

# ***2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL***

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## **Overview**

### **ORGANIZATION**

The Light Duty C/K Full Size Trucks went through a major electrical system change for 2007. This document only addresses the new Utility Trucks. Pickup trucks will not adopt this electrical architecture until later. This document is broke down as follows:

- Systems Operation – How it works
- Component Locator – Where it is
- Connectors & Pinouts – What it looks like, and finally,
- Subsystem Schematics – Detailed wiring and electrical schematic information.

### **WHAT'S NEW FOR THE LIGHT DUTY C/K FULL SIZE TRUCKS MANUAL**

- Only options offered on the Utility are addressed. Options offered on the Pickup and Cut-away are not. Features not included are:
  - PTO
  - Remote Start/Stop
  - Fast Idle
- An Acronym an Abbreviation list used in the Electrical Component Legend, Ground Zone, and Electrical Schematic sections is included.
- Connector Detail and Location Illustrations are provided for many interfaces. Terminal, Cable Seal, and mating connector information have been added where appropriate.
- Detailed Electrical Schematics are provided for all subsystems offered in the Utility Truck.

### **SPECIAL INTEREST TO UPFITTERS**

- Service information is included for Trailer Lighting, Electric Trailer Brake Wiring and, Roof Mounted Beacon (TRW).
- Detailed information is included for adding LED and other Turn Signals.

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## **Navigation**

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## **Viewing**

The size (%) control is located in the lower left corner of the screen. Click the down arrow and select "fit in window" (62%) or "actual size" (100%) for most viewing applications. You can zoom in schematic detail by selecting a larger percentage.

## **Printing**

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Information provided is believed to be accurate at the time of publication. GM reserves the right to change the information at any time.

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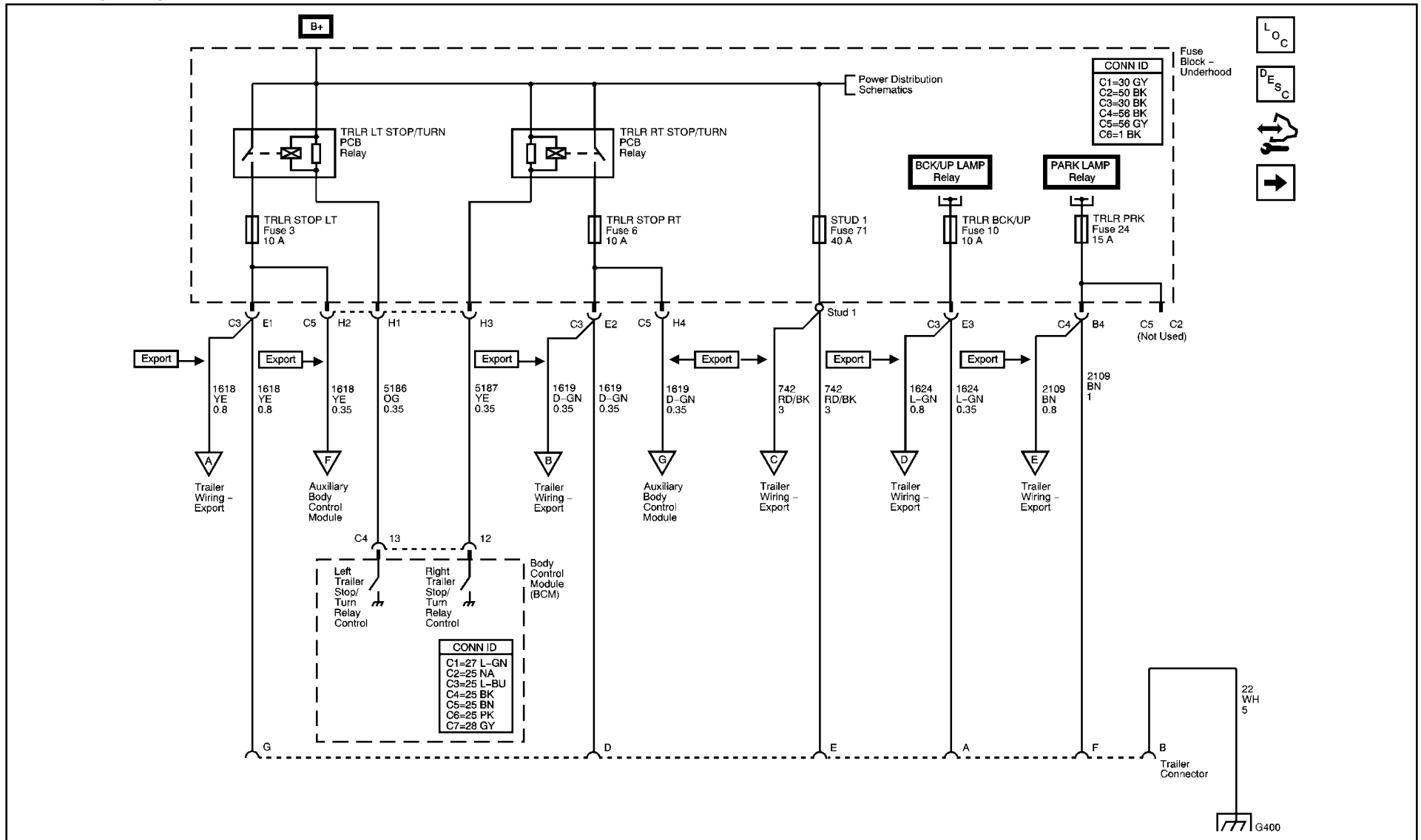
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## System Operating Instructions

### Trailer Lighting

Trailer Lighting Schematic



## Trailer Connector

### Connector Part Information

OEM: 15354653

Service: 15306164

Description: 7-Way F Metri-Pack 280 630 Series Sealed

Pins: B

Terminal/Tray: 12052456/3

Core/Insulation Crimp: TBD

Release Tool/Test Probe: TBD

Pins: A, D, F, G

Terminal/Tray: 12110847/4

Core/Insulation Crimp: C/5

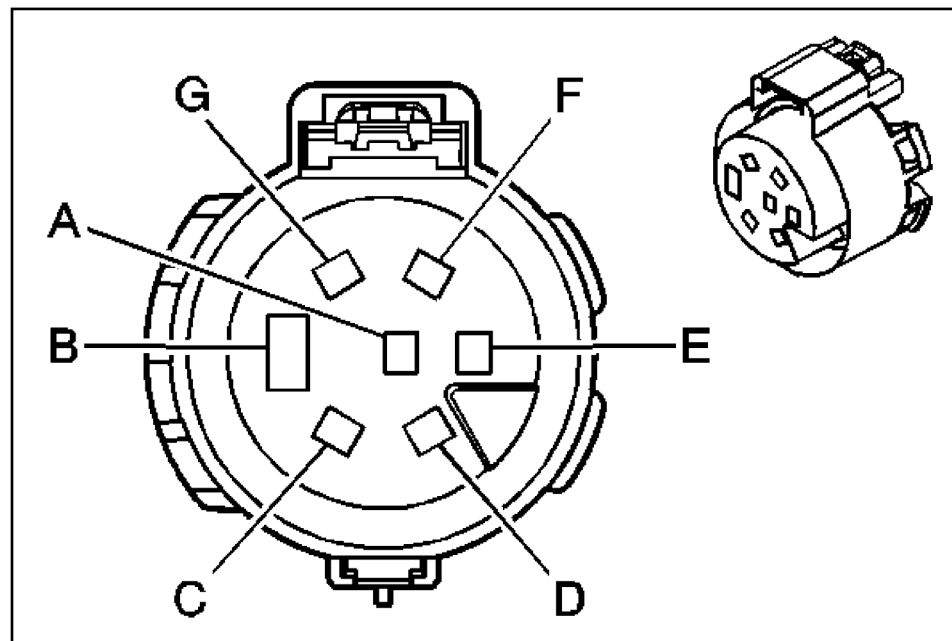
Release Tool/Test Probe: 15315247/J-35616-4A (PU)

Pins: C, E

Terminal/Tray: 12110845/4

Core/Insulation Crimp: F/5

Release Tool/Test Probe: 15315247/J-35616-4A (PU)



Trailer Connector			
Pin	Wire Color	Circuit No.	Function
A	L-GN	1624	Trailer Backup Lamp Supply Voltage
B	WH	22	Ground
C	D-BU	47	Trailer Auxiliary Supply Voltage
D	D-GN	1619	Trailer Right Rear Turn/Stop Lamp Supply Voltage
E	RD/BK	742	Battery Positive Voltage
F	BN	2109	Trailer Park Lamp Supply Voltage
G	YE	1618	Trailer Left Rear Turn/Stop Lamp Supply Voltage

## Electric Trailer Brake Wiring

2007 Cadillac Escalade  
2007 Chevrolet Tahoe  
2007 GMC Yukon

The following diagnosis might be helpful if the vehicle exhibits the symptom(s) described in this PI.

### **Condition/Concern:**

Owners may questions how to connect an electric trailer brake controller or where the brake controller pigtail harness is located.

### **Recommendation/Instructions:**

Starting with the all new 2007 Full Size Utilities there is no longer an electric trailer brake controller pigtail harness. The trailer brake controller wiring is now part of the I/P wiring harness and the blunt cut wires are located under the left IP, behind the DLC. There are four blunt cut wires in this harness which are:

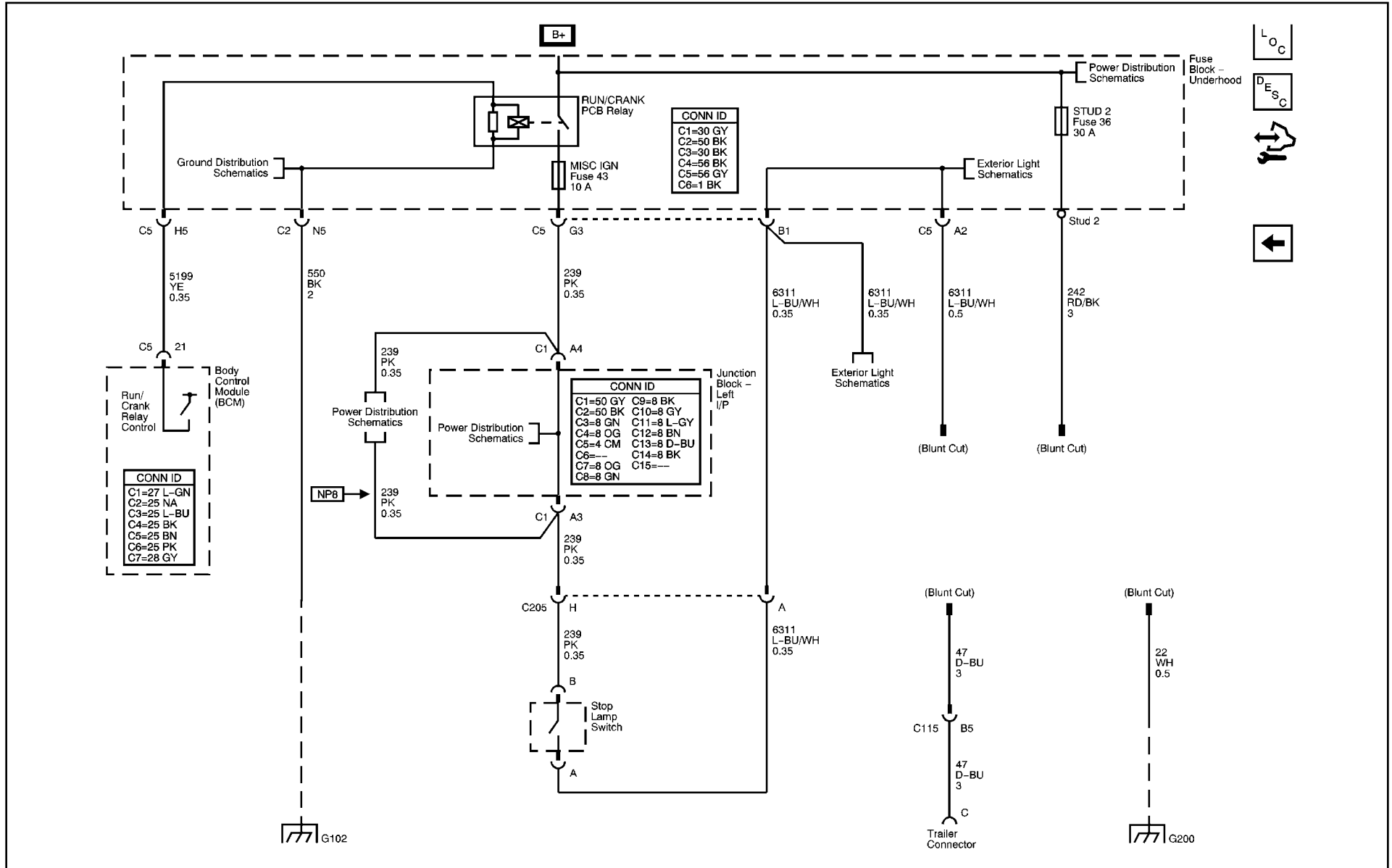
Wire Color	Circuit#	Description	SI Document ID #
Red/Black	242	12 Volt power supply (30A Stud 2)	1706191
Dark Blue	47	Trailer brake output voltage	Not Shown
White	22	Ground	1706250
Light Blue/White	6311	Stop light input	1706473

**Note:** The Red/Black circuit 242 must be connected to Stud 2 30 Amp of the UBEC. The wire is located between the left fender and UBEC. Do not confuse this circuit with 742 (Doc Id 1706191) which is also Red/Black taped to the harness under the master cylinder, which is the 12 volt supply to the 7-way trailer connector and connects to Stud 1 40 Amp.

Please follow this diagnostic or repair process thoroughly and complete each step. If the condition exhibited is resolved without completing every step, the remaining steps do not need to be performed.

## Electric Trailer Brake Wiring

### Electric Trailer Brake Wiring Schematic





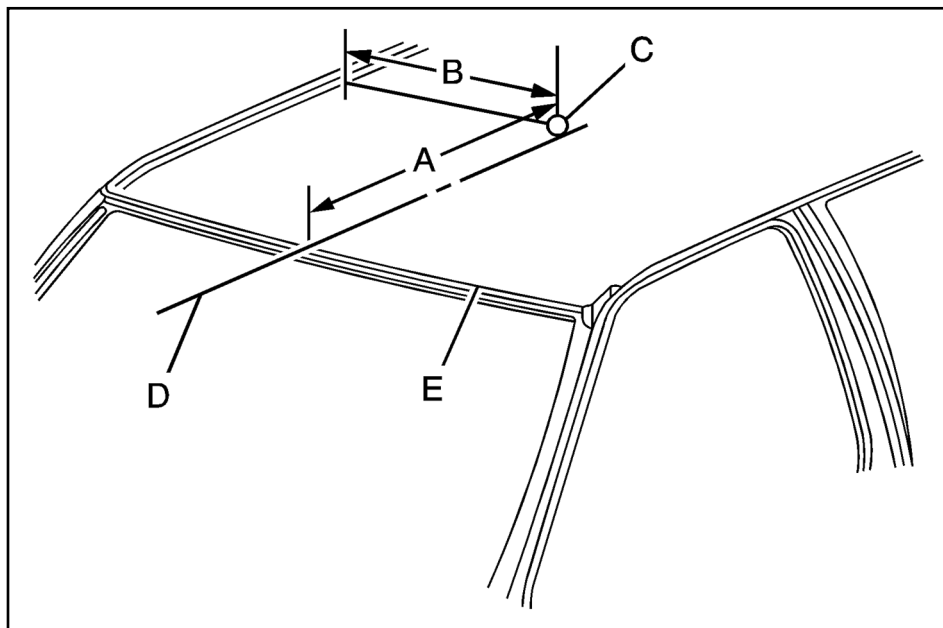
## Roof Mounted Beacon (TRW)

Battery power is supplied through a 30 amp fuse to a wiring harness located in the roof. Power is controlled with a switch located in the overhead console. The customer or vehicle upfitter must complete the installation to an added accessory such as an emergency beacon lamp.

Maximum rated electrical load is 21 amps (250 watts). The added electrical requirements must not exceed 21 amps (250 watts). Running the accessory for long periods of time with the engine off may run the battery down.

### Installation Instructions – Emergency Vehicle Roof Panel Lamp

Wiring to the accessory can be done by either directly connecting the wire in the roof to the accessory (Option A) or by using Wiring Harness Package part number 12150250 obtained from GM Service Parts (Option B).



- A. 25.39 inches (645 mm)
- B. 17.32 inches (440 mm)
- C. 3.94 inches (100 mm)
- D. Roof Centerline
- E. Roof Edge

*Emergency Vehicle Roof Panel Lamp (continued on next page)*

## ***Emergency Vehicle Roof Panel Lamp (continued from previous page)***

1. Disconnect the negative (-) battery cable at the battery.
2. Make the electrical connections using either option A or option B.

**Notice:** Pulling the wiring harness through a panel hole that has sharp edges may cause damage to the wire and/or wire insulation. Remove sharp edges from the panel hole before pulling the wire through it.

### **Option A: Roof Wires Directly to Accessory**

1. Drill a 3/8 inch to 1/2 inch (10 to 13 mm) hole in the outer roof panel in the area shown in the illustration. The hole should only go through the outer panel. Remove all sharp edges from the drilled hole.
2. Remove the inside overhead console access panel/lamp lenses.
3. The accessory harness is coil tied to the passenger's side of the vehicle at the console inner bracket.
4. Cut the tape holding the harness coil.
5. As one person watches the roof hole from the outside for the end of the harness, a second person from the inside of the vehicle should snake the harness toward the hole.
6. Pull out the wiring harness being careful to avoid scraping the insulation on the edge of the hole.
7. Extend the wiring harness to the accessory.
8. Connect the dark green wire to the accessory hot terminal.
9. Connect the black wire to the accessory ground terminal.
10. Cover the hole in the roof with a durable sealant such as silicone rubber sealer.
11. Reinstall the overhead console access panel/lamp lenses.

### **Option B: Use Wiring Harness Package 12150250. Obtain from GM Service Parts through the GM Dealership**

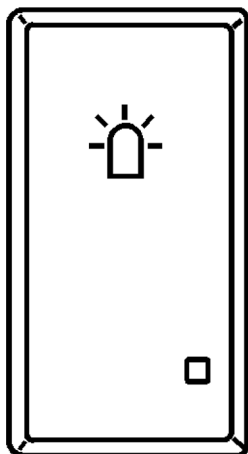
1. Drill a 1.25 inch (32 mm) hole in the outer roof panel in the area shown in the illustration. The hole should only go through the outer panel. Remove all sharp edges from the drilled hole.
2. Remove the inside overhead console access panel/lamp lenses.
3. The accessory harness is coil tied to the passenger's side of the vehicle at the console inner bracket.
4. Cut the tape holding the harness coil.
5. As one person watches the roof hole from the outside for the end of the harness, a second person from the inside of the vehicle should snake the harness toward the hole.
6. Pull out the wiring harness being careful to avoid scraping the insulation on the edge of the hole.
7. Cut the wire to length. Install terminals to wire ends and insert into the connector. The brown wire goes to cavity A and the black wire in cavity B. Push in the secondary lock to retain the wires.
8. Attach the harness assembly from the package to the accessory. Cover with the supplied conduit for added protection. Connect the orange wire to the accessory hot terminal and the black wire to the ground.

***Option B (continued on next page)***

## Option B (continued on next page)

9. Complete the connection from the roof harness to the extension harness. Cover the mated connector with the supplied foam. Push the foam covered connection and excess wire through the roof panel hole.
10. Reinstall the overhead console access panel/lamp lenses.

## Restoring Power



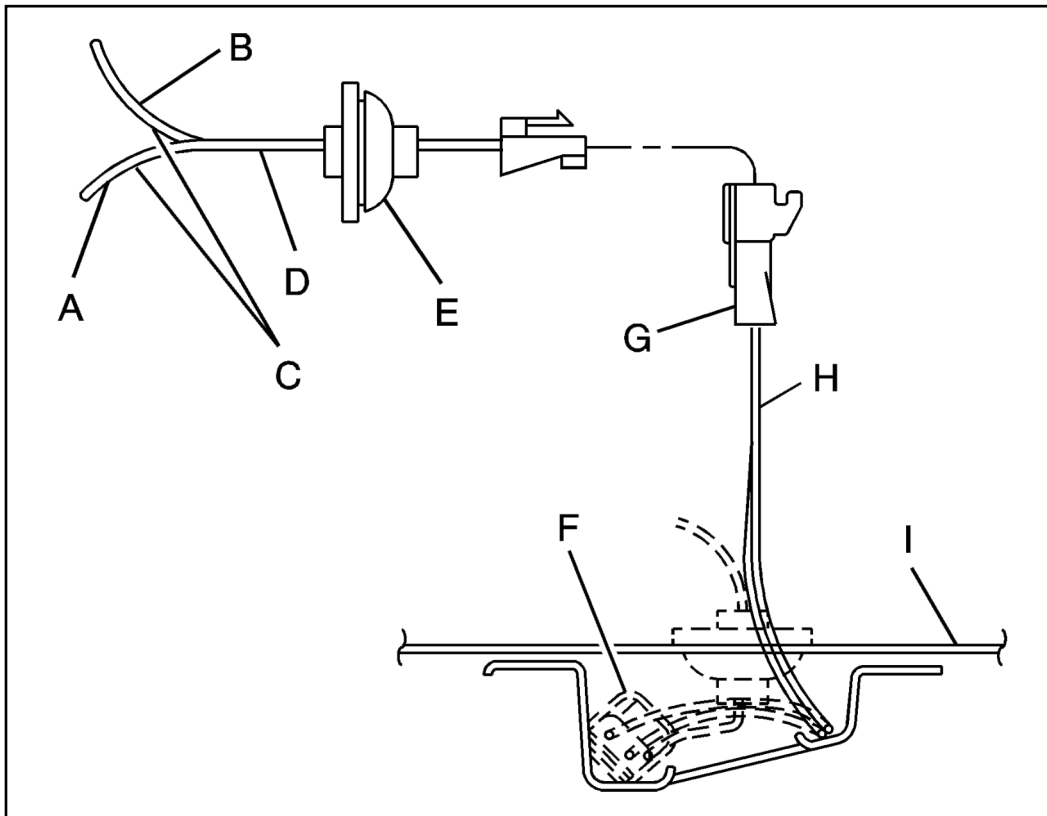
The auxiliary lamp switch is located on the overhead console.

This switch includes wiring provisions for a dealer or a qualified service center to install an auxiliary roof lamp. When the wiring is connected to an auxiliary roof mounted lamp, pressing the bottom of the switch will activate the lamp and illuminate an indicator light at the bottom of the switch. Pressing the top of the switch again will turn off the roof mounted lamp and indicator.

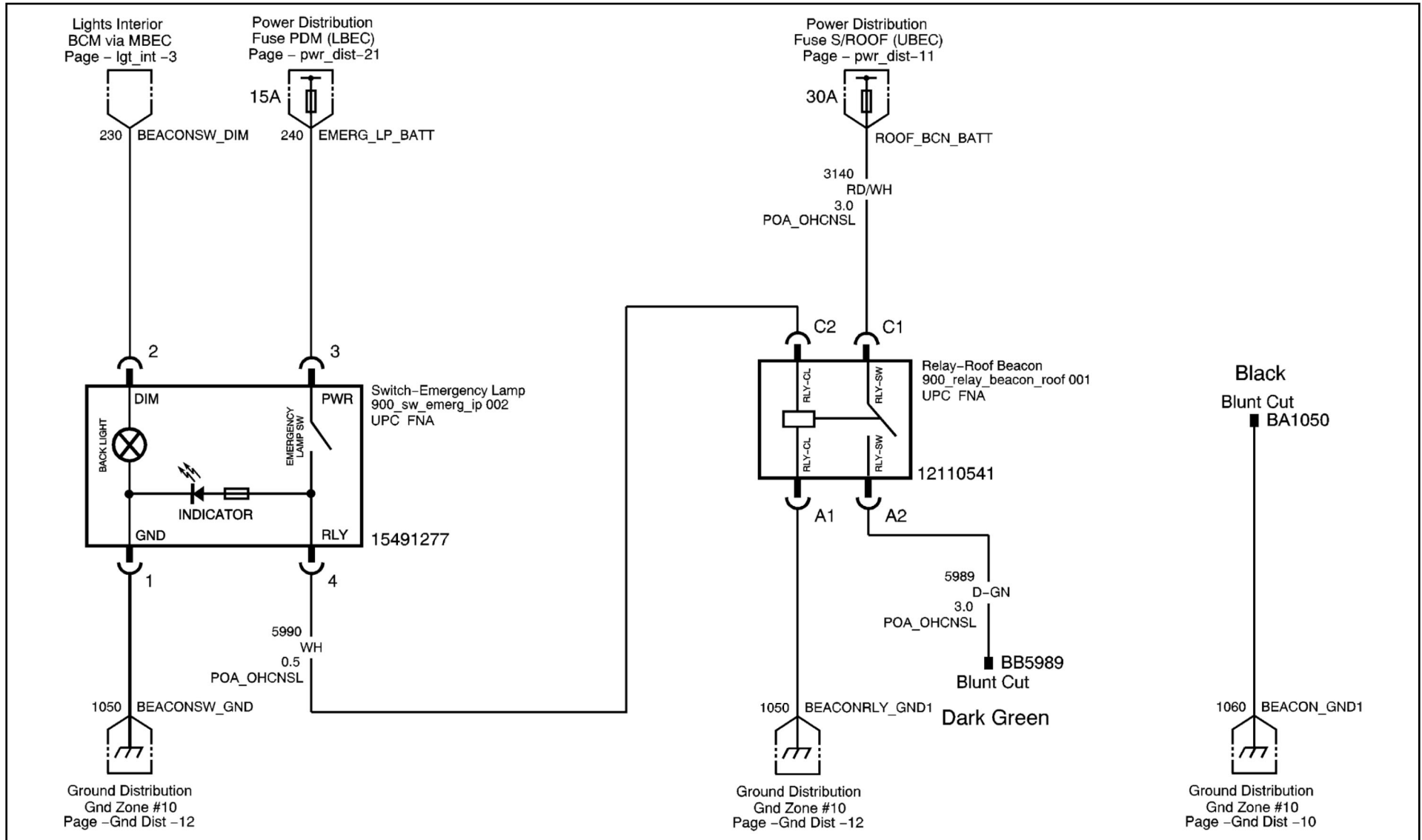
1. Be sure that the auxiliary lamp switch is off.
2. Vacate the vehicle and reconnect the battery cable.
3. Turn the auxiliary lamp switch on. The accessory should now be working. If it is not working, check the connections.
4. After ensuring that the accessory is working properly, install the grommet in the hole. Seal with silicone sealer to prevent water leakage.

**Notice:** Overloading the vehicle's electrical system may damage your vehicle's accessories. Do not overload the vehicle's system by having unnecessary accessories on at the same time.

Figure Option B(c)



- A. Black Wire
- B. Orange Wire
- C. To Roof Mounted Lamp
- D. Harness Assembly
- E. Grommet (Roof)
- F. Foam Insulator (Adhesive-Backed)
- G. Harness Connector, Secondary Lock and Terminal
- H. Brown Black Wire
- I. Vehicle Outer Roof Panel



## Maintenance

The circuit is fed from the #2 post on the underhood electrical center and protected by the fuse labeled #2 post located in the electrical center. Always replace the fuse with a 30 amp maxi-fuse.

## ***Application Notes: LED or Additional Turn Signals***

### ***LED or Additional Turn Signals***

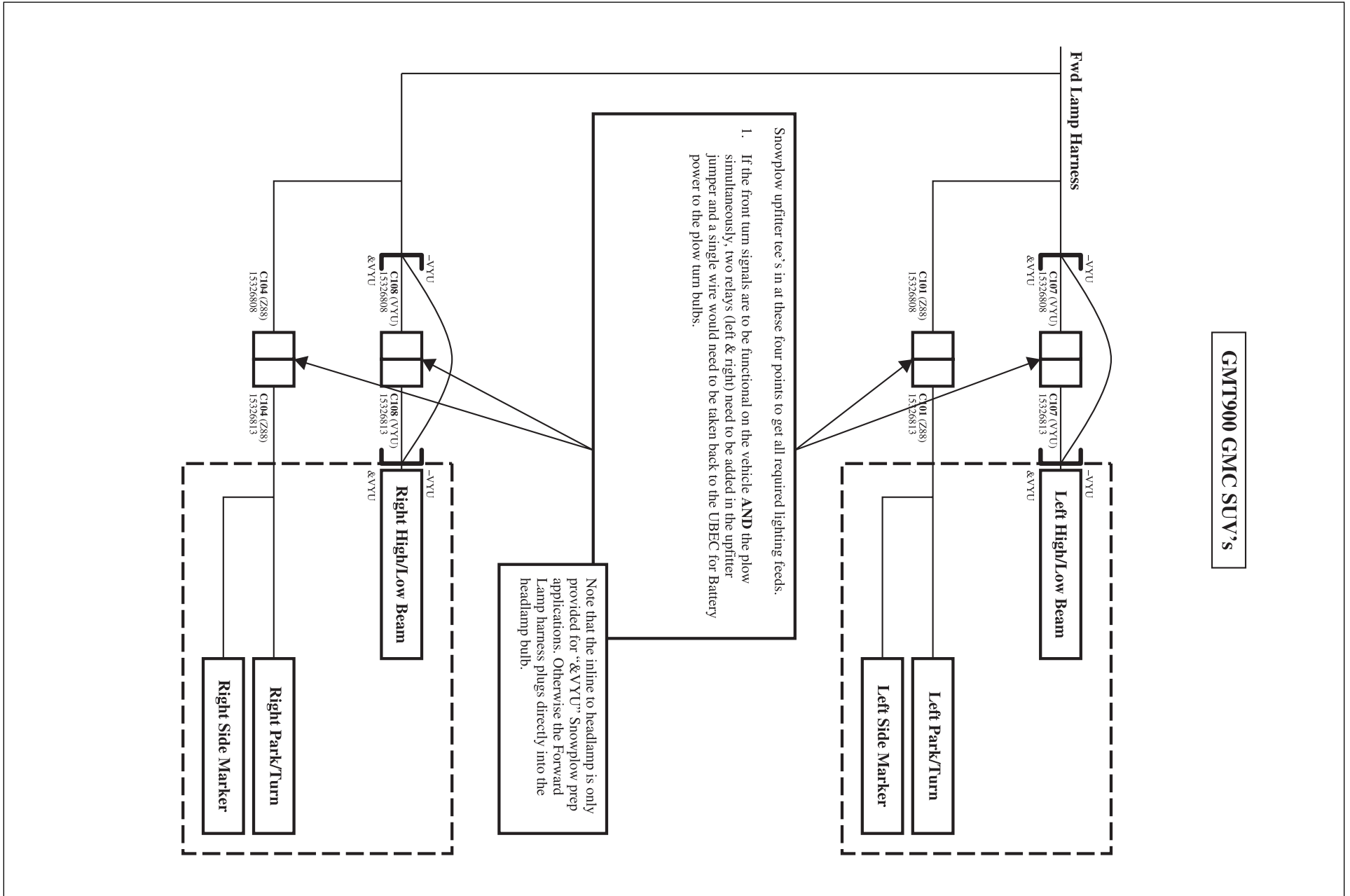
Amber turn lamps on the GMT900 are only used on the front of the vehicle. Rear lamps are combined stop/turn (red). Turn signals are controlled by the BCM. No flasher module is used. Adding additional bulbs will cause the BCM output to shut down resulting in no flashing. Replacing the front turn lamps with LED's will result in a rapid flash rate. This FMVSS required lamp outage detection is due to the change in lamp current through the BCM.

Two relays (left and right) need to be added for additional or LED turn signals. Power for the relays need to go back to the UBEC. Turn signals are available at the forward lamp connectors. Information on these connectors is shown in section C of this manual.

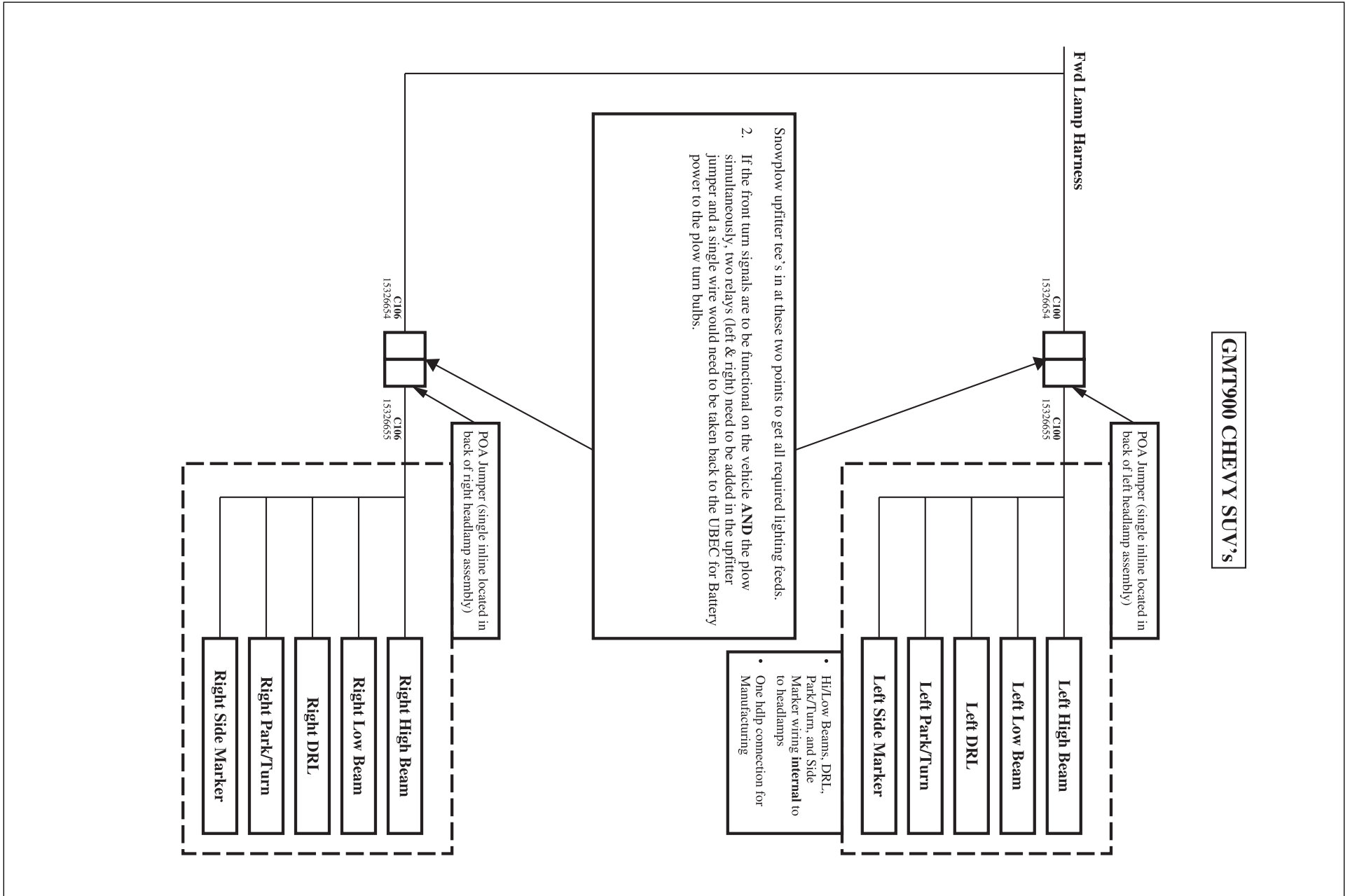
Chevrolet Tahoe and GMC Yukon Utility Forward light circuits use different wiring and connectors. The Chevrolet Utility always has one connector per side. The GMC Utility has a different connector on each side and can have an additional connector for the VYU (Snowplow) option. Requirements for Snowplows are shown. Adding additional lights or LED's have the same vehicle wiring requirements.

**Note:** The truck will not have Lamp (or LED) outage detection. Although the life of high quality LED's are substantially longer than the bulbs they replace, it is the upfitters responsibility for making this modification.

## Additional Turn Signals – GMC Yukon (Z88)



## Additional Turn Signals – Chevrolet Tahoe & Suburban (X88)





***Electrical Component Legend – Utility***

**NO INFORMATION  
AVAILABLE AT TIME  
OF PUBLICATION**

## Support Information – Acronyms

### •Acronyms

- 2WD = Two Wheel Drive
- 4WD = Four Wheel Drive
- A/D = Analog to Digital
- AIR = Air Injection Reaction
- ACCY = Accessory
- AMP = Amplifier or "Current"
- ANLG = Analog
- A/V = Audio/Video
- ABS = Antilock Brake System
- AOS = Auxiliary Occupant Sensing
- ASM = Assembly
- AUX = Auxiliary
- AWD = All Wheel Drive
- BASS = Brake Apply Sensing System
- BATT = Battery
- BCM = Body Control Module
- BEC = Bussed Electrical Center
- BOT = Bottom Of Travel
- CHMSL = Center High Mounted Stop Lamp
- CTSY = Courtesy
- DDM = Driver Door Module
- DIC = Driver Information Center
- DLC = Diagnostic Link Connector
- DLIS = Discrete Logic Ignition Switch
- DOD = Displacement On Demand
- DR = Door
- DRL = Daytime Running Lamps
- DVC = Dual Voice Coil
- DVD = Digital Versatile Disc
- E85 = Ethanol 85%
- EAP = Electric Adjustable Pedals
- ECC = Electronic Climate Control
- ECM = Engine Control Module
- EGR = Exhaust Gas Recirculation
- EHPS = Electro-Hydraulic Power Steering
- EK = Easy Key
- EOSS = Engine Output Speed Sensor
- ESD = Electro Static Discharge
- ETC = Electronic Throttle Control
- EV = Electro-Viscous
- EXP = Export
- EXT = External or Exterior
- FREQ = Frequency
- FRT = Front
- FTP = Flash To Pass
- GMHS = GM High Speed LAN
- GMLS = GM Low Speed LAN
- GND = Ground
- GPM = Glow Plug Module
- GPS = Global Positioning System
- HCM = Hybrid Control Module

### •Acronyms (continued)

- HDI = High Discrete Input
- HDLP = Headlamp
- HID = High Intensity Discharge
- HSD = High Side Drive
- HVSM = Heated/Vented Seat Module
- HVAC = Heat Vent Air Condition
- IAH = Intake Air Heater
- IAT = Intake Air Temperature
- INC DIM = Incandescent Dimming
- IND DIM = Indicator Dimming
- IPC = Instrument Panel Cluster
- IR = Infrared
- ISRVM = Inside Rear View Mirror
- LBEC = Left BEC
- LDI = Low Discrete Input
- LF = Left Front
- LED = Light Emitting Diode
- LED DIM = LED Dimming
- LGM = Liftgate Module
- LH = Left Hand
- LIN = Linear Interconnect Network
- LOMA = Lifter Oil Manifold Assembly
- LPM = Linear Power Module
- LR = Left Rear
- LSD = Low Side Drive
- MAF = Mass Air Flow
- MAP = Manifold Absolute Pressure
- MAT = Manifold Air Temperature
- MBEC = Mid BEC
- MDD = Medium Duty Dual Side Clutch
- MDL = Module
- MOV = Metal Oxide Varistor
- MR = Magneto-Rheological
- MSM = Memory Seat Module
- MTR = Motor
- NC = Normally Closed
- NO = Normally Open
- OSRVM = Outside Rear View Mirror
- PAS or PASS = Passenger
- PCP = Pre-Charge Pump
- PDM = Passenger Door Module
- PD = Pull Down
- POA = Part Of Assembly
- PPM = Pulse Per Minute
- PPS = Pedal Position Sensor
- PRNDL = Park Reverse Neutral Drive Low
- PSIR = Passenger SIR
- PTC = Positive Temperature Coefficient
- PTO = Power Take Off
- PTR = Powertrain Relay
- PU = Pull Up

### •Acronyms (continued)

- PWM = Pulse Width Modulation
- PWR = Power
- R/C = Run/Crank
- RAP = Retained Accessory Power
- RF = Right Front
- RFA = Remote Function Actuator
- RH = Right Hand
- RHBLK = Right Hand Block (Bussing)
- RPO = Regular Product Option
- RR = Right Rear
- RRBLK = Rear Block (Bussing)
- RSA = Rear Seat Audio
- RSE = Rear Seat Entertainment
- RTD = Real Time Damping
- RVC = Regulated Voltage Control
- RWS = Rear Wheel Steer
- SBAT = Switched Battery
- SDARS = Satellite Digital Audio Radio Services
- SDM = Sensing & Diagnostic Module
- SENS = Sensor or Sensing
- SEO = Special Equipment Option
- SIR = Supplemental Inflatable Restraint
- SNRF = Sunroof
- SRC = Source
- STRG = Steering
- SW = Switch
- SWC = Steering Wheel Controls
- TCM = Transmission Control Module
- TISS = Transmission Input Speed Sensor
- TOSS = Transmission Output Speed Sensor
- TOT = Top Of Travel
- TPS = Throttle Position Sensor
- TRLR = Trailer
- TURSS = Turbine Speed Sensor
- TUTD = Tap Up Tap Down
- UBEC = Underhood BEC
- UGDO = Universal Garage Door Opener
- UPA = Ultrasonic Park Assist
- VAR = Variable
- VASS = Vehicle Access & Starting Security
- VHSS = Variable Height Suspension System
- VNC = Vehicle Noise Control
- VSES = Vehicle Stability Enhancement System
- WFHS = Washer Fluid Heating System
- WIF = Water In Fuel
- WUA = Wake Up Analog
- WUD = Wake Up Dual Edge
- WUF = Wake Up Falling Edge
- WUR = Wake Up Rising Edge
- XCVR = Transceiver

#### Preface: Support Information

Preliminary 07 GMT900 1\_07\_0\_info REVISION STAGE VERSION LAST CHANGED BY 11:43:47 am ORGANIZATION USAGE  
 Panel Set: 1 of 4 schematic sheet 5 SIVEDWORK/1\_07\_0\_info\_013 SSF 1 GMT900

Thursday, December 22, 2005

GM Proprietary

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Support Information – Miscellaneous & Vehicles by RPO

### •Miscellaneous Information

- C = 2WD
- K = 4WD
- 03 = Regular Cab Pickup
- 43 = Crew Cab Pickup
- 53 = Extended Cab Pickup
- 06 = Utility (Both 706 & 906)
- 706 = Regular Utility
- 906 = Large Utility
- 36 = Ultimate Utility Vehicle (UUV)
- 10 = Series (Pickup/Utility/UUV)
- 20 = Series (Pickup/Utility/UUV)
- 30 = Series (Pickup)
- 31 = Series (Cab Chassis)

### •900 Numbers

- 901 - Light Duty Pickups - Chevy Silverado
- 902 - Light Duty Pickups - GMC Sierra, (GMC Sierra Denali?)
- 911 - Heavy Duty Pickups - Chevy Silverado
- 912 - Heavy Duty Pickups - GMC Sierra, (GMC Sierra Denali?)
- 921 - Utility - Chevrolet Tahoe
- 922 - Utility - GMC Yukon, (GMC Yukon Denali?)
- 926 - Utility - Cadillac Escalade
- 931 - Large Utility - Chevrolet Suburban
- 932 - Large Utility - GMC Yukon XL, (GMC Yukon Denali XL?)
- 936 - Large Utility - Cadillac Escalade ESV
- 941 - Sport Utility Truck - Chevrolet Avalanche
- 946 - Sport Utility Truck - Cadillac Escalade EXT

### •Vehicles by RPO

- 03/43/53 = Chevrolet Silverado / GMC Sierra / GMC Sierra Denali
- 03/43/53&X88 = Chevrolet Silverado
- 03/43/53&Z88 = GMC Sierra / GMC Sierra Denali (43 Only)
- 06 = Cadillac Escalade / Cadillac Escalade ESV / Chevrolet Tahoe / Chevrolet Suburban / GMC Yukon / GMC Yukon Denali / GMC Yukon XL / GMC Yukon Denali XL
- 06&X88 = Chevrolet Tahoe / Chevrolet Suburban
- 06&Z75 = Cadillac Escalade / Cadillac Escalade ESV
- 06&Z88 = GMC Yukon / GMC Yukon Denali / GMC Yukon XL / GMC Yukon Denali XL
- 06&Z88&Y91 = GMC Yukon Denali / GMC Yukon Denali XL
- 36 = Chevrolet Avalanche / Cadillac Escalade EXT
- 36&X88 = Chevrolet Avalanche
- 36&Y91/Z75 = Cadillac Escalade EXT
- 43&Y91 = GMC Sierra Denali
- 43&Y91&Z88 = GMC Sierra Denali
- 706 = Cadillac Escalade / Chevrolet Tahoe / GMC Yukon / GMC Yukon Denali
- 706&X88 = Chevrolet Tahoe
- 706&Y91 = Cadillac Escalade / GMC Yukon Denali
- 706&Y91&Z88 = GMC Yukon Denali
- 706&Z75 = Cadillac Escalade
- 706&Z88 = GMC Yukon / GMC Yukon Denali
- 906 = Cadillac Escalade ESV / Chevrolet Suburban / GMC Yukon XL / GMC Yukon Denali XL
- 906&X88 = Chevrolet Suburban
- 906&Y91 = Cadillac Escalade ESV / GMC Yukon Denali XL
- 906&Y91&Z88 = GMC Yukon Denali XL
- 906&Z75 = Cadillac Escalade ESV
- 906&Z88 = GMC Yukon XL / GMC Yukon Denali XL

### Preface: Support Information

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# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

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## Support Information – Regular Production Option (RPOs)

### •RPOs

- 03 = Regular Cab Pickup
- 06 = Utility (Applicable to both 706 & 906)
- 36 = Ultimate Utility Vehicle (UUV)
- 43 = Crew Cab Pickup
- 53 = Extended Cab Pickup
- 706 = Regular Utility
- 906 = Large Utility
- 5W4 = Special Service Package (4WD Police Package)
- (5W4 contains 6J1, 6J3, 6J4, 6J7, 7X6, 7X7, 9G8, TRW, WX7 & optionally 8Y9)
- 5X7 = Provisions - Wrecker Emergency Lamp (SEO)
- 5Y0 = Wiring Provisions Body Builder Emergency Lamp (SEO)
- 6J1 = Power Supply, 100Amp at Dash and Rear Compartment
- 6J3 = Wiring Provisions, Grill Lamp & Speakers
- 6J4 = Wiring Provision, Horn/Siren
- 6J7 = Wiring Provision, Head Lamp & Tail Lamp Flasher
- 7X6 = Spot Lamp, LH
- 7X7 = Spot Lamp, LH & RH
- 7Z1 = Horn - Dual Hight Note (SEO)
- 8B0 = Dual Battery, 600 CCA & 770 CCA (SEO)
- 8S3 = Alarm B/U Electrical 97 Decibels (SEO)
- 8S8 = Wiring Provisions Odometer Security (SEO) {Unused?}
- 8X5 = Generator 105 Amp, Dual (SEO) (w/o YF2)
- 8Y9 - Dual Battery, 770 CCA
- 9G8 = DRL Delete
- 9L4 = Wiring Provisions 12V Power Supply
- A31 = Window, Electric Operated, Side
- A48 = Window RR Full Width, Sliding, Power
- ABV = Window Power Operated, RR Side Access Drs
- AG1 = Driver Power Seat
- AG2 = Passenger Power Seat
- AL0 = Auxiliary Occupant Sensing (AOS)
- AN3 = Memory Driver Seat & Passenger Seats
- AP3 = Lock Control, Entry Remote, Keyless Entry, Start
- AP8 = Lock Control, Entry Remote Entry, Extended Range (Remote Start Ready)
- ARS = Power Fold & Tumble 2nd Row Seats
- AS3 (with ASF) = Third Row Roof Rail Airbags
- ASF = Restraint Roof Side, LH & RH, Inflatable
- AU0 = Lock Control Remote Entry
- AU3-YE9 = Base Power Locks
- AZ3 = 40/20/40 Split Front Seat (with APO)
- BRS = Steps, Runningboard Side, Retractable, Power
- C25 = Wiper/Washer System, Rear Window
- C36 = Heater Auxiliary
- C42 = Manual Heater Only
- C49 = Rear Window Defog
- C67 = HVAC System Air Conditioning FRT Electronic Controls
- C69 = HVAC System RR Air Conditioner
- C99 = Switch Infl Rst I/P Mdl Man Suppression
- CE1 = Wiper System Windshield, Pulse, Moisture Sensitive

### •RPOs (continued)

- CF5 = Roof Sun, Glass, Sliding, Elec
- CJ2 = Dual HVAC System Auto Temp Cont
- CJ3 = Dual HVAC System Man Temp Cont
- D07 = Console Frt Compt, Floor, Custom
- DBL2751 = 2751 Double Ring Terminal
- DF5 = Mirror I/S R/V Electrochromic, Compass, O/S Temp Display
- DH6 = Mirror I/S, Visor Vanity, LH & RH Sunshade (ILLUM)
- DL3 = Mirror O/S LH & RH, Rem Cont, Elec, Heat, Pwr Fold, Turn Sig, Electrochromic
- DL8 = Mirror O/S LH & RH, Rem Cont, Elec, Heated, Manual Fold
- DNU = Equipment, Additional DVD Screen
- DPN = Mirror O/S LH & RH, Rem Cont, Elec, Heat, Turn Sig, Puddle
- DR4 = OSRVM, Electric, Heated, Light Sensitive, Power Folding, Turn Signal (Export?)
- E52 = One Piece Lift Gate With Lift Glass
- E61 = Door RR Liftgate, Power
- EVA = Evap Emission
- EXPORT = European Export Content (awaiting RPO)
- G69 = Level Control Auto, Air, HD
- HVY = Heavy Duty Models (20HD, 30, 31)
- (-HVY) = Light Duty Models (10, 20LD)
- JF3 = Brake System, Vacuum, ABS Controls, 7,000 Lbs
- JF4 = Pedals Adjustable, Power
- JF7 = Brake System, Vacuum, ABS Controls, 6,400 Lbs
- JH6 = Brake Hyd Power, 4 Whl Disc, 9,900 Lbs
- JH7 = Brake Hyd Power, 4 Whl Disc, 12,300 Lbs
- JL4 = Control Active Brake (VSES)
- K18 = Reactor System Air Injection, Electric
- K34 = Cruise Control, Electric
- K65 = Generators 105 Amp, Dual
- KA6 = Heater Seat, Rear
- KA9 = Heater Steering Wheel
- KB6 = Heater Seat, Cooling, Frt
- L76 = 6.0L V8 Gasoline Engine (Aluminum - DOD)
- L92 = 6.0L V8 Gasoline Engine (Aluminum - DOD)
- LC9 = 5.3L V8 E85 Engine (Aluminum - DOD)
- LH6 = 5.3L V8 Gasoline Engine (Aluminum - DOD)
- LML = 6.6L V8 Diesel Engine, Duramax (Iron - Turbo)
- LMF = 5.3L V8 E85 Engine (Iron)
- LMG = 5.3L V8 Gasoline E85 Engine (Iron - DOD)
- LMM = 6.6L V8 Diesel Engine, Duramax (Iron - Dual Turbo)
- LU3 = 4.3L V6 Gasoline Engine (Iron)
- LY2 = 4.8L V8 Gasoline Engine (Iron)
- LY5 = 5.3L V8 Gasoline Engine (Iron - DOD)
- LY6 = 6.0L V8 Gasoline Engine (Iron)
- M30 = Transmission Auto 4 Speed, HMD, 4L60E, Electronic
- M70 = Transmission Auto 4 Spd, HMD, 4L70-E, Super Duty
- M96 = Transmission Manual 5 Speed, O/D
- MW7 = Transmission Auto 5 Speed, Allison LCT, O/D, Conv Clutch
- MYC = Transmission Auto 6 Speed, HMD, 6L80
- MYD = Transmission Auto 6 Speed, HMD, 6L90

### Preface: Support Information

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## Support Information – Regular Production Option (RPOs) - (continued)

### •RPOs (continued)

- (-NQZ) = Dual Fuel Tanks {NQZ = 18 Gal Fuel Tank Delete}
- NQF = Transfer Case Electric Shift Cont, Two Speed, Alum
- NQG = Transfer Case Manual Shift Cont, Two Speed, Alum
- NQH = Transfer Case Active, Two Speed, Push Button Control, Alum
- PPV = Police Package (2WD)
- (PPV contains 6J1, 6J3, 6J4, 6J7, 7X6, 7X7, 9G8, TRW, WX7, VSES Delete & optionally 8Y9)
- PTO = Provisions Power Take Off Controls
- R05 = Dual Rear Wheels
- SERIES10 = 10 Series (Pickup/Utility/UUV)
- SERIES20 = 20 Series (Pickup/Utility/UUV)
- SERIES30 = 30 Series (Pickup)
- SERIES31 = 31 Series (Cab Chassis)
- SPLSVRLS = Low Speed GMLAN Splice Saver
- T61 = Daytime Running Lamps
- T79 = Lamp Fog, Rr
- T96 = Lamp Fog, Frt
- TP2 = Auxiliary Battery
- TQ5 = Control Intelligent High Beam
- TR2 = Lamp Side Repeater (Export)
- TRW = Provisions - Roof Mount Emergency Lamp
- TZ0 = Transmission Manual 5 Speed, O/D
- U01 = Lamp Five, Roof Marker, Truck
- U2K = Digital Audio System S-Band (SDARS)
- U3R = Radio AM/FM Stereo, WX, Seek/Scan, CD, DVD, Nav, Clock, DSP, RDS, w/Voice Rec Micro (Cadillac)
- U3U = Radio AM/FM Stereo, Seek/Scan, DVD, CD, Clock ETR, Navigation, Voice Rec, MP3 (Chevy/GMC)
- U42 = Entertainment System Rear Seat (DVD)
- U84 = Antenna Body Side Window, Radio
- UA6 = Theft Deterrent System (Export)
- UD7 = Sensor Indicator Rear Parking Assist (Ultrasonic)
- UE1 = OnStar Remote
- UG1 = Opener Garage Door, Universal
- UJ6 = Indicator Low Tire Press
- UK3 = Electronic System Steering Wheel Accessory Controls
- UK6 = Radio Control Rear Seat & Earphone Jacks (Only Available with UQA/UQS)
- UL5 = Radio Delete
- UQ3 = Uplevel Speaker Package
- UQ5 = Base Speaker Package
- UQA-Y91 = Premium Non-Luxury Speaker System (6-Channel Bose)
- UQA&Y91 = Premium Luxury Speaker System (9-Channel Bose)
- UQS = Premium Luxury Speaker System (9-Channel Bose with Surround)
- UVB = Radio AM/FM Stereo, Seek/Scan, Auto Tone, CD, CD-R MP3, DVD, Nav, Clock, ETR, RDS (Chevy/GMC Non-Luxury)
- UVC = Camera Rear View
- UY2 = Wiring Provisions Camper & 5th Wheel Trailer
- UY7 = Wiring Harness Truck Trailer, HD
- VYU = Provisions Snow Plow
- WX7 = Speaker Wiring Provision

### •RPOs (continued)

- X88 = Chevrolet
- XA7 = Washer Nozzles, Heated, Windshield (WFHS)
- Y91 = Luxury Trim (Includes YE9)
- YE9 = Uplevel Trim
- (-YE9) = Base Trim
- YF2 = Sales Package Ambulance Upfitter (Generators, Lighting)
- Z49 = Export Canadian Modif Mandatory Base Equipment
- Z55 = Chassis Package Bi-State Real Time Damping
- Z75 = Cadillac
- Z82 = Trailer Provisions Special Equipment, H.D.
- Z88 = GMC

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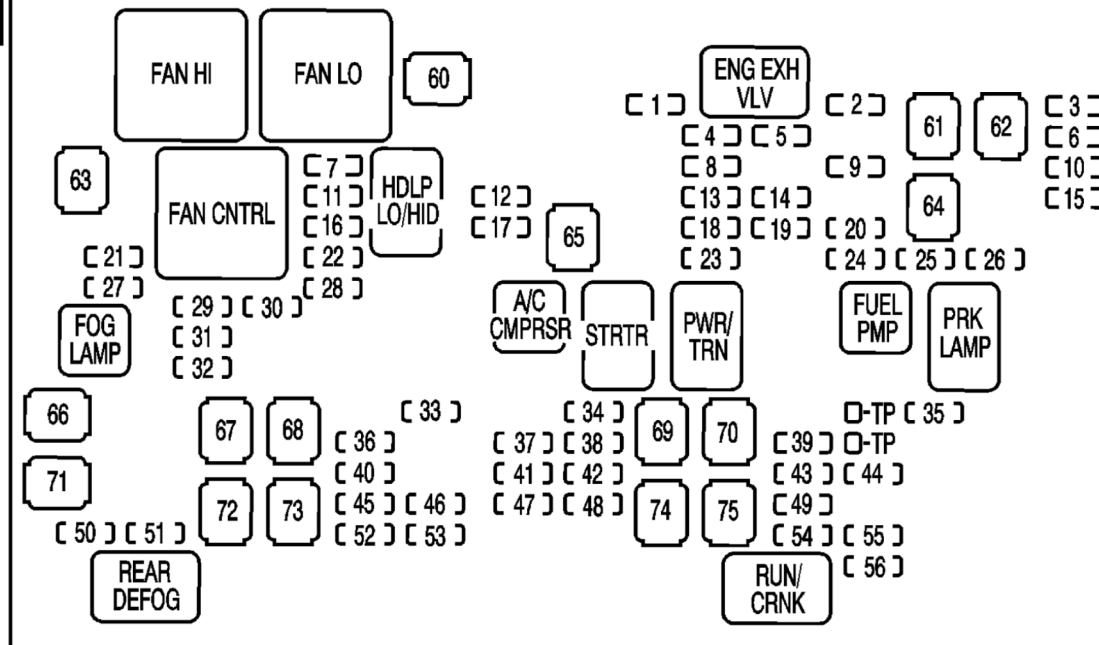
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## Power Distribution Centers: Underhood Fuse Block

### MINI FUSES MINI-FUSIBLES



- 1 - EXH VLV (30A)
- 2 - ESC/ALC EXH (30A)
- 3 - TRLR STOP LT (10A)
- 4 - ENG (15A)
- 5 - ECM/THROT CONT (15A)
- 6 - TRLR STOP RT (10A)
- 7 - FRT WASH (15A)
- 8 - 02-B SNSR (10A)
- 9 - ABS 2 (25A)
- 10 - TRLR BCK/UP (10A)
- 11 - LO HDLP-LT (20A)
- 12 - ECM-BATT (10A)
- 13 - INJ-B (20A)
- 14 - TCM-BATT (10A)
- 15 - VEH BCK/UP (10A)
- 16 - LO HDLP-RT (20A)
- 17 - A/C COMPRSR (10A)
- 18 - 02-A SNSR (10A)
- 19 - TRANS IGN 1 (15A)
- 20 - FUEL PUMP (20A)
- 21 - HEADLAMP WASH (20A)
- 22 - REAR WASH (15A)
- 23 - INJ-A (20A)
- 24 - TRLR PRK (15A)
- 25 - LT PRK (15A)
- 26 - RT PRK (15A)
- 27 - FOG LAMP (15A)
- 28 - HORN (15A)
- 29 - HI HEADLAMP-RT (10A)
- 30 - DRL (15A)
- 31 - HI HEADLAMP-LT (10A)
- 32 - DRL 2 (15A)
- 33 - S/ROOF (30A)



- 34 - DLIS (2A)
- 35 - WPR (25A)
- 36 - SEO B2 (30A)
- 37 - EAP (15A)
- 38 - HVAC BATT (10A)
- 39 - AIRBAG IGN (10A)
- 40 - AMP (30A)
- 41 - RDO (15A)
- 42 - FWD (15A)
- 43 - MISC IGN (10A)
- 44 - L/GATE RELSE (15A)
- 45 - INFO (15A)
- 46 - IPC (10A)
- 47 - EXP/PTO (15A)
- 48 - HTD STR/WHL (10A)
- 49 - AUX HVAC-IGN (10A)
- 50 - REAR DEFOG (30A)
- 51 - AIRBAG BATT (15A)
- 52 - SEO B1 (15A)
- 53 - LTR (20A)
- 54 - SEO/ALC (10A)
- 55 - HVAC-IGN (10A)
- 56 - ECM-IGN (15A)

### J-CASE FUSES FUSIBLES JCASE



- 60 - FAN-1 (40A)
- 61 - ALC/COMP (40A)
- 62 - HEAVY DUTY ABS (60A)
- 63 - FAN-2 (40A)
- 64 - ABS-1 (40A)
- 65 - STRTR (40A)
- 66 - STUD-2 (30A)
- 67 - LBEC1 (60A)
- 68 - ELEC RUN BOARD (30A)
- 69 - WFHS (60A)
- 70 - TREC (30A)
- 71 - STUD-1 (40A)
- 72 - MBEC1 (60A)
- 73 - HVAC BLWR (40A)
- 74 - LGM (30A)
- 75 - LBEC2 (60A)



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# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Power Distribution Centers: Underhood Fuse Block

Fuse	Device	Rating	Description
#1	EXH VLV	30A	Not Used
#2	ESC/ALC EXH	30A	Automatic Level Control (ALC) Compressor (G69), Electronic Suspension Control (ESC) Module (Z55)
#3	TRLR STOP LT	10A	Trailer Wiring, Auxiliary Body Control Module (XBCM) (Export)
#4	ENG	15A	Evaporative Emissions (EVAP) Canister Purge Solenoid Valve, Mass Air Flow (MAF)/Intake Air Temperature (IAT) Sensor, Valve Lifter Oil Manifold (VLOM) Assembly (DOD)
#5	ECM/THROT CONT	15A	Engine Control Module (ECM)
#6	TRLR STOP RT	10A	Trailer Wiring, Auxiliary Body Control Module (XBCM) (Export)
#7	FRT WASH	15A	Windshield Washer Fluid Pump
#8	O2-B SNSR	10A	Heated Oxygen Sensor (HO2S) Bank 1 Sensor 2, Heated Oxygen Sensor (HO2S) Bank 2 Sensor 2
#9	ABS 2	25A	Electronic Brake Control Module (EBCM)
#10	TRLR BCK/UP	10A	Trailer Wiring
#11	LO HDLP-LT	20A	Headlamp-Left (Z88), Headlamp-Low Beam-Left (X88), Headlamp Ballast-Left (Z75)
#12	ECM-BATT	10A	Engine Control Module (ECM)
#13	INJ-B	20A	Fuel Injector 2, Fuel Injector 4, Fuel Injector 6, Fuel Injector 8, Ignition Coil 2, Ignition Coil 4, Ignition Coil 6, Ignition Coil 8
#14	TCM-BATT	10A	Evaporative Emissions (EVAP) Canister Vent Solenoid Valve, Transmission Control Module (TCM)
#15	VEH BCK/UP	10A	Backup Lamp-Left, Backup Lamp-Right
#16	LO HDLP-RT	20A	Headlamp-Right (Z88), Headlamp-Low Beam-Right (X88), Headlamp Ballast-Right (Z75)
#17	A/C CMPRSR	10A	A/C Compressor Clutch
#18	O2-A SNSR	10A	Heated Oxygen Sensor (HO2S) Bank 1 Sensor 1, Heated Oxygen Sensor (HO2S) Bank 2 Sensor 1
#19	TRANS IGN 1	15A	Transmission Control Module (TCM), 1-2 Shift Solenoid (1-2 SS) Valve, 2-3 Shift Solenoid (2-3 SS) Valve, 3-2 Shift Solenoid (3-2 SS) Valve (M30/M70), Torque Converter Clutch (TCC) Solenoid Valve (M30/M70), Torque Converter Clutch Pulse Width Modulation (TCC PWM) Solenoid Valve
#20	FUEL PUMP	20A	Fuel Pump and Sender Assembly-Primary
#21	HEADLAMP WASH	20A	Headlamp Washer Relay (CE4)
#22	REAR WASH	15A	Rear Window Washer Fluid Pump (E52)
#23	INJ-A	20A	Fuel Injector 1, Fuel Injector 3, Fuel Injector 5, Fuel Injector 7, Ignition Coil 1, Ignition Coil 3, Ignition Coil 5, Ignition Coil 7
#24	TRLR PRK	15A	Trailer Wiring
#25	LT PRK	15A	License Lamp-Left, License Lamp-Right, Marker Lamp-LF, Park/Turn Signal Lamp-LF (X88/Z88), Park Lamp-LF (Z75), Tail Lamp Circuit Board-Left (Z75 w/E52), Marker Lamp-LR (Except Z75 w/E52), Tail/Stop and Turn Signal Lamp-Lower Left (Except Z75 w/E52), Tail/Stop and Turn Signal Lamp-Upper Left (Except Z75 w/E52)
#26	RT PRK	15A	Tail Lamp Circuit Board-Right (Z75 w/E52), Marker Lamp-RF, Park Lamp-RF (Z75), Park/Turn Signal Lamp-RF (X88/Z88), Tail/Stop and Turn Signal Lamp-Lower Right (Except Z75 w/E52), Tail/Stop and Turn Signal Lamp-Lower Right (Except Z75 w/E52), Marker Lamp-RR (Except Z75 w/E52)
#27	FOG LAMP	15A	Fog Lamp-LF (T96), Fog Lamp-LF (T96)
#28	HORN	15A	Horn-Left, Horn-Right
#29	HI HEADLAMP-RT	10A	Headlamp-Right (Z88), Headlamp-High Beam-Right (X88/Z75)
#30	DRL	15A	Daytime Running Lamp (DRL)-Left (Z75/X88), Daytime Running Lamp (DRL)-Right (Z75/X88), DRL 2 Fuse (Z88)
#31	HI HEADLAMP-LT	10A	Headlamp-Left (Z88), Headlamp-High Beam-Right (X88/Z75)
#32	DRL 2	15A	LO HDLP-LT Fuse (Z88), LO HDLP-RT Fuse (Z88)
#33	S/ROOF	30A	Sunroof Module (CF5), Roof Beacon Relay (5G4)
#34	DLIS	2A	Ignition Switch, Theft Deterrent Module (TDM)

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## Power Distribution Centers: Underhood Fuse Block (continued)

Fuse	Device	Rating	Description
#35	WPR	25A	Wiper 1 PCB Relay
#36	SEO B2	30A	Not Used
#37	EAP	15A	PARK ENABLE Relay, ELECTRONIC ADJUSTABLE PEDALS Relay, Folding Seat Switch–Front (ARS), Folding Seat Switch–LR (ARS), Folding Seat Switch–RR (ARS), I/P Multifunction Accessory Switch
#38	HVAC BATT	10A	HVAC Control Module
#39	AIRBAG IGN	10A	Inflatable Restraint Sensing and Diagnostic Module (SDM), Inflatable Restraint Passenger Air Bag ON/OFF Indicator
#40	AMP	30A	Audio Amplifier (UQA/UQS)
#41	RDO	15A	Analog Clock (Z75), Digital Radio Receiver (U2K), Radio, Rear Seat Audio (RSA) Controller (UK6)
#42	FWD	15A	Front Axle Actuator (NP8)
#43	MISC IGN	10A	Auxiliary Body Control Module (XBCM) (Export), Climate Control Seat Module (KB6), Stop Lamp Switch, Transfer Case Shift Control Switch (NP8), Rearview Camera Module (UVC)
#44	L/GATE RELSE	15A	Liftgate Latch Assembly (E52)
#45	INFO	15A	Front Video Display (U42), Rear Video Display (DNU), Vehicle Communication Interface Module (VCIM) (UE1)
#46	IPC	10A	Body Control Module (BCM), Instrument Panel Cluster (IPC)
#47	EXP/PTO	15A	Auxiliary Body Control Module (XBCM) (Export)
#48	HTD STR/WHL	10A	Heated Steering Wheel Module (KA9)
#49	AUX HVAC-IGN	10A	Instrument Panel Cluster (IPC), Inside Rearview Mirror (ISRV), Mode Actuator–Auxiliary, Temperature Actuator–Auxiliary
#50	REAR DEFOG	30A	Defogger Grid
#51	AIRBAG BATT	15A	Inflatable Restraint Passenger Presence System (PPS) Module, Inflatable Restraint Sensing and Diagnostic Module (SDM), Inflatable Restraint Vehicle Rollover Sensor (ASF)
#52	SEO B1	15A	Auxiliary Body Control Module (XBCM) (Export)
#53	LTR	20A	Auxiliary Power Outlet–Front 1, Data Link Connector (DLC)
#54	SEO/ALC	10A	Automatic Level Control (ALC) Compressor Relay (G69)
#55	HVAC-IGN	10A	Air Temperature Actuator–Left, Air Temperature Actuator–Right, Mode Actuator, Recirculation Actuator
#56	ECM-IGN	15A	Engine Control Module (ECM), Fuel Pump Relay–Secondary (Except NQZ)
#60	FAN-1	40A	FAN LO PCB Relay
#61	ALC/COMP	40A	Automatic Level Control (ALC) Compressor Relay (G69)
#62	HEAVY DUTY ABS	60A	Electronic Brake Control Module (EBCM)
#63	FAN-2	40A	FAN HI PCB Relay
#64	ABS-1	40A	Electronic Brake Control Module (EBCM)
#65	STRTR	40A	Starter
#66	STUD-2	30A	Blunt Cut Wire
#67	LBEC1	60A	AUX PWR 2 Fuse, REAR WPR Fuse, PDM Fuse, AUX PWR Fuse
#68	ELEC RUN BOARD	30A	Articulating Running Board (ARB) Module (BRS)
#69	WFHS	60A	Windshield Washer Solvent Heater (XA7)
#70	TREC	30A	Transfer Case Encoder Motor (NP8), Transfer Case Shift Control Module (NP8)
#71	STUD-1	40A	Trailer Wiring

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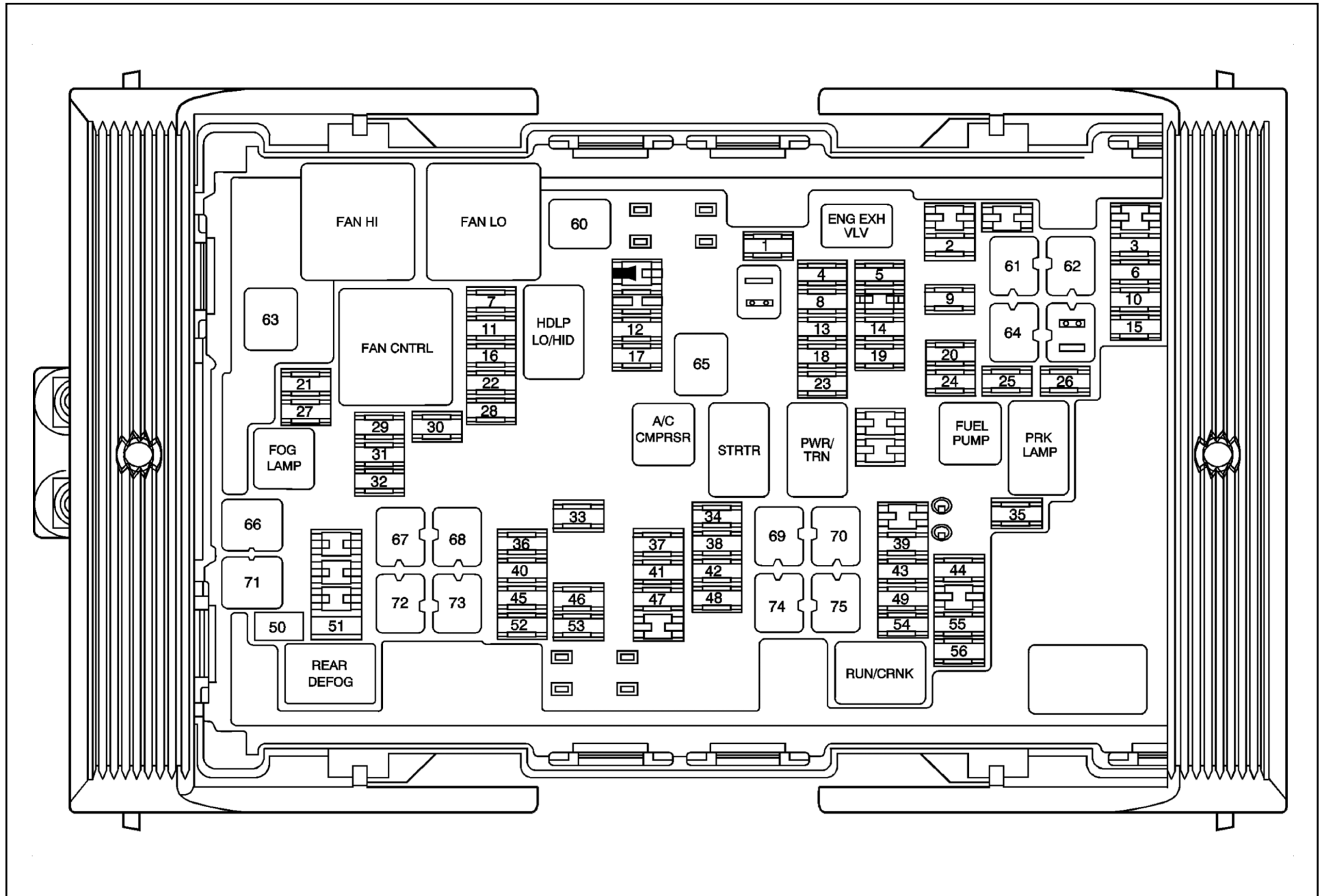
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Power Distribution Centers: Underhood Fuse Block (continued)

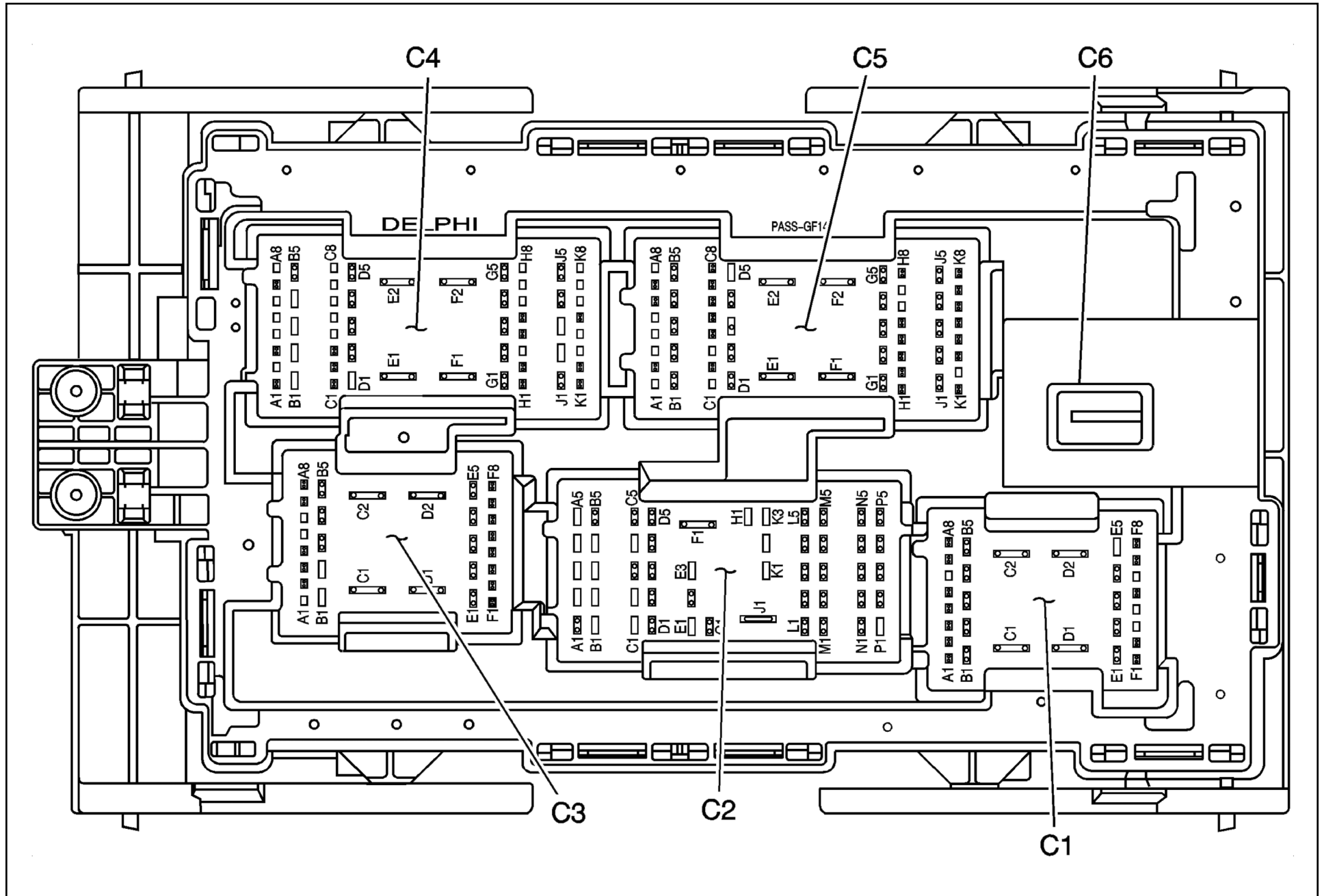
Fuse	Device	Rating	Description
#72	MBEC1	60A	DRIVER SEAT 2 Circuit Breaker, PASSENGER SEAT 1 Circuit Breaker, RT DOORS Circuit Breaker
#73	HVAC BLWR	40A	Blower Motor Control Module
#74	LGM	30A	Liftgate Module (LGM) (E61)
#75	LBEC2	60A	BCM Fuse, COOLED SEATS Fuse, DDM Fuse, DIM Fuse, DSM Fuse, REAR HVAC Fuse, RT STOP TRN Fuse, WSW PUMP Fuse
RELAY DEVICE		DESCRIPTION	
A/C CMPPSR			A/C CMPPSR Fuse
ENG EXH VLV			AXH VLV Fuse
FAN CNTRL			FOG LAMP Fuse
FOG LAMP			FOG LAMP Fuse
FUEL PMP			FUEL PUMP Fuse
HDLP LO/HID			LO HDLP-LT Fuse, LO HDLP-RT Fuse, DRL 2 Fuse
PRK LAMP			LT PRK Fuse, RT PRK Fuse, TRLR PRK Fuse
PWR/TRN			ECM/THROT CONT Fuse, ENG Fuse, INJ-A Fuse, INJ-B Fuse, O2-A SNSR Fuse, O2-B SNSR Fuse, FAN CNTRL PCB Relay, FAN HI PCB Relay, FAN LO PCB Relay
REAR DEFOG			REAR DEFOG Fuse
RUN/CRNK			AIRBAG Fuse, AUX HVAC-IGN Fuse, IGN Fuse, ECM-IGN Fuse, MISC IGN Fuse, SEO/ALC Fuse, TRANS IGN 1 Fuse
STRTR			STRTR Fuse
<b>Note: Relays listed below are non-serviceable Printed Circuit Board (PCB) relays and are internal to the block.</b>			
BCK/UP LAMP PCB			VEH BCK/UP Fuse, TRLR BCK/UP Fuse
DRL PCB			DRL Fuse
ELECTRONIC ADJUSTABLE PEDALS PCB			Adjustable Pedals Assembly (JF4 Except AN3)
FAN CNTRL PCB			Cooling Fan-Right
FAN HI PCB			Cooling Fan-Right, FAN CNTRL Relay
FAN LO PCB			Cooling Fan-Left
FRT WASH PCB			FRT WASH Fuse
HI BEAM PCB			HI HEADLAMP-LT Fuse, HI HEADLAMP-RT Fuse
HORN PCB			HORN Fuse
L/GATE PCB			L/GATE RELSE Fuse
LOCK/UNLOCK PCB			LCK 1 Fuse, LCK 2 Fuse, UNLCK 1 Fuse, UNLCK 2 Fuse
PARK ENABLE PCB			Folding Seat Switch-Front (ARS), Folding Seat Switch-LR (ARS), Folding Seat Switch-RR (ARS), I/P Multifunction Switch Assembly
REAR WASH PCB			REAR WASH Fuse
RUN PCB			FWD Fuse, HTD STR/WHL Fuse
TRLR STOP LT PCB			TRLR STOP LT Fuse
TRLR STOP RT PCB			TRLR STOP RT Fuse
WIPER 1 PCB			Wiper 2 PCB Relay
WIPER 2 PCB			Windshield Wiper Motor

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

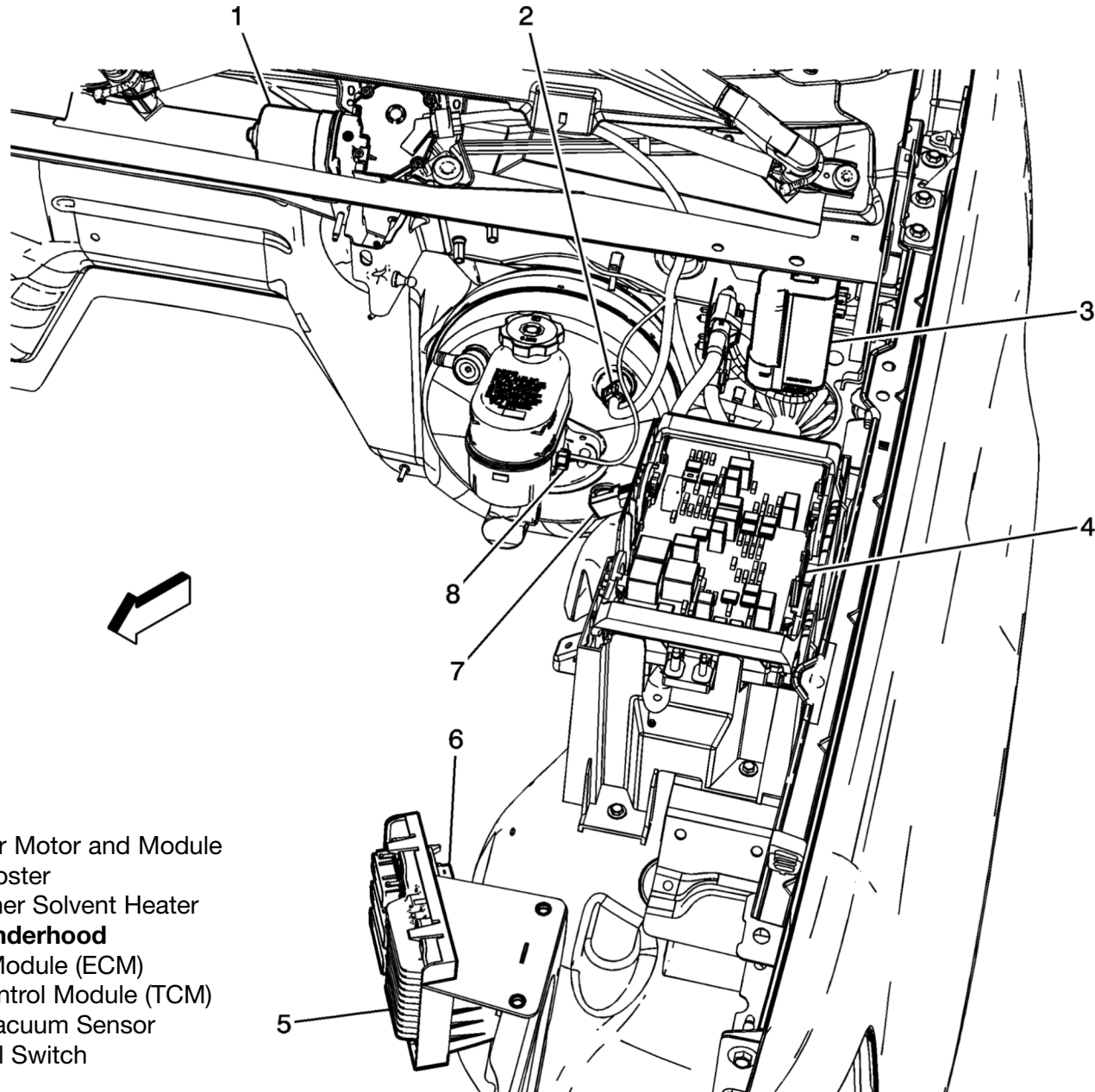
## Power Distribution Centers: Underhood Fuse Block Top View



## Power Distribution Centers: Underhood Fuse Block Bottom View

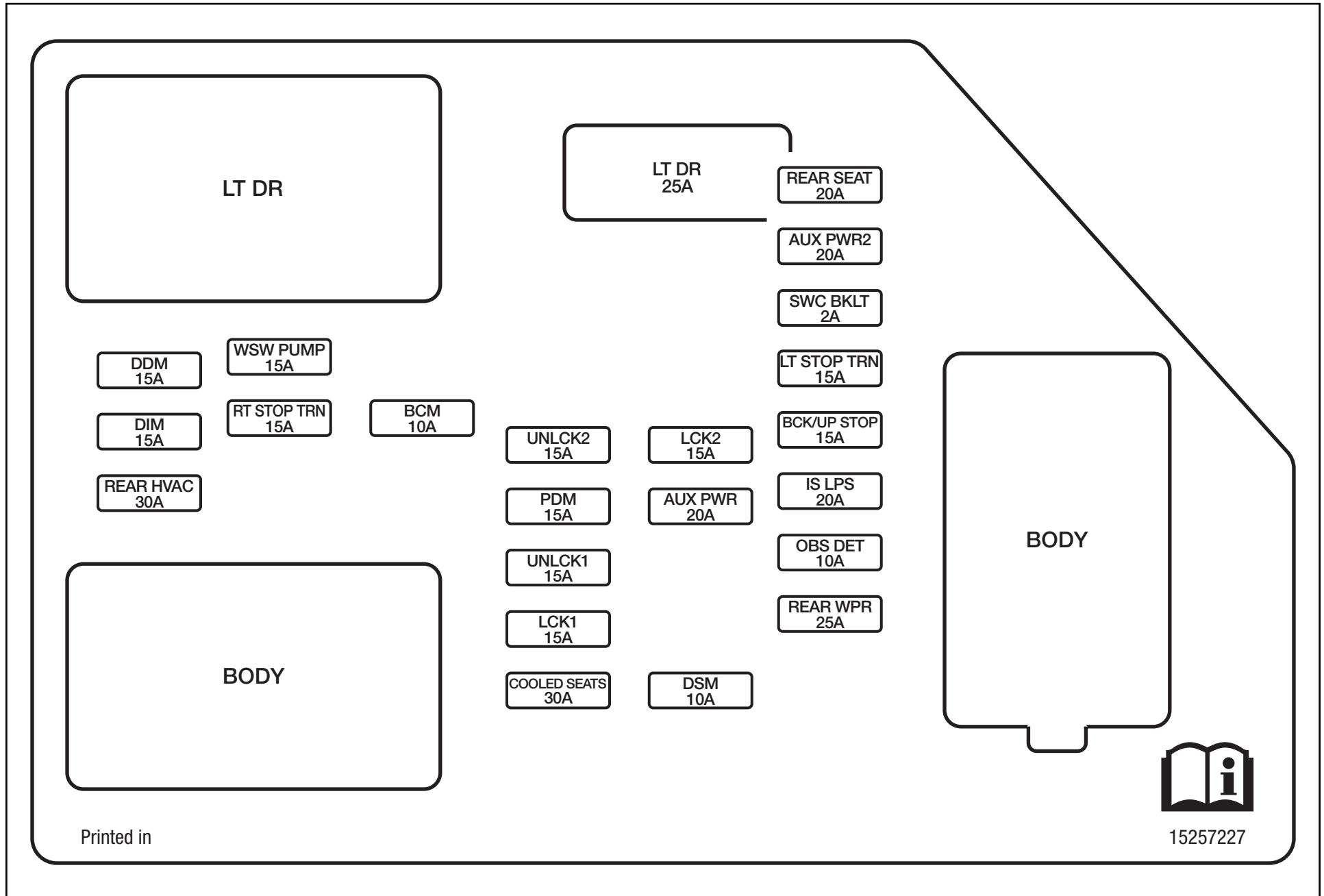


## Power Distribution Centers: Underhood Fuse Block Location



- (1) Windshield Wiper Motor and Module
- (2) Power Brake Booster
- (3) Windshield Washer Solvent Heater
- (4) Fuse Block - Underhood**
- (5) Engine Control Module (ECM)
- (6) Transmission Control Module (TCM)
- (7) Brake Booster Vacuum Sensor
- (8) Brake Fluid Level Switch

## Power Distribution Centers : I/P Fuse Block



Printed in



15257227

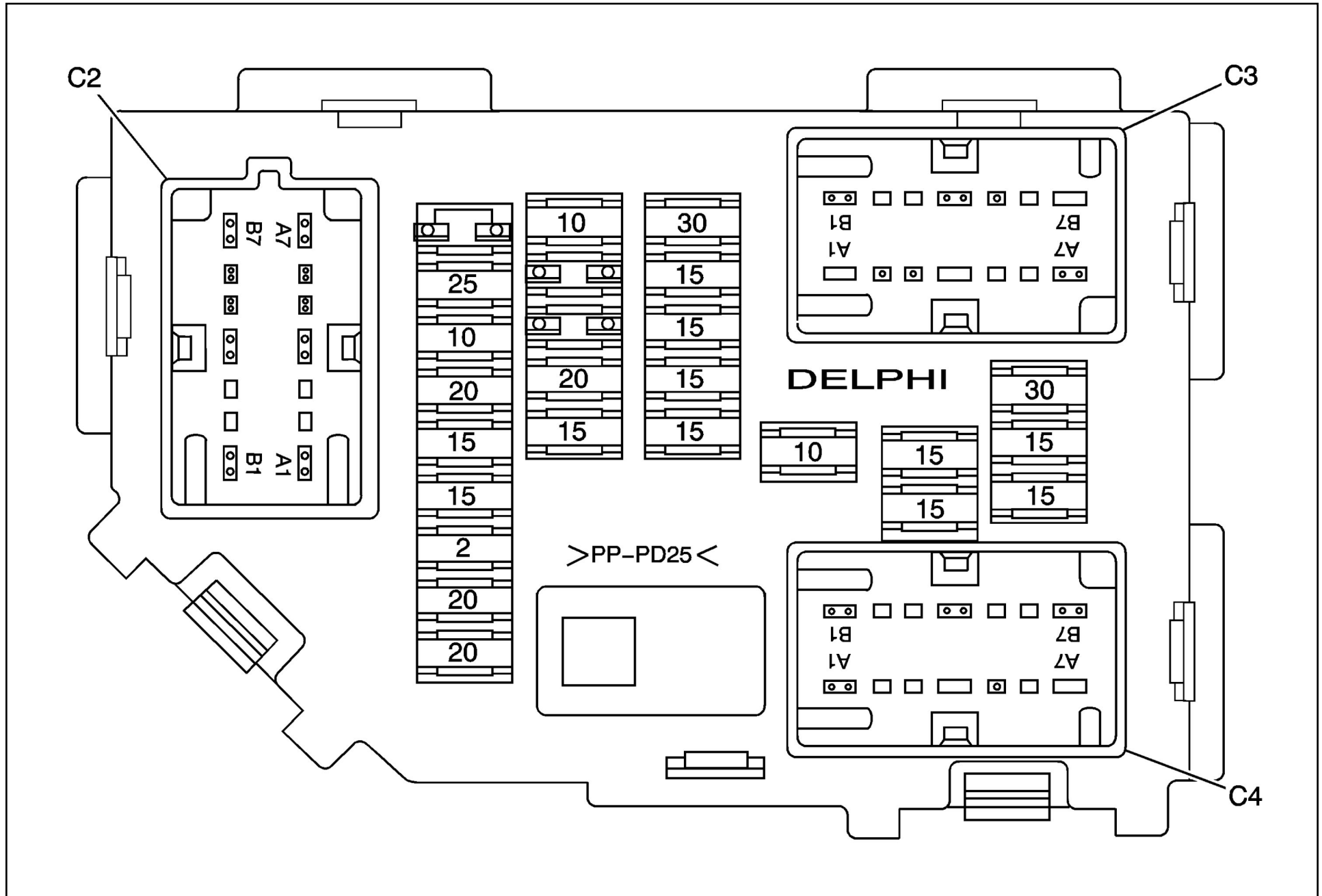
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Power Distribution Centers : I/P Fuse Block Device Usage

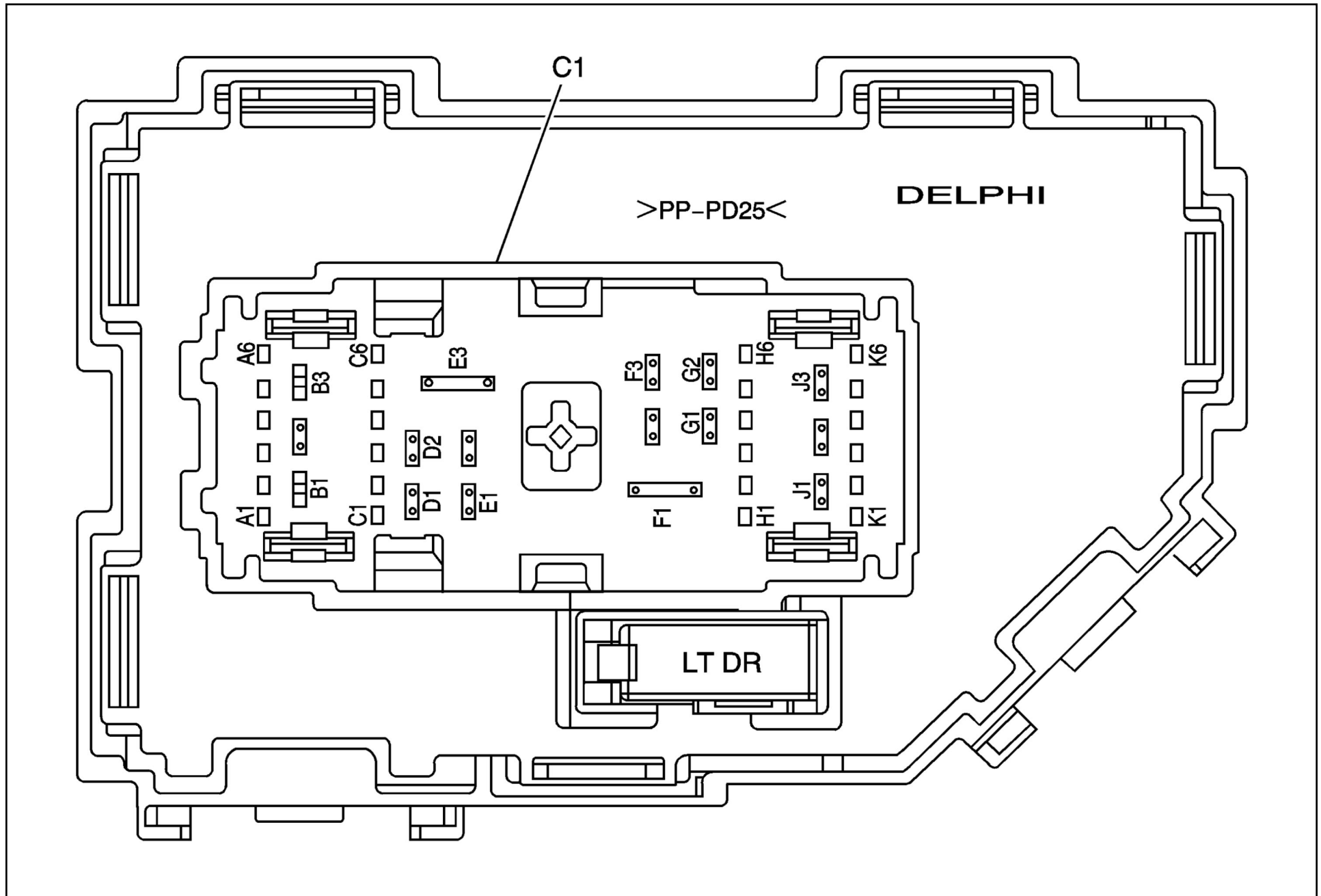
Device	Rating	Description
AUX PWR Fuse	20A	Auxiliary Power Outlet–Bin, Auxiliary Power Outlet–Console, Auxiliary Power Outlet–Front 1
AUX PWR2 Fuse	20A	Auxiliary Power Outlet–Rear
BCK/UP STOP Fuse	15A	Body Control Module (BCM)
BCM Fuse	10A	Body Control Module (BCM)
COOLED SEATS Fuse	30A	Climate Control Seat Module (KB6)
DDM Fuse	15A	Driver Door Module (DDM)
DIM Fuse	15A	Body Control Module (BCM)
DSM Fuse	10A	Memory Seat Module (AN3), Remote Control Door Lock Receiver (RCDLR)
IS LPS Fuse	20A	Body Control Module (BCM)
LCK1 Fuse	15A	Door Latch Assembly–LR, Door Latch Assembly–RR
LCK2 Fuse	15A	Endgate Lock Actuator
LT DR Circuit Breaker	25A	Driver Door Module (DDM), Window Switch–LR
LT STOP TRN Fuse	15A	Body Control Module (BCM)
OBS DET Fuse	10A	Liftgate Module (LGM) (E61), Rear Object Sensor Control Module (UD7)
PDM Fuse	15A	Garage Door Opener (GDO) (UG1), Inside Rearview Mirror (ISRVM), Passenger Door Module (PDM), Roof Beacon Switch (5G4)
REAR HVAC Fuse	30A	Blower Motor Control Module–Auxiliary
REAR SEAT Fuse	20A	Folding Seat Motor–LR (ARS), Folding Seat Motor–RR (ARS), Heated Seat Module–Rear (KA6)
REAR WPR Fuse	25A	Rear Window Wiper Motor (E52)
RT STOP TRN Fuse	15A	Body Control Module (BCM)
SWC BKLT Fuse	2A	Steering Wheel Control Switch Assembly–Left, Steering Wheel Control Switch Assembly–Right
UNLCK1 Fuse	15A	Door Latch Assembly–LR, Door Latch Assembly–RR
UNLCK2 Fuse	15A	Endgate Lock Actuator
WSW PUMP Fuse	15A	Body Control Module (BCM)

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Power Distribution Centers : I/P Fuse Block Top View



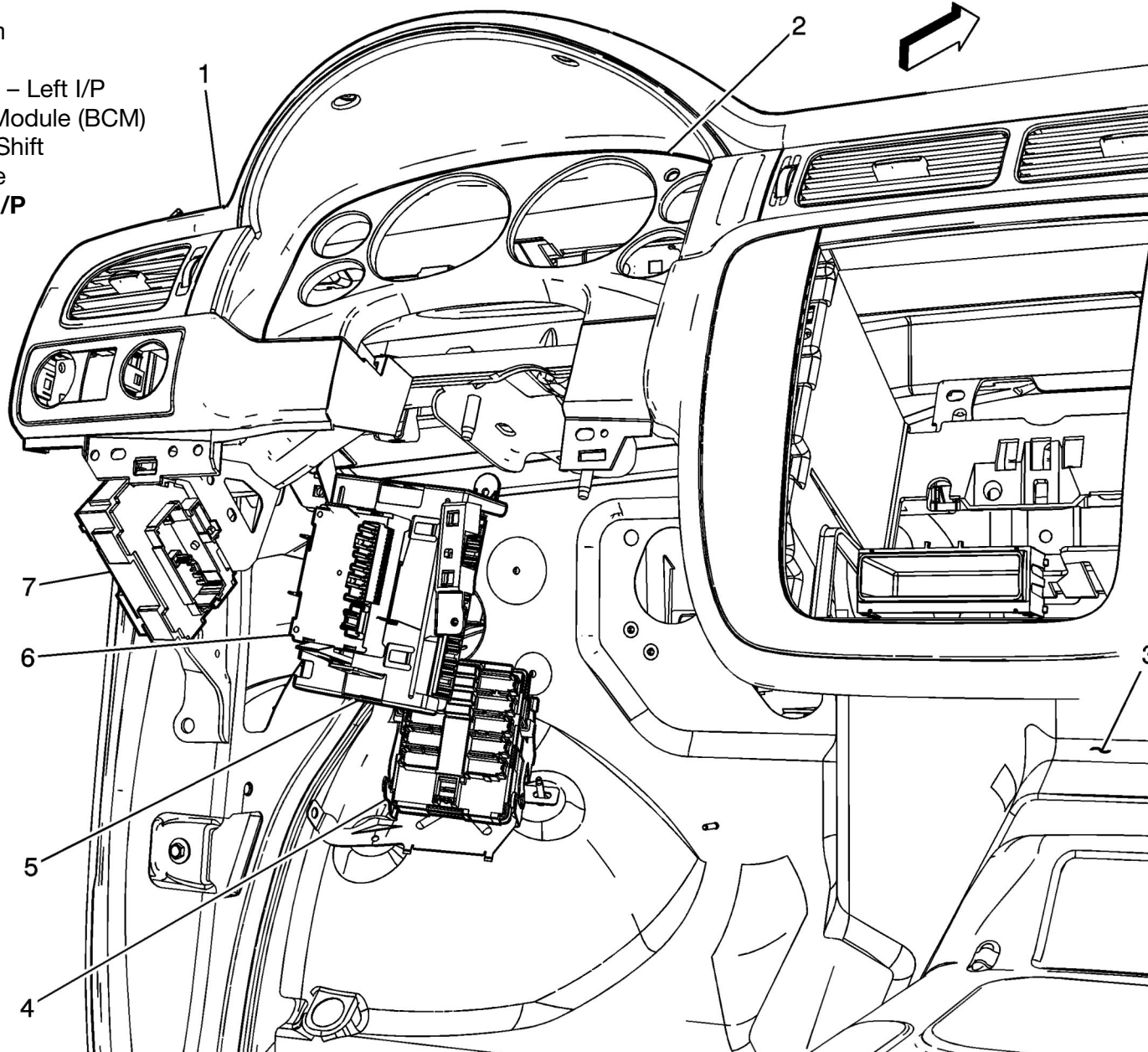
## Power Distribution Centers : I/P Fuse Block Bottom View





## Power Distribution Centers : I/P Fuse Block Location

- (1) I/P Trim
- (2) I/P Cluster Trim
- (3) Floor Panel
- (4) Junction Block - Left I/P
- (5) Body Control Module (BCM)
- (6) Transfer Case Shift Control Module
- (7) Fuse Block - I/P



## Ground Location Index

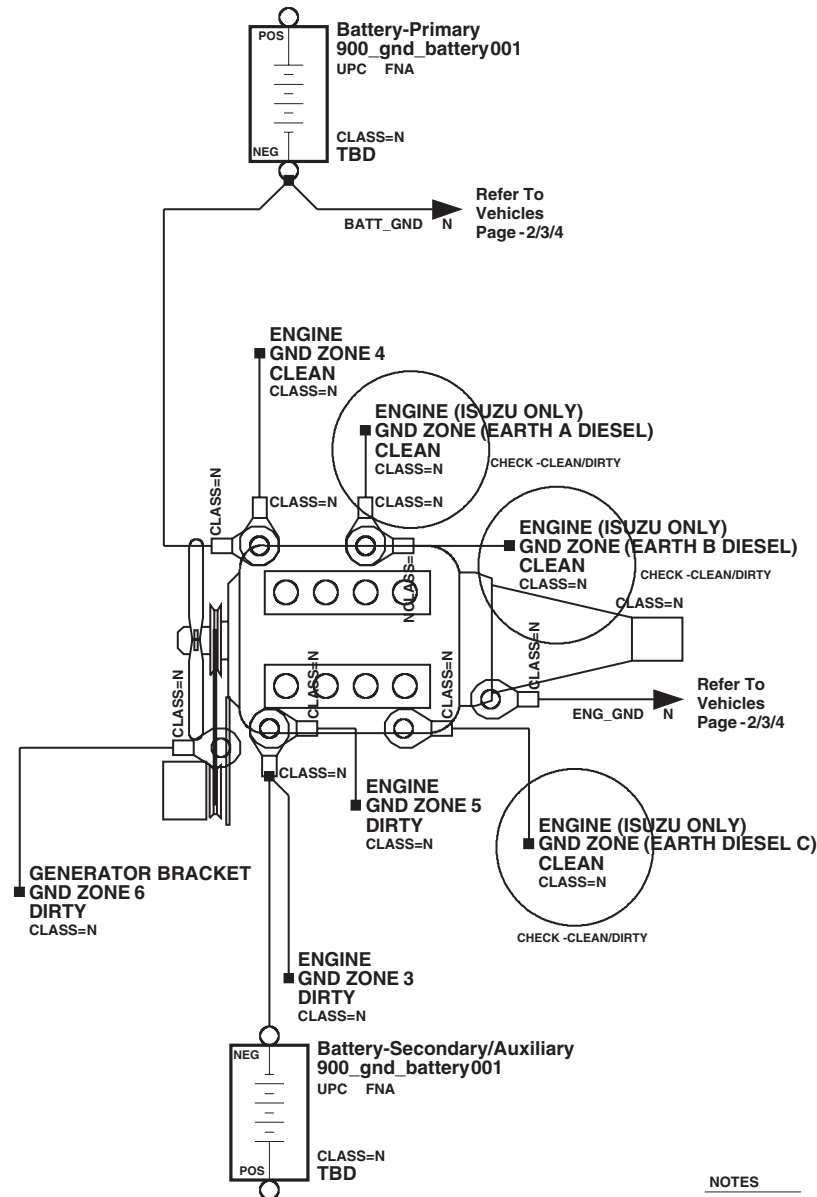
### Ground View Index

The ground distribution drawings are included that show the location of engine and chassis grounds in the vehicle. These stud locations are noted by zone # (i.e. Zone 1). Wire harness ground provisions (ring terminal) are noted by G # (i.e. G100). Detailed drawings showing these locations are also included.

The index below relates the location on the vehicle (Ground Zone) with the appropriate Grounding Location View (G#).

