

## 2008 Hummer H3

HUMMER



## Wiring Information

Item	Wire Color	Polarity	Wire Location
12 Volts	orange (20A), orange (15A)	+	BCM, black 56 pin plug, pins B5 and B8
Second 12 Volts	white/black (10A)	+	ignition switch, green 6 pin plug, pin 2
Starter	purple (for starter kill only)	+	starter or underhood fuse box, top, white 2 pin plug, pin 1
Second Starter	white/dk. blue (resistor code), white/yel (5V ref)	mux	ignition switch, green 6 pin plug, pins 4 and 5
Ignition	white/dk. green	+	ignition switch, green 6 pin plug, pin 3
Second Ignition	N/A		
Third Ignition	N/A		
Accessory	white/red	+	ignition switch, green 6 pin plug, pin 1
Second Accessory	same as second starter		
Third Accessory	N/A		
Key Sense	same as second starter		
Data Bus	N/A		
Can Bus High	tan/white (high speed GMLAN)	data	data link connector, black 16 pin plug, pin 6
Can Bus Low	tan (high speed GMLAN)	data	data link connector, black 16 pin plug, pin 14
Can Bus Sw	purple (J1850 Class 2 Serial Data)	data	data link connector, black 16 pin plug, pin 2
Power Lock	lt. blue	-	driver kick, door harness or BCM, black 56 pin plug, pin A11
Power Unlock	white (double pulse)	-	driver kick, door harness or BCM, black 56 pin plug, pin A12
Lock Motor	gray	5 wire	driver kick, door harness
Unlock Motor	tan	5 wire	driver window switch, blue 8 pin plug, pin 2
Disarm Defeat	tan	5 wire	driver kick, door harness
Parking Lights (+)	brown	+	BCM, black 56 pin plug, pin A48
Parking Lights (-)	brown/white	-	headlight switch or BCM, gray 56 pin plug, pin A7
Hazards	white	-	hazard switch or BCM, gray 56 pin plug, pin A48
Turn Signal (Left)	lt. blue (F), yellow (R)	+	BCM, black 56 pin plug, pins A3 and B1
Turn Signal (Right)	dk. blue (F), dk. green (R)	+	BCM, black 56 pin plug, pins A19 and B2

*Wiring Information (Continued)*

Item	Wire Color	Polarity	Wire Location
<b>Headlight</b>	white	-	headlight switch or BCM, gray 56 pin plug, pin A2
<b>AutoLights</b>	purple/white (ground to turn off autolights)	-	headlight switch or BCM, gray 56 pin plug, pin A9
<b>Reverse Light</b>	lt. green	+	driver kick, harness to rear
<b>Left Front Door Trigger</b>	gray/black	-	BCM, black 56 pin plug, pin A32
<b>Right Front Door Trigger</b>	lt. green/black	-	BCM, black 56 pin plug, pin A38
<b>Left Rear Door Trigger</b>	black/white	-	BCM, black 56 pin plug, pin A39
<b>Right Rear Door Trigger</b>	lt. blue/black	-	BCM, black 56 pin plug, pin A44
<b>Dome Supervision</b>	white	-	BCM, black 56 pin plug, pin A46
<b>Trunk/Hatch Pin</b>	same as right rear door trigger		
<b>Rear Glass Pin</b>	N/A		
<b>Hood Pin</b>	same as right rear door trigger		
<b>Trunk Hatch/Release</b>	locks/unlocks along with doors		
<b>Trunk Release Motor</b>	N/A		
<b>Fuel Door Release</b>	N/A		
<b>Power Sliding Door (Left)</b>	N/A		
<b>Power Sliding Door (Right)</b>	N/A		
<b>Factory Alarm Arm</b>	factory remote only		
<b>Factory Alarm Disarm</b>	see disarm no unlock		
<b>Disarm No Unlock</b>	Passlock and ignition		
<b>Trunk Alarm Shunt</b>	N/A		
<b>Tachometer</b>	black, lt grn/blk, pnk/blk, lt blu/blk, or blk/wht	ac	any fuel injector, gray or black 2 pin plug, pin B
<b>Wait to Start</b>	N/A		
<b>Neutral Safety</b>	N/A		
<b>Clutch Pedal</b>	dk. blue	- 180 ohms	clutch switch, black 3 pin plug, pin B
<b>Fuel Pump</b>	gray	+	underhood fuse box, bottom, wht 47 pin plg, pin 14
<b>Rear Defroster</b>	lt. blue	-	HVAC control, gray plug, pin J or BCM, gray 56 pin plug, pin A24
<b>Mirror Defroster</b>	N/A		
<b>Left Front Heated Seat</b>	pink	+4.9K ohms	driver seat heater switch, black 8 pin plug, pin B
<b>Right Front Heated Seat</b>	pink	+4.9K ohms	passenger seat heater switch, black 8 pin plug, pin B

## Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	dk. green/white (some models only)	ac	radio, black 12 pin plug, pin E
Brake Wire	lt. blue	+	brake switch or BCM, black 56 pin plug, pin A37
Parking Brake	lt. blue	-	parking brake switch or BCM, black 56 pin plug, pin A31
Horn Trigger	dk. green to black	-	horn switch or BCM, black 56 pin plug, pin A40
Wipers	dk. green	+	BCM, black 56 pin plug, pin A8
Left Front Window (Up/Down)	dk. blue - brown	A	driver window switch, blue 8 pin plug, pins 7 and 8
Right Front Window (Up/Down)	dk. blue - brown	A	passenger window switch, white 12 pin plug, pins 12 and 10
Left Rear Window (Up/Down)	dk. blue - brown	A	left rear window switch, blue 8 pin plug, pins 8 and 7
Right Rear Window (Up/Down)	dk. blue - brown	A	right rear window switch, blue 8 pin plug, pins 8 and 7
Sun Roof (Open/Close)	orange - brown (function with ignition on only)	-	driver A pillar or sunroof switch, brown 8 pin plug, pins G and F
Sun Roof (Limit/Close)	N/A		
Memory Seat 1	N/A		
Memory Seat 2	N/A		
Memory Seat 3	N/A		
Radio 12V	orange	+	radio, gray 24 pin plug, pin B1
Radio Ground	black/white	-	radio, gray 24 pin plug, pin A12
Radio Ignition	(Class 2 Serial Data)		
Radio Illumination	gray (dimmer)	+	radio, gray 24 pin plug, pin B4
Factory Amp Turn-on	pink	+	radio, gray 24 pin plug, pin B3
Power Antenna	N/A		
Left Front Speaker (+/-)	tan - gray or tan - dk. green	+,-	radio, gray 24 pin plug, pins A8 and A9
Right Front Speaker (+/-)	lt. green - dk. green or lt. green - orange/black	+,-	radio, gray 24 pin plug, pins B11 and B10
Left Rear Speaker (+/-)	brown - yellow or brown - dk. green/white	+,-	radio, gray 24 pin plug, pins B8 and B9
Right Rear Speaker (+/-)	dk. blue - lt. blue or dk. blue - black	+,-	radio, gray 24 pin plug, pins A11 and A10
Center Channel (+/-)	N/A		
Subwoofer (+/-)	dk blu/wht - lt grn/blk(1); dk grn - lt blu/blk(2)	+,-	amplifier, black 8 pin plug (X3), pins 3 and 4; 8 and 7
Aux. Audio Input Left (+/-)	brown/white - black/white (satellite audio)	+,-	radio, black 12 pin plug, pins J and K
Aux. Audio Input Right (+/-)	dk. green/white - black/white (satellite audio)	+,-	radio, black 12 pin plug, pins H and K
RSE Video (+/-)	N/A		
RSE Audio Left (+/-)	N/A		
RSE Audio Right (+/-)	N/A		

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DirectWire Vehicle Information - 11/12/2013 2:22:40 AM			
Satellite Radio 12 Volts	orange	+	Digital Radio Receiver, black 16 pin plug, pin 16
Satellite Radio Ground	black/white	-	Digital Radio Receiver, black 16 pin plug, pin 9
Satellite Radio Ignition	(Class 2 Serial Data)		
Satellite Radio Antenna	(coaxial cable)		
Satellite Audio Left (+/-)	brown/white - black/white	+,-	Digital Radio Receiver, blk 16 pin plg, pins 2, 10
Satellite Audio Right (+/-)	dk. green/white - black/white	+,-	Digital Radio Receiver, blk 16 pin plg, pins 3, 10

