

2006 Hummer H3

Wiring Information

| Item | Wire Color | Polarity | Wire Location |
|----------------------------|--|----------|--|
| 12 Volts | white/black to orange (10A) | + | ignition switch, pin 2 |
| Second 12 Volts | red | + | battery |
| Starter | yellow/black (not for remote start) | - | PCM, blue plug, pin 48 |
| Second Starter | white/blue to white | mux | ignition switch, pin 4 or BCM, gray plug, pin A14 |
| Ignition | white/green to dk. blue | + | ignition switch, pin 3 or BCM, gray plug, pin B8 |
| Second Ignition | N/A | | |
| Third Ignition | N/A | | |
| Accessory | white/red to brown | + | ignition switch, pin 1 or BCM, gray plug, pin B7 |
| Second Accessory | same as second starter | | |
| Third Accessory | N/A | | |
| Key Sense | same as second starter | | |
| Data Bus | wh/blu to wh (resistor), wh/yel to wh/blk (5V ref) | mux | ign sw, pins 4, 5 or BCM, gray plug, pins A14, A42 |
| Can Bus High | | | |
| Can Bus Low | | | |
| Can Bus Sw | purple | data | data link connector under driver dash, pin 2 |
| Power Lock | lt. blue | - | either kick or BCM, black plug, pin A11 |
| Power Unlock | dk. blue | - | either kick, door harness |
| Lock Motor | gray | 5wi | door lock switch in driver door |
| Unlock Motor | tan | 5wi | door lock switch in driver door |
| Disarm Defeat | tan | 5wi | driver kick, door harness |
| Parking Lights (+) | brown | + | driver kick or BCM, blk plg, pin A48 |
| Parking Lights (-) | brown/white | - | switch or BCM, gray plug, pin A7 |
| Hazards | white | - | switch or BCM, gray plug, pin A48 |
| Turn Signal (Left) | lt. blue (F), yellow (R) | + | BCM, black plug, pins A3, B1 |
| Turn Signal (Right) | dk. blue (F), dk. green (R) | + | BCM, black plug, pins A19, B2 |

Wiring Information (Continued)

| Item | Wire Color | Polarity | Wire Location |
|-----------------------------------|-----------------------------|----------|------------------------------------|
| Headlight | white | - | switch or BCM, gray plug, pin A2 |
| AutoLights | | | |
| Reverse Light | lt. green | + | driver kick, harness to rear |
| Left Front Door Trigger | see notes | - | BCM, black plug |
| Right Front Door Trigger | | | |
| Left Rear Door Trigger | | | |
| Right Rear Door Trigger | | | |
| Dome Supervision | white | - | BCM, black plug, pin A46 |
| Trunk/Hatch Pin | common with RR door trigger | | |
| 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 | | | |
| Factory Alarm Disarm | | | |
| Disarm No Unlock | with ignition and Passlock | | |
| Trunk Alarm Shunt | | | |
| Tachometer | NOT pink or black | ac | any ignition coil or fuel injector |
| 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, blue plug, pin 21 |
| Brake Wire | lt. blue | + | switch or BCM, black plug, pin A37 |
| Parking Brake | lt. blue | - | switch or BCM, black plug, pin A31 |
| Horn Trigger | green to black | - | switch or BCM, gray plug, pin A25 |
| Wipers | dk. green (L), purple (H) | + | windshield wiper motor |
| Left Front Window (Up/Down) | dk. blue - brown | A | LF window switch in door |
| Right Front Window (Up/Down) | dk. blue - brown | A | RF window switch in door |
| Left Rear Window (Up/Down) | dk. blue - brown | A | LR window switch in door |
| Right Rear Window (Up/Down) | dk. blue - brown | A | RR window switch in door |
| Sun Roof (Open/Close) | motor part of module | | |
| 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 harness |
| Radio Ground | black and black/white | - | radio harness |
| Radio Ignition | (Class 2 Serial Data) | | |
| Radio Illumination | gray (dimmer) | + | radio harness |
| Factory Amp Turn-on | pink | + | radio harness |
| Power Antenna | N/A | | |
| Left Front Speaker (+/-) | tan - gray | +,- | radio harness or amplifier |
| Right Front Speaker (+/-) | lt. green - dk. green | +,- | radio harness or amplifier |
| Left Rear Speaker (+/-) | brown - yellow | +,- | radio harness or amplifier |
| Right Rear Speaker (+/-) | dk. blue - lt. blue | +,- | radio harness or amplifier |
| 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 | | | |

Smart Starter Kill Relay

| | |
|------------------|-----|
| Relay Type: | n/a |
| Part #: | n/a |
| OE Relay Part #: | |
| Location: | n/a |

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|---------------|
| Notes: |
| n/a |

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|------------------------------|
| Alternate Part Notes: |
| n/a |

Immobilizer Bypass Module

| | |
|----------------------------|-----------------|
| Required: | Yes |
| Type: | Passlock |
| Part #: | N/A |
| Alternate Part #'s: | |

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| Notes: |
| See DirectFax document 1603 for wiring information. |

Additional Wiring Notes

| Item | Note |
|---------------------------------|---|
| Ignition | The BCM (Body Control Module) is in the passenger kick panel. |
| Accessory | The BCM (Body Control Module) is in the passenger kick panel. |
| Parking Lights (-) | The BCM (Body Control Module) is in the passenger kick panel. |
| Hazards | The BCM (Body Control Module) is in the passenger kick panel. |
| Headlight | The BCM (Body Control Module) is in the passenger kick panel. |
| Left Front Door Trigger | The LF door is gray/black in pin A32, the RF door is lt. green/black in pin A38, the LR door is black/white in pin A39, and the RR door is lt. blue/black in pin A44. Use all four wires and diode isolate each. The BCM (Body Control Module) is in the passenger kick panel. |
| Parking Brake | The BCM (Body Control Module) is in the passenger kick panel. |
| Horn Trigger | The BCM (Body Control Module) is in the passenger kick panel. |
| Left Front Speaker (+/-) | If equipped, the amplifier is in the driver side rear quarter panel, next to the subwoofer. At the amplifier, the LF tweeter wires are black (+) and yellow (-). The RF tweeter wires are lt. green (+) and purple (-). The L subwoofer wires are dk. blue/white (+) and lt. green/black (-). The R subwoofer wires are dk. green (+) and lt. blue/black (-). |
| Power Unlock | To unlock just the driver door use white (-) at the BCM, black plug, pin A12. The BCM (Body Control Module) is in the passenger kick panel. |
| Speed Sense | The PCM (Powertrain Control Module) is on the passenger side firewall under the hood. Also found in the radio harness on some models. |
| Power Lock | The BCM (Body Control Module) is in the passenger kick panel. |
| Turn Signal (Right) | The BCM (Body Control Module) is in the passenger kick panel. |
| Dome Supervision | The BCM (Body Control Module) is in the passenger kick panel. |
| Brake Wire | The BCM (Body Control Module) is in the passenger kick panel. |
| Starter | The PCM (Powertrain Control Module) is on the passenger side firewall under the hood. |
| Parking Lights (+) | The BCM (Body Control Module) is in the passenger kick panel. |
| Turn Signal (Left) | The BCM (Body Control Module) is in the passenger kick panel. |
| Second Starter | The BCM (Body Control Module) is in the passenger kick panel. If interface module is not available, see Tech Doc 1603. |
| Data Bus | The BCM (Body Control Module) is in the passenger kick panel. |