Ground Zone	Grounding Location View
Zone 1 and Zone 2	G100 and G101
Zone 3 and 5	G102
Zone 4	G103
Zone 10	G200
Zone 18	G201
Zone 21	G300
Zone 17A and 17BB	G400 and G401
Zone 14	G402

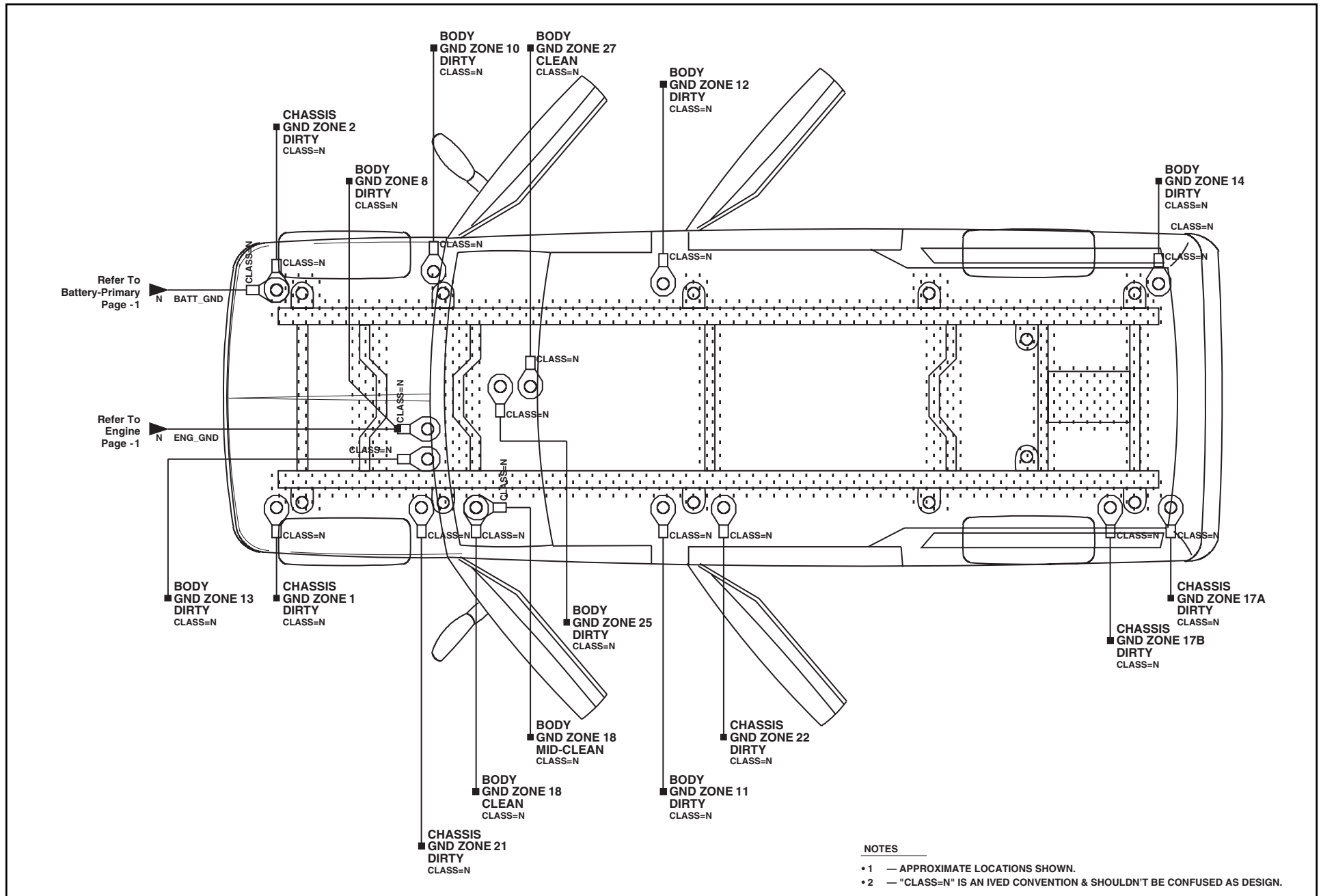
## Ground Zone Location



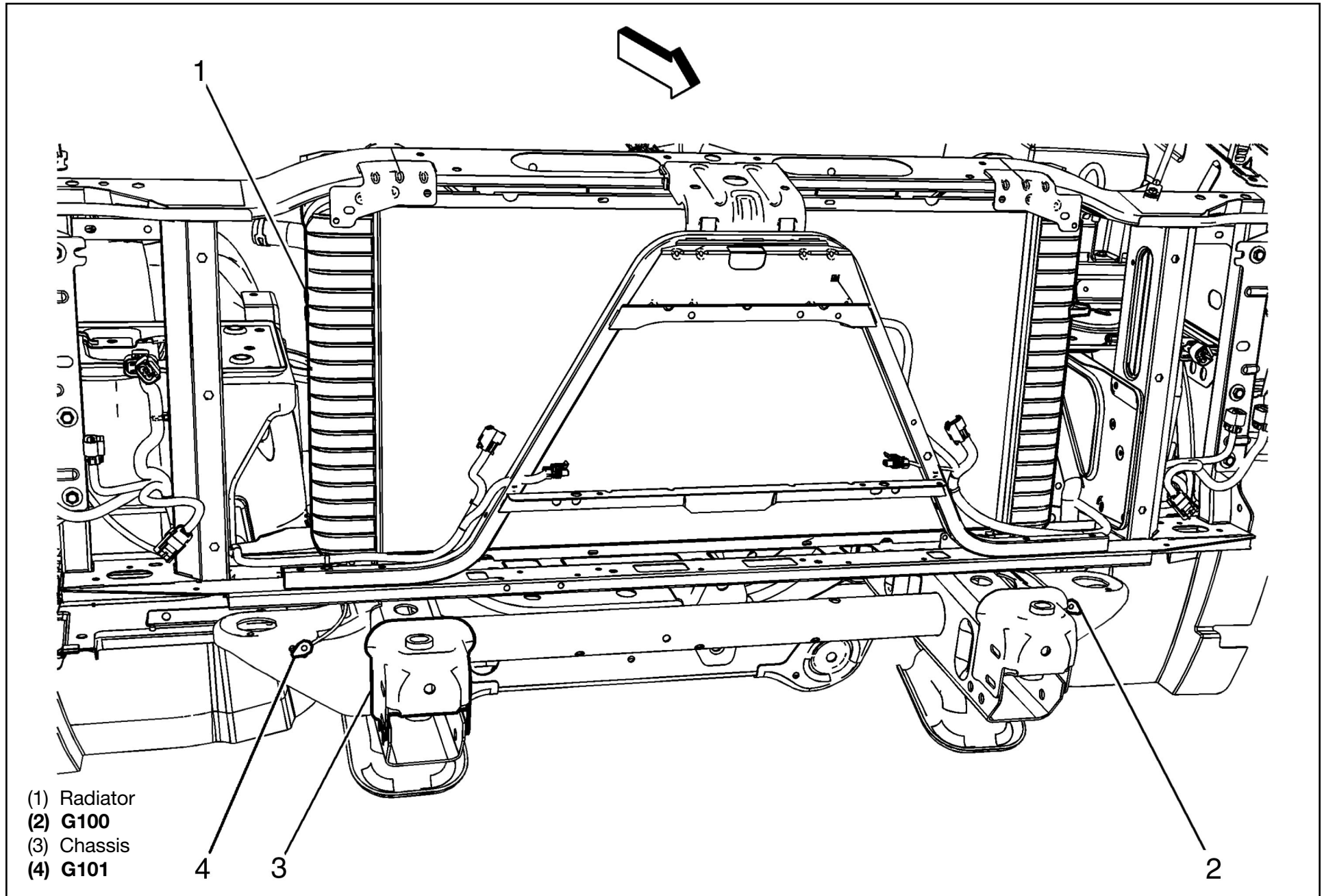
**NOTES**

- 1 — APPROXIMATE LOCATIONS SHOWN.
- 2 — "CLASS=N" IS AN IVED CONVENTION & SHOULDN'T BE CONFUSED AS DESIGN.

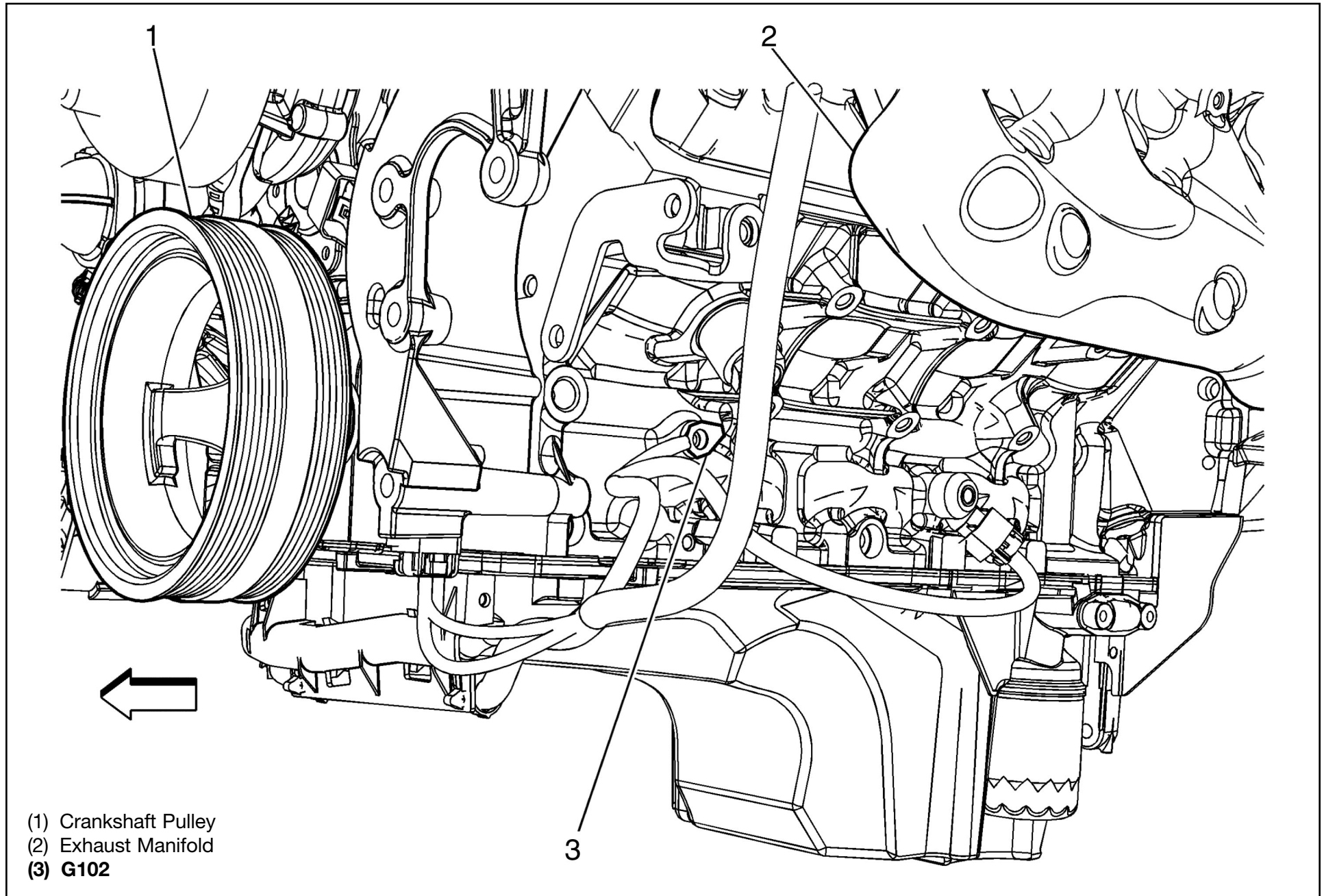
## Ground Zone Location



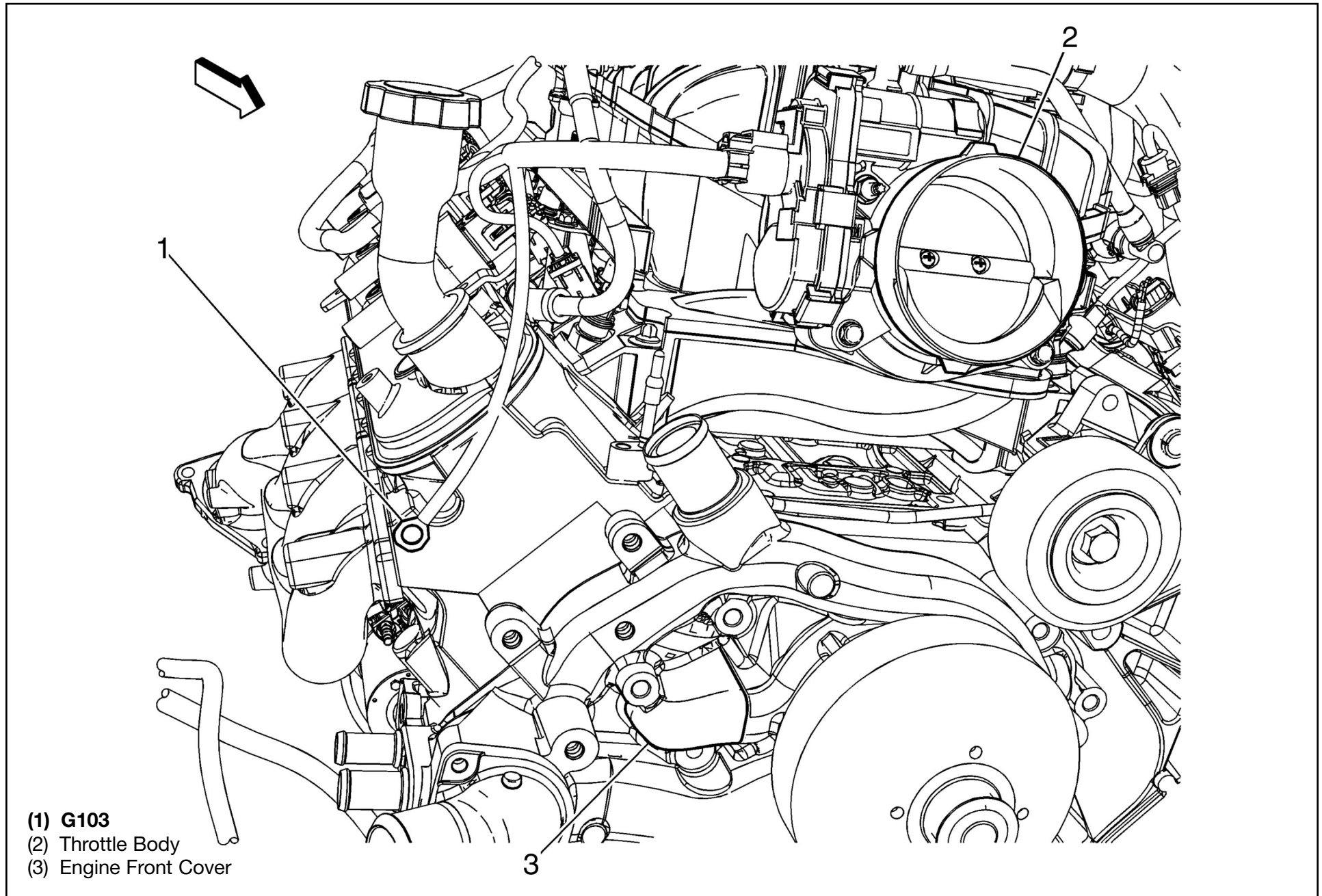
## Ground Location G100 and G101



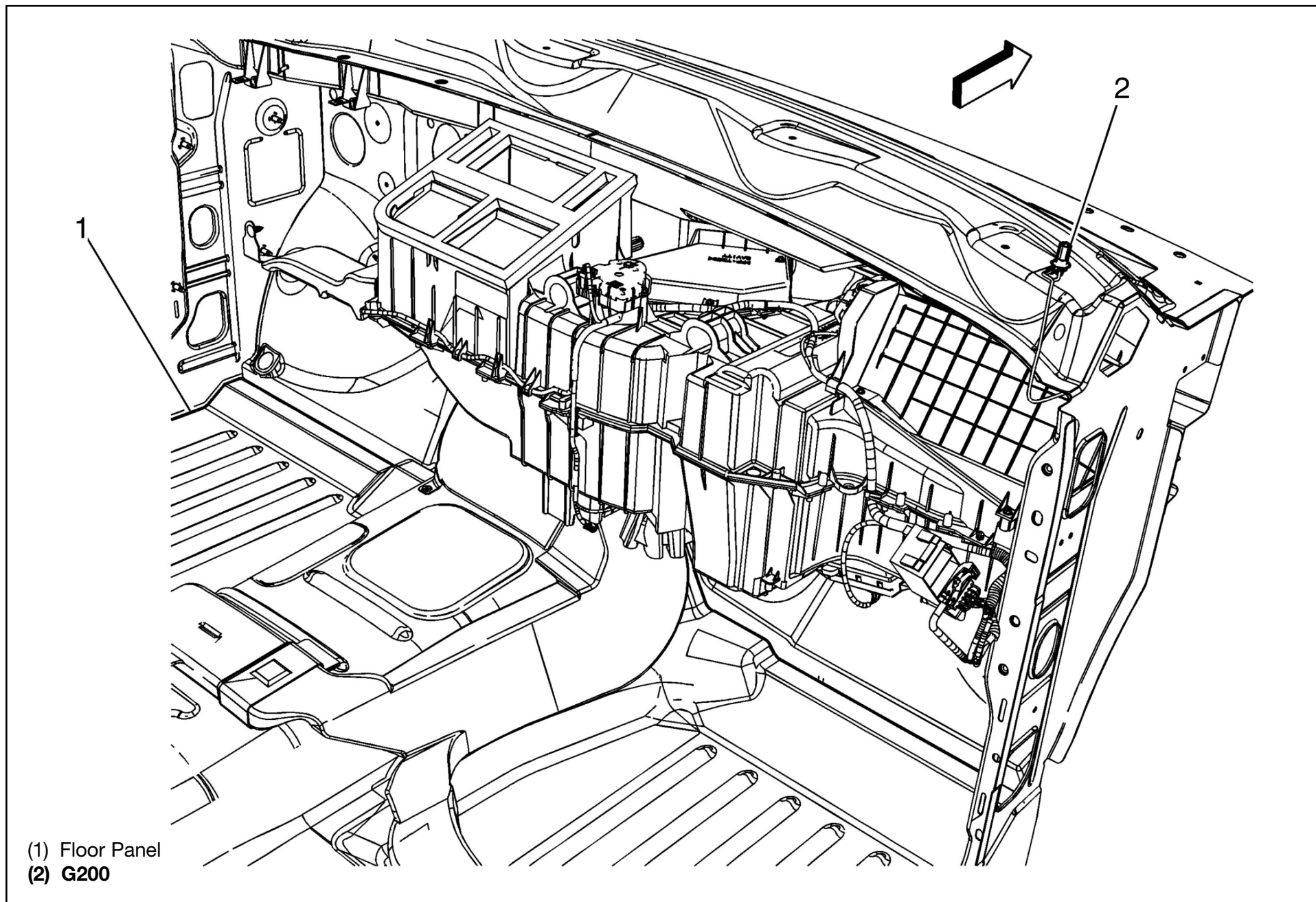
## Ground Location G102



## Ground Location G103

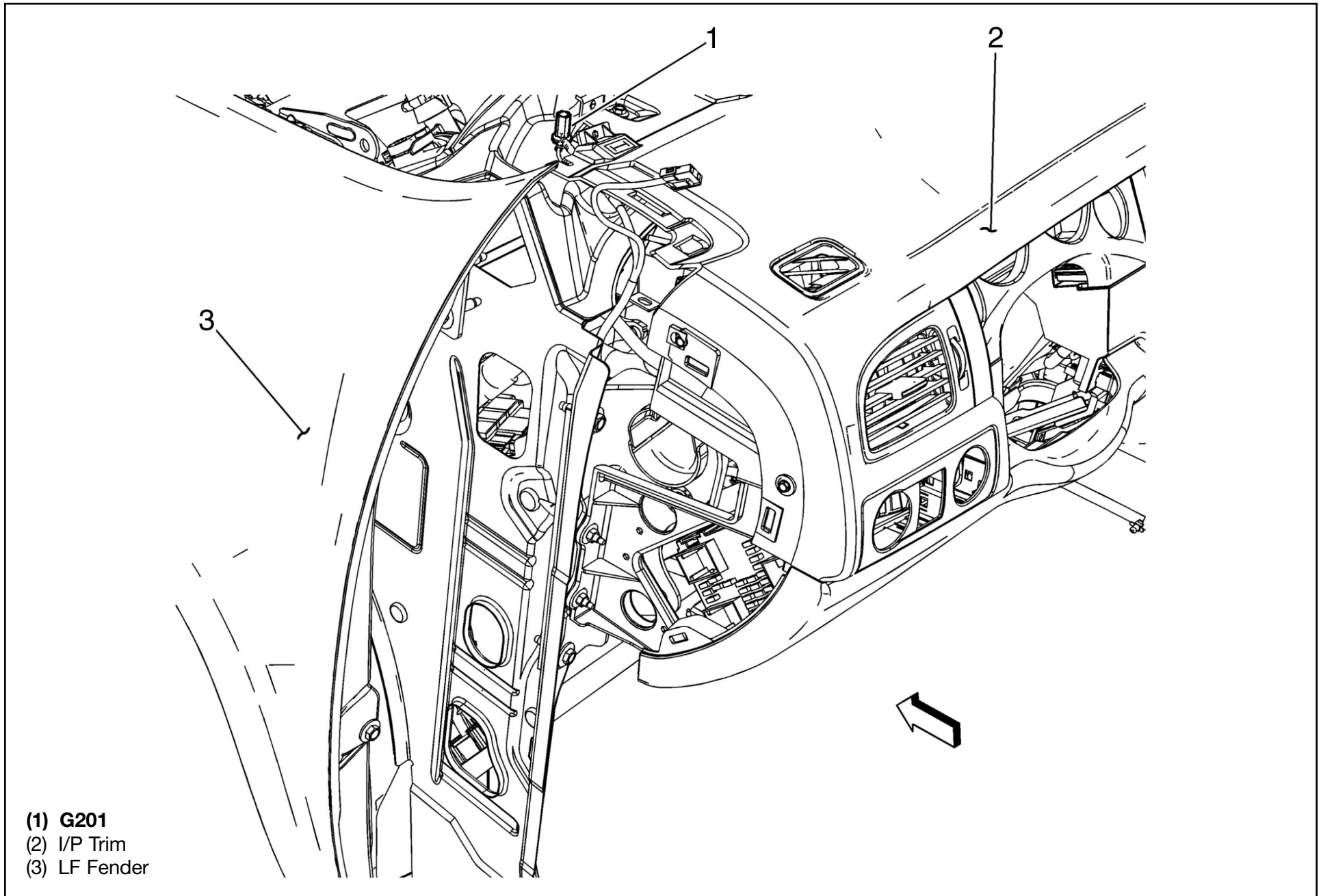


## Ground Location G200

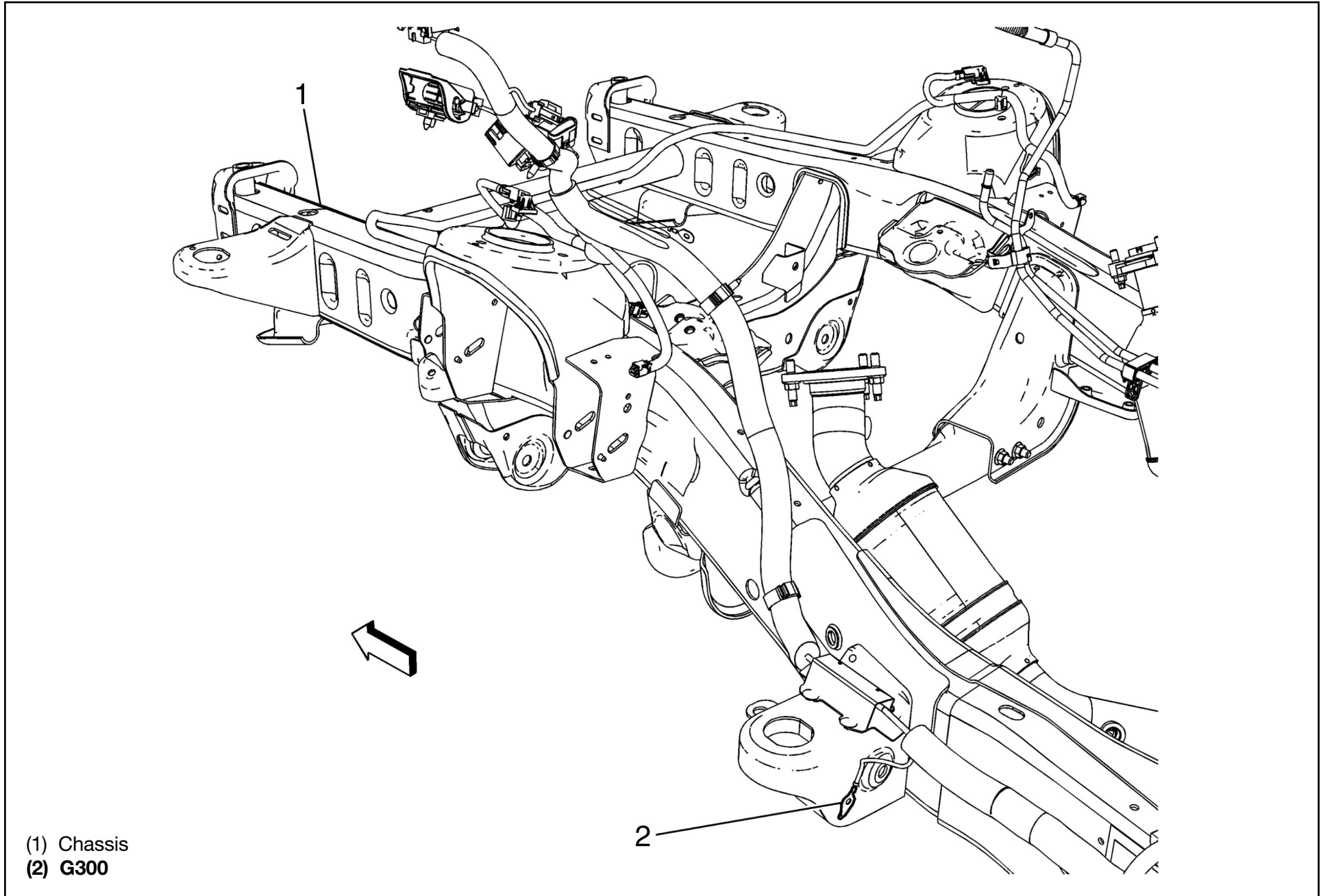




## Ground Location G201

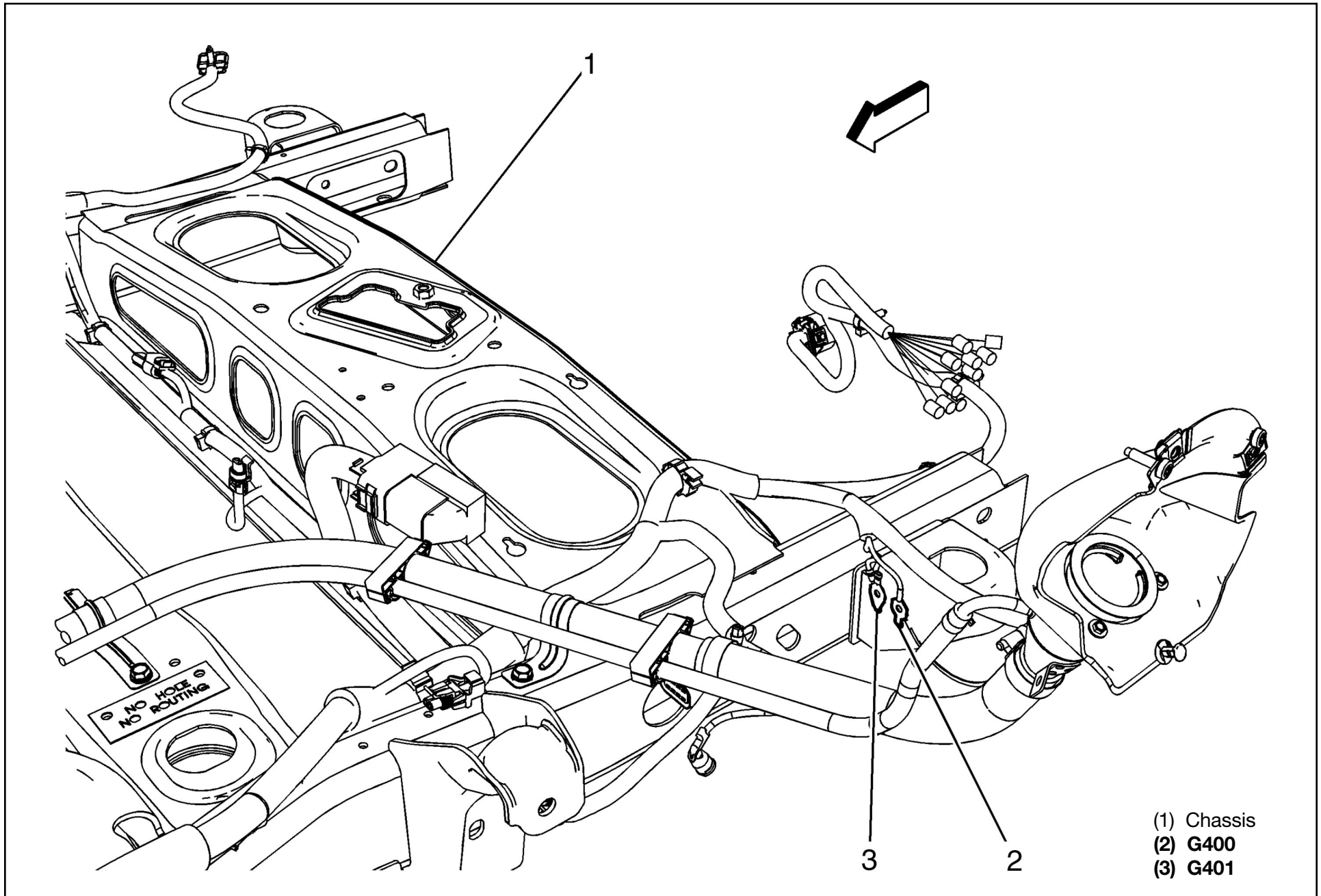


## Ground Location G300

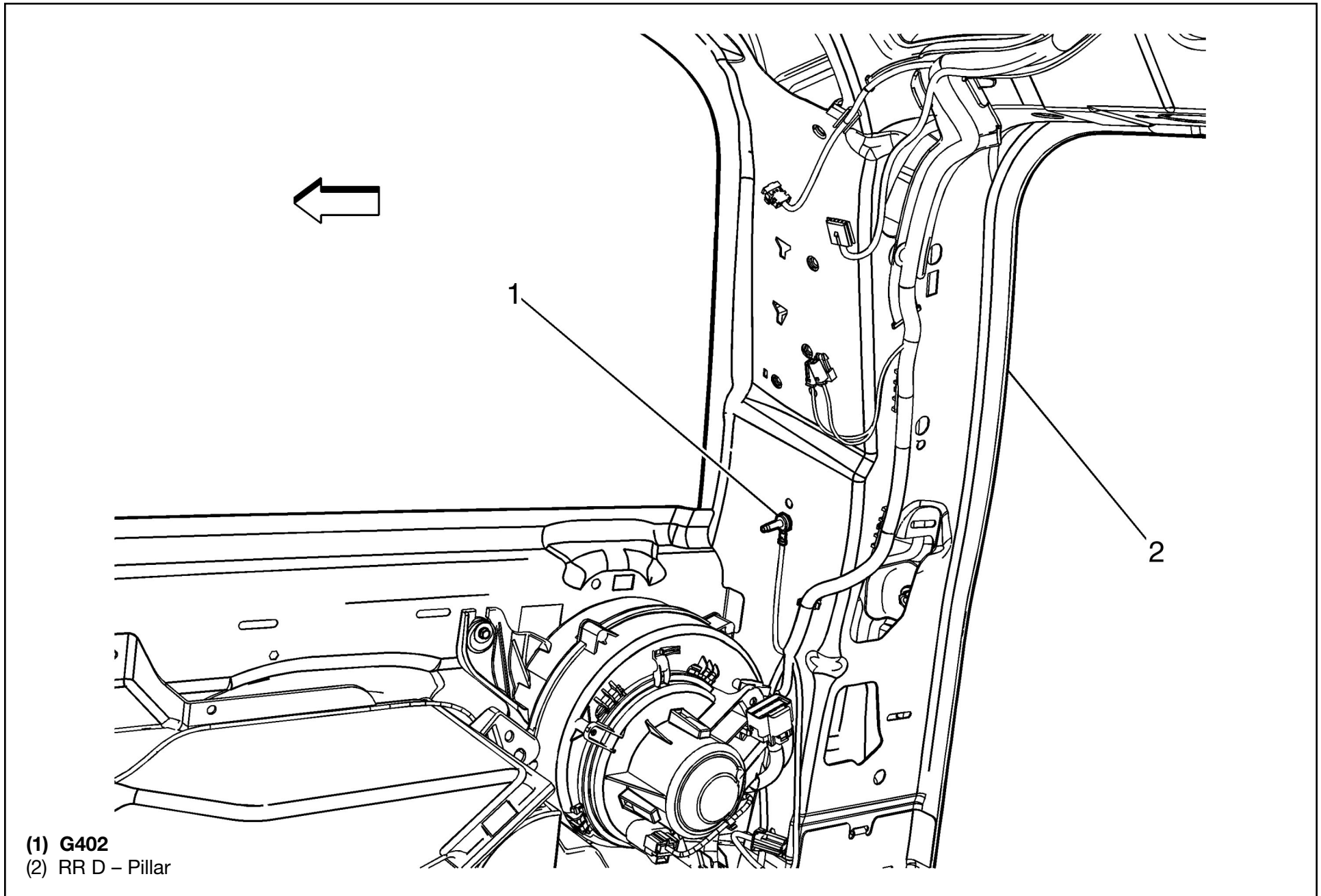


- (1) Chassis
- (2) G300

## Ground Location G400 and 401



## Ground Location G402

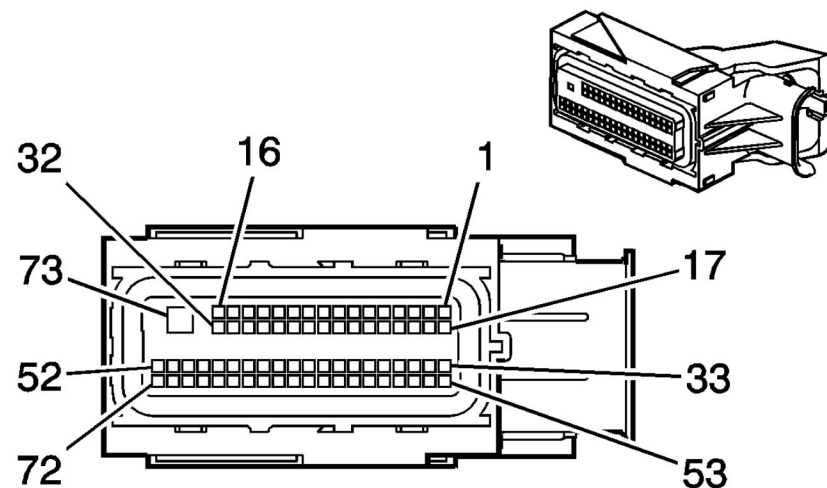


# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Engine Control Module (ECM) – Connector C-1

Connector: 73-Way F Receptacle 0.64 Sealed (BK)  
 O.E.M.: 15499466  
 Color: **BLK**  
 Service: 88988931

Pin	Wire Color	Circuit No.	Function
1	OG/BK	1786	Park/Neutral Signal
2	GY/BK	1694	4WD Low Signal
3-8	--	--	Not Used
9	L-BU/WH	6311	Cruise/ETC/TCC Brake Signal
10	PU/WH	1668	HO2S High Signal [- Bank 1 Sensor X]
11	TN/WH	1669	HO2S Low Signal [- Bank 1 Sensor X]
12	OG/BK	380	A/C Refrigerant Pressure Sensor Signal
13	TN	5514	Low Reference
14-15	--	--	Not Used
16	PU	1589	Fuel Level Sensor Signal [- Primary]
17	D-BU/WH	473	High Speed Cooling Fan Relay Control
18	D-BU	5985	Accessory Wakeup Serial Data
19	PK	439	Ignition 1 Voltage
20	RD/WH	440	Battery Positive Voltage
21-22	--	--	Not Used
23	PU	1272	Low Reference
24	D-GN	890	Fuel Tank Pressure Sensor Signal
25-26	--	--	Not Used
27	TN	2501	High Speed GMLAN Serial Data Bus -
28	TN/BK	2500	High Speed GMLAN Serial Data Bus +
29	D-BU	1161	APP Sensor 1 Signal
30	BN	1271	Low Reference
31	TN/BK	6049	Fuel Tank Sensor Low Reference
32	L-BU	1162	APP Sensor 2 Signal
33	GY	2709	5-Volt Reference
34	GY/WH	2700	A/C Pressure Sensor 5-Volt Reference
35	--	--	Not Used



*chart continued on next page*

## Engine Control Module (ECM) – Connector C-1 (continued)

*chart continued from previous page*

Pin	Wire Color	Circuit No.	Function
36	TN	1274	5-Volt Reference
37	TN/BK	472	IAT Sensor Signal
38	TN	2760	Low Reference
39-40	--	--	Not Used
41	YE	492	MAF Sensor Signal
42-46	--	--	Not Used
47	PK/BK	1339	Ignition 1 Voltage
48	--	--	Not Used
49	TN	1671	HO2S Low Signal [- Bank 2 Sensor 2]
50	D-GN/WH	465	Fuel Pump Relay Control [- Primary]
51	TN	1465	Fuel Pump Relay Control [- Secondary]
52	YE/BK	625	Starter Enable Relay Control
53-55	--	--	Not Used
56	WH/BK	1164	5-Volt Reference
57	YE/BK	1827	Vehicle Speed Signal
58	D-GN	335	Low Speed Cooling Fan Relay Control

Pin	Wire Color	Circuit No.	Function
59	YE	5991	Powertrain Relay Coil Control
60	--	--	Not Used
61	WH	1310	EVAP Canister Vent Solenoid Control
62	--	--	Not Used
63	D-GN/WH	459	A/C Compressor Clutch Relay Control
64	OG/WH	3223	HO2S Heater Low Control (Bank 2 Sensor 2)
65	GY/WH	3122	HO2S Heater Low Control [- Bank 2 Sensor 1]
66-67	--	--	Not Used
68	BN/WH	419	MIL Control
69	PU	1670	HO2S High Signal [- Bank 2 Sensor 2]
70	L-BU	1937	Secondary Fuel Level Sensor Signal
71	OG/BK	6399	Replicated TOS Signal
72	--	--	Not Used
73	BK/WH	451	Ground

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Engine Control Module (ECM) – Connector C-2

Connector: 80-Way F Receptacle 0.64 2.8 Sealed (GY)  
 O.E.M.: 13511426  
 Color: **GY**  
 Service: 19115670

Pin	Wire Color	Circuit No.	Function
1	---	---	Not Used
2	PU/WH	6270	5-Volt Reference
3	GY	2701	5-Volt Reference
4	---	---	Not Used
5	BN	582	TAC Motor Control - 2
6	YE	581	TAC Motor Control - 1
7	---	---	Not Used
8	D-GN/WH	428	EVAP Canister Purge Solenoid Control
9	GY	5493	Cylinder Shutoff Solenoid Control (3)
10	D-BU	5491	Cylinder Shutoff Solenoid Control (1)
11	OG	5494	Cylinder Shutoff Solenoid Control (4)
12	GY/WH	3113	HO2S Heater Low Control [- Bank 1 Sensor 1]
13	L-GN	3212	HO2S Heater Low Control [- Bank 2 Sensor 1]
14	L-GN/BK	5492	Cylinder Shutoff Solenoid Control (2)
15	---	---	Not Used
16	PU	5284	Camshaft Actuator Solenoid Control (AFM)
17	D-BU/WH	878	Fuel Injector 8 Control
18	TN/WH	845	Fuel Injector 5 Control
19	YE/BK	846	Fuel Injector 6 Control
20	TN	1744	Fuel Injector 1 Control
21	YE	410	ECT Sensor Signal
22	TN	2761	Low Reference
23-25	---	---	Not Used
26	D-BU	496	Knock Sensor [1] Signal

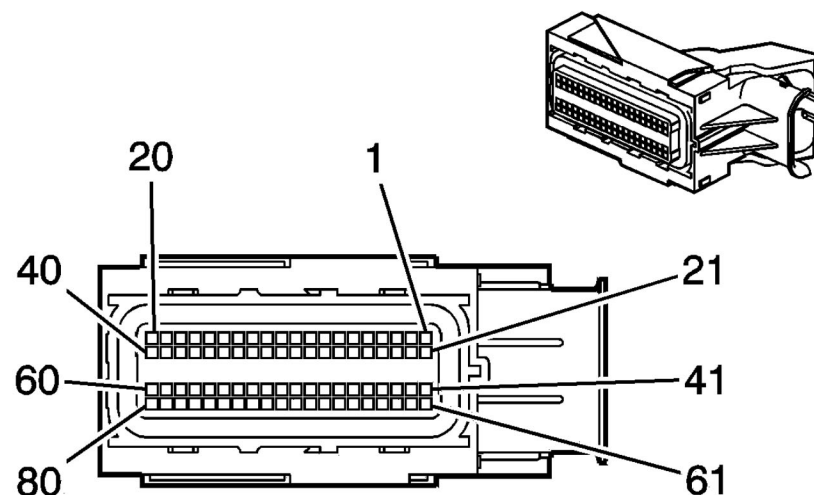


chart continued on next page

## Engine Control Module (ECM) – Connector C-2 (continued)

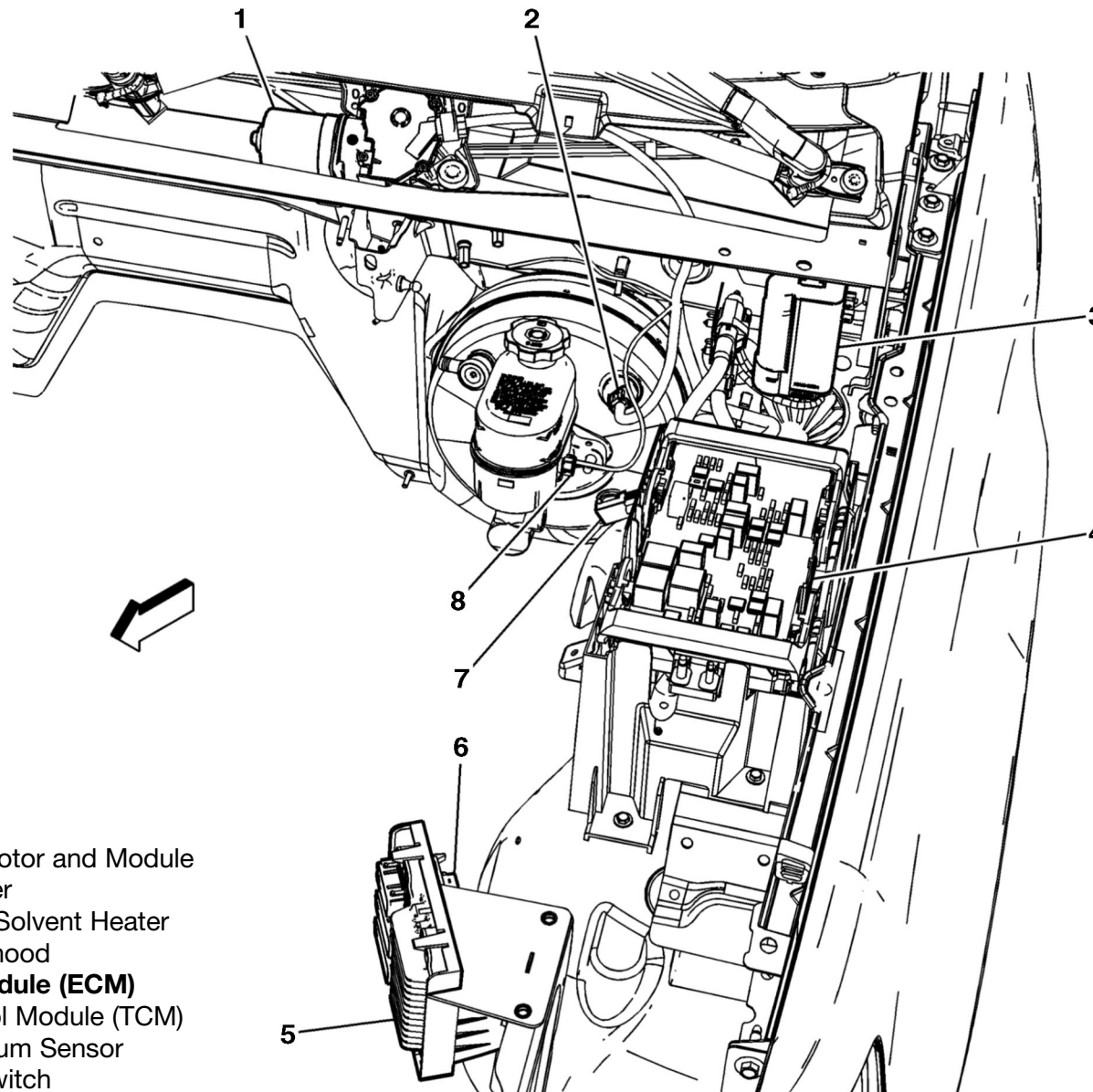
*chart continued from previous page*

Pin	Wire Color	Circuit No.	Function
27	GY	1716	Low Reference
28	--	--	Not Used
29	L-BU	1876	Knock Sensor 2 Signal
30	GY	2303	Low Reference
31	--	--	Not Used
32	GY	23	Generator Field Duty Cycle Signal
33	BN	1174	Oil Level Switch Signal
34	BK	2755	Low Reference
35	TN	2752	Low Reference
36	--	--	Not Used
37	L-GN/BK	1745	Fuel Injector 2 Control
38	PK/BK	1746	Fuel Injector 3 Control
39	L-BU/BK	844	Fuel Injector 4 Control
40	OG/BK	877	Fuel Injector 7 Control
41	GY	2705	5-Volt Reference
42	--	--	Not Used
43	GY	2704	5-Volt Reference
44	D-BU	6259	5-Volt Reference
45-49	--	--	Not Used
50	TN/WH	331	Oil Pressure Sensor Signal
51	--	--	Not Used
52	TN	2199	Low Reference
53	OG/BK	469	Low Reference
54-55	--	--	Not Used
56	TN	1664	HO2S Low Signal [- Bank 1 Sensor 1]

Pin	Wire Color	Circuit No.	Function
57	PU/WH	1665	HO2S High Signal [- Bank 1 Sensor 1]
58	L-GN	432	MAP Sensor Signal
59	PU	1666	HO2S High Signal [- Bank 2 Sensor 1]
60	TN	1667	HO2S Low Signal [- Bank 2 Sensor 1]
61	BN	25	Charge Indicator Control/Charge Indicator Signal
62	--	--	Not Used
63	PU	486	TP Sensor 2 Signal
64	D-BU/WH	6265	Camshaft CAM W Signal
65	D-GN	485	TP Sensor 1 Signal
66	BN	6266	Camshaft CAM W Ground
67	--	--	Not Used
68	WH/BK	6271	Crankshaft 60X Sensor Signal
69	GY/BK	6272	Crankshaft 60X Sensor Low Reference
70	PU	2121	IC 1 Control
71	PU/WH	2128	IC 8 Control
72	OG	2127	IC 7 Control
73	OG/WH	2122	IC 2 Control
74	L-BU/WH	2126	IC 6 Control
75	D-GN	2125	IC 5 Control
76	D-GN/WH	2124	IC 4 Control
77	L-BU	2123	IC 3 Control
78	BN	2129	Low Reference
79	BN/WH	2130	Low Reference
80	--	--	Not Used



## Engine Control Module (ECM) Location



- (1) Windshield Wiper Motor and Module
- (2) Power Brake Booster
- (3) Windshield Washer Solvent Heater
- (4) Fuse Block - Underhood
- (5) Engine Control Module (ECM)**
- (6) Transmission Control Module (TCM)
- (7) Brake Booster Vacuum Sensor
- (8) Brake Fluid Level Switch

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

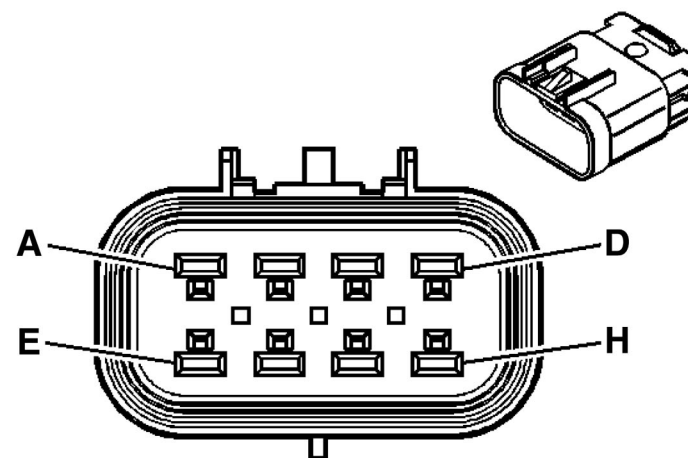
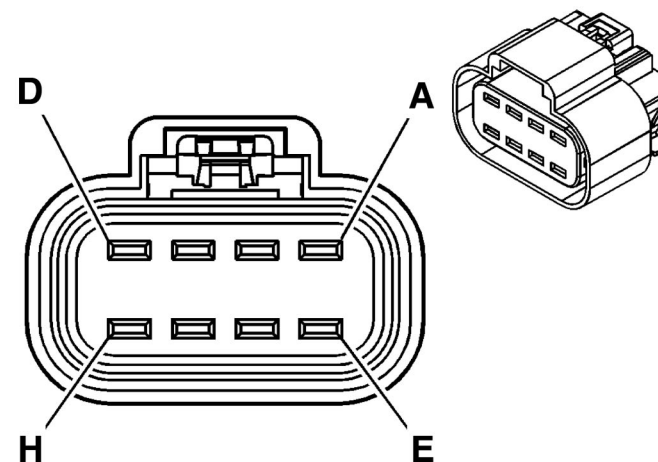
## C100 Forward Lamp Harness to Left Headlamp Harness (X88 or Z75)

Connector: 8-Way F GT 280 Series, Sealed (BK)  
 O.E.M.: 15326654  
 Color: **BLK**  
 Service: 88986254

Pin	Wire Color	Circuit No.	Function
A	YE	712	Left Headlamp Low Beam Supply Voltage
B	BK	150	Ground
C	D-GN/WH	711	Left Headlamp High Beam Supply Voltage
D	D-BU	545	DRL Relay Control
E	BN	2509	Left Rear Park Lamps Supply Voltage
F	BK	250	Ground
G	L-BU/WH	1314	Left Front Turn Signal Lamp Supply Voltage (X88)
H	--	--	Not Used

Connector: 8-Way M GT 280 Series, Sealed (BK)  
 O.E.M.: 15326655  
 Color: **BLK**  
 Service: 15306424

Pin	Wire Color	Circuit No.	Function
A	YE	--	Left Headlamp Low Beam Supply Voltage
B	BK	--	Ground
C	D-GN/WH	--	Left Headlamp High Beam Supply Voltage
D	D-BU	--	DRL Relay Control
E	BN	--	Left Rear Park Lamps Supply Voltage
F	BK	--	Ground
	BK	--	Ground
G	L-BU/WH	--	Left Front Turn Signal Lamp Supply Voltage (X88)
H	--	--	Not Used



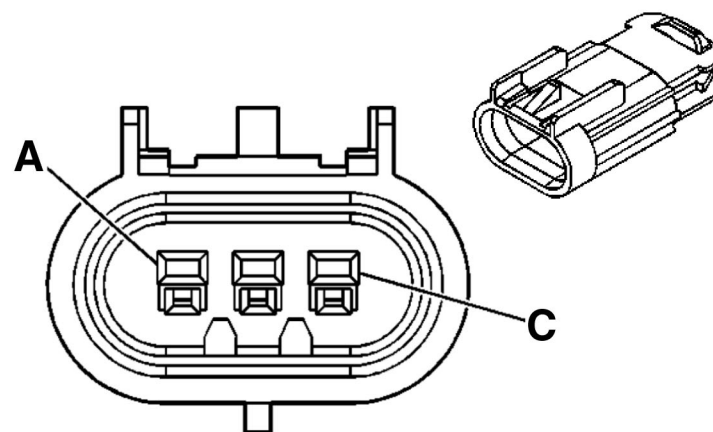
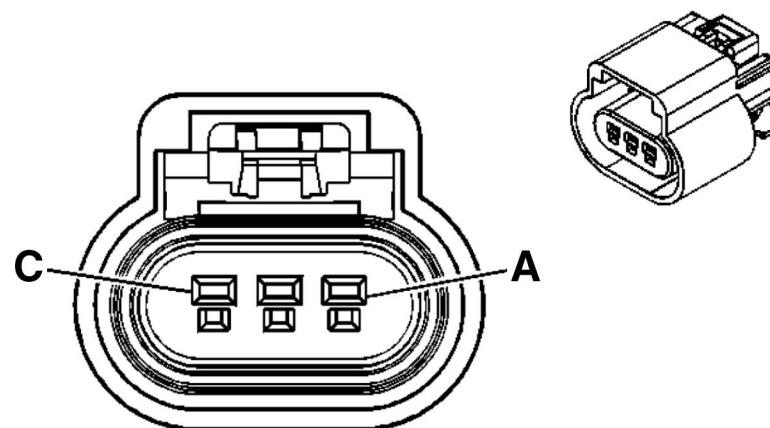
## C101 Forward Lamp Harness to Left Front Lamp Harness (Z88)

Connector: 3-Way F GT 150 Series, Sealed (BK)  
 O.E.M.: 15326808  
 Color: **BLK**  
 Service: See Catalog

Pin	Wire Color	Circuit No.	Function
A	BK	150	Ground
B	L-BU/WH	1314	Left Front Turn Signal Lamp Supply Voltage
C	BN	2509	Left Rear Park Lamps Supply Voltage

Connector: 3-Way M GT 150 Series, Sealed (BK)  
 O.E.M.: 15326813  
 Color: **BLK**  
 Service: 15306377

Pin	Wire Color	Circuit No.	Function
A	BK	--	Ground
B	L-BU/WH	--	Left Front Turn Signal Lamp Supply Voltage
C	BN	--	Left Rear Park Lamps Supply Voltage



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

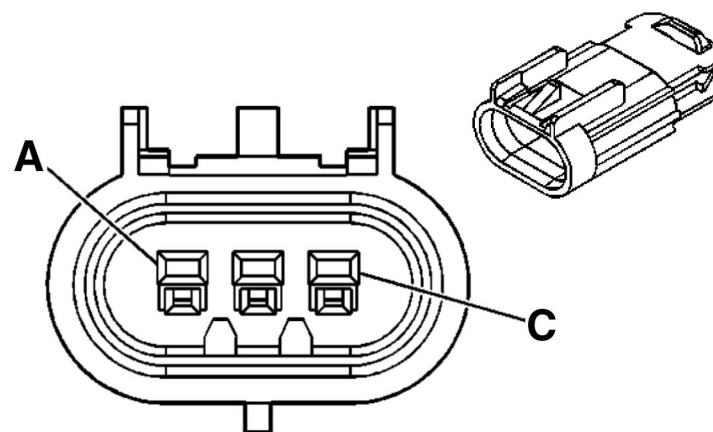
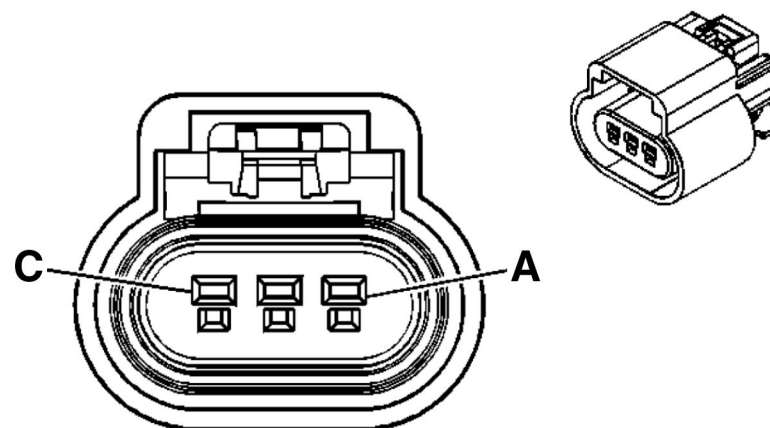
## C104 Forward Lamp Harness to Right Front Lamp Harness (Z88)

Connector: 3-Way F GT 150 Series, Sealed (BK)  
 O.E.M.: 15326808  
 Color: **BLK**  
 Service: See Catalog  
 Terminal/Tray: 12191819/8  
 Core/Insulation Crimp: Pins: A-B: 2/A  
 Core/Insulation Crimp: Pins: C: E/A  
 Release Tool/Test Probe: 15315247/J-35616-2A (GY)

Pin	Wire Color	Circuit No.	Function
A	BK	250	Ground
B	D-BU/WH	1315	Right Front Turn Signal Lamp Supply Voltage
C	BN	2609	Right Rear Park Lamps Supply Voltage

Connector: 3-Way M GT 150 Series, Sealed (BK)  
 O.E.M.: 15326813  
 Color: **BLK**  
 Service: 15306377  
 Terminal: TBD  
 Core/Insulation Crimp: TBD  
 Core/Insulation Crimp: TBD  
 Release Tool/Test Probe: TBD

Pin	Wire Color	Circuit No.	Function
A	BK	--	Ground
B	D-BU/WH	--	Right Front Turn Signal Lamp Supply Voltage
C	BN	--	Right Rear Park Lamps Supply Voltage



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

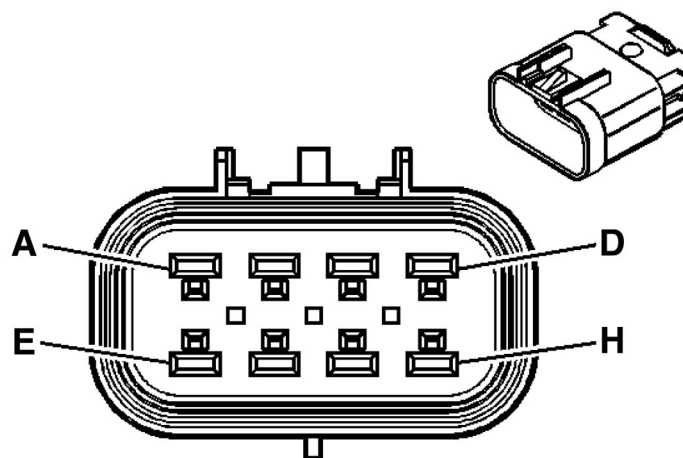
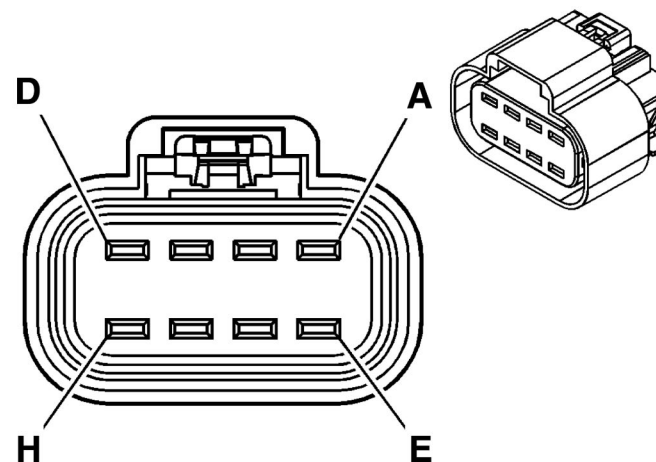
## C106 Forward Lamp Harness to Right Headlamp Harness (X88 or Z75)

Connector: 8-Way F GT 280 Series, Sealed (BK)  
 O.E.M.: 15326654  
 Color: **BLK**  
 Service: 88986254

Pin	Wire Color	Circuit No.	Function
A	TN/WH	312	Right Headlamp Low Beam Supply Voltage
B	BK	250	Ground
C	L-GN/BK	311	Right Headlamp High Beam Supply Voltage
D	D-BU	545	DRL Relay Control
E	BN	2609	Right Rear Park Lamps Supply Voltage
F	BK	150	Ground
	BK	250	Ground
G	D-BU/WH	1315	Right Front Turn Signal Lamp Supply Voltage
H	--	--	Not Used

Connector: 8-Way M GT 280 Series, Sealed (BK)  
 O.E.M.: 15326655  
 Color: **BLK**  
 Service: 15306424

Pin	Wire Color	Circuit No.	Function
A	TN/WH	--	Right Headlamp Low Beam Supply Voltage
B	BK	--	Ground
C	L-GN/BK	--	Right Headlamp High Beam Supply Voltage
D	D-BU	--	DRL Relay Control
E	BN	--	Right Rear Park Lamps Supply Voltage
F	BK	--	Ground
	BK	--	Ground
G	D-BU/WH	--	Right Front Turn Signal Lamp Supply Voltage
H	--	--	Not Used



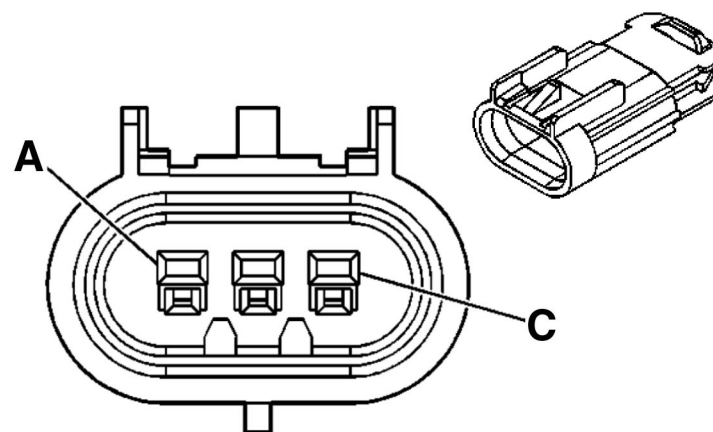
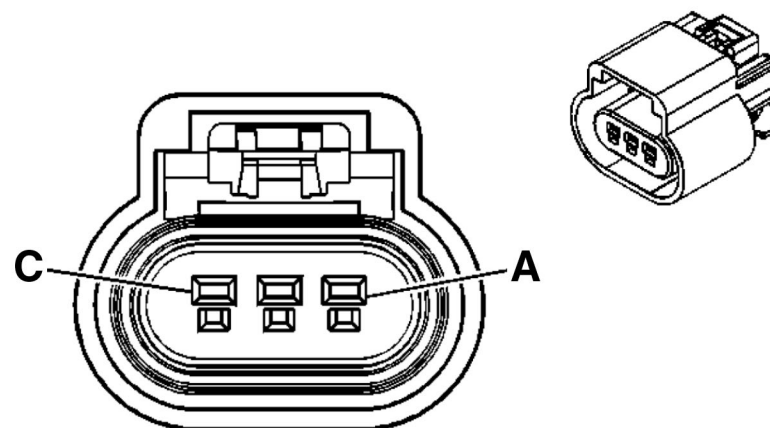
## C107 Forward Lamp Harness to Forward Lamp Harness (VYU)

Connector: 3-Way F GT 150 Series, Sealed (BK)  
 O.E.M.: 15326808  
 Color: **BLK**  
 Service: See Catalog

Pin	Wire Color	Circuit No.	Function
A	YE	712	Left Headlamp Low Beam Supply Voltage
B	BK	250	Ground
C	D-GN/WH	711	Left Headlamp High Beam Supply Voltage

Connector: 3-Way M GT 150 Series, Sealed (BK)  
 O.E.M.: 15326813  
 Color: **BLK**  
 Service: 15306377

Pin	Wire Color	Circuit No.	Function
A	YE	712	Left Headlamp Low Beam Supply Voltage
B	BK	150	Ground
C	D-GN/WH	711	Left Headlamp High Beam Supply Voltage



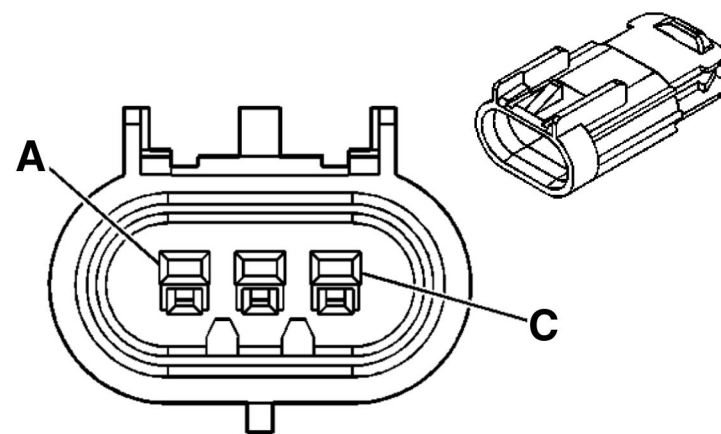
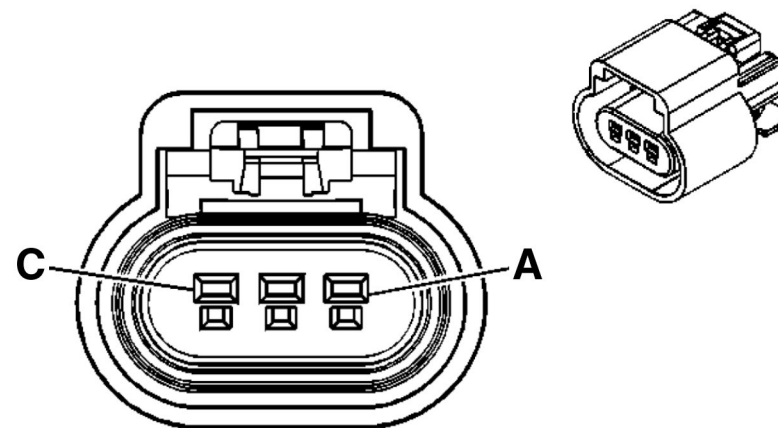
## C108 Forward Lamp Harness to Forward Lamp Harness (VYU)

Connector: 3-Way F GT 150 Series, Sealed (BK)  
 O.E.M.: 15326808  
 Color: **BLK**  
 Service: See Catalog

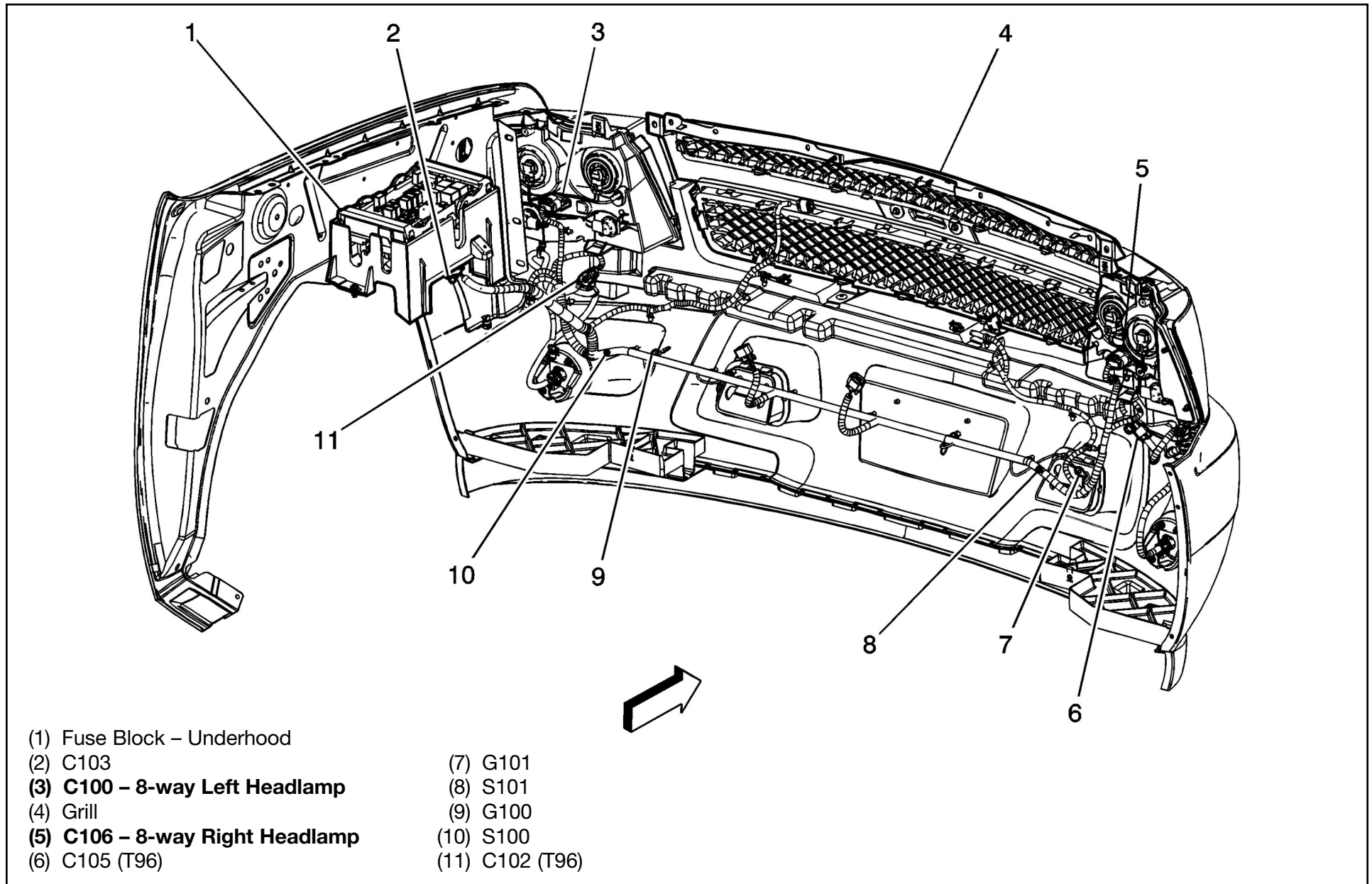
Pin	Wire Color	Circuit No.	Function
A	TN/WH	312	Right Headlamp Low Beam Supply Voltage
B	BK	150	Ground
C	L-GN/BK	311	Right Headlamp High Beam Supply Voltage

Connector: 3-Way M GT 150 Series, Sealed (BK)  
 O.E.M.: 15326813  
 Color: **BLK**  
 Service: 15306377

Pin	Wire Color	Circuit No.	Function
A	TN/WH	312	Right Headlamp Low Beam Supply Voltage
B	BK	250	Ground
C	L-GN/BK	311	Right Headlamp High Beam Supply Voltage

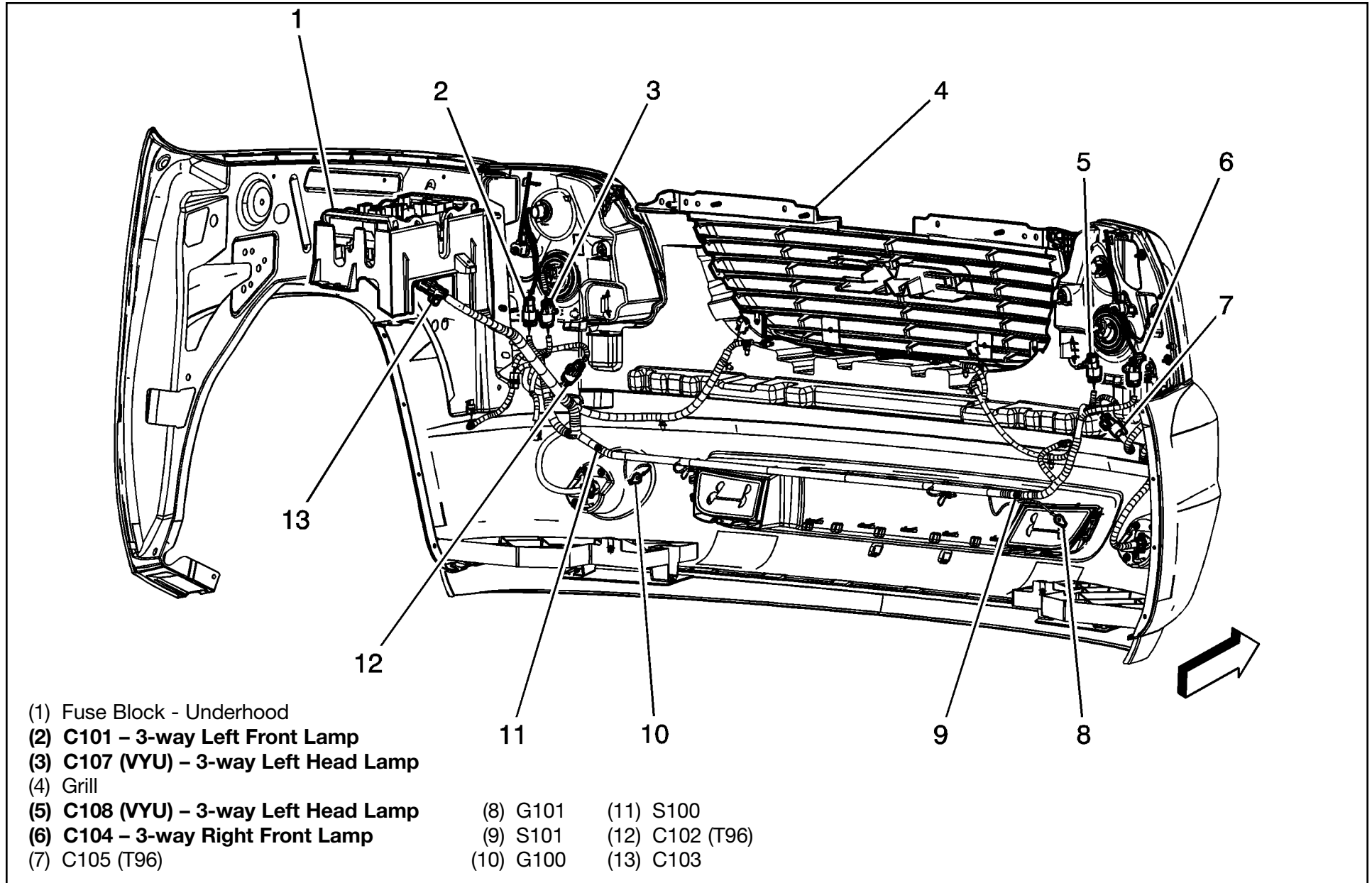


## Front Fascia Harnesses Chevrolet Tahoe (X88)(c)





## Front Fascia Harnesses GMC Yukon (Z88)(c)



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

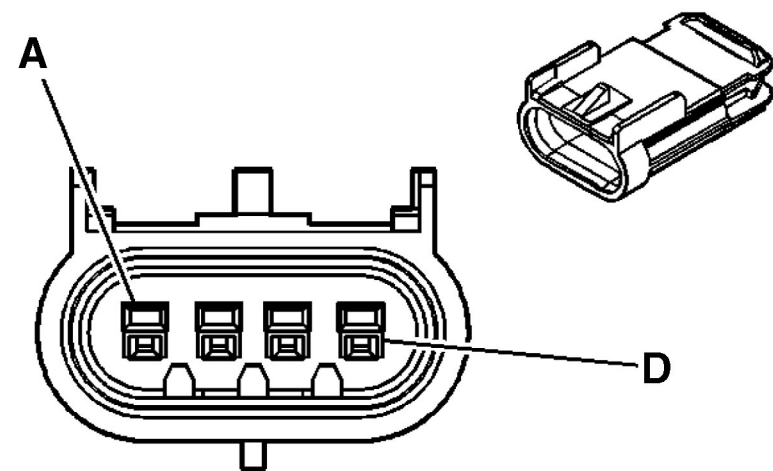
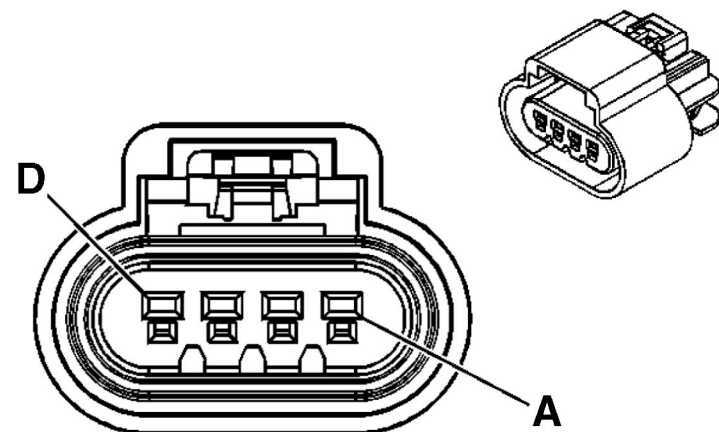
## C411 Chassis Harness to Left Rear Lamp Harness (Except E52/Z75)

Connector: 4-Way F GT 150 Series, Sealed (BK)  
 O.E.M.: 15326815  
 Color: **BLK**  
 Service: 15306396

Pin	Wire Color	Circuit No.	Function
A	YE	--	Left Rear Stop/Turn Lamp Supply Voltage
B	BK	--	Ground
C	BN	--	Left Rear Park Lamps Supply Voltage
D	L-GN	--	Backup Lamp Supply Voltage

Connector: 4-Way M GT 150 Series, Sealed (BK)  
 O.E.M.: 15326820  
 Color: **BLK**  
 Service: 15326820

Pin	Wire Color	Circuit No.	Function
A	YE	18	Left Rear Stop/Turn Lamp Supply Voltage
B	BK	1750	Ground
C	BN	2509	Left Rear Park Lamps Supply Voltage
D	L-GN	24	Backup Lamp Supply Voltage



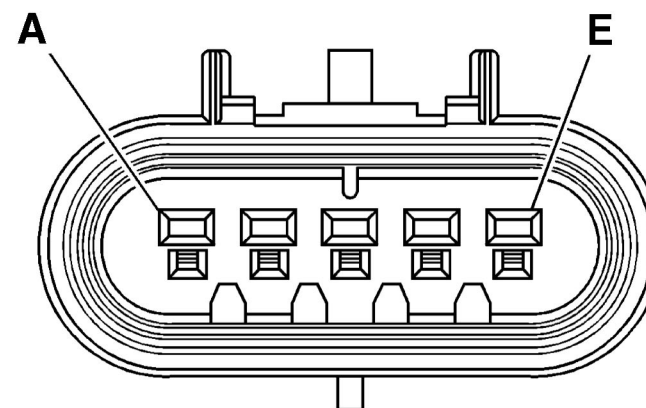
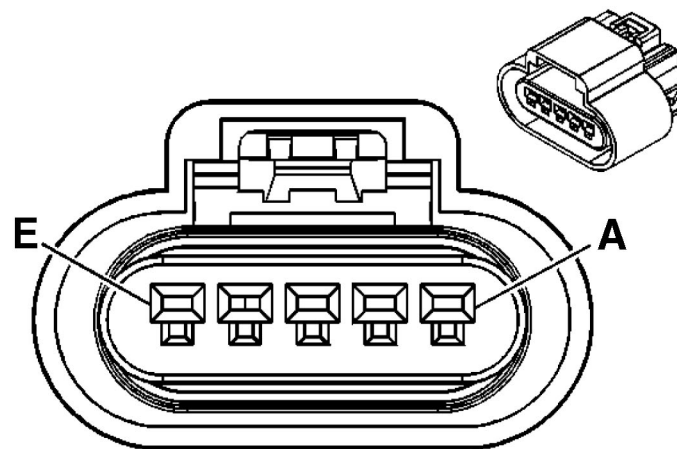
## C411 Chassis Harness to Left Rear Lamp Harness (E52 Except Z75)

Connector: 5-Way F GT 150 Series, Sealed (BK)  
 O.E.M.: 15326822  
 Color: **BLK**  
 Service: 88987186

Pin	Wire Color	Circuit No.	Function
A	YE/BK	--	Left Rear Turn Signal Lamp Supply Voltage
B	L-BU	--	Stop Lamp Supply Voltage
C	BK	--	Ground
D	BN	--	Left Rear Park Lamps Supply Voltage
E	L-GN	--	Backup Lamp Supply Voltage

Connector: 5-Way M GT 150 Series, Sealed (BK)  
 O.E.M.: 15326827  
 Color: **BLK**  
 Service: 89046648

Pin	Wire Color	Circuit No.	Function
A	YE/BK	1334	Left Rear Turn Signal Lamp Supply Voltage
B	L-BU	20	Stop Lamp Supply Voltage
C	BK	1750	Ground
D	BN	2509	Left Rear Park Lamps Supply Voltage
E	L-GN	24	Backup Lamp Supply Voltage



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

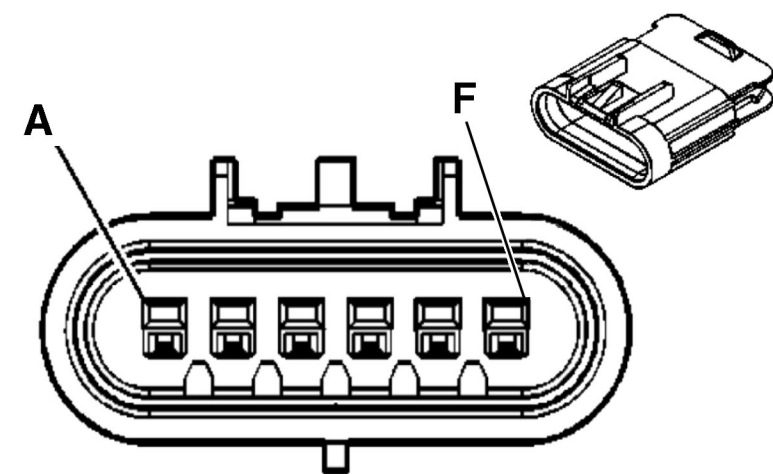
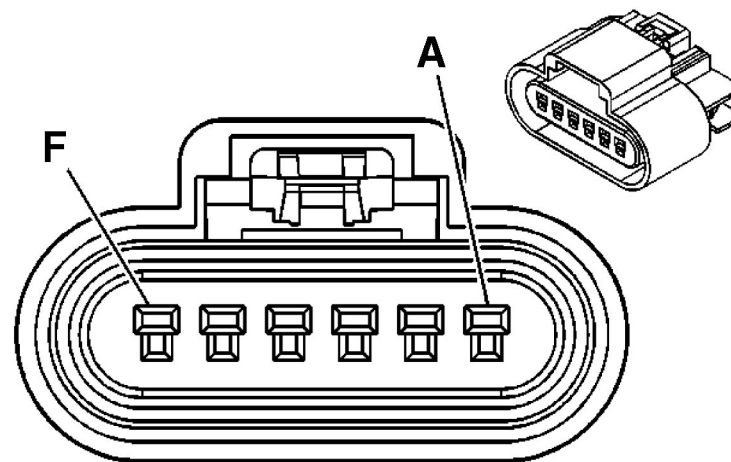
## C411 Chassis Harness to Left Rear Lamp Harness (Z75)

Connector: 6-Way F GT 150 Series, Sealed (BK)  
 O.E.M.: 15326829  
 Color: **BLK**  
 Service: 88953153

Pin	Wire Color	Circuit No.	Function
A	YE/BK	--	Left Rear Turn Signal Lamp Supply Voltage
B	YE	--	Left Rear Stop/Turn Lamp Supply Voltage
	L-BU	--	Stop Lamp Supply Voltage
C	BK	--	Ground
D	BN	--	Left Rear Park Lamps Supply Voltage
E	L-GN	--	Backup Lamp Supply Voltage
	OG	--	Rear Fog Lamp Supply Voltage
F	YE	--	Left Tail Lamp Outage Detection Signal

Connector: 6-Way M GT 150 Series, Sealed (BK)  
 O.E.M.: 15326833  
 Color: **BLK**  
 Service: 15326833

Pin	Wire Color	Circuit No.	Function
A	YE/BK	1334	Left Rear Turn Signal Lamp Supply Voltage
B	YE	18	Left Rear Stop/Turn Lamp Supply Voltage
	L-BU	20	Stop Lamp Supply Voltage
C	BK	1750	Ground
D	BN	2509	Left Rear Park Lamps Supply Voltage
E	L-GN	24	Backup Lamp Supply Voltage
	OG	122	Rear Fog Lamp Supply Voltage
F	YE	5356	Left Tail Lamp Outage Detection Signal



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

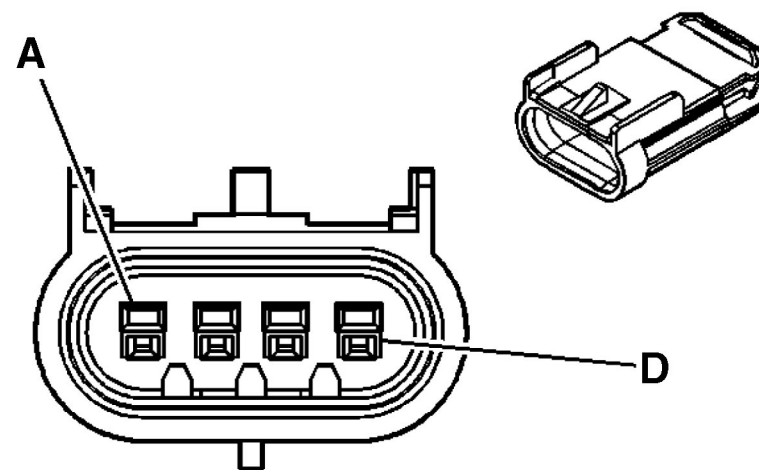
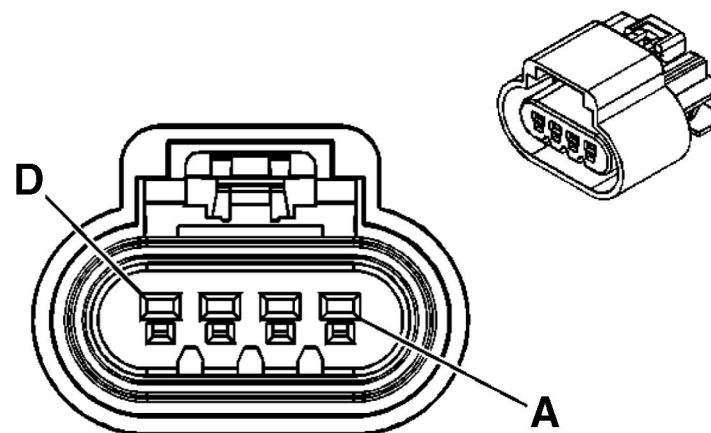
## C412 Chassis Harness to Right Rear Lamp Harness (Except E52/Z75)

Connector: 4-Way F GT 150 Series, Sealed (BK)  
 O.E.M.: 15326815  
 Color: **BLK**  
 Service: 15306396

Pin	Wire Color	Circuit No.	Function
A	D-GN	--	Right Rear Stop/Turn Lamp Supply Voltage
B	BK	--	Ground
C	BN	--	Right Rear Park Lamps Supply Voltage
D	L-GN	--	Backup Lamp Supply Voltage

Connector: 4-Way M GT 150 Series, Sealed (BK)  
 O.E.M.: 15326820  
 Color: **BLK**  
 Service: 15326820

Pin	Wire Color	Circuit No.	Function
A	D-GN	19	Right Rear Stop/Turn Lamp Supply Voltage
B	BK	1750	Ground
C	BN	2609	Right Rear Park Lamps Supply Voltage
D	L-GN	24	Backup Lamp Supply Voltage



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

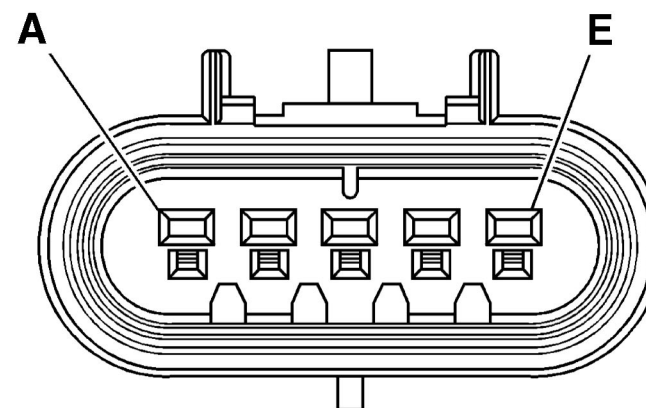
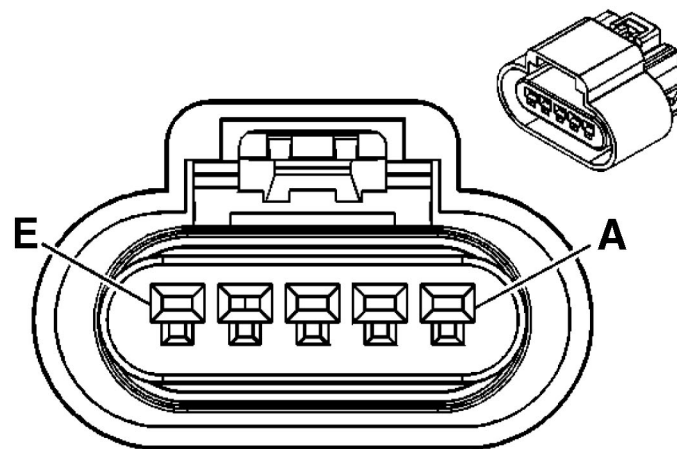
## C412 Chassis Harness to Right Rear Lamp Harness (E52 Except Z75)

Connector: 5-Way F GT 150 Series, Sealed (BK)  
 O.E.M.: 15326822  
 Color: **BLK**  
 Service: 88987186

Pin	Wire Color	Circuit No.	Function
A	D-GN/WH	--	Right Rear Turn Signal Lamp Supply Voltage
B	L-BU/BK	--	Stop Lamp Supply Voltage
C	BK	--	Ground
D	BN	--	Right Rear Park Lamps Supply Voltage
E	L-GN	--	Backup Lamp Supply Voltage

Connector: 5-Way M GT 150 Series, Sealed (BK)  
 O.E.M.: 15326827  
 Color: **BLK**  
 Service: 89046648

Pin	Wire Color	Circuit No.	Function
A	D-GN/WH	1335	Right Rear Turn Signal Lamp Supply Voltage
B	L-BU/BK	20	Stop Lamp Supply Voltage
C	BK	1750	Ground
D	BN	2609	Right Rear Park Lamps Supply Voltage
E	L-GN	24	Backup Lamp Supply Voltage



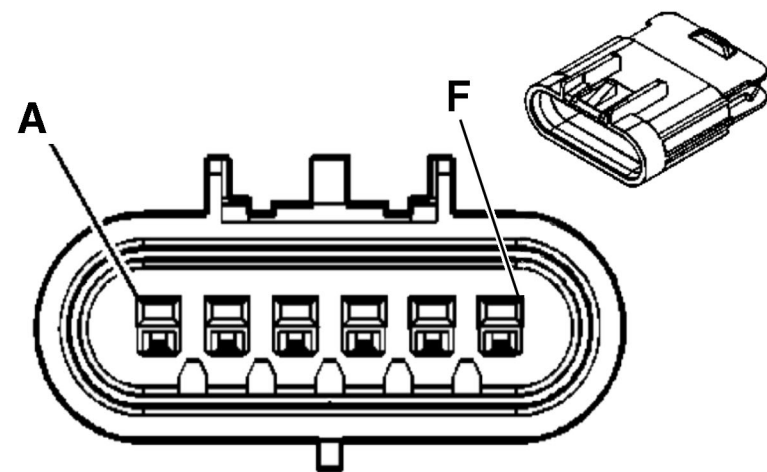
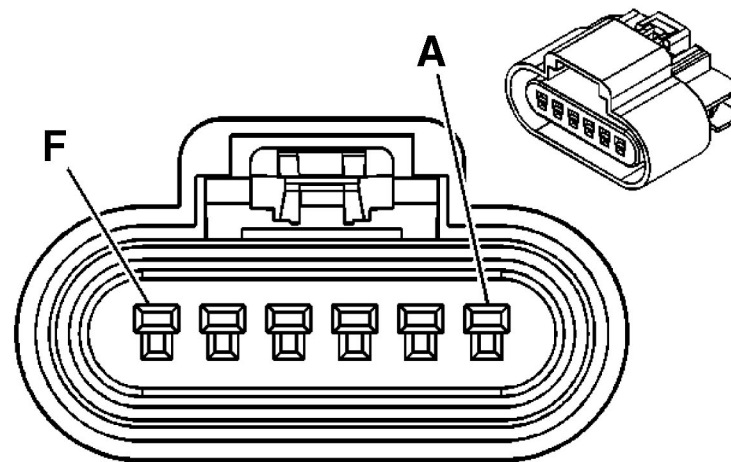
## C412 Chassis Harness to Right Rear Lamp Harness (Z75)

Connector: 6-Way F GT 150 Series, Sealed (BK)  
 O.E.M.: 15326829  
 Color: **BLK**  
 Service: 88953153

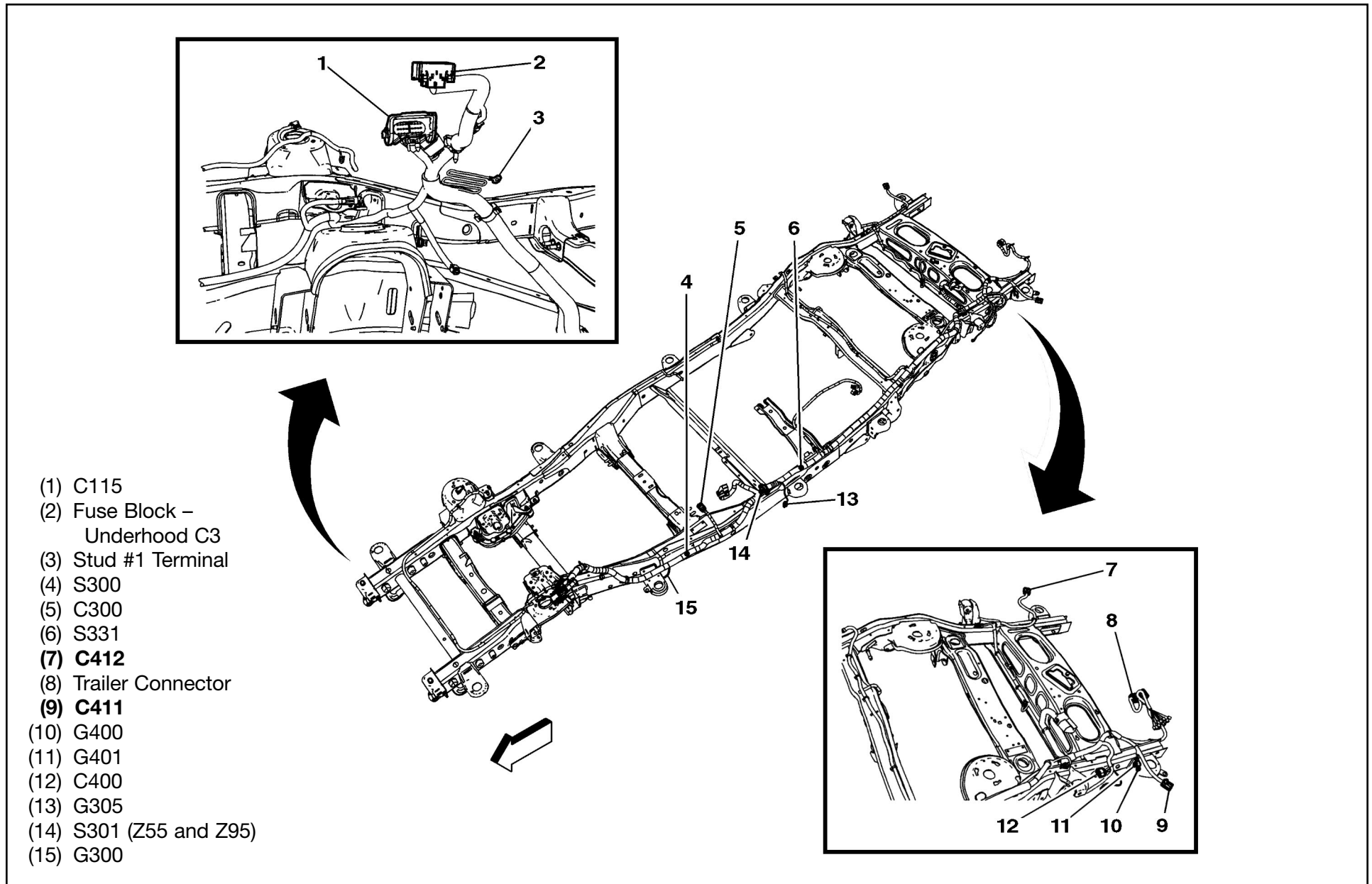
Pin	Wire Color	Circuit No.	Function
A	D-GN/WH	--	Right Rear Turn Signal Lamp Supply Voltage
B	D-GN	--	Right Rear Stop/Turn Lamp Supply Voltage
	L-BU/BK	--	Stop Lamp Supply Voltage
C	BK	--	Ground
D	BN	--	Right Rear Park Lamps Supply Voltage
E	L-GN	--	Backup Lamp Supply Voltage
F	PU	--	Right Tail Lamp Outage Detection Signal

Connector: 6-Way M GT 150 Series, Sealed (BK)  
 O.E.M.: 15326833  
 Color: **BLK**  
 Service: 15326833

Pin	Wire Color	Circuit No.	Function
A	D-GN/WH	1335	Right Rear Turn Signal Lamp Supply Voltage
B	D-GN	19	Right Rear Stop/Turn Lamp Supply Voltage
	L-BU/BK	20	Stop Lamp Supply Voltage
C	BK	1750	Ground
D	BN	2609	Right Rear Park Lamps Supply Voltage
E	L-GN	24	Backup Lamp Supply Voltage
F	PU	5357	Right Tail Lamp Outage Detection Signal

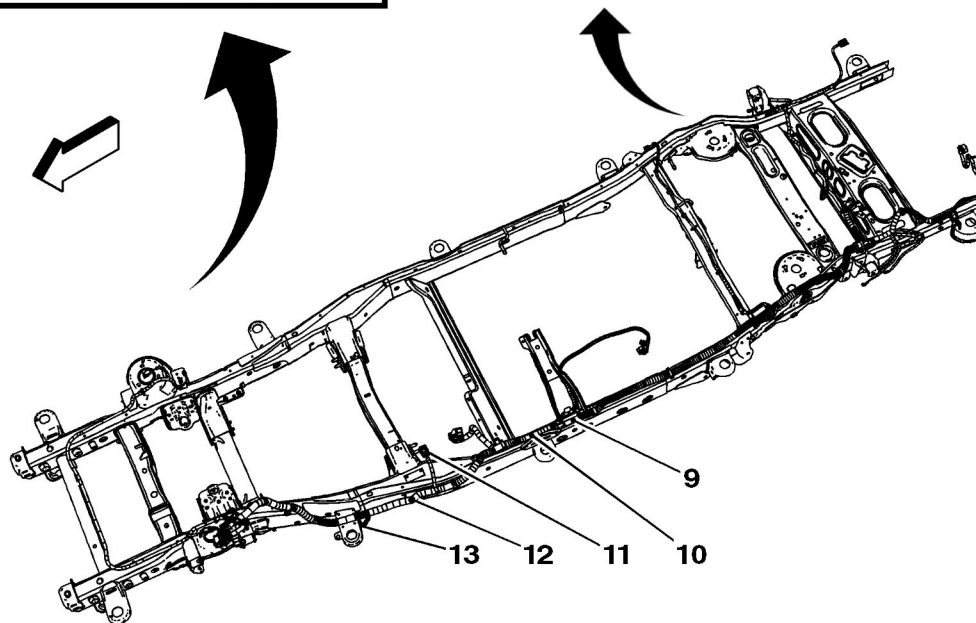
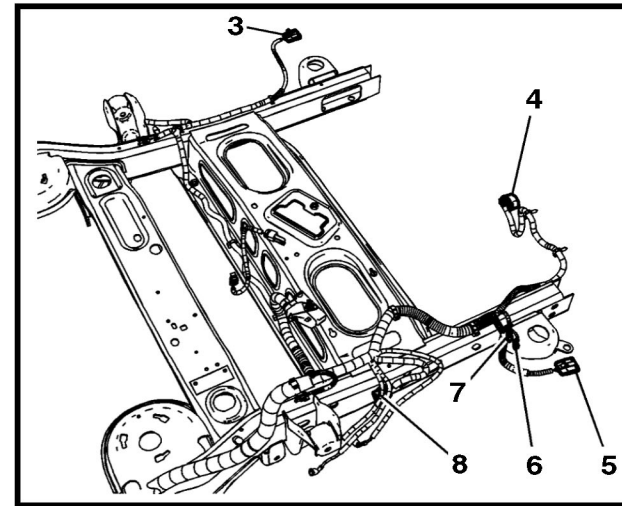
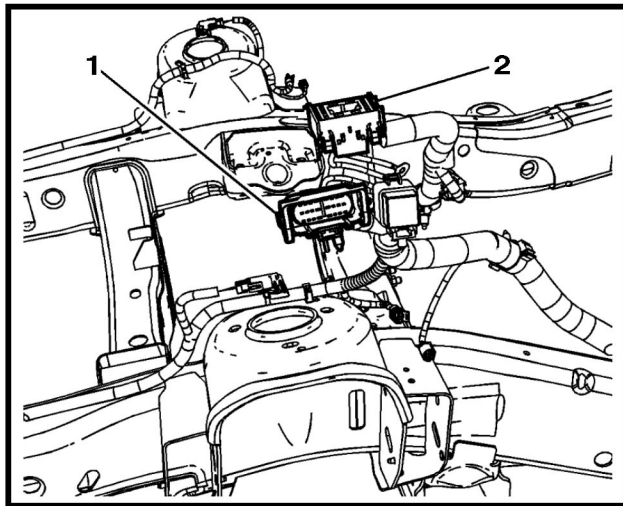


## C411 and C412 Location – Short Wheel Base



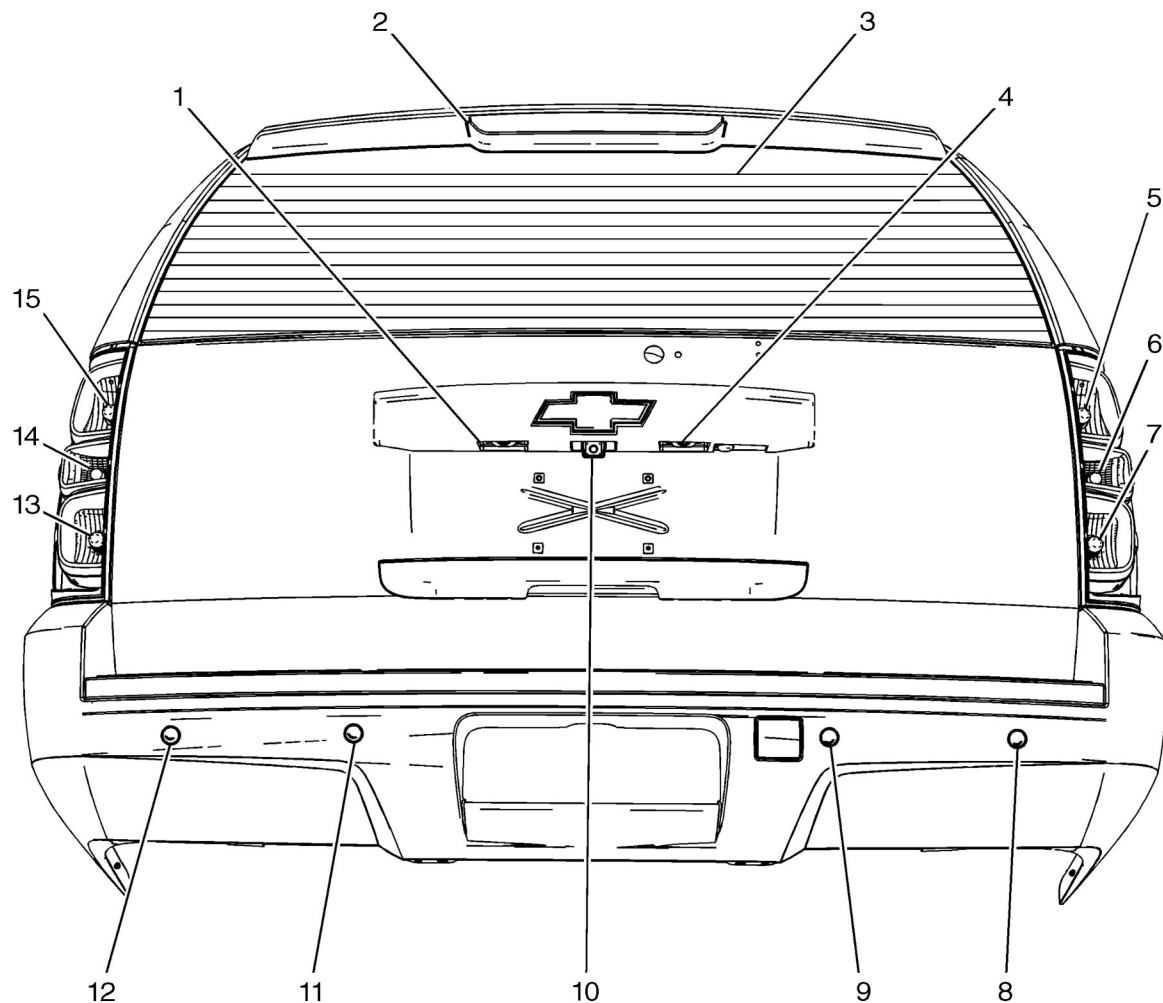


## C411 and C412 Location – Long Wheel Base



- (1) C115
- (2) Fuse Block –  
Underhood C3
- (3) **C412**
- (4) Trailer Connector
- (5) **C411**
- (6) G400
- (7) G401
- (8) C400 (Z55)
- (9) S331
- (10) S301 (Z55 and Z95)
- (11) C300
- (12) S300
- (13) G300

## Rear of the Vehicle (X88 w/E52)

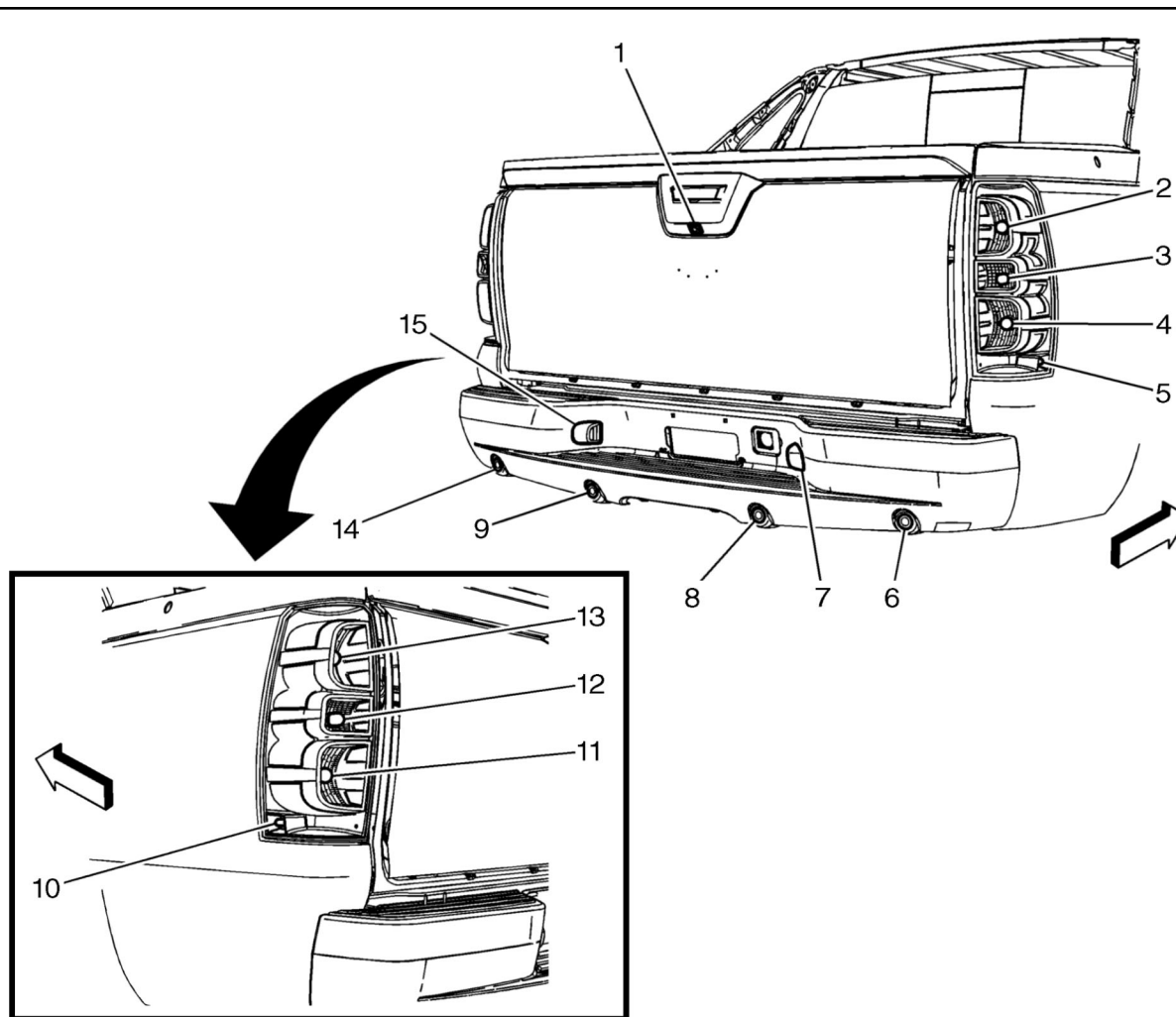


- (1) License Lamp – Left
- (2) Center High Mounted Stop Lamp (CHMSL)
- (3) Defogger Grid
- (4) License Lamp – Right
- (5) Tail/Stop Lamp – Right

- (6) Backup Lamp – Right
- (7) Tail/Turn Signal Lamp – Right
- (8) Object Sensor – RR Corner
- (9) Object Sensor – RR Middle
- (10) Rearview Camera (UVC) (E52)

- (11) Object Sensor – LR Middle
- (12) Object Sensor – LR Corner
- (13) Tail/Turn Signal Lamp – Left
- (14) Backup Lamp – Left
- (15) Tail/Stop Lamp – Left

## Rear of the Vehicle (X88 Except E52)



- (1) Rearview Camera (UVC)
- (2) Tail/Stop Lamp – Right
- (3) Backup Lamp – Right
- (4) Tail/Turn Signal Lamp – Right
- (5) Marker Lamp – RR

- (6) Object Sensor – RR Corner
- (7) License Lamp – Right
- (8) Object Sensor – RR Middle
- (9) Object Sensor – LR Middle
- (10) Marker Lamp – LR

- (11) Tail/Turn Signal Lamp – Left
- (12) Backup Lamp – Left
- (13) Tail/Stop Lamp Left
- (14) Object Sensor – LR Corner
- (15) License Lamp – Left

## Trailer Connector

Connector: 7-Way F Metri-Pack 280 630 Series, Sealed  
 OEM: 15354653  
 Color: **BLK**  
 Service: 15306164

**Pins: B**

Terminal/Tray: 12052456/3  
 Core/Insulation Crimp: TBD  
 Release Tool/Test Probe: TBD

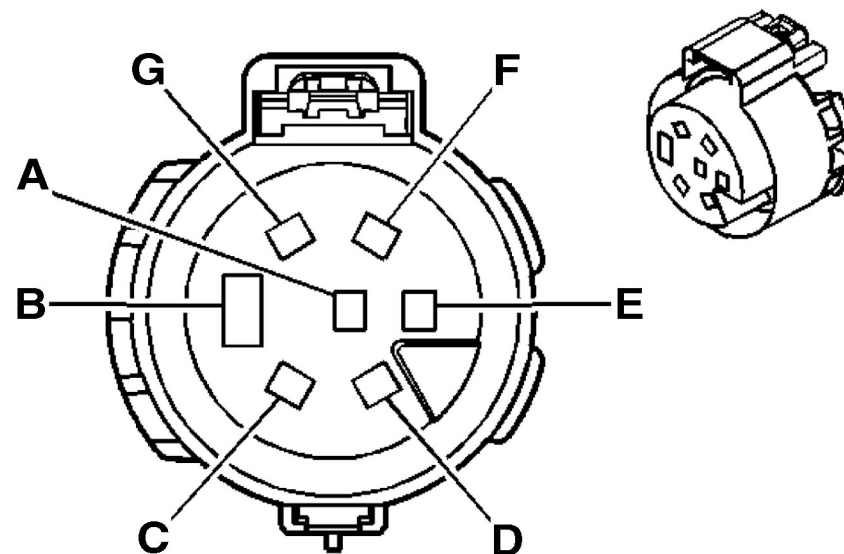
**Pins: A, D, F, G**

Terminal/Tray: 12110847/4  
 Core/Insulation Crimp: C/5  
 Release Tool/Test Probe: 15315247/J-35616-4A (PU)

