2006 SYSTEM WIRING DIAGRAMS

Hummer - H3

USING MITCHELL1'S WIRING DIAGRAMS

For information on using these wiring diagrams, see USING MITCHELL1'S SYSTEM WIRING DIAGRAMS article.

AIR CONDITIONING
Fig. 1: Compressor Circuit
Fig. 2: Manual A/C Circuit (1 of 2)
Fig. 3: Manual A/C Circuit (2 of 2)

ANTI-LOCK BRAKES
Fig. 4: Anti-lock Brakes Circuit (1 of 2)
Fig. 5: Anti-lock Brakes Circuit (2 of 2)

ANTI-THEFT
Fig. 6: Forced Entry Circuit
Fig. 7: Passlock Circuit

BODY CONTROL MODULES
Fig. 8: Body Control Modules Circuit (1 of 2)
Fig. 9: Body Control Modules Circuit (2 of 2)

COMPUTER DATA LINES
Fig. 10: Computer Data Lines Circuit

CRUISE CONTROL
Fig. 11: Cruise Control Circuit

DEFOGGERS
Fig. 12: Defoggers Circuit

ENGINE PERFORMANCE

3.5L VIN 6
Fig. 13: 3.5L VIN 6, Engine Performance Circuit (1 of 5)
Fig. 14: 3.5L VIN 6, Engine Performance Circuit (2 of 5)
Fig. 15: 3.5L VIN 6, Engine Performance Circuit (3 of 5)
Fig. 16: 3.5L VIN 6, Engine Performance Circuit (4 of 5)
Fig. 17: 3.5L VIN 6, Engine Performance Circuit (5 of 5)

EXTERIOR LIGHTS
Fig. 18: Back-up Lamps Circuit
Fig. 19: Exterior Lamps Circuit (1 of 3)
Fig. 20: Exterior Lamps Circuit (2 of 3)
Fig. 21: Exterior Lamps Circuit (3 of 3)

GROUND DISTRIBUTION
Fig. 22: Ground Distribution Circuit (1 of 3)
Fig. 23: Ground Distribution Circuit (2 of 3)
Fig. 24: Ground Distribution Circuit (3 of 3)

HEADLIGHTS
Fig. 25: Headlights Circuit

HORN
Fig. 26: Horn Circuit

INSTRUMENT CLUSTER
Fig. 27: Instrument Cluster Circuit

INTERIOR LIGHTS
Fig. 28: Courtesy Lamps Circuit
Fig. 29: Instrument Illumination Circuit

NAVIGATION
Fig. 30: Navigation Circuit

POWER DISTRIBUTION
Fig. 31: Power Distribution Circuit (1 of 4)
Fig. 32: Power Distribution Circuit (2 of 4)
Fig. 33: Power Distribution Circuit (3 of 4)
Fig. 34: Power Distribution Circuit (4 of 4)

POWER DOOR LOCKS
Fig. 35: Power Door Locks Circuit

POWER MIRRORS
Fig. 36: Electrochromic Mirror Circuit
Fig. 37: Power Mirrors Circuit

POWER SEATS
Fig. 38: Driver Heated Seat Circuit
Fig. 39: Driver Power Seat Circuit
Fig. 40: Lumbar Circuit
Fig. 41: Passenger Power Seat Circuit
Fig. 42: Passenger's Heated Seat Circuit

POWER TOP/SUNROOF
Fig. 43: Power Top/Sunroof Circuit

POWER WINDOWS
Fig. 44: Power Windows Circuit

RADIO
Fig. 45: Base Radio Circuit
Fig. 46: Premium Radio Circuit (1 of 2)
Fig. 47: Premium Radio Circuit (2 of 2)
Fig. 48: Satellite Radio Circuit

SHIFT INTERLOCK
2006 Hummer H3 SYSTEM WIRING DIAGRAMS Hummer - H3

- HOT AT ALL TIMES
- BCM FUSE 14 10A
- UNDERHOOD FUSE BLOCK (ABOVE LEFT FRONT WHEEL WELL)
- A7 C1
- B+
- CLASS 2 SERIAL DATA
- SHIFT SOL SUPPLY VOLTAGE
- A47 C1
- PPL 1807
- COMPUTER DATA LINES SYSTEM
- A31 C2
- BRN 2040
- BODY CONTROL MODULE (BEHIND RIGHT FRONT KICK PANEL)
- AUTOMATIC TRANSMISSION FLOOR SHIFT SOLENOID
- A/T SHIFT LOCK CONTROL SOLENOID
- 3 3
- A BLK
- S314
- POWERTRAIN CONTROL MODULE (AT LEFT FRONT SIDE OF ENGINE COMPT)
- G260 (BEHIND LEFT REAR QUARTER TRIM, NEAR WHEEL WELL)

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Fig. 49: Shift Interlock Circuit

STARTING/CHARGING
Fig. 50: Charging Circuit
Fig. 51: Starting Circuit, A/T
Fig. 52: Starting Circuit, M/T

SUPPLEMENTAL RESTRAINTS
Fig. 53: Supplemental Restraints Circuit (1 of 2)
Fig. 54: Supplemental Restraints Circuit (2 of 2)

TRANSMISSION
Fig. 55: A/T Circuit
Fig. 56: Transfer Case Circuit

WARNING SYSTEMS
Fig. 57: Warning Systems Circuit

WIPER/WASHER
Fig. 58: Front Wiper/Washer Circuit
Fig. 59: Rear Wiper/Washer Circuit