

## 2004 Hummer H2




## Wiring Information

Item	Wire Color	Polarity	Wire Location
<b>12 Volts</b>	red (40A)	+	ignition harness
<b>Second 12 Volts</b>	red or red/white (40A)	+	ignition harness
<b>Starter</b>	yellow	+	ignition harness
<b>Second Starter</b>	N/A		
<b>Ignition</b>	pink	+	ignition harness
<b>Second Ignition</b>	white	+	ignition harness
<b>Third Ignition</b>	N/A		
<b>Accessory</b>	orange	+	ignition harness
<b>Second Accessory</b>	brown	+	ignition harness
<b>Third Accessory</b>	N/A		
<b>Key Sense</b>	lt. green	-	BCM, lt. blue plug, pin A1
<b>Data Bus</b>	yellow (resistor code), org/blk to black (ground)	Passlock 2	Passlock sensor on ignition key cylinder
<b>Can Bus High</b>			
<b>Can Bus Low</b>			
<b>Can Bus Sw</b>	purple	data	data link connector under driver dash, pin 2
<b>Power Lock</b>	lt. blue	-	BCM, purple plug, pin B3
<b>Power Unlock</b>	white	-	BCM, purple plug, pin B2
<b>Lock Motor</b>	gray	5wi	driver door module in door
<b>Unlock Motor</b>	tan	5wi	driver door module in door
<b>Disarm Defeat</b>	tan	5wi	driver rear door harness
<b>Parking Lights (+)</b>	brown (L), brown/white (R)	+	driver kick, harness to rear
<b>Parking Lights (-)</b>	gray/black	-	BCM, brown plug, pin B2
<b>Hazards</b>	white	-	hazard switch
<b>Turn Signal (Left)</b>	dk. green	+	turn signal switch
<b>Turn Signal (Right)</b>	lt. green	+	turn signal switch

*Wiring Information (Continued)*

Item	Wire Color	Polarity	Wire Location
Headlight	white	-	BCM, lt. blue plug, pin A12
AutoLights			
Reverse Light	lt. green	+	BCM, black plug, pin F
Left Front Door Trigger	see notes	-	see notes
Right Front Door Trigger			
Left Rear Door Trigger			
Right Rear Door Trigger			
Dome Supervision	gray/black	+	BCM, black plug, pin E
Trunk/Hatch Pin	pink/black	-	BCM, purple plug, pin A1
Rear Glass Pin			
Hood Pin	N/A		
Trunk Hatch/Release	N/A		
Trunk Release Motor			
Fuel Door Release			
Power Sliding Door (Left)	N/A		
Power Sliding Door (Right)			
Factory Alarm Arm	arms on lock		
Factory Alarm Disarm	lt. green	-	driver door module in door
Disarm No Unlock	see factory alarm disarm		
Trunk Alarm Shunt			
Tachometer	white	ac	PCM, green plug, pin 10
Wait to Start	N/A		
Neutral Safety			
Clutch Pedal			
Fuel Pump			
Rear Defroster			
Mirror Defroster			
Left Front Heated Seat			
Right Front Heated Seat			

## Wiring Information (Continued)

Item	Wire Color	Polarity	Wire Location
Speed Sense	dk. green/white		PCM, green plug, pin 50
Brake Wire	white	+	brake pedal switch
Parking Brake	lt. blue	-	BCM, lt. blue plug, pin A7
Horn Trigger	black/yellow to black	-	switch or BCM, gray plug, pin B9
Wipers	pink (L), dk. blue/white (H)	-	windshield wiper switch
Left Front Window (Up/Down)	dk. blue - brown	C	LF window switch in door
Right Front Window (Up/Down)	dk. blue - brown	C	RF window switch in door
Left Rear Window (Up/Down)	dk. blue - brown	C	LR window switch in door
Right Rear Window (Up/Down)	dk. blue - brown	C	RR window switch in door
Sun Roof (Open/Close)	motor part of module		
Sun Roof (Limit/Close)	N/A		
Memory Seat 1	red	+	driver door module in door
Memory Seat 2	pink	+	driver door module in door
Memory Seat 3	N/A		
Radio 12V	orange	+	radio harness
Radio Ground	black/white	-	radio harness
Radio Ignition	(Class 2 Serial Data)		
Radio Illumination	N/A		
Factory Amp Turn-on	pink (some models)	+	radio harness
Power Antenna	gray (some models)	+	radio harness
Left Front Speaker (+/-)	tan - gray	+,-	amp under center console
Right Front Speaker (+/-)	lt. green - dk. green	+,-	amp under center console
Left Rear Speaker (+/-)	brown - yellow	+,-	amp under center console
Right Rear Speaker (+/-)	dk. blue - lt. blue	+,-	amp under center console
Center Channel (+/-)			
Subwoofer (+/-)			
Aux. Audio Input Left (+/-)			
Aux. Audio Input Right (+/-)			
RSE Video (+/-)			
RSE Audio Left (+/-)			
RSE Audio Right (+/-)			
Satellite Radio 12 Volts			
Satellite Radio Ground			
Satellite Radio Ignition			
Satellite Radio Antenna			
Satellite Audio Left (+/-)			
Satellite Audio Right (+/-)			