**Pins: C, E**

Terminal/Tray: 12110845/4  
 Core/Insulation Crimp: F/5  
 Release Tool/Test Probe: 15315247/J-35616-4A (PU)

Pin	Wire Color	Circuit No.	Function
A	L-GN	1624	Trailer Backup Lamp Supply Voltage
B	WH	22	Ground
C	D-BU	47	Trailer Auxiliary Supply Voltage
D	D-GN	1619	Trailer Right Rear Turn/Stop Lamp Supply Voltage
E	RD/BK	742	Battery Positive Voltage
F	BN	2109	Trailer Park Lamp Supply Voltage
G	YE	1618	Trailer Left Rear Turn/Stop Lamp Supply Voltage



## Preface: Electrical Schematic Index

**THESE SCHEMATICS APPLY TO THE 2007 GMT900 UTILITIES ONLY**

**•Preface**

- Electrical Schematic Index
- Support Information
- Change Log

**•AWD/4WD**

- Active 4wd

**•Brakes/Veh. Speed**

- ABS-HD
- Base - Foundation
- Vehicle Stability Enhancement System

**•Charging**

- Base - Gas

**•Closures/Mirrors**

- Retractable Running Boards
- Power Liftgate
- OAT / Compass / Electrochromic
- Power O/S Rear View Mirrors w/Mods
- Sunroof - Base

**•Displays**

- Analog Clock
- DIC & IPC - Chevy/GMC
- DIC & IPC - Cadillac

**•Engine Controls**

- Gas - V8

**•Fan Controls**

- Electric - Dual

**•Fuel Systems**

- Fuel Systems

**•Ground Distribution**

- Ground Distribution

**•Horns**

- Horns

**•HVAC**

- Automatic
- Defog with Door Modules
- Manual

**•Infotainment & Telematics**

- Radio Frequency Antenna
- Audio
- Navigation
- OnStar
- Rear Seat Audio
- Rear Seat Entertainment
- SDARS
- Speakers - Base / Uplevel
- Speakers - Premium (Non-Luxury)
- Speakers - Premium (Luxury)
- Speakers - Police Package

**•Lights - Exterior**

- Back Up Lamps
- Cargo Lamps
- Emergency Lamp
- Fog Lamps
- Headlamps
- Park Lamps
- Police Lightning Provisions
- Rear Lamps Asm
- Stop/Turn

**•Lights - Interior**

- Lights - Interior

**•Obstacle Detection**

- Ultrasonic Park Assist - Rear
- Rear Vision Camera

**•Positioning/Comfort**

- Electric Adjust Pedals
- Electric Adjust Pedals w/Memory
- Cooled/Heated Seats - Front w/Memory
- Heated Seats - Front w/Memory
- Heated Seats - Rear
- Power Driver Seat
- Power Driver Seat w/Memory
- Power Passenger Seat
- Power Fold & Tumble 2nd Row Seats
- Heated Steering Wheel

**•Protection**

- SIR

**•Power Distribution**

- Power Distribution

**•Power Moding/Serial Data**

- Power Moding/Serial Data

**•Power - External**

- Power Outlets
- Cigar Lighter
- Mobile Radio Provisions
- Police Power
- Trailer Brakes
- Trailer Wiring
- Export Trailer
- Upfitter/SEO

**•Steering**

- Steering Wheel Controls

**•Suspension Controls**

- Damping-Automatic (10 Series)
- Damping-Automatic (20 Series)
- Leveling 2 Corner (10 Series)

**•Transmission Controls**

- Trans Shift Interface
- 4L60E/4L65E
- 4L80E/4L80E-HD
- 6L80/6L90

**•VASS**

- Miscellaneous
- 2 Door Modules
- Remote Function Actuator - Tire Pressure Monitor
- Theft (Drive Away)
- Universal Garage Door Opener

**•Windows**

- Express Down, 2 Door Modules

**•Wipe/Wash**

- Front Wipers
- Rear Wipe/Washer

**•Appendix**

- BCM
- DDM
- PDM
- Module-Export
- Switchbank-IP

**•Note: All "POA" & "PT" Harnesses shown are for Reference Only. Please see appropriate Component Drawings for Details.**

Preface: Electrical Schematic Index

Preliminary 07 GMT900 1\_07\_0\_index

Panel Set: 1 of 1 schematic sheet1 3

REVISION

013

STAGE

SSF 1

VERSION

1

Friday, September 30, 2005

LAST CHANGED BY

10:54:21 am

ORGANIZATION

GMT900

USAGE

GM Proprietary

## Preface: Support Information

### •Acronyms

- 2WD = Two Wheel Drive
- 4WD = Four Wheel Drive
- A/D = Analog to Digital
- AIR = Air Injection Reaction
- ACCY = Accessory
- AMP = Amplifier or "Current"
- ANLG = Analog
- A/V = Audio/Video
- ABS = Antilock Brake System
- AOS = Auxiliary Occupant Sensing
- ASM = Assembly
- AUX = Auxiliary
- AWD = All Wheel Drive
- BASS = Brake Apply Sensing System
- BATT = Battery
- BCM = Body Control Module
- BEC = Bussed Electrical Center
- BOT = Bottom Of Travel
- CHMSL = Center High Mounted Stop Lamp
- CTSY = Courtesy
- DDM = Driver Door Module
- DIC = Driver Information Center
- DLC = Diagnostic Link Connector
- DLIS = Discrete Logic Ignition Switch
- DOD = Displacement On Demand
- DR = Door
- DRL = Daytime Running Lamps
- DVC = Dual Voice Coil
- DVD = Digital Versatile Disc
- E85 = Ethanol 85%
- EAP = Electric Adjustable Pedals
- ECC = Electronic Climate Control
- ECM = Engine Control Module
- EGR = Exhaust Gas Recirculation
- EHPS = Electro-Hydraulic Power Steering
- EK = Easy Key
- EOSS = Engine Output Speed Sensor
- ESD = Electro Static Discharge
- ETC = Electronic Throttle Control
- EV = Electro-Viscous
- EXP = Export
- EXT = External or Exterior
- FREQ = Frequency
- FRT = Front
- FTP = Flash To Pass
- GMHS = GM High Speed LAN
- GMLS = GM Low Speed LAN
- GND = Ground
- GPM = Glow Plug Module
- GPS = Global Positioning System
- HCM = Hybrid Control Module

### •Acronyms (continued)

- HDI = High Discrete Input
- HDLP = Headlamp
- HID = High Intensity Discharge
- HSD = High Side Drive
- HVSM = Heated/Vented Seat Module
- HVAC = Heat Vent Air Condition
- IAH = Intake Air Heater
- IAT = Intake Air Temperature
- INC DIM = Incandescent Dimming
- IND DIM = Indicator Dimming
- IPC = Instrument Panel Cluster
- IR = Infrared
- ISRVM = Inside Rear View Mirror
- LBEC = Left BEC
- LDI = Low Discrete Input
- LF = Left Front
- LED = Light Emitting Diode
- LED DIM = LED Dimming
- LGM = Liftgate Module
- LH = Left Hand
- LIN = Linear Interconnect Network
- LOMA = Lifter Oil Manifold Assembly
- LPM = Linear Power Module
- LR = Left Rear
- LSD = Low Side Drive
- MAF = Mass Air Flow
- MAP = Manifold Absolute Pressure
- MAT = Manifold Air Temperature
- MBEC = Mid BEC
- MDD = Medium Duty Dual Side Clutch
- MDL = Module
- MOV = Metal Oxide Varistor
- MR = Magneto-Rheological
- MSM = Memory Seat Module
- MTR = Motor
- NC = Normally Closed
- NO = Normally Open
- OSRVM = Outside Rear View Mirror
- PAS or PASS = Passenger
- PCP = Pre-Charge Pump
- PDM = Passenger Door Module
- PD = Pull Down
- POA = Part Of Assembly
- PPM = Pulse Per Minute
- PPS = Pedal Position Sensor
- PRNDL = Park Reverse Neutral Drive Low
- PSIR = Passenger SIR
- PTC = Positive Temperature Coefficient
- PTO = Power Take Off
- PTR = Powertrain Relay
- PU = Pull Up

### •Acronyms (continued)

- PWM = Pulse Width Modulation
- PWR = Power
- R/C = Run/Crank
- RAP = Retained Accessory Power
- RF = Right Front
- RFA = Remote Function Actuator
- RH = Right Hand
- RHBLK = Right Hand Block (Bussing)
- RPO = Regular Product Option
- RR = Right Rear
- RRBLK = Rear Block (Bussing)
- RSA = Rear Seat Audio
- RSE = Rear Seat Entertainment
- RTD = Real Time Damping
- RVC = Regulated Voltage Control
- RWS = Rear Wheel Steer
- SBAT = Switched Battery
- SDARS = Satellite Digital Audio Radio Services
- SDM = Sensing & Diagnostic Module
- SENS = Sensor or Sensing
- SEO = Special Equipment Option
- SIR = Supplemental Inflatable Restraint
- SNRF = Sunroof
- SRC = Source
- STRG = Steering
- SW = Switch
- SWC = Steering Wheel Controls
- TCM = Transmission Control Module
- TISS = Transmission Input Speed Sensor
- TOSS = Transmission Output Speed Sensor
- TOT = Top Of Travel
- TPS = Throttle Position Sensor
- TRLR = Trailer
- TURSS = Turbine Speed Sensor
- TUTD = Tap Up Tap Down
- UBEC = Underhood BEC
- UGDO = Universal Garage Door Opener
- UPA = Ultrasonic Park Assist
- VAR = Variable
- VASS = Vehicle Access & Starting Security
- VHSS = Variable Height Suspension System
- VNC = Vehicle Noise Control
- VSES = Vehicle Stability Enhancement System
- WFHS = Washer Fluid Heating System
- WIF = Water In Fuel
- WUA = Wake Up Analog
- WUD = Wake Up Dual Edge
- WUF = Wake Up Falling Edge
- WUR = Wake Up Rising Edge
- XCVR = Transceiver

#### Preface: Support Information

Preliminary 07 GMT900 1\_07\_0\_info REVISION 013 STAGE SSF 1 VERSION 1 LAST CHANGED BY 11:43:47 am ORGANIZATION GMT900 USAGE

Panel Set: 1 of 4 schematic sheet 5 SIVEDWORK/1\_07\_0\_info\_013

Thursday, December 22, 2005

GM Proprietary

## Preface: Support Information

### •Miscellaneous Information

- C = 2WD
- K = 4WD
- 03 = Regular Cab Pickup
- 43 = Crew Cab Pickup
- 53 = Extended Cab Pickup
- 06 = Utility (Both 706 & 906)
- 706 = Regular Utility
- 906 = Large Utility
- 36 = Ultimate Utility Vehicle (UUV)
- 10 = Series (Pickup/Utility/UUV)
- 20 = Series (Pickup/Utility/UUV)
- 30 = Series (Pickup)
- 31 = Series (Cab Chassis)

### •900 Numbers

- 901 - Light Duty Pickups - Chevy Silverado
- 902 - Light Duty Pickups - GMC Sierra, (GMC Sierra Denali?)
- 911 - Heavy Duty Pickups - Chevy Silverado
- 912 - Heavy Duty Pickups - GMC Sierra, (GMC Sierra Denali?)
- 921 - Utility - Chevrolet Tahoe
- 922 - Utility - GMC Yukon, (GMC Yukon Denali?)
- 926 - Utility - Cadillac Escalade
- 931 - Large Utility - Chevrolet Suburban
- 932 - Large Utility - GMC Yukon XL, (GMC Yukon Denali XL?)
- 936 - Large Utility - Cadillac Escalade ESV
- 941 - Sport Utility Truck - Chevrolet Avalanche
- 946 - Sport Utility Truck - Cadillac Escalade EXT

### •Vehicles by RPO

- 03/43/53 = Chevrolet Silverado / GMC Sierra / GMC Sierra Denali
- 03/43/53&X88 = Chevrolet Silverado
- 03/43/53&Z88 = GMC Sierra / GMC Sierra Denali (43 Only)
- 06 = Cadillac Escalade / Cadillac Escalade ESV / Chevrolet Tahoe / Chevrolet Suburban / GMC Yukon / GMC Yukon Denali / GMC Yukon XL / GMC Yukon Denali XL
- 06&X88 = Chevrolet Tahoe / Chevrolet Suburban
- 06&Z75 = Cadillac Escalade / Cadillac Escalade ESV
- 06&Z88 = GMC Yukon / GMC Yukon Denali / GMC Yukon XL / GMC Yukon Denali XL
- 06&Z88&Y91 = GMC Yukon Denali / GMC Yukon Denali XL
- 36 = Chevrolet Avalanche / Cadillac Escalade EXT
- 36&X88 = Chevrolet Avalanche
- 36&Y91/Z75 = Cadillac Escalade EXT
- 43&Y91 = GMC Sierra Denali
- 43&Y91&Z88 = GMC Sierra Denali
- 706 = Cadillac Escalade / Chevrolet Tahoe / GMC Yukon / GMC Yukon Denali
- 706&X88 = Chevrolet Tahoe
- 706&Y91 = Cadillac Escalade / GMC Yukon Denali
- 706&Y91&Z88 = GMC Yukon Denali
- 706&Z75 = Cadillac Escalade
- 706&Z88 = GMC Yukon / GMC Yukon Denali
- 906 = Cadillac Escalade ESV / Chevrolet Suburban / GMC Yukon XL / GMC Yukon Denali XL
- 906&X88 = Chevrolet Suburban
- 906&Y91 = Cadillac Escalade ESV / GMC Yukon Denali XL
- 906&Y91&Z88 = GMC Yukon Denali XL
- 906&Z75 = Cadillac Escalade ESV
- 906&Z88 = GMC Yukon XL / GMC Yukon Denali XL

### Preface: Support Information

Preliminary 07 GMT900 1\_07\_0\_info REVISION STAGE VERSION LAST CHANGED BY 11:43:47 am ORGANIZATION USAGE  
Panel Set: 2 of 4 schematic sheet1 5 SIVEDWORK/1\_07\_0\_info\_013 SSF 1 Thursday, December 22, 2005 GMT900

GM Proprietary

## Preface: Support Information

### •RPOs

- 03 = Regular Cab Pickup
- 06 = Utility (Applicable to both 706 & 906)
- 36 = Ultimate Utility Vehicle (UUV)
- 43 = Crew Cab Pickup
- 53 = Extended Cab Pickup
- 706 = Regular Utility
- 906 = Large Utility
- 5W4 = Special Service Package (4WD Police Package)
- (5W4 contains 6J1, 6J3, 6J4, 6J7, 7X6, 7X7, 9G8, TRW, WX7 & optionally 8Y9)
- 5X7 = Provisions - Wrecker Emergency Lamp (SEO)
- 5Y0 = Wiring Provisions Body Builder Emergency Lamp (SEO)
- 6J1 = Power Supply, 100Amp at Dash and Rear Compartment
- 6J3 = Wiring Provisions, Grill Lamp & Speakers
- 6J4 = Wiring Provision, Horn/Siren
- 6J7 = Wiring Provision, Head Lamp & Tail Lamp Flasher
- 7X6 = Spot Lamp, LH
- 7X7 = Spot Lamp, LH & RH
- 7Z1 = Horn - Dual Hight Note (SEO)
- 8B0 = Dual Battery, 600 CCA & 770 CCA (SEO)
- 8S3 = Alarm B/U Electrical 97 Decibels (SEO)
- 8S8 = Wiring Provisions Odometer Security (SEO) {Unused?}
- 8X5 = Generator 105 Amp, Dual (SEO) (w/o YF2)
- 8Y9 - Dual Battery, 770 CCA
- 9G8 = DRL Delete
- 9L4 = Wiring Provisions 12V Power Supply
- A31 = Window, Electric Operated, Side
- A48 = Window RR Full Width, Sliding, Power
- ABV = Window Power Operated, RR Side Access Drs
- AG1 = Driver Power Seat
- AG2 = Passenger Power Seat
- AL0 = Auxiliary Occupant Sensing (AOS)
- AN3 = Memory Driver Seat & Passenger Seats
- AP3 = Lock Control, Entry Remote, Keyless Entry, Start
- AP8 = Lock Control, Entry Remote Entry, Extended Range (Remote Start Ready)
- ARS = Power Fold & Tumble 2nd Row Seats
- AS3 (with ASF) = Third Row Roof Rail Airbags
- ASF = Restraint Roof Side, LH & RH, Inflatable
- AU0 = Lock Control Remote Entry
- AU3-YE9 = Base Power Locks
- AZ3 = 40/20/40 Split Front Seat (with APO)
- BRS = Steps, Runningboard Side, Retractable, Power
- C25 = Wiper/Washer System, Rear Window
- C36 = Heater Auxiliary
- C42 = Manual Heater Only
- C49 = Rear Window Defog
- C67 = HVAC System Air Conditioning FRT Electronic Controls
- C69 = HVAC System RR Air Conditioner
- C99 = Switch Infl Rst I/P Mdl Man Suppression
- CE1 = Wiper System Windshield, Pulse, Moisture Sensitive

### •RPOs (continued)

- CF5 = Roof Sun, Glass, Sliding, Elec
- CJ2 = Dual HVAC System Auto Temp Cont
- CJ3 = Dual HVAC System Man Temp Cont
- D07 = Console Frt Compt, Floor, Custom
- DBL2751 = 2751 Double Ring Terminal
- DF5 = Mirror I/S R/V Electrochromic, Compass, O/S Temp Display
- DH6 = Mirror I/S, Visor Vanity, LH & RH Sunshade (ILLUM)
- DL3 = Mirror O/S LH & RH, Rem Cont, Elec, Heat, Pwr Fold, Turn Sig, Electrochromic
- DL8 = Mirror O/S LH & RH, Rem Cont, Elec, Heated, Manual Fold
- DNU = Equipment, Additional DVD Screen
- DPN = Mirror O/S LH & RH, Rem Cont, Elec, Heat, Turn Sig, Puddle
- DR4 = OSRVM, Electric, Heated, Light Sensitive, Power Folding, Turn Signal (Export?)
- E52 = One Piece Lift Gate With Lift Glass
- E61 = Door RR Liftgate, Power
- EVA = Evap Emission
- EXPORT = European Export Content (awaiting RPO)
- G69 = Level Control Auto, Air, HD
- HVY = Heavy Duty Models (20HD, 30, 31)
- (-HVY) = Light Duty Models (10, 20LD)
- JF3 = Brake System, Vacuum, ABS Controls, 7,000 Lbs
- JF4 = Pedals Adjustable, Power
- JF7 = Brake System, Vacuum, ABS Controls, 6,400 Lbs
- JH6 = Brake Hyd Power, 4 Whl Disc, 9,900 Lbs
- JH7 = Brake Hyd Power, 4 Whl Disc, 12,300 Lbs
- JL4 = Control Active Brake (VSES)
- K18 = Reactor System Air Injection, Electric
- K34 = Cruise Control, Electric
- K65 = Generators 105 Amp, Dual,
- KA6 = Heater Seat, Rear
- KA9 = Heater Steering Wheel
- KB6 = Heater Seat, Cooling, Frt
- L76 = 6.0L V8 Gasoline Engine (Aluminum - DOD)
- L92 = 6.0L V8 Gasoline Engine (Aluminum - DOD)
- LC9 = 5.3L V8 E85 Engine (Aluminum - DOD)
- LH6 = 5.3L V8 Gasoline Engine (Aluminum - DOD)
- LML = 6.6L V8 Diesel Engine, Duramax (Iron - Turbo)
- LMF = 5.3L V8 E85 Engine (Iron)
- LMG = 5.3L V8 Gasoline E85 Engine (Iron - DOD)
- LMM = 6.6L V8 Diesel Engine, Duramax (Iron - Dual Turbo)
- LU3 = 4.3L V6 Gasoline Engine (Iron)
- LY2 = 4.8L V8 Gasoline Engine (Iron)
- LY5 = 5.3L V8 Gasoline Engine (Iron - DOD)
- LY6 = 6.0L V8 Gasoline Engine (Iron)
- M30 = Transmission Auto 4 Speed, HMD, 4L60E, Electronic
- M70 = Transmission Auto 4 Spd, HMD, 4L70-E, Super Duty
- M96 = Transmission Manual 5 Speed, O/D
- MW7 = Transmission Auto 5 Speed, Allison LCT, O/D, Conv Clutch
- MYC = Transmission Auto 6 Speed, HMD, 6L80
- MYD = Transmission Auto 6 Speed, HMD, 6L90

### Preface: Support Information

Preliminary 07 GMT900 1\_07\_0\_info REVISION STAGE VERSION LAST CHANGED BY 11:43:47 am ORGANIZATION USAGE  
 Panel Set: 3 of 4 schematic sheet1 5 SIVEDWORK/1\_07\_0\_info\_013 013 SSF 1 Thursday, December 22, 2005 GMT900

GM Proprietary



## Preface: Support Information

### •RPOs (continued)

- (-NQZ) = Dual Fuel Tanks {NQZ = 18 Gal Fuel Tank Delete}
- NQF = Transfer Case Electric Shift Cont, Two Speed, Alum
- NQG = Transfer Case Manual Shift Cont, Two Speed, Alum
- NQH = Transfer Case Active, Two Speed, Push Button Control, Alum
- PPV = Police Package (2WD)
- (PPV contains 6J1, 6J3, 6J4, 6J7, 7X6, 7X7, 9G8, TRW, WX7, VSES Delete & optionally 8Y9)
- PTO = Provisions Power Take Off Controls
- R05 = Dual Rear Wheels
- SERIES10 = 10 Series (Pickup/Utility/UUV)
- SERIES20 = 20 Series (Pickup/Utility/UUV)
- SERIES30 = 30 Series (Pickup)
- SERIES31 = 31 Series (Cab Chassis)
- SPLSVRLS = Low Speed GMLAN Splice Saver
- T61 = Daytime Running Lamps
- T79 = Lamp Fog, Rr
- T96 = Lamp Fog, Frt
- TP2 = Auxiliary Battery
- TQ5 = Control Intelligent High Beam
- TR2 = Lamp Side Repeater (Export)
- TRW = Provisions - Roof Mount Emergency Lamp
- TZ0 = Transmission Manual 5 Speed, O/D
- U01 = Lamp Five, Roof Marker, Truck
- U2K = Digital Audio System S-Band (SDARS)
- U3R = Radio AM/FM Stereo, WX, Seek/Scan, CD, DVD, Nav, Clock, DSP, RDS, w/Voice Rec Micro (Cadillac)
- U3U = Radio AM/FM Stereo, Seek/Scan, DVD, CD, Clock ETR, Navigation, Voice Rec, MP3 (Chevy/GMC)
- U42 = Entertainment System Rear Seat (DVD)
- U84 = Antenna Body Side Window, Radio
- UA6 = Theft Deterrent System (Export)
- UD7 = Sensor Indicator Rear Parking Assist (Ultrasonic)
- UE1 = OnStar Remote
- UG1 = Opener Garage Door, Universal
- UJ6 = Indicator Low Tire Press
- UK3 = Electronic System Steering Wheel Accessory Controls
- UK6 = Radio Control Rear Seat & Earphone Jacks (Only Available with UQA/UQS)
- UL5 = Radio Delete
- UQ3 = Uplevel Speaker Package
- UQ5 = Base Speaker Package
- UQA-Y91 = Premium Non-Luxury Speaker System (6-Channel Bose)
- UQA&Y91 = Premium Luxury Speaker System (9-Channel Bose)
- UQS = Premium Luxury Speaker System (9-Channel Bose with Surround)
- UVB = Radio AM/FM Stereo, Seek/Scan, Auto Tone, CD, CD-R MP3, DVD, Nav, Clock, ETR, RDS (Chevy/GMC Non-Luxury)
- UVC = Camera Rear View
- UY2 = Wiring Provisions Camper & 5th Wheel Trailer
- UY7 = Wiring Harness Truck Trailer, HD
- VYU = Provisions Snow Plow
- WX7 = Speaker Wiring Provision

### •RPOs (continued)

- X88 = Chevrolet
- XA7 = Washer Nozzles, Heated, Windshield (WFHS)
- Y91 = Luxury Trim (Includes YE9)
- YE9 = Uplevel Trim
- (-YE9) = Base Trim
- YF2 = Sales Package Ambulance Upfitter (Generators, Lighting)
- Z49 = Export Canadian Modif Mandatory Base Equipment
- Z55 = Chassis Package Bi-State Real Time Damping
- Z75 = Cadillac
- Z82 = Trailer Provisions Special Equipment, H.D.
- Z88 = GMC

### Preface: Support Information

Preliminary 07 GMT900 sheet1 1\_07\_0\_info 5 SIVEDWORK/1\_07\_0\_info\_013 REVISION 013 STAGE SSF 1 VERSION 1 LAST CHANGED BY Thursday, December 22, 2005 11:43:47 am ORGANIZATION GMT900 USAGE

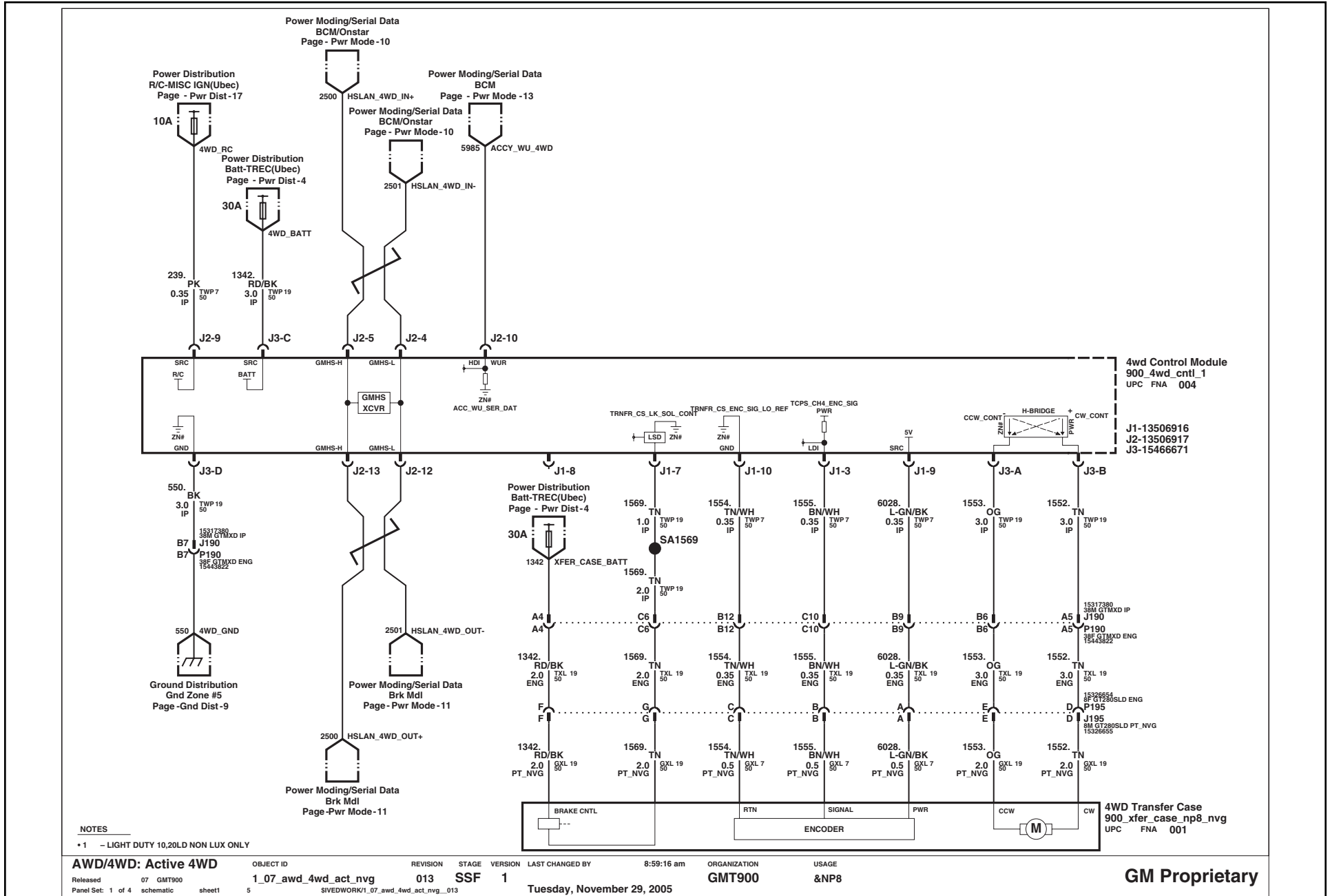
GM Proprietary

*Preface: Change Log*

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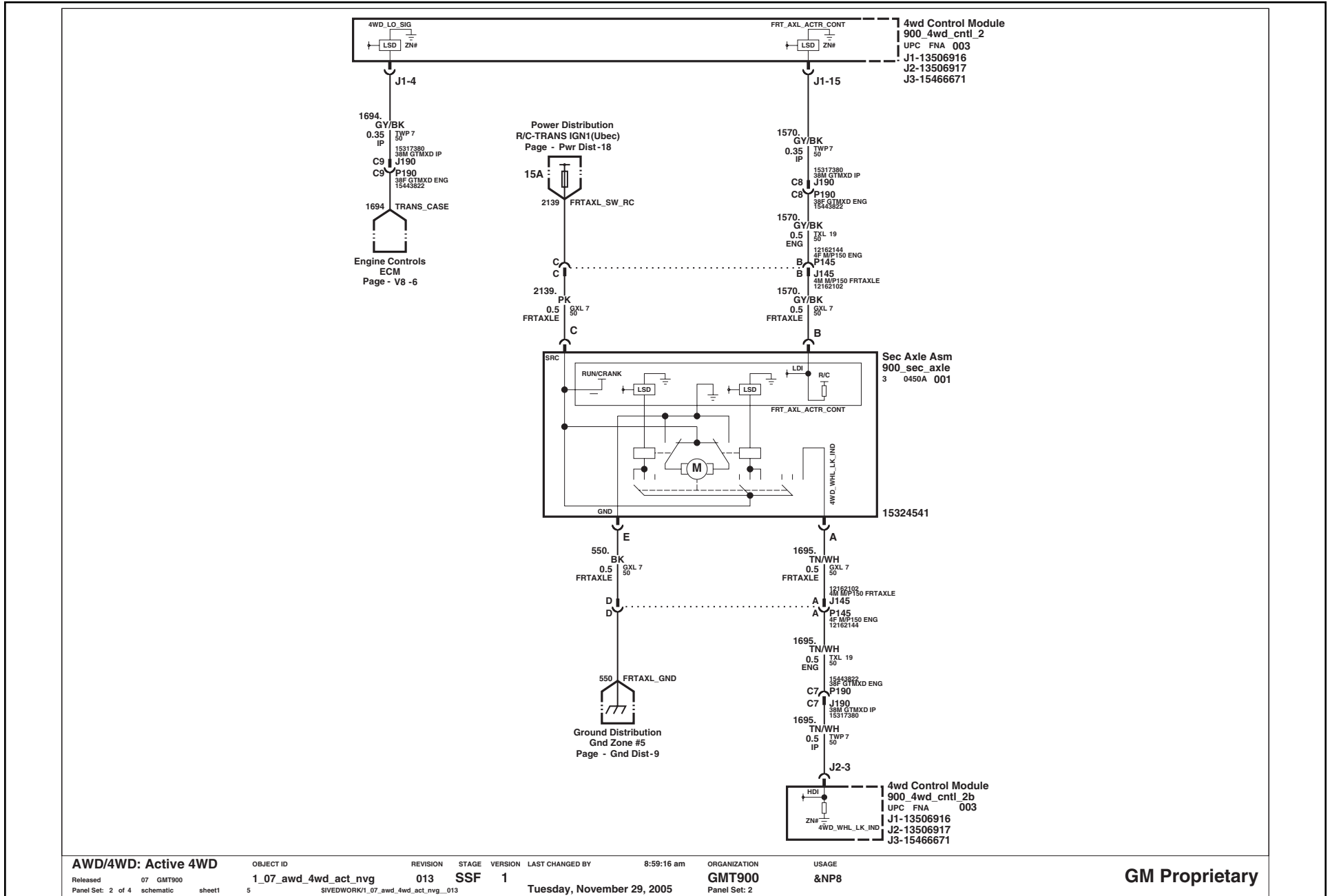
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## AWD/4WD: Active 4WD



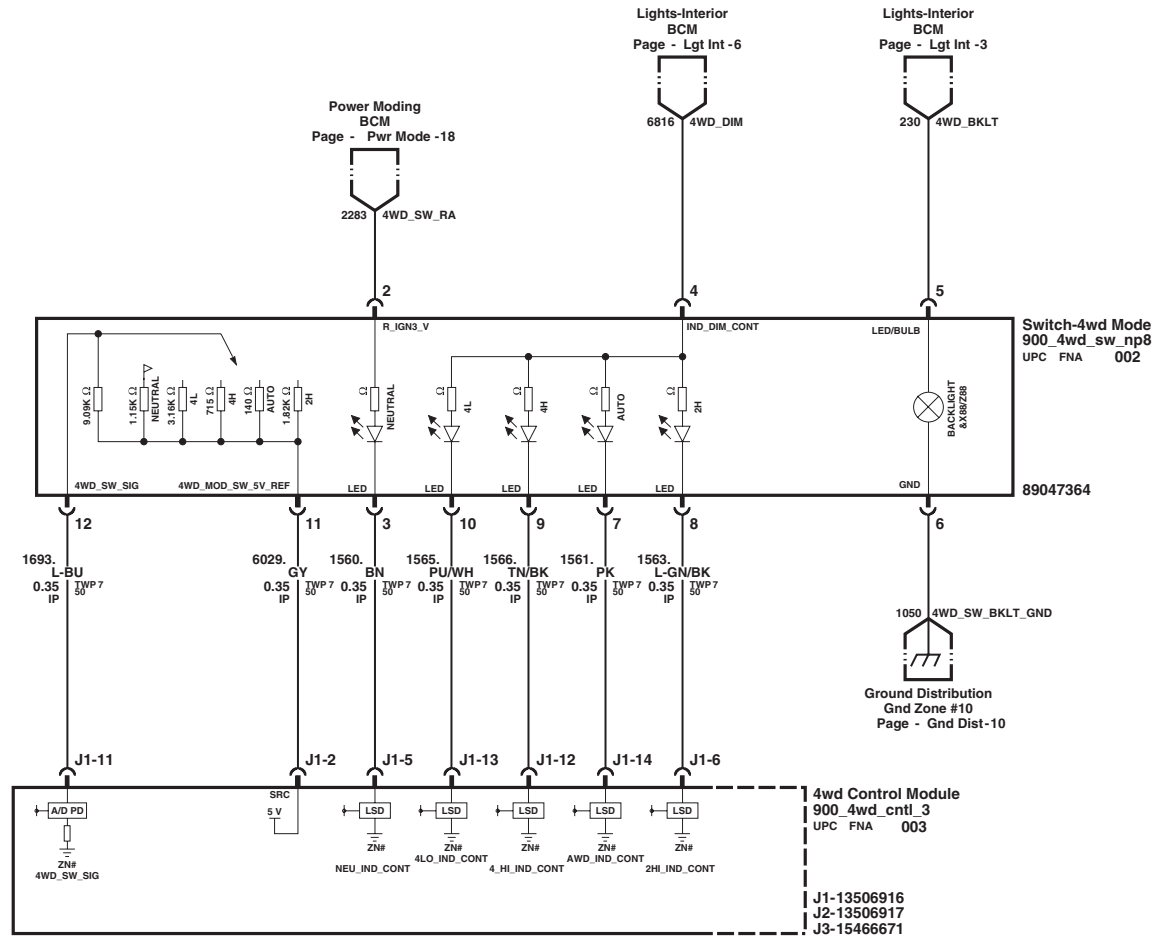
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## AWD/4WD: Active 4WD



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## AWD/4WD: Active 4WD



AWD/4WD: Active 4WD

Released 07 GMT900  
Panel Set: 3 of 4 schematic sheet1

OBJECT ID

1\_07\_awd\_4wd\_act\_nvq

5 SIVEDWORK/1\_07\_awd\_4wd\_act\_nvq\_013

REVISION

013

STAGE

SSF

VERSION

1

LAST CHANGED BY

Tuesday, November 29, 2005

8:59:16 am

ORGANIZATION

GMT900

Panel Set: 3

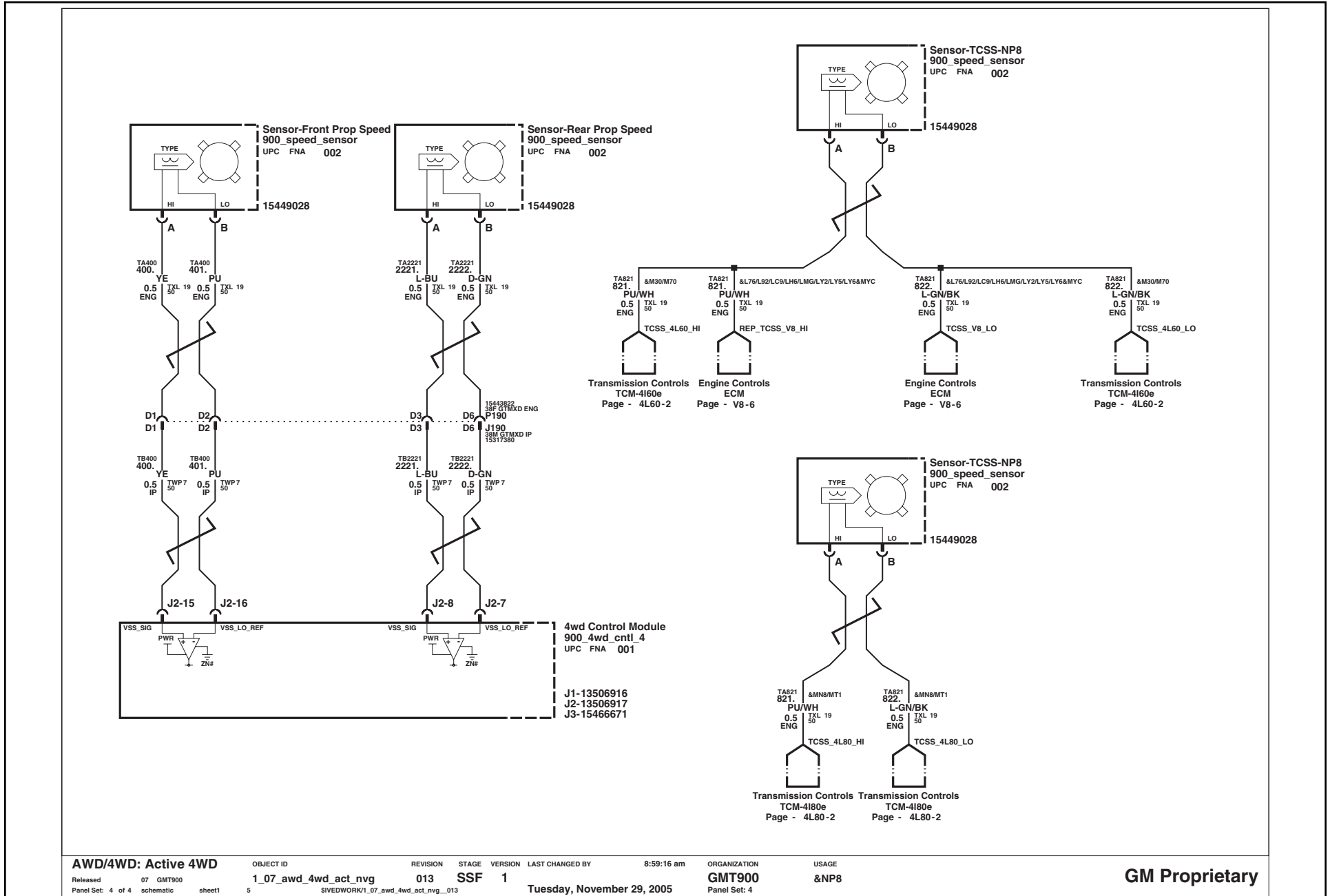
USAGE

&NP8

GM Proprietary

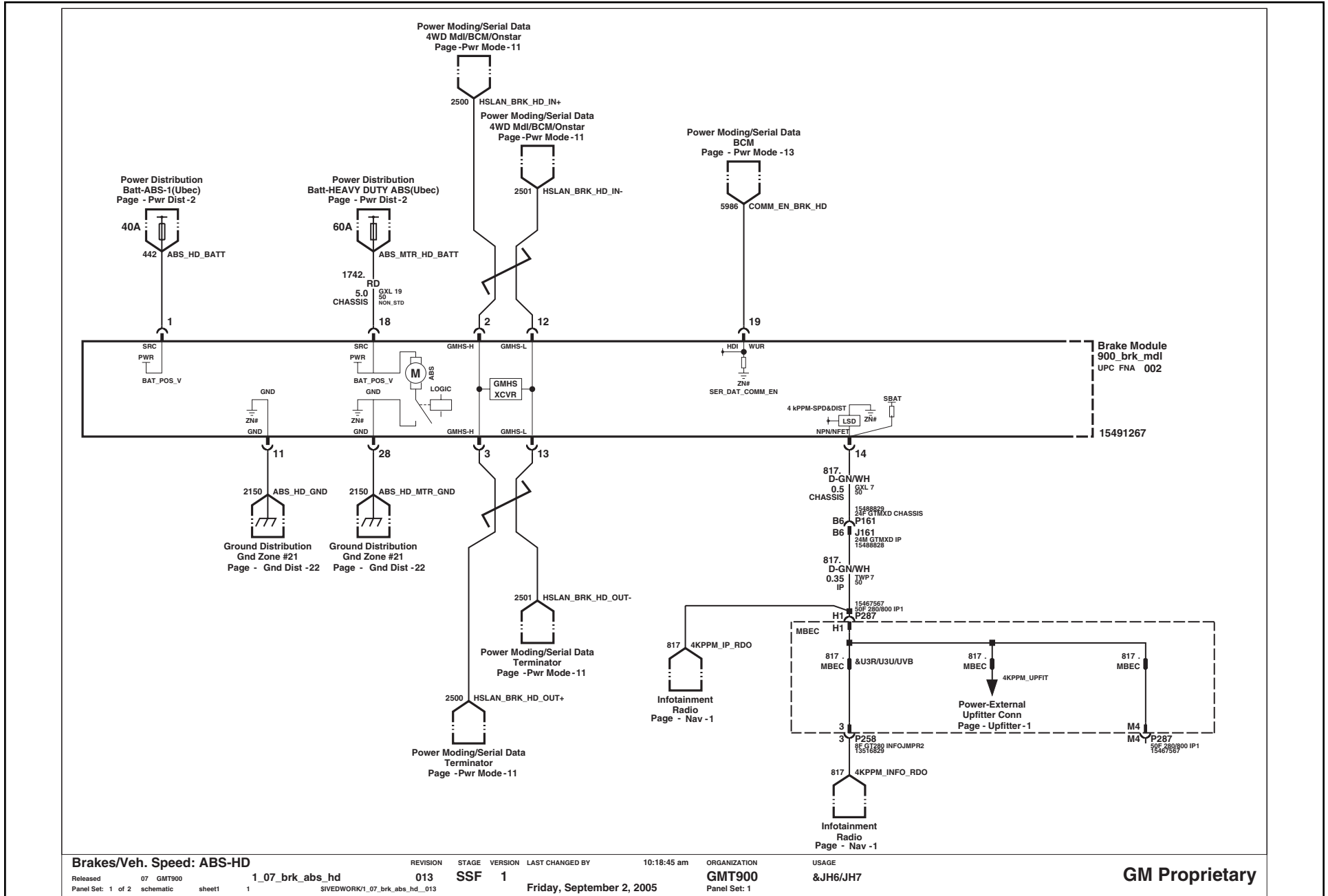
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## AWD/4WD: Active 4WD



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Brakes/Vehicle Speed: ABS-HD



Brakes/Veh. Speed: ABS-HD

Released 07 GMT900 1\_07\_brk\_abs\_hd  
 Panel Set: 1 of 2 schematic sheet1 1 SIVEDWORK/1\_07\_brk\_abs\_hd\_013

REVISION 013  
 STAGE SSF 1  
 VERSION 1  
 LAST CHANGED BY Friday, September 2, 2005

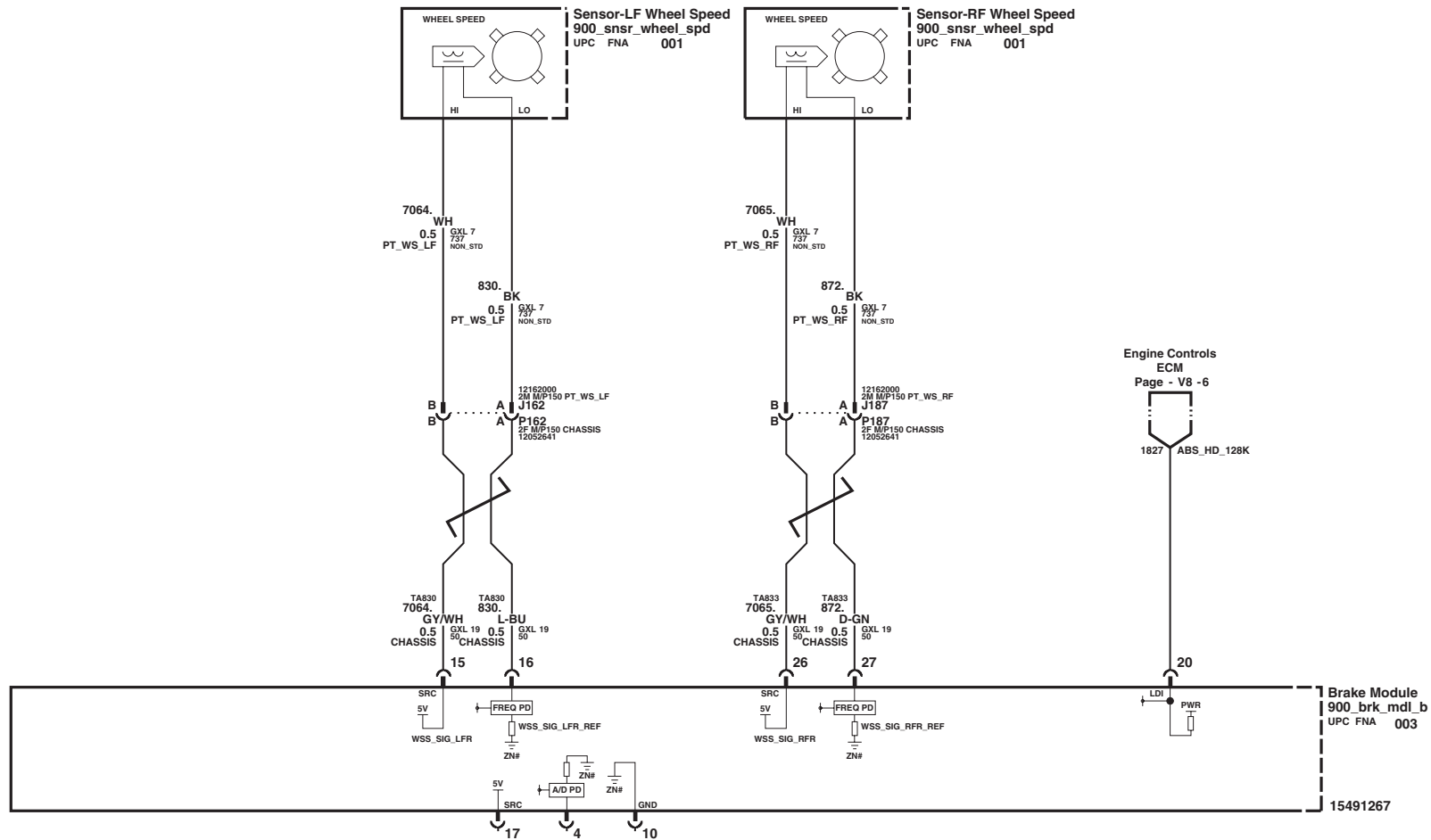
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USAGE &JH6/JH7

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# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Brakes/Vehicle Speed: ABS-HD



**Brakes/Veh. Speed: ABS-HD**

Released 07 GMT900 1\_07\_brk\_abs\_hd  
Panel Set: 2 of 2 schematic sheet1 1

REVISION 013  
STAGE SSF  
VERSION 1  
LAST CHANGED BY SIVEDWORK/1\_07\_brk\_abs\_hd\_013  
Friday, September 2, 2005

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USAGE &JH6/JH7

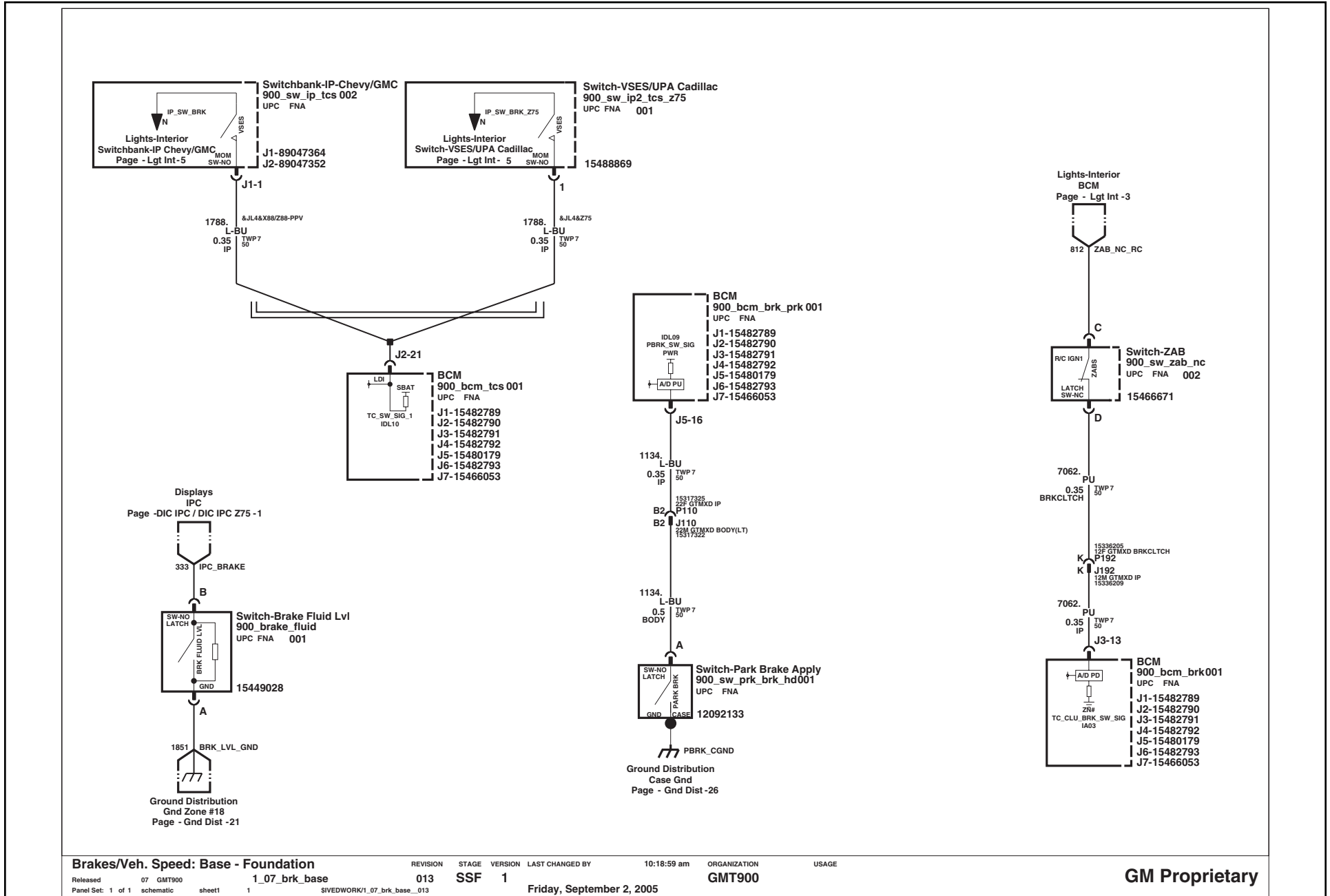
**GM Proprietary**



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

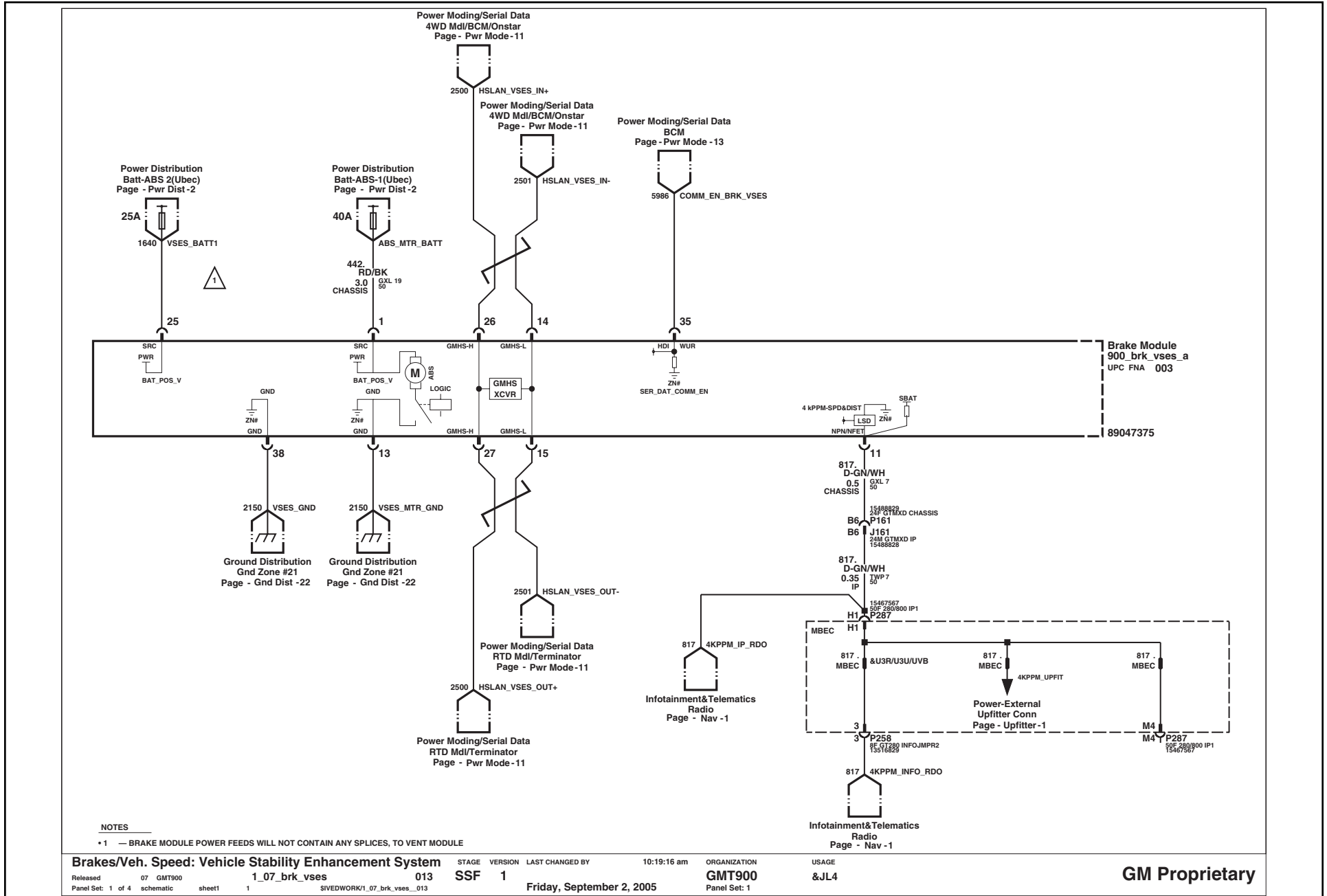
PAGE D-13

## Brakes/Vehicle Speed: Base – Foundation



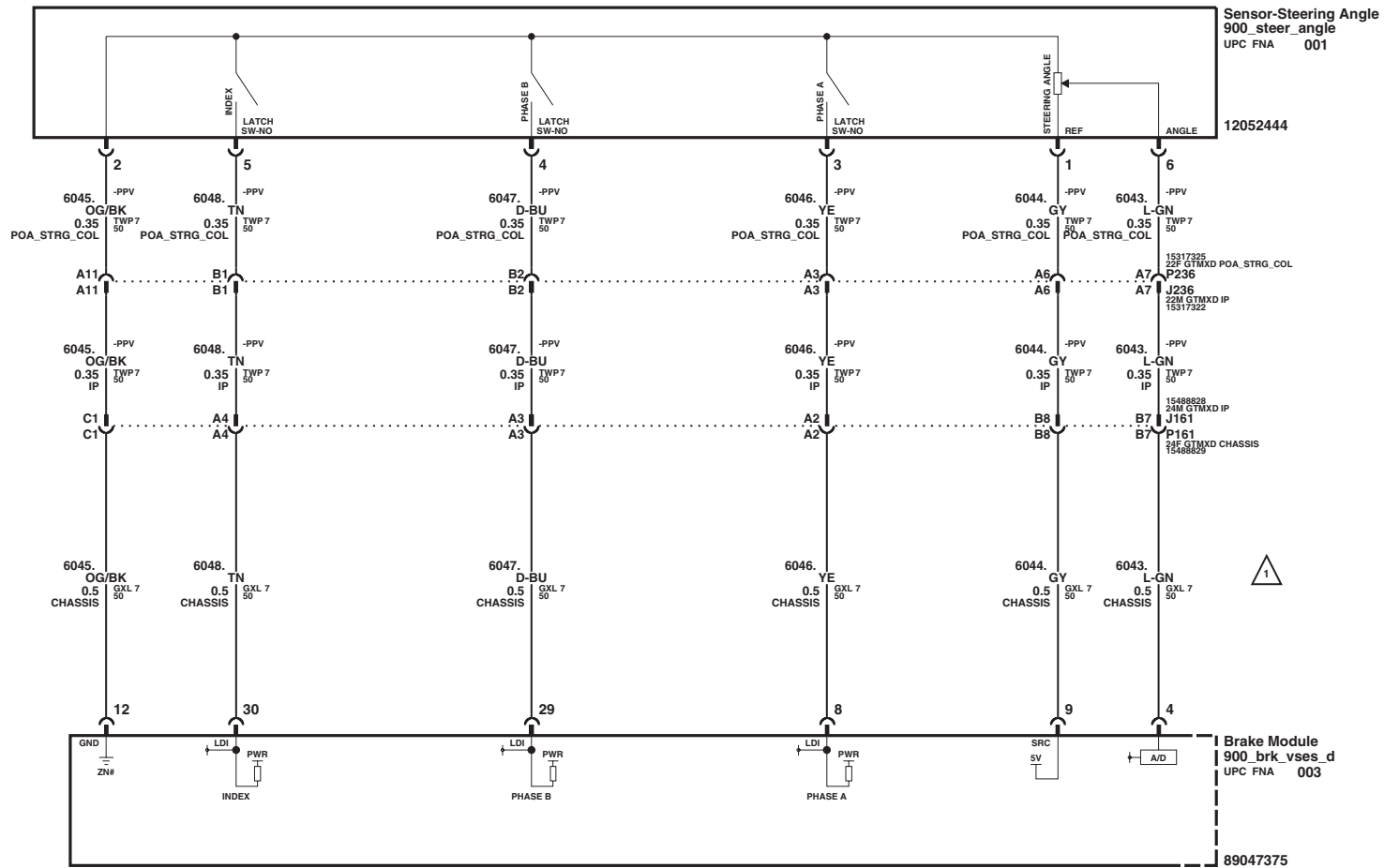
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Brakes/Vehicle Speed: Vehicle Stability Enhancement System



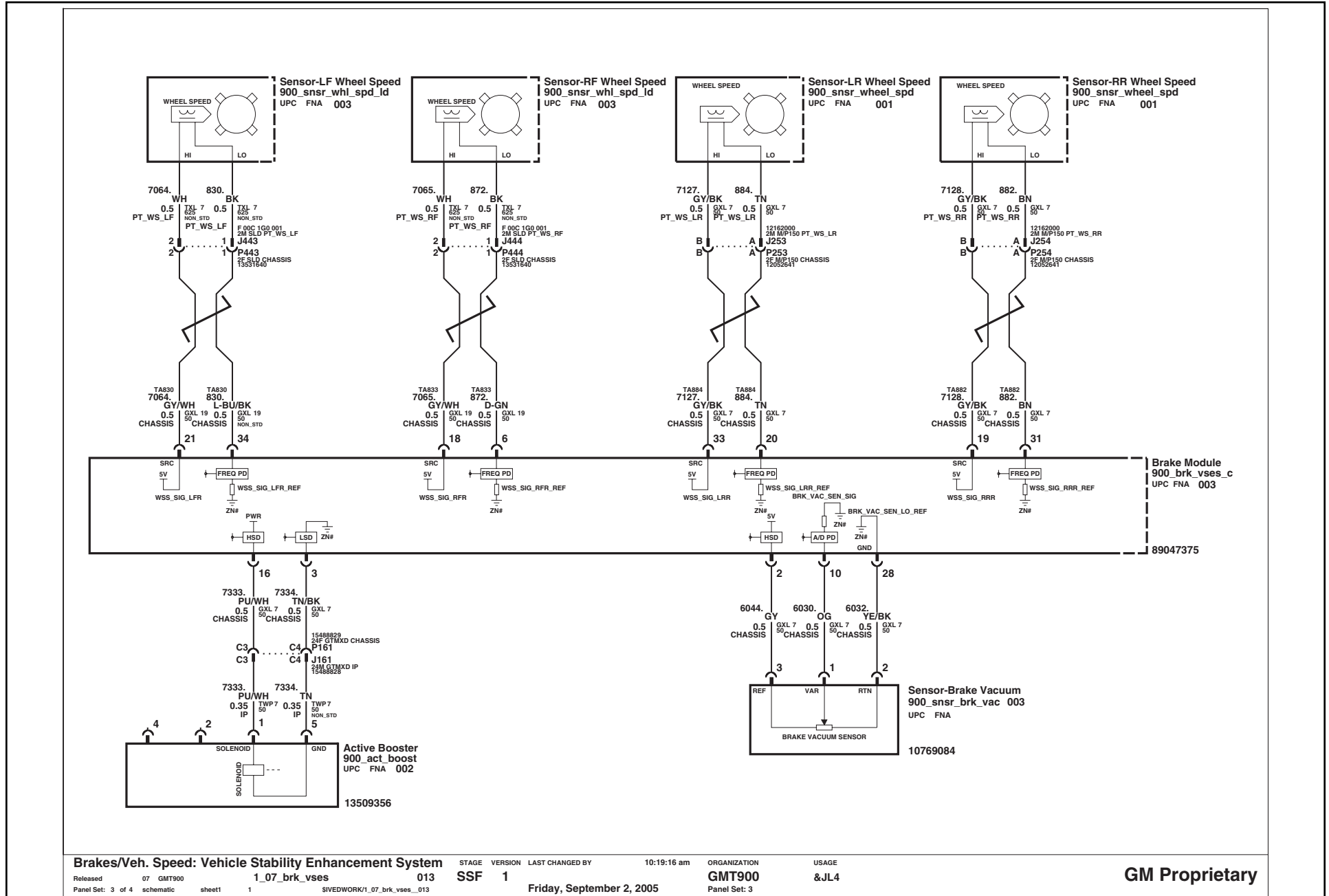
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Brakes/Vehicle Speed: Vehicle Stability Enhancement System



- NOTES
- \*1 — FOR &PPV, POLICE PACKAGE, SAS CHASSIS WIRES ARE 'GIVE-AWAY'
  - \*2 — SAS MAY BE SUPPLIER INTEGRATED
  - \*3 — SAS REQUIRED WITH VSES,EVO/MSVA, RTD, OR 4WS

## Brakes/Vehicle Speed: Vehicle Stability Enhancement System



Brakes/Veh. Speed: Vehicle Stability Enhancement System

Released 07 GMT900 1\_07\_brk\_vses 013  
Panel Set: 3 of 4 schematic sheet 1 SIVEDWORK/1\_07\_brk\_vses\_013

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SSF 1 Friday, September 2, 2005 GMT900 &JL4

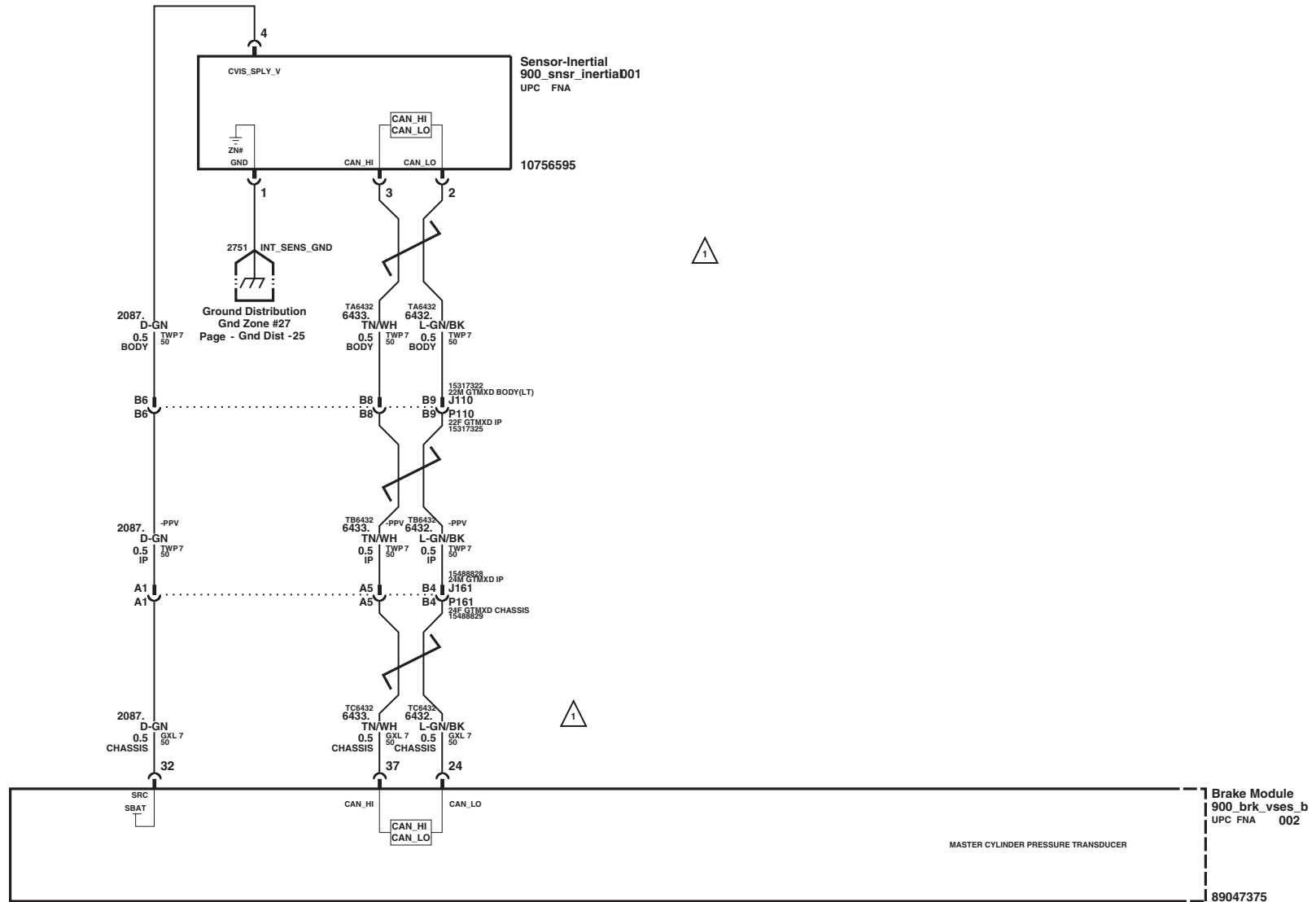
GM Proprietary

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Brakes/Vehicle Speed: Vehicle Stability Enhancement System

**NOTES**

\*1 — FOR &PPV, POLICE PACKAGE, INERTIAL SENSOR BODY & CHASSIS WIRES ARE 'GIVE-AWAY'



Brakes/Veh. Speed: Vehicle Stability Enhancement System

Released 07 GMT900 1\_07\_brk\_vses 013  
Panel Set: 4 of 4 schematic sheet1 1 SIVEDWORK/1\_07\_brk\_vses\_013

STAGE VERSION LAST CHANGED BY  
SSF 1

10:19:16 am  
Friday, September 2, 2005

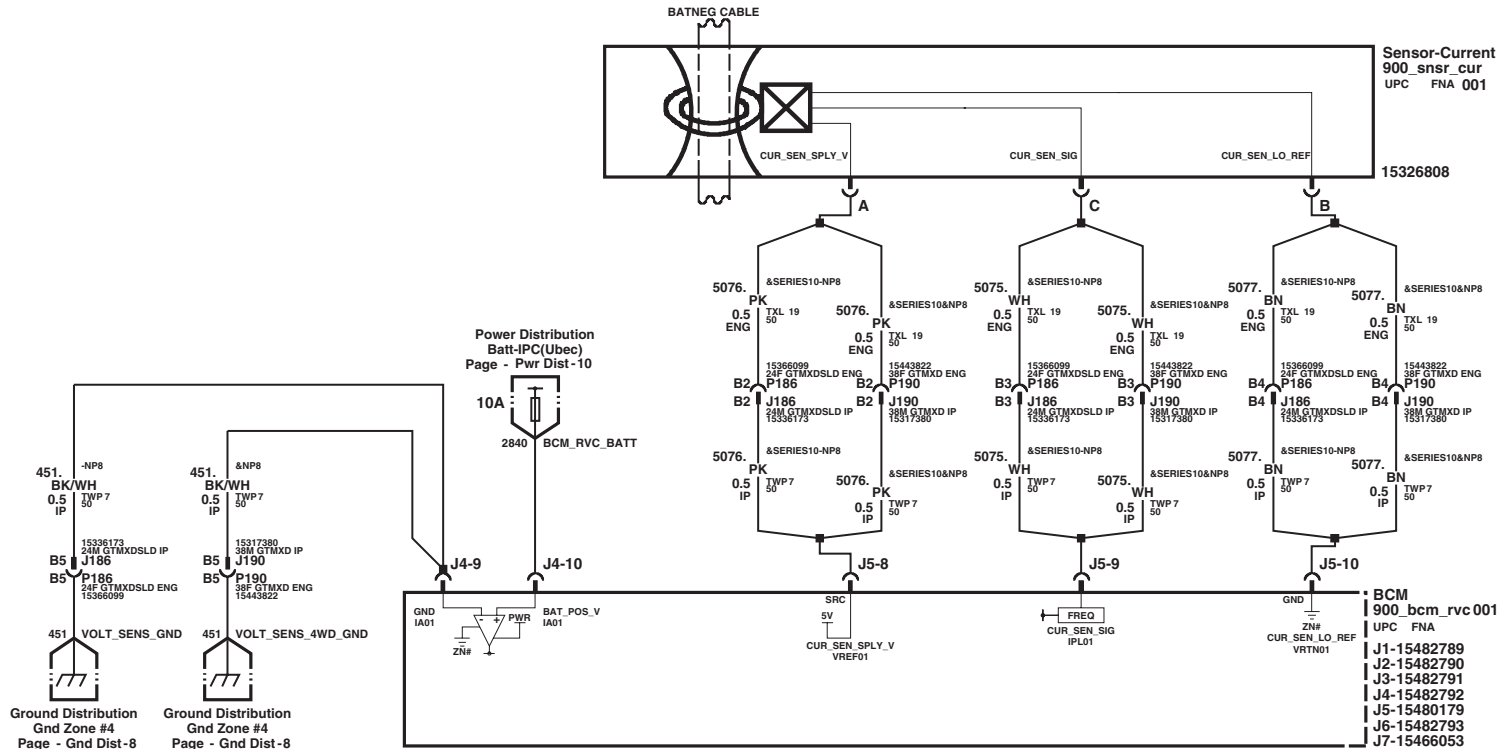
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GMT900  
Panel Set: 4

USAGE  
&JL4

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# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Charging: Base - Gas



**NOTES**

\* 1 — VOLTAGE SENSE GND MUST BE A DOUBLE CRIMP AT THE RING TERMINAL

**Charging: Base - Gas**

Released 07 GMT900  
Panel Set: 1 of 3 schematic sheet1 6

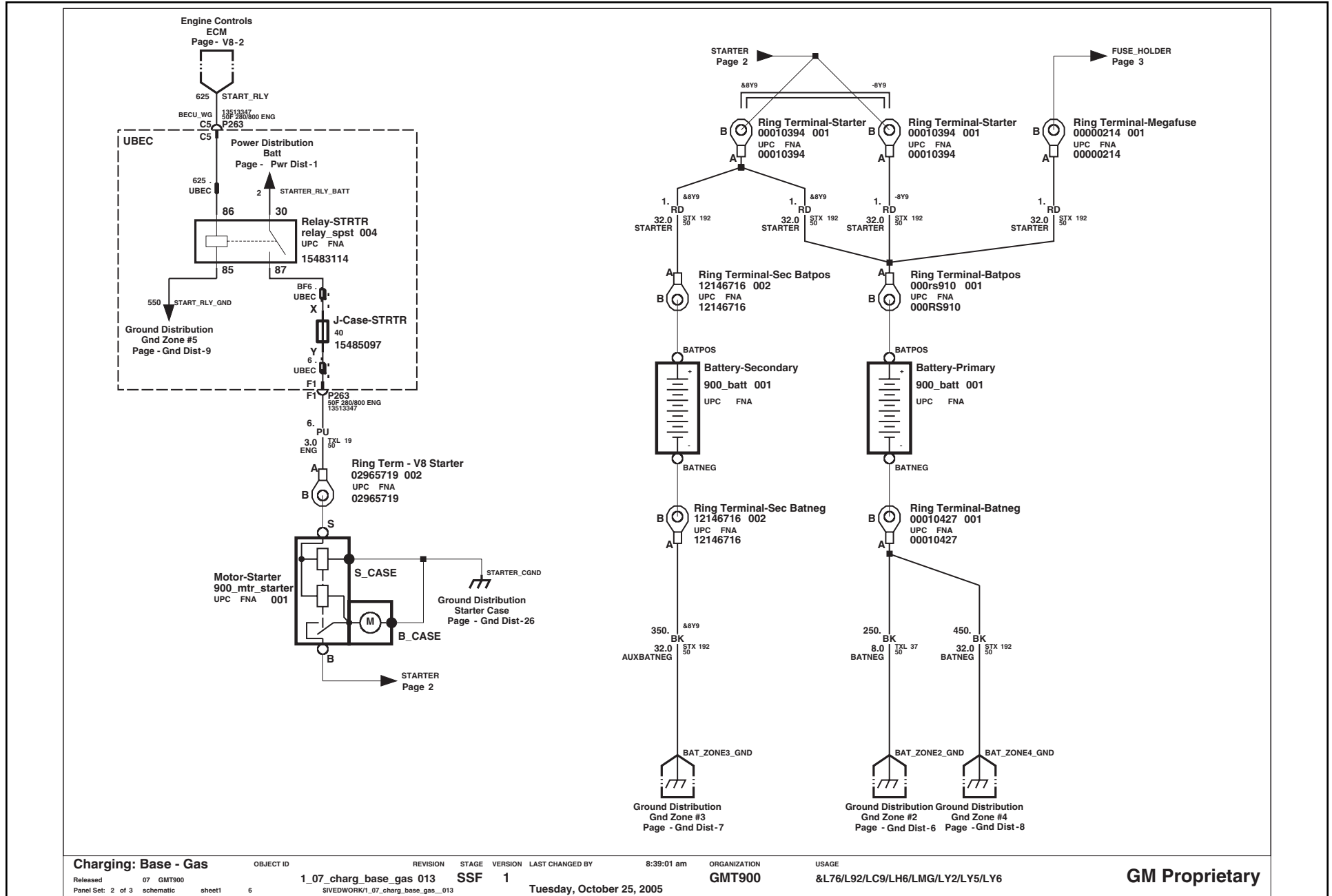
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VERSION: 1  
LAST CHANGED BY: 8:39:01 am  
ORGANIZATION: GMT900  
USAGE: &L76/L92/LC9/LH6/LMG/LY2/LY5/LY6

Tuesday, October 25, 2005

**GM Proprietary**

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Charging: Base - Gas



Charging: Base - Gas

Released 07 GMT900  
Panel Set: 2 of 3 schematic sheet 6

OBJECT ID 1\_07\_charg\_base\_gas\_013  
SIVEDWORK/1\_07\_charg\_base\_gas\_013

REVISION SSF 1

STAGE VERSION LAST CHANGED BY  
Tuesday, October 25, 2005

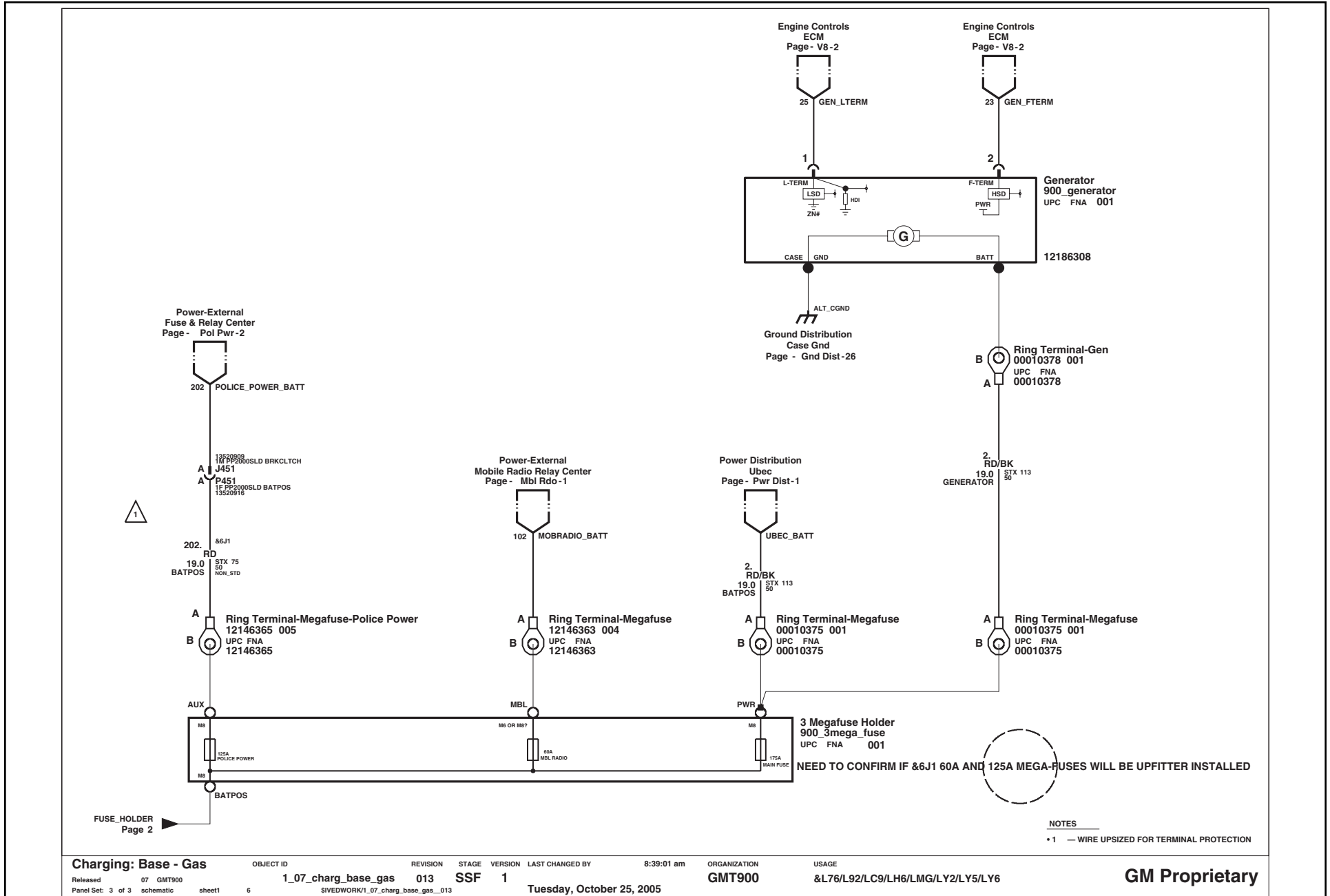
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ORGANIZATION GMT900

USAGE &L76/L92/LC9/LH6/LMG/LY2/LY5/LY6

GM Proprietary

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Charging: Base - Gas



Charging: Base - Gas

Released 07 GMT900  
 Panel Set: 3 of 3 schematic sheet1

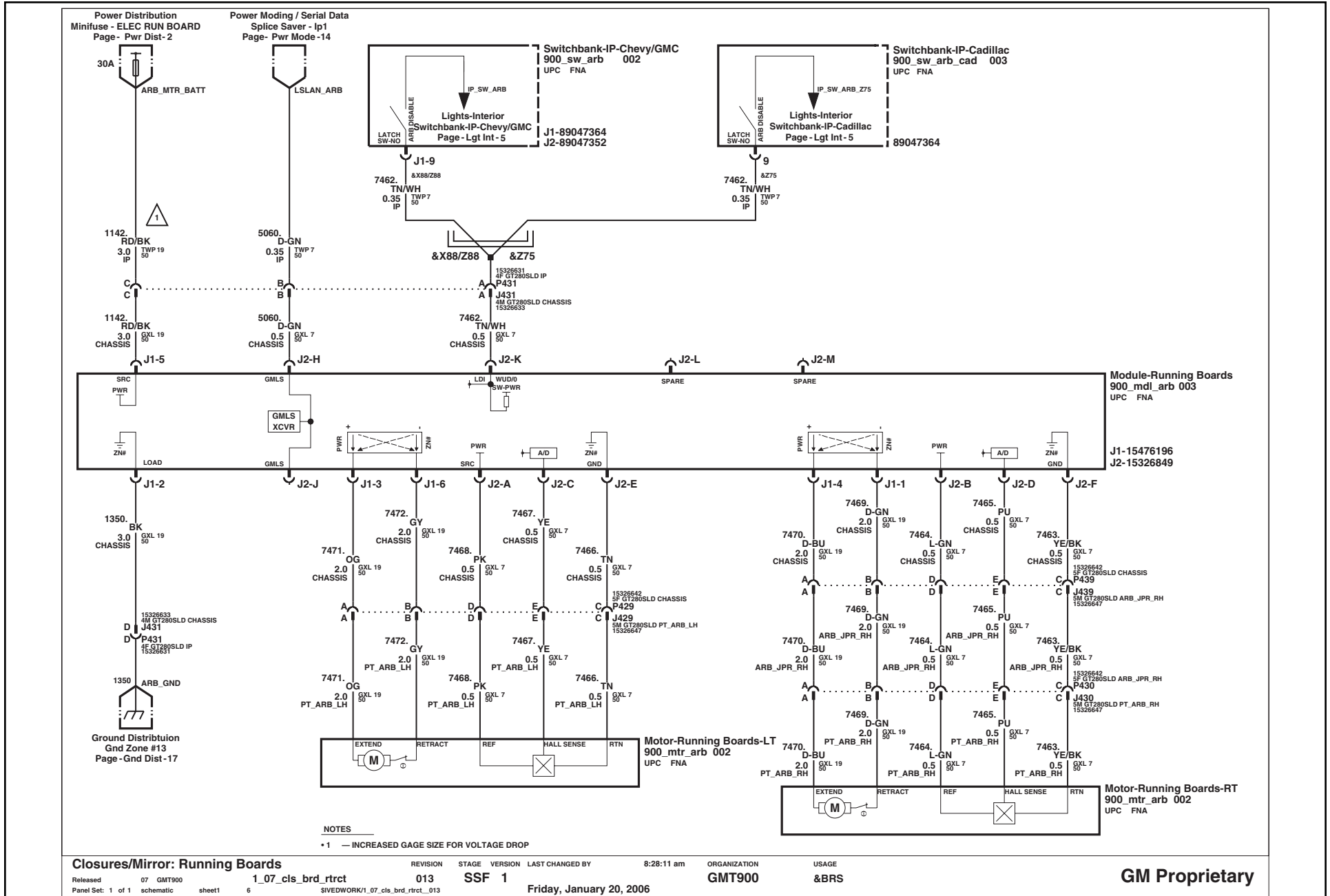
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 Tuesday, October 25, 2005

GM Proprietary



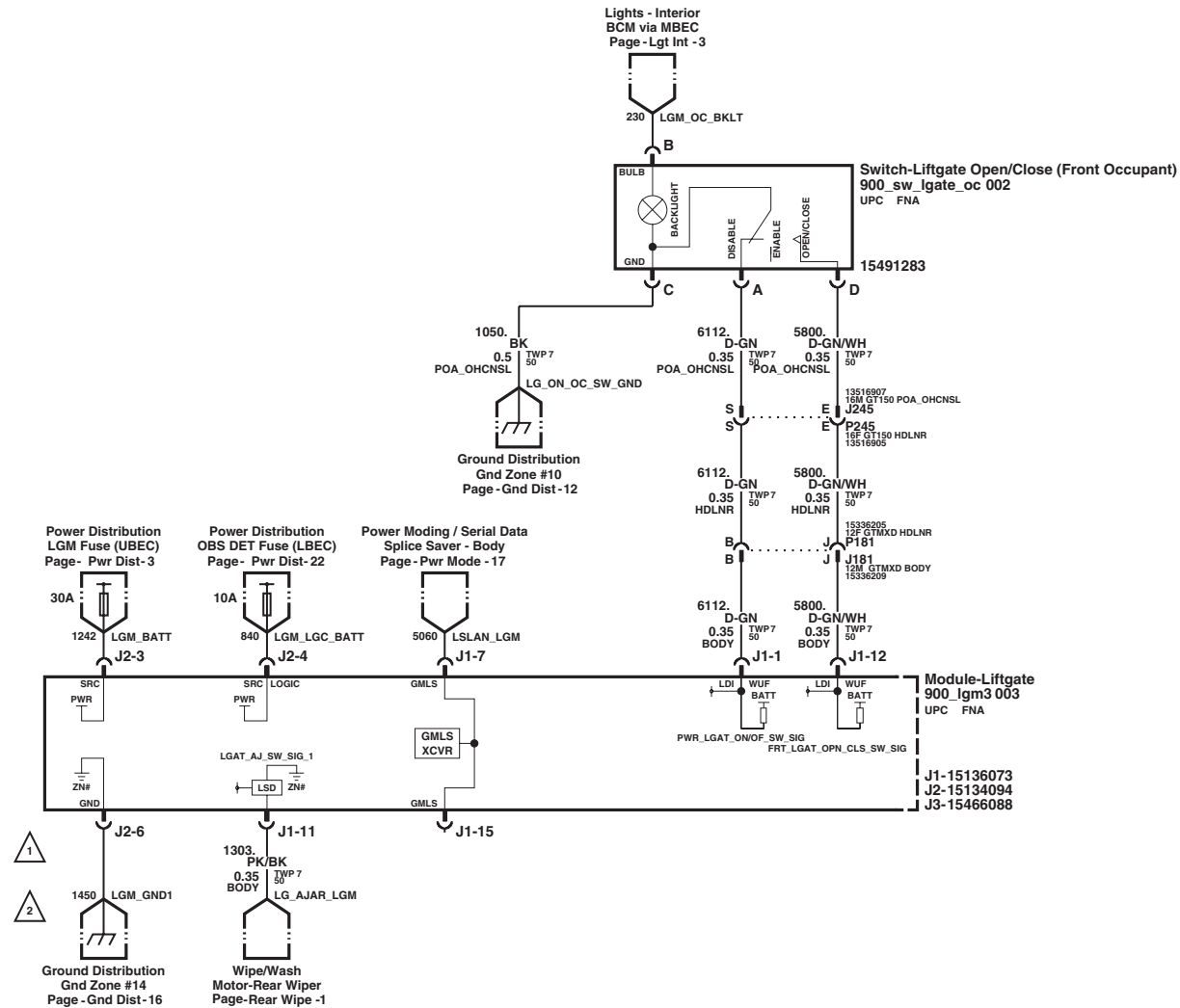
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Closures/Mirrors: Running Boards



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Closures/Mirrors: Power Liftgate



**NOTES**

- 1 — PARALLEL GROUNDS MAY BE REQUIRED TO MEET GMLAN GROUND OFFSET REQUIREMENTS
- 2 — WHILE POWER FEED IS 5.0 GAGE DUE TO SIGNAL LOSS, GROUND WIRE CAN BE 3.0 GAGE AS IT HAS A MUCH SHORTER LENGTH AND IS STILL PROTECTED BY 30A FUSE.

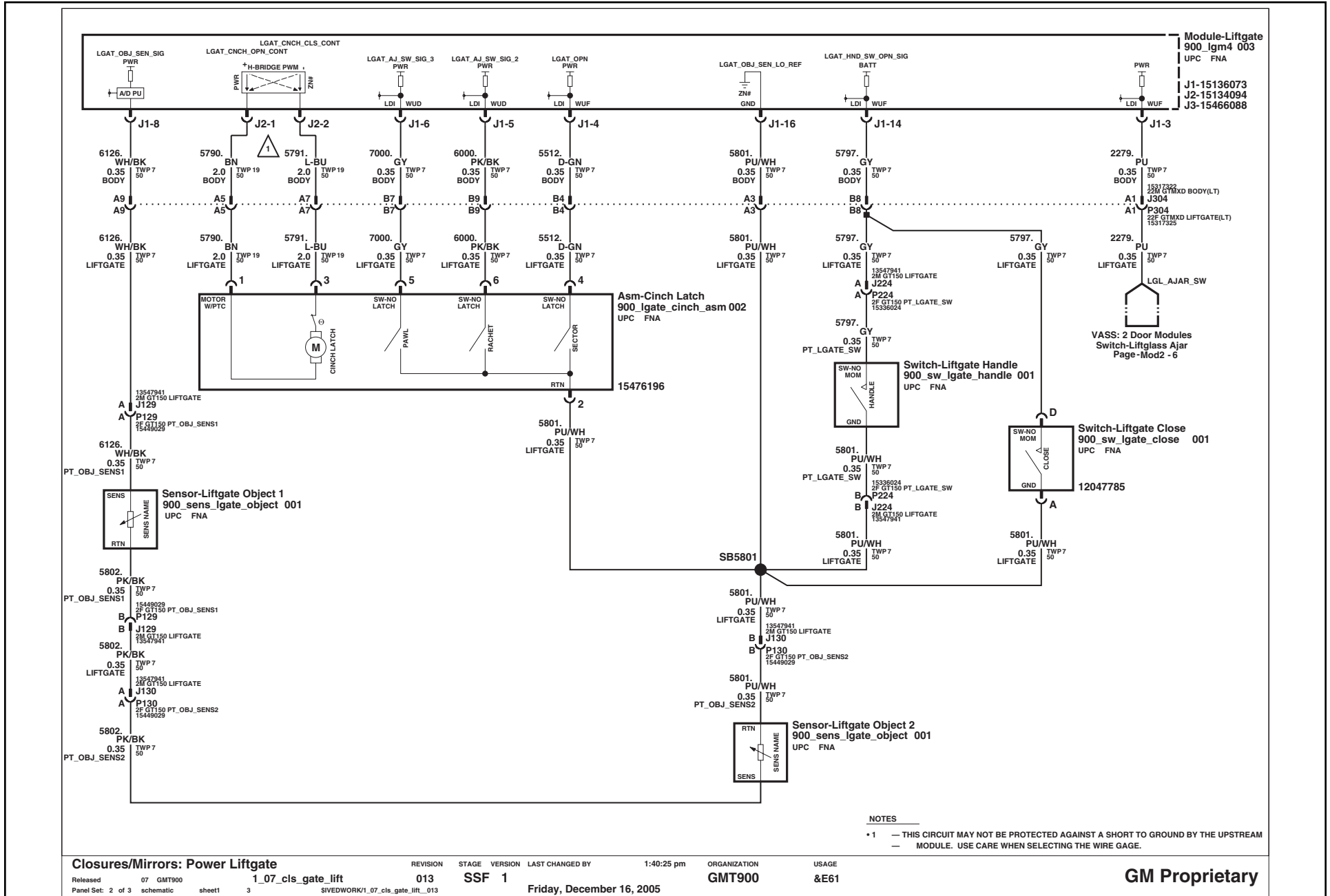
**Closures/Mirrors: Power Liftgate**

Released	07 GMT900	1_07_cls_gate_lift	REVISION 013	STAGE SSF	VERSION 1	LAST CHANGED BY	1:40:25 pm	ORGANIZATION GMT900	USAGE &E61
Panel Set: 1 of 3	schematic	sheet1	3	SIVEDWORK/1_07_cls_gate_lift_013		Friday, December 16, 2005			

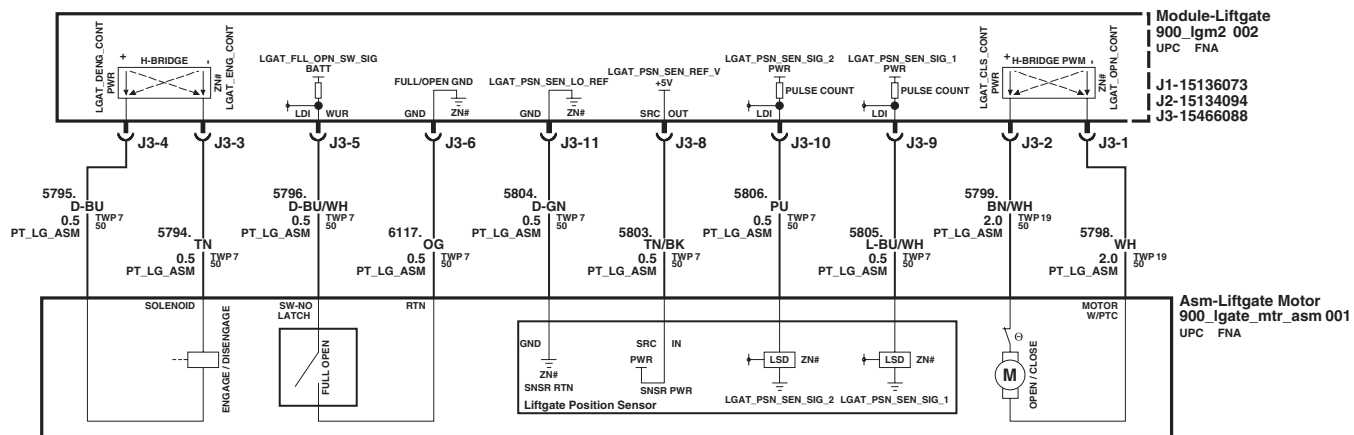
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# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Closures/Mirrors: Power Liftgate



## Closures/Mirrors: Power Liftgate

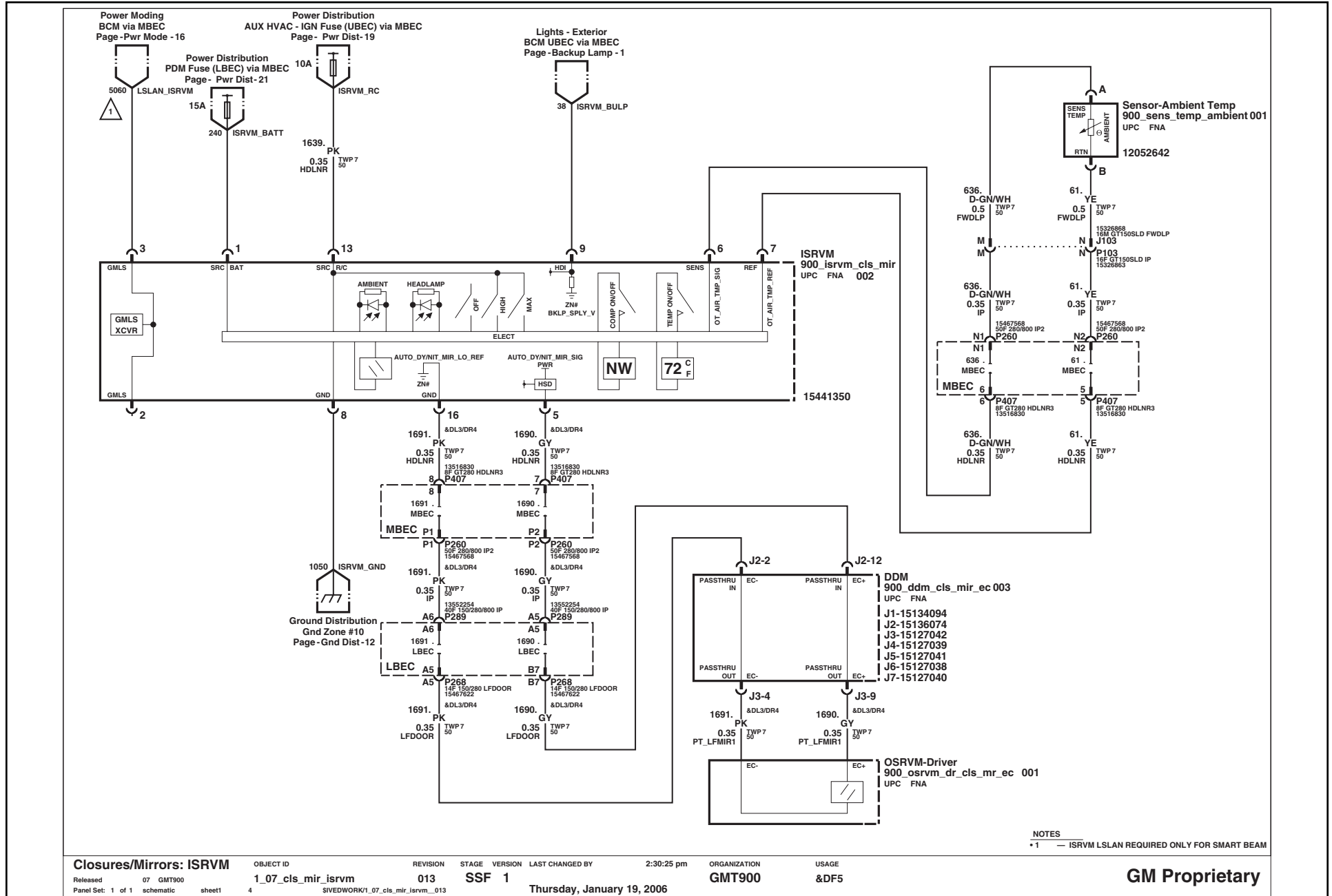


**Closures/Mirrors: Power Liftgate**

Released 07 GMT900 1\_07\_cls\_gate\_lift 013 SSF 1 LAST CHANGED BY 1:40:25 pm ORGANIZATION USAGE  
 Panel Set: 3 of 3 schematic sheet1 3 SIVEDWORK/1\_07\_cls\_gate\_lift\_013 Friday, December 16, 2005 GMT900 &E61

**GM Proprietary**

## Closures/Mirrors: ISRVM



Closures/Mirrors: ISRVM

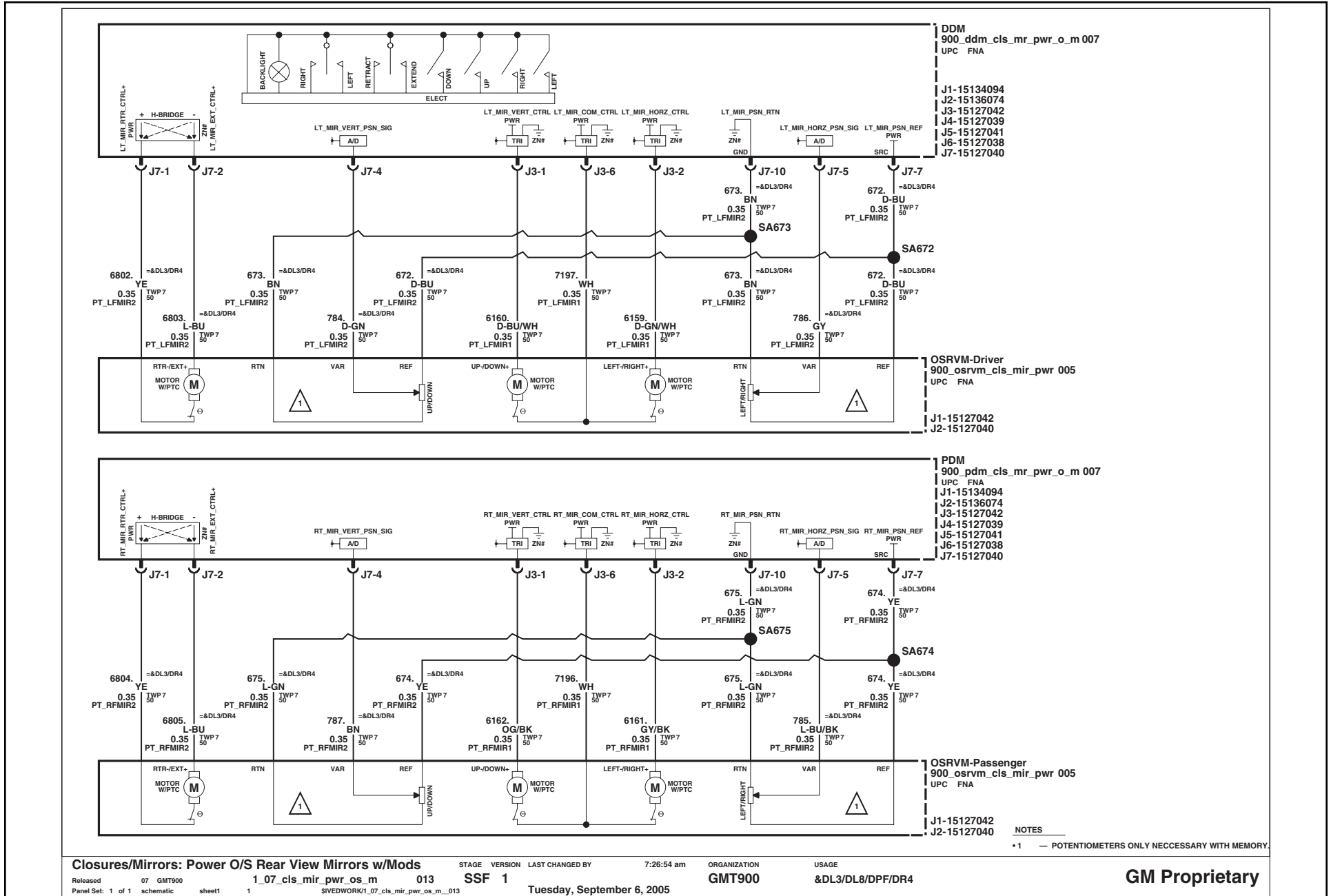
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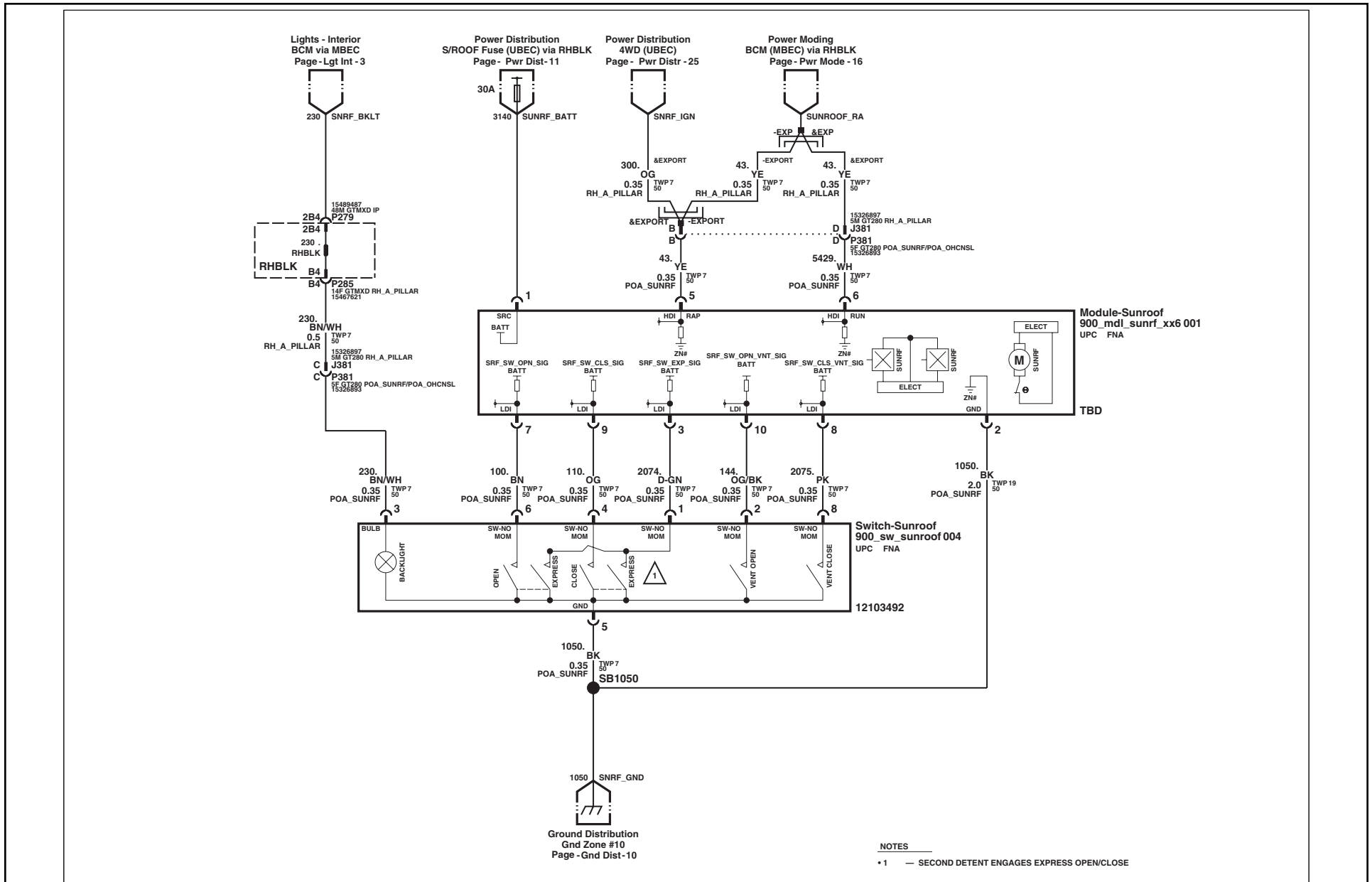
GM Proprietary

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Closures/Mirrors: Power O/S Rear View Mirrors w/Mods



## Closures/Mirrors: Sunroof - Base



**Closures/Mirrors: Sunroof - Base**

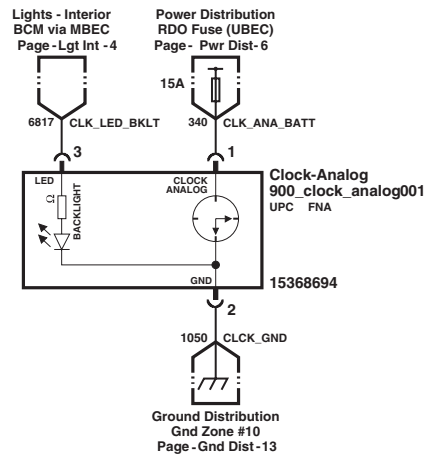
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 Panel Set: 1 of 1 schematic sheet 3 SIVEDWORK/1\_07\_cls\_sunrf\_base\_013