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*What Fits*

Item	Size	Depth	Location
<b>Headunit</b>	double DIN		center of dash
<b>Left Front Speaker</b>	6.5		left front door
<b>Left Front Tweeter</b>			left front pillar
<b>Right Front Speaker</b>	6.5		right front door
<b>Right Front Tweeter</b>			right front pillar
<b>Left Rear Speaker</b>	6.5		left rear door
<b>Left Rear Tweeter</b>	N/A		
<b>Right Rear Speaker</b>	6.5		right rear door
<b>Right Rear Tweeter</b>	N/A		
<b>Center Channel</b>	N/A		
<b>Subwoofer</b>			left rear quarter panel
<b>Left Front Headrest</b>			
<b>Right Front Headrest</b>			
<b>Left Right Headrest</b>			
<b>Right Rear Headrest</b>			
<b>Satellite Radio Tuner</b>			under passenger dash, behind glove box

*Additional Wiring Notes*

Item	Note
<b>12 Volts</b>	The BCM (Body Control Module) is in the passenger kick.
<b>Second Starter</b>	If interface module is not available, see Tech Doc 1603.
<b>Power Lock</b>	The BCM (Body Control Module) is in the passenger kick.
<b>Power Unlock</b>	The BCM (Body Control Module) is in the passenger kick. To unlock all doors with a single pulse, use dk. blue (-) in either kick, door harness.
<b>Left Front Door Trigger</b>	The BCM (Body Control Module) is in the passenger kick.
<b>Right Front Door Trigger</b>	The BCM (Body Control Module) is in the passenger kick.
<b>Left Rear Door Trigger</b>	The BCM (Body Control Module) is in the passenger kick.
<b>Right Rear Door Trigger</b>	The BCM (Body Control Module) is in the passenger kick.
<b>Parking Lights (-)</b>	The BCM (Body Control Module) is in the passenger kick.
<b>Hazards</b>	The BCM (Body Control Module) is in the passenger kick.
<b>Parking Lights (+)</b>	The BCM (Body Control Module) is in the passenger kick.
<b>Turn Signal (Left)</b>	The BCM (Body Control Module) is in the passenger kick.
<b>Turn Signal (Right)</b>	The BCM (Body Control Module) is in the passenger kick.
<b>Brake Wire</b>	The BCM (Body Control Module) is in the passenger kick.
<b>Headlight</b>	The BCM (Body Control Module) is in the passenger kick.
<b>AutoLights</b>	The BCM (Body Control Module) is in the passenger kick.
<b>Dome Supervision</b>	The BCM (Body Control Module) is in the passenger kick.
<b>Parking Brake</b>	The BCM (Body Control Module) is in the passenger kick.
<b>Horn Trigger</b>	The BCM (Body Control Module) is in the passenger kick.
<b>Wipers</b>	The BCM (Body Control Module) is in the passenger kick.
<b>Subwoofer (+/-)</b>	If equipped, the amplifier is in the left rear quarter panel.
<b>Left Front Speaker (+/-)</b>	If equipped, the amplifier is in the left rear quarter panel. On vehicles with amplifier, the speaker wires are tan - gray at the amplifier, black 16 pin plug (X2), pins 15 and 16. The tweeter wires are black - yellow at the amplifier, black 16 pin plug (X2), pins 1 and 2.
<b>Right Front Speaker (+/-)</b>	If equipped, the amplifier is in the left rear quarter panel. On vehicles with amplifier, the speaker wires are lt. green - dk. green at the amplifier, black 16 pin plug (X2), pins 13 and 14. The tweeter wires are lt. green - purple at the amplifier, black 16 pin plug (X2), pins 3 and 4.
<b>Left Rear Speaker (+/-)</b>	If equipped, the amplifier is in the left rear quarter panel. On vehicles with amplifier, the speaker wires are brown - yellow at the amplifier, black 16 pin plug (X2), pins 6 and 5.
<b>Right Rear Speaker (+/-)</b>	If equipped, the amplifier is in the left rear quarter panel. On vehicles with amplifier, the speaker wires are dk. blue - lt. blue at the amplifier, black 16 pin plug (X2), pins 8 and 7.
<b>Satellite Radio 12 Volts</b>	If equipped, the Digital Radio Receiver is under the passenger dash, behind the glove box.
<b>Rear Defroster</b>	The BCM (Body Control Module) is in the passenger kick.
<b>Can Bus High</b>	The security light is gray (-) at the BCM, gray 56 pin plug, pin A19. The BCM (Body Control Module) is in the passenger kick.
<b>Clutch Pedal</b>	See Tech Doc 10001 for wiring information.