*What Fits*

Item	Size	Depth	Location
<b>Headunit</b>	double DIN		center of dash
<b>Left Front Speaker</b>	6.5	3	left front door
<b>Left Front Tweeter</b>	0.75	2	left front pillar
<b>Right Front Speaker</b>	6.5	3	right front door
<b>Right Front Tweeter</b>	0.75	2	right front pillar
<b>Left Rear Speaker</b>	6.5	3	left rear door
<b>Left Rear Tweeter</b>	4	3.5	left rear pillar
<b>Right Rear Speaker</b>	6.5	3	right rear door
<b>Right Rear Tweeter</b>	4	3.5	right rear pillar
<b>Center Channel</b>	N/A		
<b>Subwoofer</b>	8	6	under front center console
<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>			

*Additional Wiring Notes*

Item	Note
<b>Key Sense</b>	The BCM (Body Control Module) is located behind the headlight switch. It has 6 plugs in it, the purple plug is on the back.
<b>Power Lock</b>	The BCM (Body Control Module) is located behind the headlight switch. It has 6 plugs in it, the purple plug is on the back. Can also use Directed interface module.
<b>Power Unlock</b>	The BCM (Body Control Module) is located behind the headlight switch. It has 6 plugs in it, the purple plug is on the back. Can also use Directed interface module.
<b>Parking Lights (-)</b>	The BCM (Body Control Module) is located behind the headlight switch. It has 6 plugs in it, the purple plug is on the back.
<b>Headlight</b>	The BCM (Body Control Module) is located behind the headlight switch. It has 6 plugs in it, the purple plug is on the back.
<b>Reverse Light</b>	The BCM (Body Control Module) is located behind the headlight switch. It has 6 plugs in it, the purple plug is on the back.
<b>Left Front Door Trigger</b>	The driver door trigger is gray/black (-) at the driver door module in the door. The RF door trigger is black/white (-) at the passenger door module in the door. The LR door trigger is lt. blue/black (-), pin A3, and the RR is lt. green/black (-), pin A2, they are in the purple plug at the BCM. Use all four wires and diode isolate each. The BCM (Body Control Module) is located behind the headlight switch. It has 6 plugs in it, the purple plug is on the back.
<b>Trunk/Hatch Pin</b>	The BCM (Body Control Module) is located behind the headlight switch. It has 6 plugs in it, the purple plug is on the back.
<b>Tachometer</b>	The PCM (Powertrain Control Module) is under the hood on the driver side next to the battery. The tach wire is also found behind the instrument cluster. For tach can also go to any fuel injector and use the wire that is NOT pink.
<b>Speed Sense</b>	The PCM (Powertrain Control Module) is under the hood on the driver side next to the battery. The vss wire is also found behind the instrument cluster, and in the radio harness on some models.
<b>Parking Brake</b>	The BCM (Body Control Module) is located behind the headlight switch. It has 6 plugs in it, the purple plug is on the back.
<b>Horn Trigger</b>	The BCM (Body Control Module) is located behind the headlight switch. It has 6 plugs in it, the purple plug is on the back.
<b>Dome Supervision</b>	The BCM (Body Control Module) is located behind the headlight switch. It has 6 plugs in it, the purple plug is on the back.