REVISION 013 STAGE SSF 1 VERSION 1 LAST CHANGED BY 7:22:49 am ORGANIZATION GMT900 USAGE &CF5

Tuesday, November 29, 2005

**GM Proprietary**

## Displays: Analog Clock



Displays: Analog Clock

Released 07 GMT900  
Panel Set: 1 of 1 schematic sheet1

OBJECT ID  
1\_07\_displ\_clock

1 SIVEDWORK/1\_07\_displ\_clock\_013

REVISION  
013

STAGE VERSION  
SSF 1

LAST CHANGED BY  
Tuesday, September 6, 2005

7:06:24 am

ORGANIZATION  
GMT900

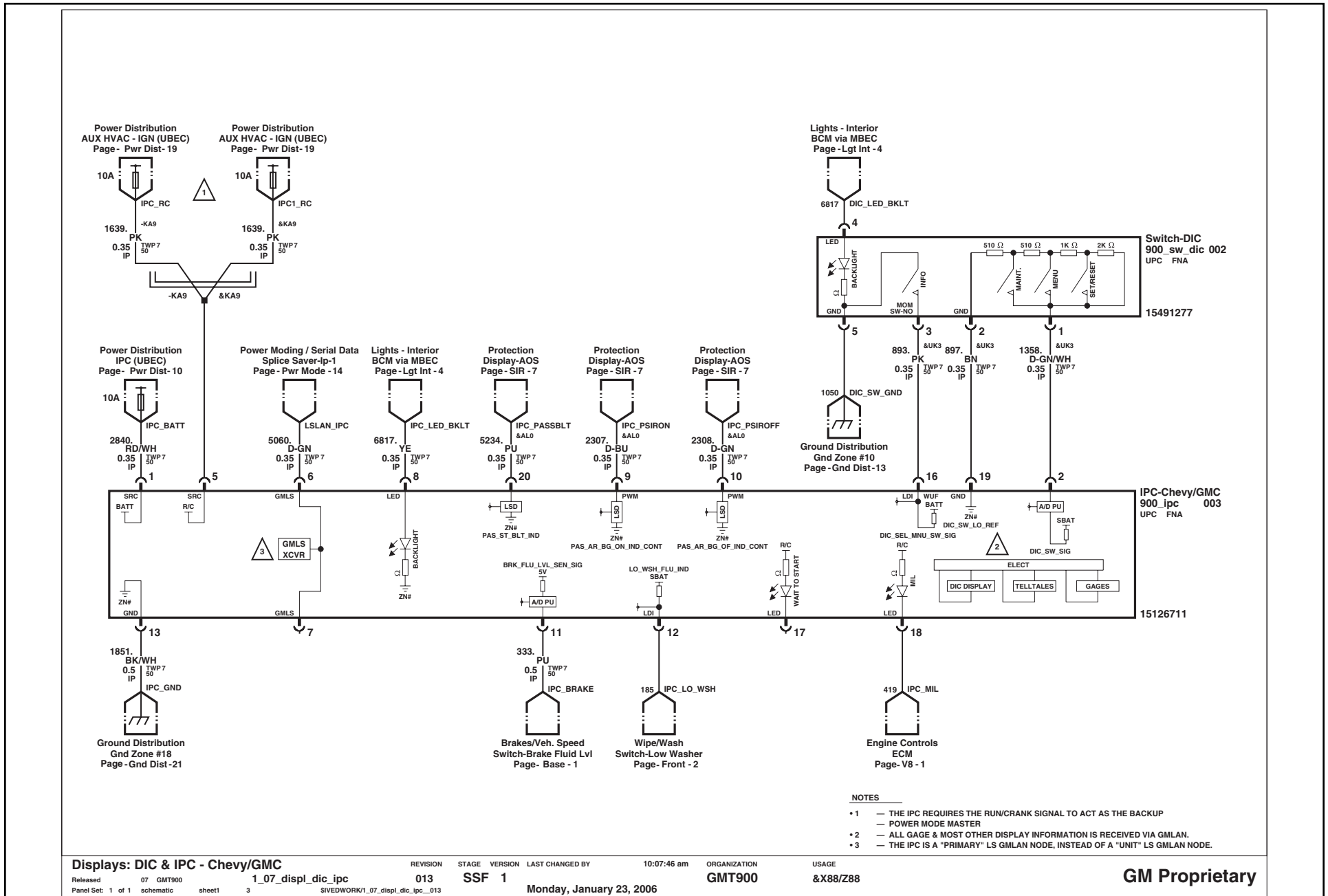
USAGE  
&Z75

GM Proprietary



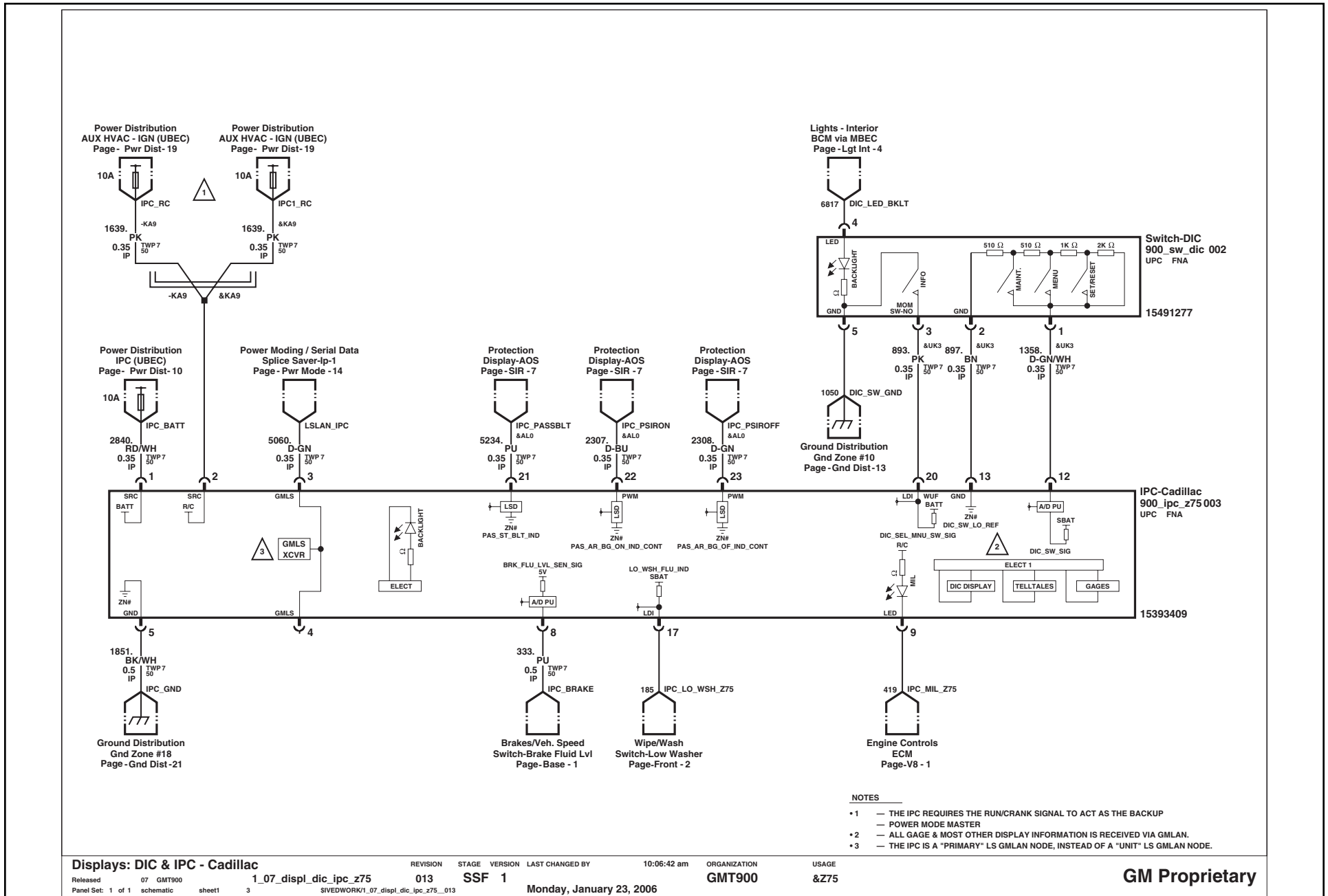
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Displays: DIC & IPC – Chevy/GMC



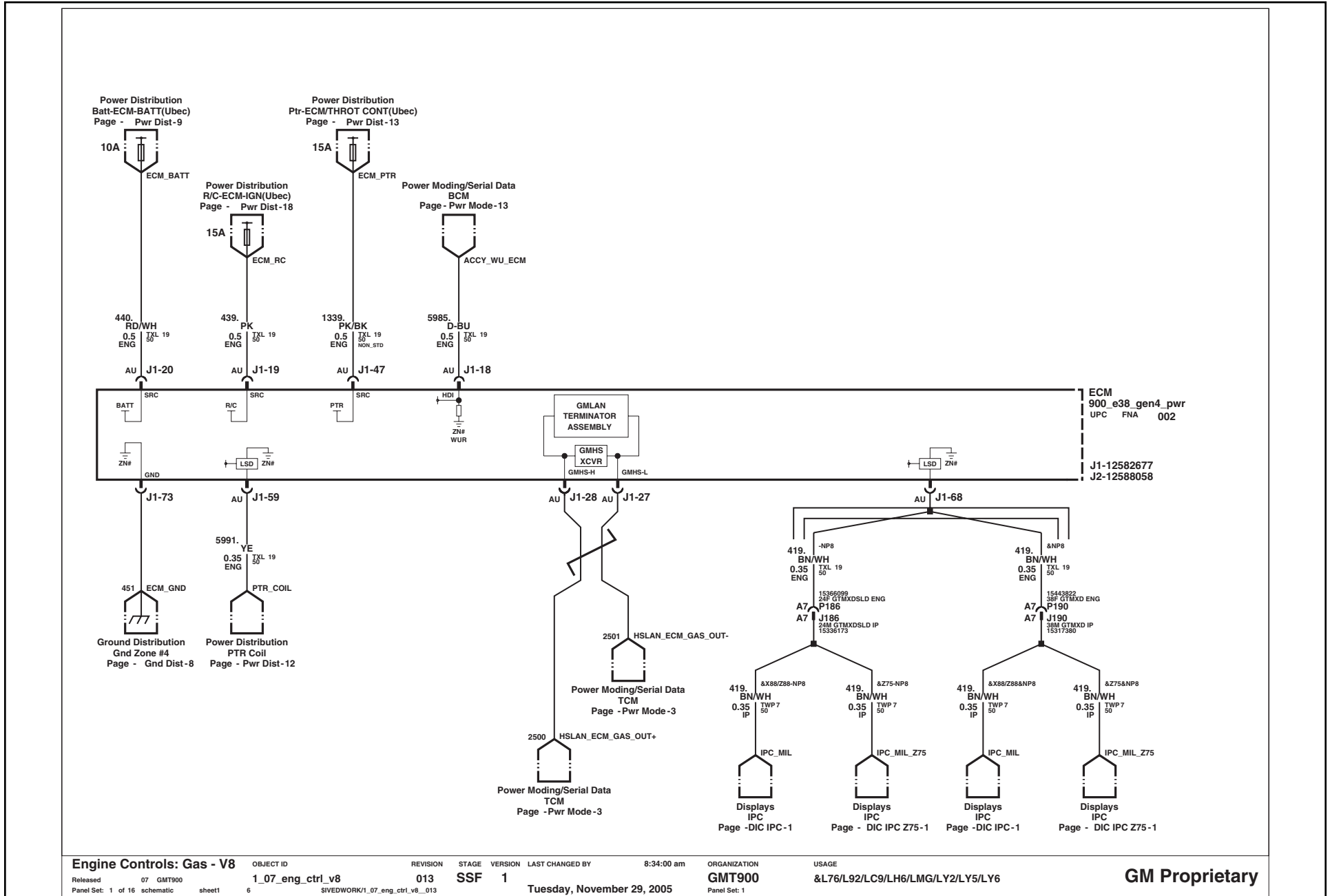
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Displays: DIC & IPC – Cadillac

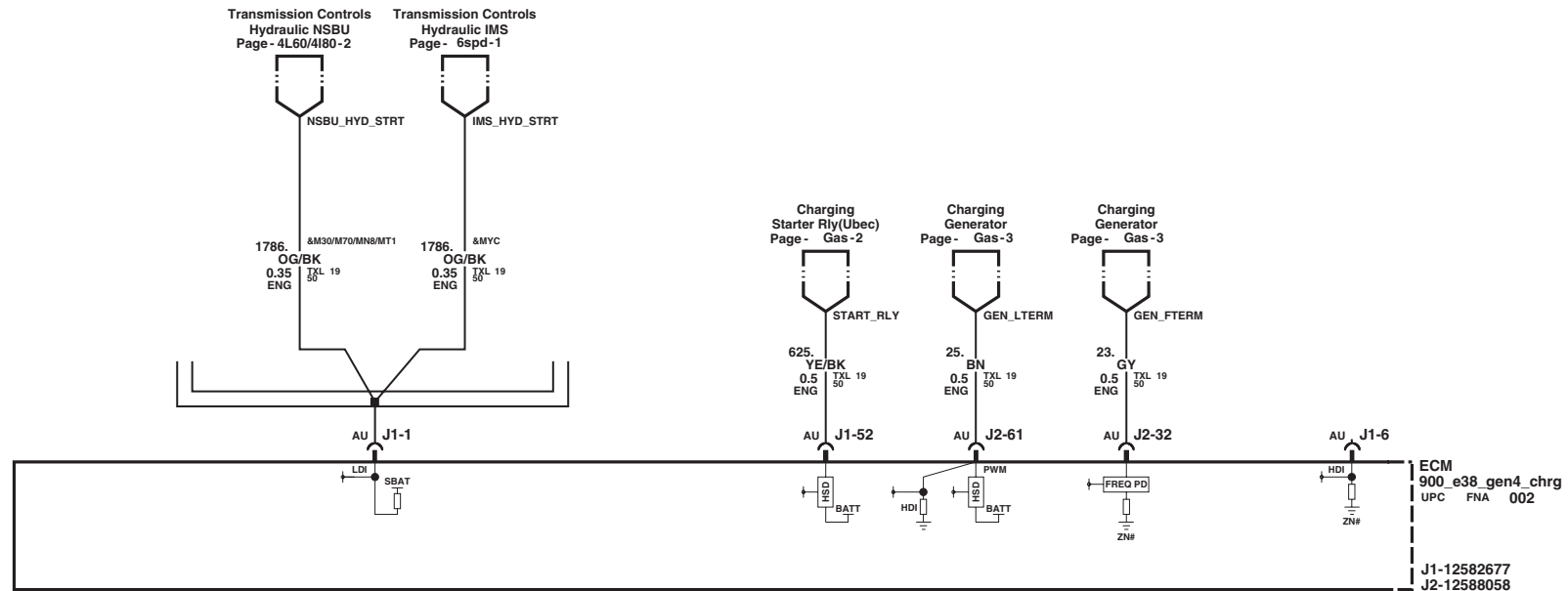


# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Engine Controls: Gas - V8



## Engine Controls: Gas - V8



**Engine Controls: Gas - V8**

Released 07 GMT900  
Panel Set: 2 of 16 schematic sheet1

OBJECT ID: 1\_07\_eng\_ctrl\_v8  
SHEET: 6  
SIVEDWORK/1\_07\_eng\_ctrl\_v8\_013

REVISION: 013  
STAGE: SSF  
VERSION: 1  
LAST CHANGED BY: Tuesday, November 29, 2005

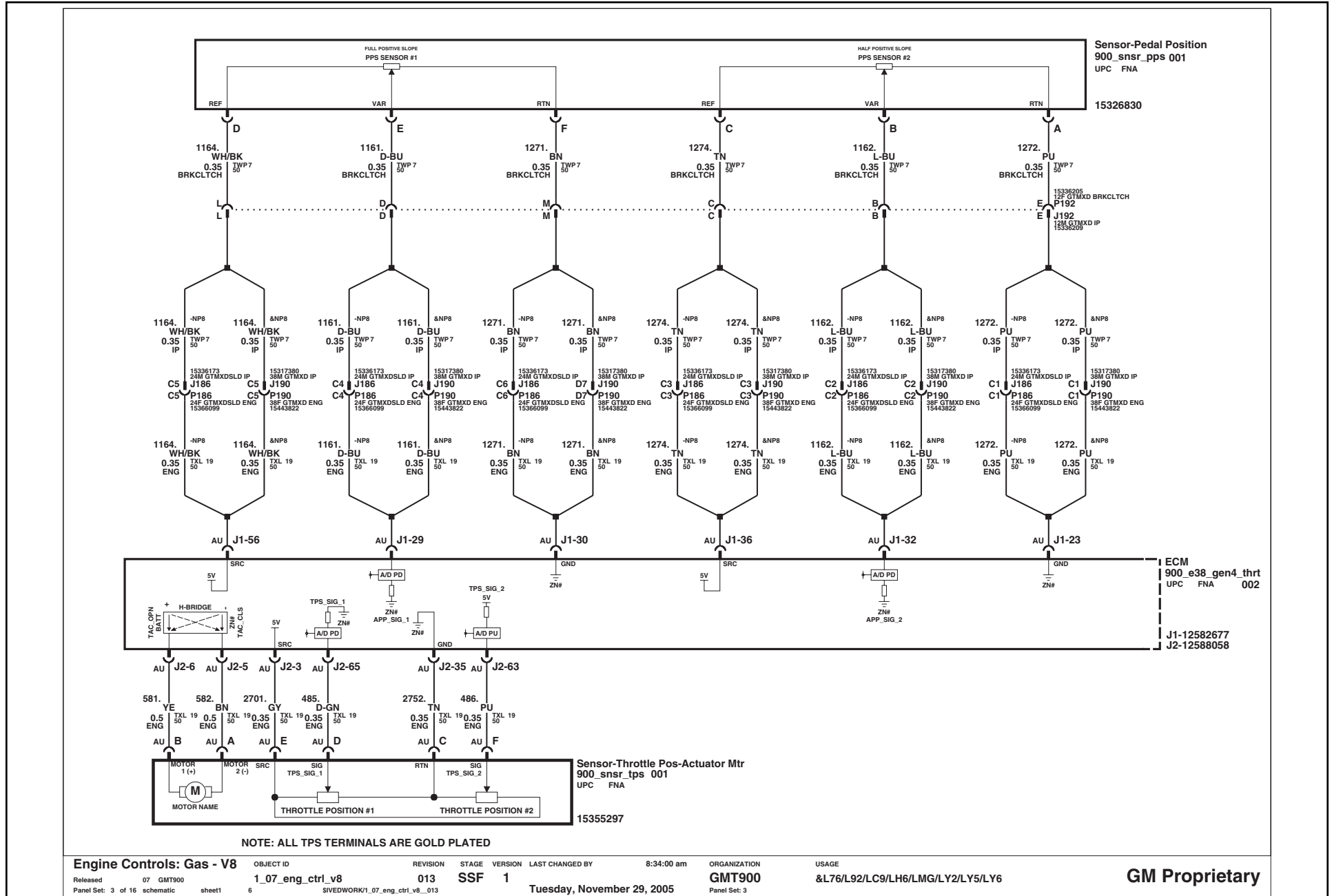
8:34:00 am  
ORGANIZATION: GMT900  
Panel Set: 2

USAGE: &L76/L92/LC9/LH6/LMG/LY2/LY5/LY6

**GM Proprietary**

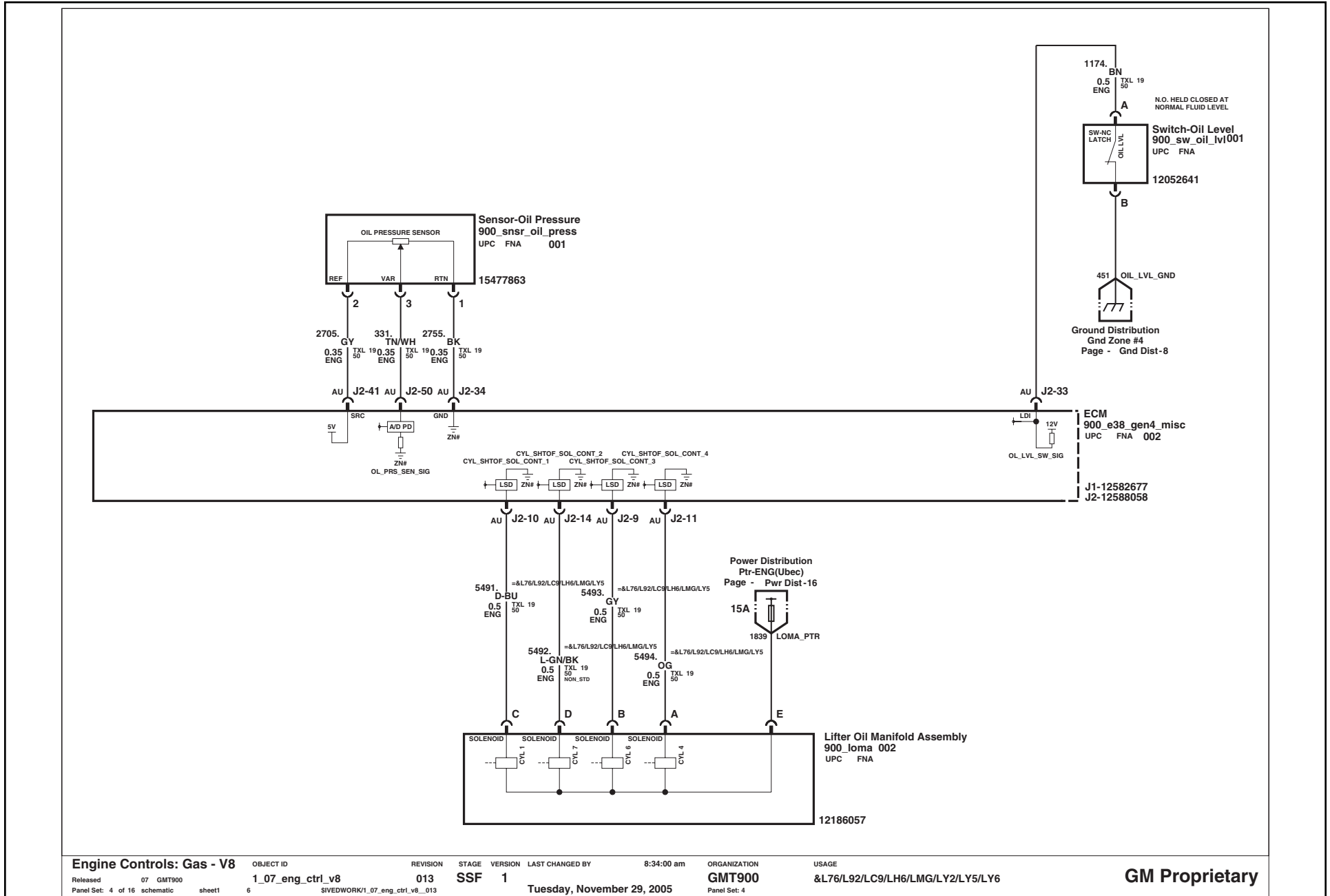
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Engine Controls: Gas - V8



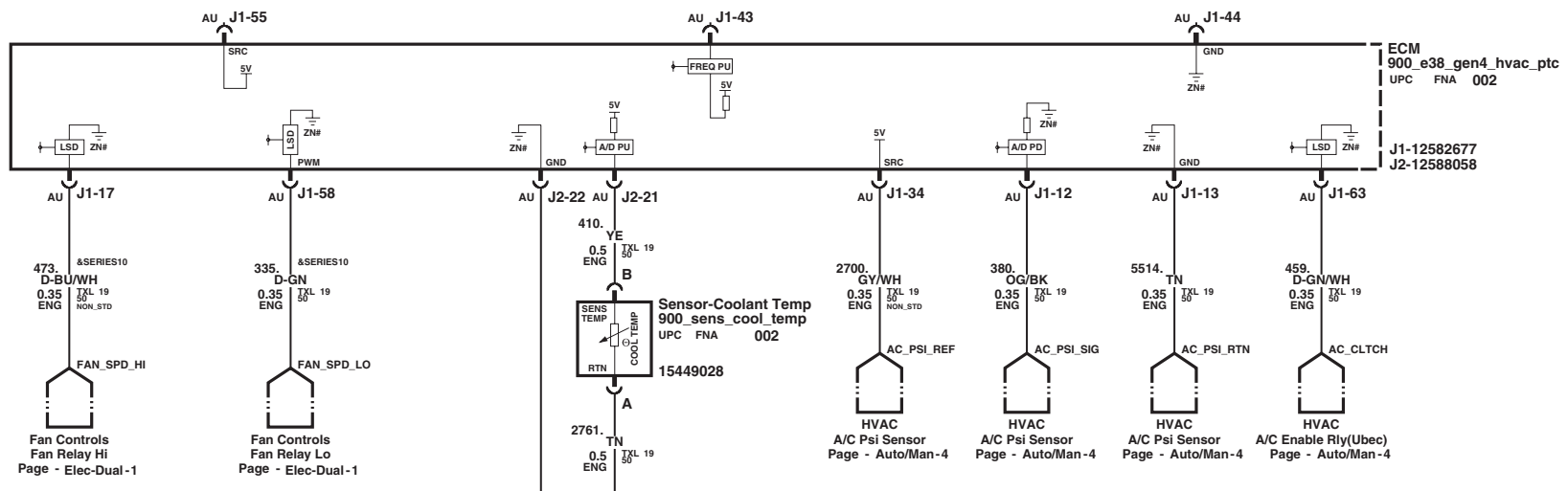
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Engine Controls: Gas - V8



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Engine Controls: Gas - V8



Engine Controls: Gas - V8

OBJECT ID: 1\_07\_eng\_ctrl\_v8  
 REVISION: 013  
 SHEET: 6

STAGE: SSF  
 VERSION: 1  
 LAST CHANGED BY: Tuesday, November 29, 2005

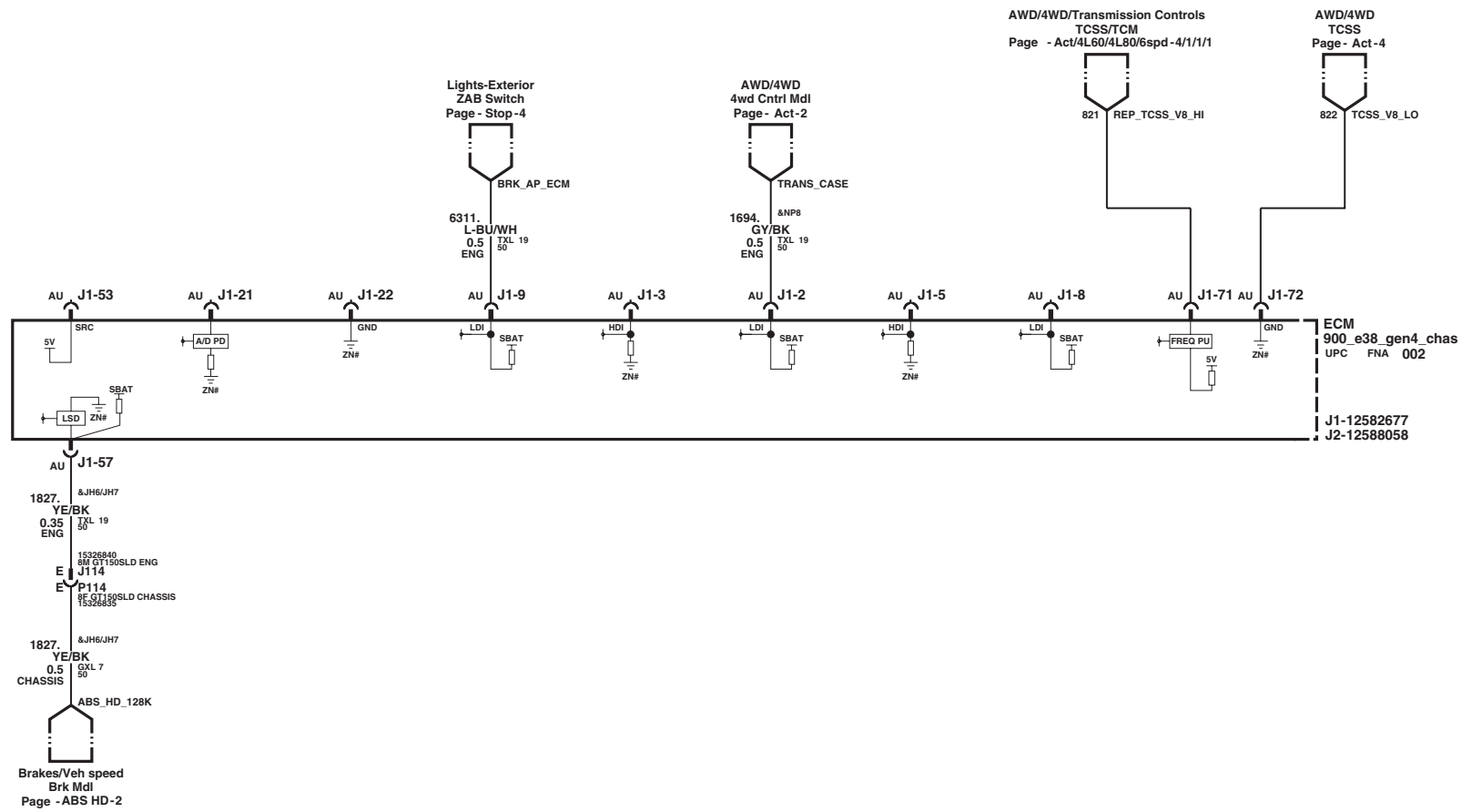
ORGANIZATION: GMT900  
 USAGE: &L76/L92/LC9/LH6/LMG/LY2/LY5/LY6

GM Proprietary

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Engine Controls: Gas - V8

REP TOSS CIRCUIT NUMBER IS 6399



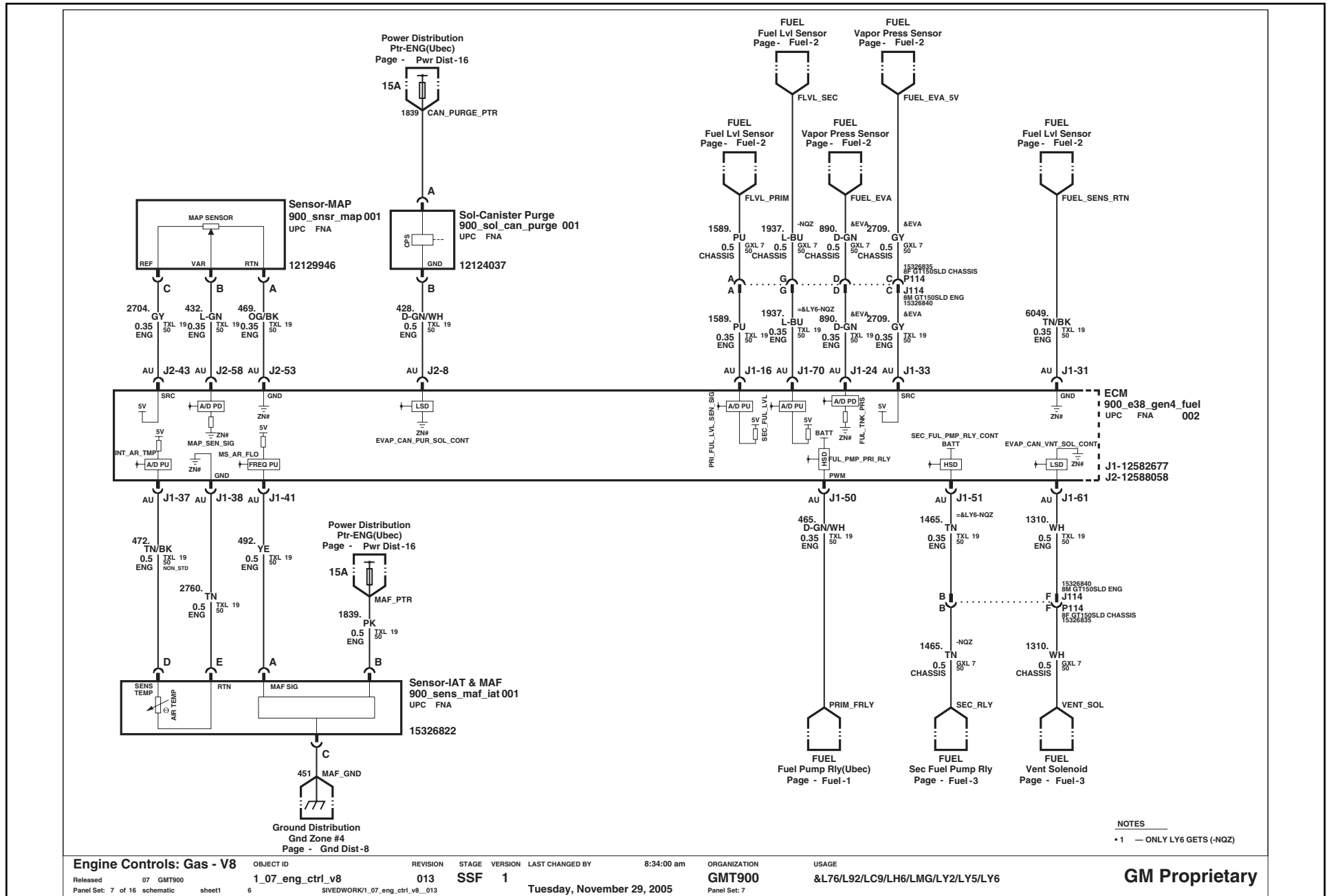
**Engine Controls: Gas - V8**

Released	07 GMT900	OBJECT ID	1_07_eng_ctrl_v8	REVISION	013	STAGE	SSF	VERSION	1	LAST CHANGED BY	8:34:00 am	ORGANIZATION	GMT900	USAGE	&L76/L92/LC9/LH6/LMG/LY2/LY5/LY6
Panel Set:	6 of 16 schematic sheet1	6	SIVEDWORK/1_07_eng_ctrl_v8_013							Tuesday, November 29, 2005		Panel Set:	6		

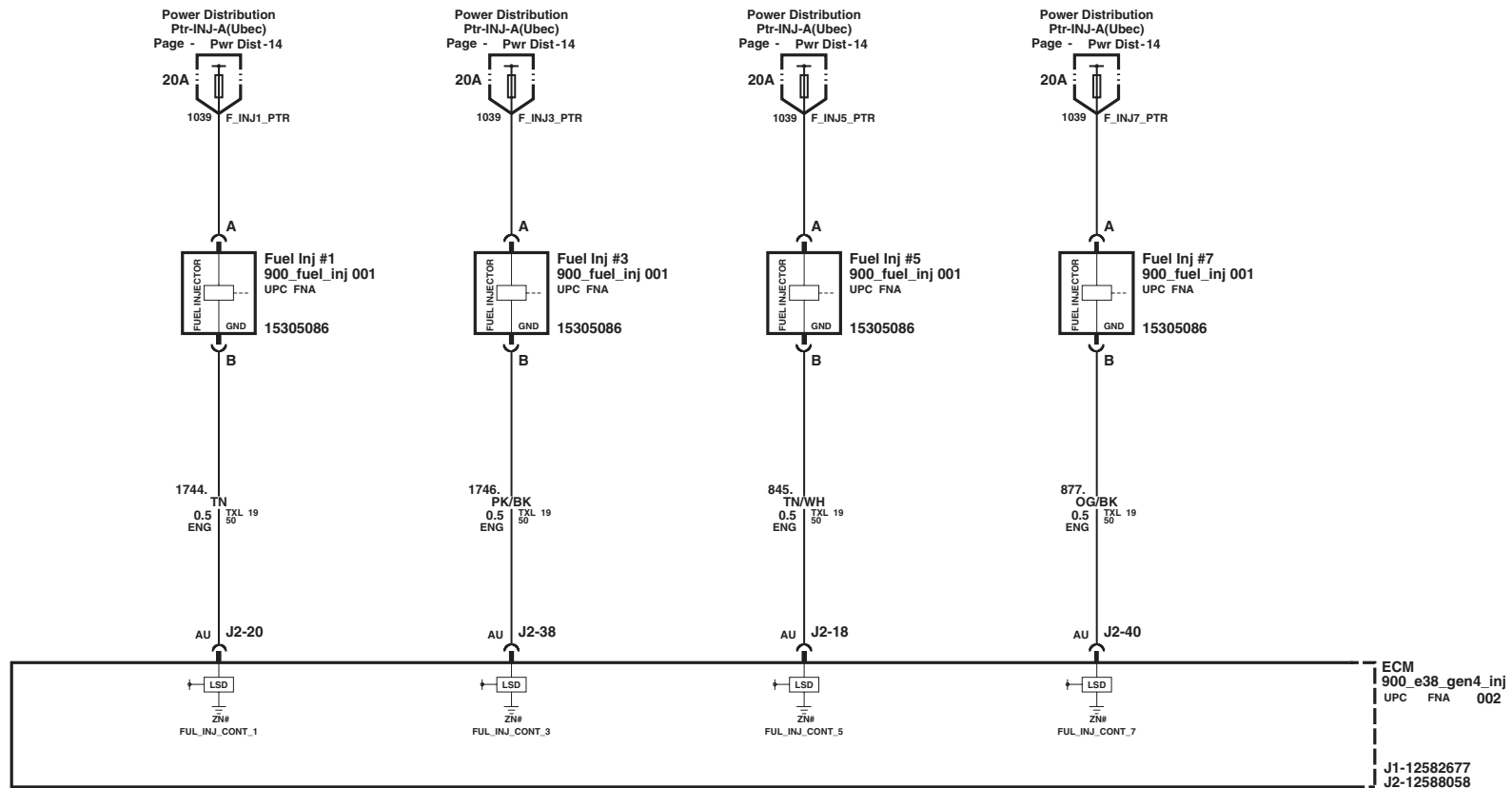
**GM Proprietary**



## Engine Controls: Gas - V8



## Engine Controls: Gas - V8



Engine Controls: Gas - V8

OBJECT ID  
1\_07\_eng\_ctrl\_v8

REVISION  
013

STAGE  
SSF

VERSION  
1

LAST CHANGED BY  
Tuesday, November 29, 2005

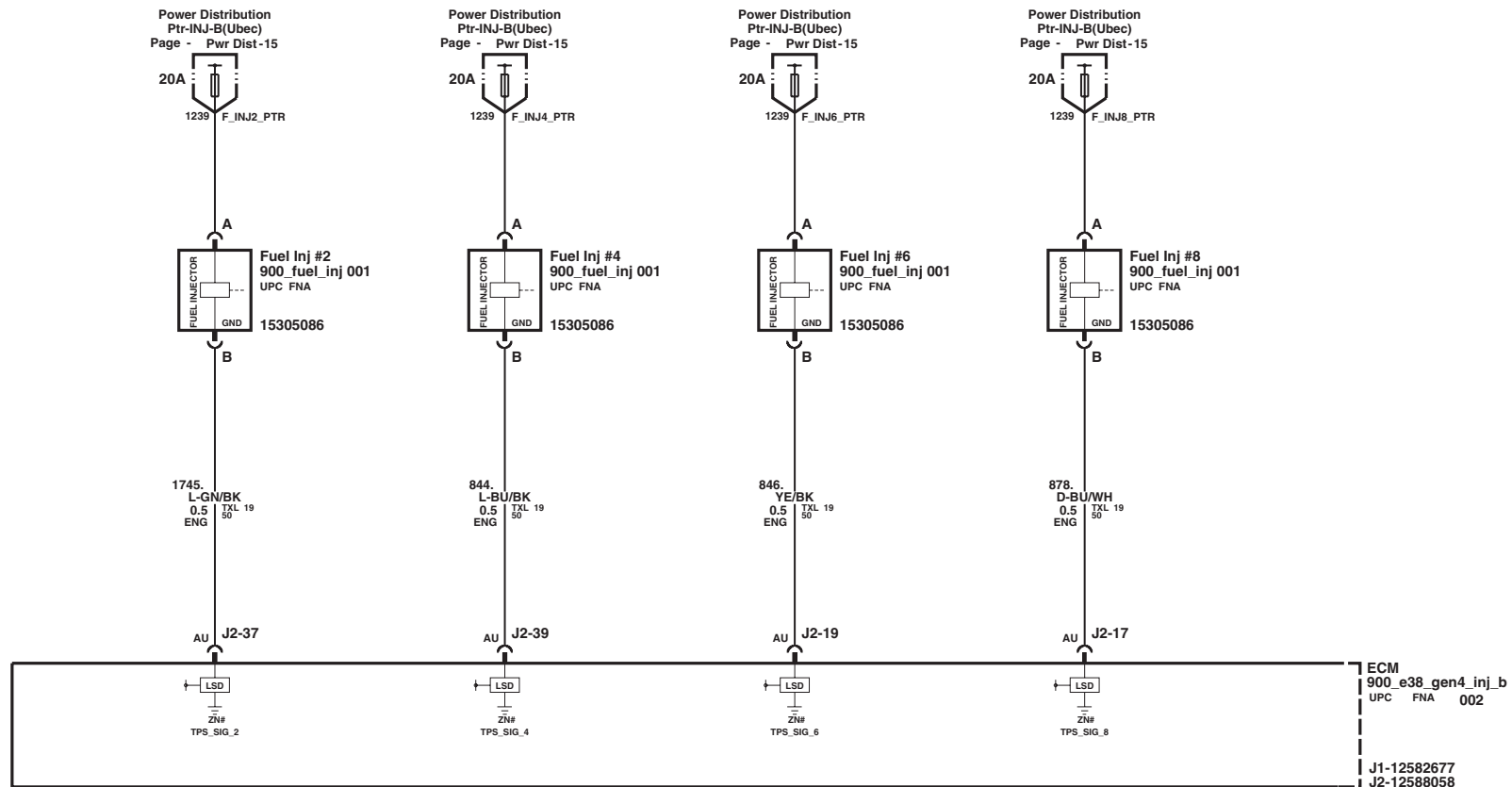
8:34:00 am

ORGANIZATION  
GMT900  
Panel Set: 8

USAGE  
&L76/L92/LC9/LH6/LMG/LY2/LY5/LY6

GM Proprietary

## Engine Controls: Gas - V8



Engine Controls: Gas - V8

OBJECT ID: 1\_07\_eng\_ctrl\_v8  
 REVISION: 013  
 SHEET: 6

STAGE: SSF  
 VERSION: 1  
 LAST CHANGED BY: Tuesday, November 29, 2005

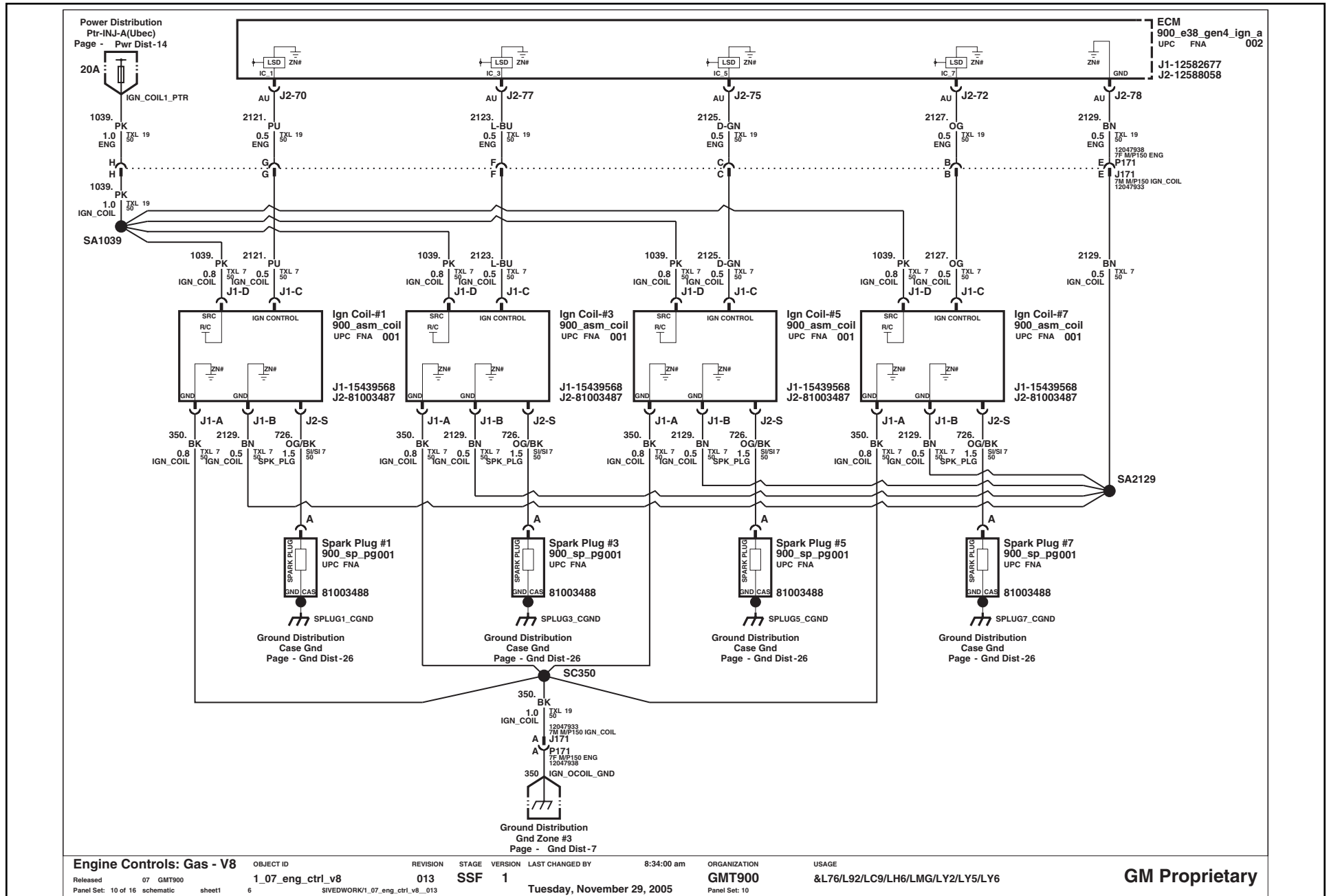
8:34:00 am  
 ORGANIZATION: GMT900  
 Panel Set: 9

USAGE: &L76/L92/LC9/LH6/LMG/LY2/LY5/LY6

GM Proprietary

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Engine Controls: Gas - V8



Engine Controls: Gas - V8

OBJECT ID: 1\_07\_eng\_ctrl\_v8  
 REVISION: 013  
 STAGE: SSF  
 VERSION: 1  
 LAST CHANGED BY: 8:34:00 am  
 ORGANIZATION: GMT900  
 USAGE: &L76/L92/LC9/LH6/LMG/LY2/LY5/LY6

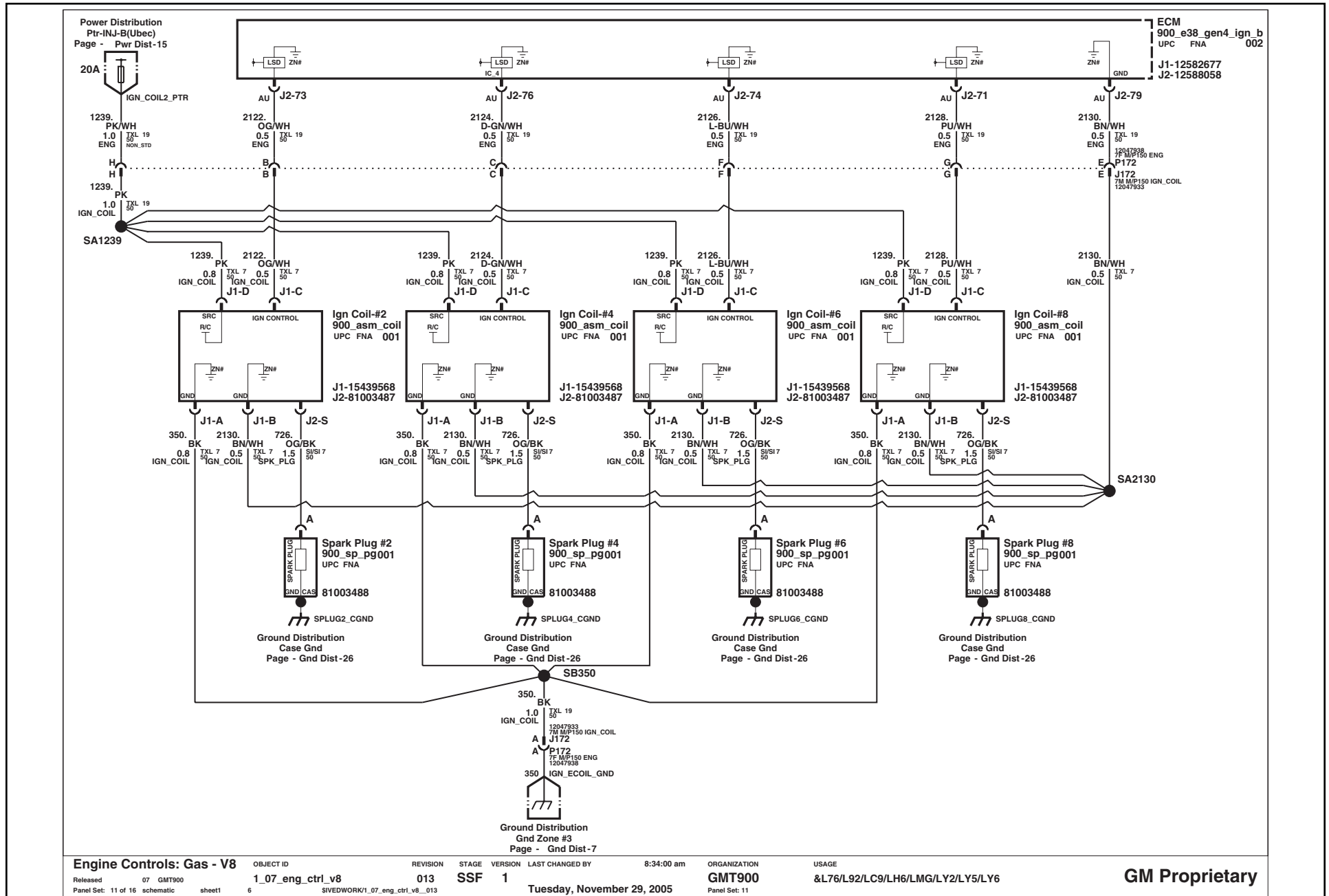
Released: 07 GMT900  
 Panel Set: 10 of 16 schematic sheet1

Tuesday, November 29, 2005  
 Panel Set: 10

GM Proprietary

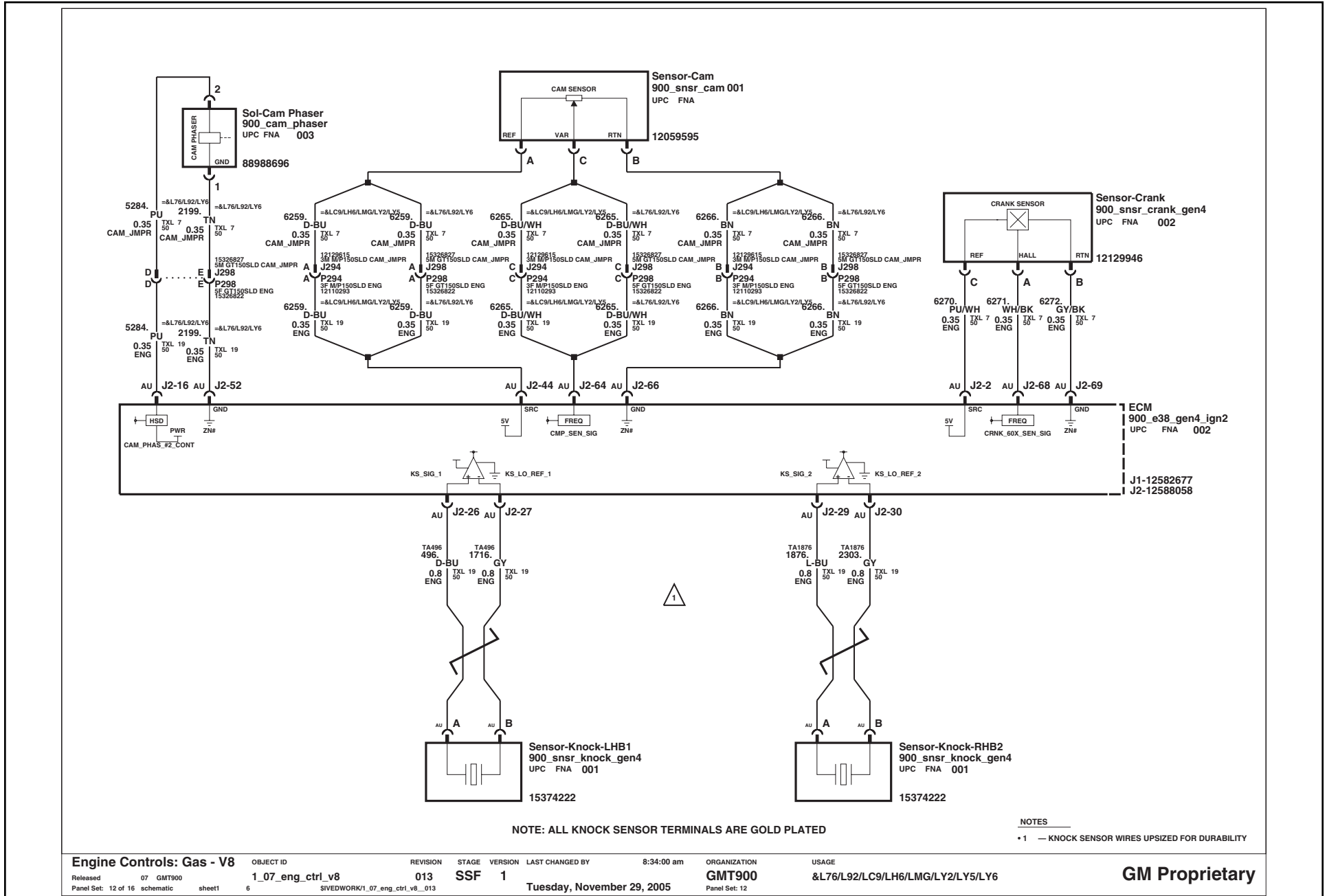
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Engine Controls: Gas - V8



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Engine Controls: Gas - V8



Engine Controls: Gas - V8

OBJECT ID  
1\_07\_eng\_ctrl\_v8  
Revision 013  
STAGE SSF  
VERSION 1  
LAST CHANGED BY  
Tuesday, November 29, 2005

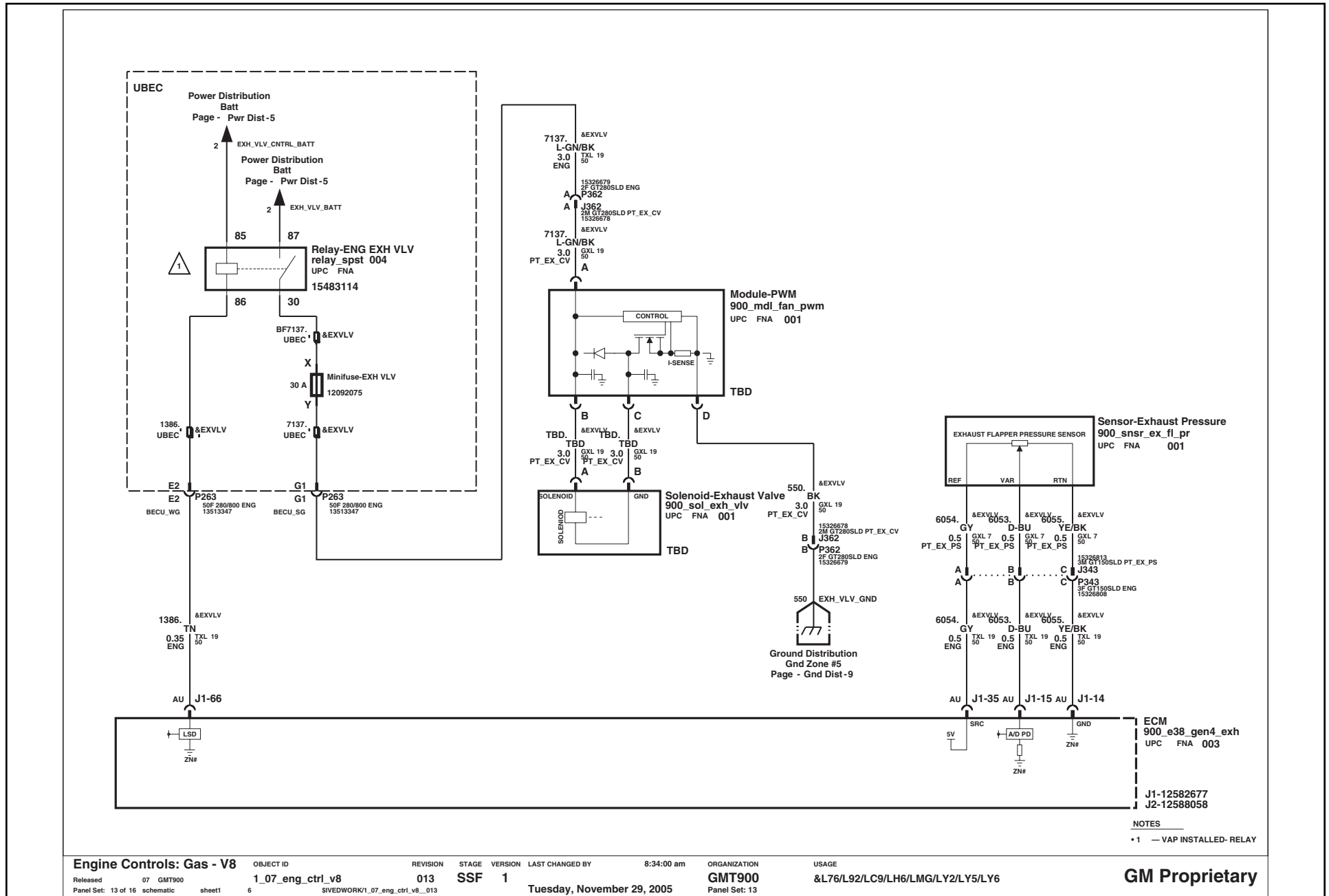
REVISION 013  
STAGE SSF  
VERSION 1  
LAST CHANGED BY  
Tuesday, November 29, 2005

ORGANIZATION  
GMT900  
USAGE  
&L76/L92/LC9/LH6/LMG/LY2/LY5/LY6

GM Proprietary

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Engine Controls: Gas - V8

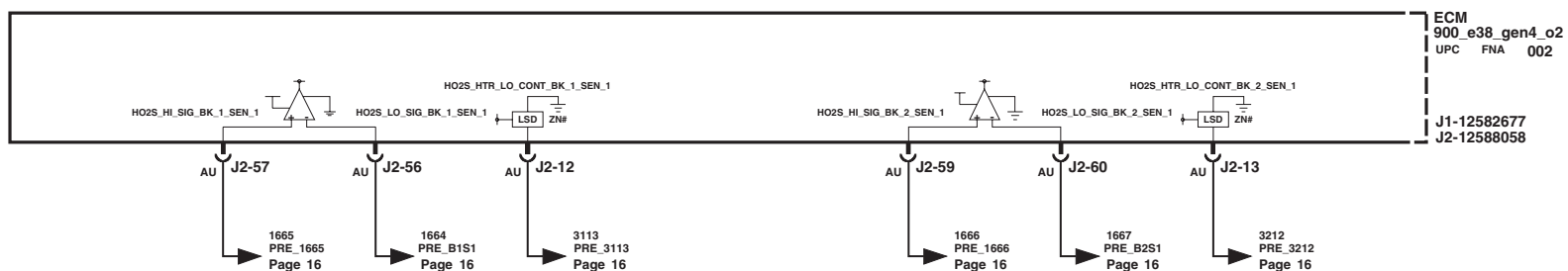


Engine Controls: Gas - V8	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	8:34:00 am	ORGANIZATION	USAGE
Released 07 GMT900	1_07_eng_ctrl_v8	013	SSF	1	Tuesday, November 29, 2005		GMT900	&L76/L92/LC9/LH6/LMG/LY2/LY5/LY6
Panel Set: 13 of 16 schematic sheet1	6 SIVWORK/1_07_eng_ctrl_v8_013						Panel Set: 13	

GM Proprietary

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Engine Controls: Gas - V8



**Engine Controls: Gas - V8**

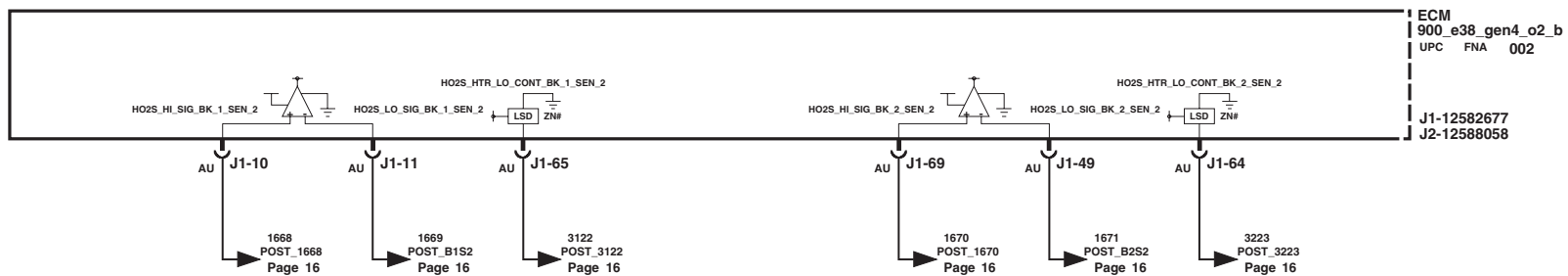
Released 07 GMT900	OBJECT ID 1_07_eng_ctrl_v8	REVISION 013	STAGE SSF	VERSION 1	LAST CHANGED BY Tuesday, November 29, 2005	8:34:00 am	ORGANIZATION GMT900	USAGE &L76/L92/LC9/LH6/LMG/LY2/LY5/LY6
Panel Set: 14 of 16 schematic sheet1	6	SIVEDWORK/1_07_eng_ctrl_v8_013					Panel Set: 14	

**GM Proprietary**



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Engine Controls: Gas - V8



**Engine Controls: Gas - V8**

Released 07 GMT900  
Panel Set: 15 of 16 schematic sheet1

OBJECT ID  
**1\_07\_eng\_ctrl\_v8**

6 SIVEDWORK/1\_07\_eng\_ctrl\_v8\_013

REVISION

013

STAGE VERSION  
**SSF 1**

LAST CHANGED BY  
8:34:00 am  
Tuesday, November 29, 2005

ORGANIZATION  
**GMT900**  
Panel Set: 15

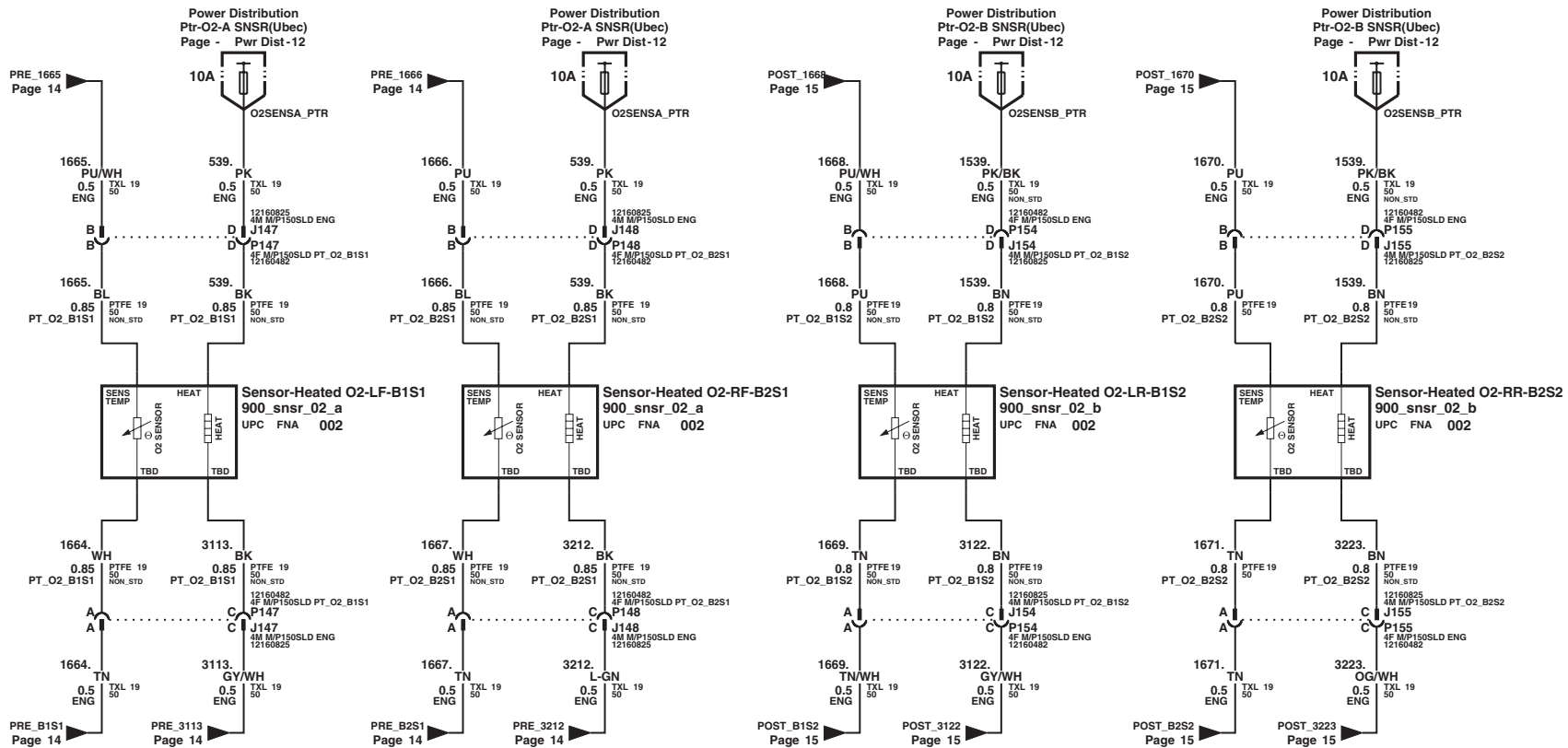
USAGE  
&L76/L92/LC9/LH6/LMG/LY2/LY5/LY6

**GM Proprietary**

## Engine Controls: Gas - V8

### PRE=DENSO

### POST=DELPHI

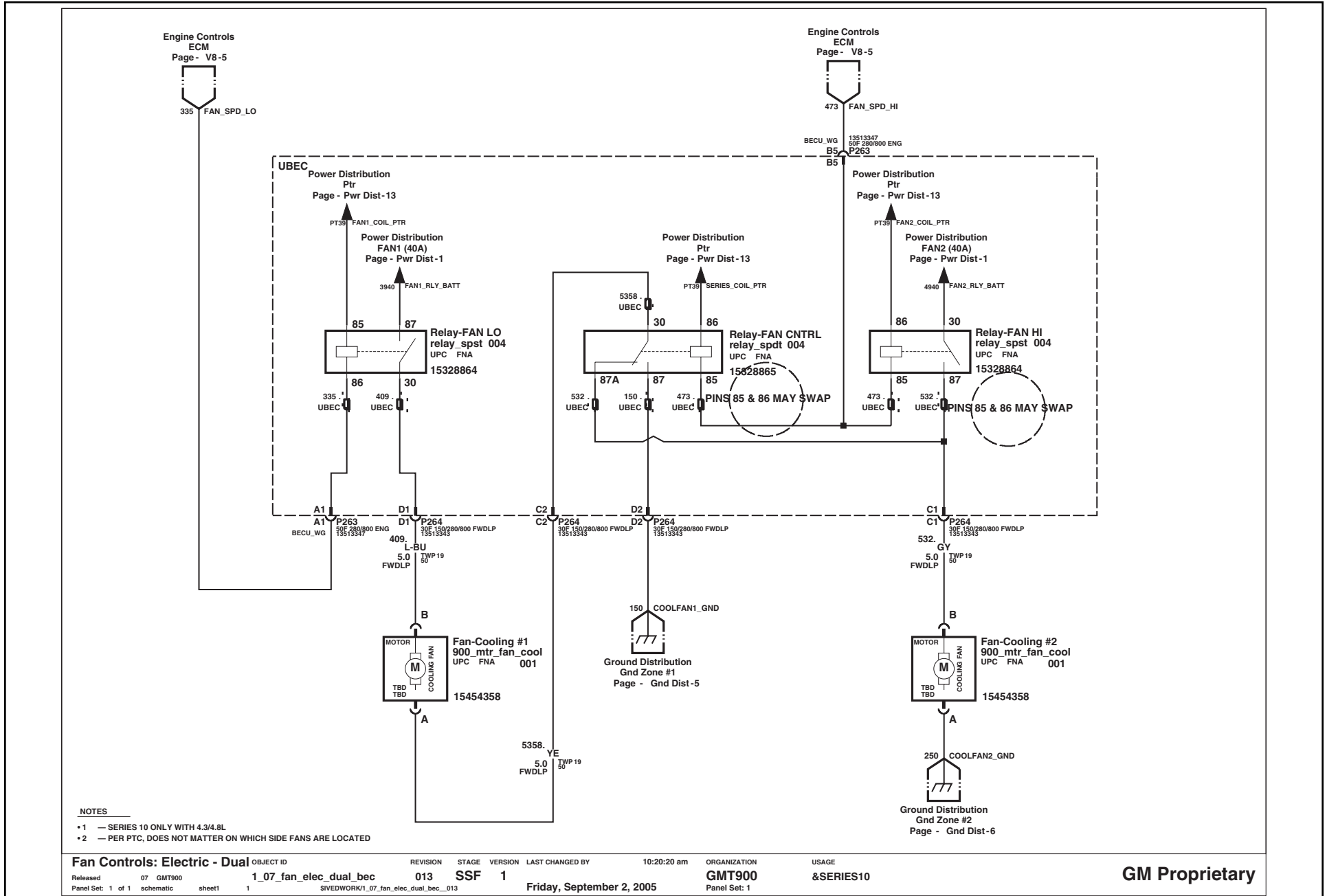


#### Engine Controls: Gas - V8

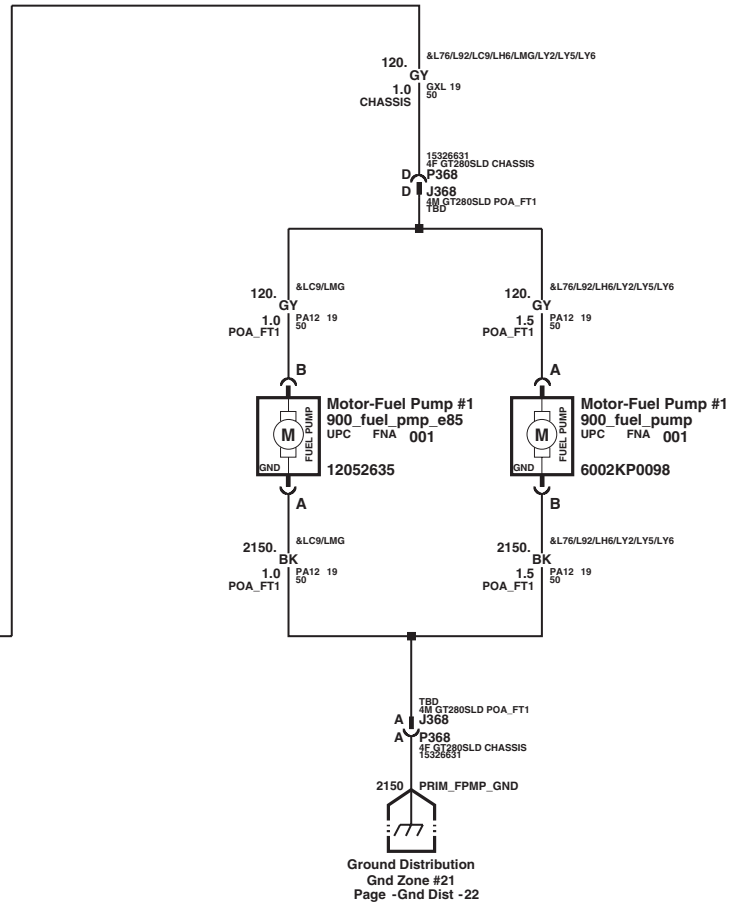
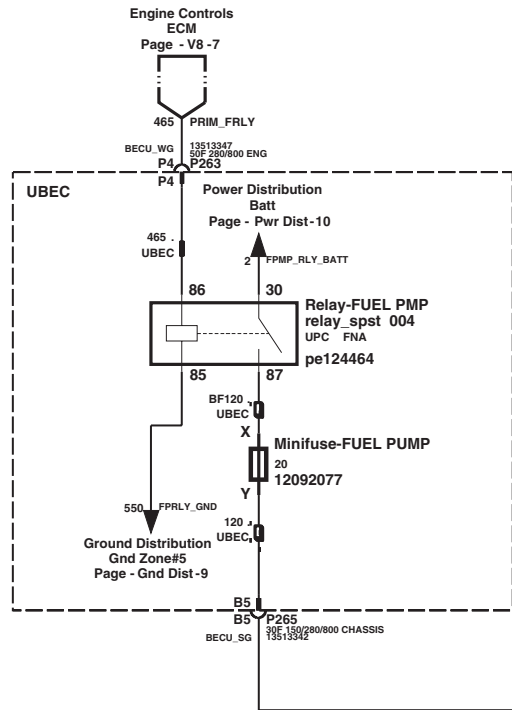
Released	07 GMT900	OBJECT ID	1_07_eng_ctrl_v8	REVISION	013	STAGE	SSF	VERSION	1	LAST CHANGED BY	8:34:00 am	ORGANIZATION	GMT900	USAGE	&L76/L92/LC9/LH6/LMG/LY2/LY5/LY6
Panel Set:	16 of 16	schematic	sheet1	6	SIVEDWORK/1_07_eng_ctrl_v8_013					Tuesday, November 29, 2005					

GM Proprietary

## Fan Controls: Electric - Dual



## Fuel Systems

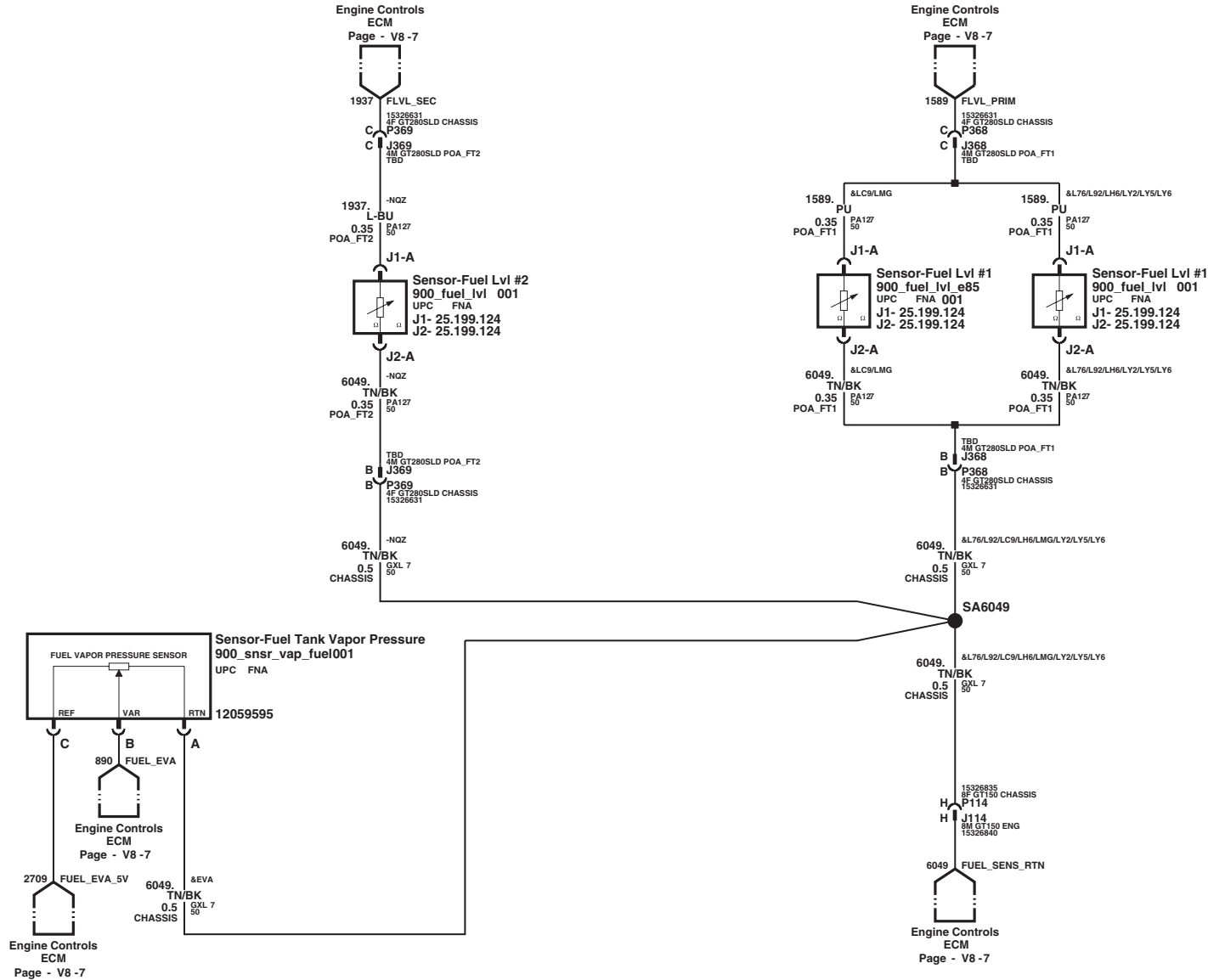


**Fuel Systems**

Released 07 GMT900 1\_07\_fuel OBJECT ID 013 SSF 1 LAST CHANGED BY 10:20:38 am ORGANIZATION GMT900 USAGE

**GM Proprietary**

## Fuel Systems

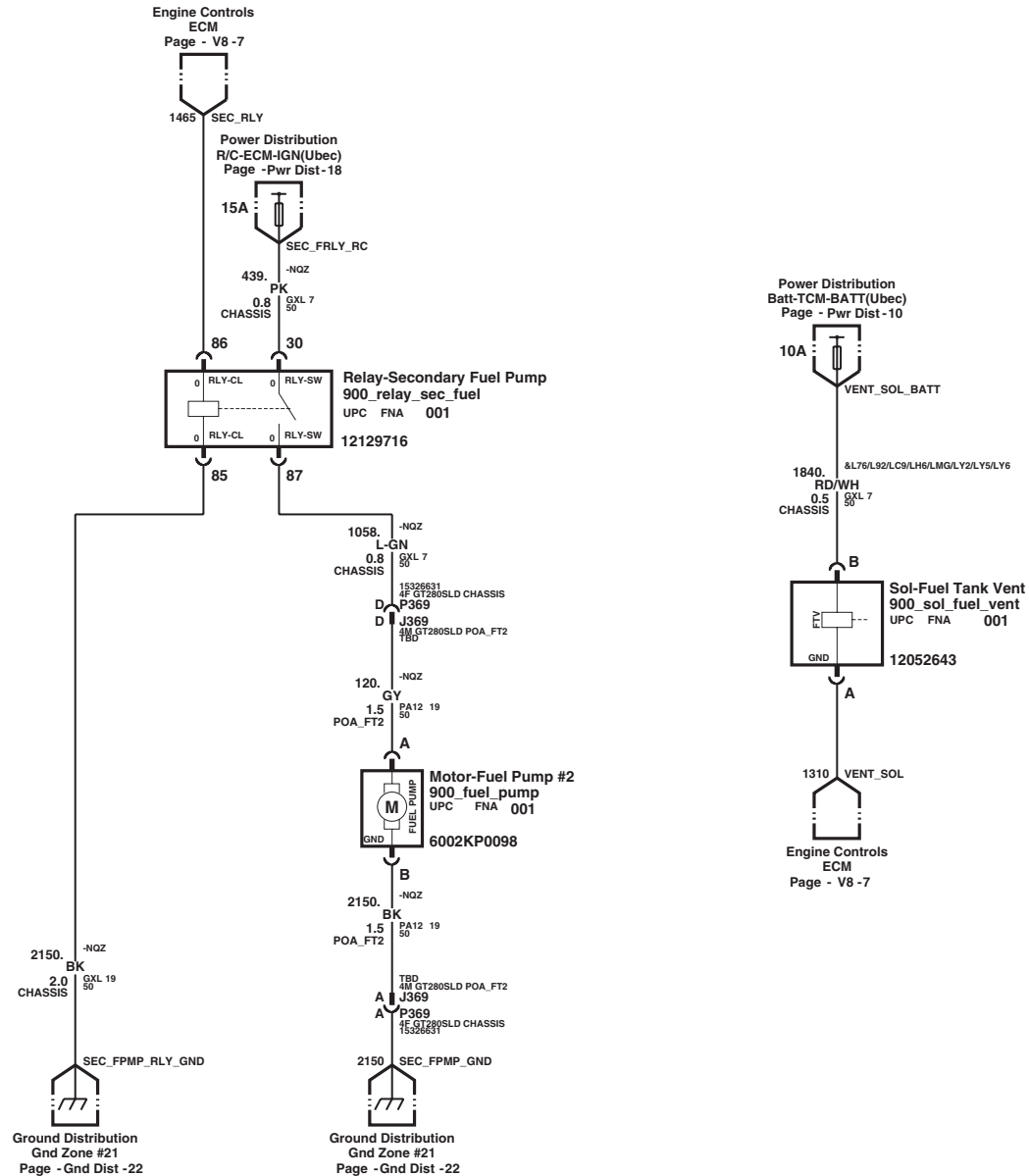


**Fuel Systems**

Released	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	10:20:38 am	ORGANIZATION	USAGE
Panel Set: 2 of 3 schematic sheet1	1_07_fuel	013	SSF	1	Friday, September 2, 2005		GMT900	

GM Proprietary

## Fuel Systems



NOTES  
 \*1 — ONLY LY6 GETS (-NOZ)

**Fuel Systems**

Released 07 GMT900  
 Panel Set: 3 of 3 schematic sheet1

OBJECT ID: 1\_07\_fuel  
 SIVEDWORK/1\_07\_fuel\_013

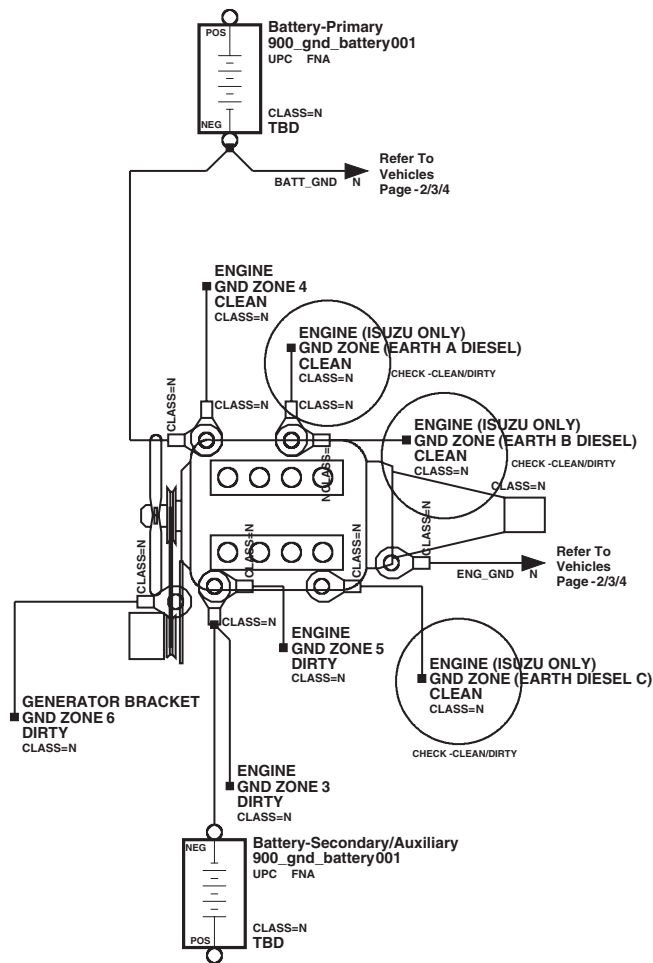
REVISION: 013  
 STAGE: SSF  
 VERSION: 1

LAST CHANGED BY: 10:20:38 am  
 ORGANIZATION: GMT900  
 USAGE: Panel Set: 3

Friday, September 2, 2005

**GM Proprietary**

## Ground Distribution



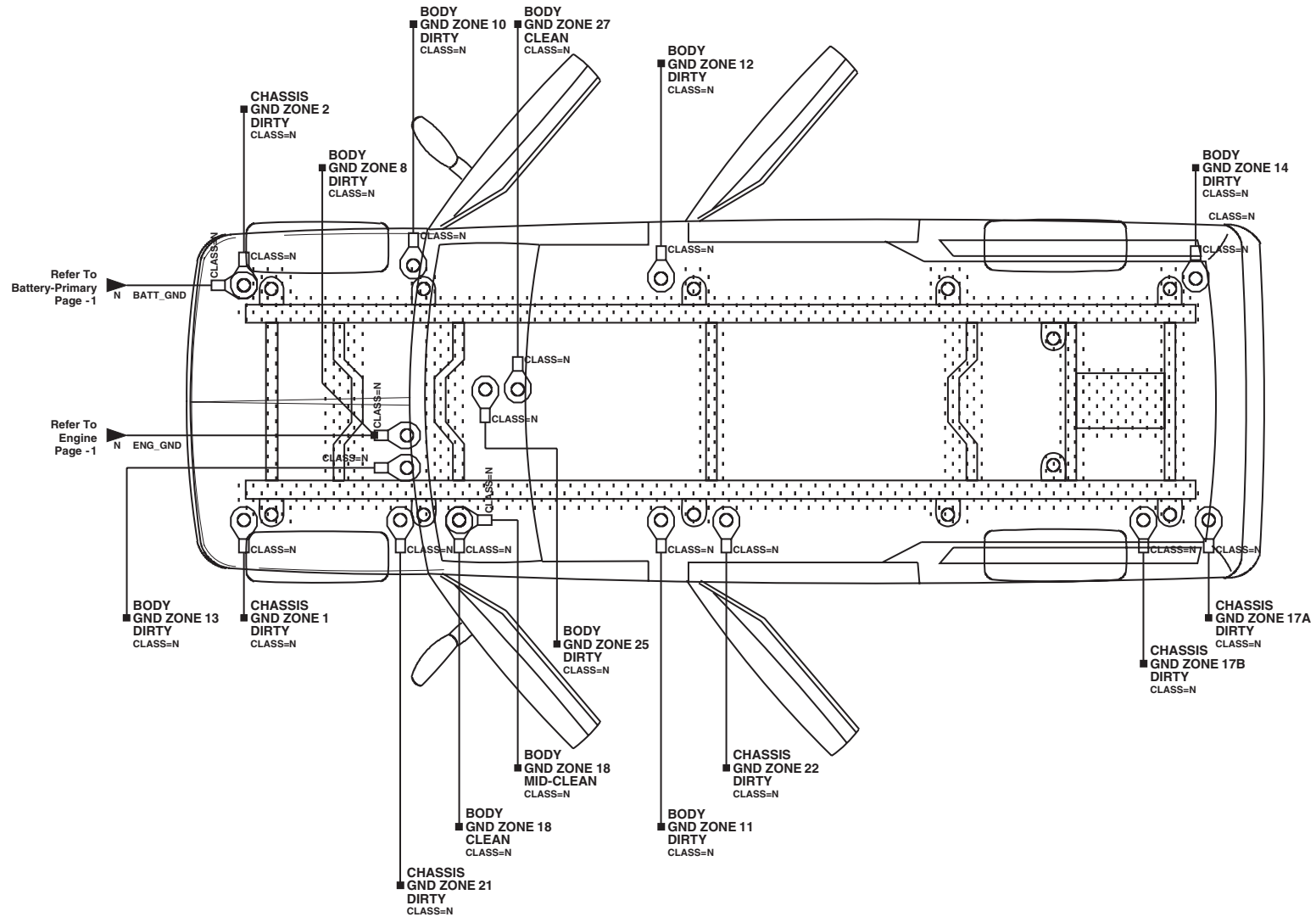
- NOTES
- 1 — APPROXIMATE LOCATIONS SHOWN.
  - 2 — "CLASS=N" IS AN IVED CONVENTION & SHOULD'N'T BE CONFUSED AS DESIGN.

**Ground Distribution**

Released 07 GMT900 Panel Set: 1 of 27 schematic sheet1 35 OBJECT ID 1\_07\_gnd\_dist REVISION 013 STAGE SSF 1 VERSION 1 LAST CHANGED BY Friday, January 20, 2006 3:21:05 pm ORGANIZATION GMT900 USAGE

**GM Proprietary**

## Ground Distribution



- NOTES**
- 1 — APPROXIMATE LOCATIONS SHOWN.
  - 2 — "CLASS=N" IS AN IVED CONVENTION & SHOULDN'T BE CONFUSED AS DESIGN.

Ground Distribution		OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	3:21:05 pm	ORGANIZATION	USAGE
Released	07 GMT900	1_07_gnd_dist	013	SSF	1			GMT900	
Panel Set:	2 of 27 schematic sheet	35	SIVEDWORK/1_07_gnd_dist_013			Friday, January 20, 2006			

**GM Proprietary**



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Ground Distribution

• PAGE RESERVED FOR PICKUPS

Ground Distribution

Released	07 GMT900	OBJECT ID	1_07_gnd_dist	REVISION	013	STAGE	SSF	VERSION	1	LAST CHANGED BY	3:21:05 pm	ORGANIZATION	GMT900	USAGE	
Panel Set:	3 of 27 schematic sheet1	35	SIVEDWORK/1_07_gnd_dist_013							Friday, January 20, 2006					

GM Proprietary

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Ground Distribution

• PAGE RESERVED FOR PICKUPS

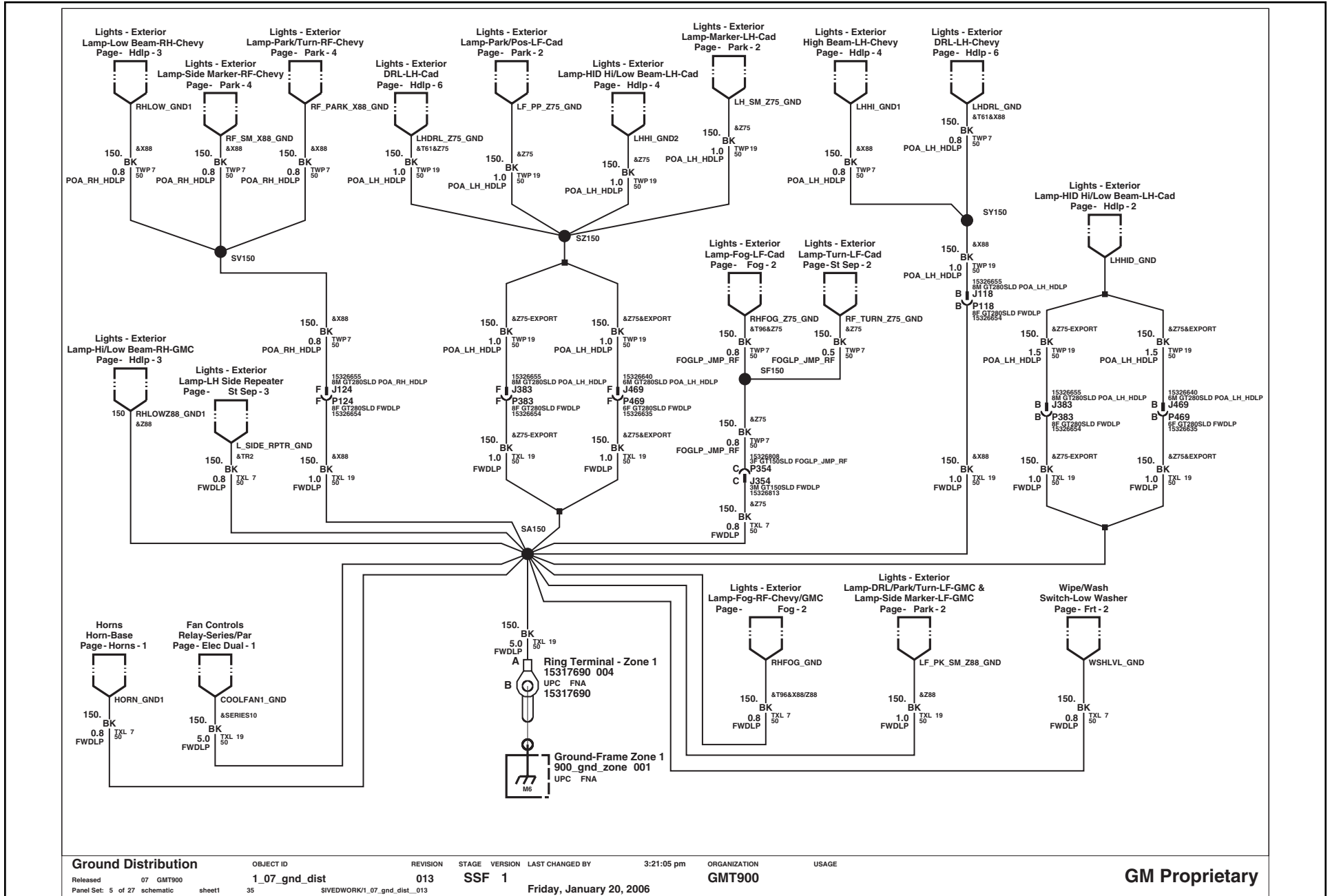
Ground Distribution

Released	07 GMT900	OBJECT ID	1_07_gnd_dist	REVISION	013	STAGE	SSF	VERSION	1	LAST CHANGED BY	3:21:05 pm	ORGANIZATION	GMT900	USAGE	
Panel Set:	4 of 27	schematic	sheet1	35	SIVEDWORK/1_07_gnd_dist_013					Friday, January 20, 2006					

GM Proprietary

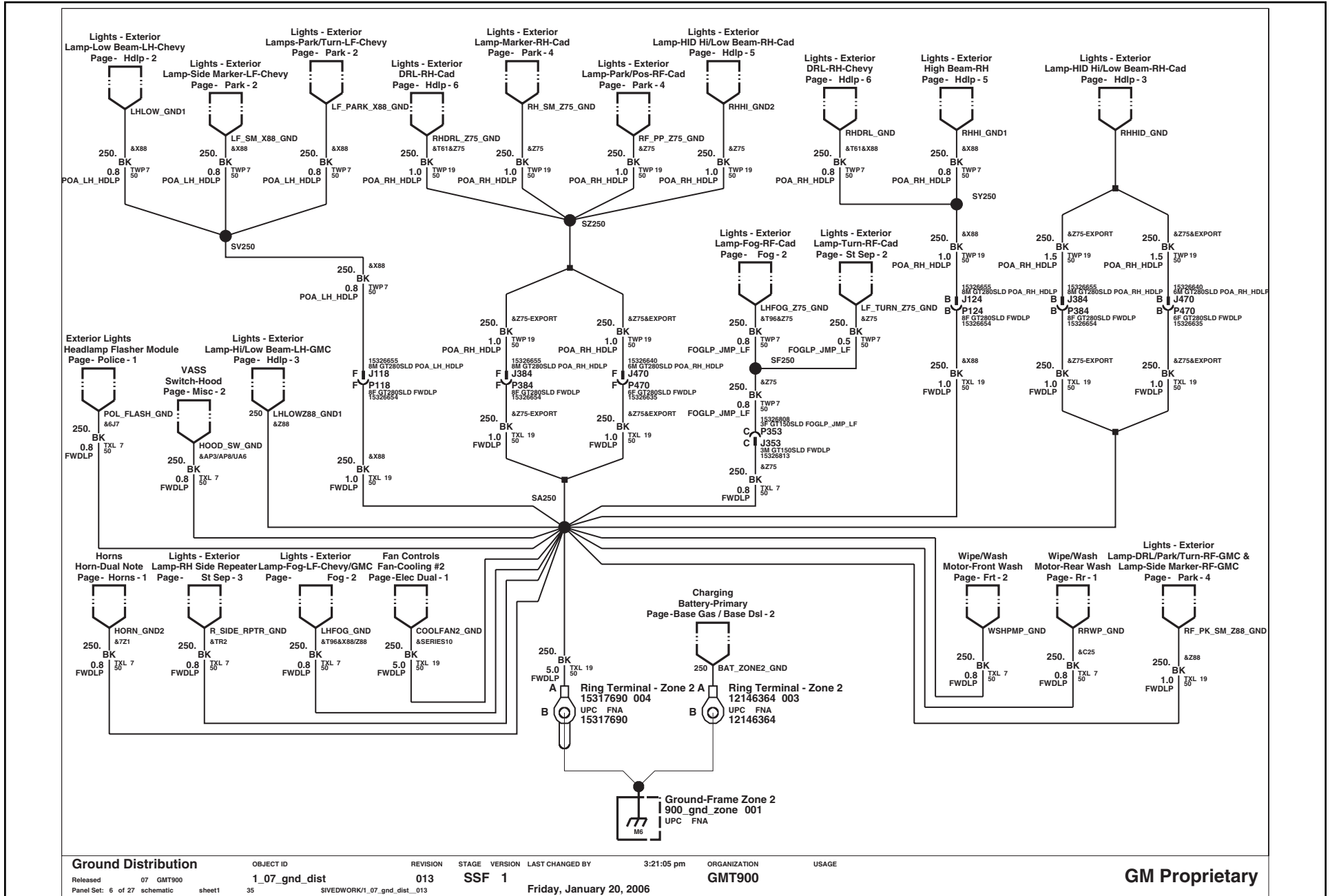
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Ground Distribution



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

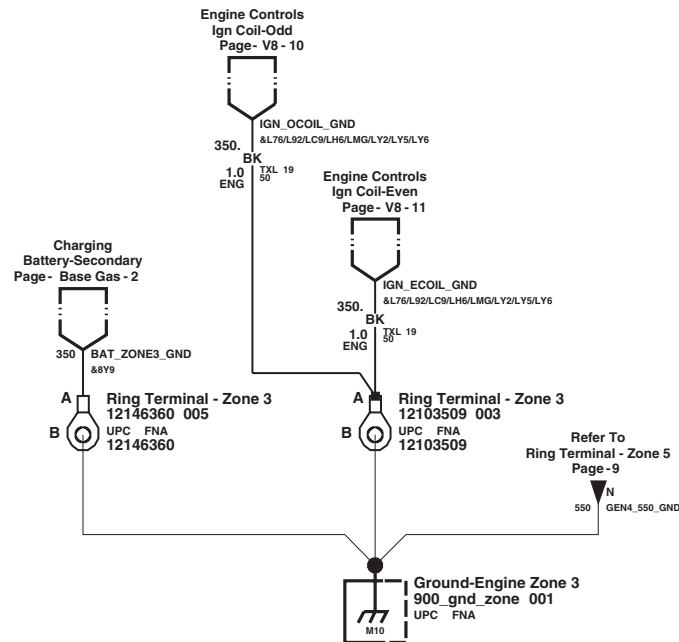
## Ground Distribution



Ground Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	3:21:05 pm	ORGANIZATION	USAGE
Released 07 GMT900	1_07_gnd_dist	013	SSF	1			GMT900	
Panel Set: 6 of 27 schematic sheet1	35	SIVEDWORK/1_07_gnd_dist_013			Friday, January 20, 2006			

GM Proprietary

## Ground Distribution



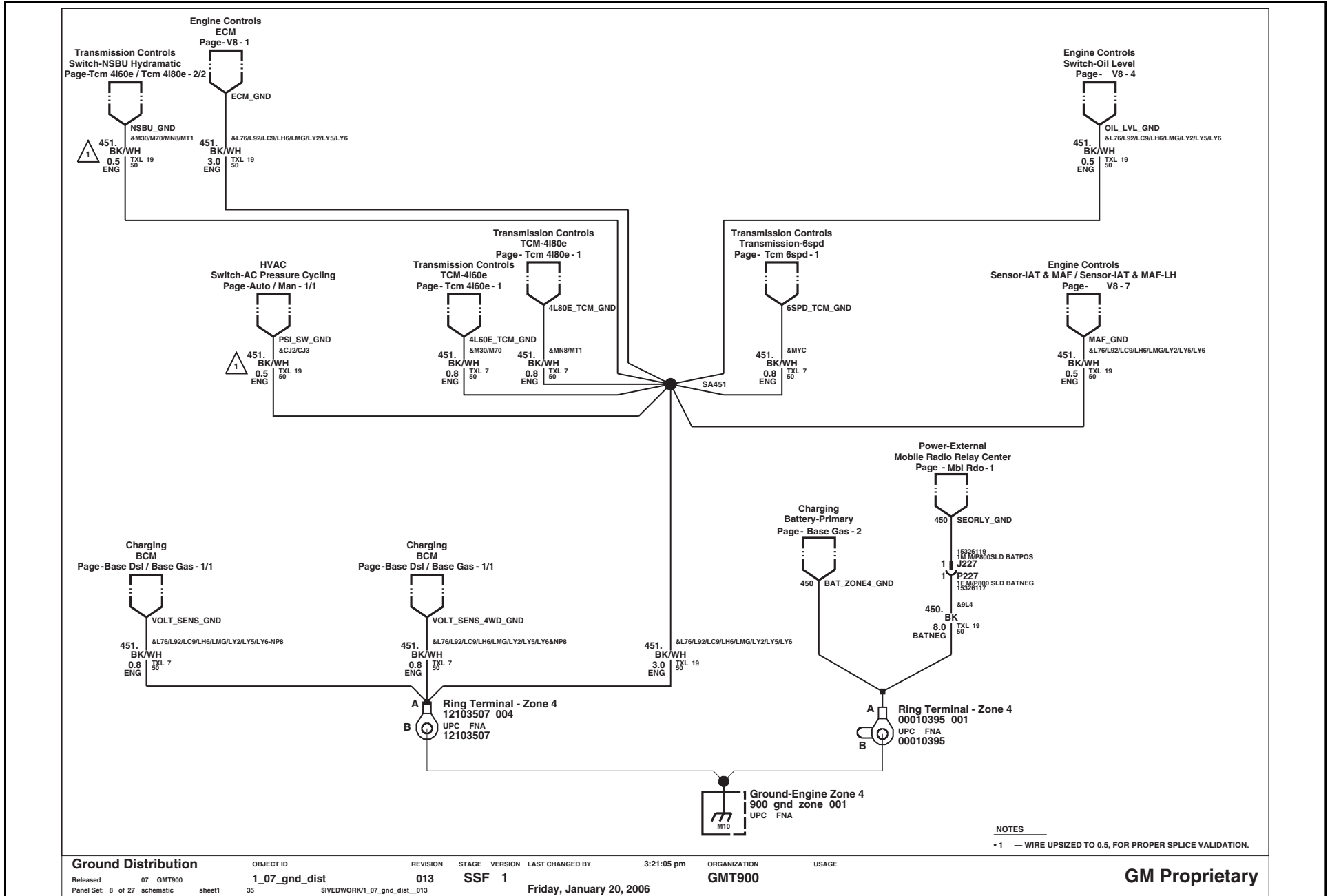
**Ground Distribution**

Released	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	3:21:05 pm	ORGANIZATION	USAGE
07 GMT900	1_07_gnd_dist	013	SSF	1			GMT900	
Panel Set: 7 of 27 schematic sheet1	35	SIVEDWORK/1_07_gnd_dist_013			Friday, January 20, 2006			

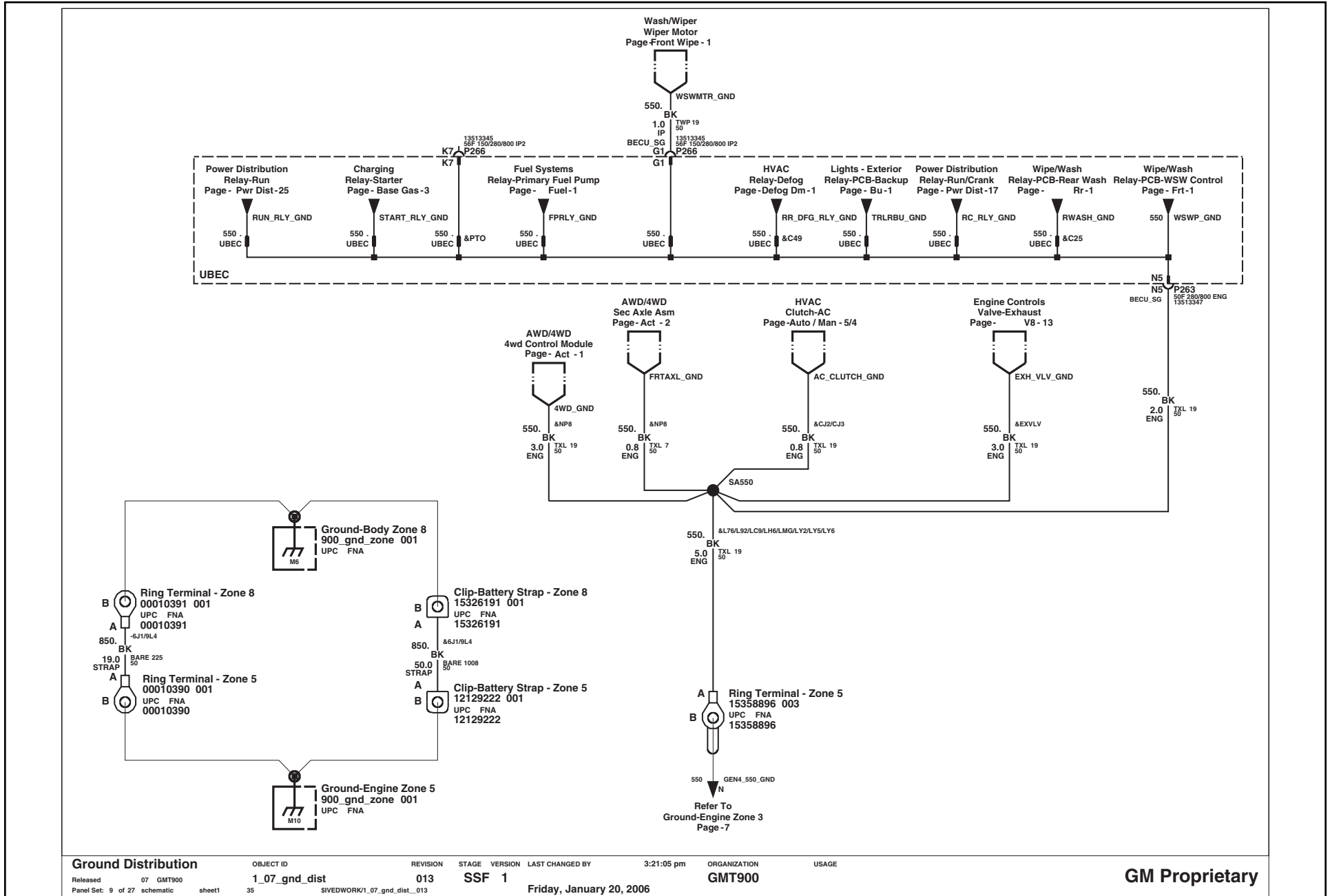
**GM Proprietary**

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Ground Distribution

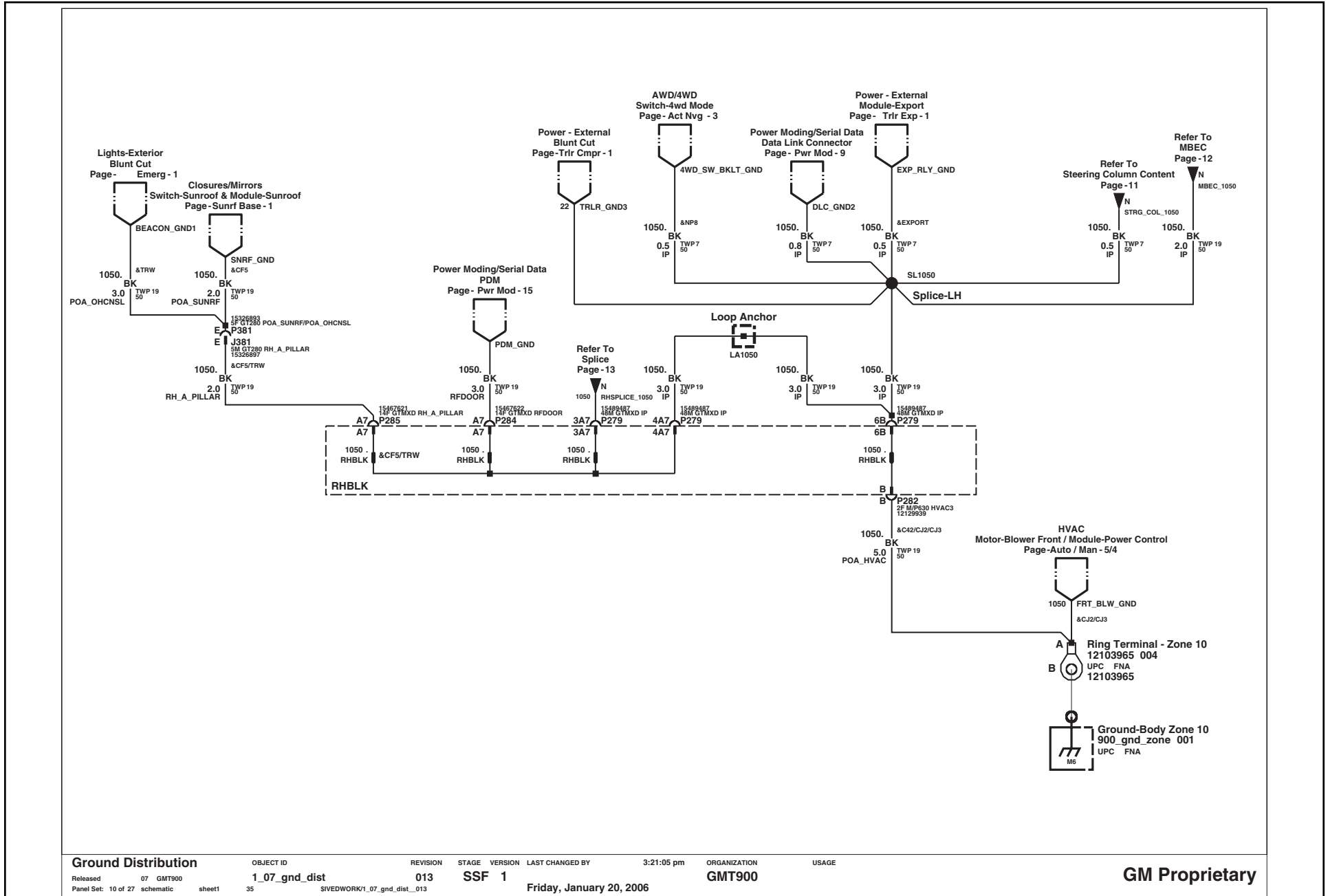


## Ground Distribution



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Ground Distribution

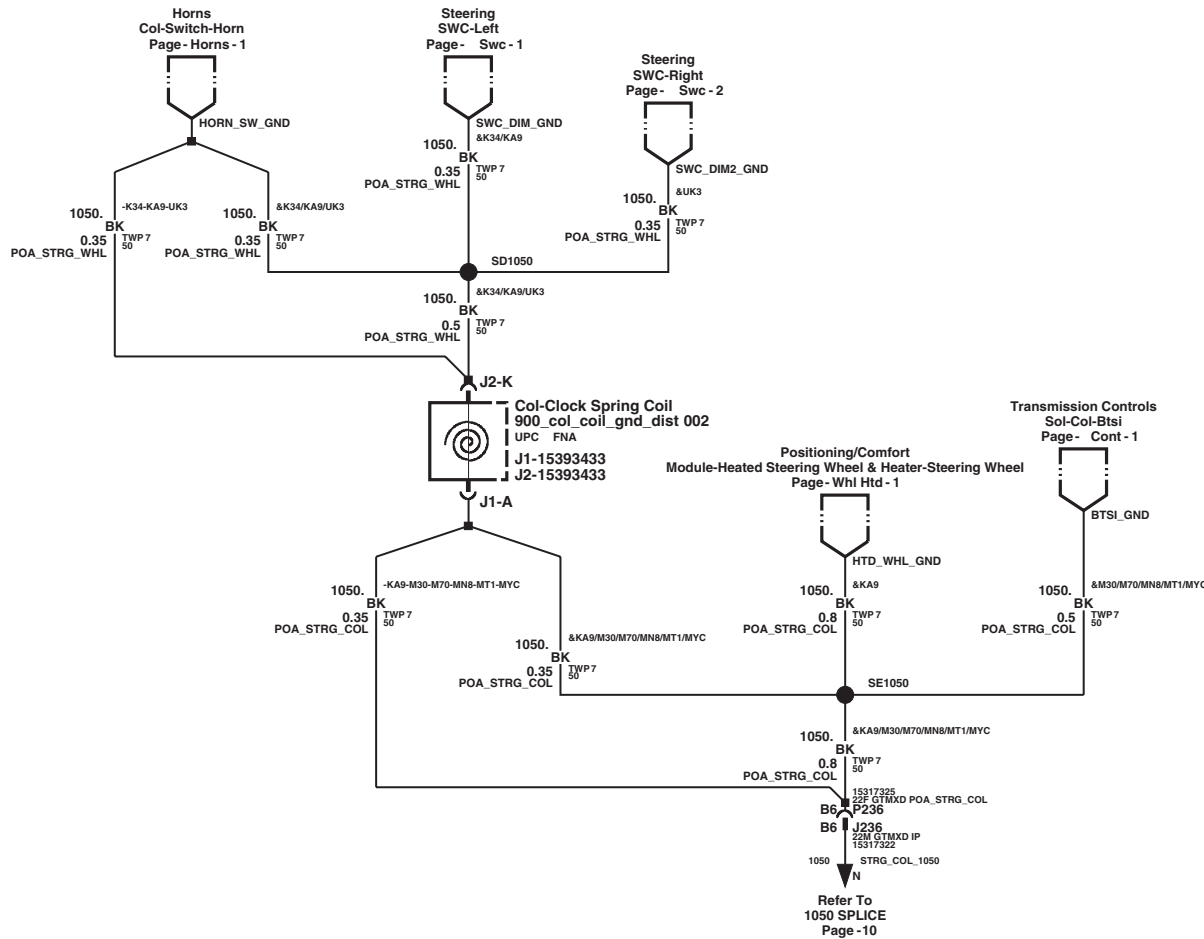


Ground Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	3:21:05 pm	ORGANIZATION	USAGE
Released 07 GMT900	1_07_gnd_dist	013	SSF	1			GMT900	
Panel Set: 10 of 27 schematic sheet1	35	SIVEDWORK/1_07_gnd_dist_013			Friday, January 20, 2006			

