2005 Hummer H2

Wiring Information

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

Additional Wiring Notes

Item	Note
Key Sense	The BCM (Body Control Module) is located behind the headlight switch. It has 6 plugs in it, the purple plug is on the back.
Power Lock	If interface module is not available, refer to Tech Doc 1601. Upper trim level vehicles may have a door lock switch on the right rear panel. If present, the lock wire is lt. blue (-) at the BCM, purple plug, pin B3 and the unlock wire is white (-) at the BCM, purple plug, pin B2. The BCM (Body Control Module) is located behind the headlight switch. It has 6 plugs in it, the purple plug is on the back.
Parking Lights (-)	The BCM (Body Control Module) is located behind the headlight switch. It has 6 plugs in it, the purple plug is on the back.
Headlight	The BCM (Body Control Module) is located behind the headlight switch. It has 6 plugs in it, the purple plug is on the back.
Reverse Light	The BCM (Body Control Module) is located behind the headlight switch. It has 6 plugs in it, the purple plug is on the back.
Left Front Door Trigger	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.
Dome Supervision	The BCM (Body Control Module) is located behind the headlight switch. It has 6 plugs in it, the purple plug is on the back.
Trunk/Hatch Pin	The BCM (Body Control Module) is located behind the headlight switch. It has 6 plugs in it, the purple plug is on the back.
Tachometer	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.
Speed Sense	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.
Parking Brake	The BCM (Body Control Module) is located behind the headlight switch. It has 6 plugs in it, the purple plug is on the back.
Horn Trigger	The BCM (Body Control Module) is located behind the headlight switch. It has 6 plugs in it, the purple plug is on the back.