver dash, to the left of the steering column.
Turn Signal (Left)	The BCM (Body Control Module) is under the driver dash, to the left of the steering column.
Turn Signal (Right)	The BCM (Body Control Module) is under the driver dash, to the left of the steering column.
Brake Wire	The BCM (Body Control Module) is under the driver dash, to the left of the steering column.
Reverse Light	The BCM (Body Control Module) is under the driver dash, to the left of the steering column.
AutoLights	The BCM (Body Control Module) is under the driver dash, to the left of the steering column.
Headlight	The BCM (Body Control Module) is under the driver dash, to the left of the steering column.
Parking Brake	The BCM (Body Control Module) is under the driver dash, to the left of the steering column.