GM Proprietary



## Ground Distribution



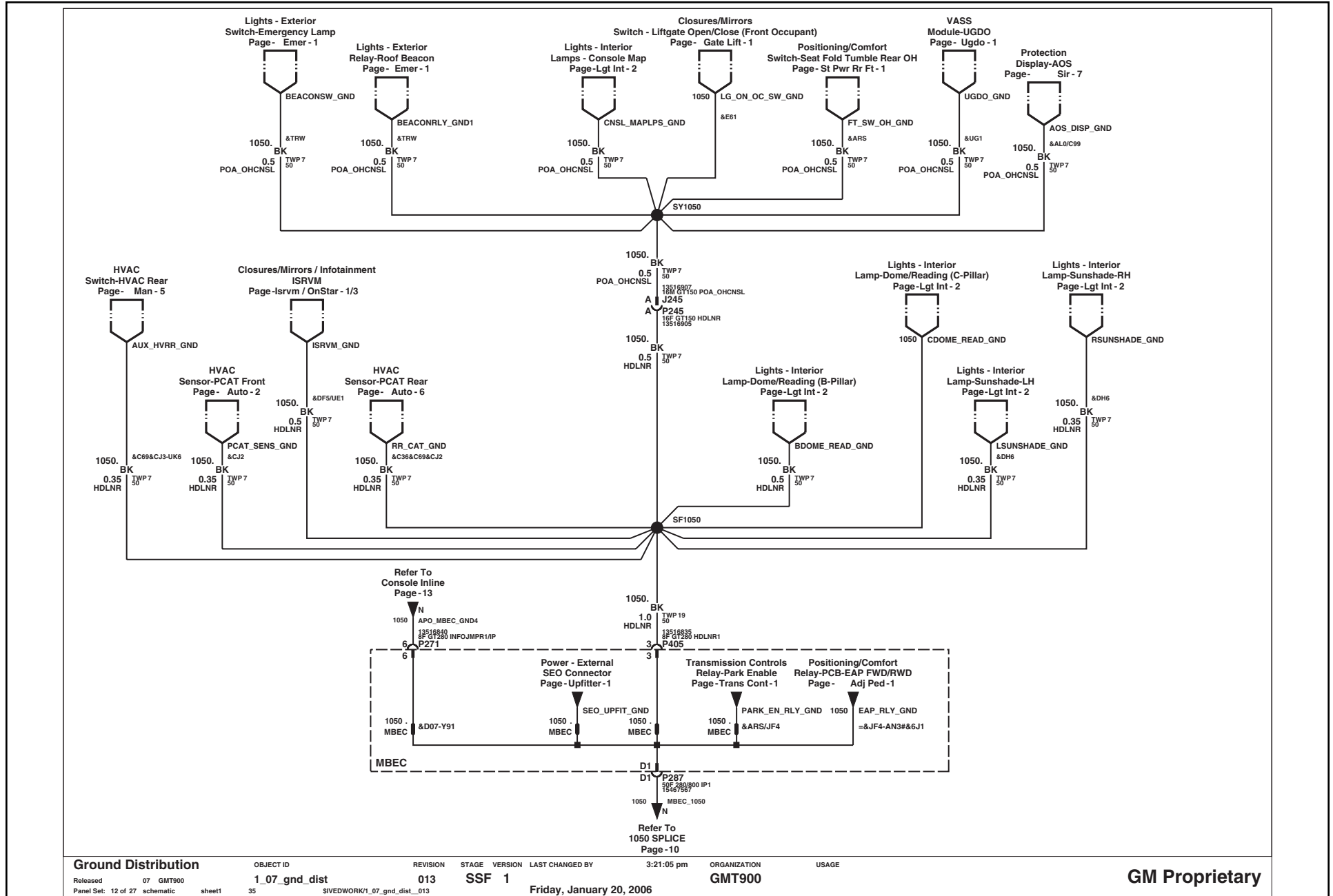
**Ground Distribution**

Released 07 GMT900  
 Panel Set: 11 of 27 schematic sheet1

OBJECT ID: 1\_07\_gnd\_dist  
 REVISION: 013  
 STAGE: SSF 1  
 VERSION: 1  
 LAST CHANGED BY: 3:21:05 pm  
 ORGANIZATION: GMT900  
 USAGE:

**GM Proprietary**

## Ground Distribution

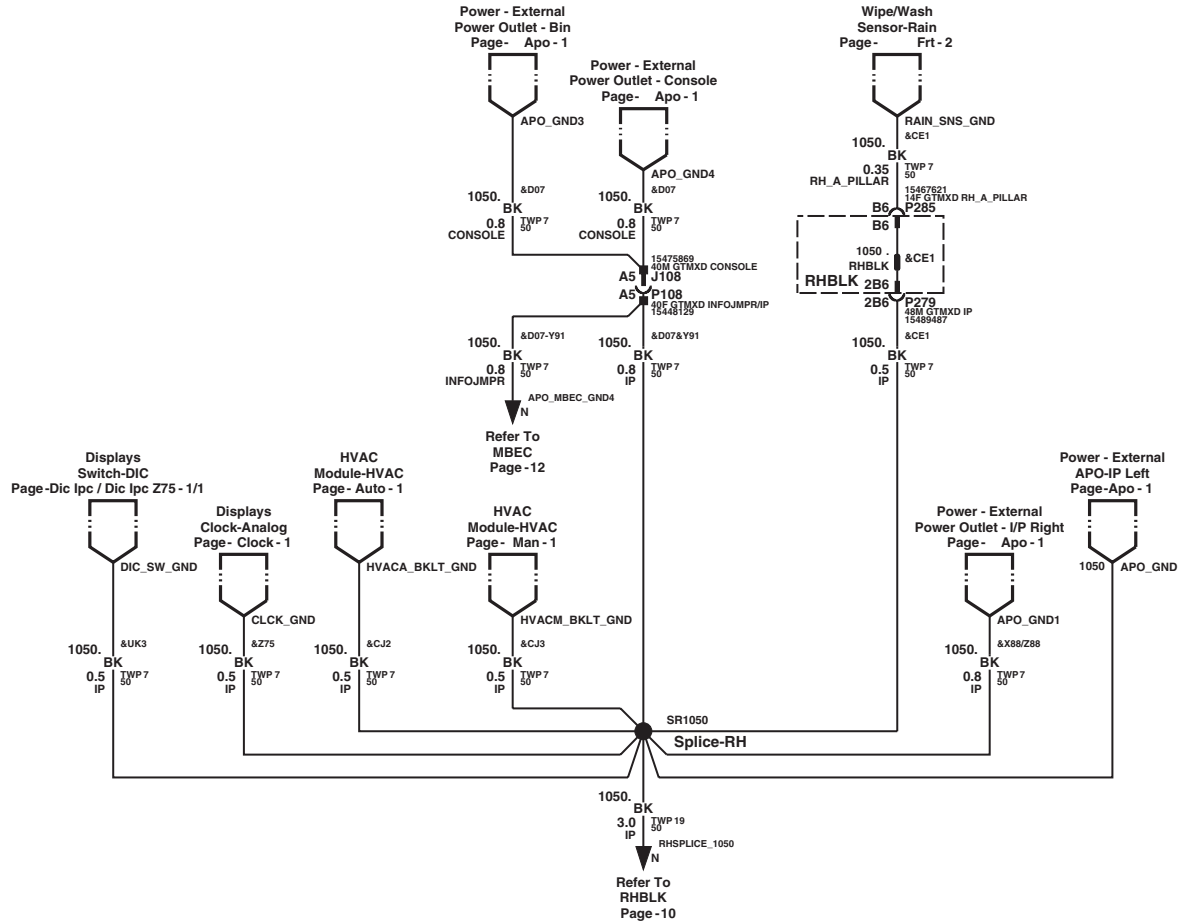


**Ground Distribution**

Released	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	3:21:05 pm	ORGANIZATION	USAGE
07 GMT900	1_07_gnd_dist	013	SSF	1			GMT900	
Panel Set: 12 of 27 schematic sheet1	35	SIVEDWORK/1_07_gnd_dist_013			Friday, January 20, 2006			

GM Proprietary

## Ground Distribution



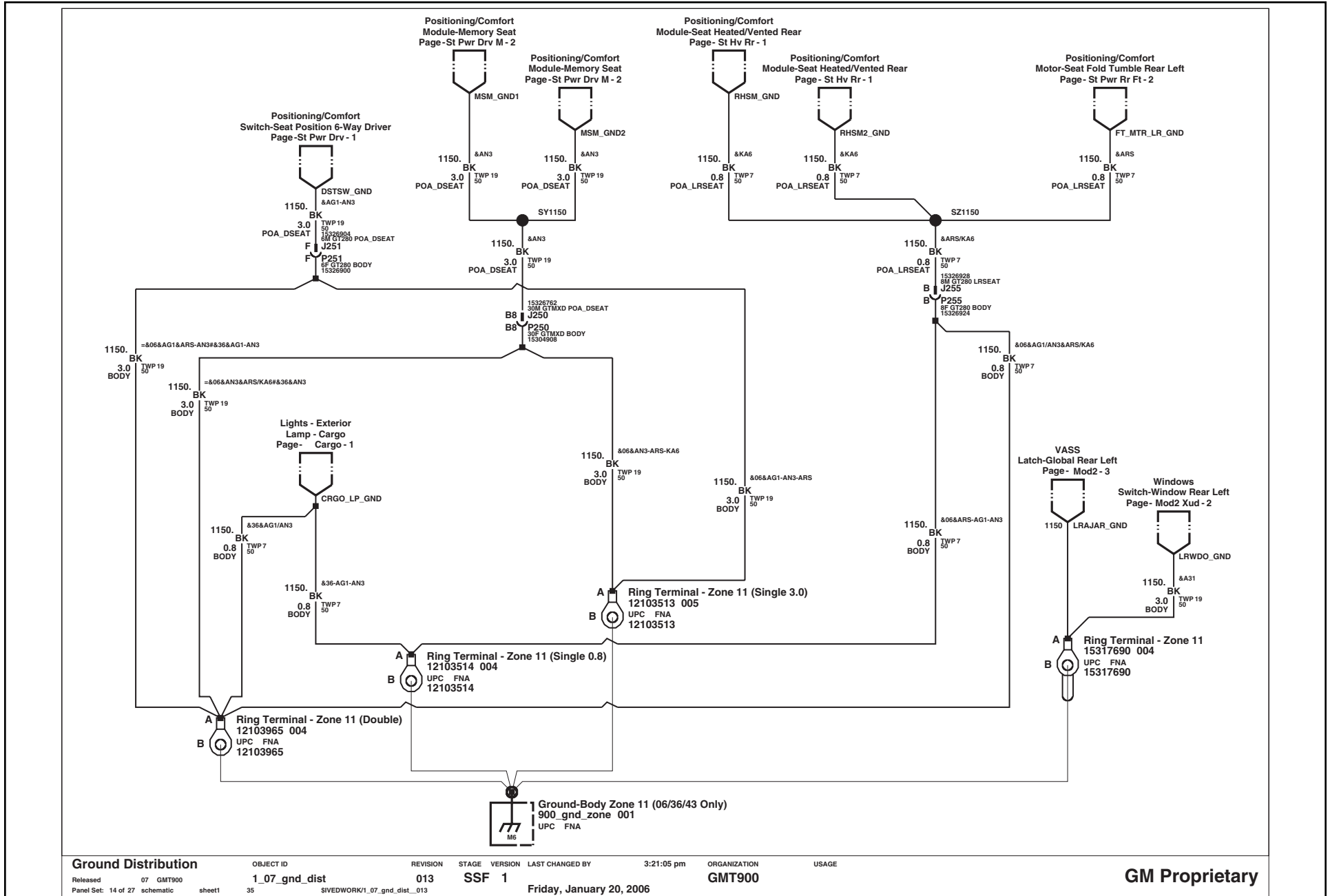
**Ground Distribution**

Released	07 GMT900	OBJECT ID	1_07_gnd_dist	REVISION	013	STAGE	SSF 1	VERSION	LAST CHANGED BY	3:21:05 pm	ORGANIZATION	GMT900	USAGE
Panel Set:	13 of 27	schematic	sheet1	35	SIVEDWORK/1_07_gnd_dist_013								

Friday, January 20, 2006

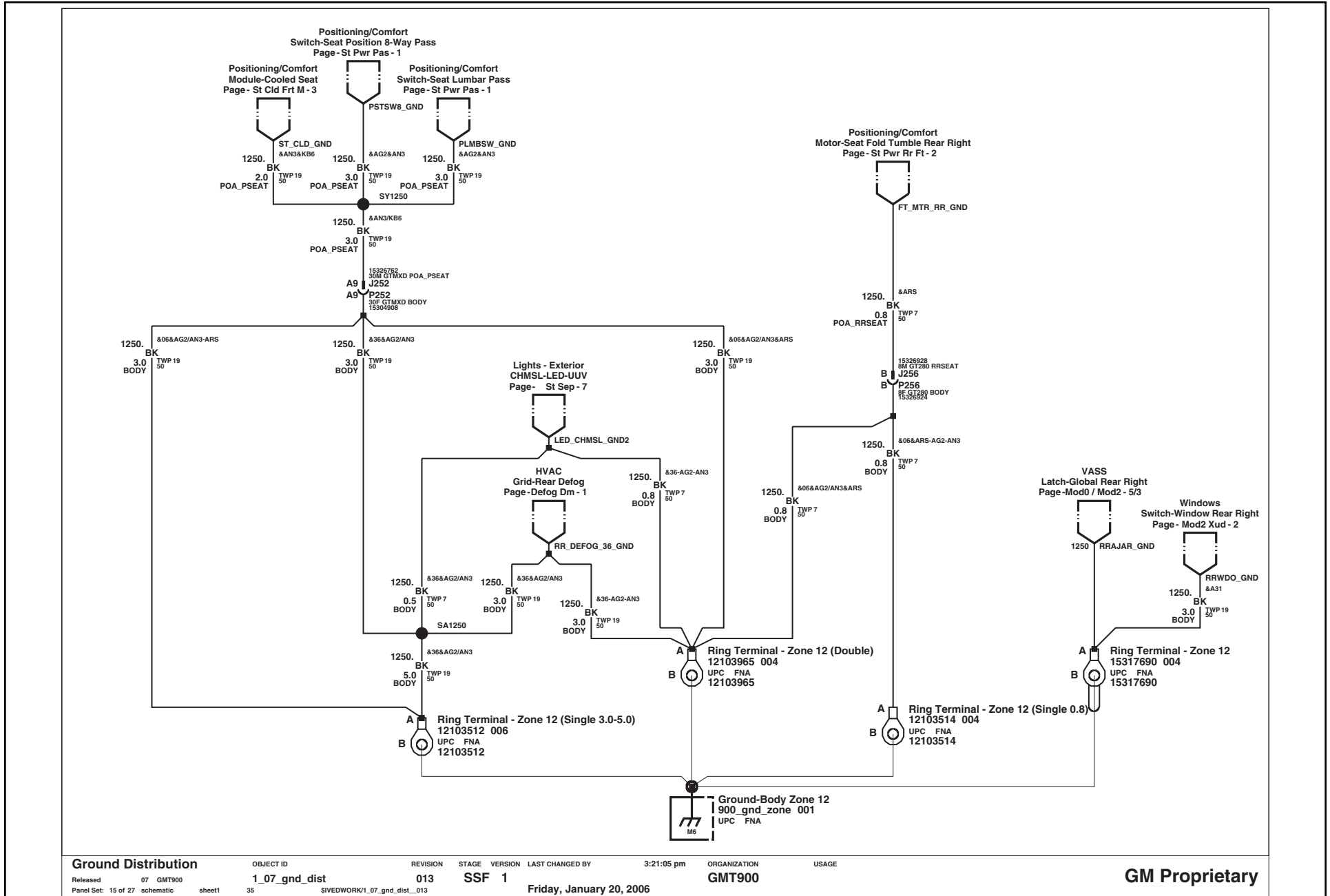
**GM Proprietary**

## Ground Distribution



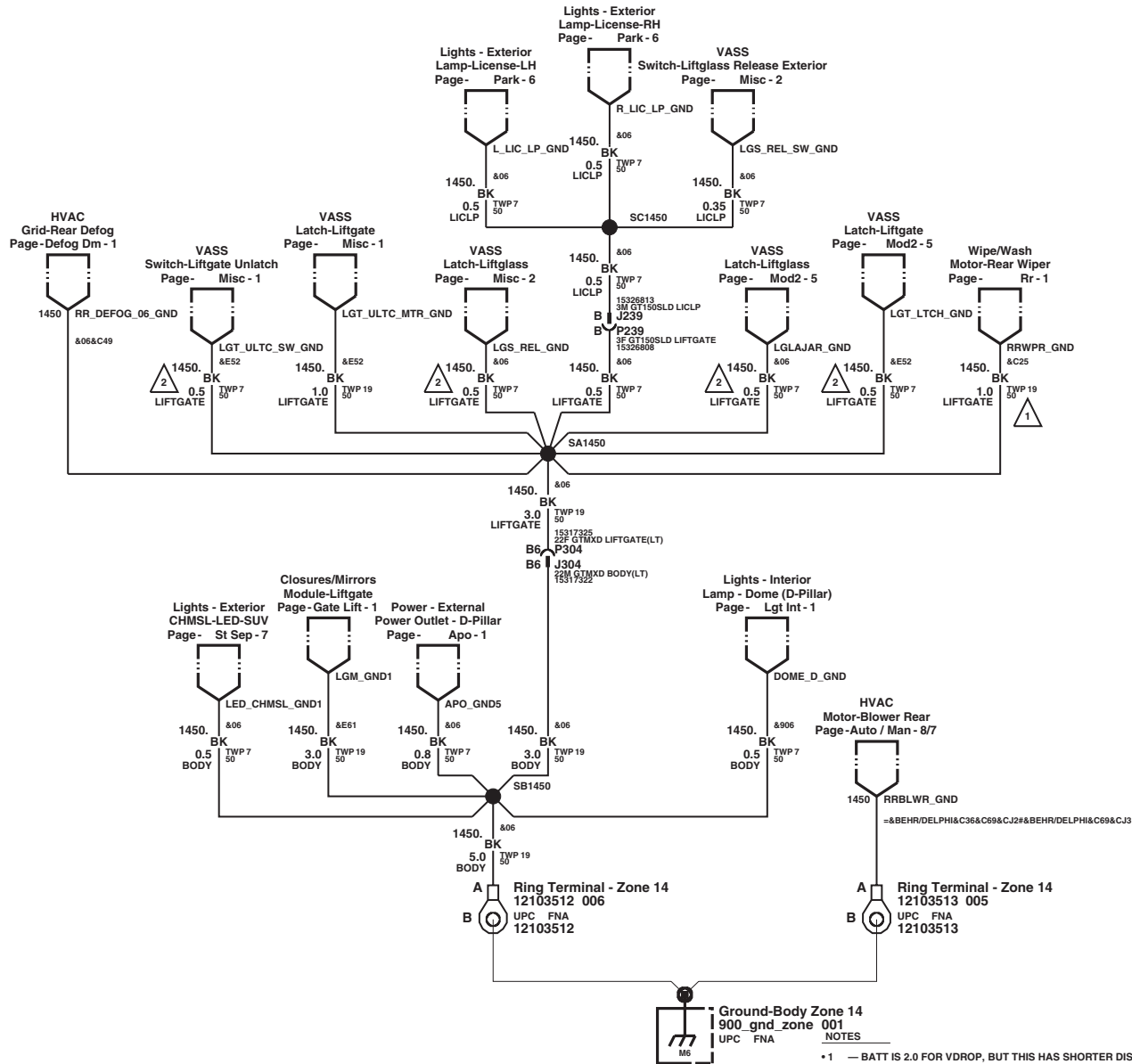
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Ground Distribution



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Ground Distribution



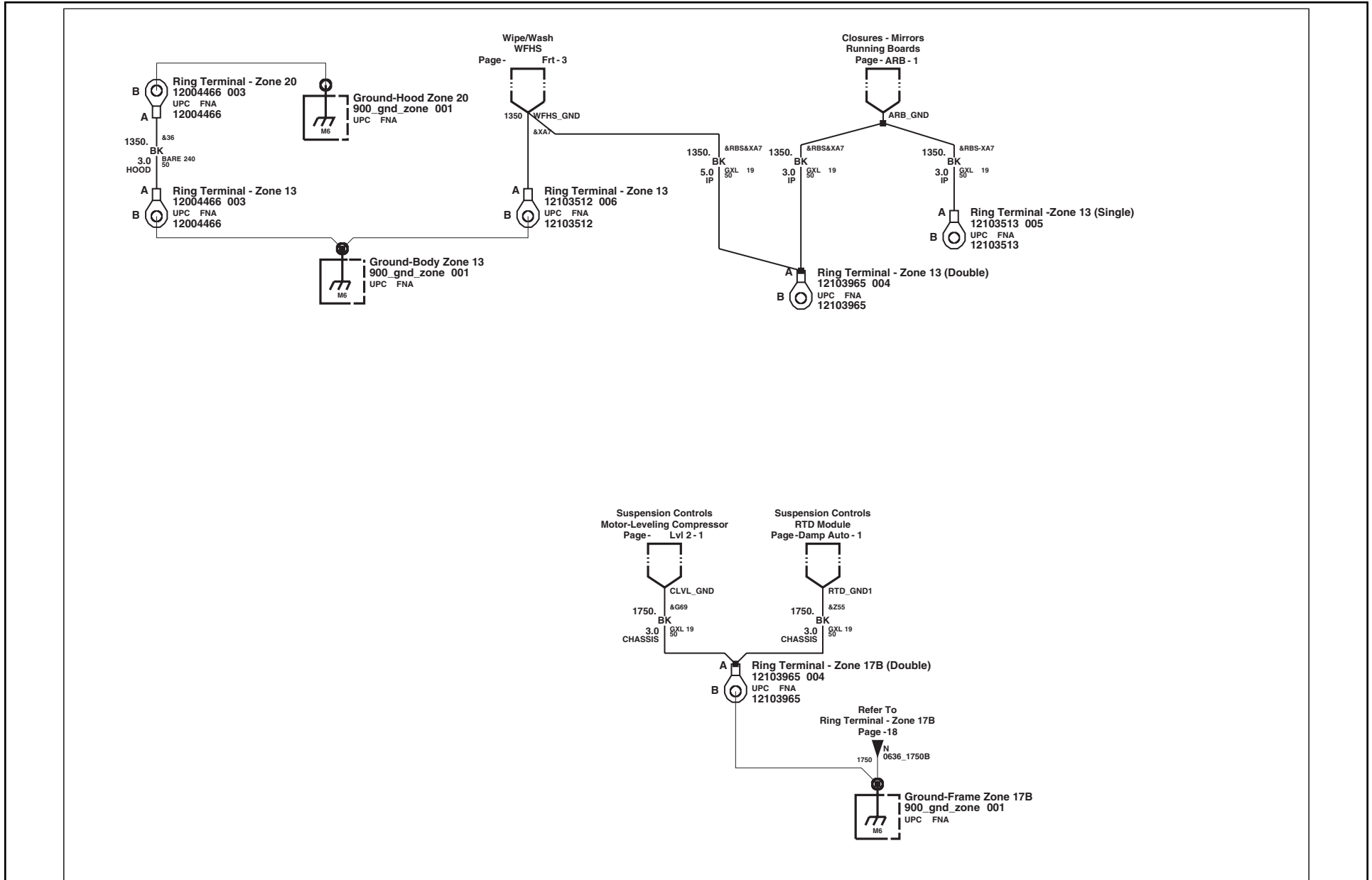
**Ground Distribution**

Released 07 GMT900  
 Panel Set: 16 of 27 schematic sheet1 35

OBJECT ID: 1\_07\_gnd\_dist  
 REVISION: 013  
 STAGE: SSF 1  
 VERSION: 1  
 LAST CHANGED BY: 3:21:05 pm  
 ORGANIZATION: GMT900  
 USAGE:

**GM Proprietary**

## Ground Distribution



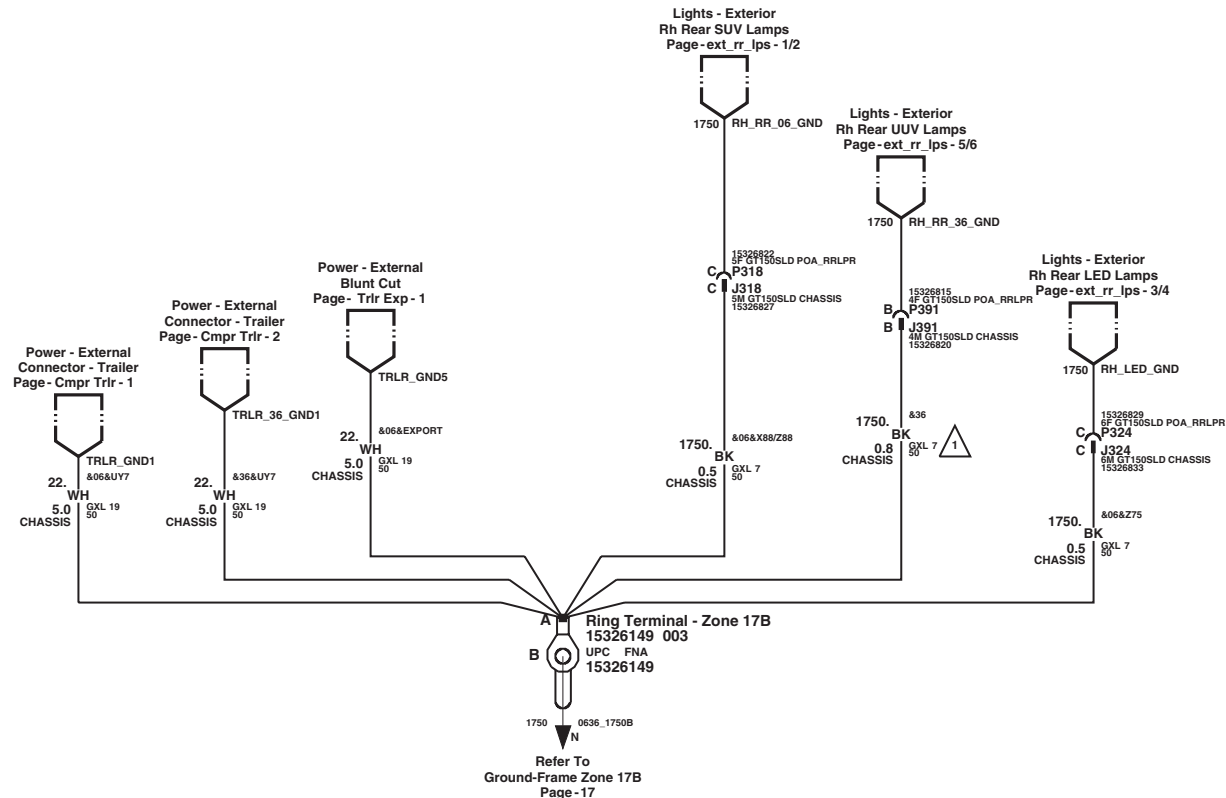
OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	3:21:05 pm	ORGANIZATION	USAGE
1_07_gnd_dist	013	SSF	1			GMT900	

Released 07 GMT900  
Panel Set: 17 of 27 schematic sheet1 35 SIVEDWORK/1\_07\_gnd\_dist\_013

Friday, January 20, 2006

**GM Proprietary**

## Ground Distribution



NOTES  
 • 1 — WIRE UPSIZED FOR VOLTAGE DROP

**Ground Distribution**

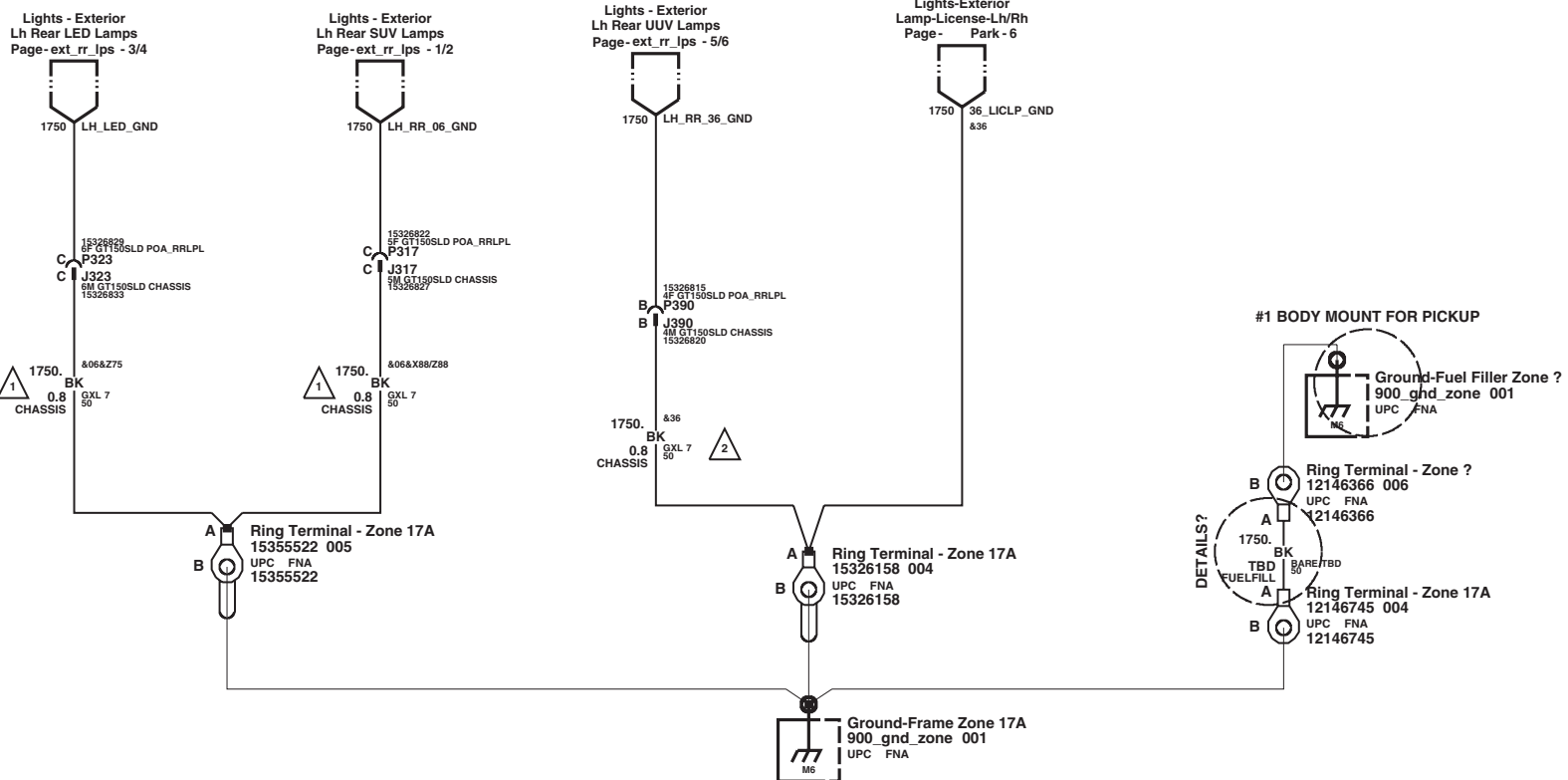
Released 07 GMT900	OBJECT ID 1_07_gnd_dist	REVISION 013	STAGE SSF 1	VERSION 1	LAST CHANGED BY Friday, January 20, 2006	3:21:05 pm	ORGANIZATION GMT900	USAGE
Panel Set: 18 of 27 schematic sheet1	35	SIVWORK/1_07_gnd_dist_013						

**GM Proprietary**



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Ground Distribution



- NOTES**
- 1 — INCREASED GAGE SIZE FOR SPLICING
  - 1 — WIRE UPSIZED FOR VOLTAGE DROP

Ground Distribution		OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	3:21:05 pm	ORGANIZATION	USAGE
Released	07 GMT900	1_07_gnd_dist	013	SSF	1			GMT900	
Panel Set:	19 of 27 schematic sheet1	35	SIVEDWORK/1_07_gnd_dist_013			Friday, January 20, 2006			

**GM Proprietary**

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Ground Distribution

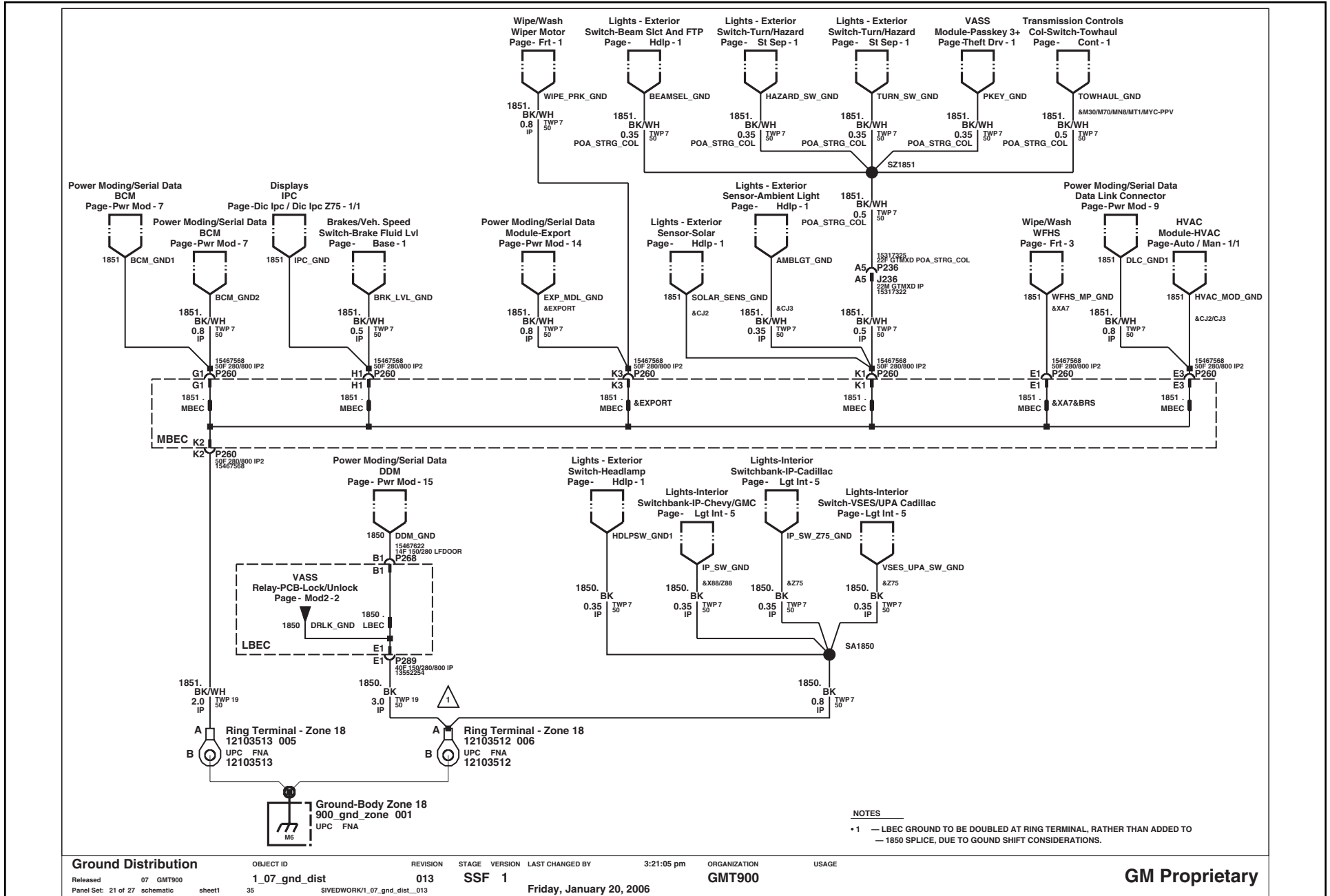
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Ground Distribution

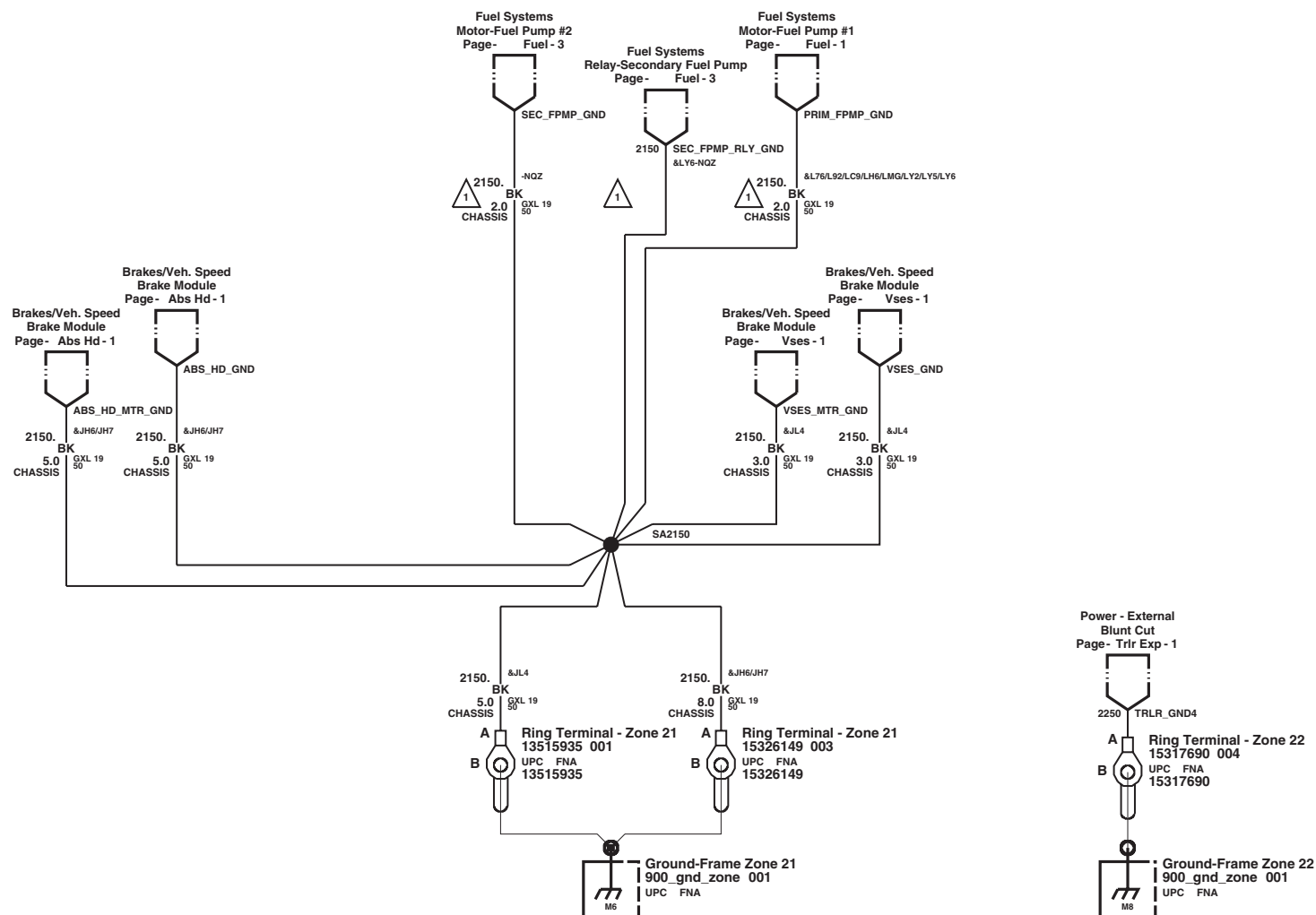
Released	07 GMT900	OBJECT ID	1_07_gnd_dist	REVISION	013	STAGE	SSF	VERSION	1	LAST CHANGED BY	3:21:05 pm	ORGANIZATION	GMT900	USAGE	
Panel Set:	20 of 27	schematic	sheet1	35	SIVEDWORK/1_07_gnd_dist_013					Friday, January 20, 2006					

GM Proprietary

## Ground Distribution



## Ground Distribution



NOTES  
\*1 — INCREASED GAGE SIZE FOR SPLICING

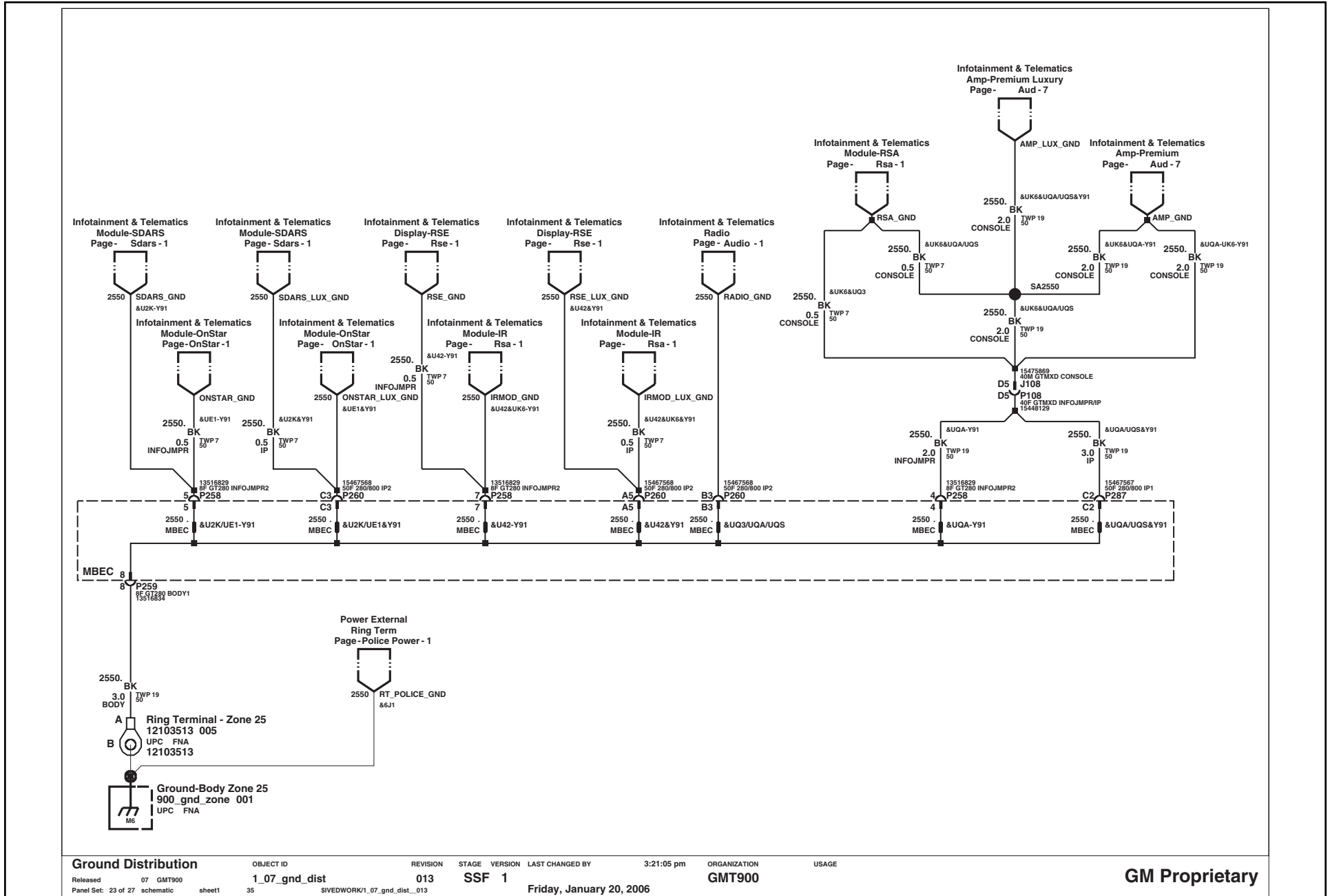
### Ground Distribution

Released 07 GMT900  
Panel Set: 22 of 27 schematic sheet1

OBJECT ID 1\_07\_gnd\_dist  
REVISION 013  
STAGE SSF 1  
VERSION 1  
LAST CHANGED BY SIVEDWORK/1\_07\_gnd\_dist\_013  
3:21:05 pm  
ORGANIZATION GMT900  
USAGE

GM Proprietary

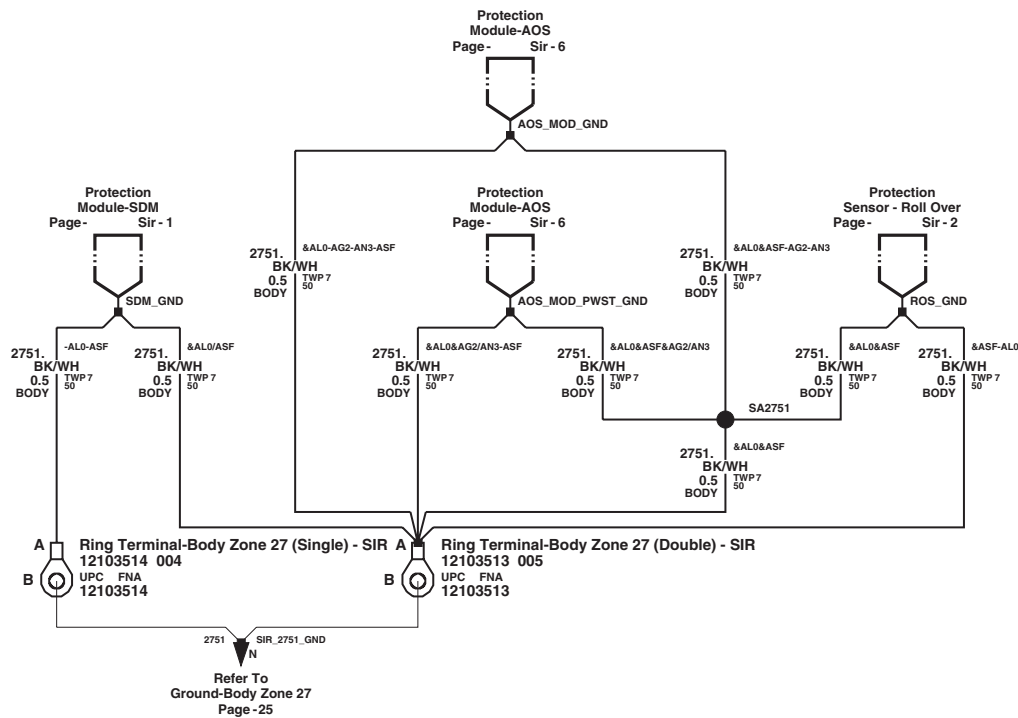
## Ground Distribution



Ground Distribution		OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	3:21:05 pm	ORGANIZATION	USAGE
Released	07 GMT900	1_07_gnd_dist	013	SSF	1			GMT900	
Panel Set:	23 of 27 schematic sheet	35	SIVEDWORK/1_07_gnd_dist_013			Friday, January 20, 2006			

GM Proprietary

## Ground Distribution



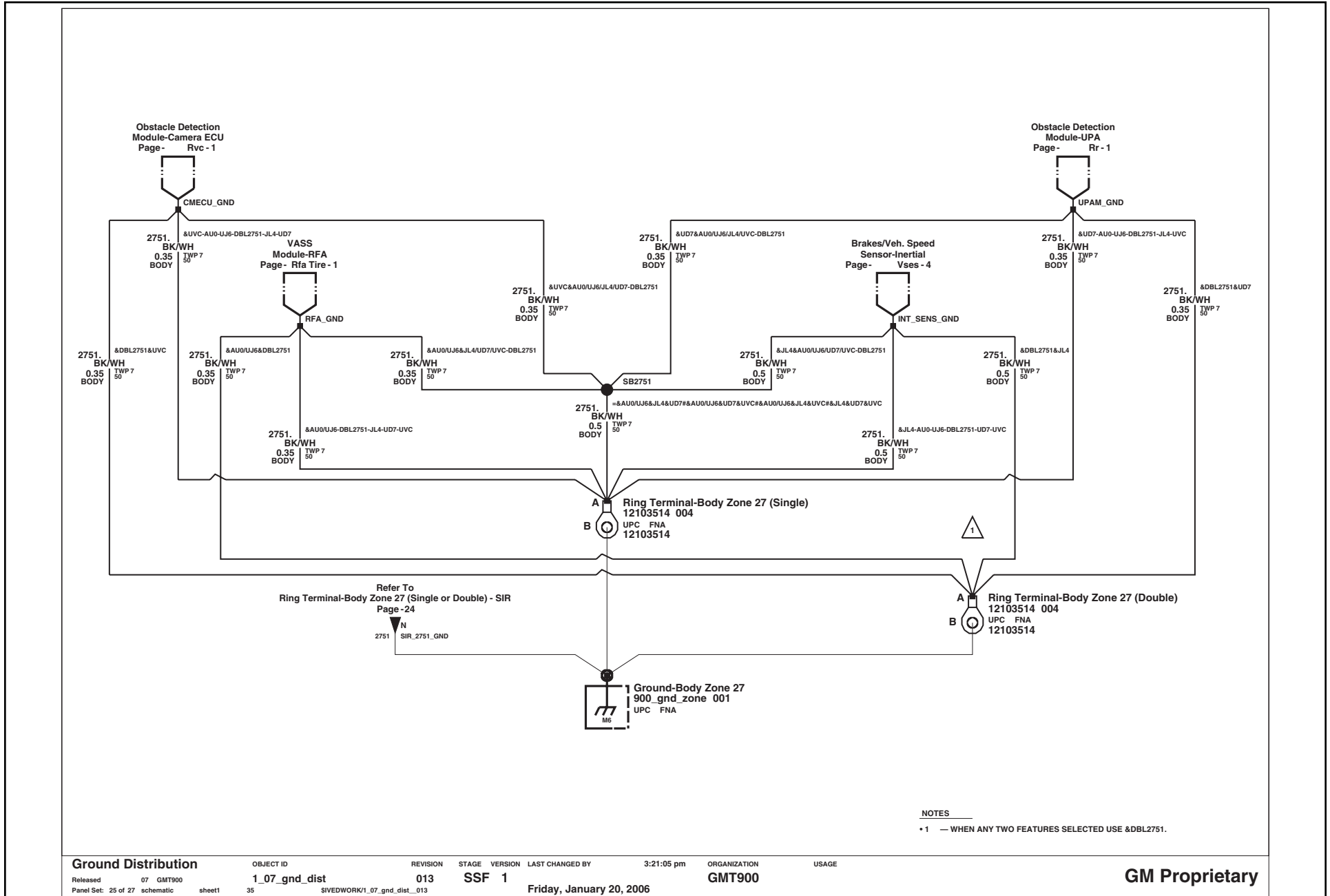
**Ground Distribution**

Released	07 GMT900	OBJECT ID	1_07_gnd_dist	REVISION	013	STAGE	SSF 1	LAST CHANGED BY	3:21:05 pm	ORGANIZATION	GMT900	USAGE
Panel Set:	24 of 27 schematic sheet1	35	SIVEDWORK/1_07_gnd_dist_013					Friday, January 20, 2006				

**GM Proprietary**

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Ground Distribution



Ground Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	3:21:05 pm	ORGANIZATION	USAGE
Released 07 GMT900	1_07_gnd_dist	013	SSF	1			GMT900	
Panel Set: 25 of 27 schematic sheet1	35	SIVEDWORK/1_07_gnd_dist_013			Friday, January 20, 2006			

GM Proprietary

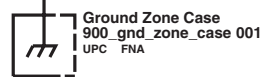
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

PAGE D-76

## Ground Distribution

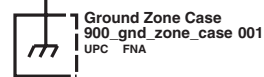
Brakes/Veh. Speed  
Switch-Park Brake Apply  
Page- Base - 2

CASE PBRK\_CGND



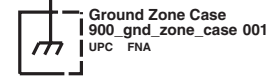
Charging  
Generator  
Page- Base Gas - 3

CASE ALT\_CGND



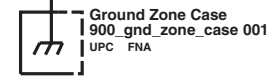
Charging  
Motor-Starter  
Page- Base Gas - 2

CASE STARTER\_CGND  
&L76/L92/LC9/LH6/LMG/LY2/LY5/LY6



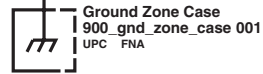
Infotainment & Telematics  
Module-Antenna Rf Ext  
Page- Ant - 1

CASE ANT\_COAX\_CGND  
&U84



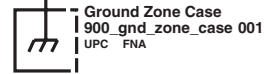
Engine Controls  
Spark Plug #1  
Page- V8 - 10

CASE SPLUG1\_CGND  
&L76/L92/LC9/LH6/LMG/LY2/LY5/LY6



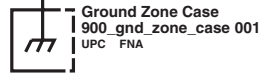
Engine Controls  
Spark Plug #3  
Page- V8 - 10

CASE SPLUG3\_CGND  
&L76/L92/LC9/LH6/LMG/LY2/LY5/LY6



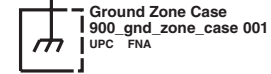
Engine Controls  
Spark Plug #5  
Page- V8 - 10

CASE SPLUG5\_CGND  
&L76/L92/LC9/LH6/LMG/LY2/LY5/LY6



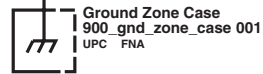
Engine Controls  
Spark Plug #7  
Page- V8 - 10

CASE SPLUG7\_CGND  
&L76/L92/LC9/LH6/LMG/LY2/LY5/LY6



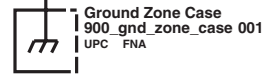
Engine Controls  
Spark Plug #2  
Page- V8 - 11

CASE SPLUG2\_CGND  
&L76/L92/LC9/LH6/LMG/LY2/LY5/LY6



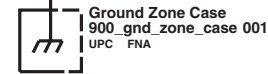
Engine Controls  
Spark Plug #4  
Page- V8 - 11

CASE SPLUG4\_CGND  
&L76/L92/LC9/LH6/LMG/LY2/LY5/LY6



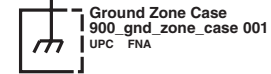
Engine Controls  
Spark Plug #6  
Page- V8 - 11

CASE SPLUG6\_CGND  
&L76/L92/LC9/LH6/LMG/LY2/LY5/LY6



Engine Controls  
Spark Plug #8  
Page- V8/ - 11

CASE SPLUG8\_CGND  
&L76/L92/LC9/LH6/LMG/LY2/LY5/LY6



**Ground Distribution**

Released 07 GMT900  
Panel Set: 26 of 27 schematic sheet1 35

OBJECT ID 1\_07\_gnd\_dist  
SIVEDWORK/1\_07\_gnd\_dist\_013

REVISION 013

STAGE VERSION SSF 1

LAST CHANGED BY Friday, January 20, 2006

3:21:05 pm

ORGANIZATION GMT900

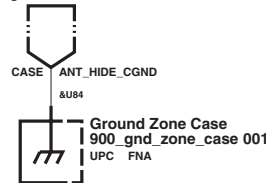
USAGE

GM Proprietary

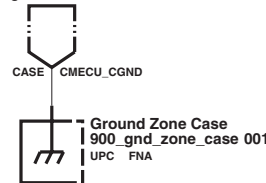


## Ground Distribution

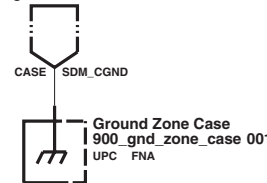
Infotainment & Telematics  
Module-Antenna Active  
Page- Ant - 1



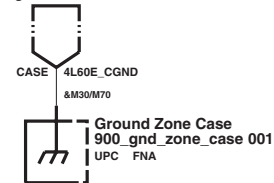
Obstacle Detection  
Module-Camera ECU  
Page- Rvc - 1



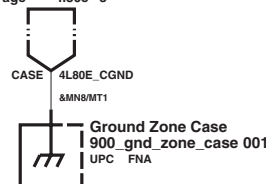
Protection  
Module-SDM  
Page- Sir - 1



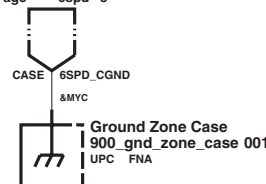
Transmission Controls  
Transmission-4160e  
Page- 4160e - 3



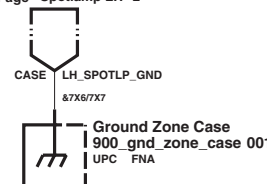
Transmission Controls  
Transmission-4180e  
Page- 4180e - 3



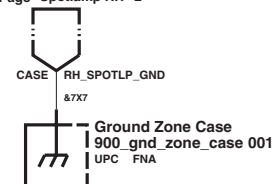
Transmission Controls  
Transmission-6spd  
Page- 6spd - 3



Lights - Exterior  
Police Lighting Provisions  
Page- Spotlamp LH - 2



Lights - Exterior  
Police Lighting Provisions  
Page- Spotlamp RH - 2



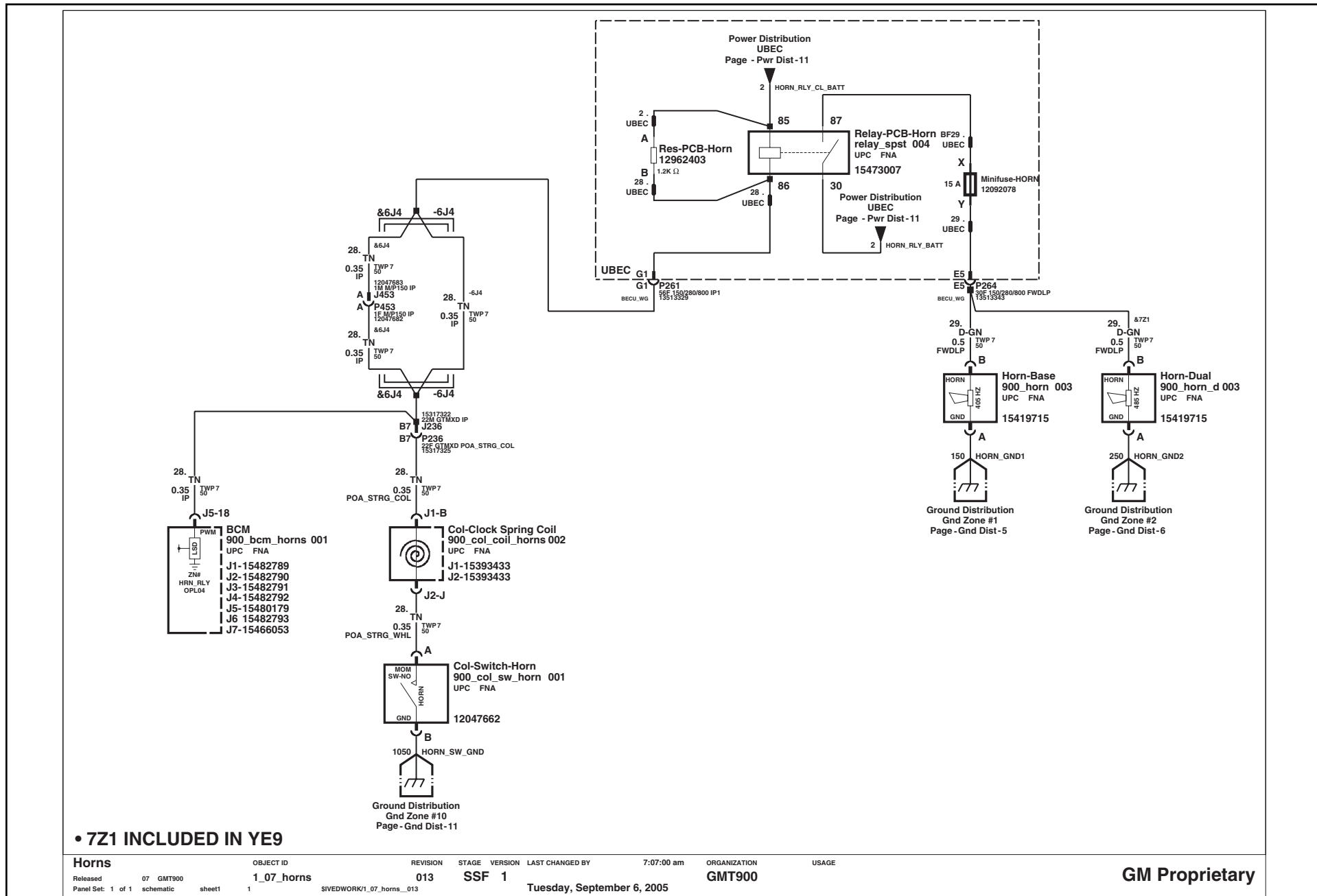
**Ground Distribution**

Released 07 GMT900  
Panel Set: 27 of 27 schematic sheet1

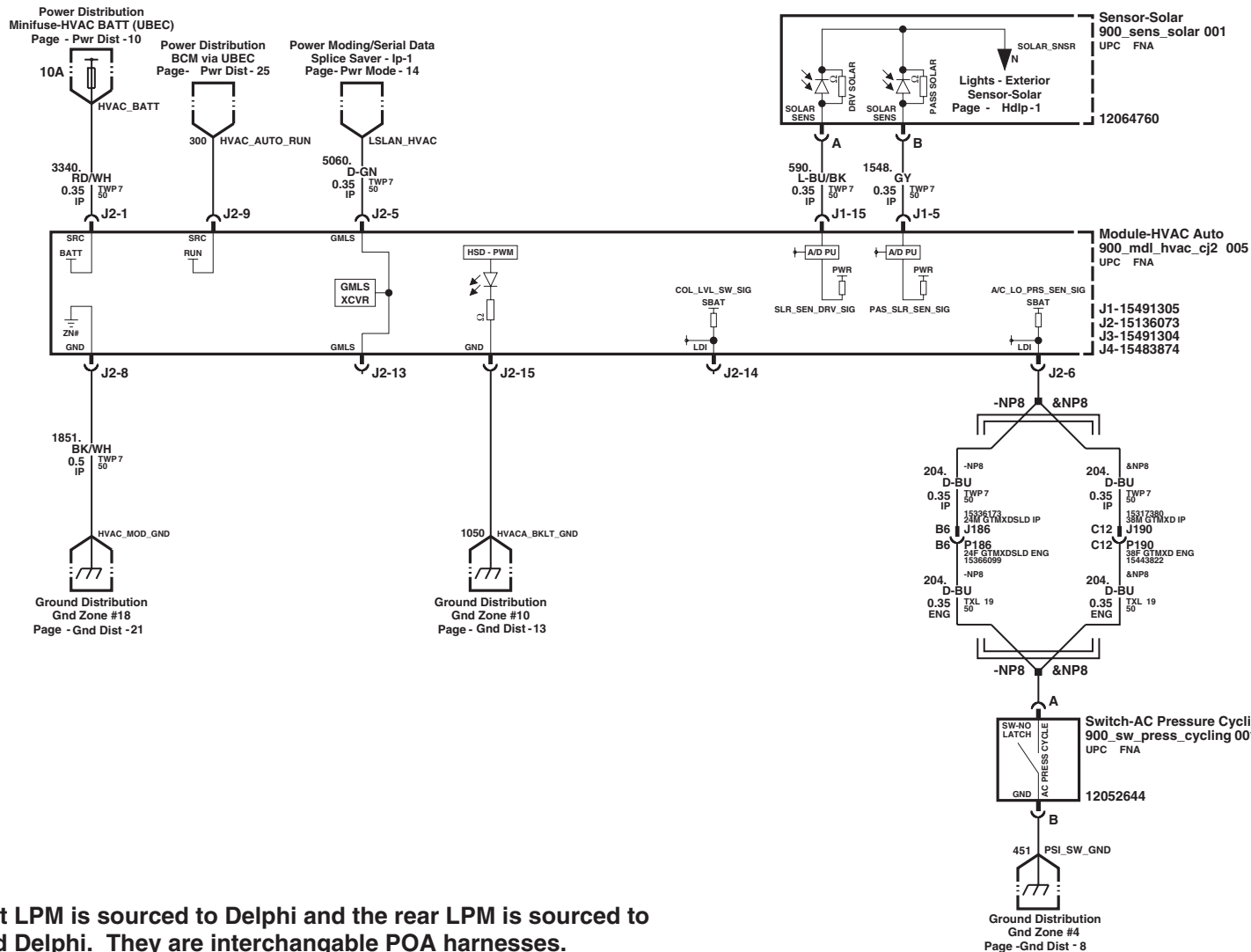
OBJECT ID: 1\_07\_gnd\_dist  
REVISION: 013  
STAGE: SSF 1  
VERSION: 1  
LAST CHANGED BY: Friday, January 20, 2006 3:21:05 pm  
ORGANIZATION: GMT900  
USAGE:

**GM Proprietary**

## Horns



## HVAC: Automatic



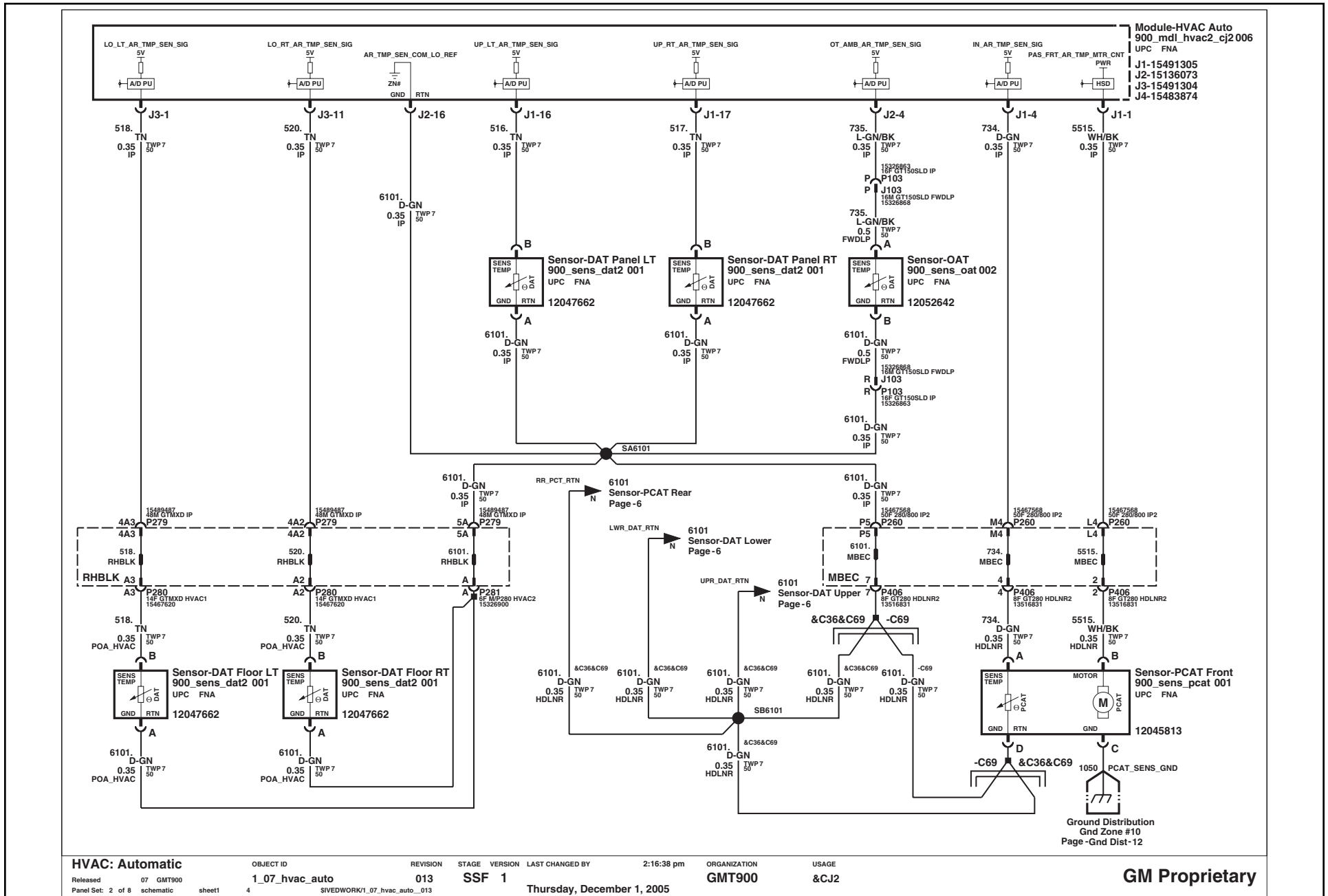
- The front LPM is sourced to Delphi and the rear LPM is sourced to Behr and Delphi. They are interchangeable POA harnesses.
- "BEHR" and "DELPHI" RPOs represents that suppliers system.
- For C36 (aux heater) BEHR is used on GMT920, while Delphi is used on GMT930

HVAC: Automatic		OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	2:16:38 pm	ORGANIZATION	USAGE
Released	07 GMT900	1_07_hvac_auto	013	SSF	1			GMT900	&CJ2
Panel Set:	1 of 8 schematic sheet1	4	SIVEDWORK/1_07_hvac_auto_013			Thursday, December 1, 2005			

GM Proprietary

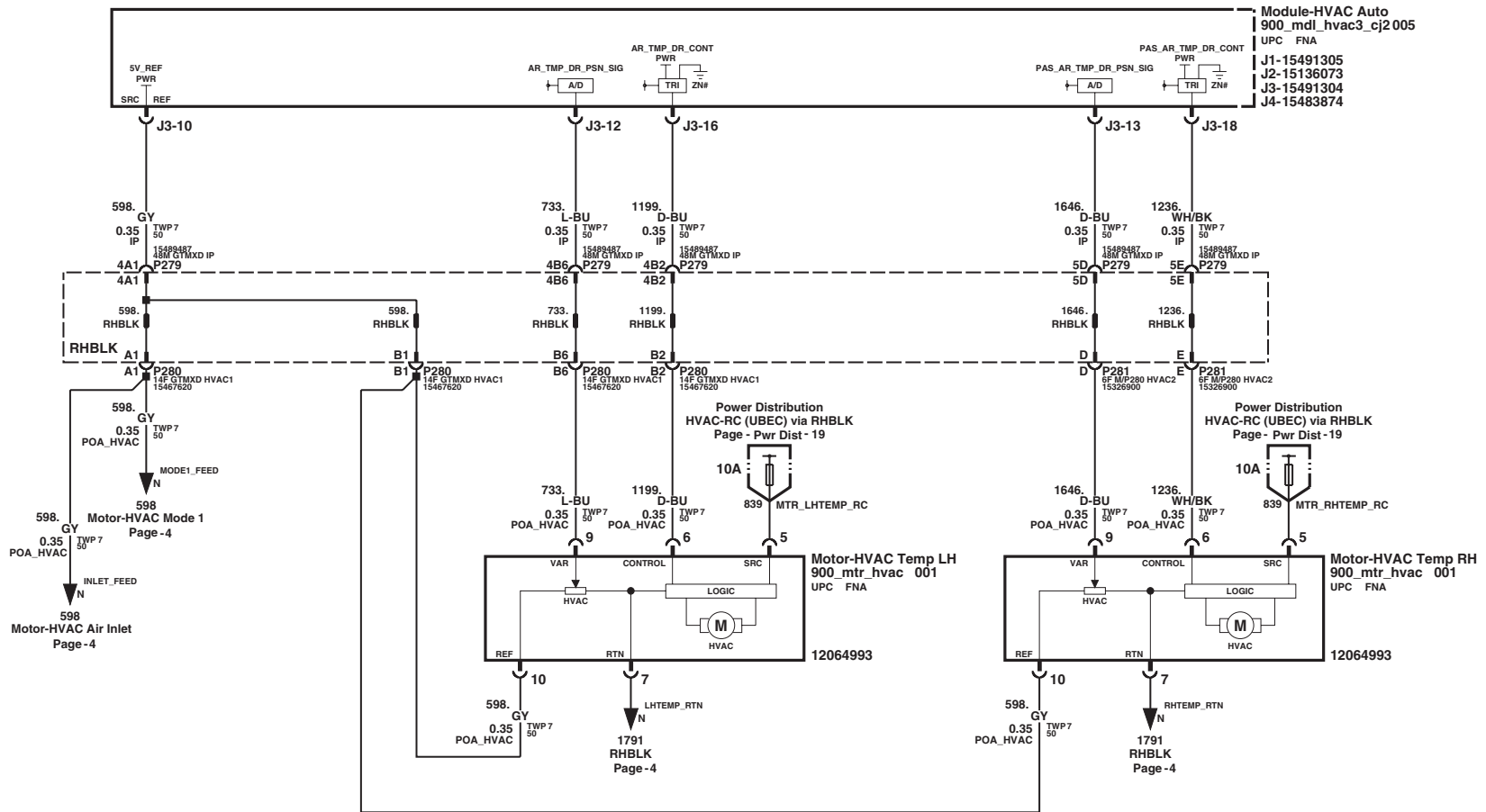
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## HVAC: Automatic



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## HVAC: Automatic



**HVAC: Automatic**

Released 07 GMT900  
Panel Set: 3 of 8 schematic sheet1

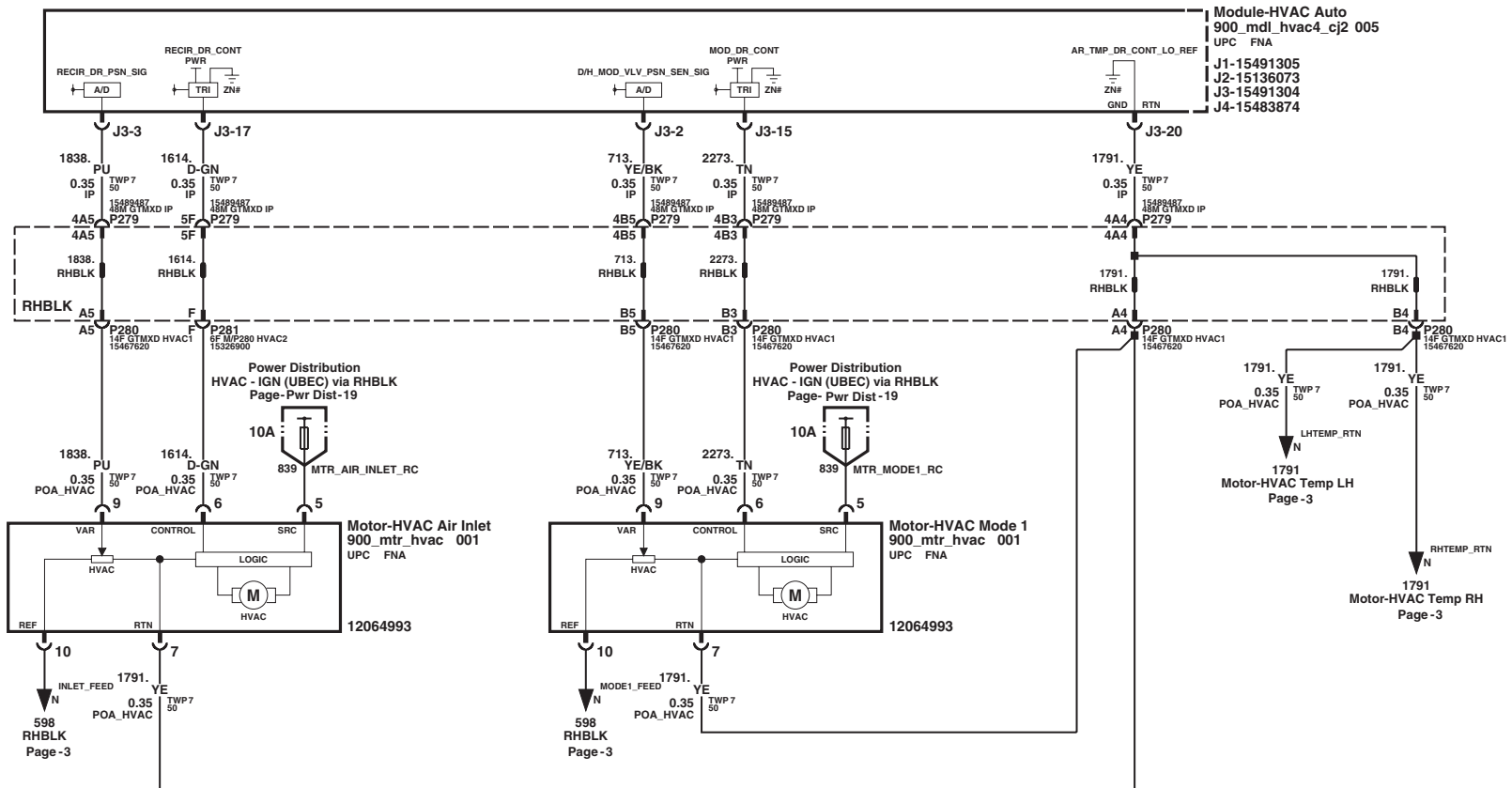
OBJECT ID: 1\_07\_hvac\_auto  
REVISION: 013  
STAGE: SSF 1  
VERSION: 1  
LAST CHANGED BY: Thursday, December 1, 2005

2:16:38 pm  
ORGANIZATION: GMT900  
USAGE: &CJ2

**GM Proprietary**

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## HVAC: Automatic



**HVAC: Automatic**

Released 07 GMT900  
Panel Set: 4 of 8 schematic sheet1

OBJECT ID  
**1\_07\_hvac\_auto**  
SIVEDWORK/1\_07\_hvac\_auto\_013

REVISION  
**013**

STAGE VERSION  
**SSF 1**  
LAST CHANGED BY  
Thursday, December 1, 2005

2:16:38 pm

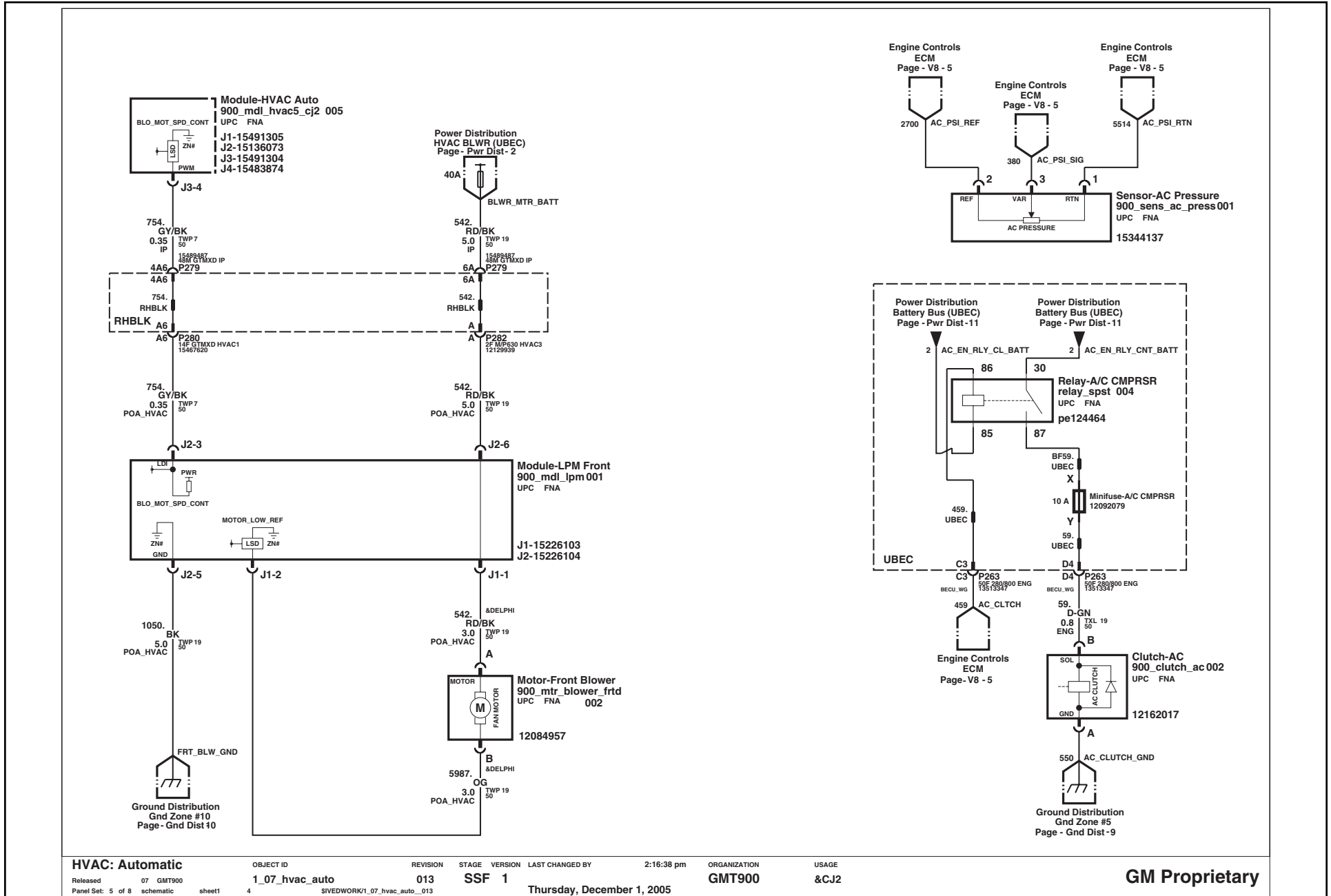
ORGANIZATION  
**GMT900**

USAGE  
&CJ2

**GM Proprietary**

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## HVAC: Automatic



OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	2:16:38 pm	ORGANIZATION	USAGE
1_07_hvac_auto	013	SSF	1			GMT900	&CJ2

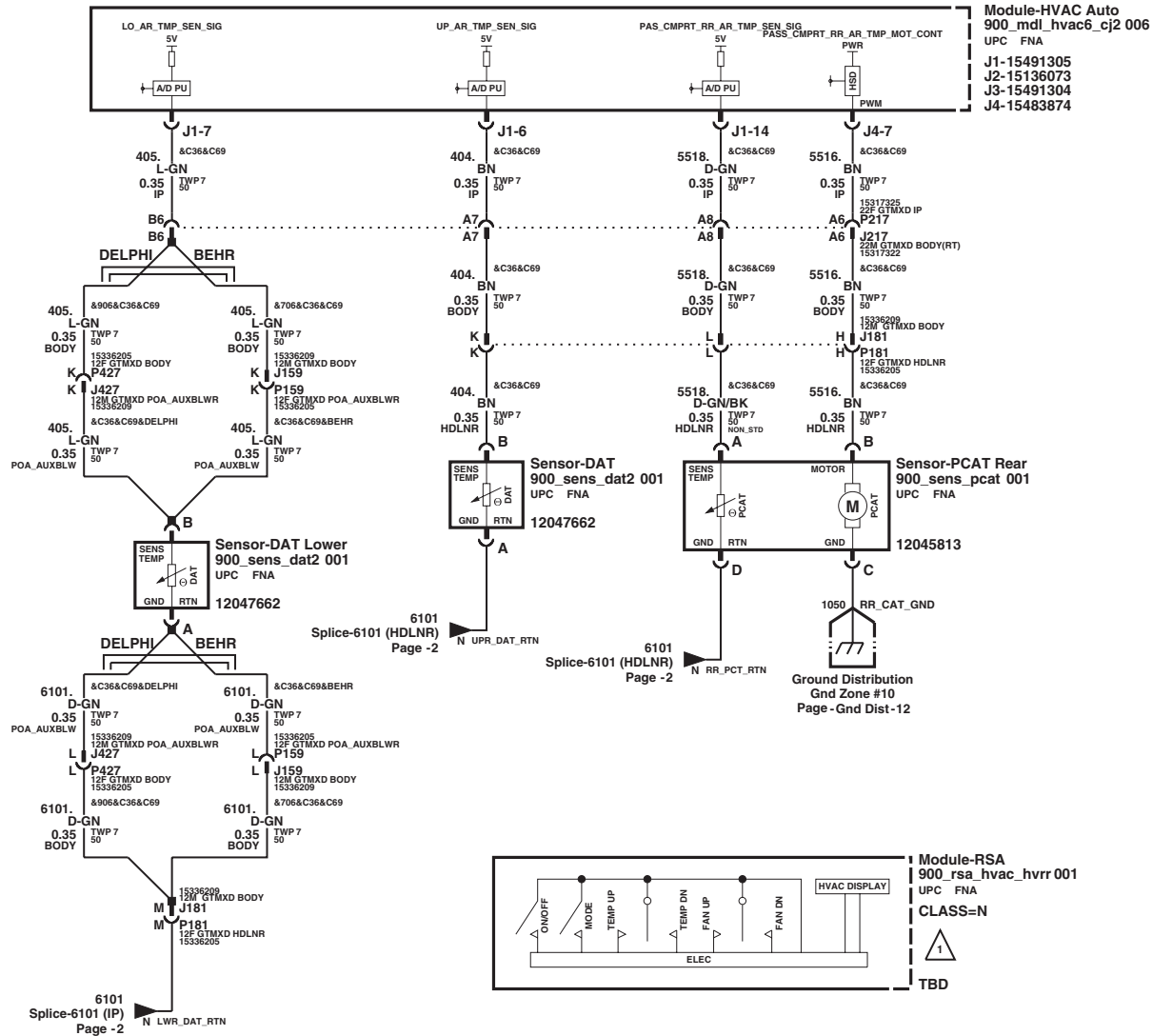
Released 07 GMT900  
Panel Set: 5 of 8 schematic sheet1

Thursday, December 1, 2005

GM Proprietary

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## HVAC: Automatic



**HVAC: Automatic**

Released 07 GMT900  
Panel Set: 6 of 8 schematic sheet1

OBJECT ID: 1\_07\_hvac\_auto  
REVISION: 013  
STAGE: SSF 1  
VERSION: 1  
LAST CHANGED BY: 2:16:38 pm  
ORGANIZATION: GMT900  
USAGE: &CJ2

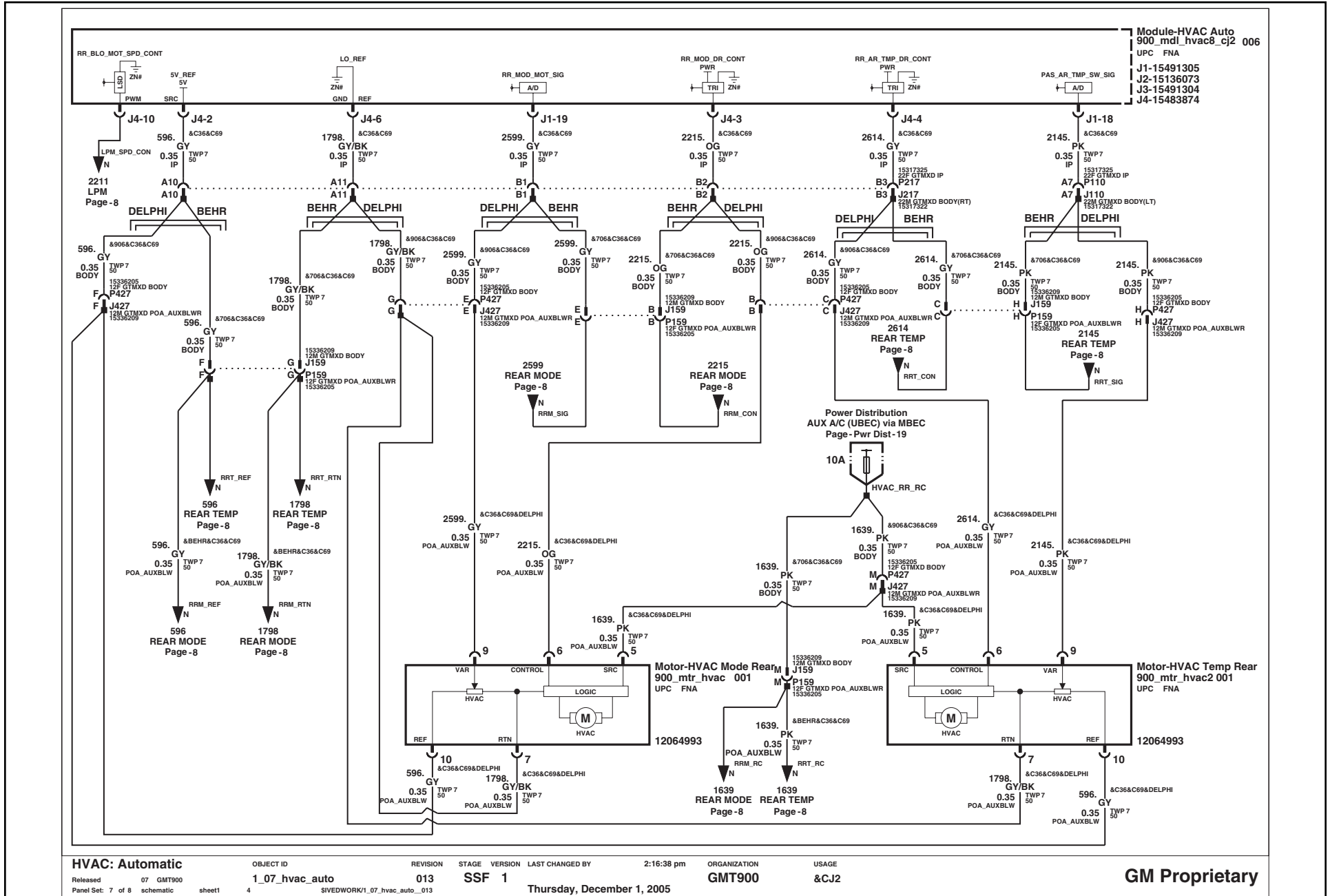
Panel Set: 6 of 8 schematic sheet1  
SIVEDWORK/1\_07\_hvac\_auto\_013  
Thursday, December 1, 2005

**GM Proprietary**



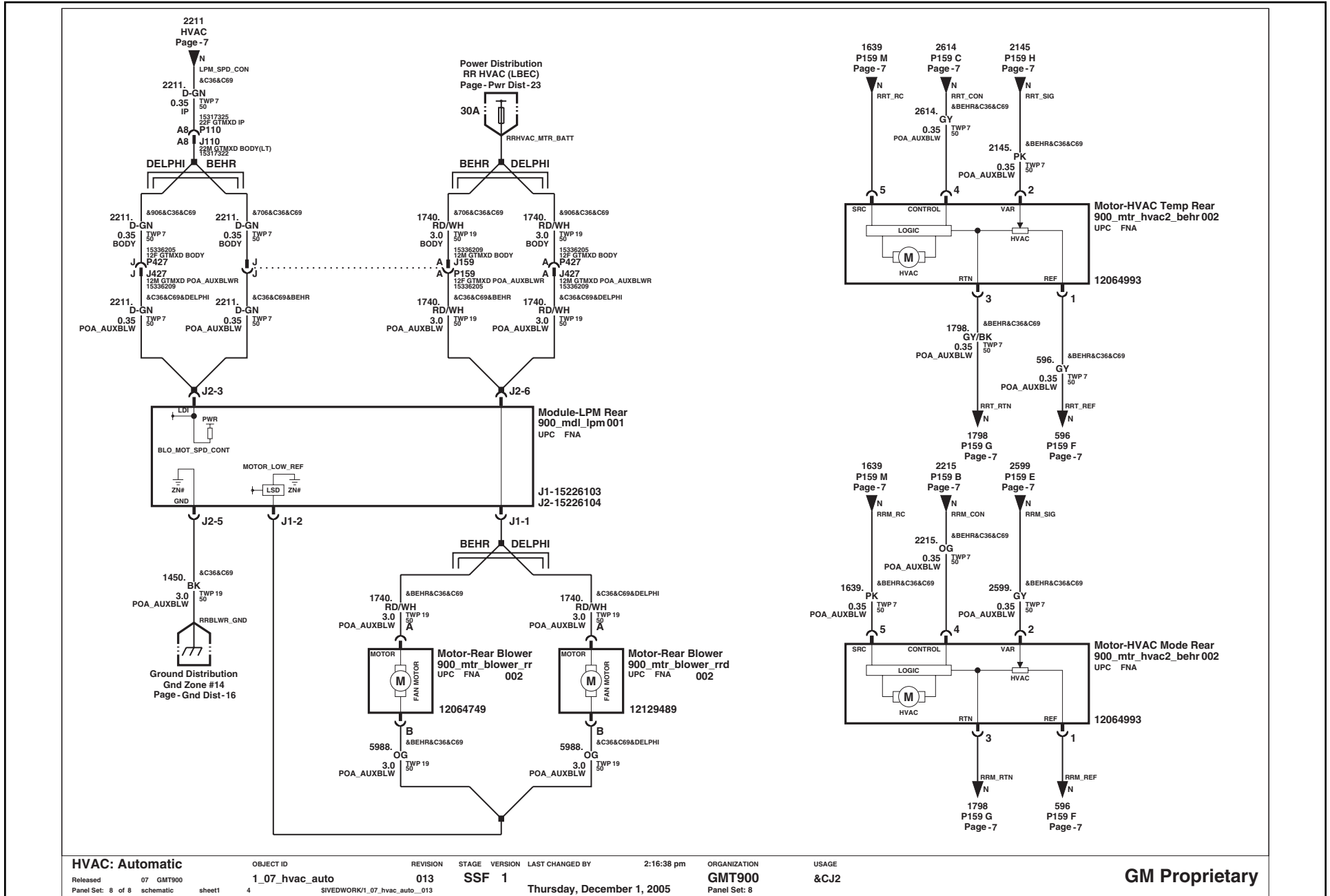
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## HVAC: Automatic



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## HVAC: Automatic



HVAC: Automatic

Released 07 GMT900  
Panel Set: 8 of 8 schematic sheet1

OBJECT ID  
1\_07\_hvac\_auto  
SIVEDWORK/1\_07\_hvac\_auto\_013

REVISION  
013

STAGE VERSION  
SSF 1  
Thursday, December 1, 2005

LAST CHANGED BY  
2:16:38 pm

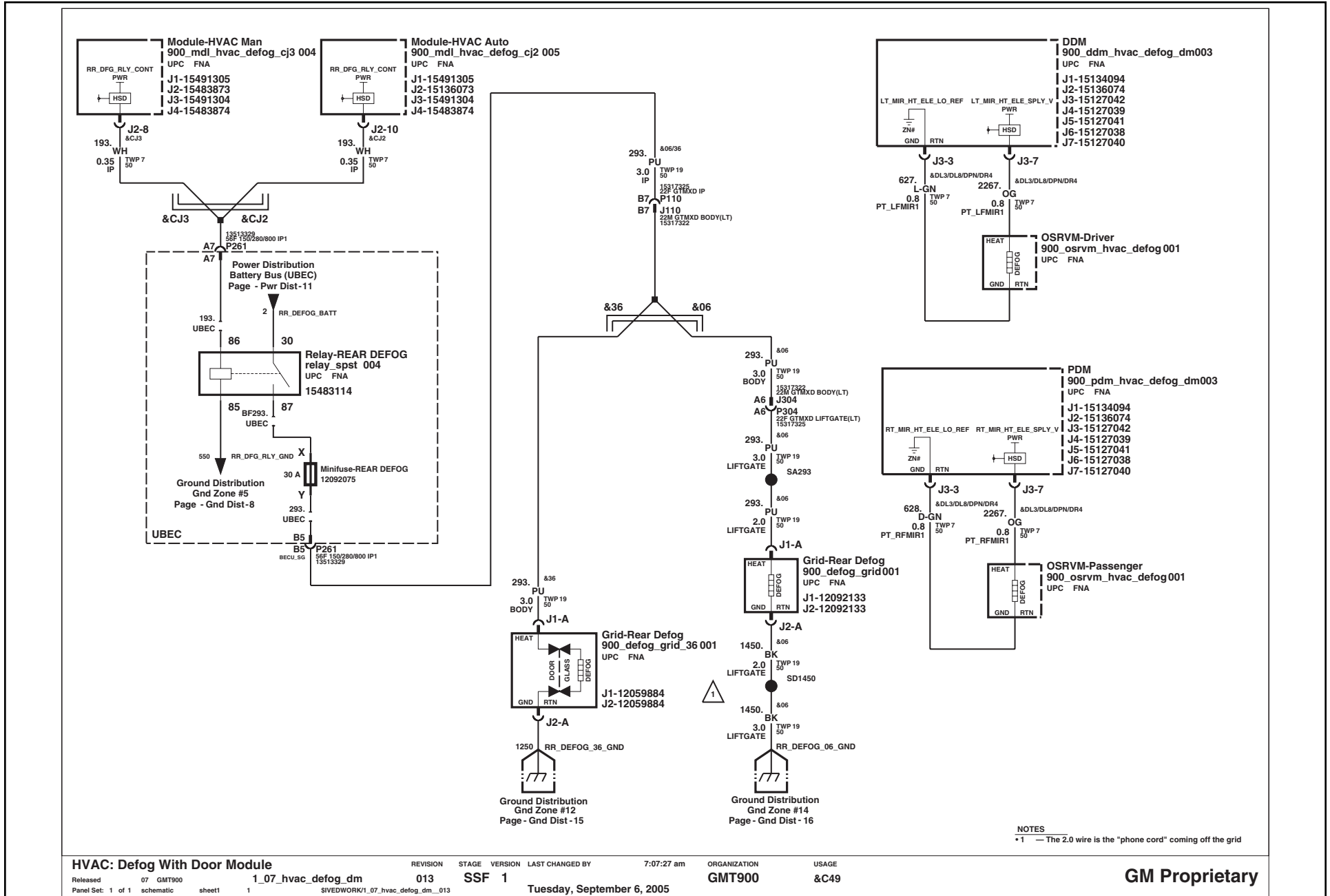
ORGANIZATION  
GMT900  
Panel Set: 8

USAGE  
&CJ2

GM Proprietary

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## HVAC: Defog with Door Modules

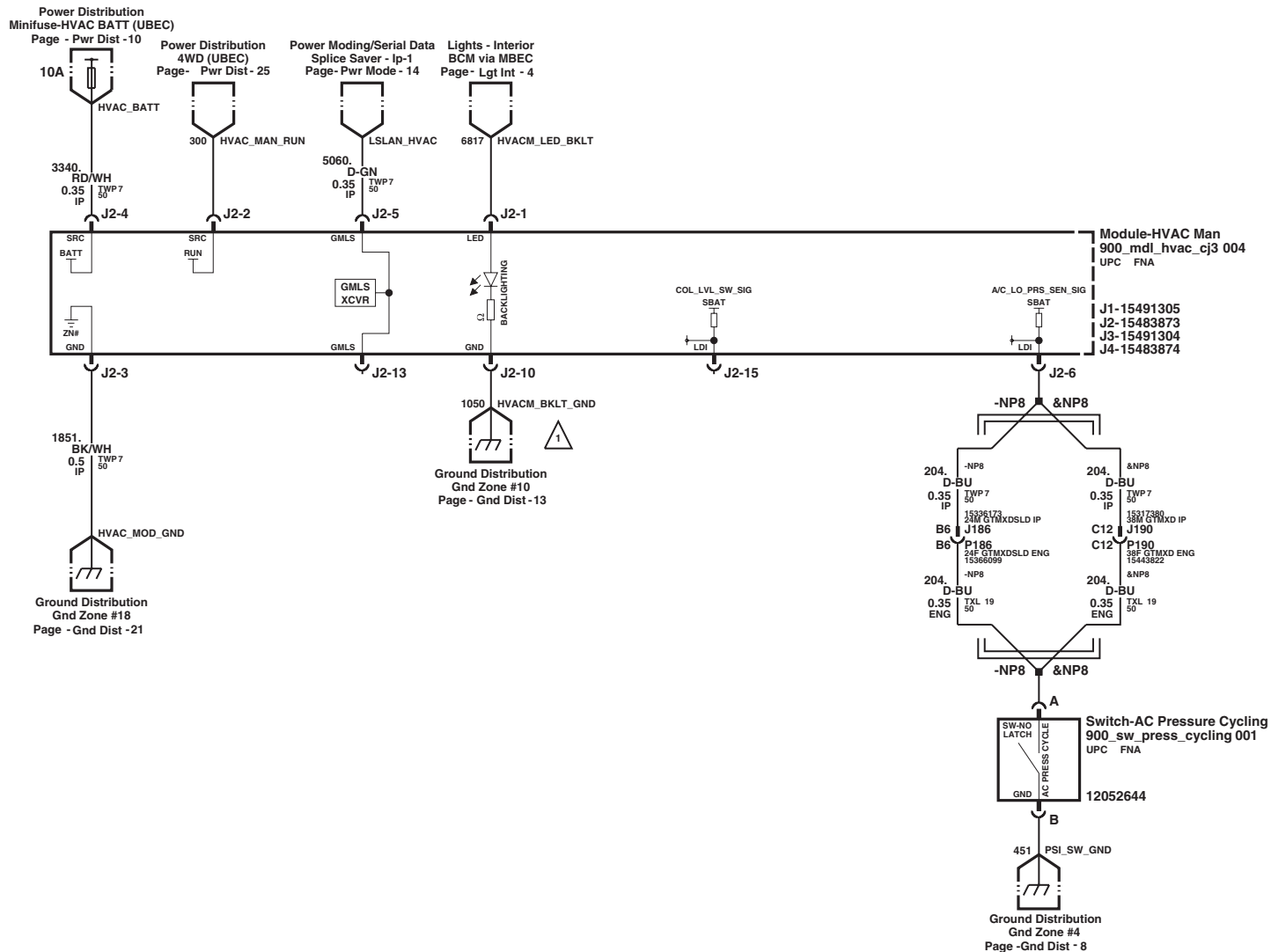


**HVAC: Defog With Door Module**

Released 07 GMT900 1\_07\_hvac\_defog\_dm 013 SSF 1  
 Panel Set: 1 of 1 schematic sheet 1 SIVEDWORK/1\_07\_hvac\_defog\_dm\_013  
 Tuesday, September 6, 2005  
 7:07:27 am ORGANIZATION GMT900 USAGE &C49

**GM Proprietary**

## HVAC: Manual



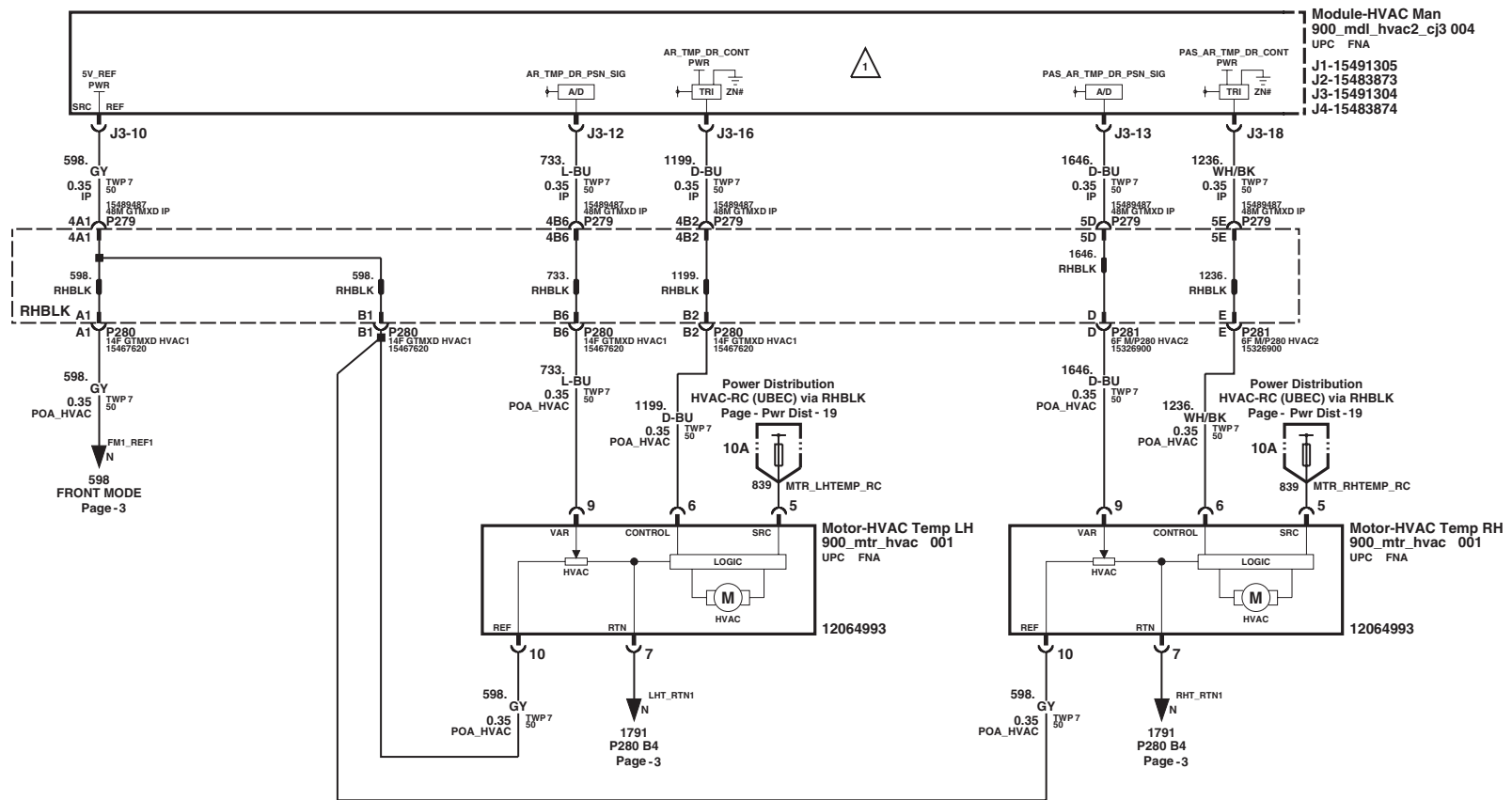
- "BEHR" and "DELPHI" RPOs represents that suppliers system.
- For C36 (aux heater) BEHR is used on GMT920, while Delphi is used on GMT930

NOTES  
 \*1 — LED BACKLIGHTING GROUND MAY BE INTERNALLY TIED TO 1851 MODULE GROUND

HVAC: Manual		OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	12:48:06 pm	ORGANIZATION	USAGE
Released	07 GMT900	1_07_hvac_man	013	SSF	1			GMT900	&CJ3
Panel Set:	1 of 7 schematic sheet1	4				SIVEDWORK/1_07_hvac_man_013	Monday, October 3, 2005		

GM Proprietary

## HVAC: Manual



NOTES  
 \*1 — IF MIRRORS GO GMLAN - WILL NEED OAT SENSOR IN C.J3 (J2-9)

HVAC: Manual

Released 07 GMT900  
 Panel Set: 2 of 7 schematic sheet1

OBJECT ID 1\_07\_hvac\_man  
 REVISION 013  
 SIVEDWORK/1\_07\_hvac\_man\_013

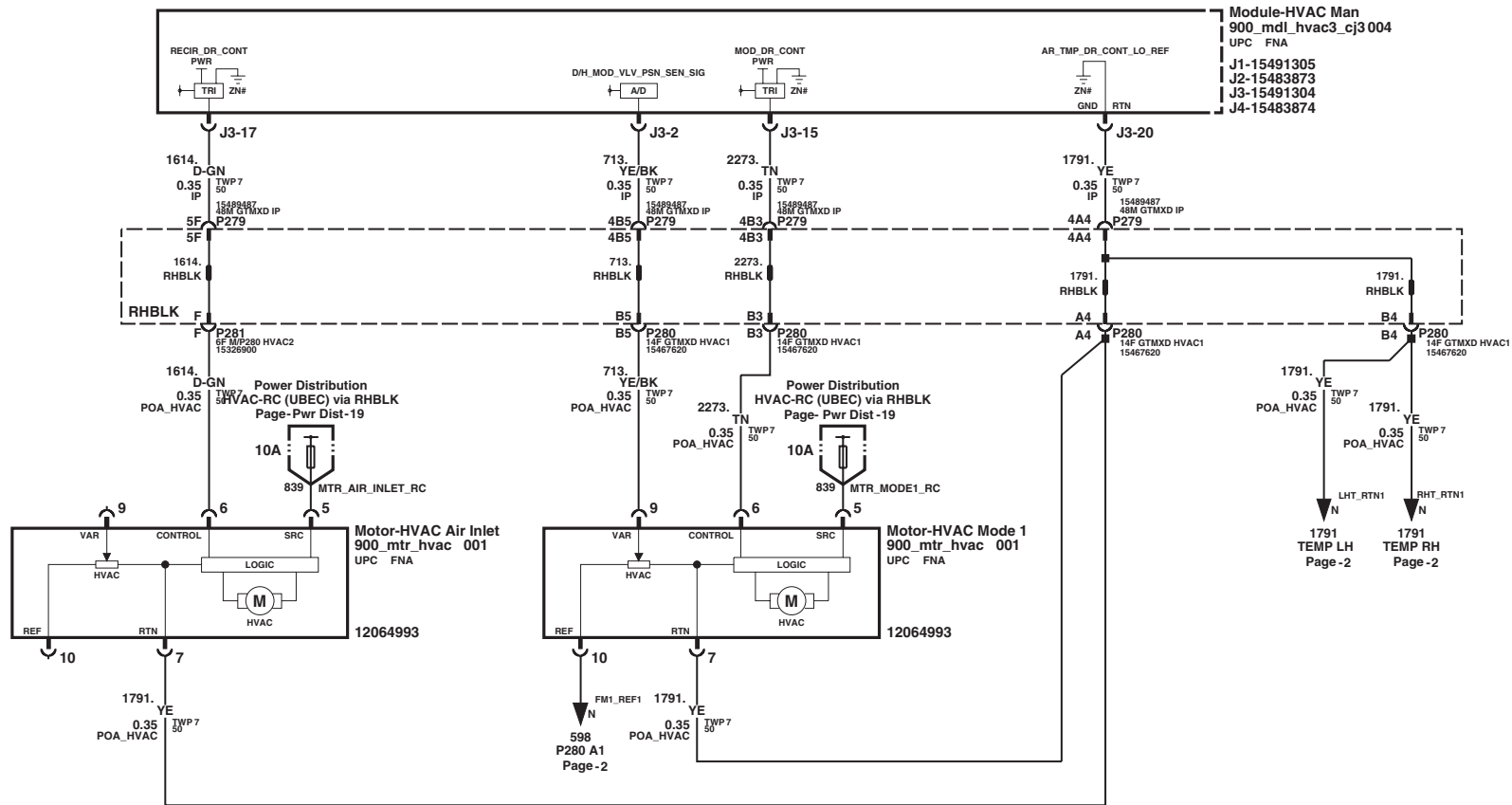
STAGE SSF 1  
 VERSION 1  
 LAST CHANGED BY Monday, October 3, 2005

12:48:06 pm  
 ORGANIZATION GMT900

USAGE &CJ3

GM Proprietary

## HVAC: Manual



**HVAC: Manual**

Released 07 GMT900  
Panel Set: 3 of 7 schematic sheet1

OBJECT ID: 1\_07\_hvac\_man  
REVISION: 013  
SIVEDWORK/1\_07\_hvac\_man\_013

STAGE: SSF 1  
VERSION: 1  
LAST CHANGED BY: Monday, October 3, 2005

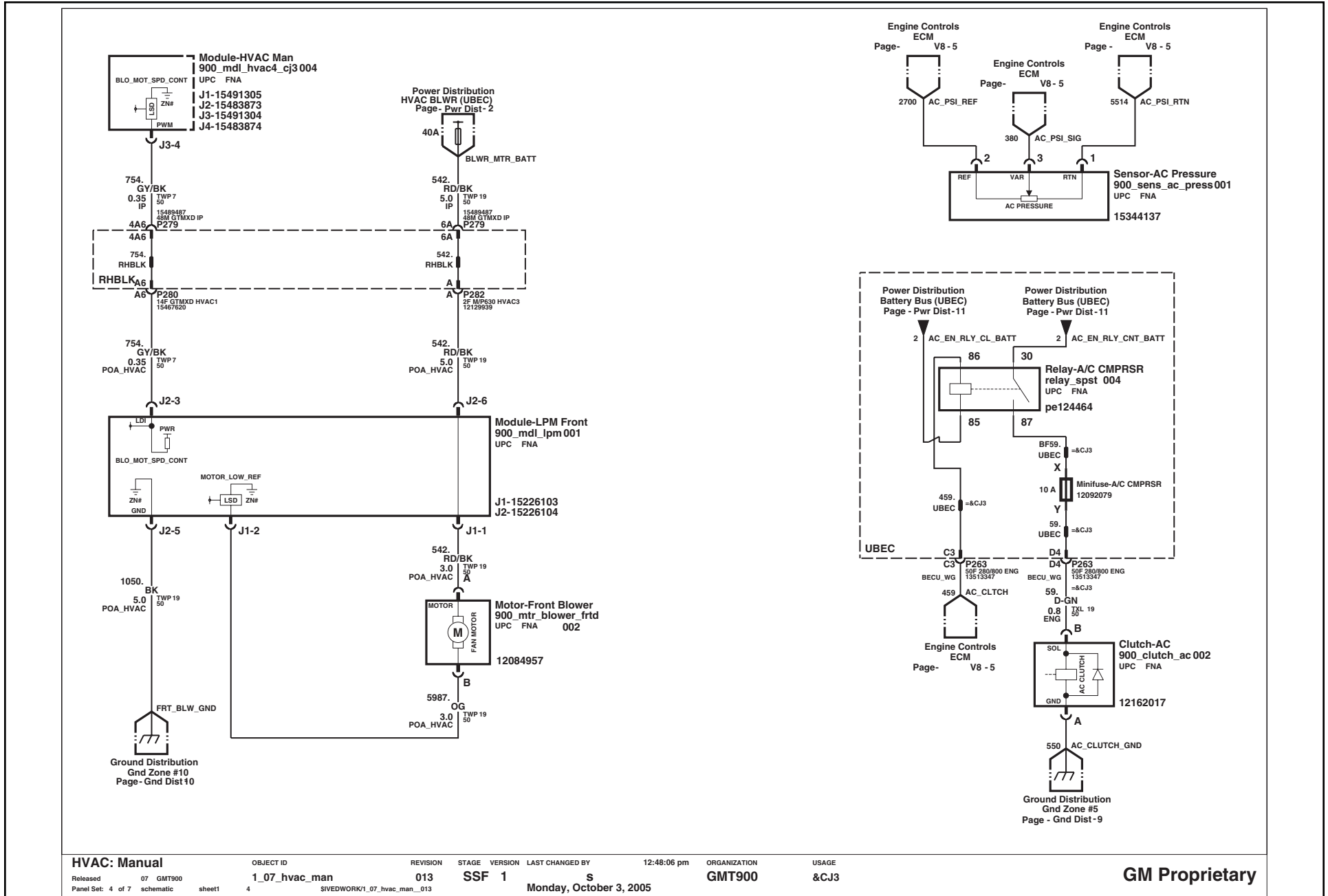
12:48:06 pm  
ORGANIZATION: GMT900

USAGE: &CJ3

**GM Proprietary**

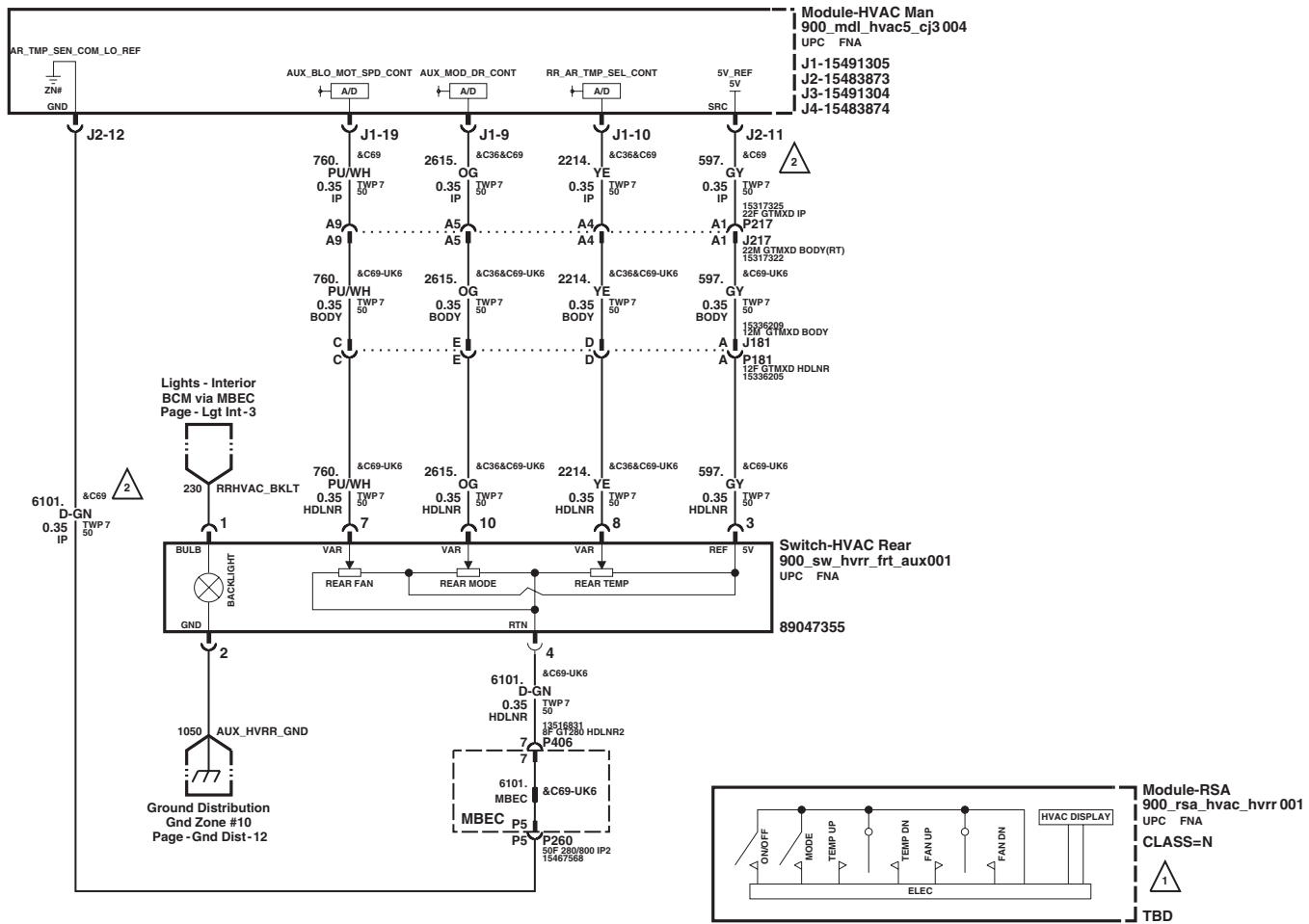
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## HVAC: Manual



HVAC: Manual		OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	12:48:06 pm	ORGANIZATION	USAGE
Released	07 GMT900	1_07_hvac_man	013	SSF	1	s		GMT900	&CJ3
Panel Set:	4 of 7 schematic sheet1	4	SIVEDWORK/1_07_hvac_man_013			Monday, October 3, 2005			

## HVAC: Manual



**NOTES**

- 1 — INTEGRATED RSA/RHVAC CONTROLS FOR &C69&UK6
- 2 — “-UK6” REMOVED FROM WIRES AS GIVE AWAY FOR IP DUE TO TOOL INADEQUACY.
- — IF TOOL ALLOWS @RPO, THEN RETURN “-UK6”.

**HVAC: Manual**

Released 07 GMT900  
 Panel Set: 5 of 7 schematic sheet1

OBJECT ID: 1\_07\_hvac\_man  
 REVISION: 013  
 STAGE: SSF 1  
 VERSION: 1  
 LAST CHANGED BY: Monday, October 3, 2005  
 12:48:06 pm  
 ORGANIZATION: GMT900  
 USAGE: &CJ3

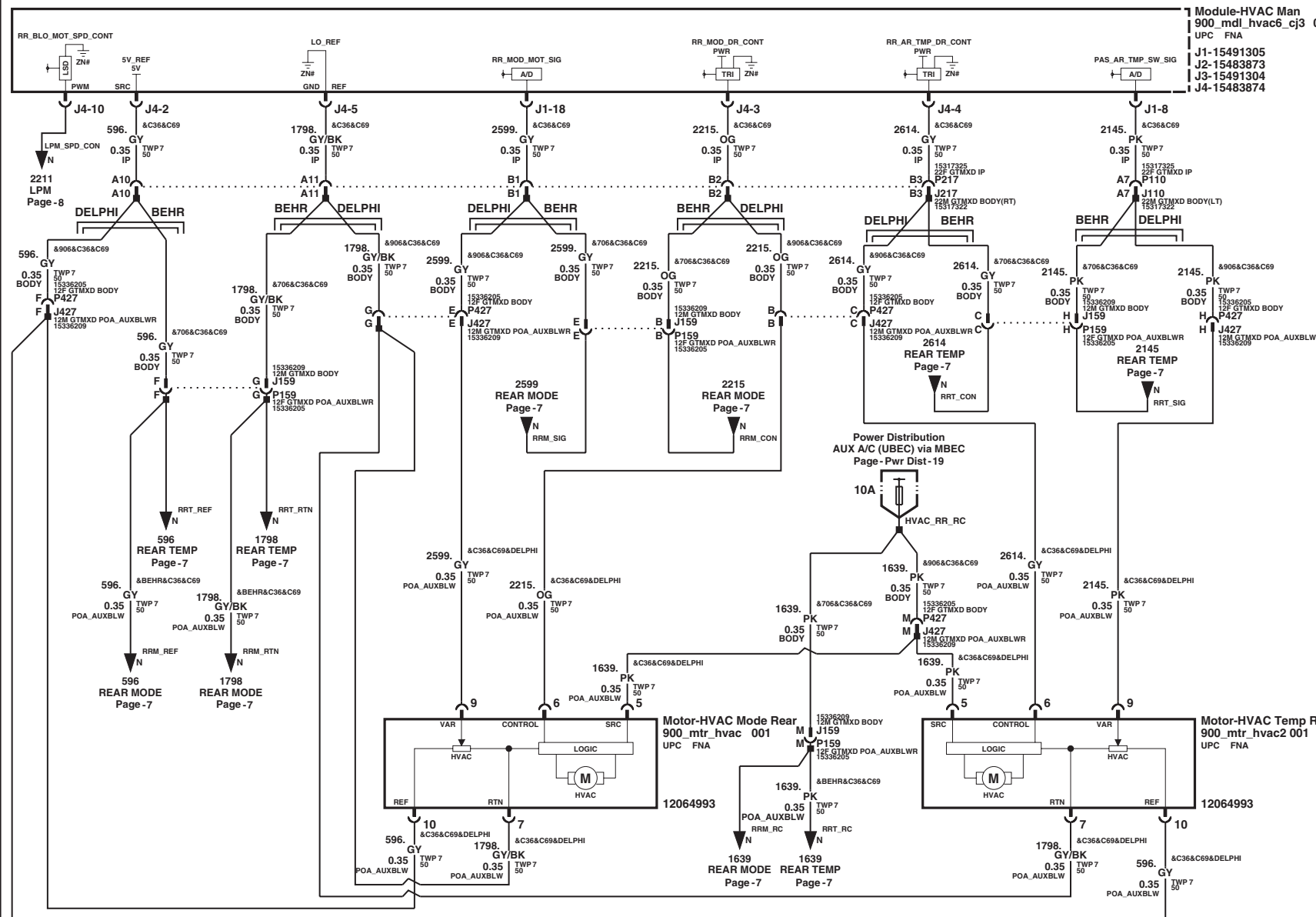
**GM Proprietary**



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

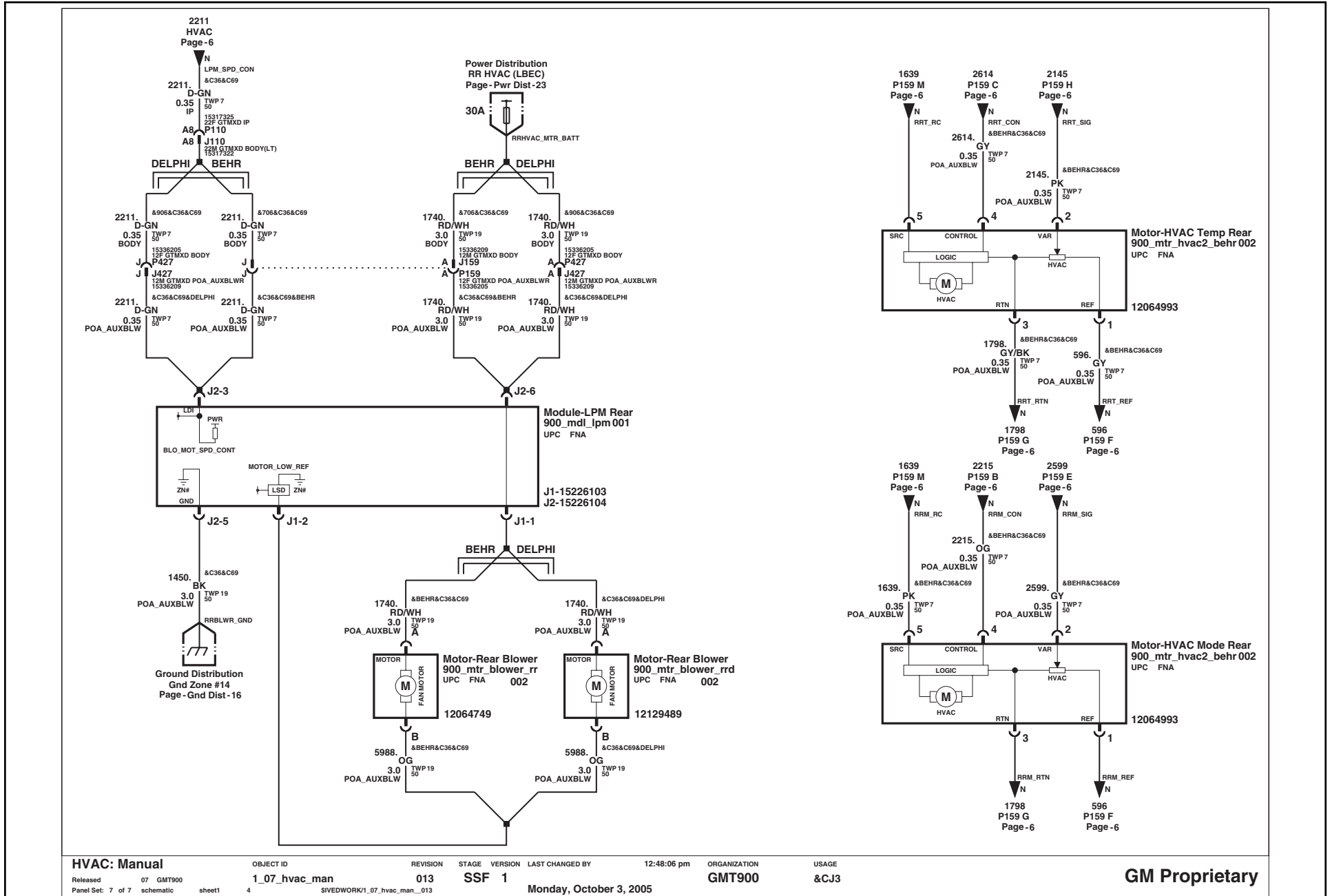
## HVAC: Manual

Module-HVAC Man  
900\_mdl\_hvac6\_cj3 006  
UPC FNA  
J1-15491305  
J2-15483873  
J3-15491304  
J4-15483874



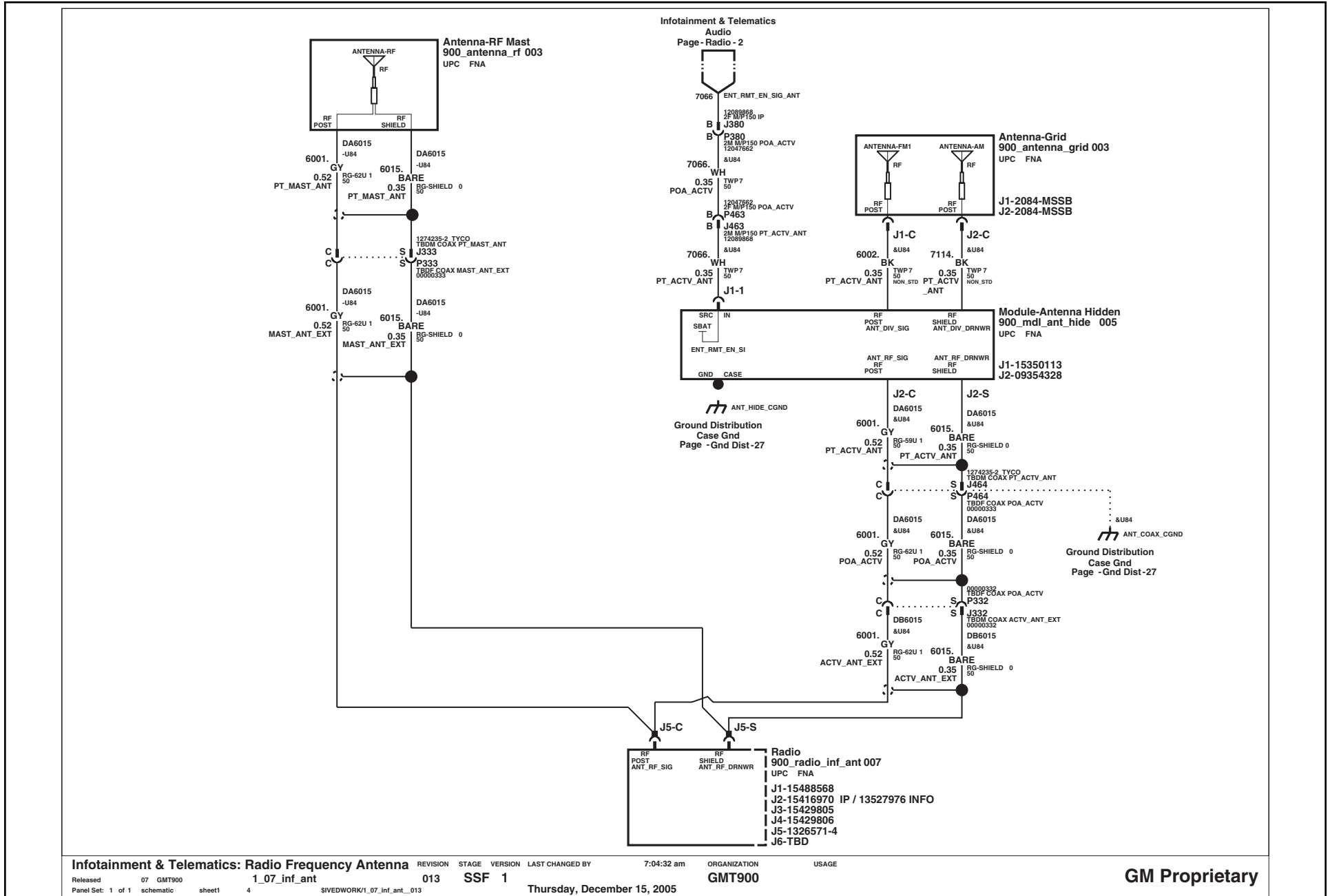
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## HVAC: Manual

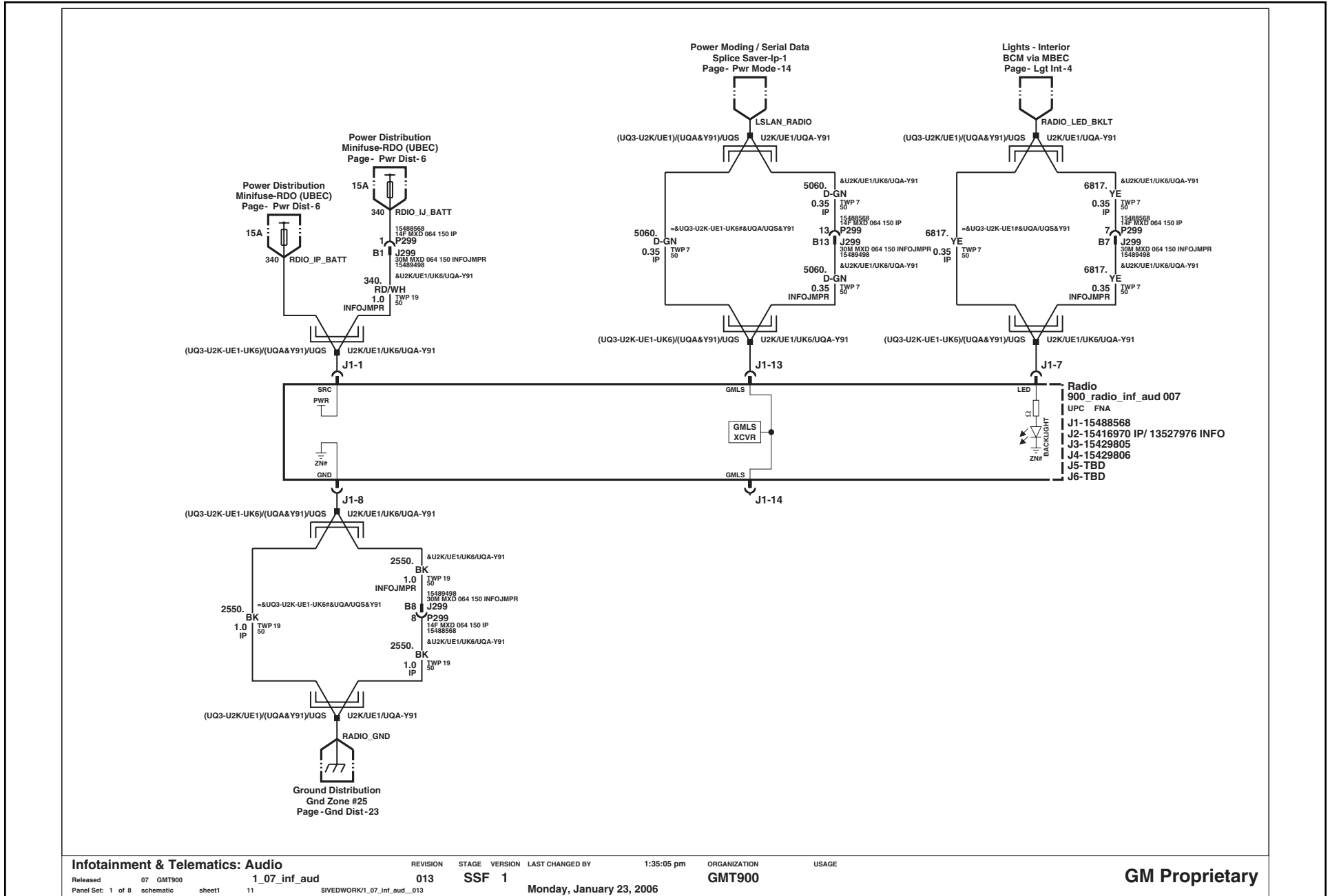


# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Infotainment & Telematics: Radio Frequency Antenna

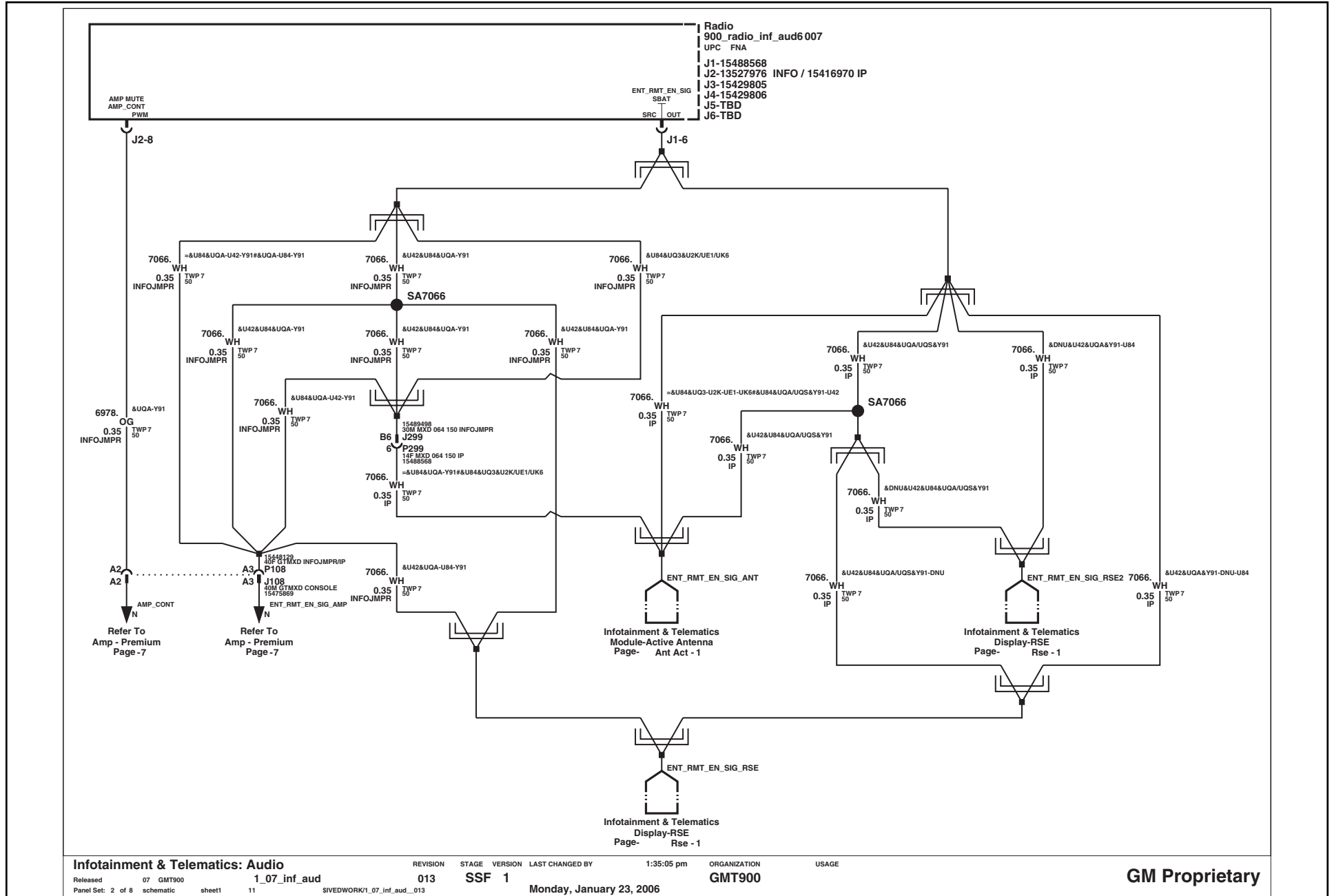


## Infotainment & Telematics: Audio

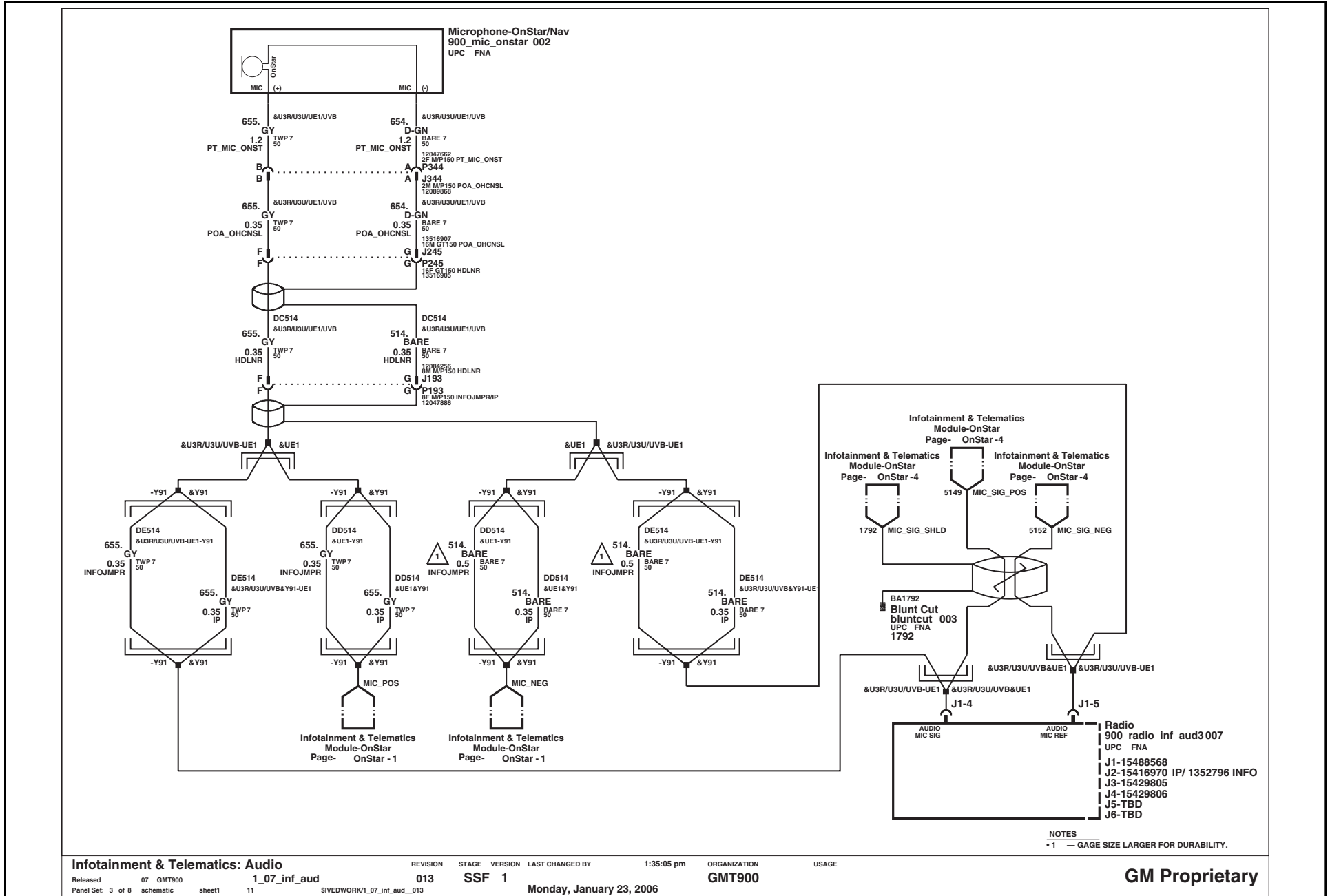


# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Infotainment & Telematics: Audio



## Infotainment & Telematics: Audio

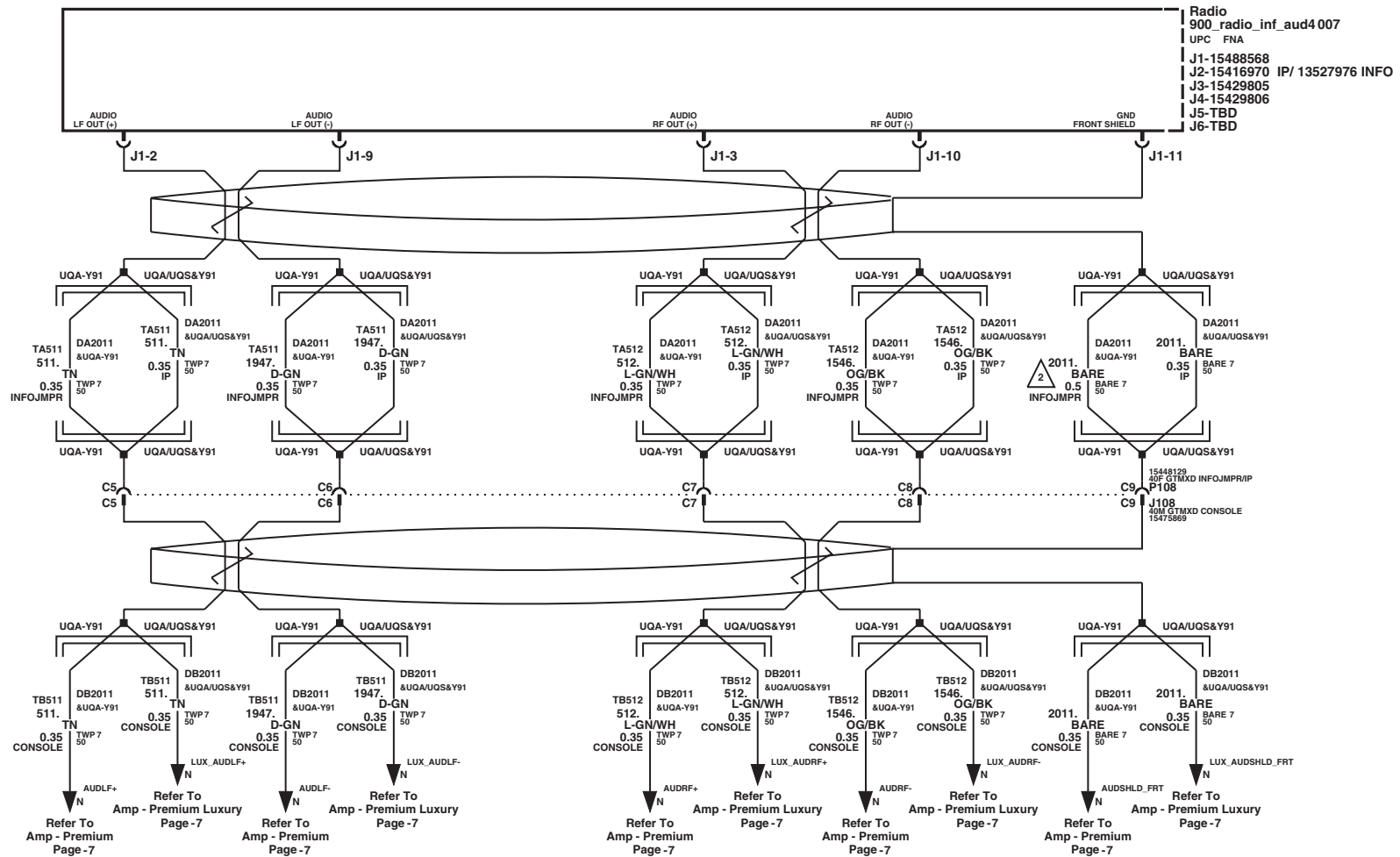


Infotainment & Telematics: Audio		REVISION	STAGE	VERSION	LAST CHANGED BY	1:35:05 pm	ORGANIZATION	USAGE
Released	07 GMT900	013	SSF	1			GMT900	
Panel Set:	3 of 8 schematic sheet1	11			Monday, January 23, 2006			

**GM Proprietary**

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

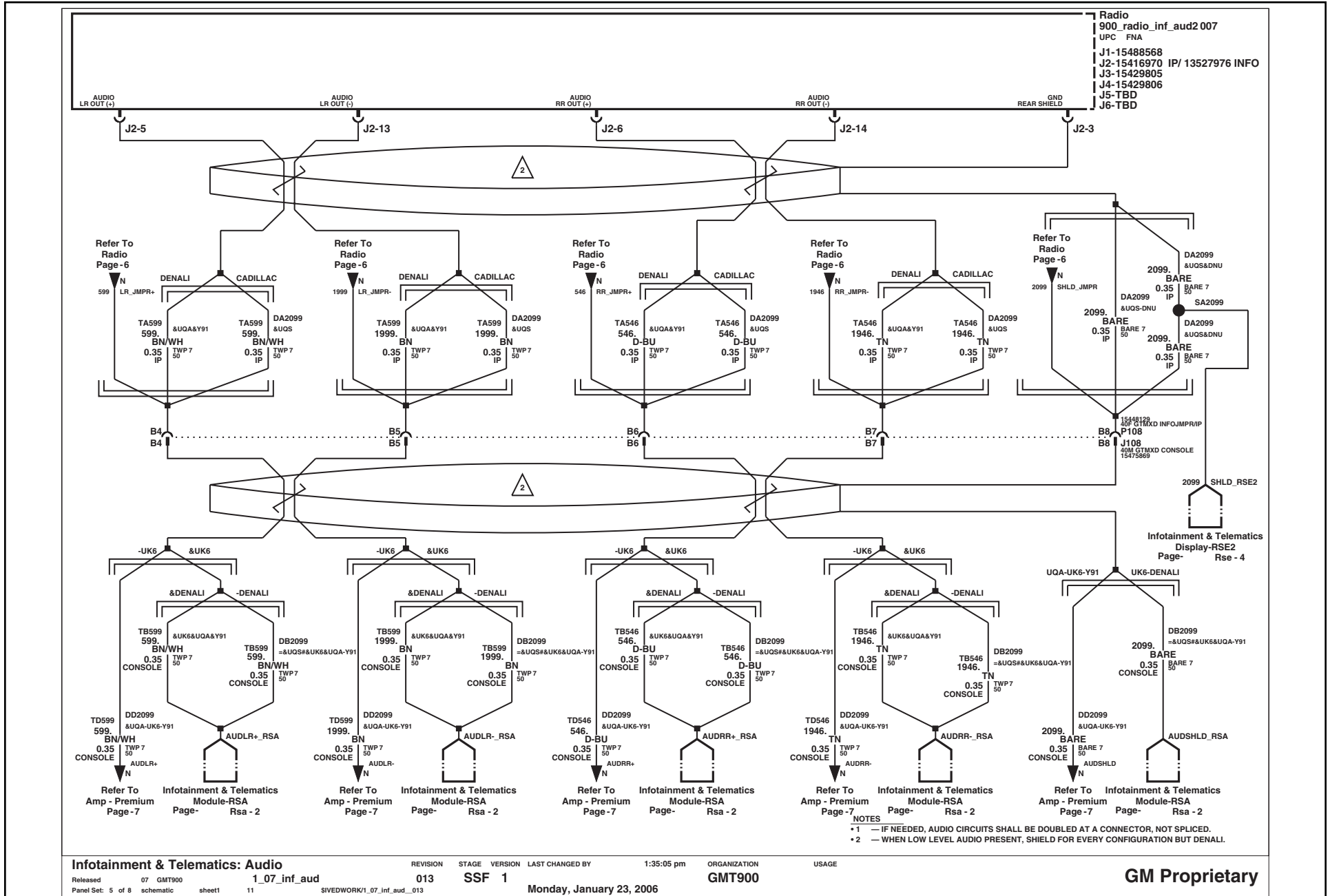
## Infotainment & Telematics: Audio



**NOTES**  
 • 1 — IF NEEDED, AUDIO CIRCUITS SHALL BE DOUBLED AT A CONNECTOR, NOT SPLICED.  
 • 2 — GAGE SIZE LARGER FOR DURABILITY.

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Infotainment & Telematics: Audio

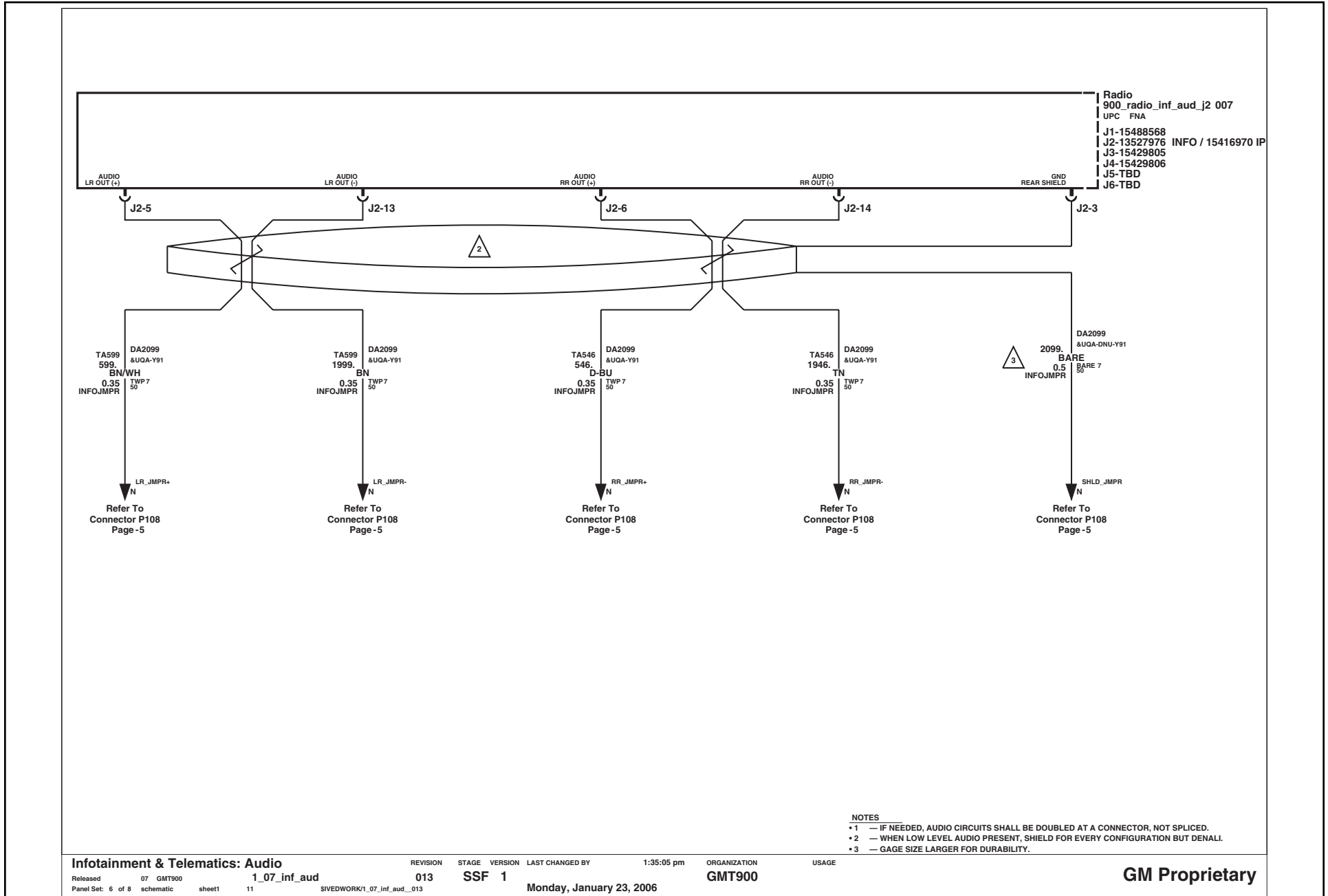




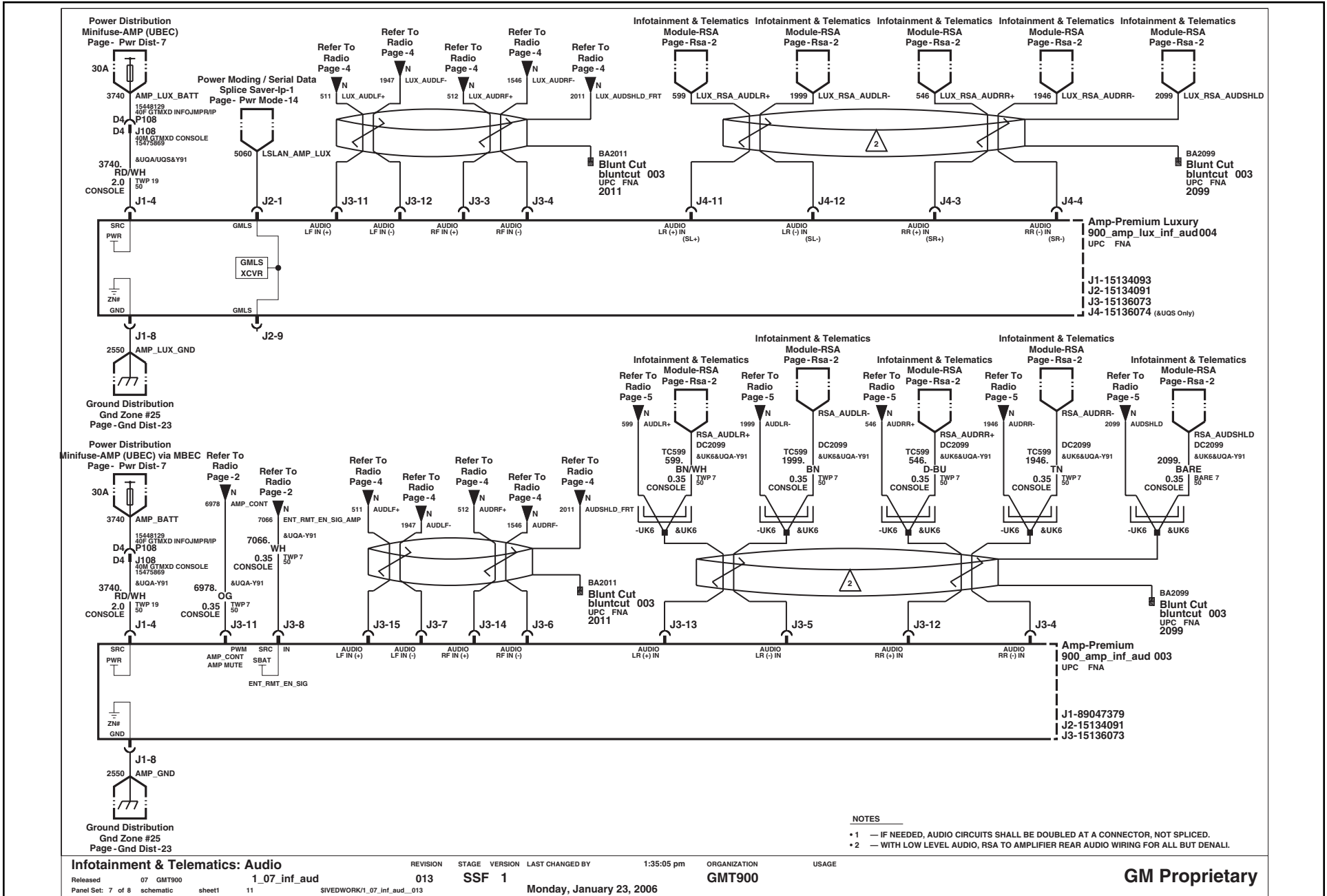
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

PAGE **D-101**

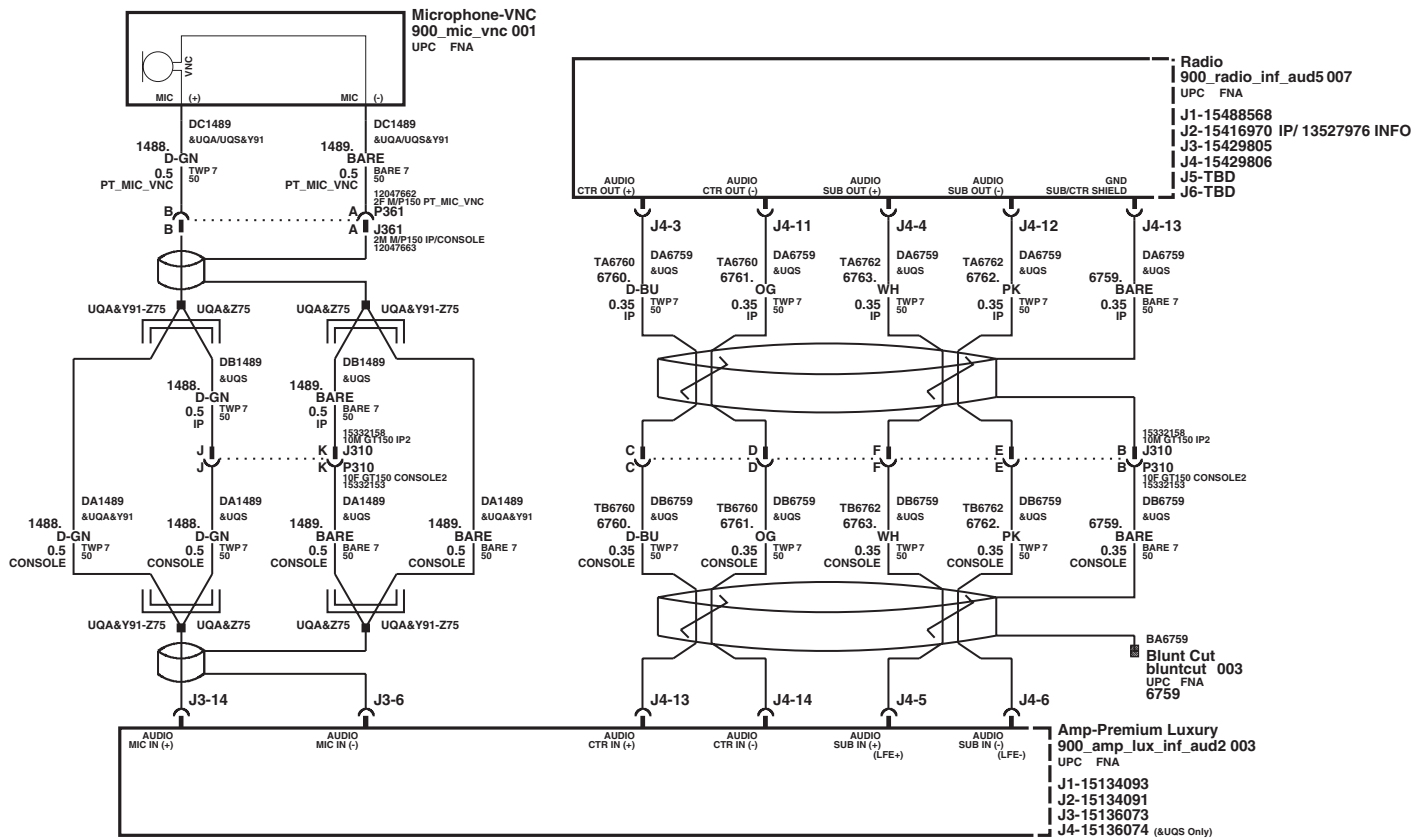
## Infotainment & Telematics: Audio



## Infotainment & Telematics: Audio



## Infotainment & Telematics: Audio



**NOTES**

- 1 — IF NEEDED, AUDIO CIRCUITS SHALL BE DOUBLED AT A CONNECTOR, NOT SPLICED.
- 2 — COMPOSITE VIDEO INPUT FROM REAR VISION CAMERA SHOWN IN OBSTACLE DETECTION.

Infotainment & Telematics: Audio

Released 07 GMT900 1\_07\_inf\_aud  
Panel Set: 8 of 8 schematic sheet1 11

REVISION 013 STAGE SSF 1 VERSION 1  
LAST CHANGED BY Monday, January 23, 2006

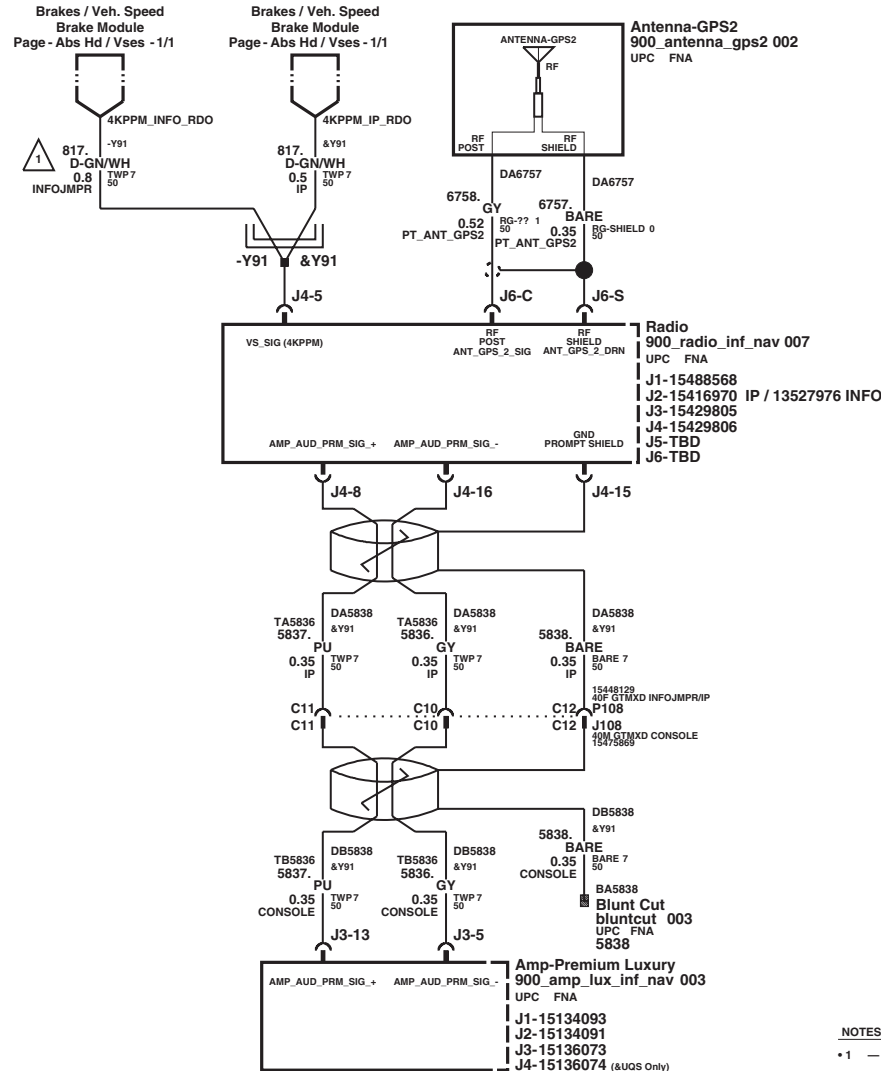
1:35:05 pm ORGANIZATION GMT900

USAGE

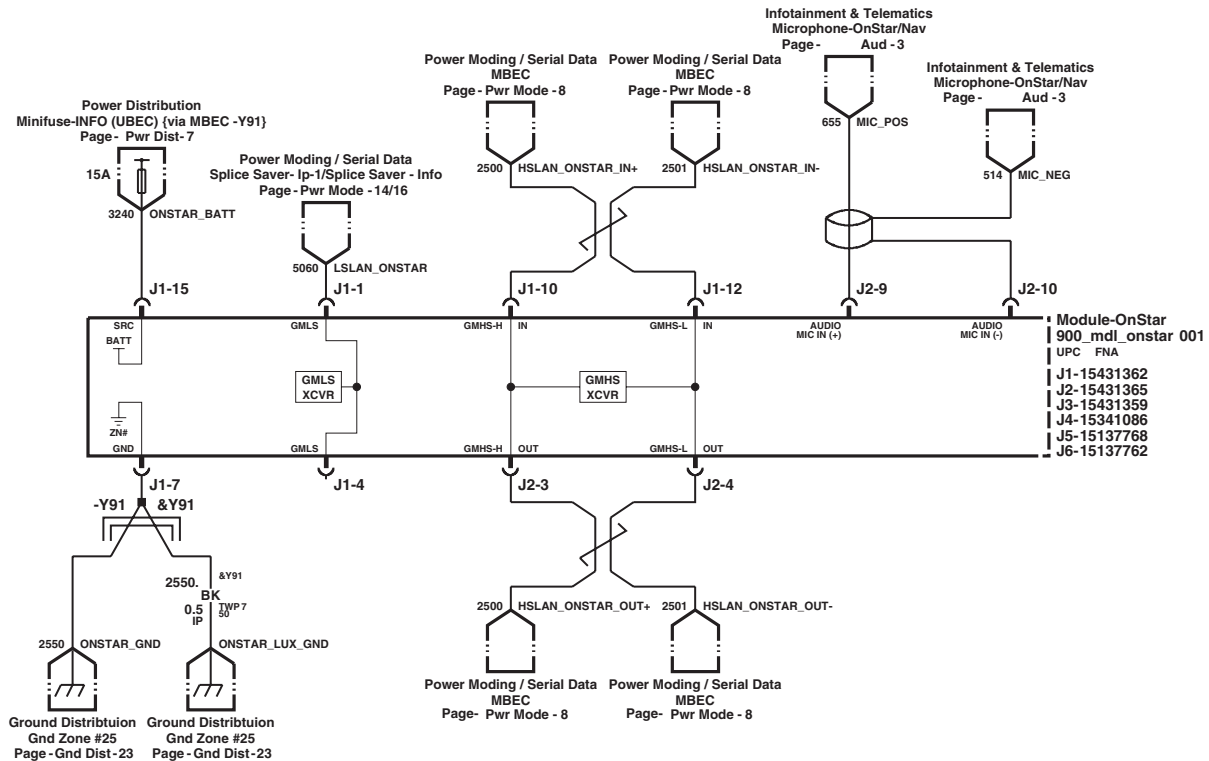
GM Proprietary

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Infotainment & Telematics: Navigation



## Infotainment & Telematics: OnStar



**Infotainment & Telematics: OnStar**

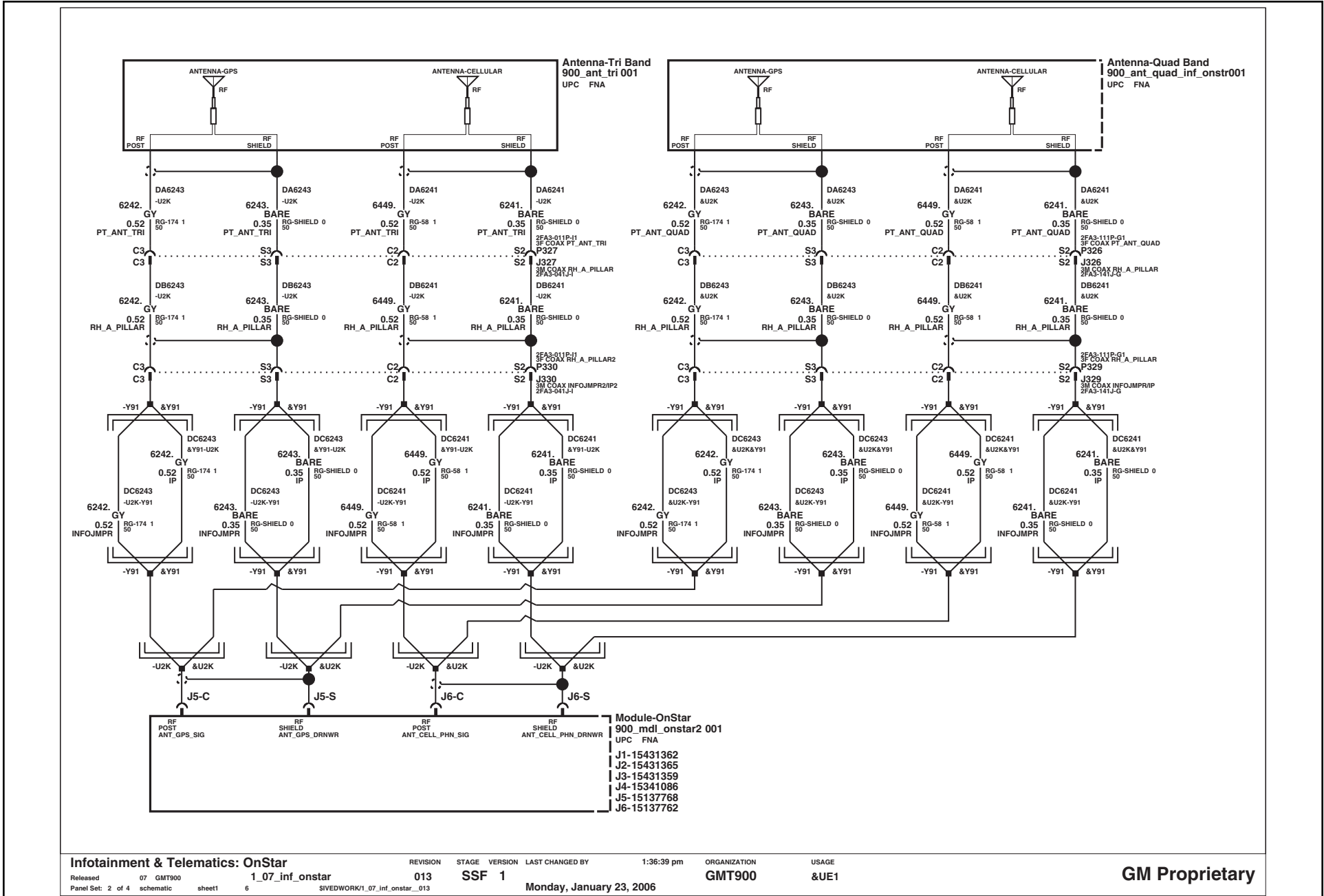
Released 07 GMT900 1\_07\_inf\_onstar 013  
 Panel Set: 1 of 4 schematic sheet1 6 SIVEDWORK/1\_07\_inf\_onstar\_013

REVISION 013  
 STAGE SSF 1  
 VERSION 1  
 LAST CHANGED BY Monday, January 23, 2006

1:36:39 pm  
 ORGANIZATION GMT900  
 USAGE &UE1

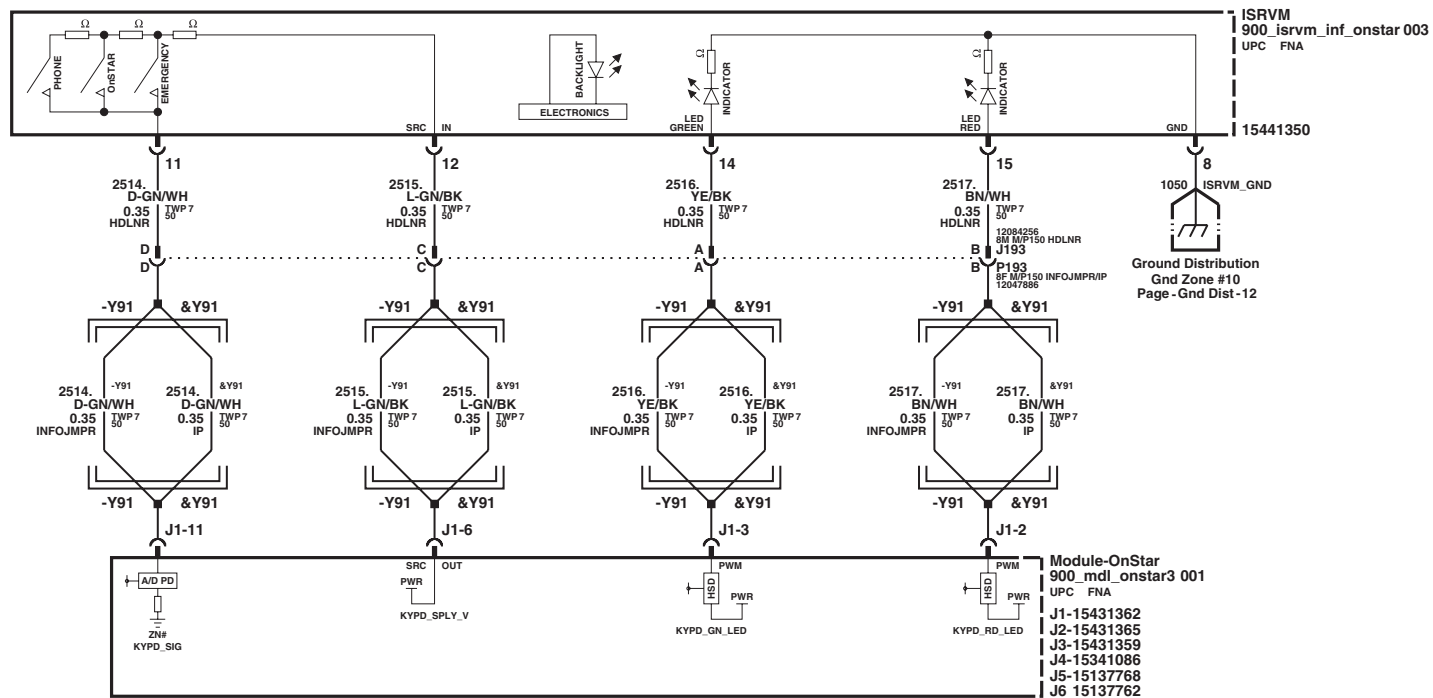
**GM Proprietary**

## Infotainment & Telematics: OnStar



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Infotainment & Telematics: OnStar



Infotainment & Telematics: OnStar

Released 07 GMT900 1\_07\_inf\_onstar 013  
 Panel Set: 3 of 4 schematic sheet1 6 SIVEDWORK/1\_07\_inf\_onstar\_013

REVISION 013 STAGE VERSION SSF 1 LAST CHANGED BY Monday, January 23, 2006

1:36:39 pm

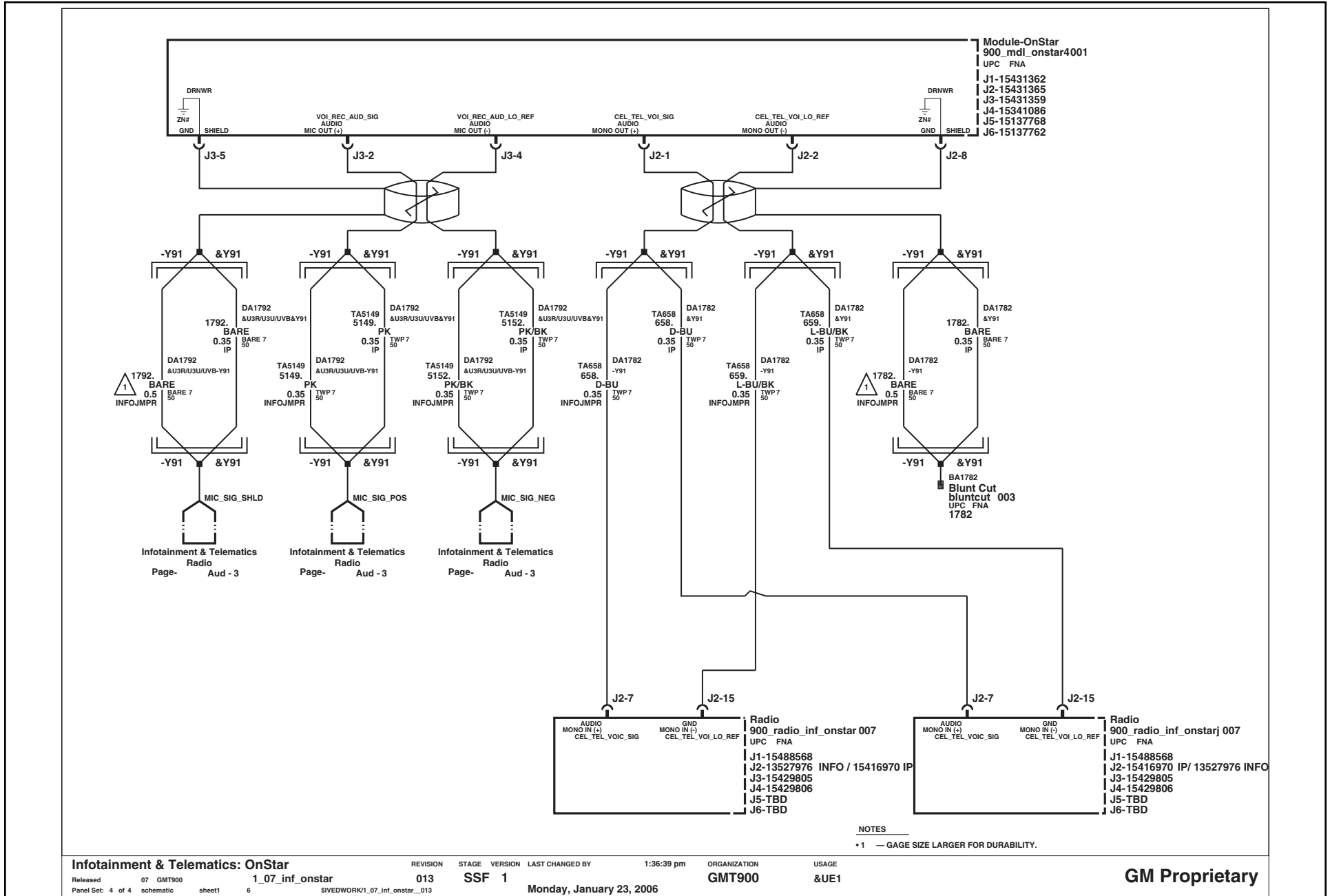
ORGANIZATION GMT900

USAGE &UE1

GM Proprietary

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

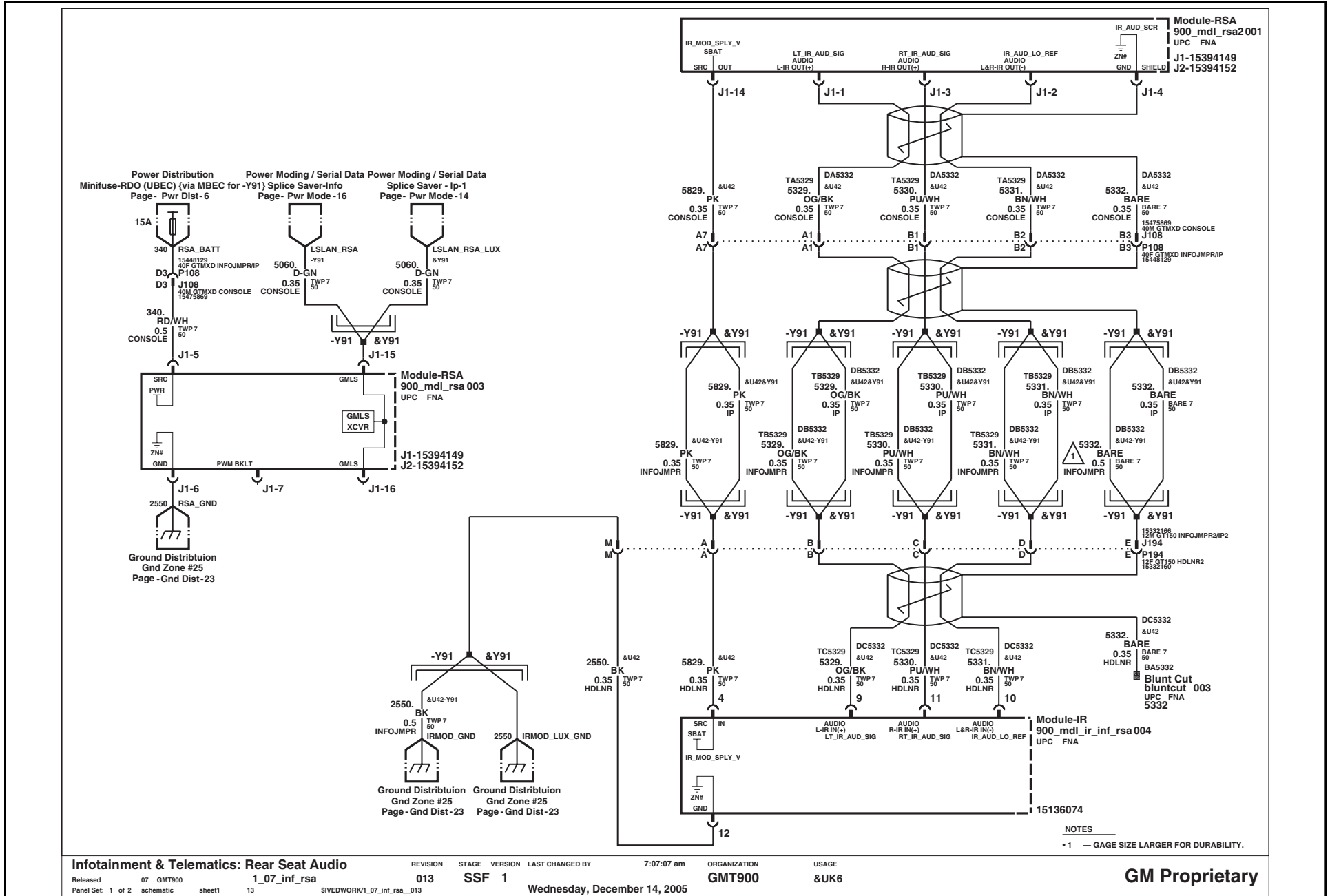
## Infotainment & Telematics: OnStar



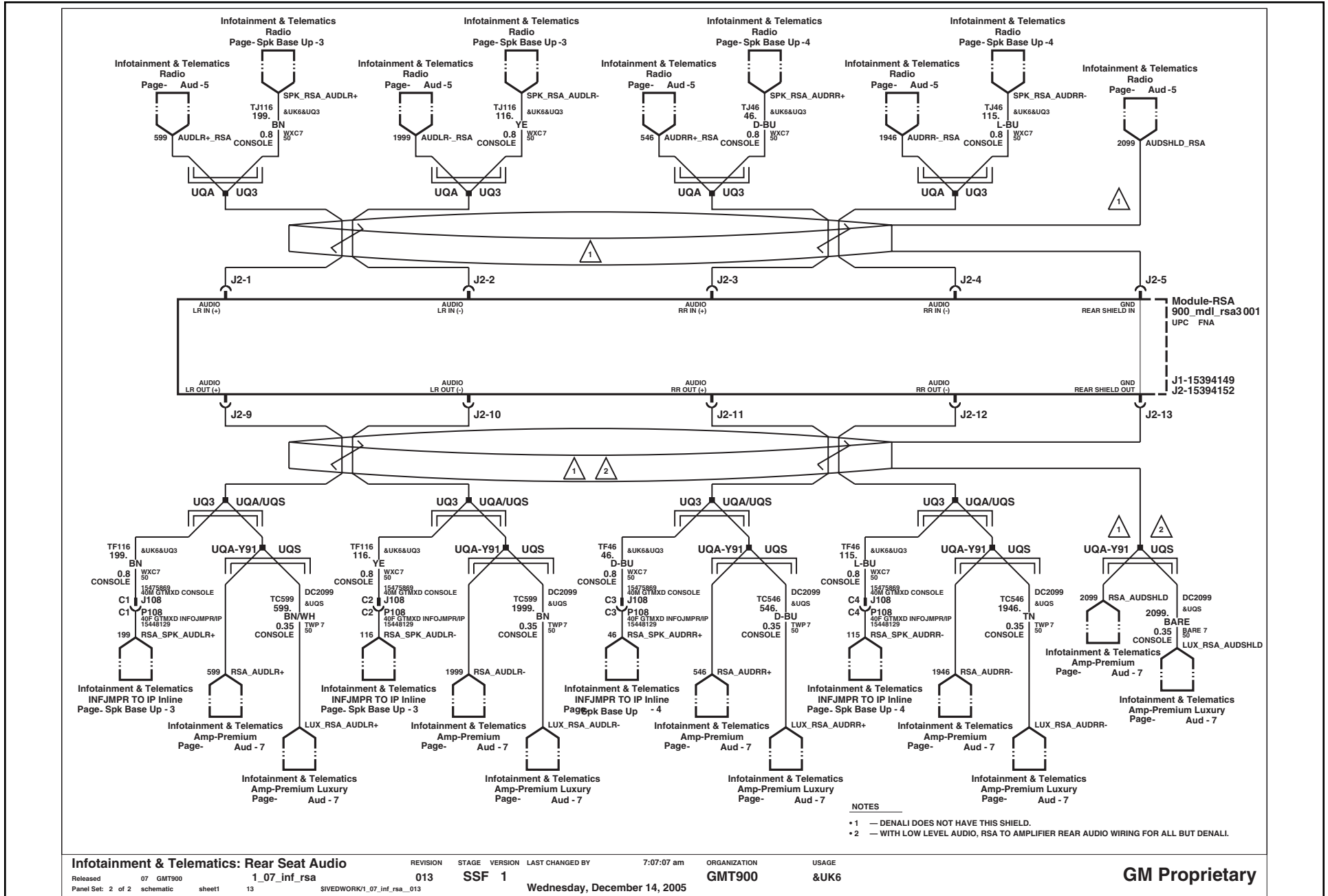


# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Infotainment & Telematics: Rear Seat Audio

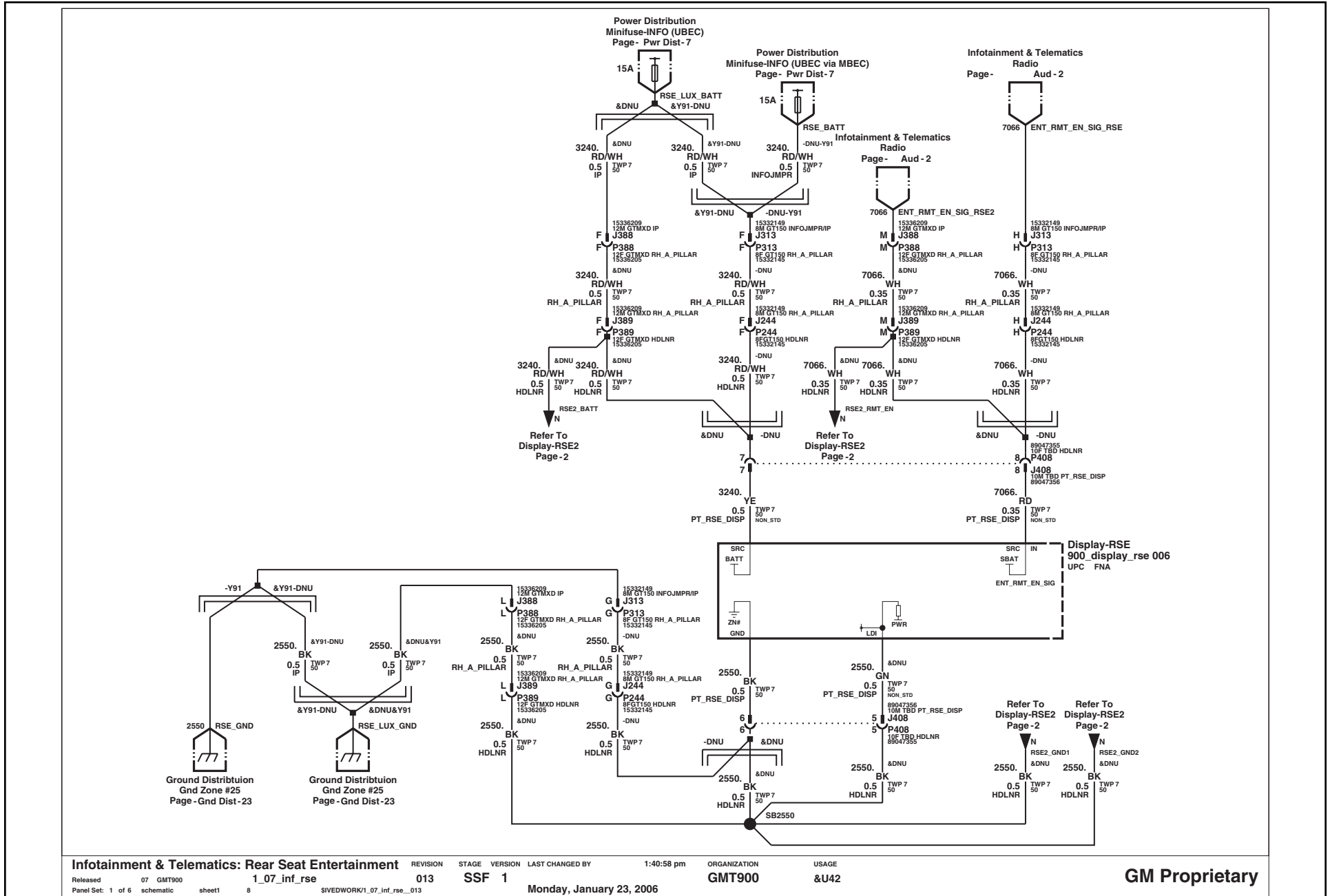


## Infotainment & Telematics: Rear Seat Audio

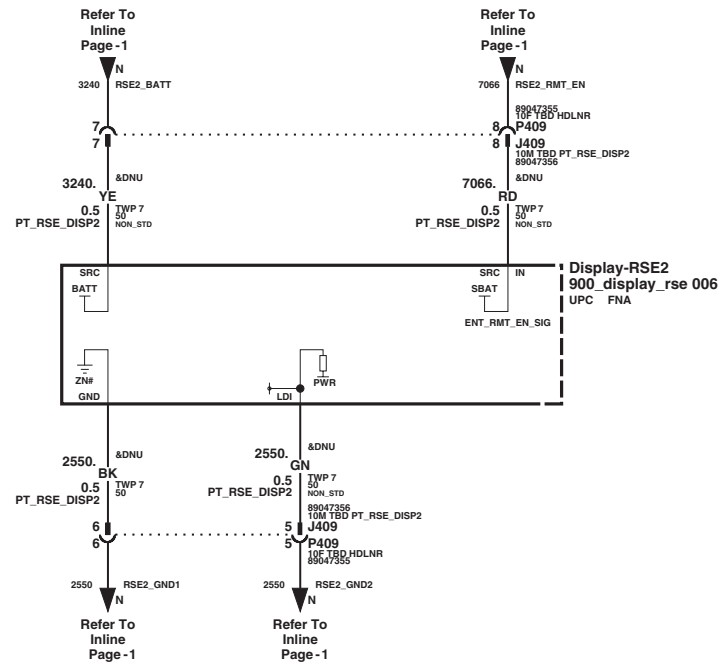


# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Infotainment & Telematics: Rear Seat Entertainment

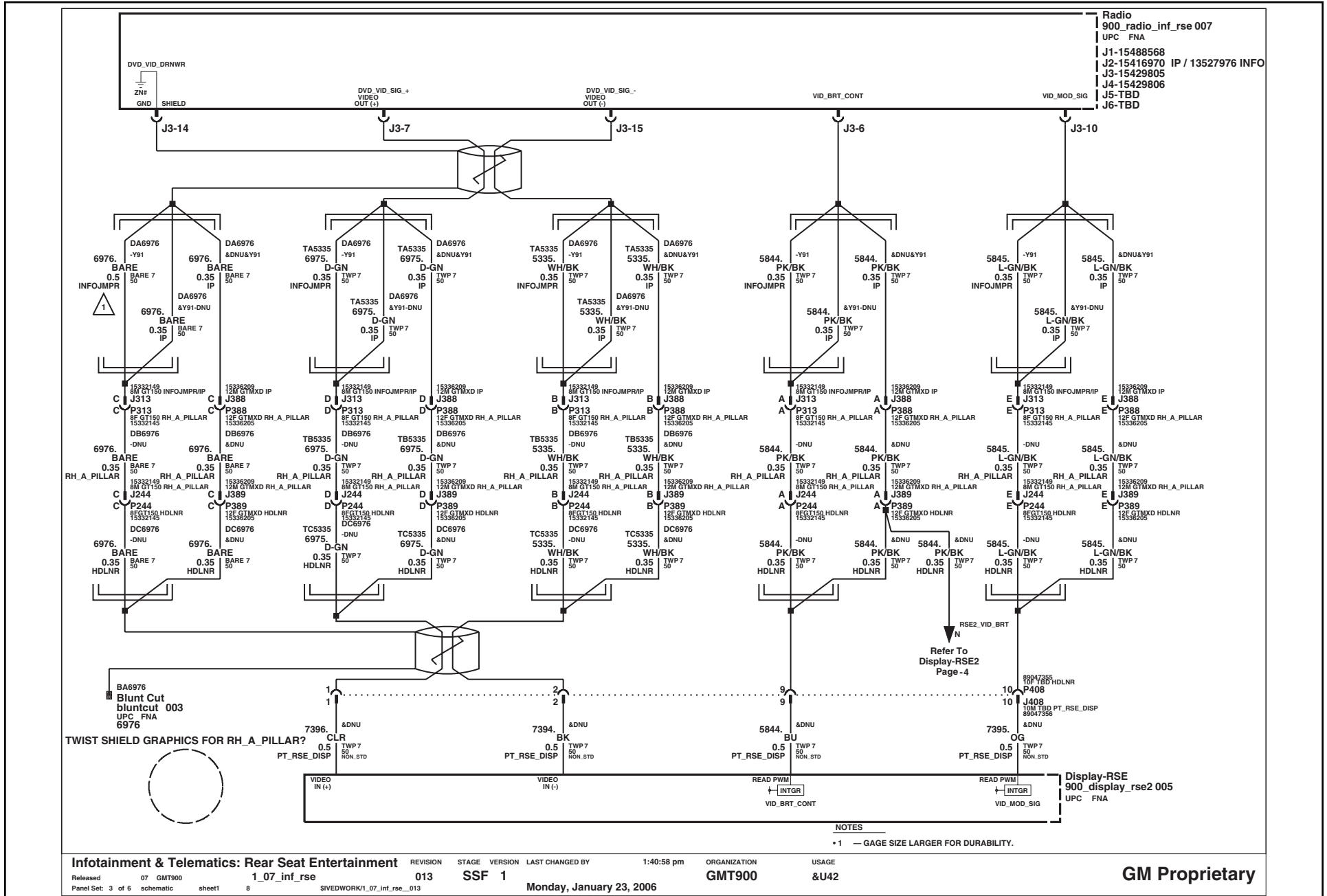


## Infotainment & Telematics: Rear Seat Entertainment



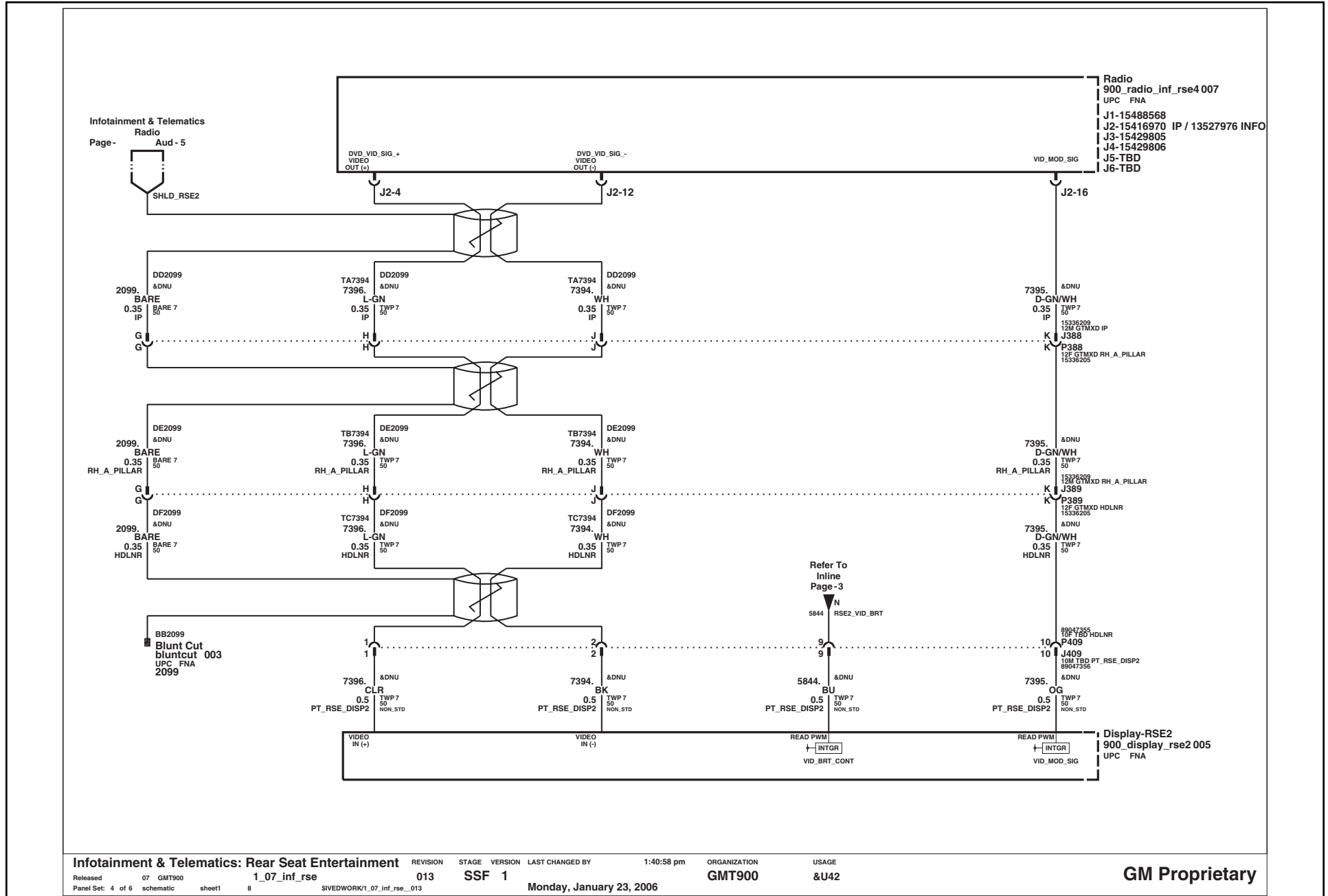
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Infotainment & Telematics: Rear Seat Entertainment



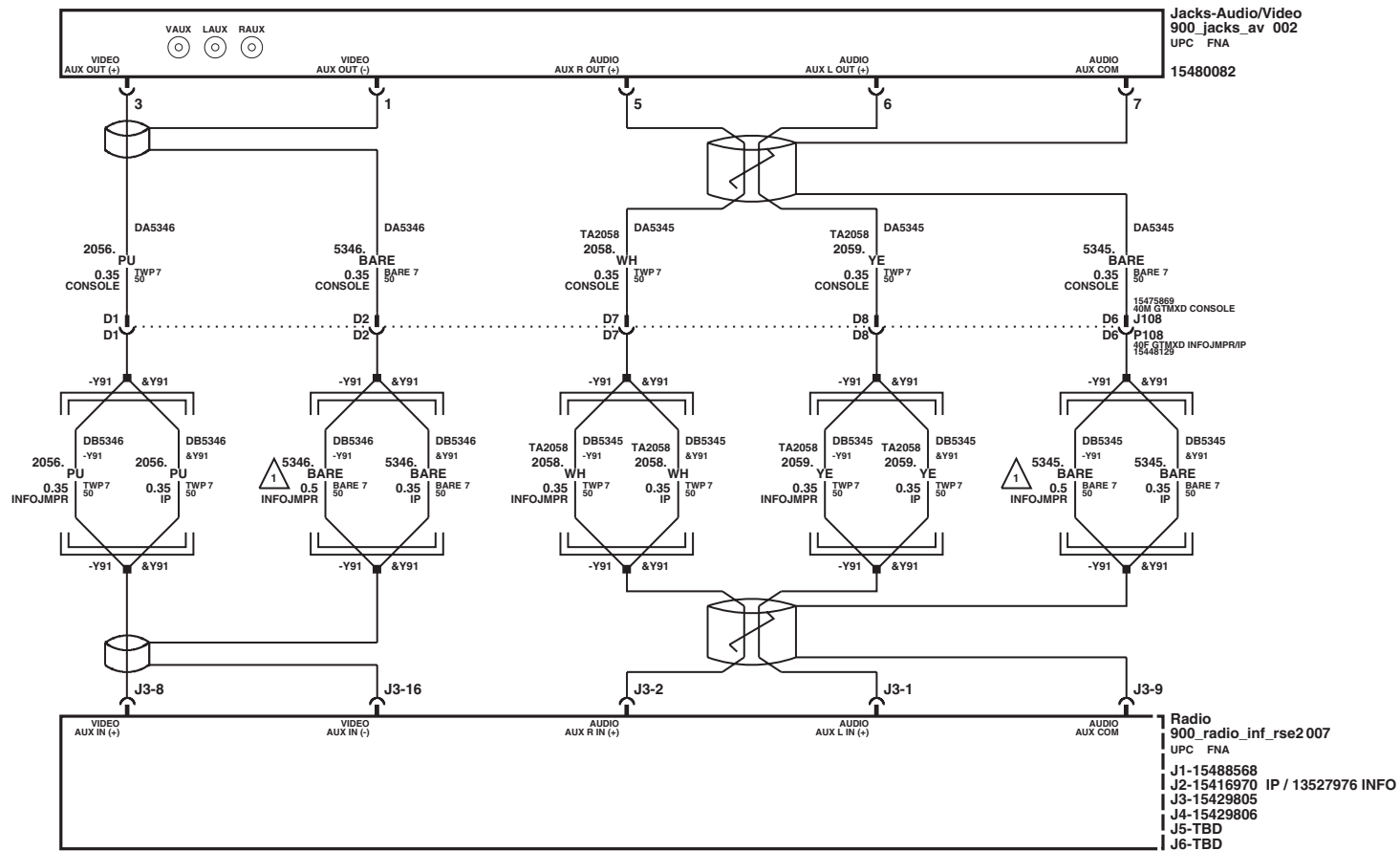
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Infotainment & Telematics: Rear Seat Entertainment



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Infotainment & Telematics: Rear Seat Entertainment



Infotainment & Telematics: Rear Seat Entertainment

Released 07 GMT900 1\_07\_inf\_rse  
Panel Set: 5 of 6 schematic sheet1 8 SIVEDWORK/1\_07\_inf\_rse\_013

REVISION 013  
STAGE SSF 1  
VERSION 1  
LAST CHANGED BY Monday, January 23, 2006

1:40:58 pm

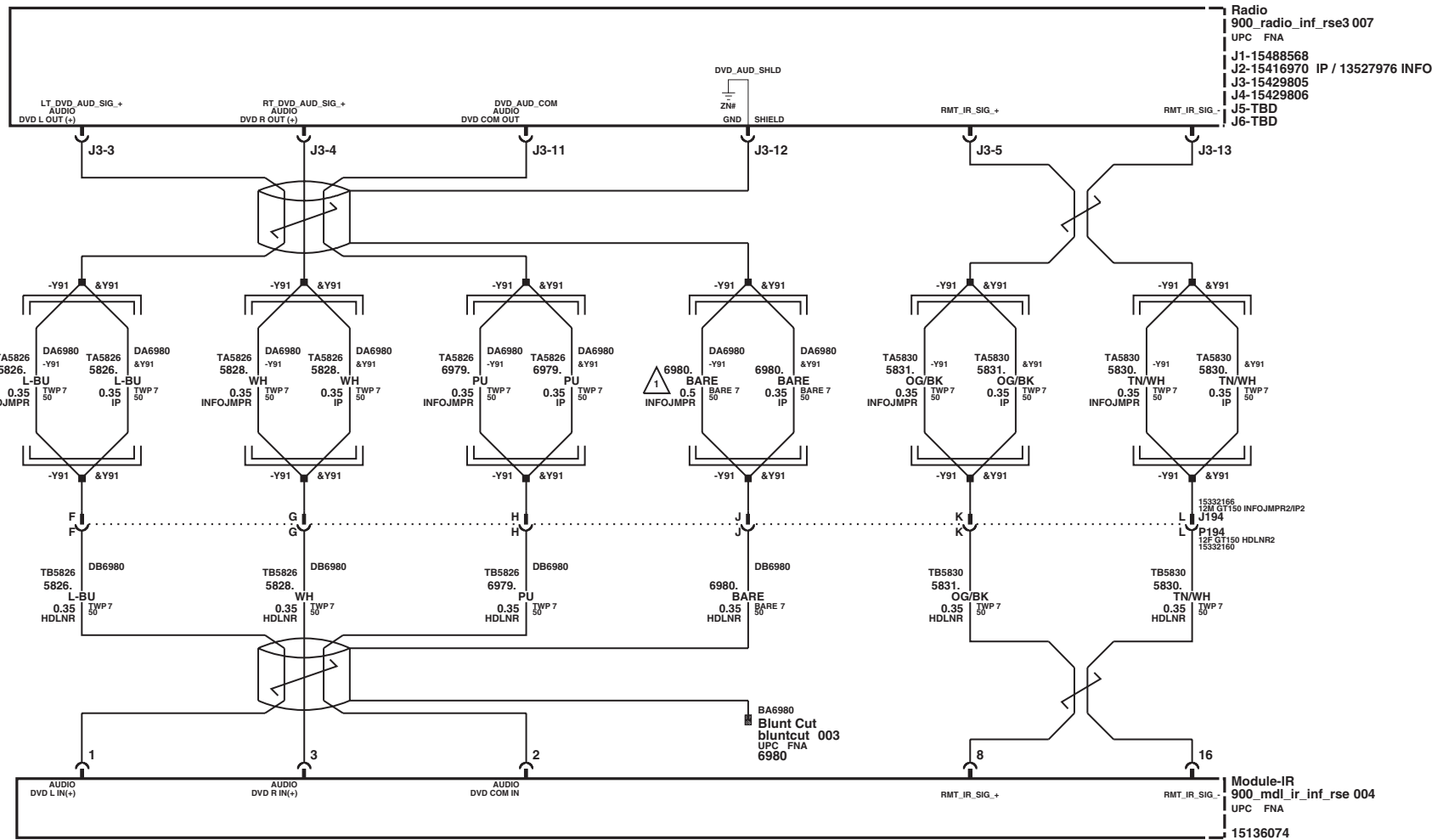
ORGANIZATION GMT900

USAGE &U42

GM Proprietary

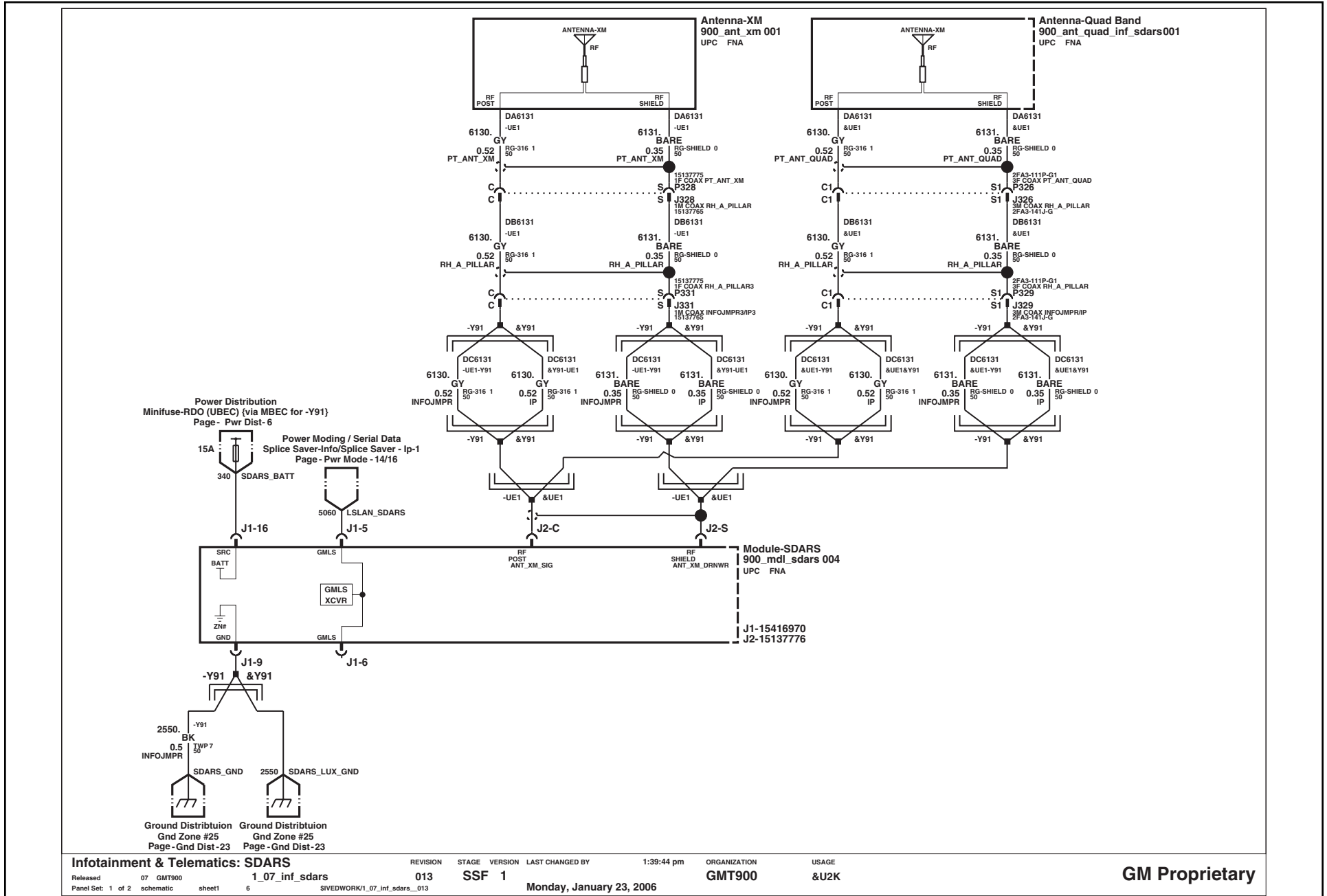
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Infotainment & Telematics: Rear Seat Entertainment

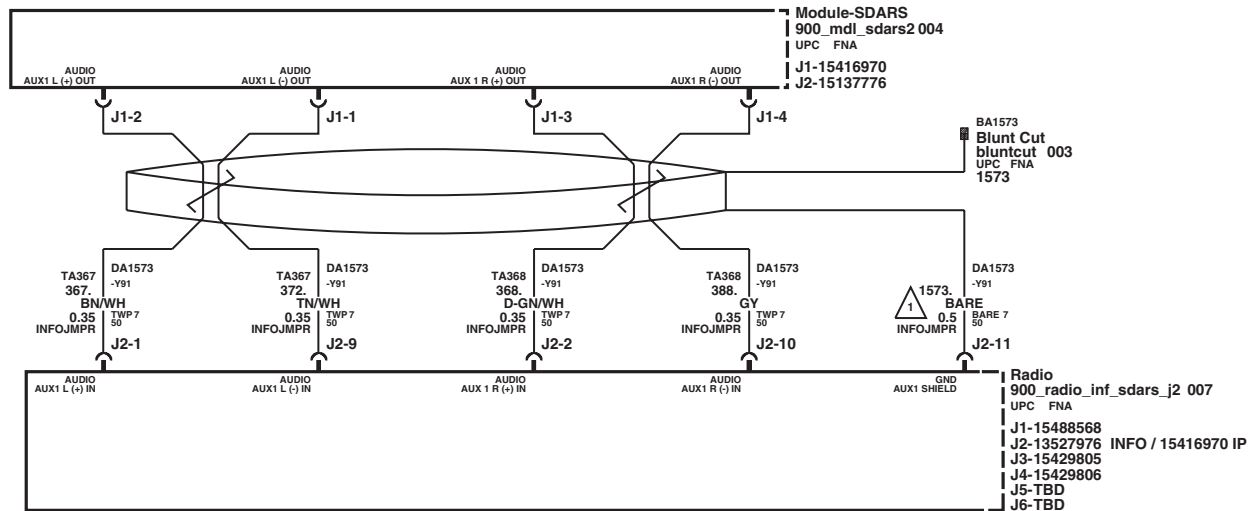
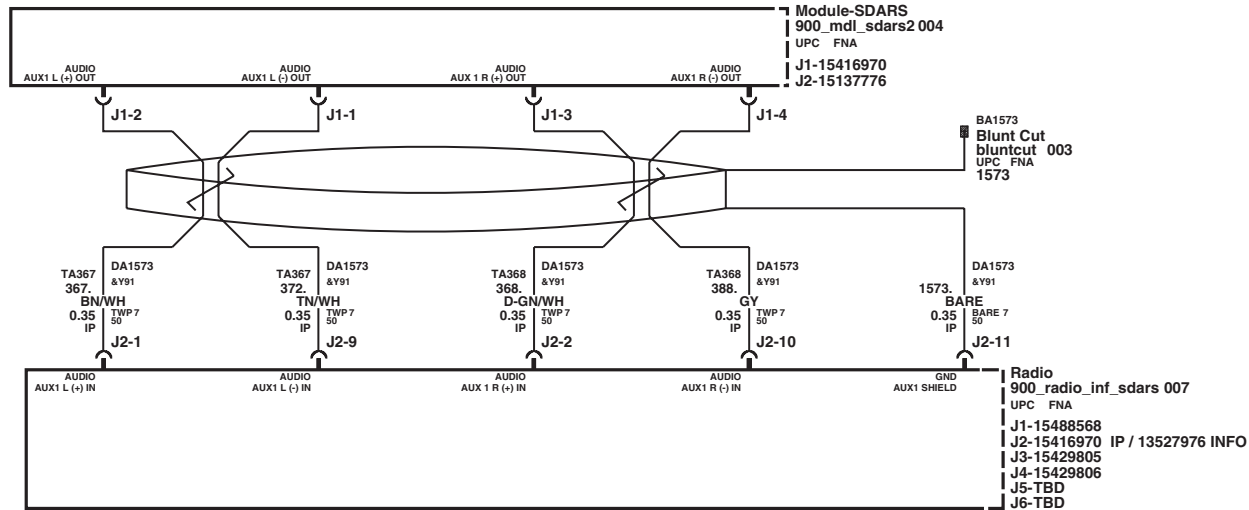




## Infotainment & Telematics: SDARS



## Infotainment & Telematics: SDARS



NOTES  
 \* 1 — GAGE SIZE LARGER FOR DURABILITY.

Infotainment & Telematics: SDARS

Released 07 GMT900 1\_07\_inf\_sdars  
 Panel Set: 2 of 2 schematic sheet1 6 SIVDWORK/1\_07\_inf\_sdars\_013

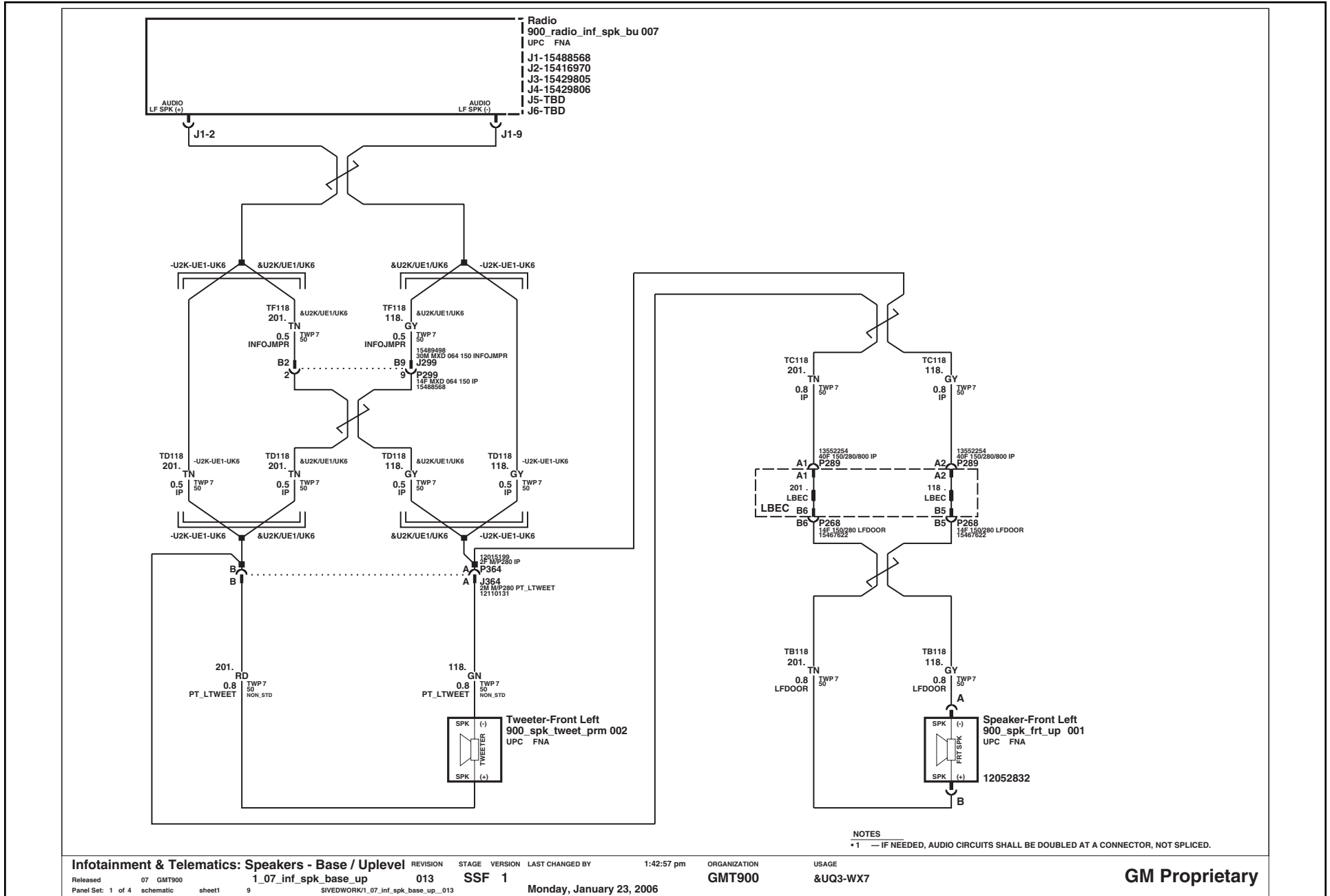
REVISION 013 STAGE SSF 1 VERSION 1 LAST CHANGED BY Monday, January 23, 2006

1:39:44 pm ORGANIZATION GMT900 USAGE &U2K

GM Proprietary

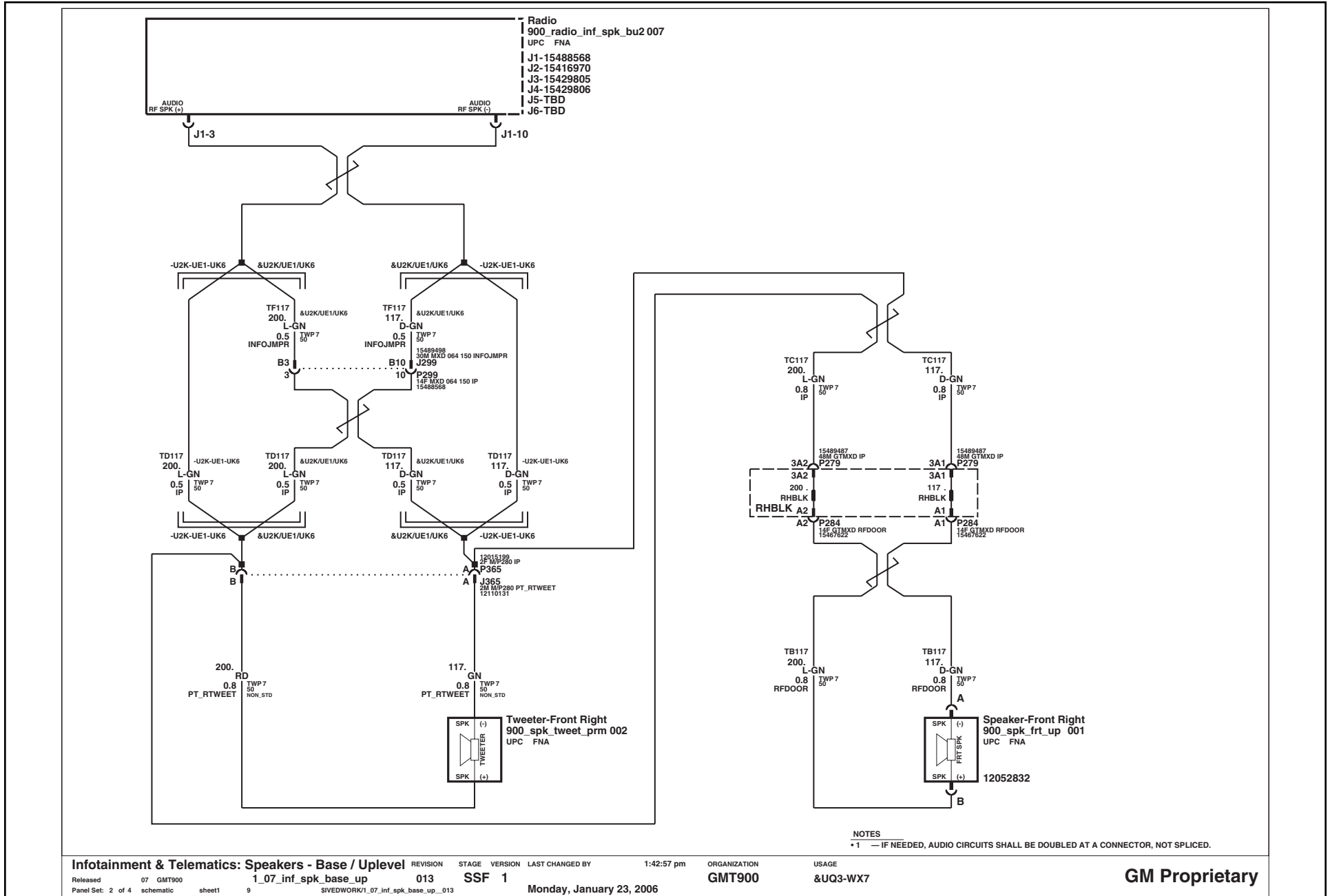
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Infotainment & Telematics: Speakers – Base/Uplevel



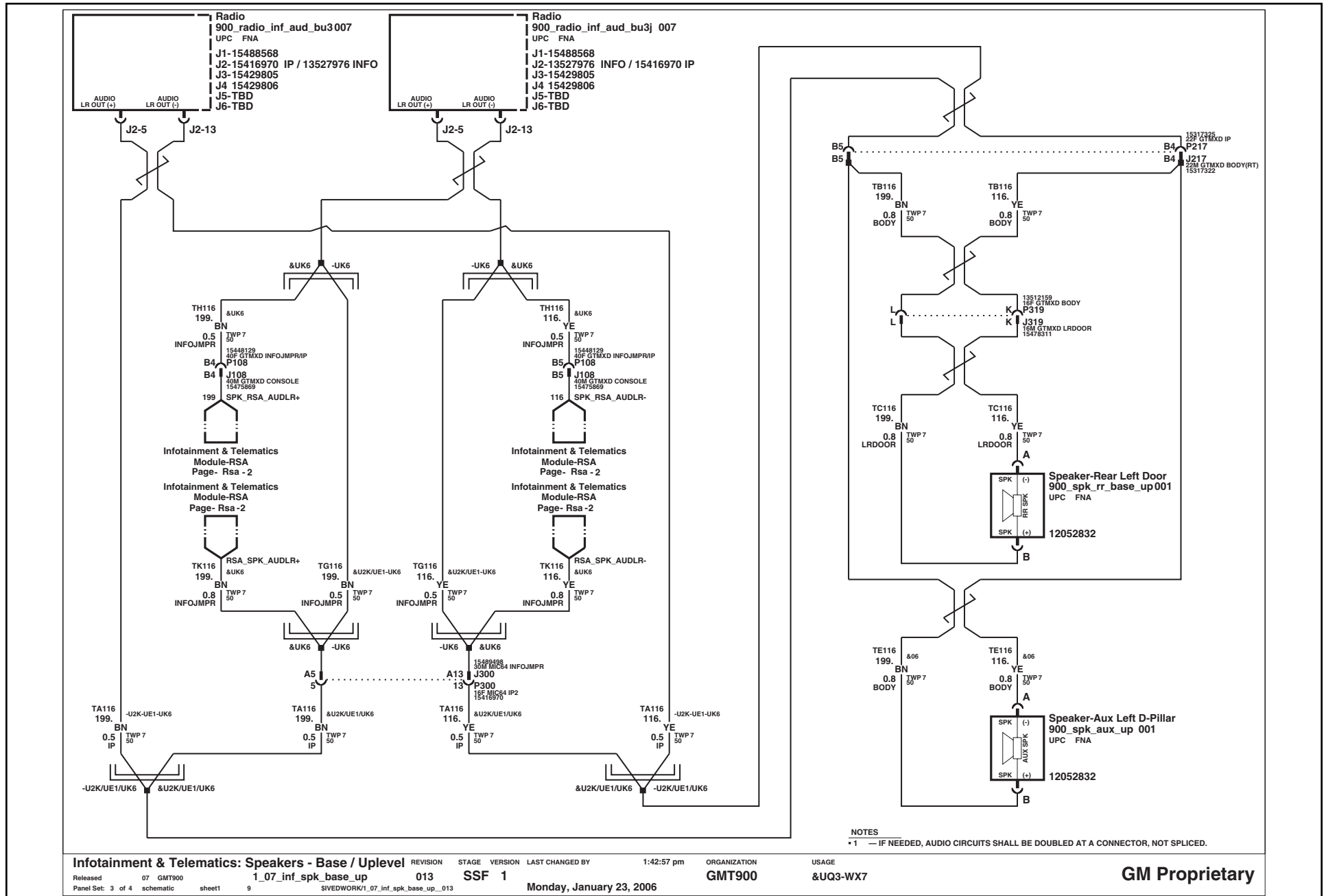
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Infotainment & Telematics: Speakers – Base/Uplevel



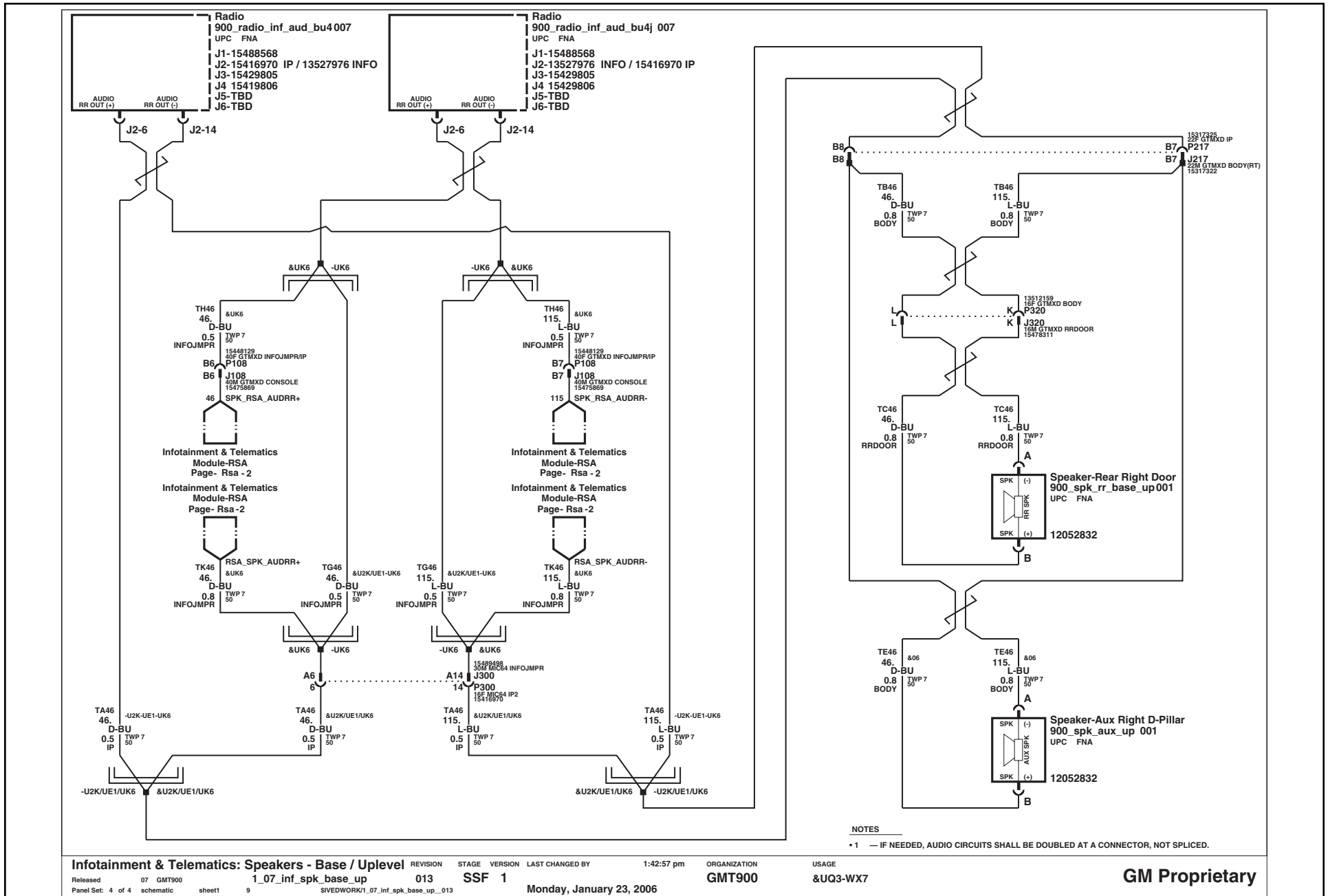
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Infotainment & Telematics: Speakers – Base/Uplevel



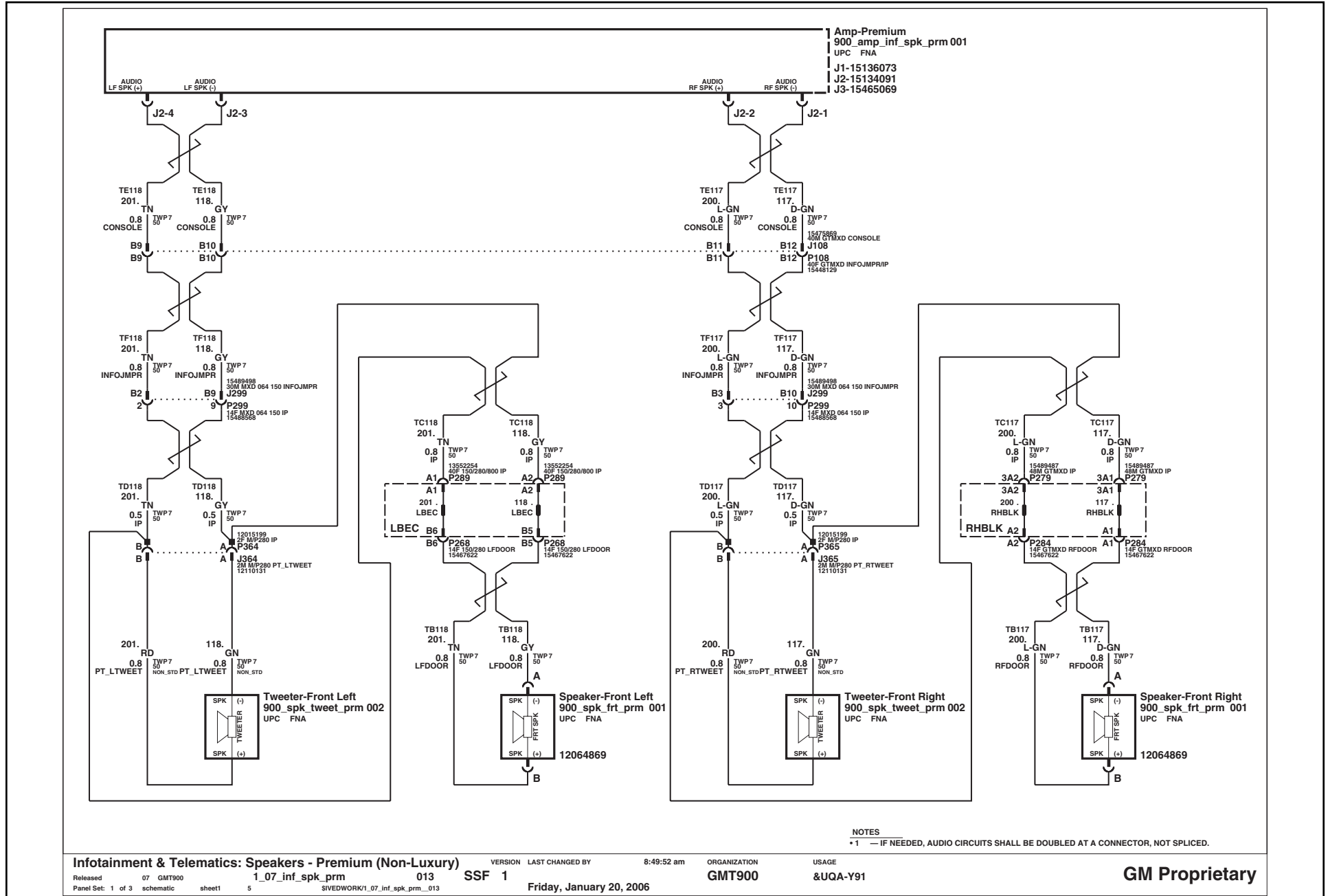
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Infotainment & Telematics: Speakers – Base/Uplevel



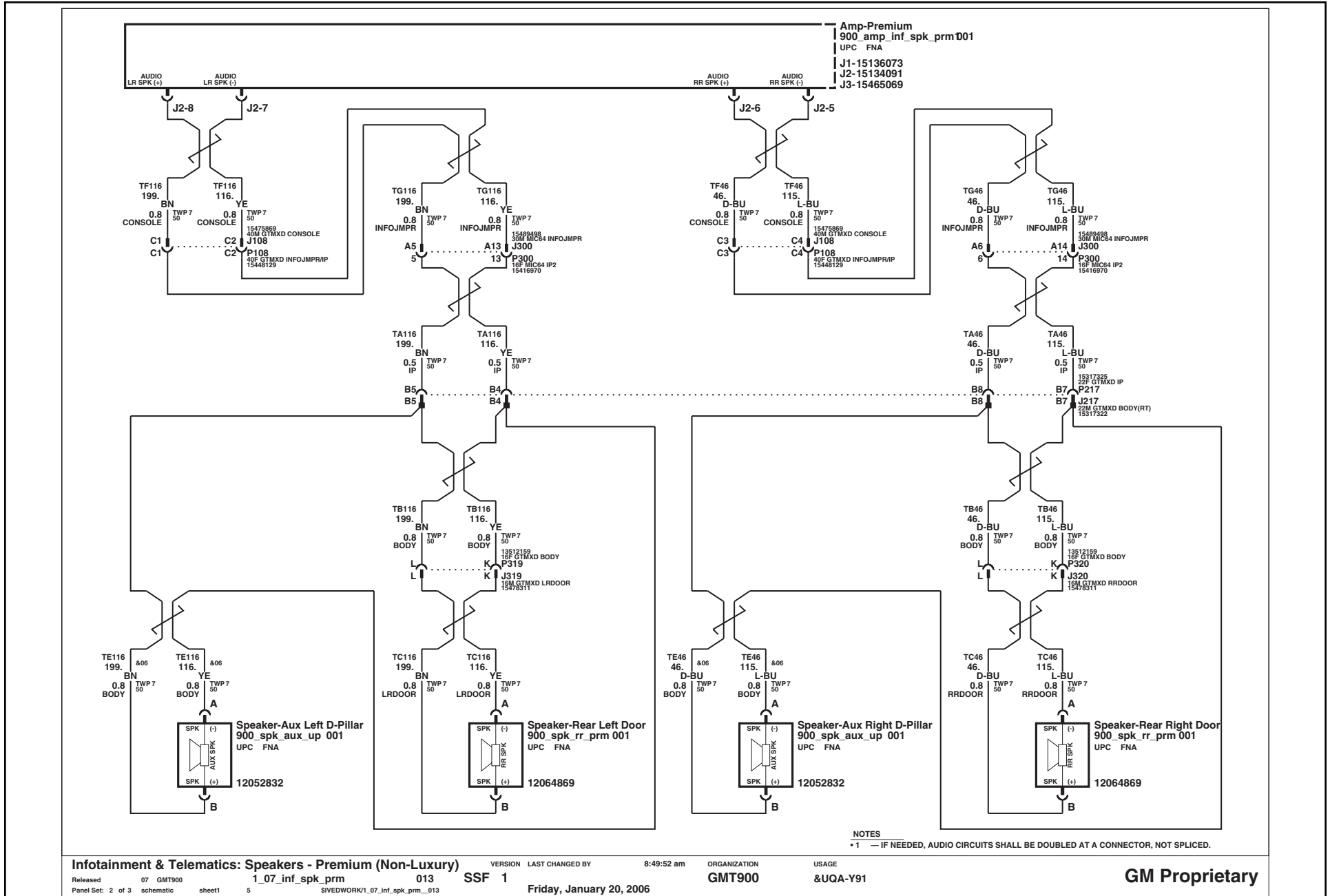
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Infotainment & Telematics: Speakers – Premium (Non-Luxury)



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

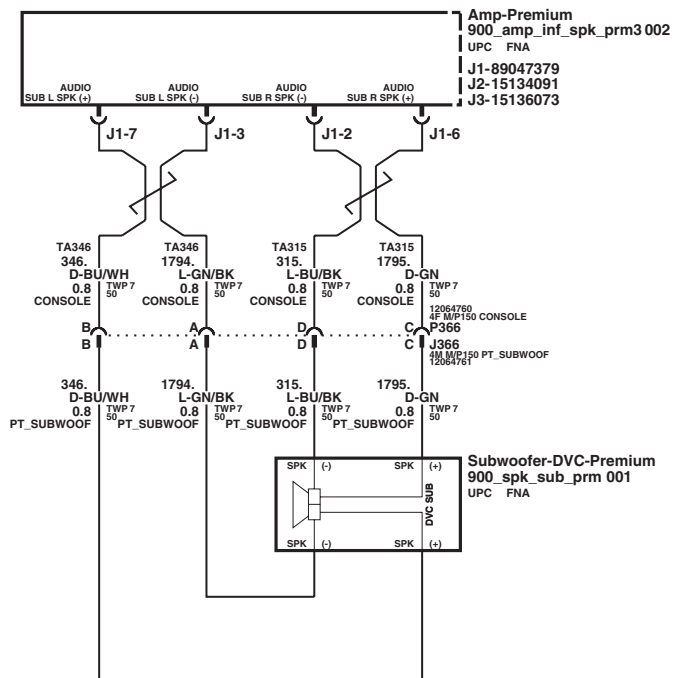
## Infotainment & Telematics: Speakers – Premium (Non-Luxury)





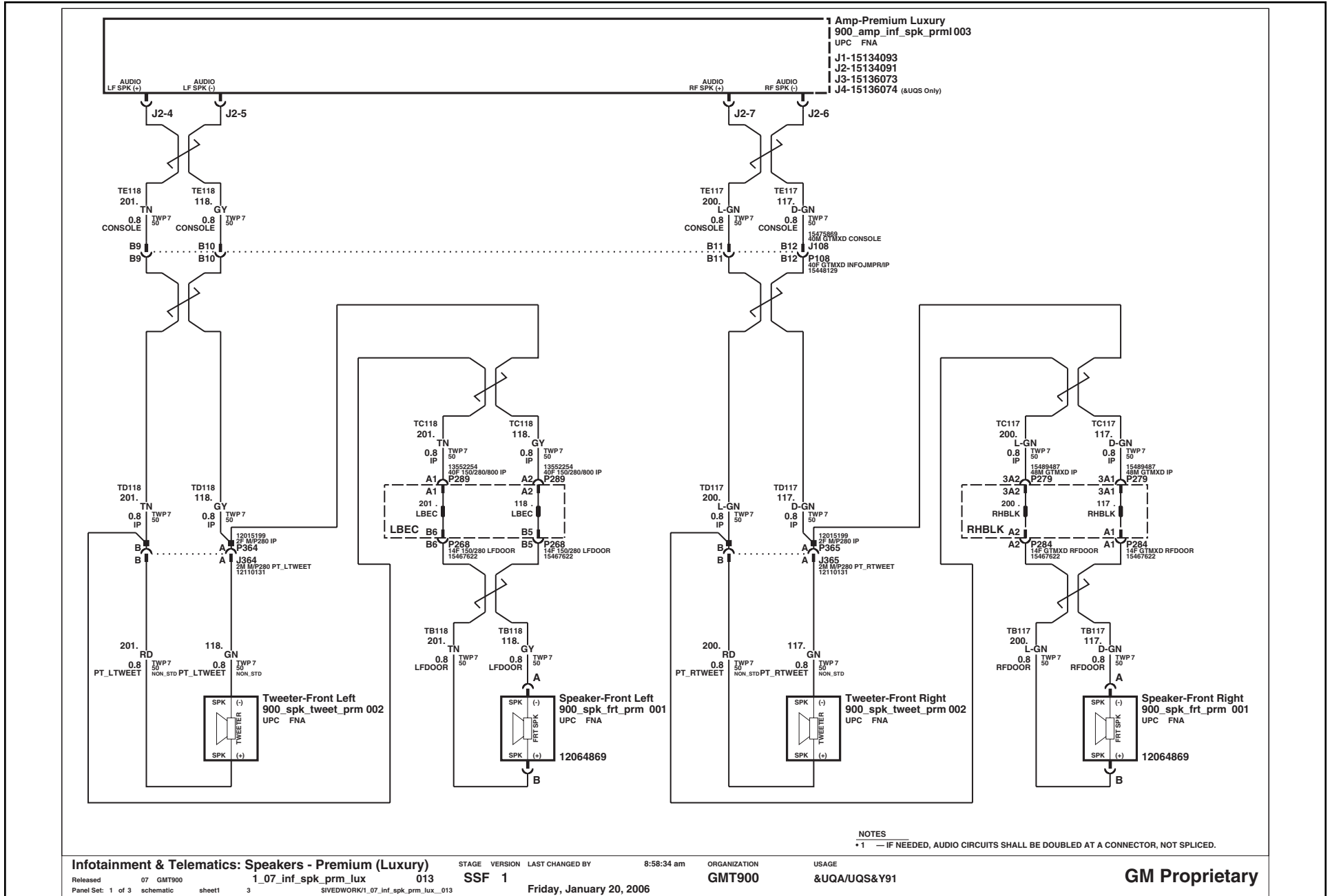
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Infotainment & Telematics: Speakers – Premium (Non-Luxury)



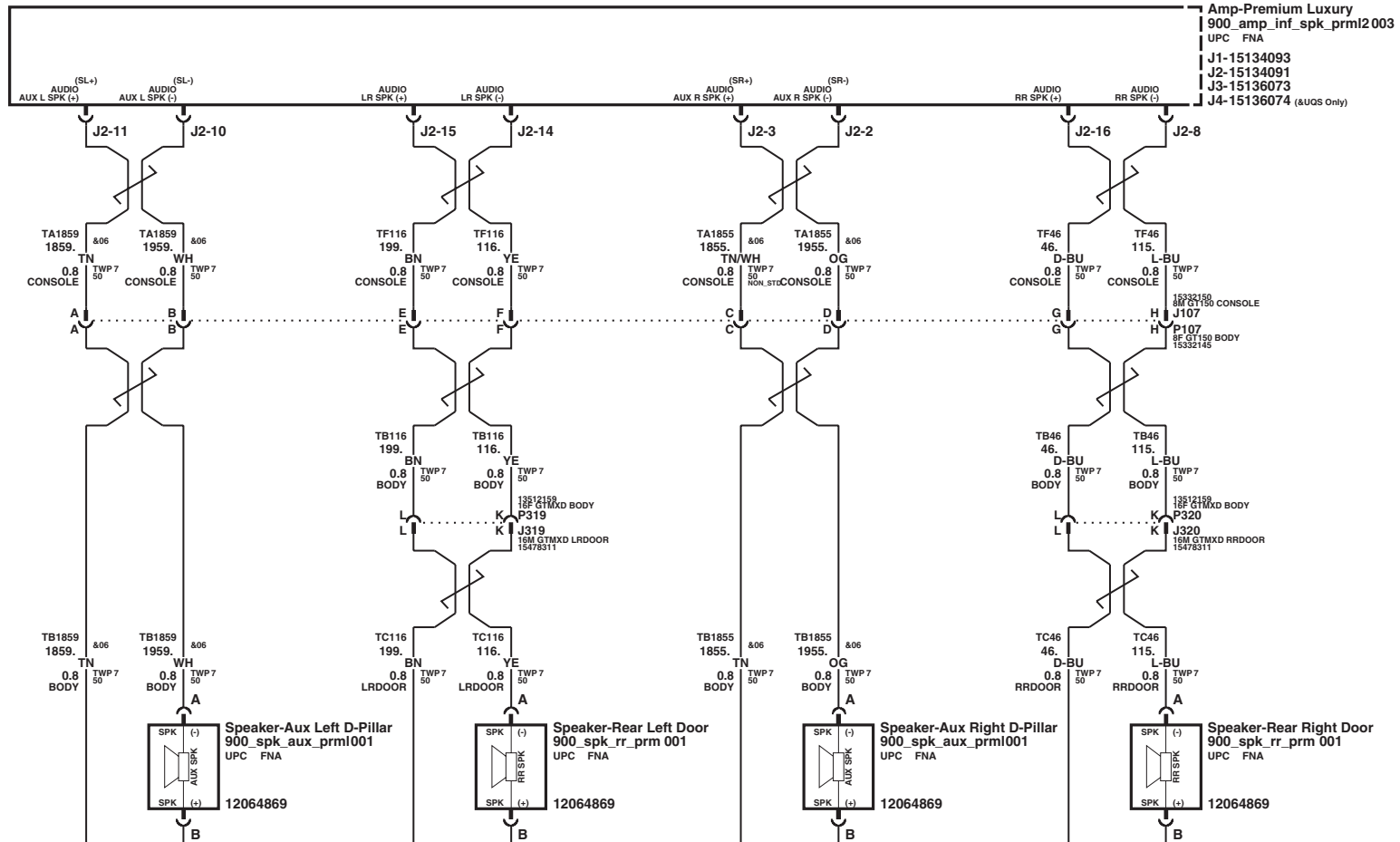
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Infotainment & Telematics: Speakers – Premium (Luxury)



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

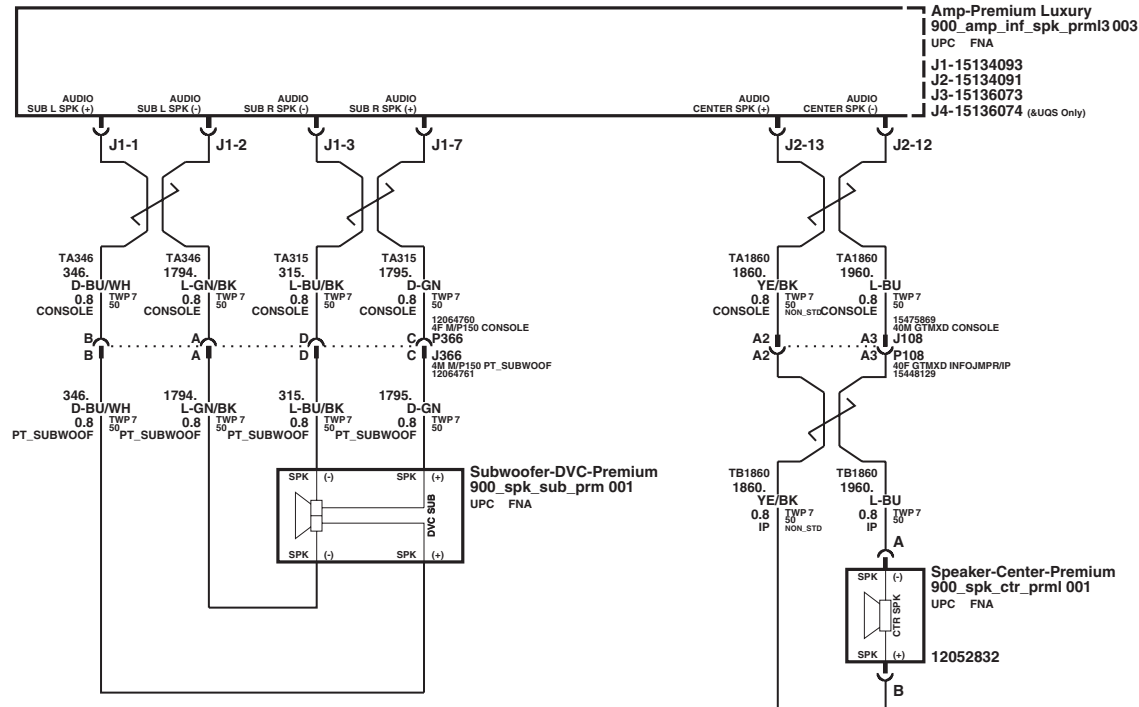
## Infotainment & Telematics: Speakers – Premium (Luxury)



NOTES  
 \*1 — IF NEEDED, AUDIO CIRCUITS SHALL BE DOUBLED AT A CONNECTOR, NOT SPLICED.

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Infotainment & Telematics: Speakers – Premium (Luxury)



NOTES  
 \*1 — IF NEEDED, AUDIO CIRCUITS SHALL BE DOUBLED AT A CONNECTOR, NOT SPLICED.

Infotainment & Telematics: Speakers - Premium (Luxury)

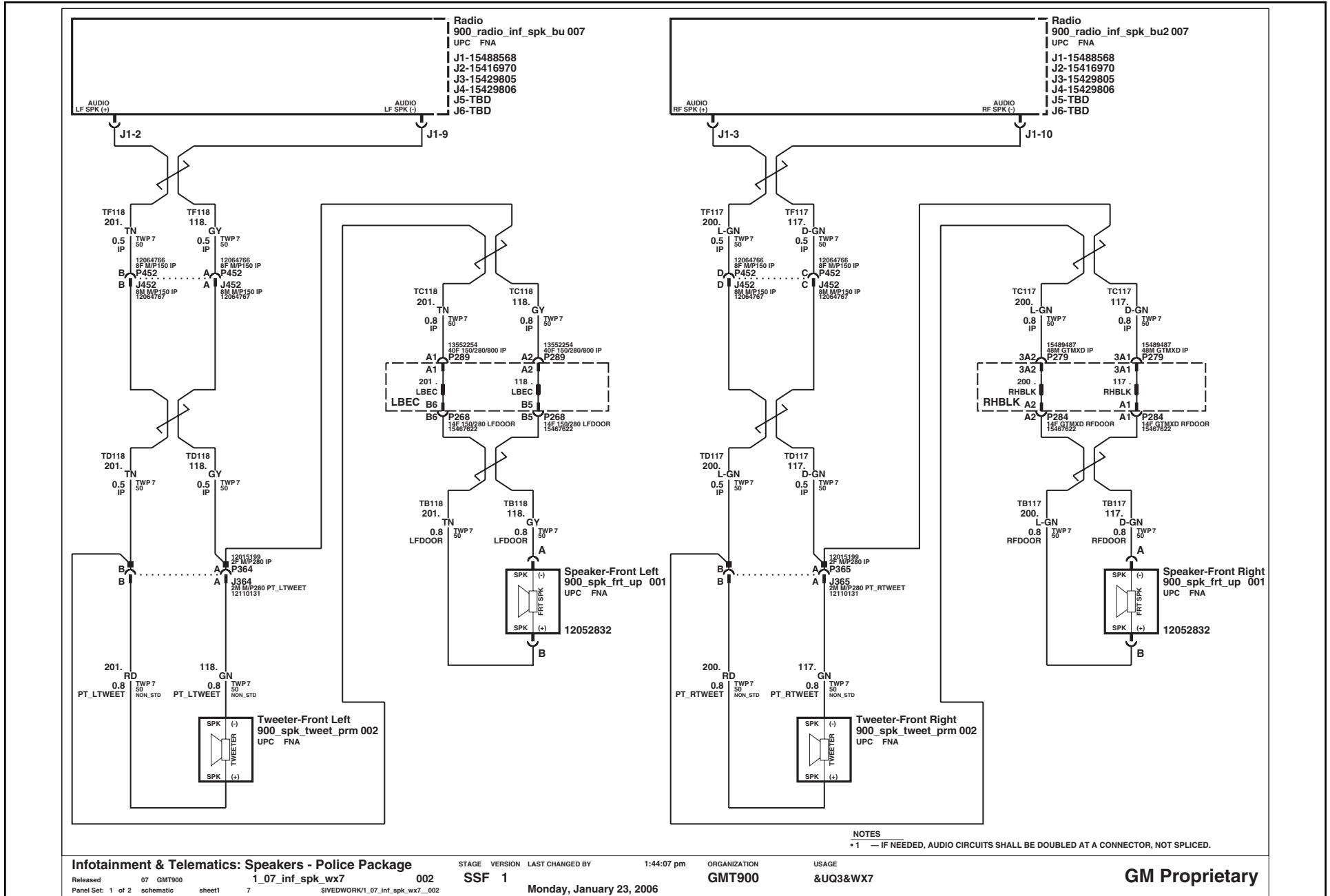
Released 07 GMT900 1\_07\_inf\_spk\_prm\_lux 013  
 Panel Set: 3 of 3 schematic sheet1 3 SIVEDWORK/1\_07\_inf\_spk\_prm\_lux\_013

STAGE VERSION LAST CHANGED BY 8:58:34 am ORGANIZATION USAGE  
 SSF 1 GMT900 &UQA/UQS&Y91  
 Friday, January 20, 2006

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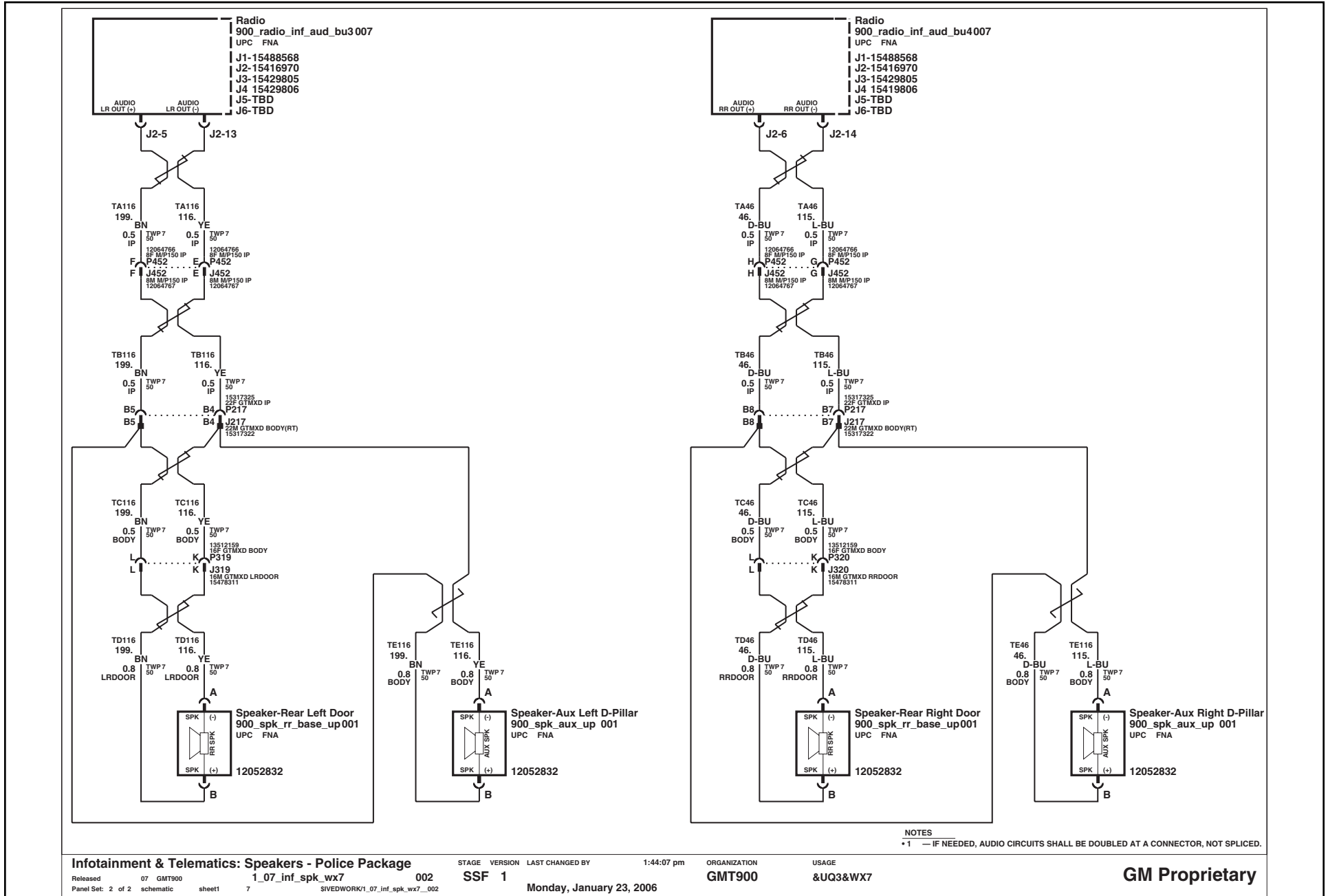
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Infotainment & Telematics: Speakers – Police Package

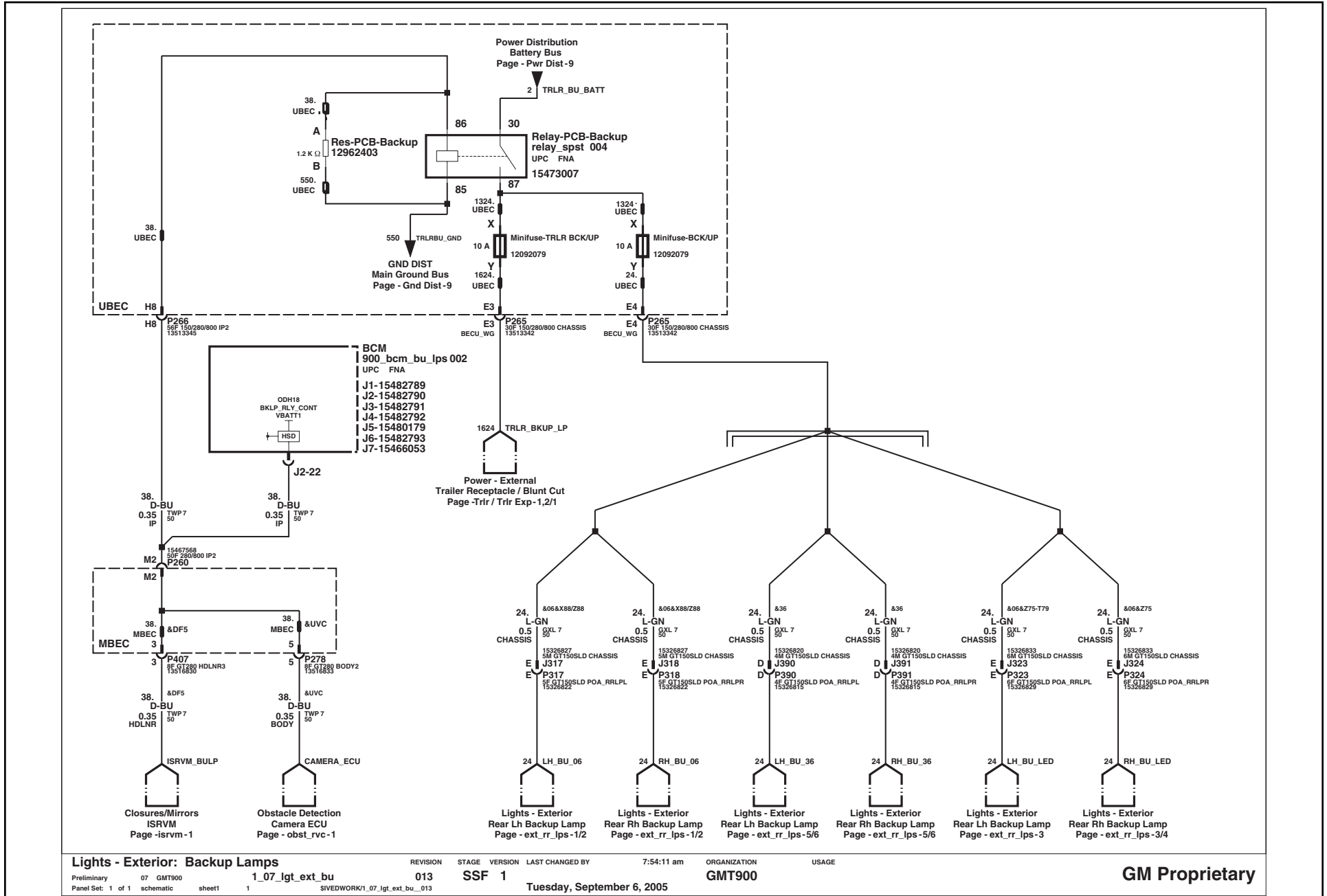


# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Infotainment & Telematics: Speakers - Police Package



## Lights – Exterior: Backup Lamps

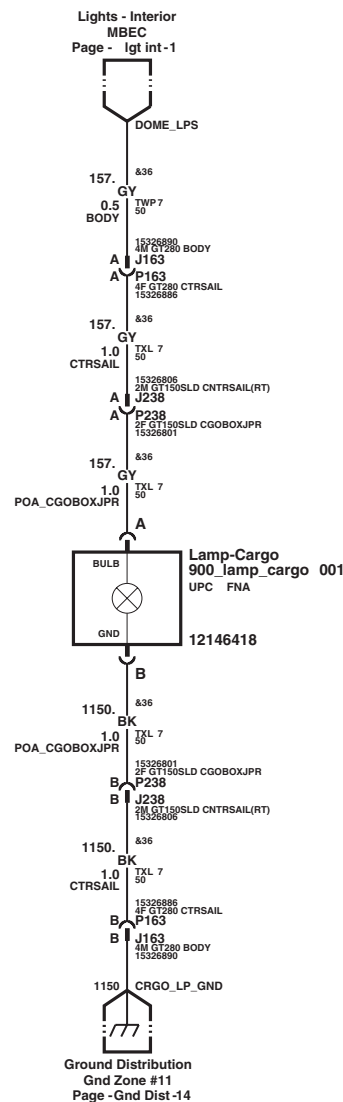


Lights - Exterior: Backup Lamps

Preliminary 07 GMT900 1\_07\_lgt\_ext\_bu 013 REVISION STAGE VERSION LAST CHANGED BY 7:54:11 am ORGANIZATION USAGE  
Panel Set: 1 of 1 schematic sheet 1 SIVWORK/1\_07\_lgt\_ext\_bu\_013 SSF 1 Tuesday, September 6, 2005 GMT900

GM Proprietary

## Lights – Exterior: Cargo Lamps



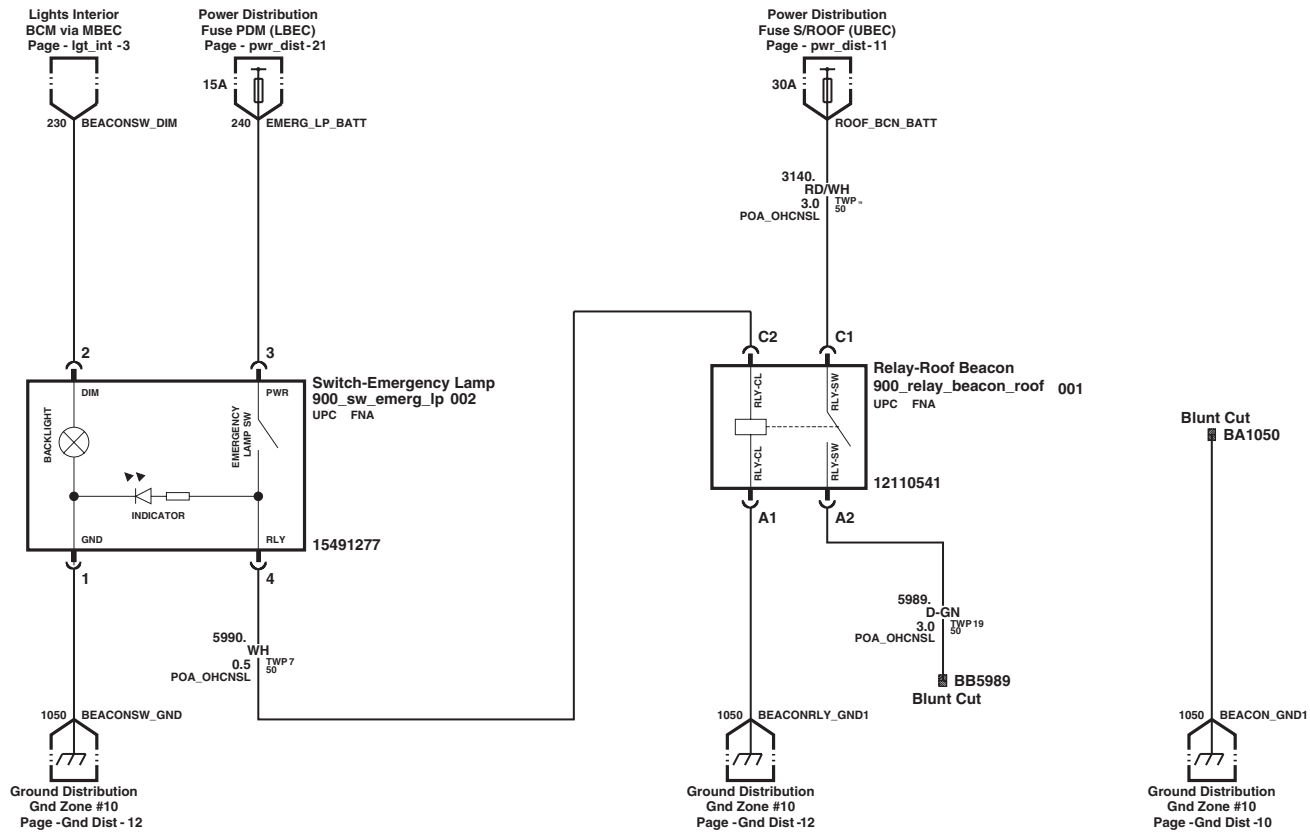
**Lights - Exterior: Cargo Lamps**

Preliminary	07 GMT900	1_07_lgt_ext_cargo	013	SSF 1	LAST CHANGED BY	7:54:21 am	ORGANIZATION	USAGE
Panel Set: 1 of 1	schematic	sheet1	1	SIVEDWORK/1_07_lgt_ext_cargo_013		Tuesday, September 6, 2005	GMT900	

**GM Proprietary**



## Lights – Exterior: Emergency Lamp



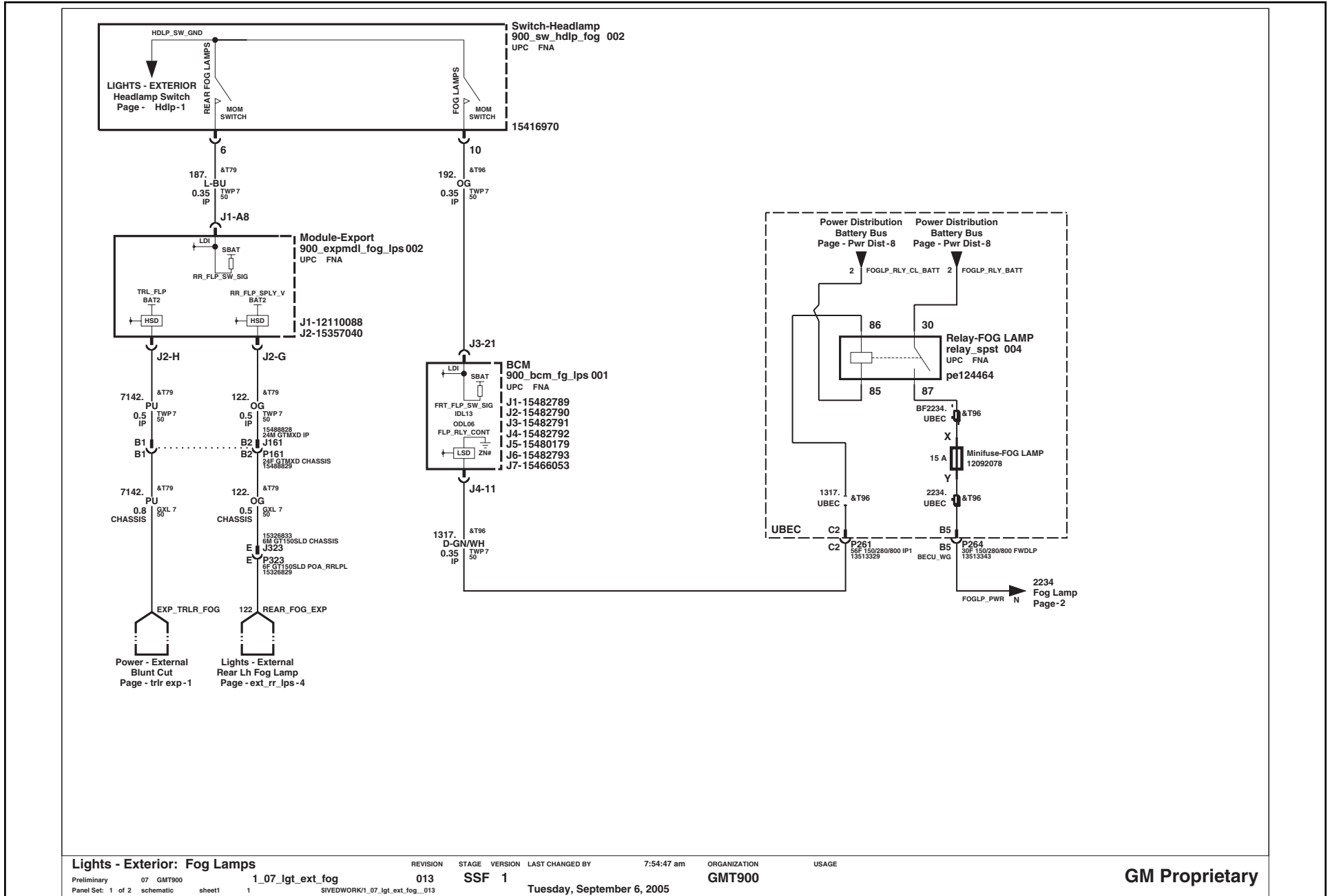
**Lights - Exterior: Emergency Lamp**

Preliminary 07 GMT900 1\_07\_lgt\_ext\_emer  
 Panel Set: 1 of 1 schematic sheet1 1 SIVEDWORK/1\_07\_lgt\_ext\_emer\_013

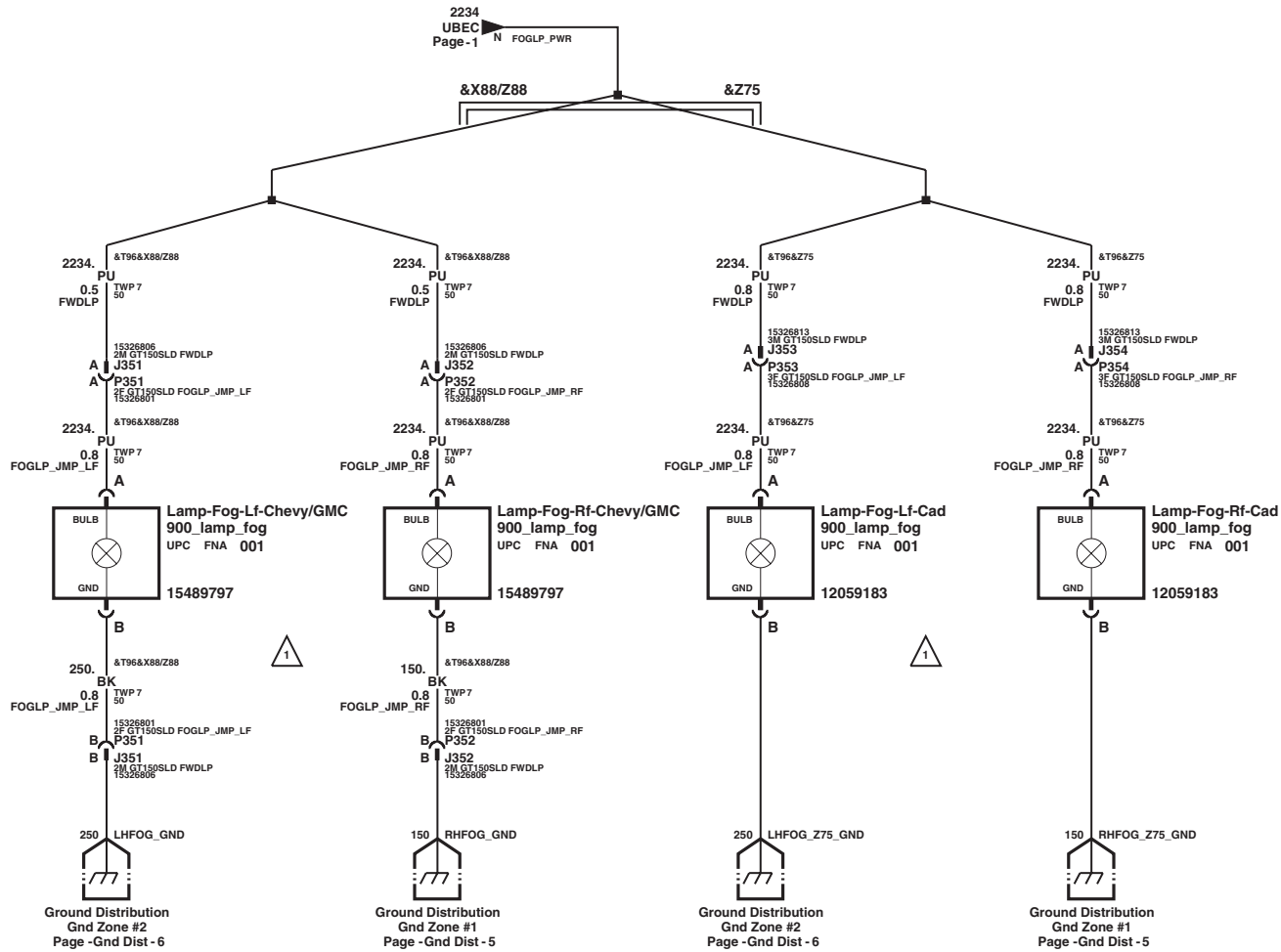
REVISION 013  
 STAGE SSF 1  
 VERSION 1  
 LAST CHANGED BY  
 7:54:33 am  
 ORGANIZATION GMT900  
 USAGE &TRW  
 Tuesday, September 6, 2005

**GM Proprietary**

## Lights – Exterior: Fog Lamps

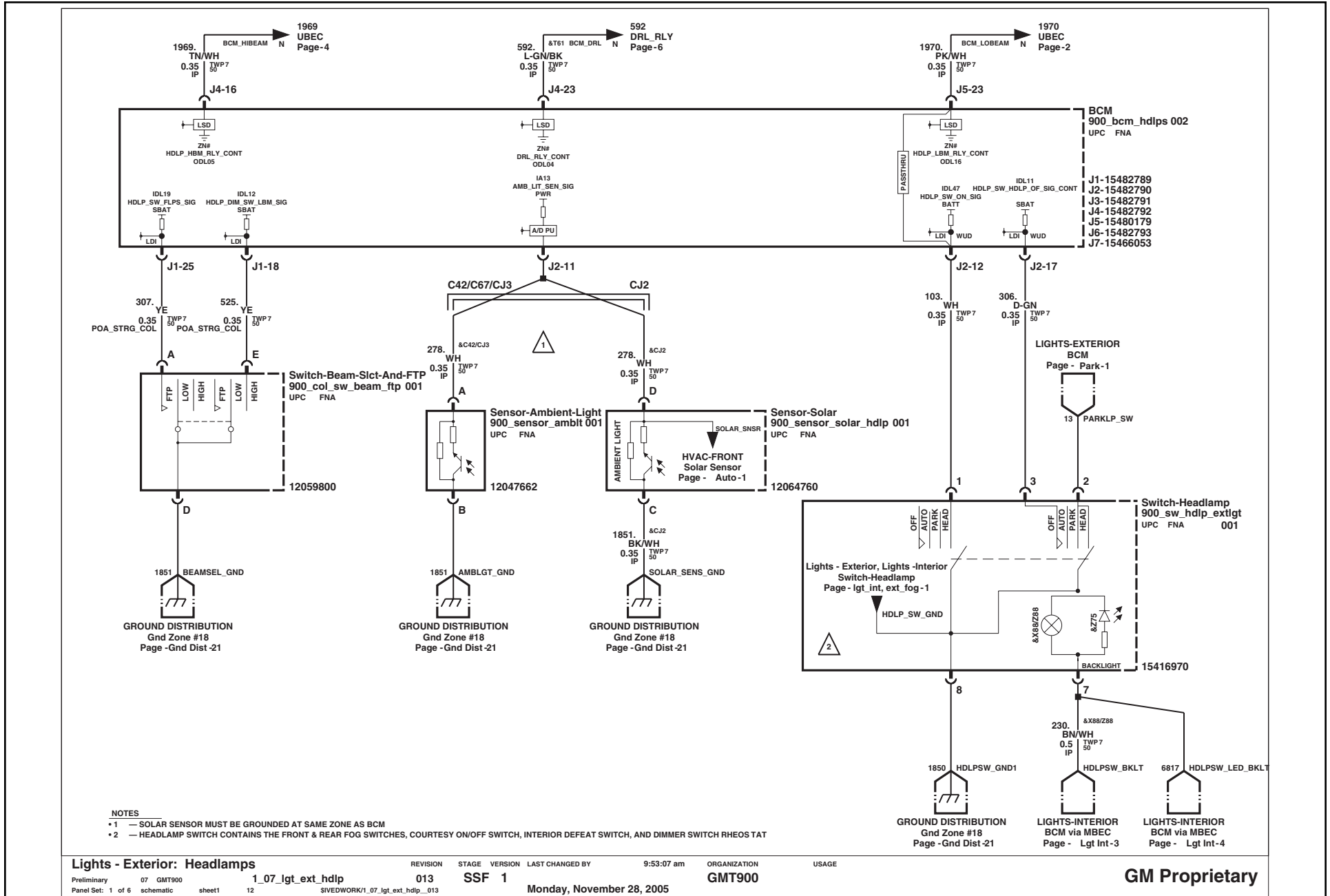


## Lights – Exterior: Fog Lamps

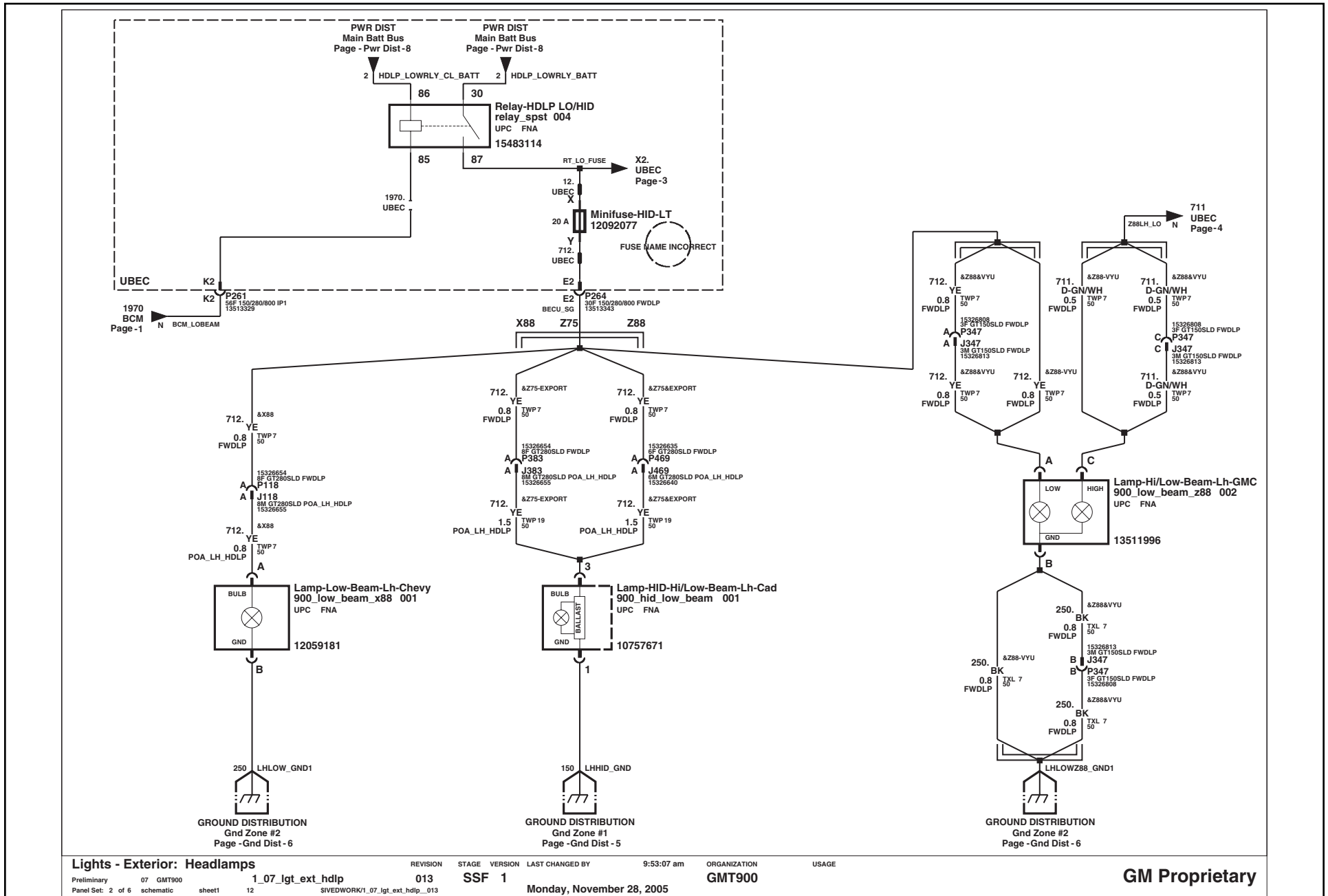


- NOTES
- 1 — FRONT FOG LAMPS WILL BE POA THE FRONT TURN LAMP ASSEMBLY FOR CADILLAC, STAND ALONE FOR CHEVY/GMC
  - 2 — FOG LAMP INDICATION LOCATED IN I/P CLUSTER
  - 3 — FRONT FOG LAMP SWITCH POA HEADLAMP SWITCH

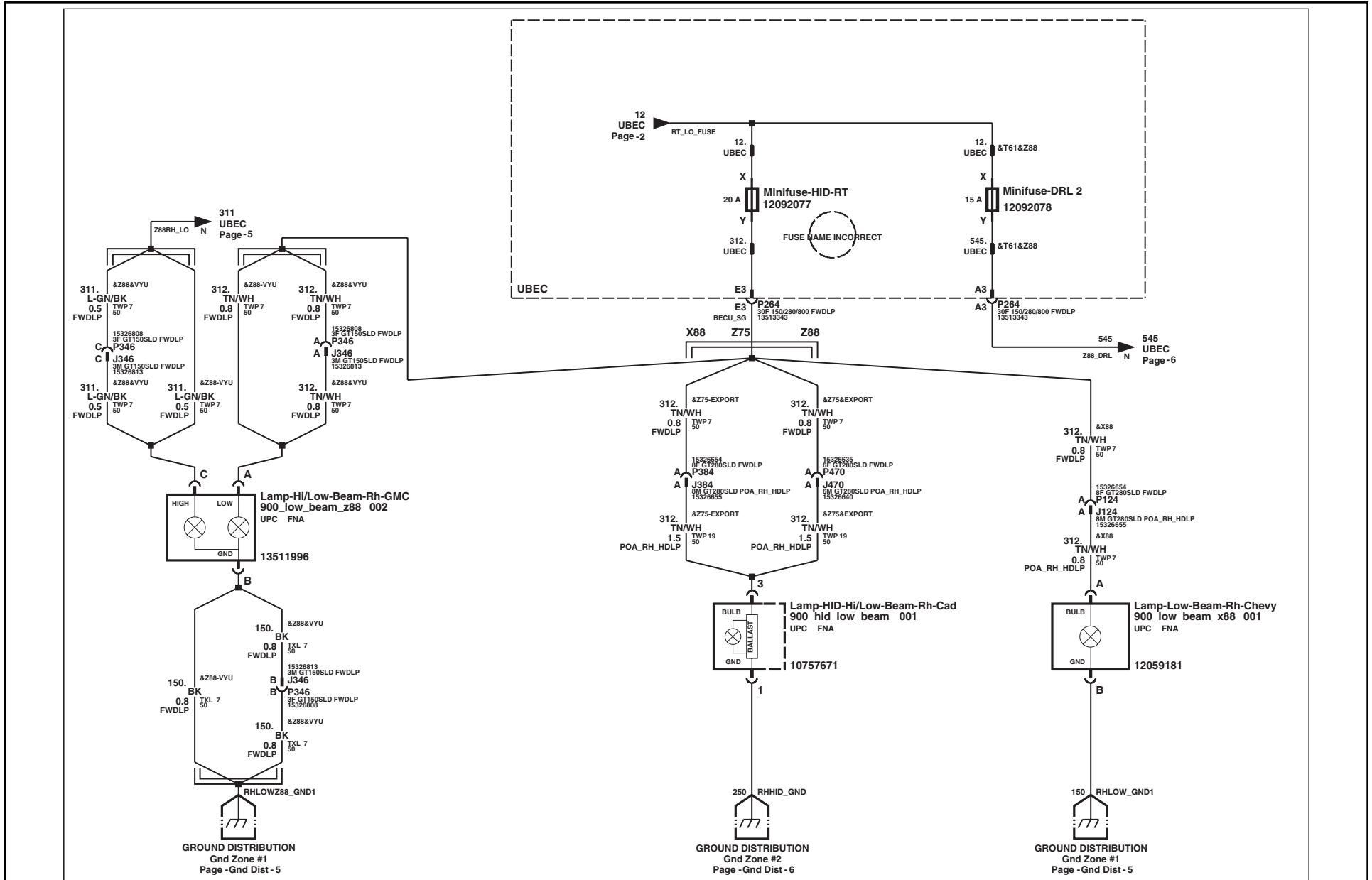
## Lights – Exterior: Headlamps



## Lights - Exterior: Headlamps



## Lights - Exterior: Headlamps



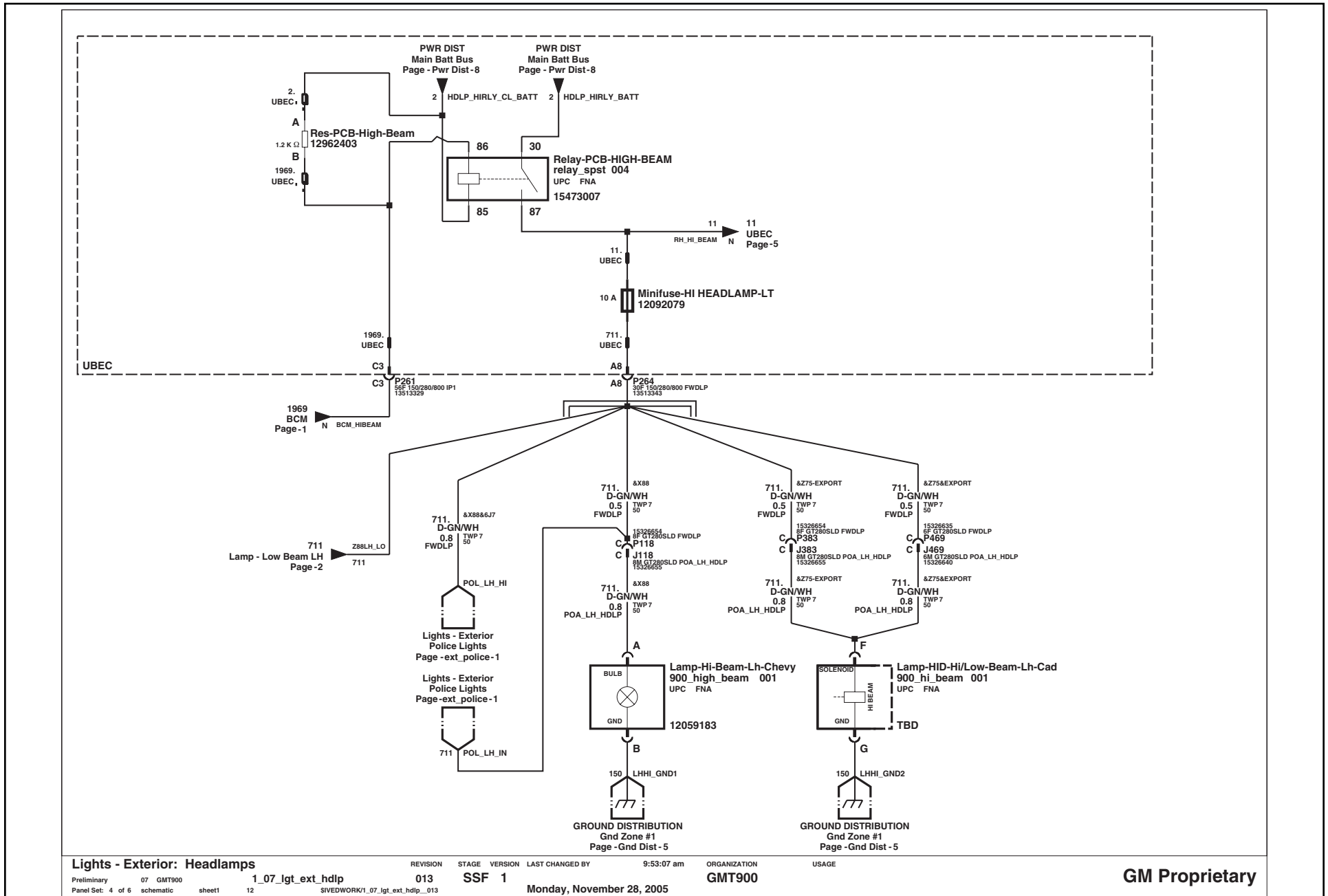
### Lights - Exterior: Headlamps

Preliminary 07 GMT900 1\_07\_lgt\_ext\_hdlp 013 REVISION STAGE VERSION LAST CHANGED BY 9:53:07 am ORGANIZATION USAGE  
 Panel Set: 3 of 6 schematic sheet1 12 SIVEDWORK\1\_07\_lgt\_ext\_hdlp\_013 SSF 1 Monday, November 28, 2005 GMT900

GM Proprietary

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Lights - Exterior: Headlamps



**Lights - Exterior: Headlamps**

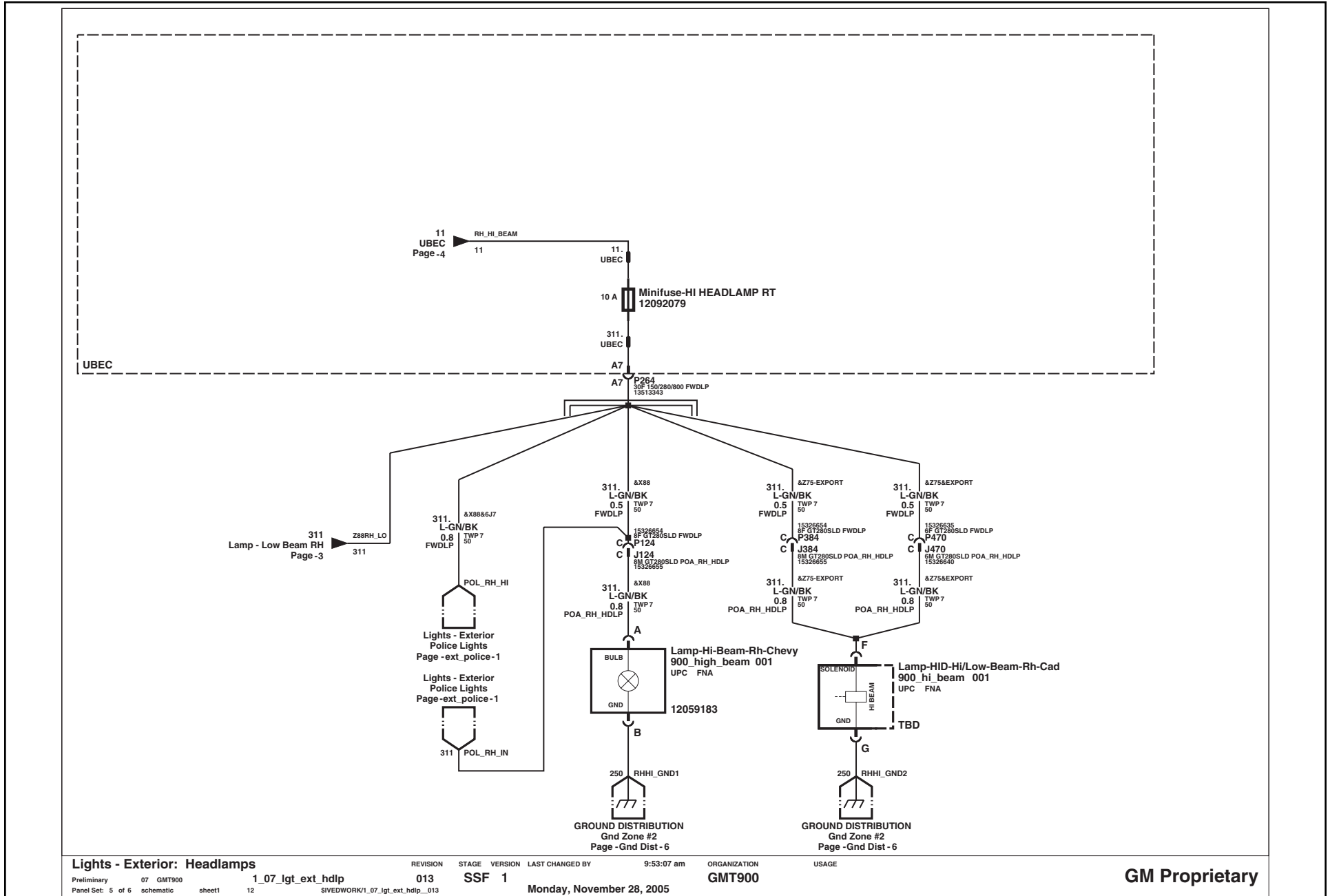
Preliminary 07 GMT900 1\_07\_lgt\_ext\_hdlp 013  
 Panel Set: 4 of 6 schematic sheet1 12 SIVWORK/1\_07\_lgt\_ext\_hdlp\_013

REVISION 013 STAGE SSF 1 VERSION 1 LAST CHANGED BY 9:53:07 am  
 Monday, November 28, 2005

ORGANIZATION GMT900 USAGE

GM Proprietary

## Lights - Exterior: Headlamps



**Lights - Exterior: Headlamps**

Preliminary 07 GMT900 1\_07\_lgt\_ext\_hdpl 013  
 Panel Set: 5 of 6 schematic sheet1 12 SIVEDWORK/1\_07\_lgt\_ext\_hdpl\_013

REVISION STAGE VERSION LAST CHANGED BY 9:53:07 am  
 013 SSF 1 Monday, November 28, 2005

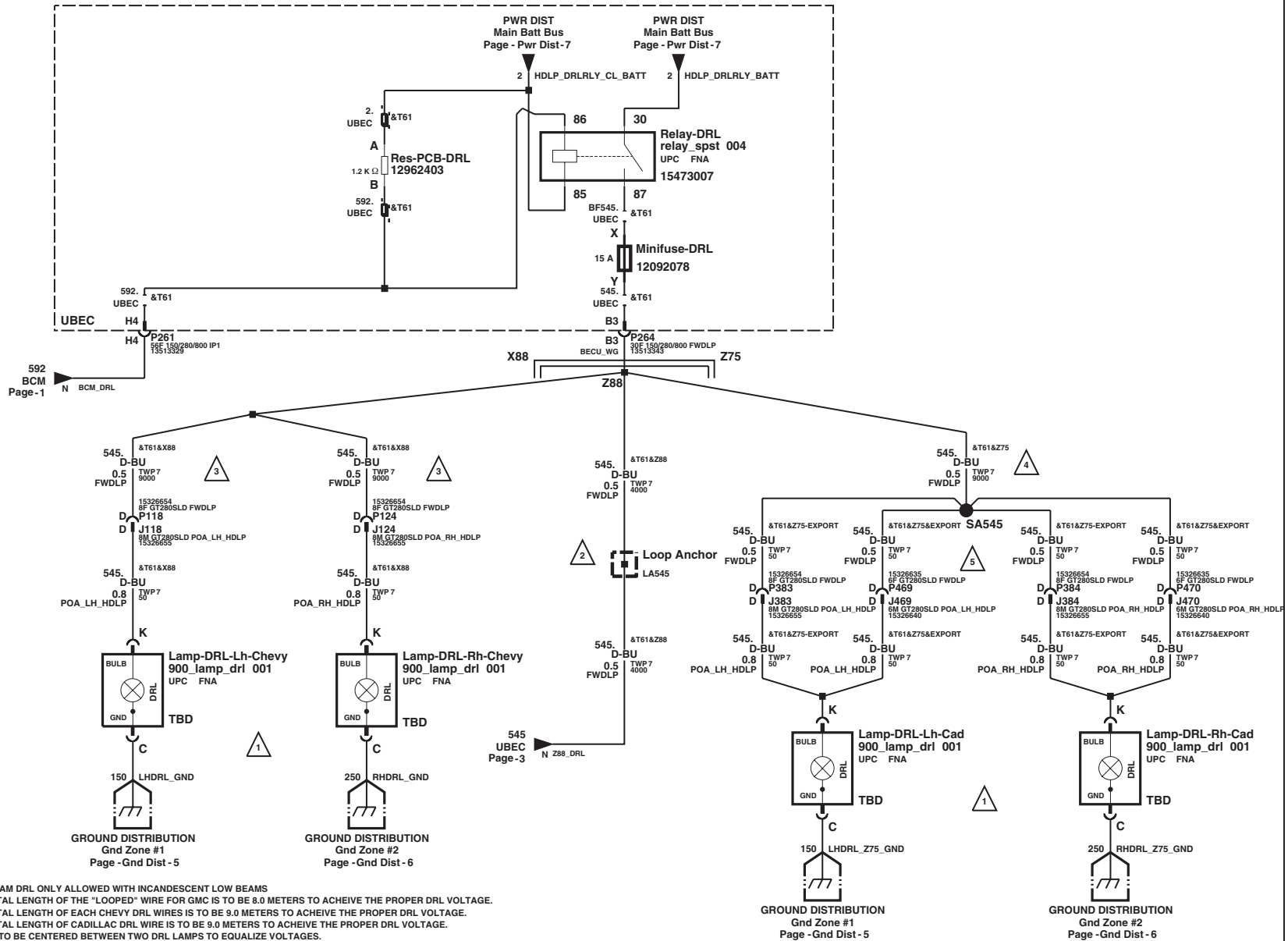
ORGANIZATION  
 GMT900

USAGE

GM Proprietary



## Lights – Exterior: Headlamps



**NOTES**

- \* 1 — LOW BEAM DRL ONLY ALLOWED WITH INCANDESCENT LOW BEAMS
- \* 2 — THE TOTAL LENGTH OF THE "LOOPED" WIRE FOR GMC IS TO BE 8.0 METERS TO ACHIEVE THE PROPER DRL VOLTAGE.
- \* 3 — THE TOTAL LENGTH OF EACH CHEVY DRL WIRES IS TO BE 9.0 METERS TO ACHIEVE THE PROPER DRL VOLTAGE.
- \* 4 — THE TOTAL LENGTH OF CADILLAC DRL WIRE IS TO BE 9.0 METERS TO ACHIEVE THE PROPER DRL VOLTAGE.
- \* 5 — SPLICE TO BE CENTERED BETWEEN TWO DRL LAMPS TO EQUALIZE VOLTAGES.

**Lights - Exterior: Headlamps**

Preliminary 07 GMT900 1\_07\_lgt\_ext\_hdlp 013  
 Panel Set: 6 of 6 schematic sheet1 12 SIVEDWORK/1\_07\_lgt\_ext\_hdlp\_013

REVISION 013  
 STAGE SSF 1  
 VERSION 1

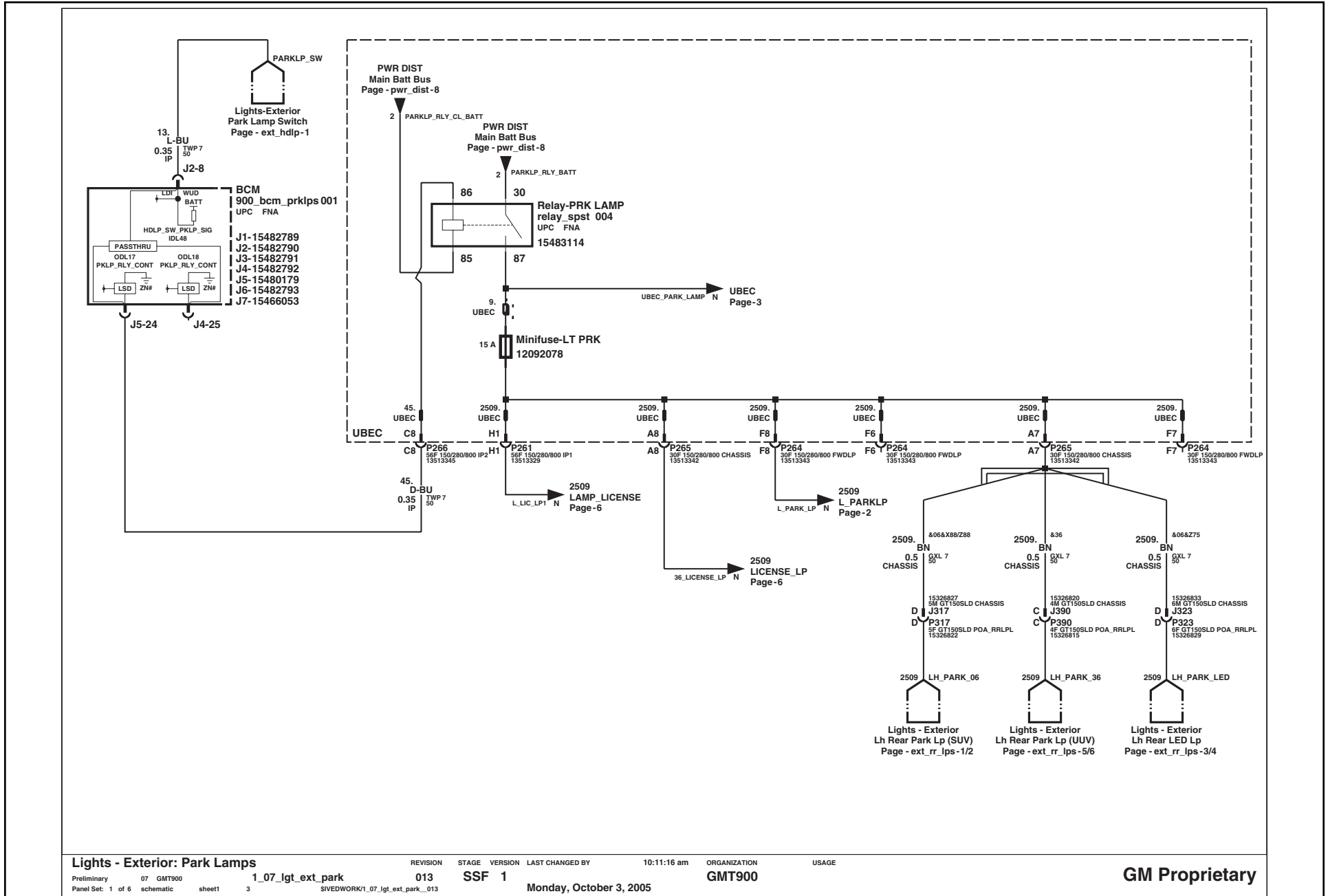
LAST CHANGED BY 9:53:07 am  
 Monday, November 28, 2005

ORGANIZATION GMT900

USAGE

**GM Proprietary**

## Lights - Exterior: Park Lamps

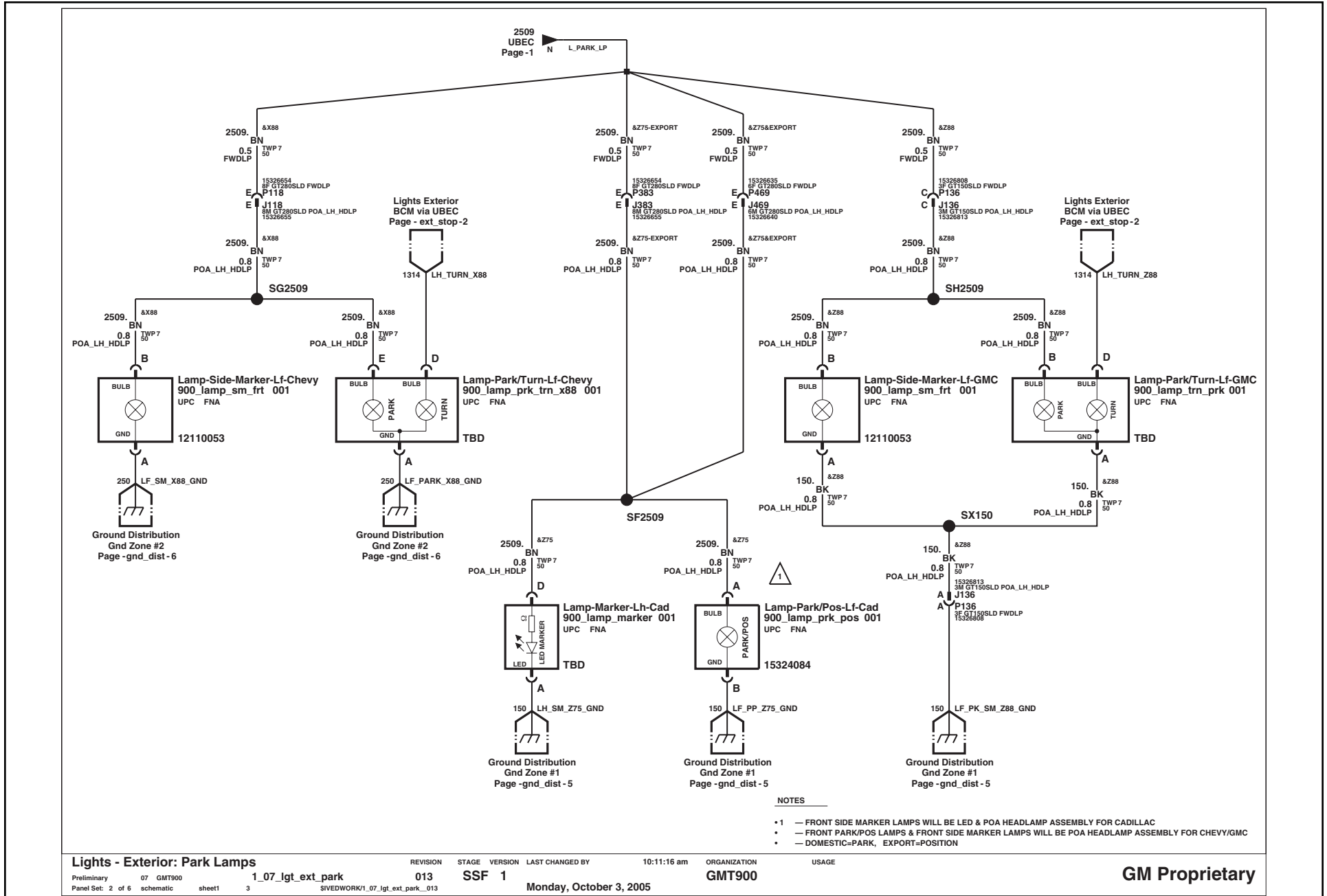


**Lights - Exterior: Park Lamps**

Preliminary 07 GMT900 1\_07\_lgt\_ext\_park 013 REVISION STAGE VERSION LAST CHANGED BY 10:11:16 am ORGANIZATION USAGE  
 Panel Set: 1 of 6 schematic sheet1 3 SIVEDWORK\1\_07\_lgt\_ext\_park\_013 SSF 1 Monday, October 3, 2005 GMT900

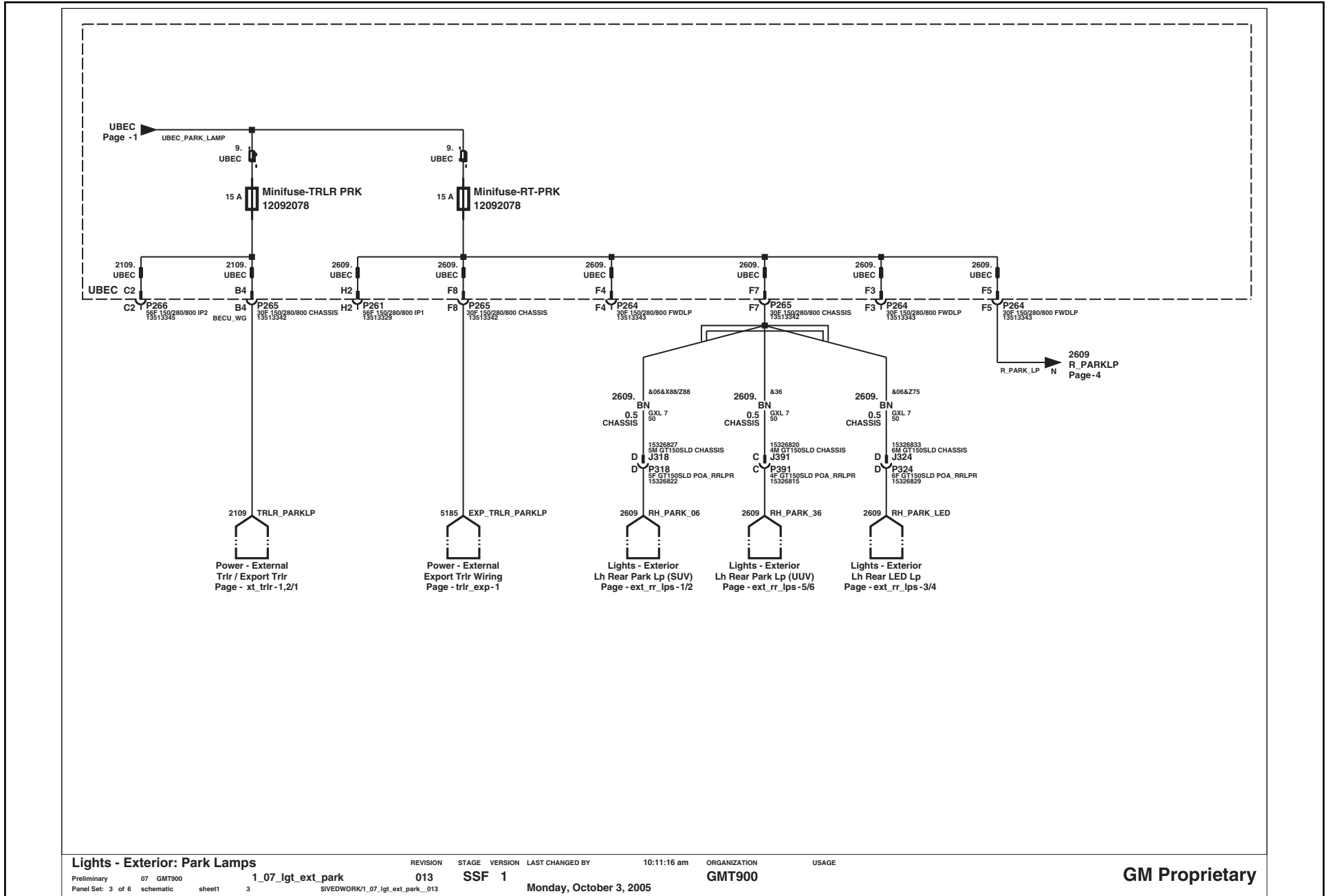
**GM Proprietary**

## Lights – Exterior: Park Lamps

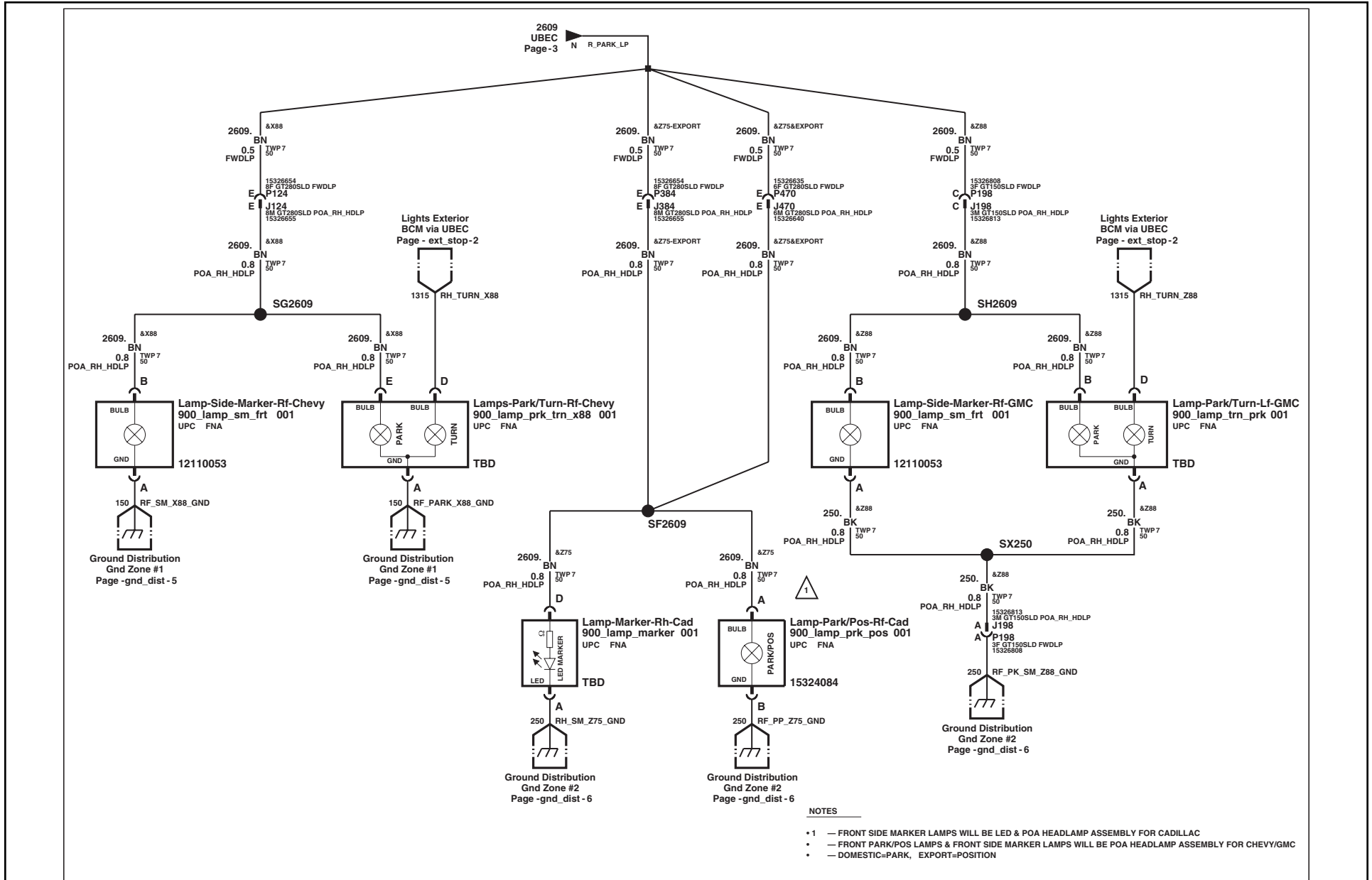


GM Proprietary

## Lights - Exterior: Park Lamps



## Lights - Exterior: Park Lamps

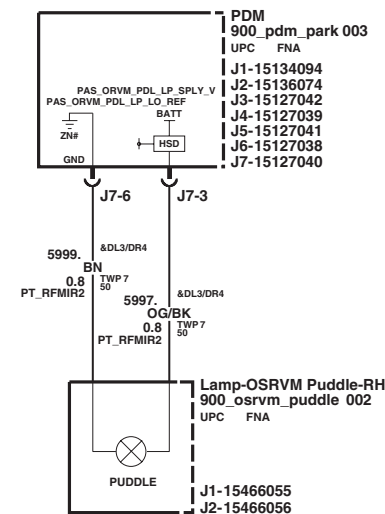
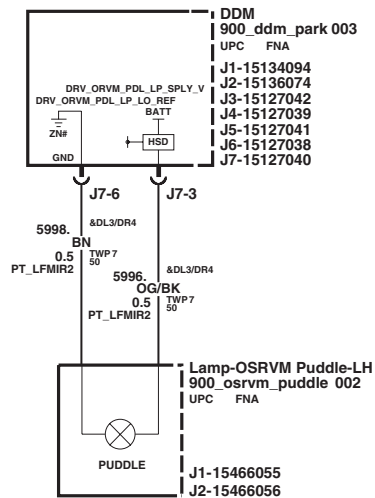


- NOTES
- 1 — FRONT SIDE MARKER LAMPS WILL BE LED & POA HEADLAMP ASSEMBLY FOR CADILLAC
  - — FRONT PARK/POS LAMPS & FRONT SIDE MARKER LAMPS WILL BE POA HEADLAMP ASSEMBLY FOR CHEVY/GMC
  - — DOMESTIC-PARK, EXPORT-POSITION

<b>Lights - Exterior: Park Lamps</b>		REVISION	STAGE	VERSION	LAST CHANGED BY	10:11:16 am	ORGANIZATION	USAGE
Preliminary	07 GMT900	1_07_lgt_ext_park	013	SSF	1	Monday, October 3, 2005	GMT900	
Panel Set: 4 of 6	schematic	sheet1	3	SIVEDWORK/1_07_lgt_ext_park_013				

GM Proprietary

## Lights - Exterior: Park Lamps

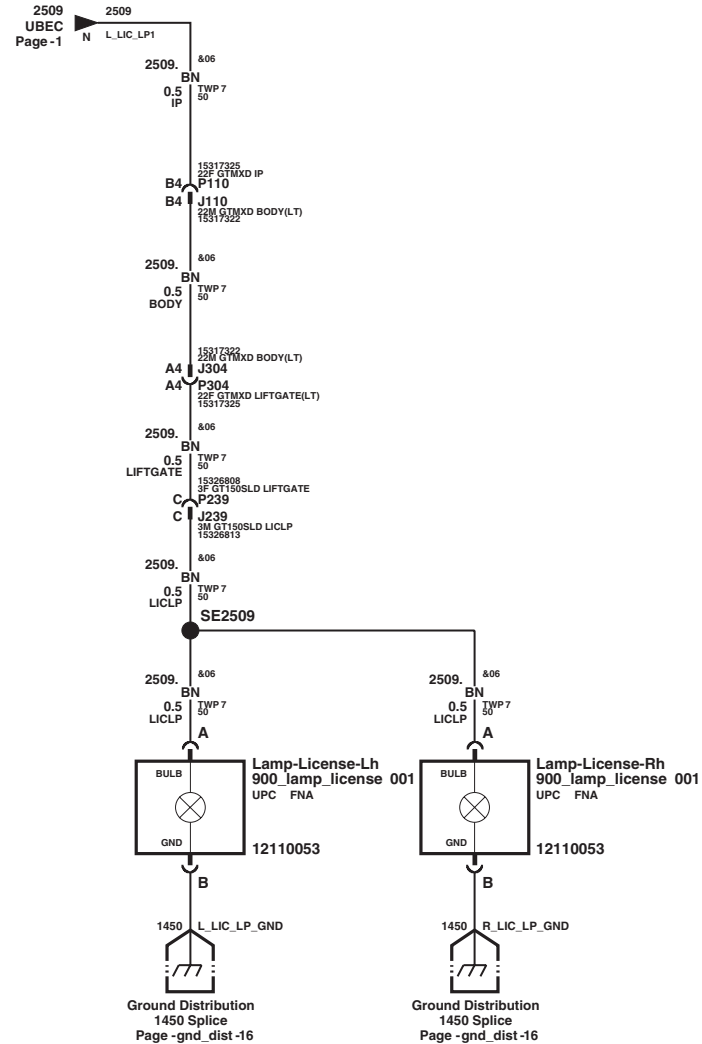
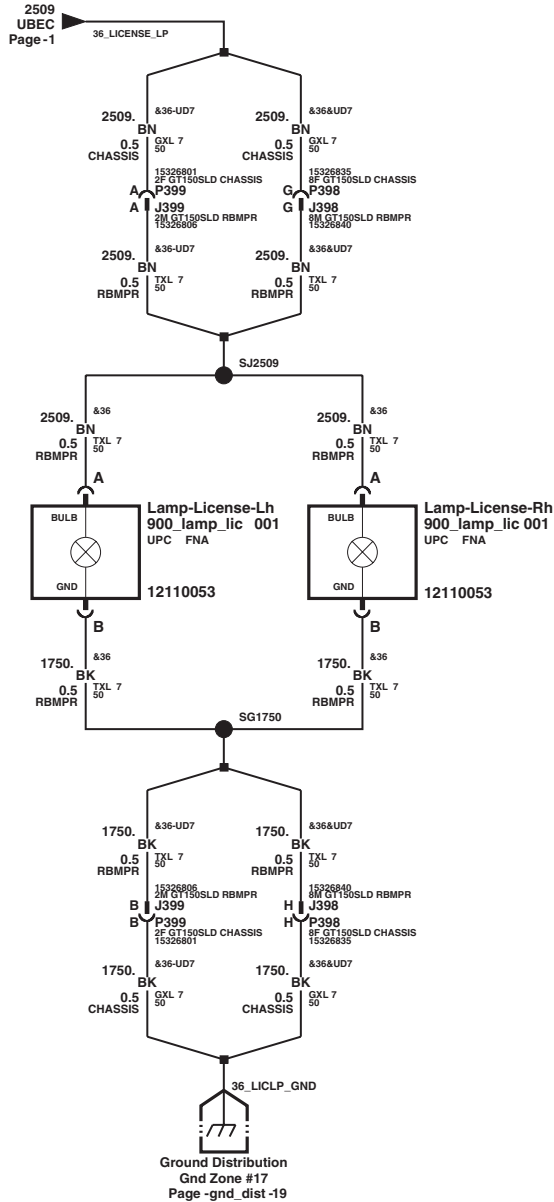


**Lights - Exterior: Park Lamps**

Preliminary 07 GMT900 1\_07\_lgt\_ext\_park 013 SSF 1 LAST CHANGED BY 10:11:16 am ORGANIZATION GMT900 USAGE  
 Panel Set: 5 of 6 schematic sheet1 3 SIVEDWORK/1\_07\_lgt\_ext\_park\_013 Monday, October 3, 2005

**GM Proprietary**

## Lights – Exterior: Park Lamps



NOTES  
 • 4 — STOP LAMP ILLUMINATION IS CONTROLLED BY THE BASS SENSOR SHOWN IN THE BRAKES SUBSYSTEM

### Lights - Exterior: Park Lamps

Preliminary 07 GMT900 1\_07\_lgt\_ext\_park 013  
 Panel Set: 6 of 6 schematic sheet1 3 SIVEDWORK/1\_07\_lgt\_ext\_park\_013

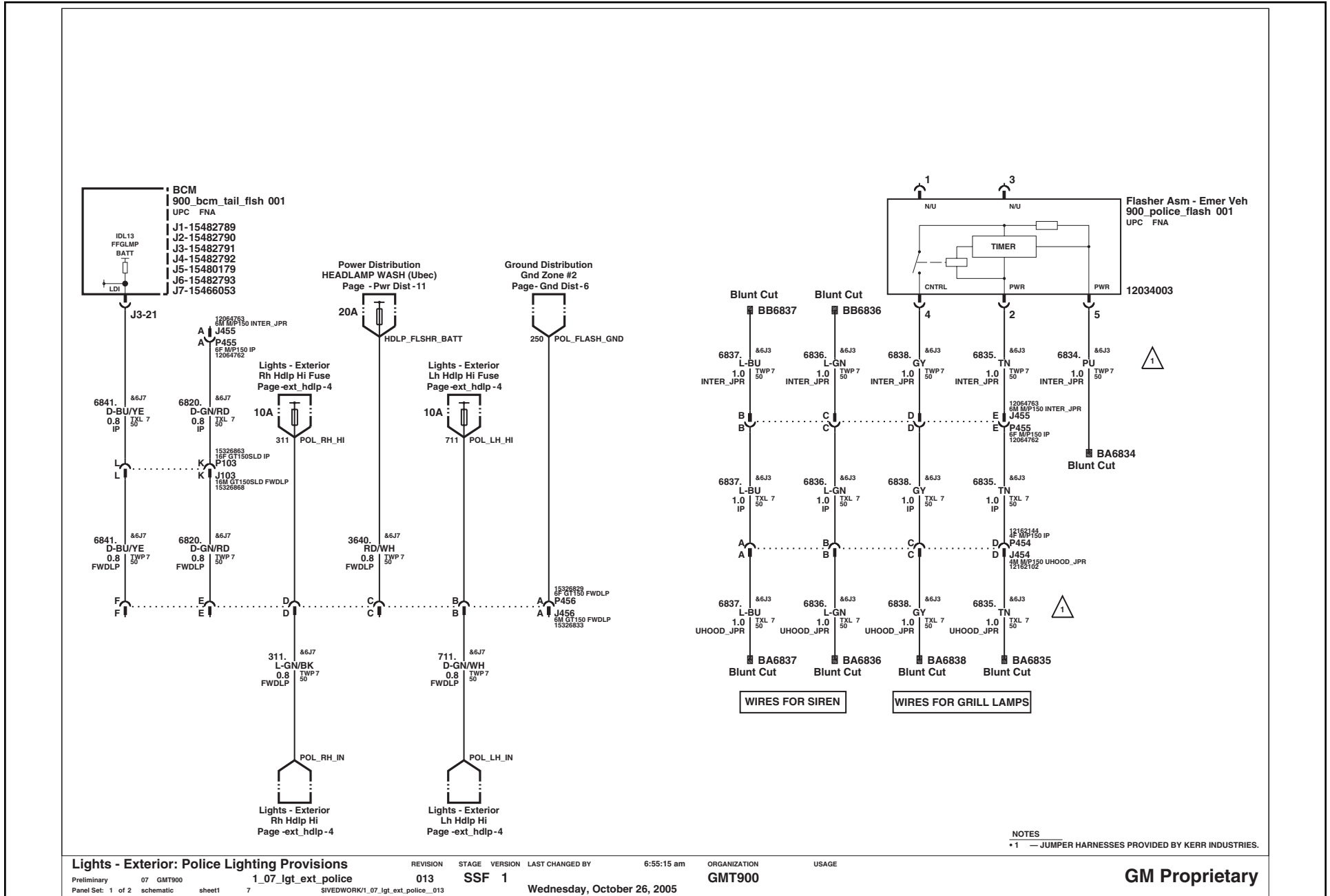
REVISION STAGE VERSION LAST CHANGED BY 10:11:16 am ORGANIZATION  
 SSF 1 GMT900  
 Monday, October 3, 2005

USAGE

GM Proprietary

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Lights - Exterior: Police Lighting Provisions



**Lights - Exterior: Police Lighting Provisions**

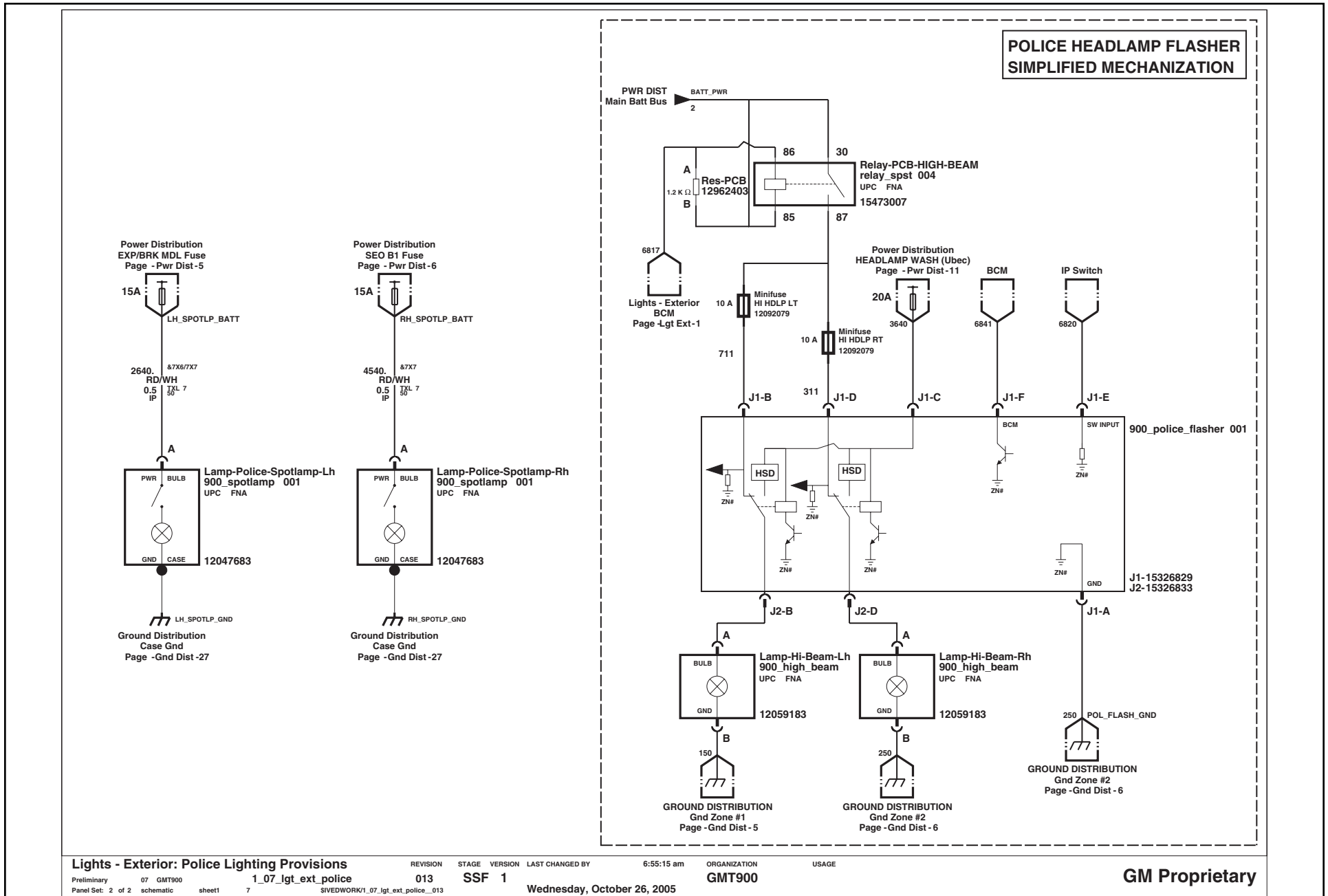
Preliminary 07 GMT900 1\_07\_lgt\_ext\_police  
Panel Set: 1 of 2 schematic sheet1 7 SIVEDWORK/1\_07\_lgt\_ext\_police\_013

REVISION 013 STAGE VERSION 1 LAST CHANGED BY 6:55:15 am ORGANIZATION GMT900 USAGE  
Wednesday, October 26, 2005

**GM Proprietary**



## Lights – Exterior: Police Lighting Provisions

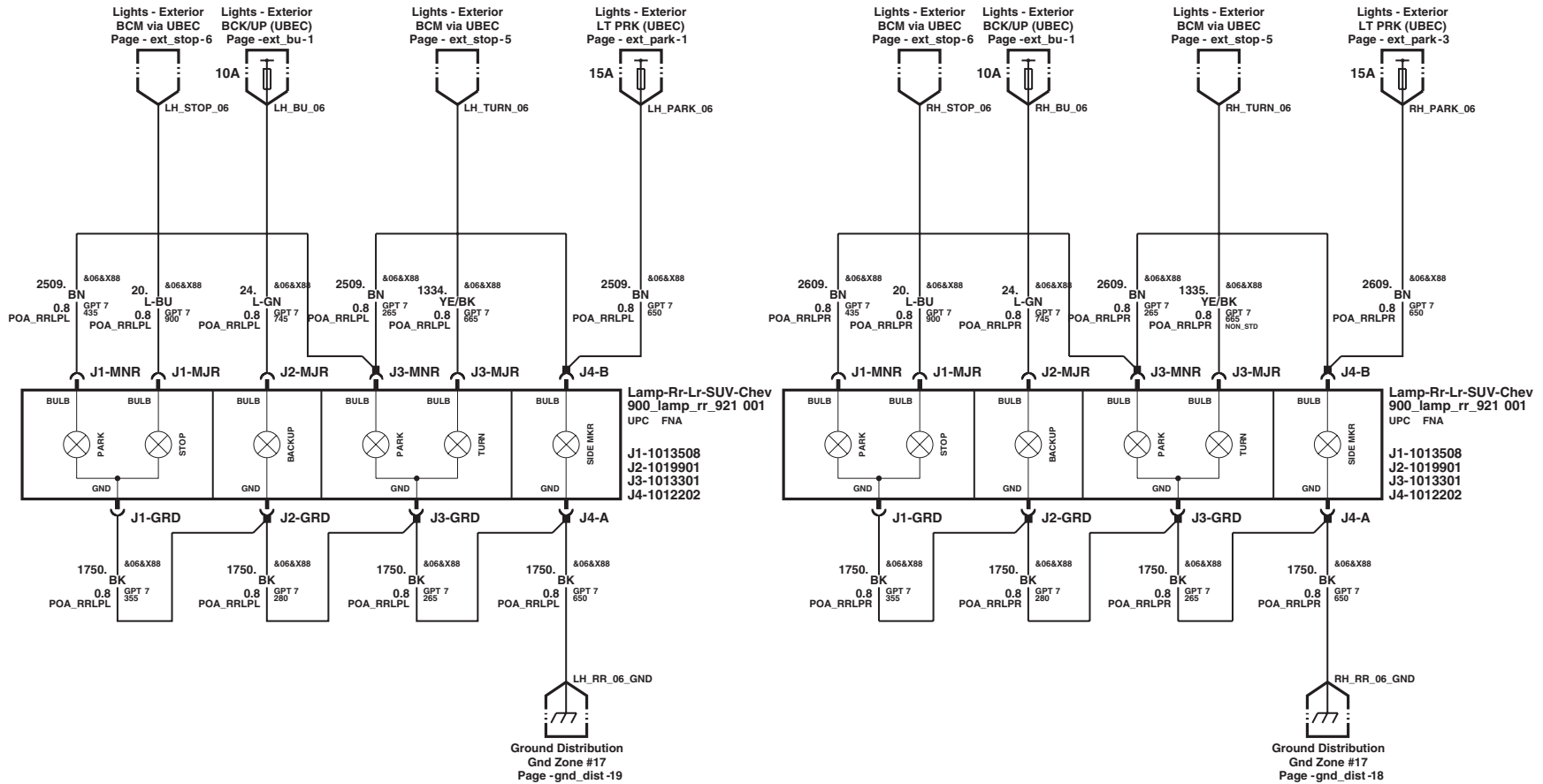


GM Proprietary

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Lights - Exterior: Rear Lamps Asm

### REAR LAMPS - SUV CHEVY



### Lights - Exterior: Rear Lamps Asm

Preliminary 07 GMT900 1\_07\_lgt\_ext\_rr\_lps 013  
 Panel Set: 1 of 6 schematic sheet1 1 SIVWORK\1\_07\_lgt\_ext\_rr\_lps\_013

REVISION STAGE VERSION LAST CHANGED BY 7:56:01 am ORGANIZATION USAGE  
 SSF 1 GMT900

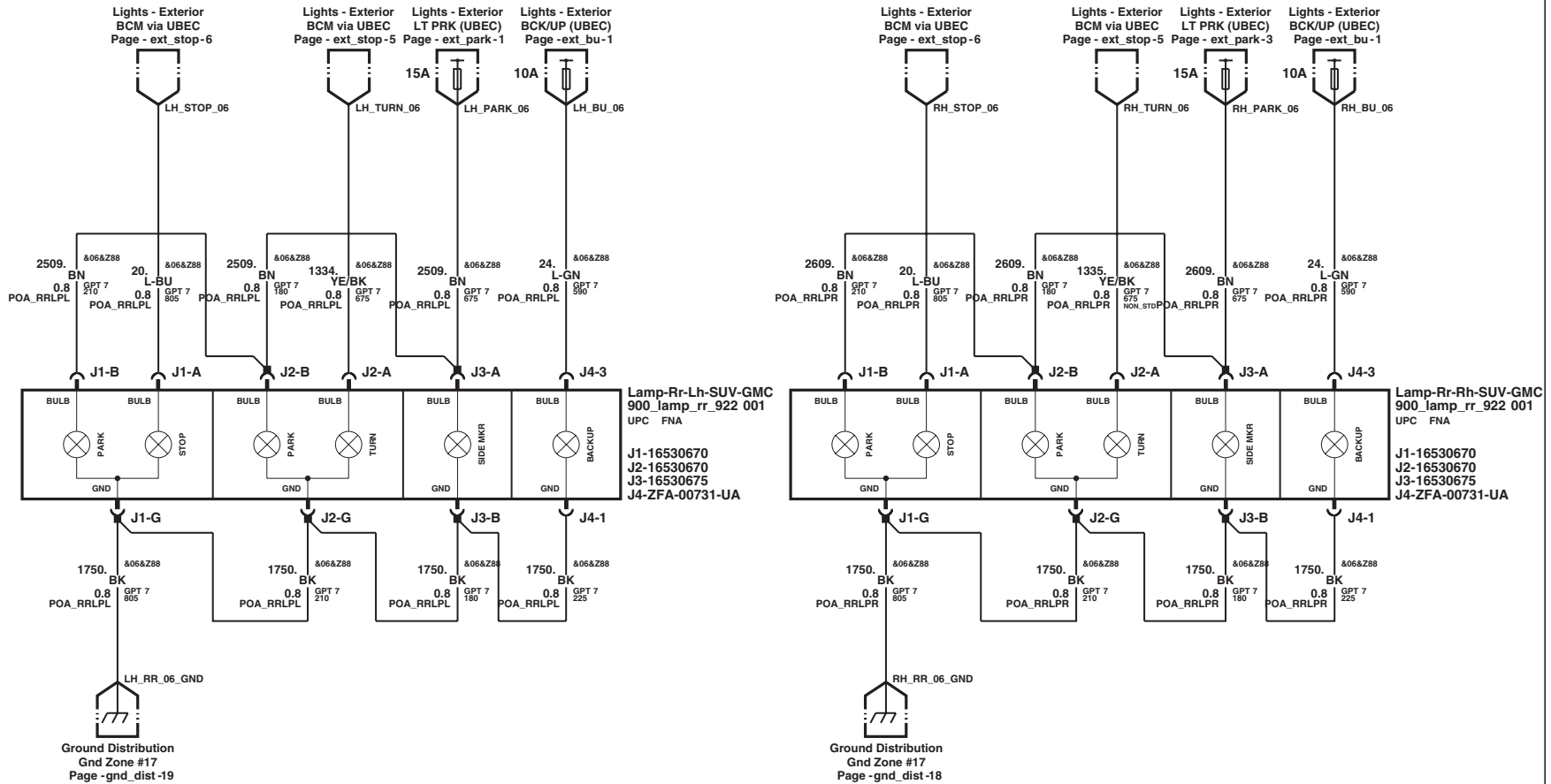
Tuesday, September 6, 2005

GM Proprietary

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Lights - Exterior: Rear Lamps Asm

### REAR LAMPS - SUV GMC



### Lights - Exterior: Rear Lamps Asm

Preliminary 07 GMT900 1\_07\_lgt\_ext\_rr\_lps 013  
 Panel Set: 2 of 6 schematic sheet1 1 SIVEDWORK/1\_07\_lgt\_ext\_rr\_lps\_013

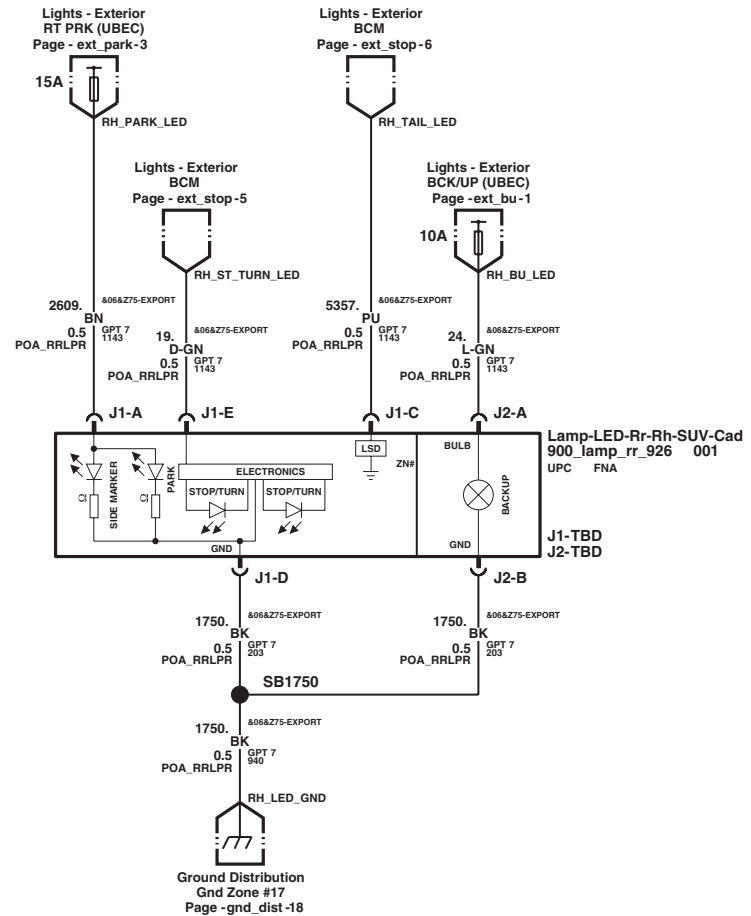
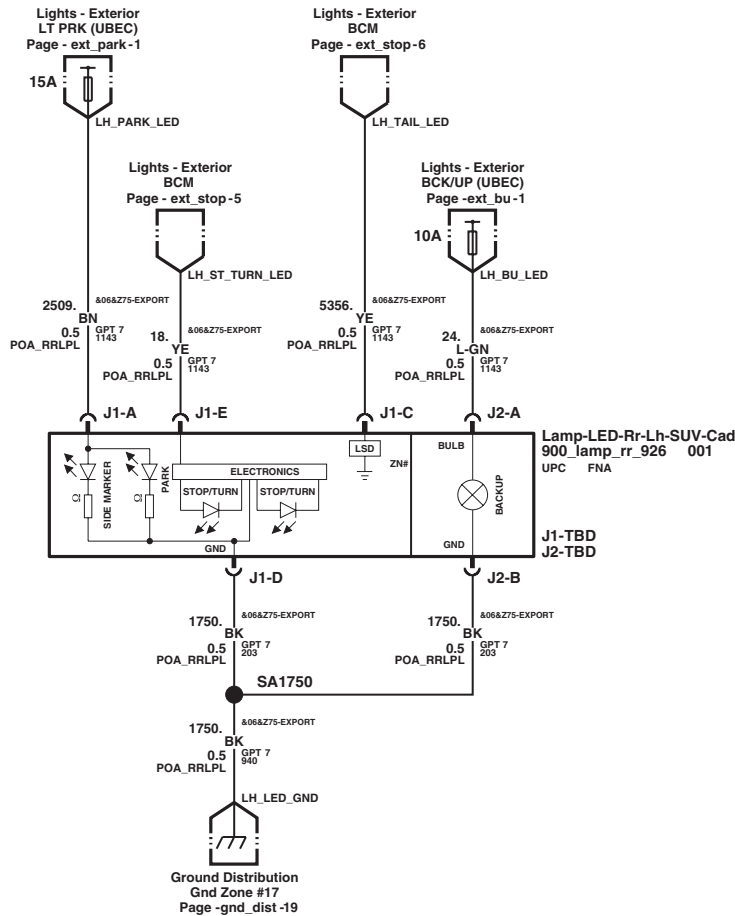
REVISION STAGE VERSION LAST CHANGED BY 7:56:01 am ORGANIZATION USAGE  
 013 SSF 1 GMT900

Tuesday, September 6, 2005

GM Proprietary

## Lights – Exterior: Rear Lamps Asm

### REAR LAMPS - SUV CADILLAC - DOMESTIC



**Lights - Exterior: Rear Lamps Asm**

Preliminary 07 GMT900 1\_07\_lgt\_ext\_rr\_lps 013  
Panel Set: 3 of 6 schematic sheet1 1 SIVEDWORK/1\_07\_lgt\_ext\_rr\_lps\_013

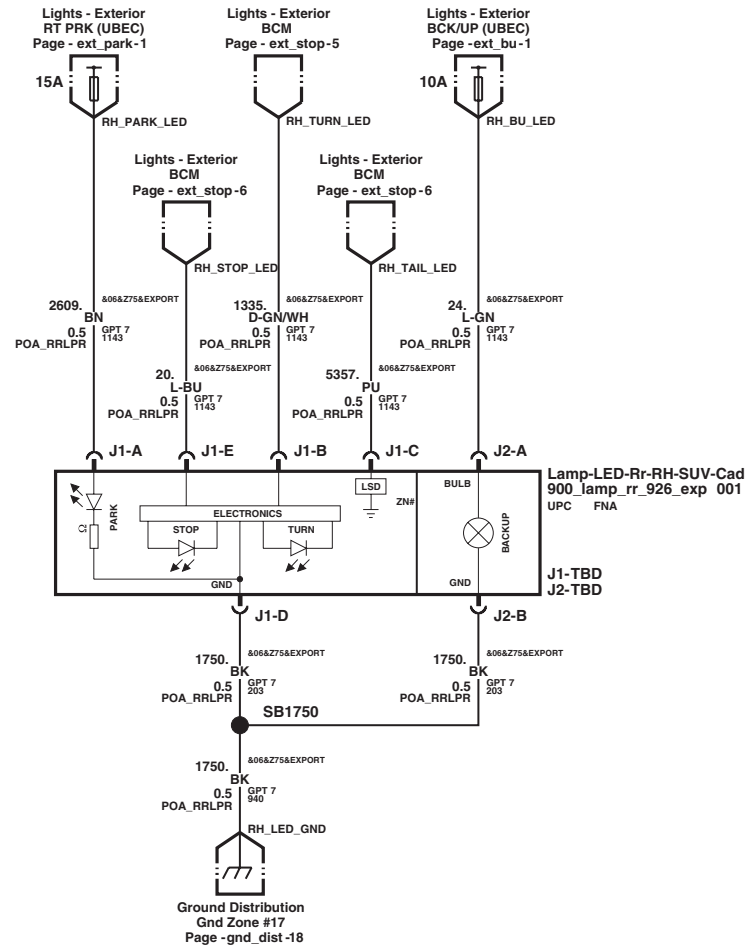
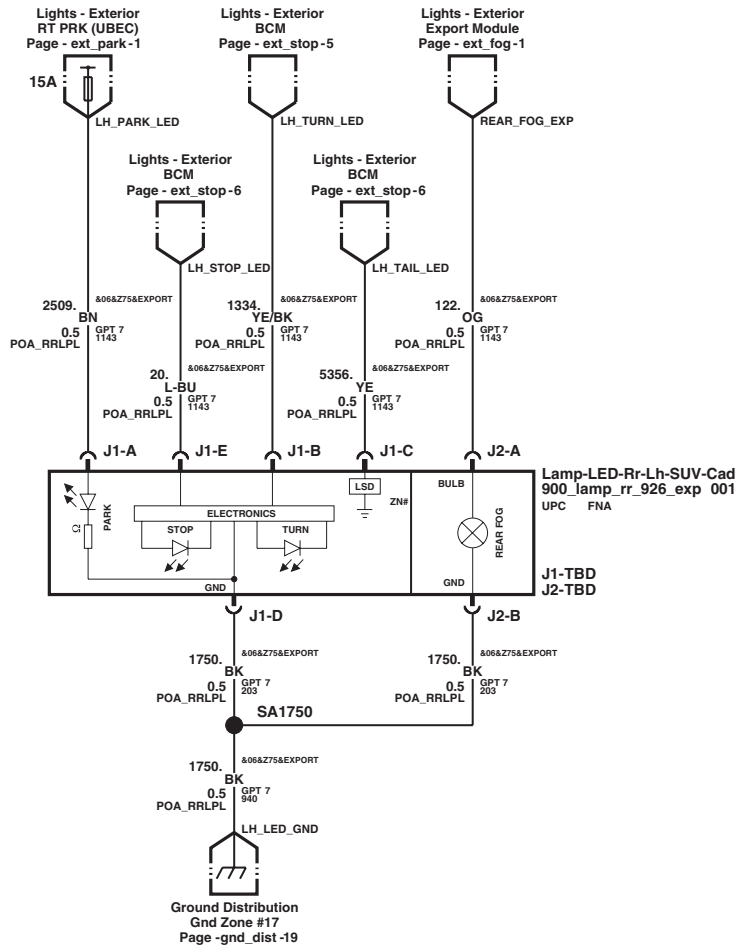
REVISION STAGE VERSION LAST CHANGED BY 7:56:01 am ORGANIZATION USAGE  
013 SSF 1 GMT900

Tuesday, September 6, 2005

**GM Proprietary**

## Lights – Exterior: Rear Lamps Asm

### REAR LAMPS - SUV CADILLAC - EXPORT EUROPEAN



**Lights - Exterior: Rear Lamps Asm**

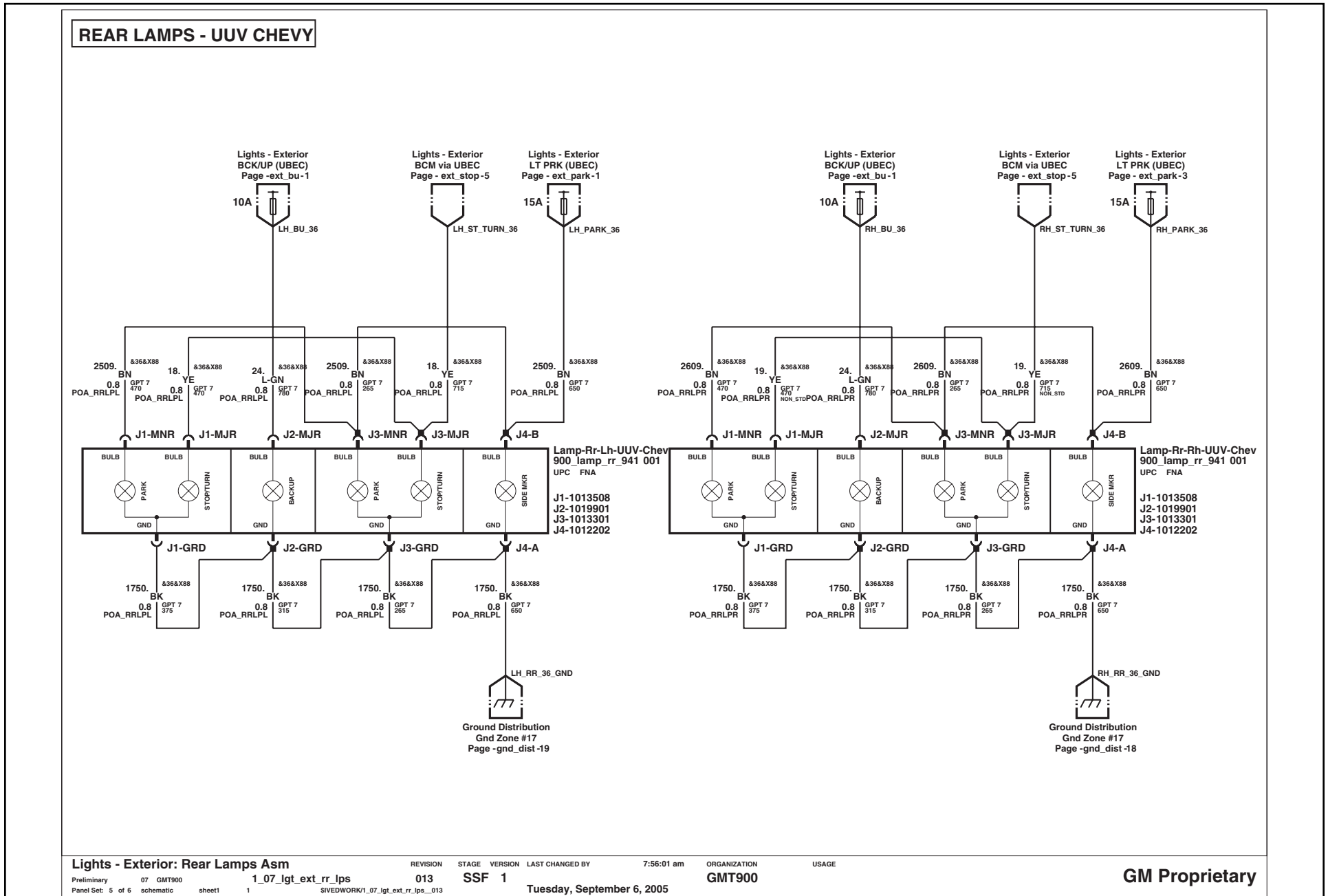
Preliminary 07 GMT900 1\_07\_lgt\_ext\_rr\_lps  
Panel Set: 4 of 6 schematic sheet1 1 SIVEDWORK/1\_07\_lgt\_ext\_rr\_lps\_013

REVISION 013 STAGE SSF 1 VERSION 1 LAST CHANGED BY 7:56:01 am ORGANIZATION GMT900 USAGE

Tuesday, September 6, 2005

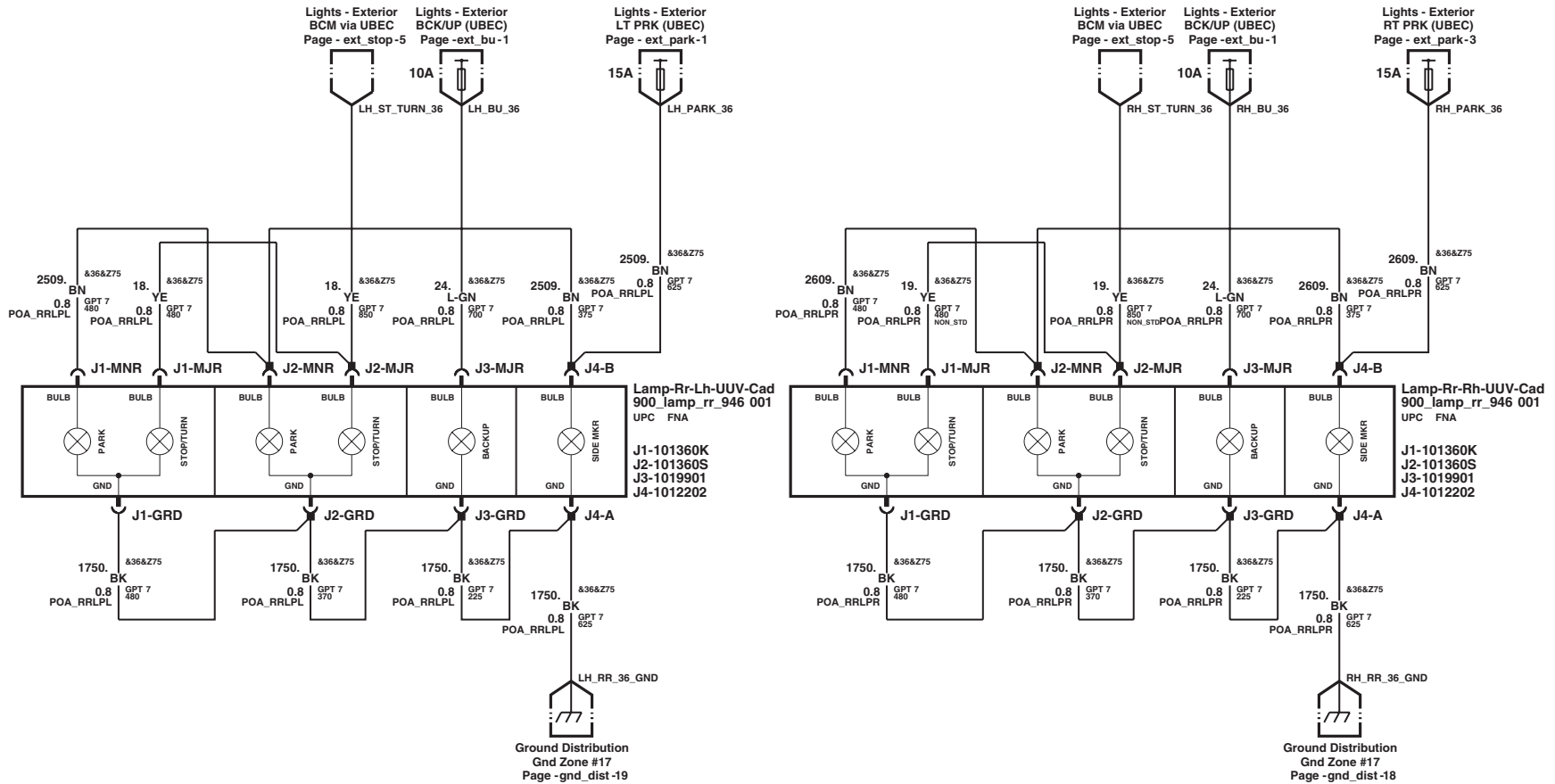
**GM Proprietary**

## Lights - Exterior: Rear Lamps Asm



## Lights - Exterior: Rear Lamps Asm

### REAR LAMPS - UUV CADILLAC



#### Lights - Exterior: Rear Lamps Asm

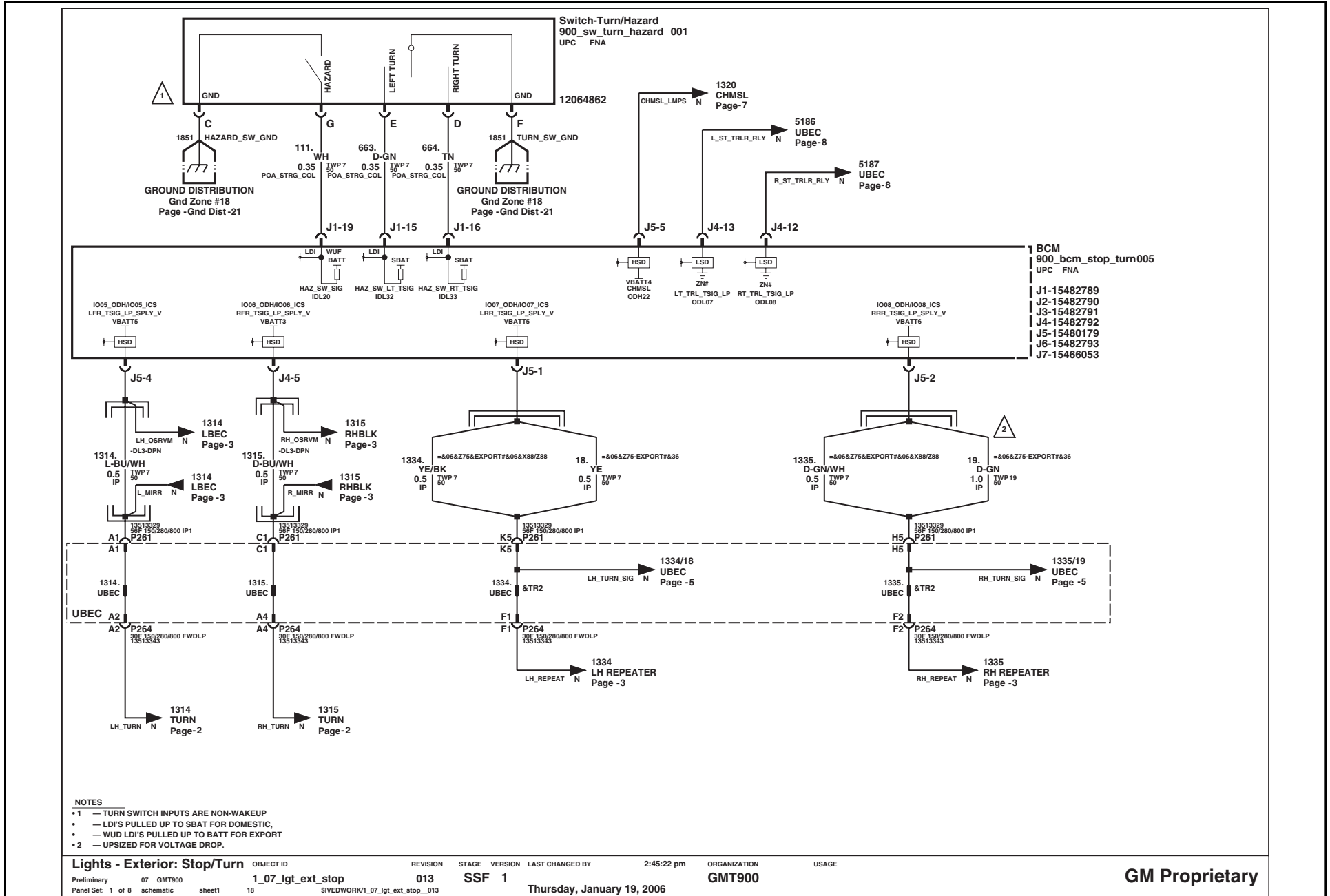
Preliminary 07 GMT900 1\_07\_lgt\_ext\_rr\_lps  
 Panel Set: 6 of 6 schematic sheet1 1 SIVWORK\1\_07\_lgt\_ext\_rr\_lps\_013

REVISION 013 STAGE SSF 1 VERSION 1 LAST CHANGED BY 7:56:01 am  
 Tuesday, September 6, 2005

ORGANIZATION GMT900 USAGE

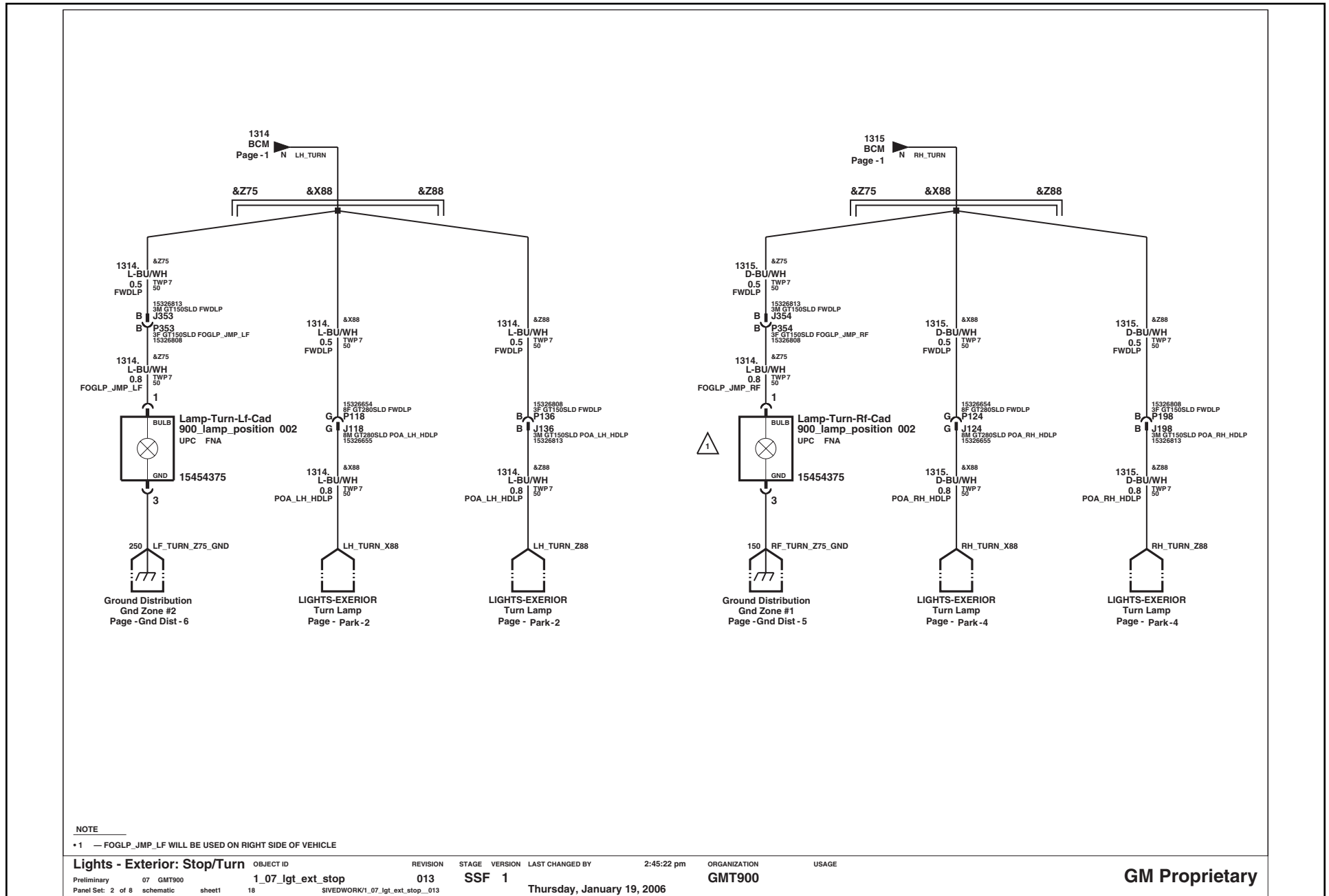
GM Proprietary

## Lights - Exterior: Stop/Turn



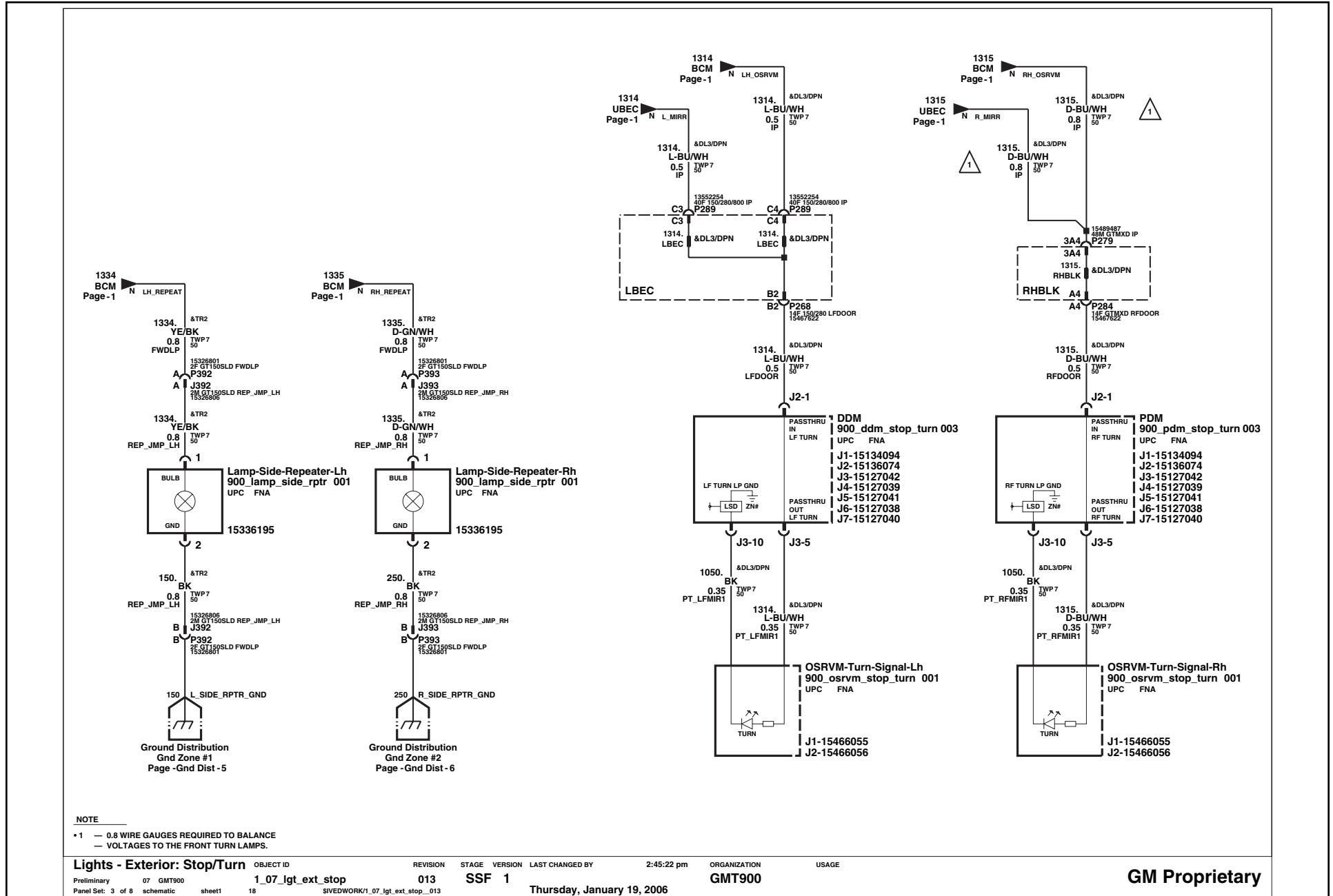


## Lights – Exterior: Stop/Turn

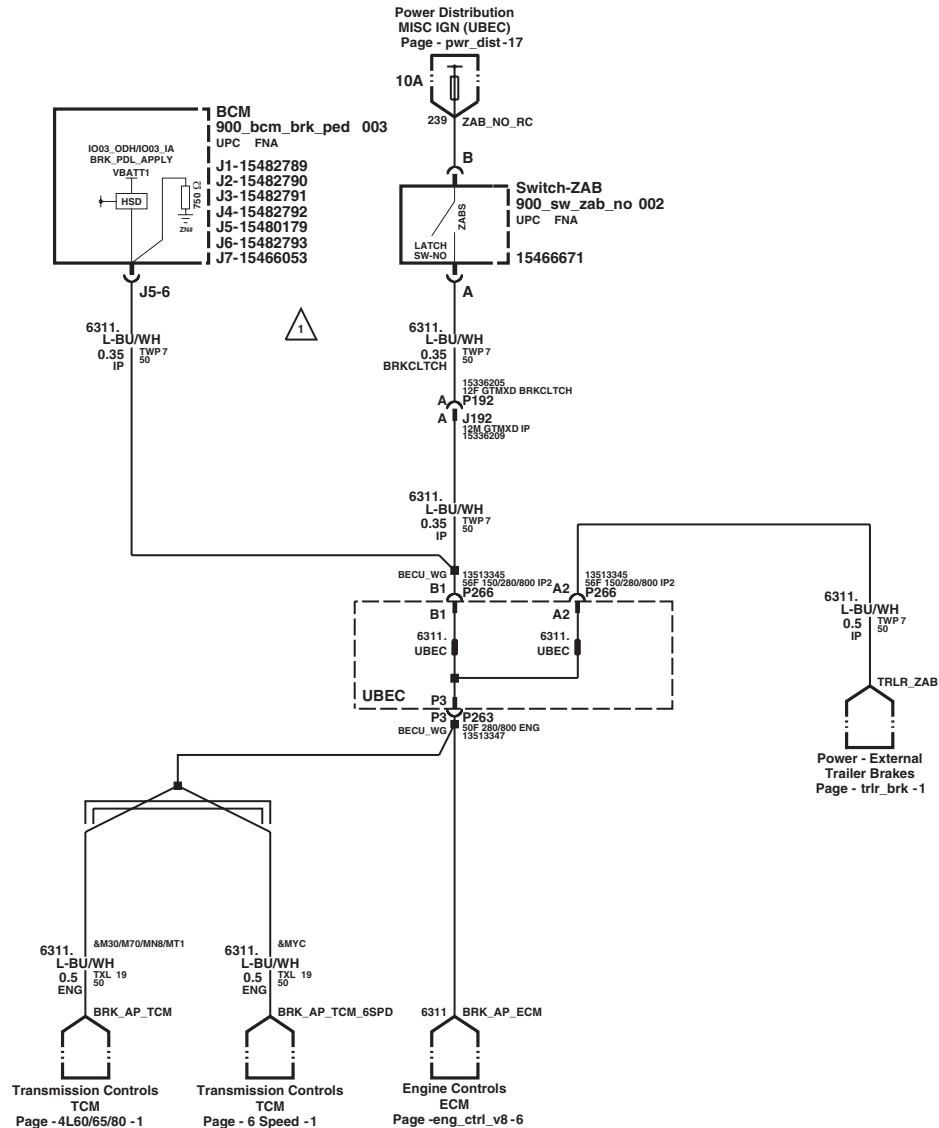


# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Lights – Exterior: Stop/Turn



## Lights - Exterior: Stop/Turn



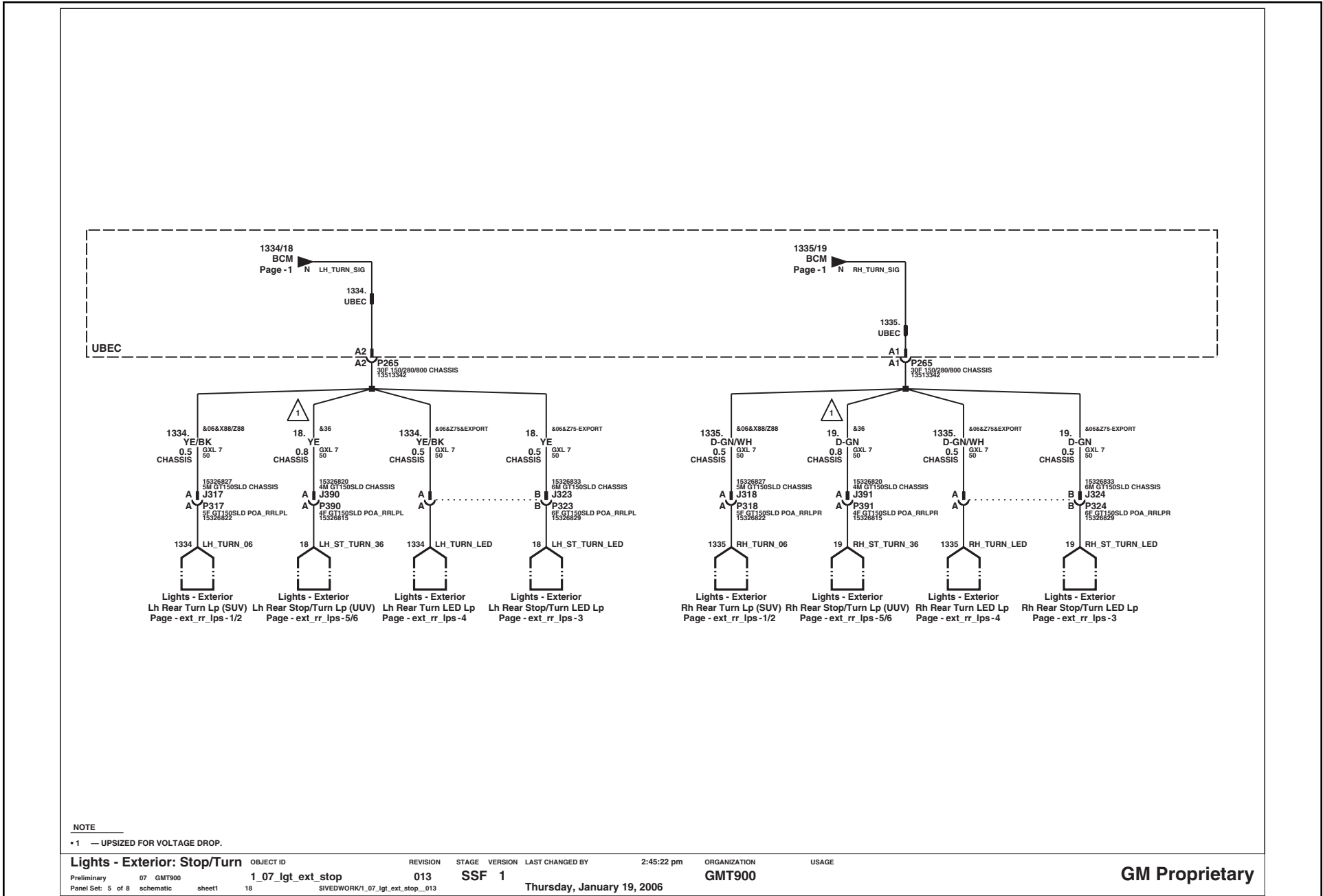
**NOTE**  
 \* 1 — CIRCUIT 6311 IS CONNECTED TO THE BCM BRAKE PEDAL APPLY OUTPUT SOLELY TO PROVIDE THE 750 OHM  
 — PULL DOWN REQUIRED BY PPEI 3.X. THE BCM HSD ON THIS OUTPUT IS NEVER ASSERTED

Lights - Exterior: Stop/Turn		OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	2:45:22 pm	ORGANIZATION	USAGE
Preliminary	07 GMT900	1_07_lgt_ext_stop	013	SSF	1			GMT900	
Panel Set:	4 of 8 schematic sheet1	18	SIVEDWORK/1_07_lgt_ext_stop_013			Thursday, January 19, 2006			

GM Proprietary

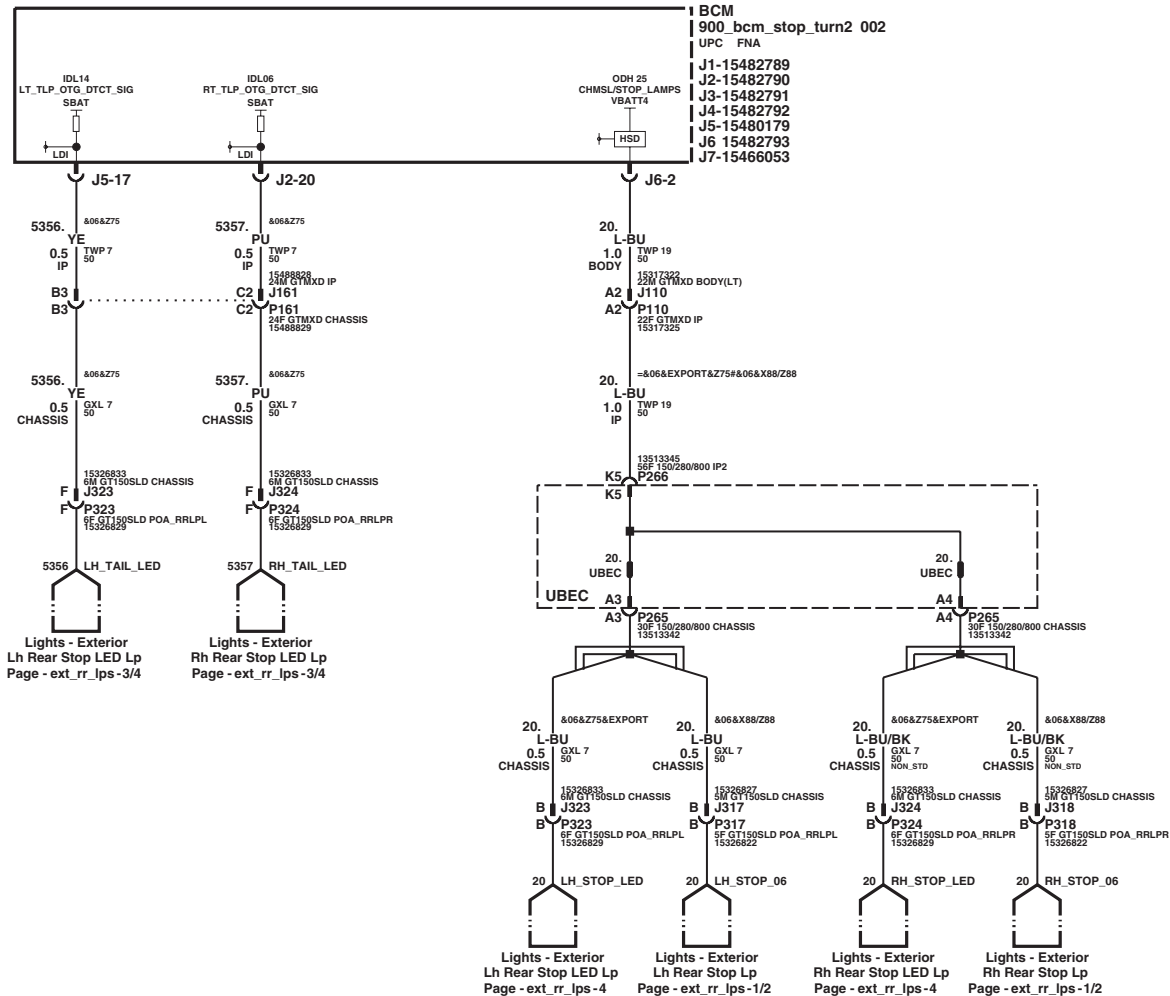
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Lights - Exterior: Stop/Turn



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Lights - Exterior: Stop/Turn

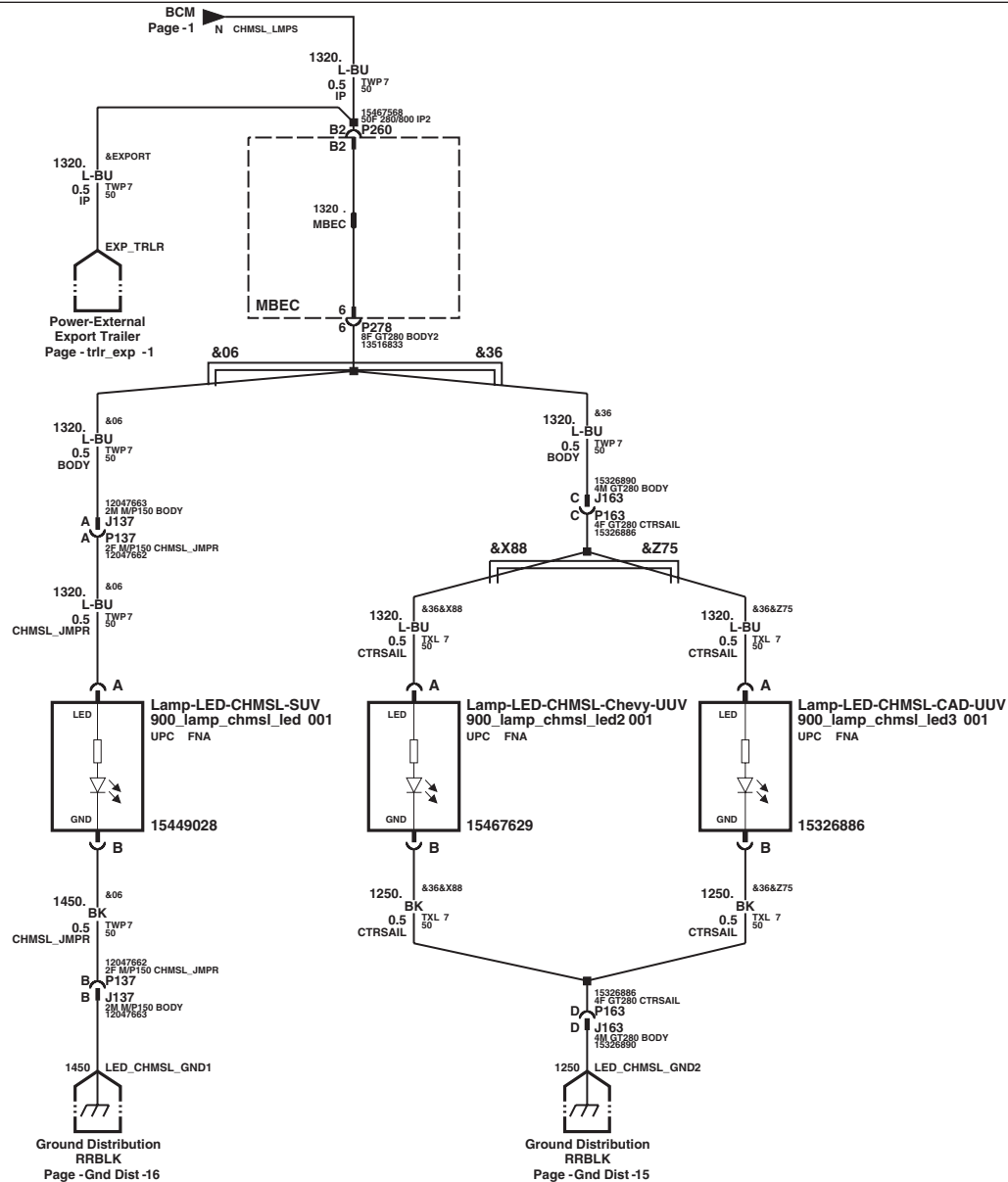


Preliminary	07 GMT900	1_07_lgt_ext_stop	013	SSF 1	Thursday, January 19, 2006	2:45:22 pm	GMT900	ORGANIZATION	USAGE
Panel Set: 6 of 8	schematic	sheet1	18	SIVEDWORK/1_07_lgt_ext_stop_013					

GM Proprietary

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Lights - Exterior: Stop/Turn

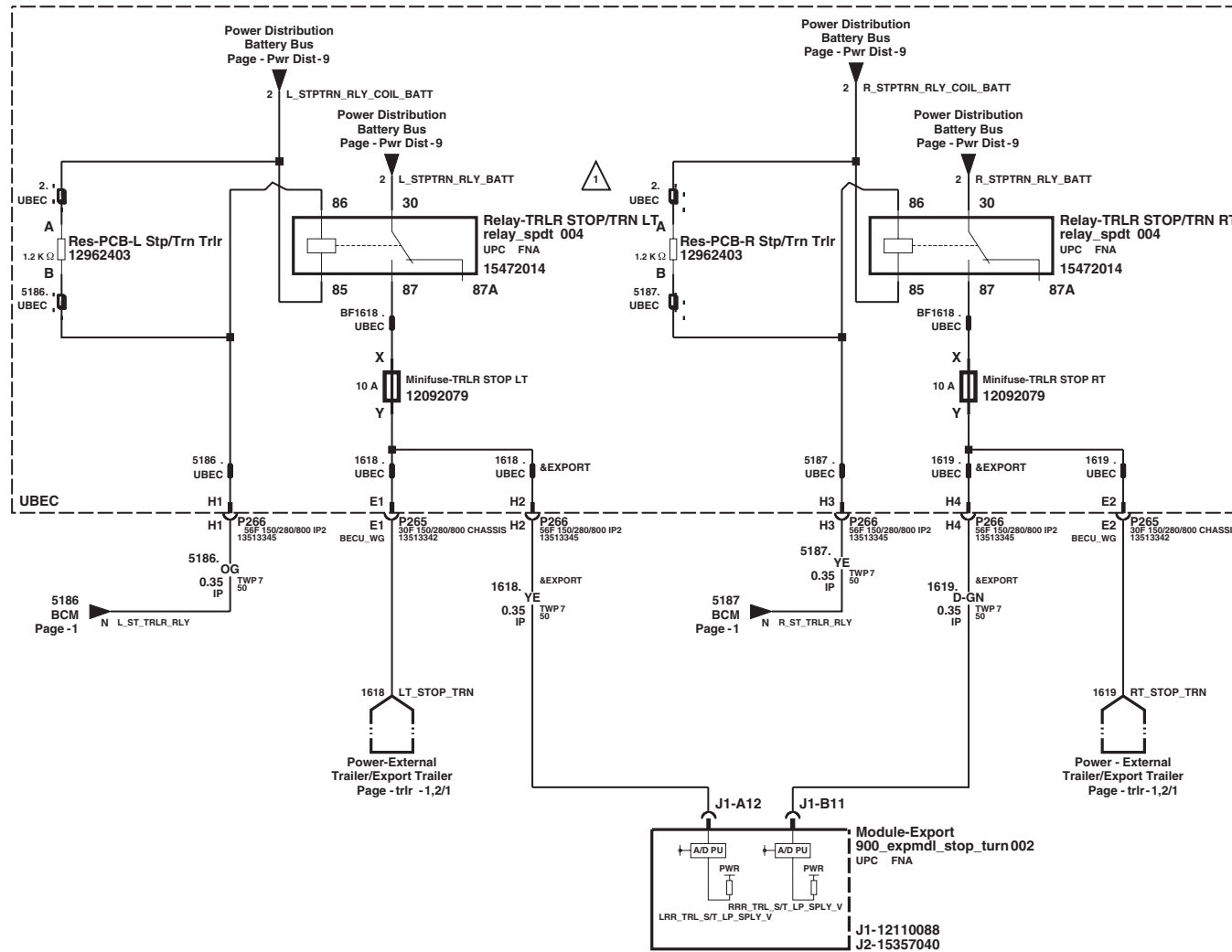


OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	2:45:22 pm	ORGANIZATION	USAGE
1_07_lgt_ext_stop	013	SSF	1			GMT900	

Lights - Exterior: Stop/Turn  
 Preliminary 07 GMT900  
 Panel Set: 7 of 8 schematic sheet1 18 SIVEDWORK/1\_07\_lgt\_ext\_stop\_013  
 Thursday, January 19, 2006

GM Proprietary

## Lights - Exterior: Stop/Turn

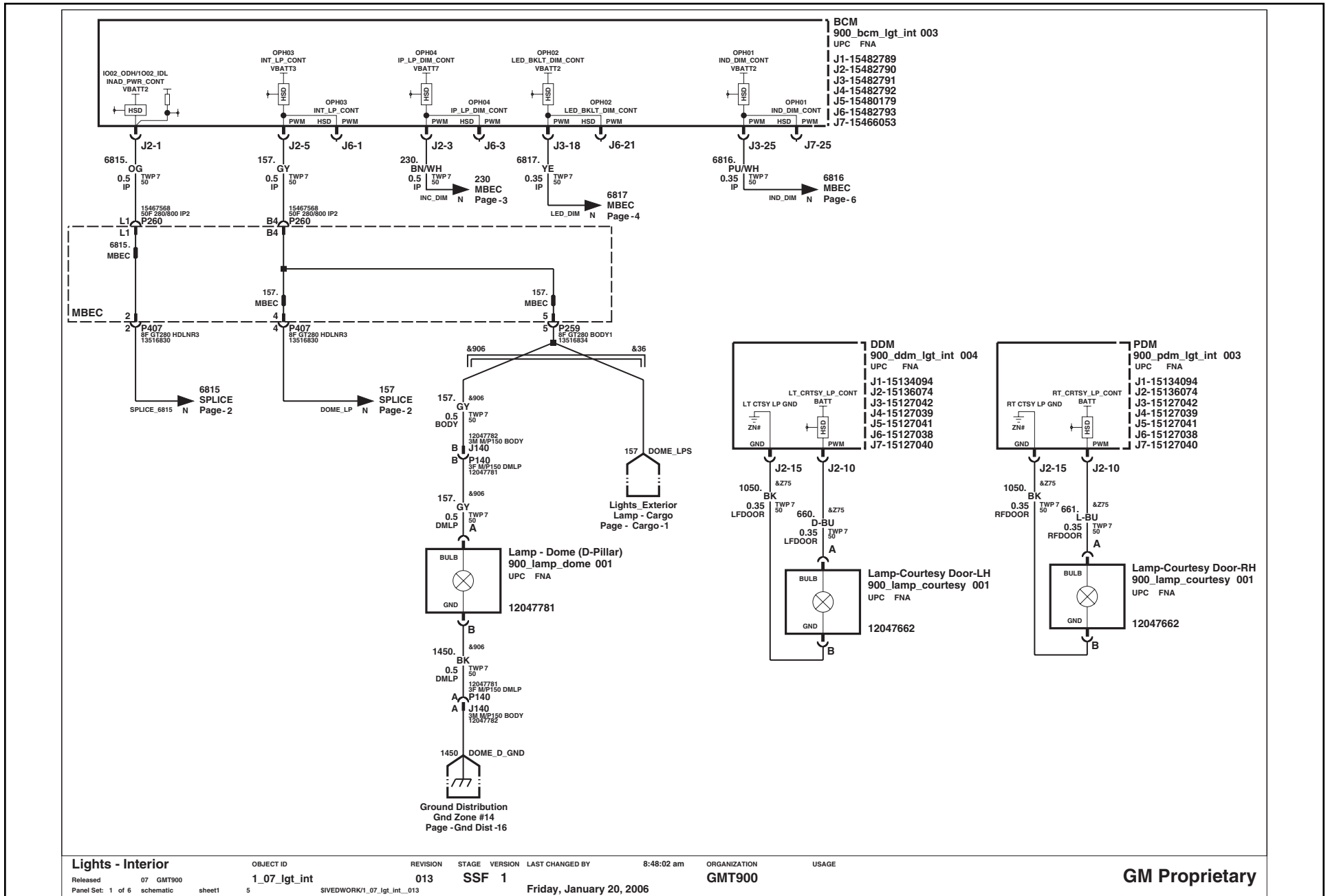


NOTES  
 \* 1 — THE TRAILER STOP/TURN RELAYS SHOULD BE OUTSIDE THE PASSENGER COMPARTMENT  
 — TO AVOID THE SYNCHRONIZATION CONCERNS WITH THE TURN SIGNAL CLICK/CLACK SOUND

Lights - Exterior: Stop/Turn		OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	2:45:22 pm	ORGANIZATION	USAGE
Preliminary	07	GMT900	1_07_lgt_ext_stop	013	SSF	1		GMT900	
Panel Set:	8	of 8	schematic	sheet1	18	SIVEDWORK/1_07_lgt_ext_stop_013	Thursday, January 19, 2006		

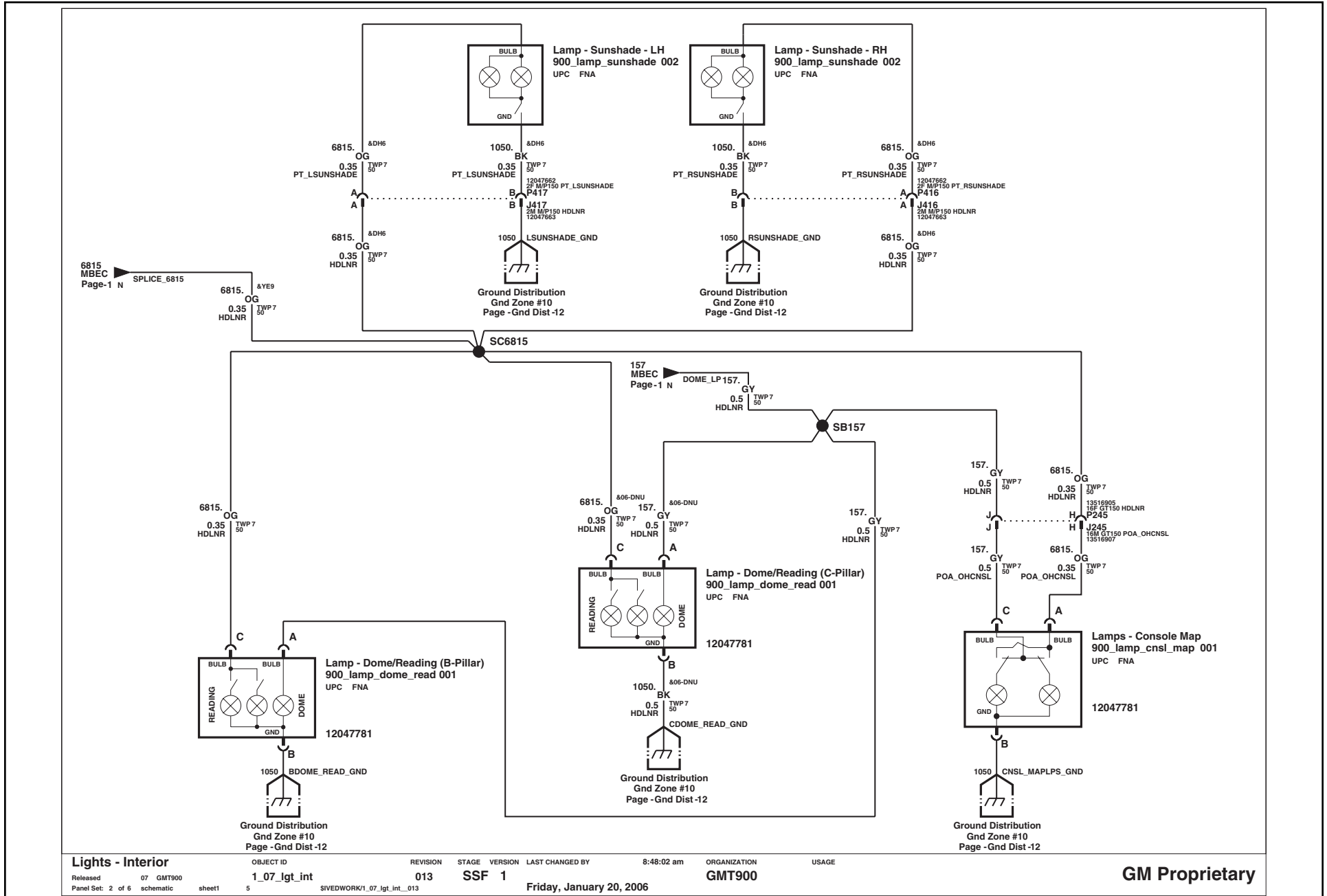
GM Proprietary

## Lights - Interior





## Lights - Interior



OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	ORGANIZATION	USAGE
1_07_lgt_int	013	SSF	1	8:48:02 am	GMT900	

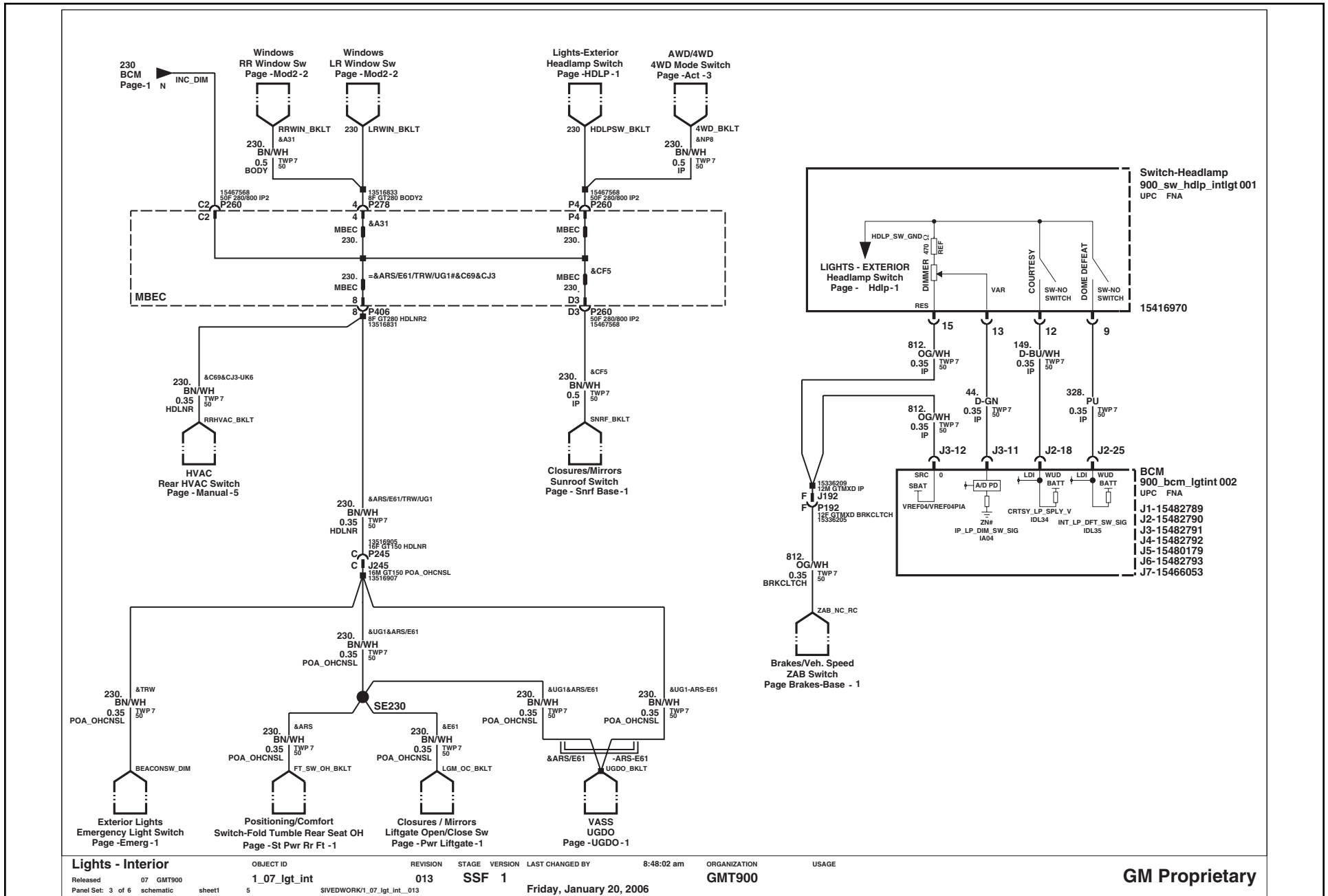
Released 07 GMT900  
Panel Set: 2 of 6 schematic sheet1

SIVEDWORK/1\_07\_lgt\_int\_013

Friday, January 20, 2006

GM Proprietary

## Lights - Interior



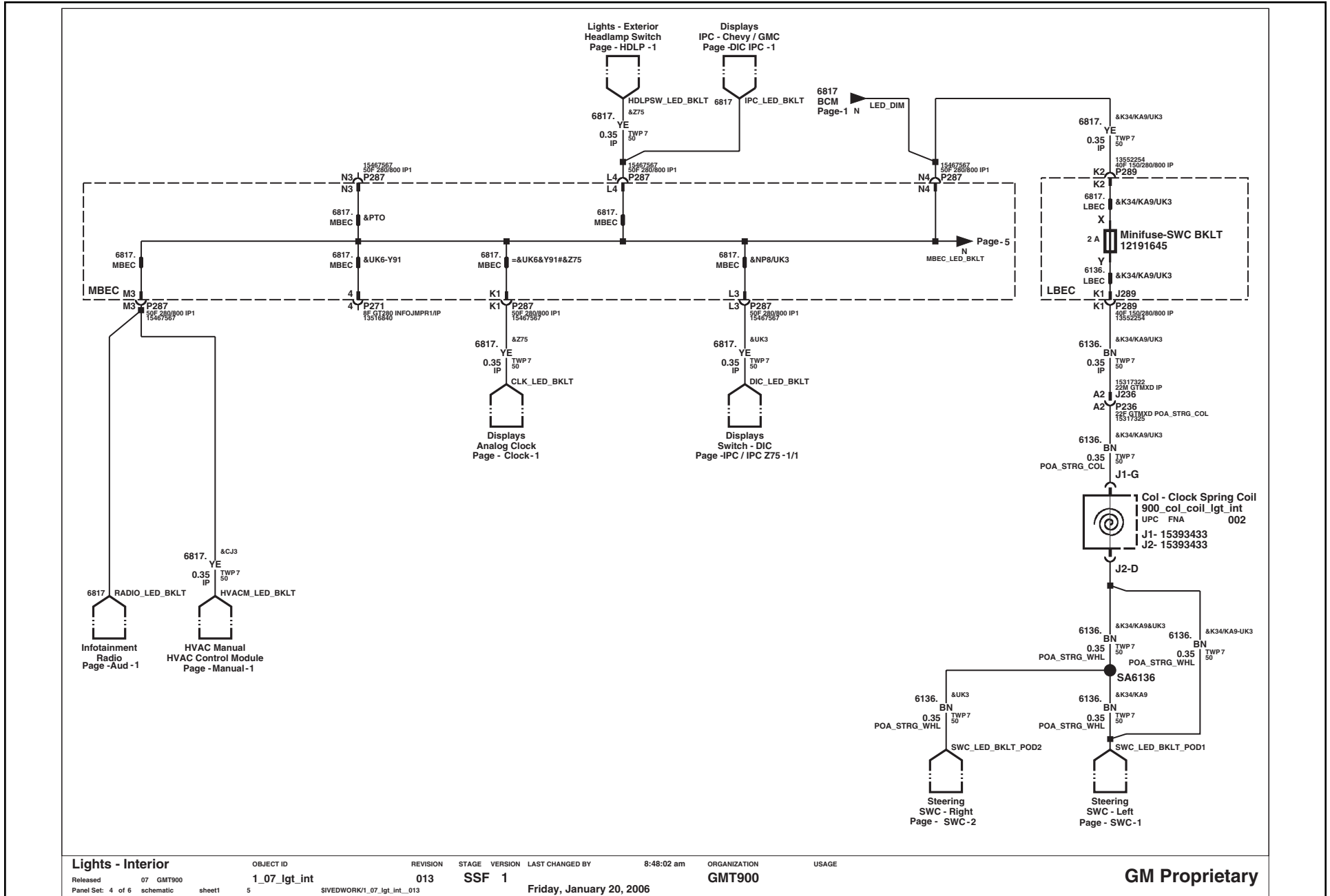
**Lights - Interior**  
 Released 07 GMT900  
 Panel Set: 3 of 6 schematic sheet1

OBJECT ID: 1\_07\_lgt\_int  
 REVISION: 013  
 STAGE: SSF 1  
 LAST CHANGED BY: Friday, January 20, 2006  
 ORGANIZATION: GMT900  
 USAGE:

GM Proprietary

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Lights - Interior



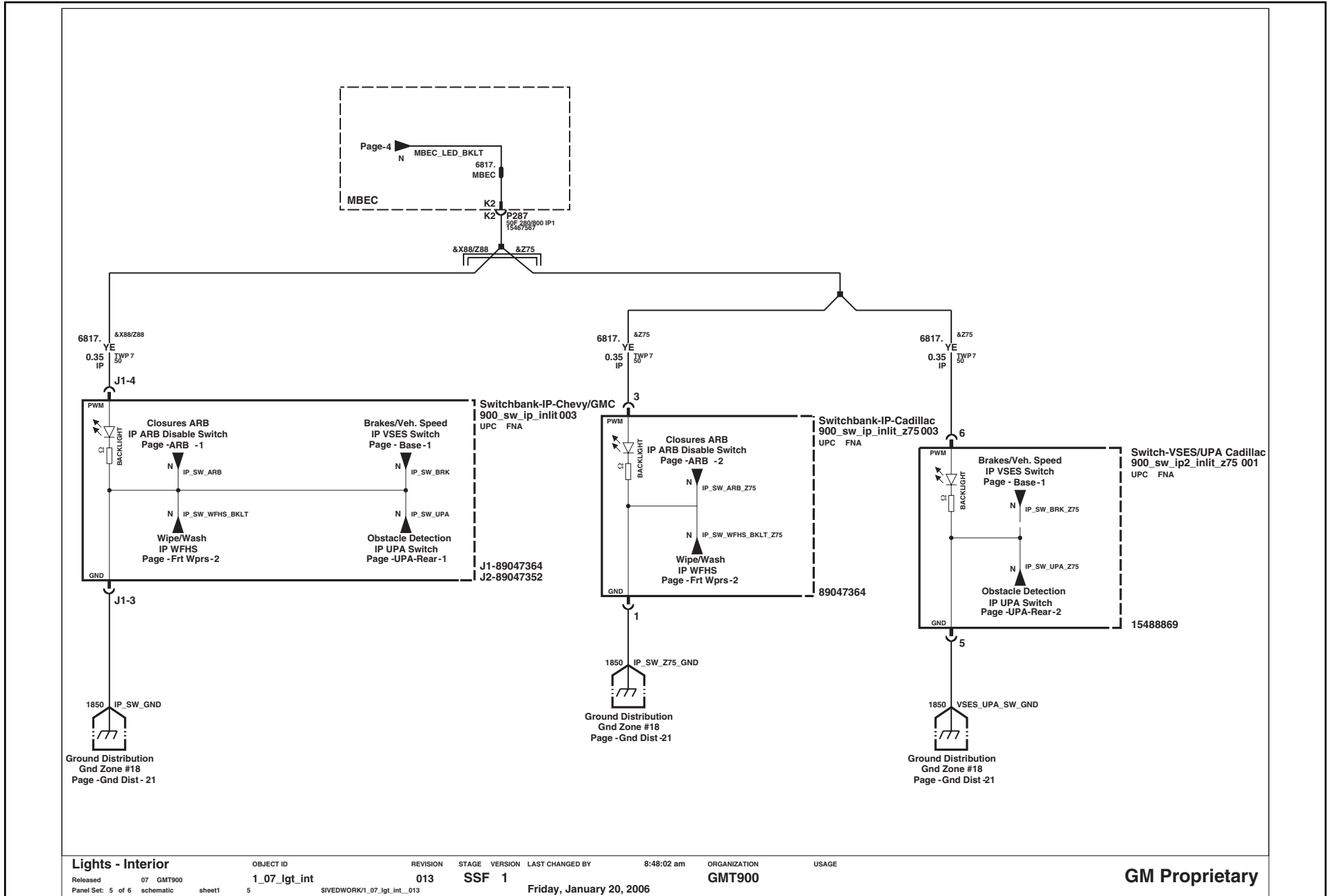
OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	ORGANIZATION	USAGE
1_07_lgt_int	013	SSF	1	8:48:02 am	GMT900	

Released 07 GMT900  
Panel Set: 4 of 6 schematic sheet1 5 SIVEDWORK/1\_07\_lgt\_int\_013

Friday, January 20, 2006

GM Proprietary

## Lights - Interior



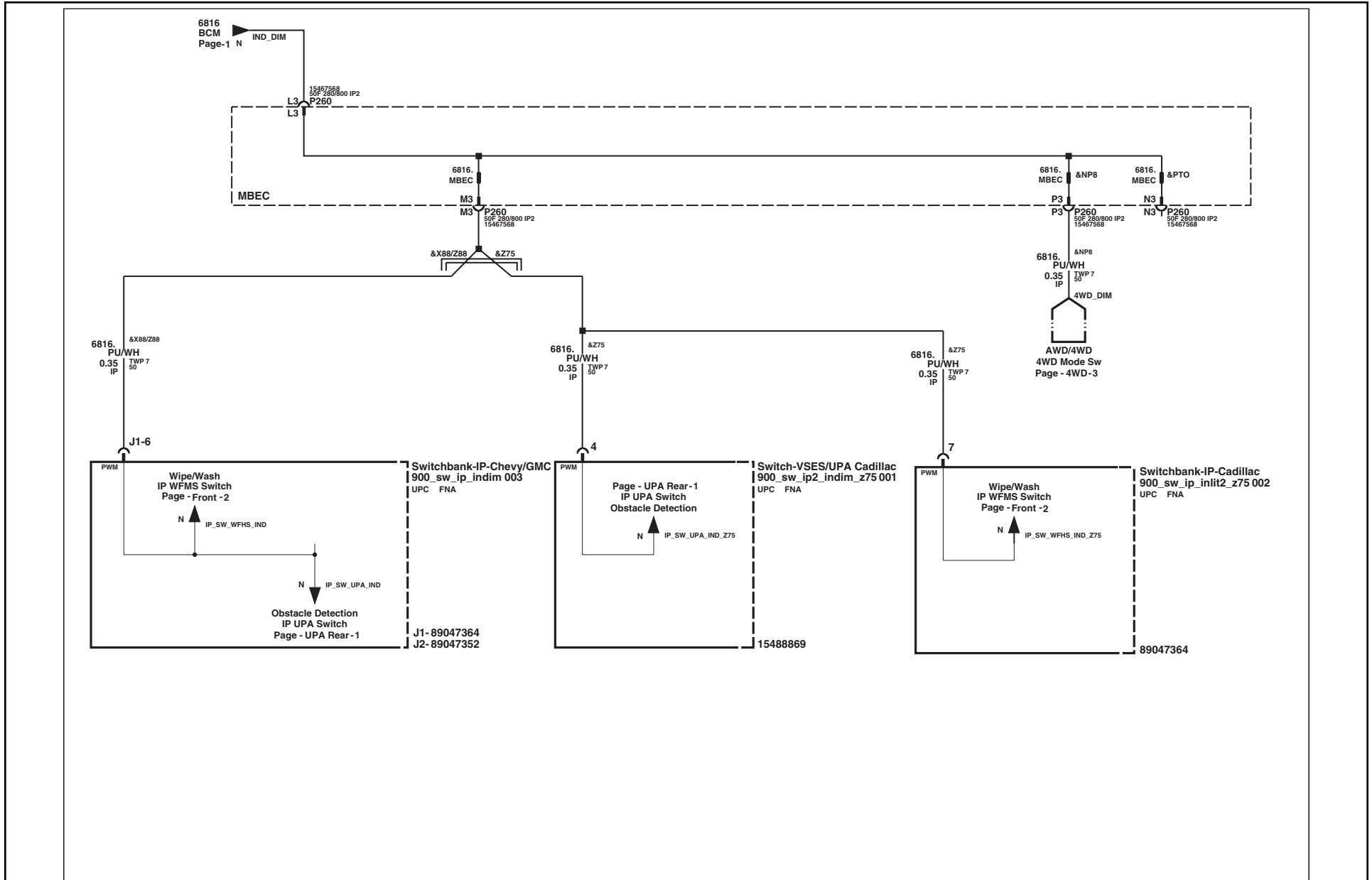
**Lights - Interior**

Released	Panel Set	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	8:48:02 am	ORGANIZATION	USAGE
07	5 of 6	1_07_lgt_int	013	SSF	1			GMT900	
07	schematic	1_07_lgt_int	013	SSF	1	Friday, January 20, 2006			

**GM Proprietary**

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Lights - Interior

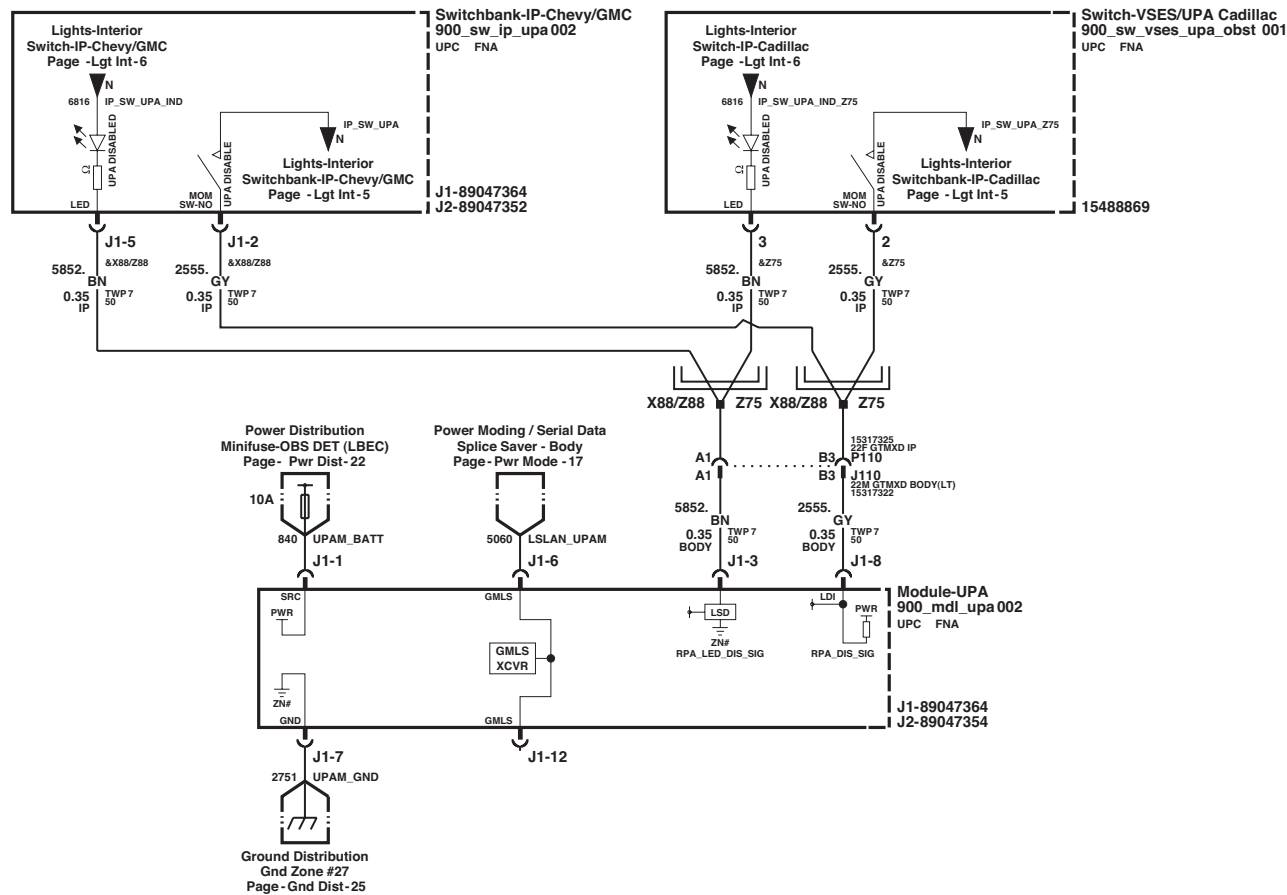


OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	ORGANIZATION	USAGE
1_07_lgt_int	013	SSF	1	8:48:02 am	GMT900	

Released 07 GMT900  
 Panel Set: 6 of 6 schematic sheet1 5 SIVEDWORK/1\_07\_lgt\_int\_013  
 Friday, January 20, 2006

GM Proprietary

## Obstacle Detection: Ultrasonic Park Assist – Rear

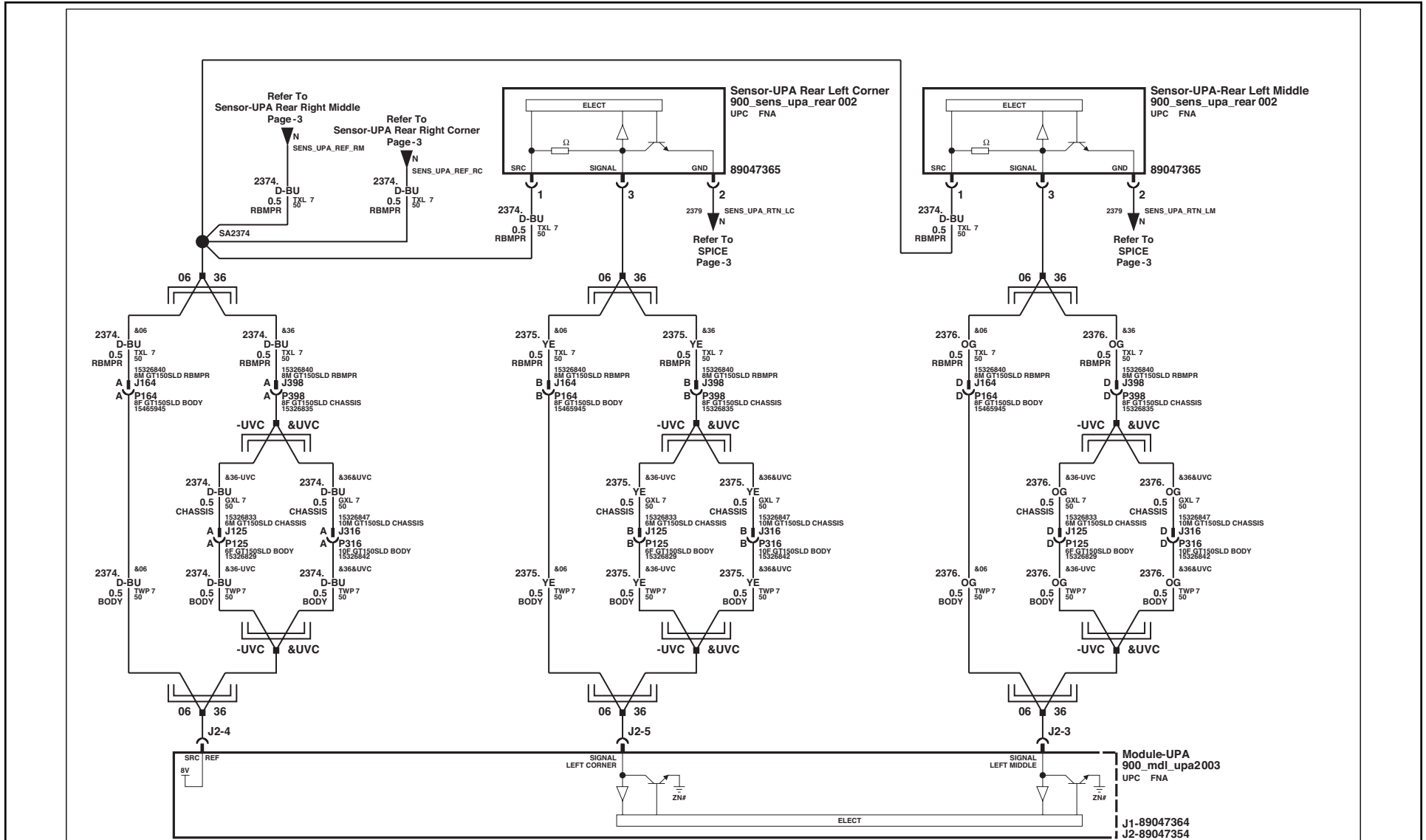


• REAR UPA STANDARD ON CADILLAC & OPTIONAL CHEVY/GMC

Released	07 GMT900	1_07_obst_rr	REVISION	013	STAGE	VERSION	SSF 1	LAST CHANGED BY	7:10:49 am	ORGANIZATION	GMT900	USAGE	&UD7
Panel Set:	1 of 4	schematic sheet1	1	SIVEDWORK/1_07_obst_rr_013	Tuesday, September 6, 2005								

GM Proprietary

## Obstacle Detection: Ultrasonic Park Assist – Rear

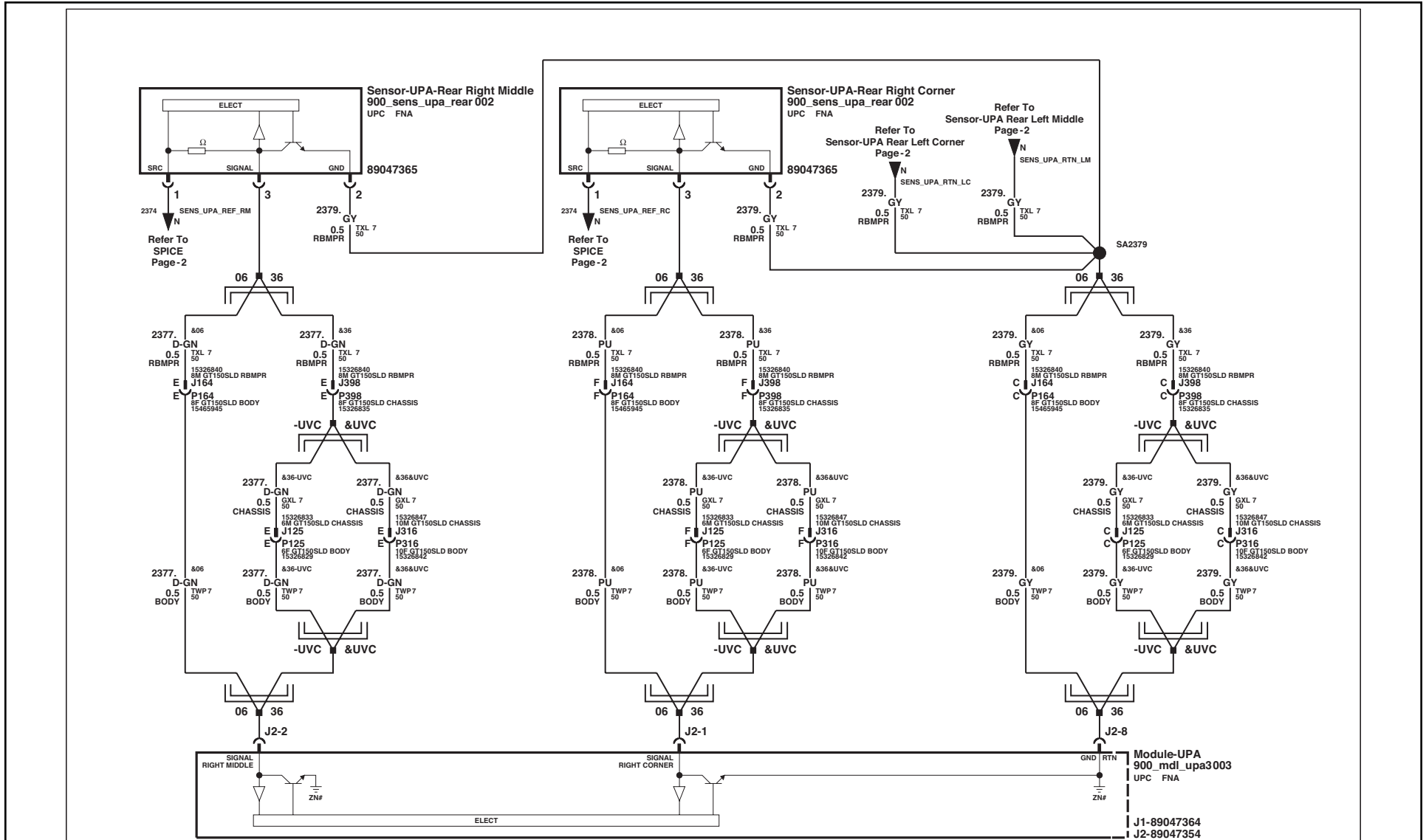


• REAR UPA STANDARD ON CADILLAC & OPTIONAL CHEVY/GMC

Released	07 GMT900	1_07_obst_rr	REVISION	013	STAGE	SSF 1	VERSION	LAST CHANGED BY	7:10:49 am	ORGANIZATION	GMT900	USAGE	&UD7
Panel Set: 2 of 4	07	1_07_obst_rr	013	SSF 1				Tuesday, September 6, 2005					

GM Proprietary

## Obstacle Detection: Ultrasonic Park Assist – Rear



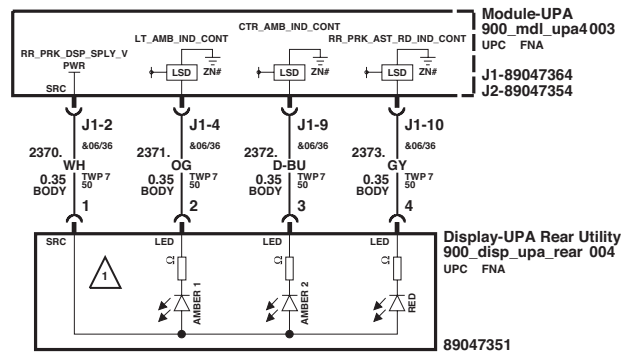
**• REAR UPA STANDARD ON CADILLAC & OPTIONAL CHEVY/GMC**

Released	07 GMT900	1_07_obst_rr	REVISION	013	STAGE	VERSION	LAST CHANGED BY	7:10:49 am	ORGANIZATION	GMT900	USAGE	&UD7
Panel Set:	3 of 4	schematic sheet	1	SIVEDWORK\1_07_obst_rr_013	SSF	1	Tuesday, September 6, 2005					

**GM Proprietary**



## Obstacle Detection: Ultrasonic Park Assist – Rear



• REAR UPA STANDARD ON CADILLAC & OPTIONAL CHEVY/GMC

NOTES  
 \* 1 - UPA REAR DISPLAY INDICATORS ARE NOT DIMMABLE.

Obstacle Detection: Ultrasonic Park Assist - Rear

Released 07 GMT900 1\_07\_obst\_rr  
 Panel Set: 4 of 4 schematic sheet1 1

REVISION 013

STAGE VERSION SSF 1

LAST CHANGED BY 7:10:49 am

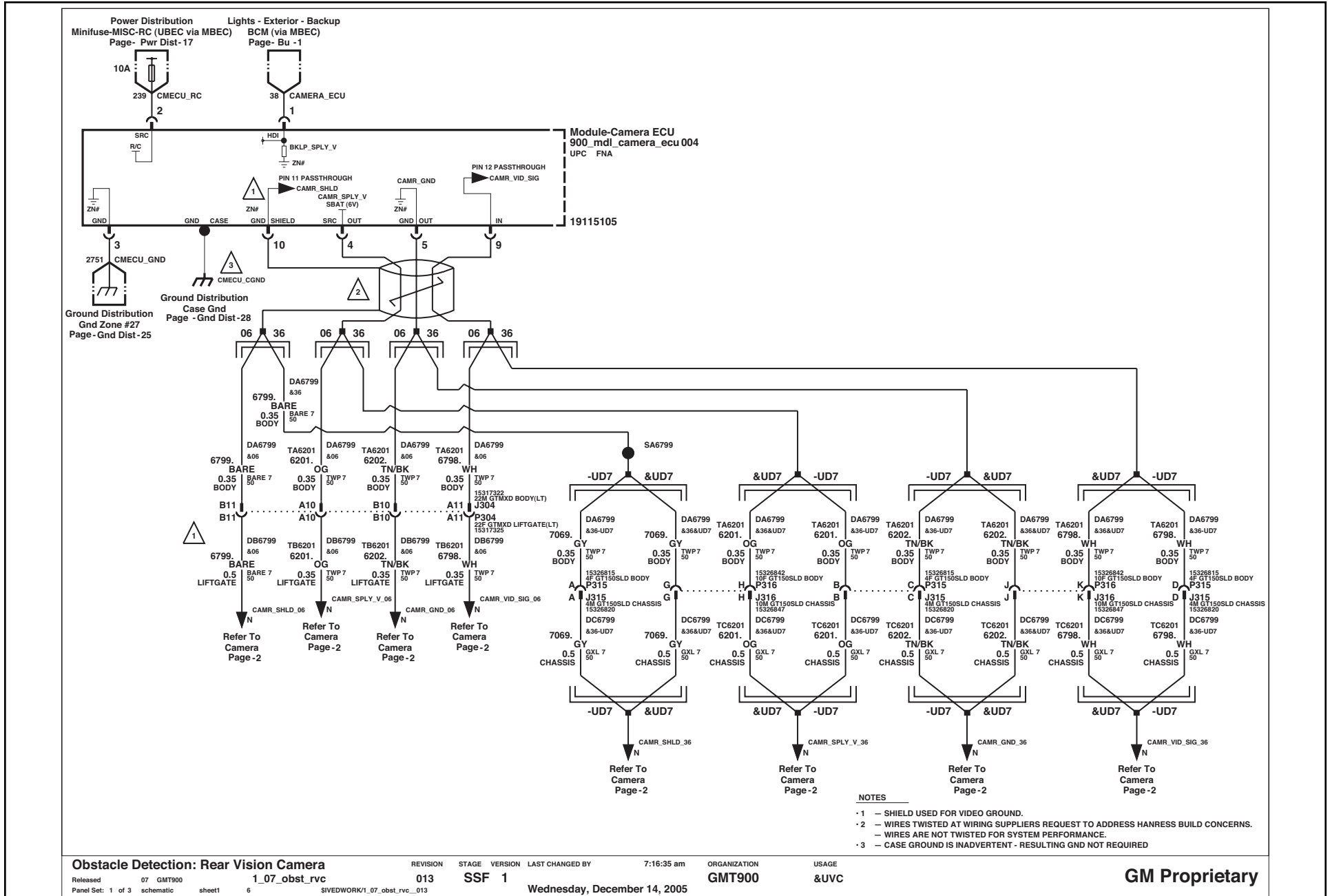
ORGANIZATION GMT900

USAGE &UD7

Tuesday, September 6, 2005

GM Proprietary

## Obstacle Detection: Rear Vision Camera



Obstacle Detection: Rear Vision Camera

Released 07 GMT900  
Panel Set: 1 of 3 schematic sheet1

1\_07\_obst\_rvc

REVISION 013  
SIVEDWORK/1\_07\_obst\_rvc\_013

STAGE SSF 1  
VERSION 1

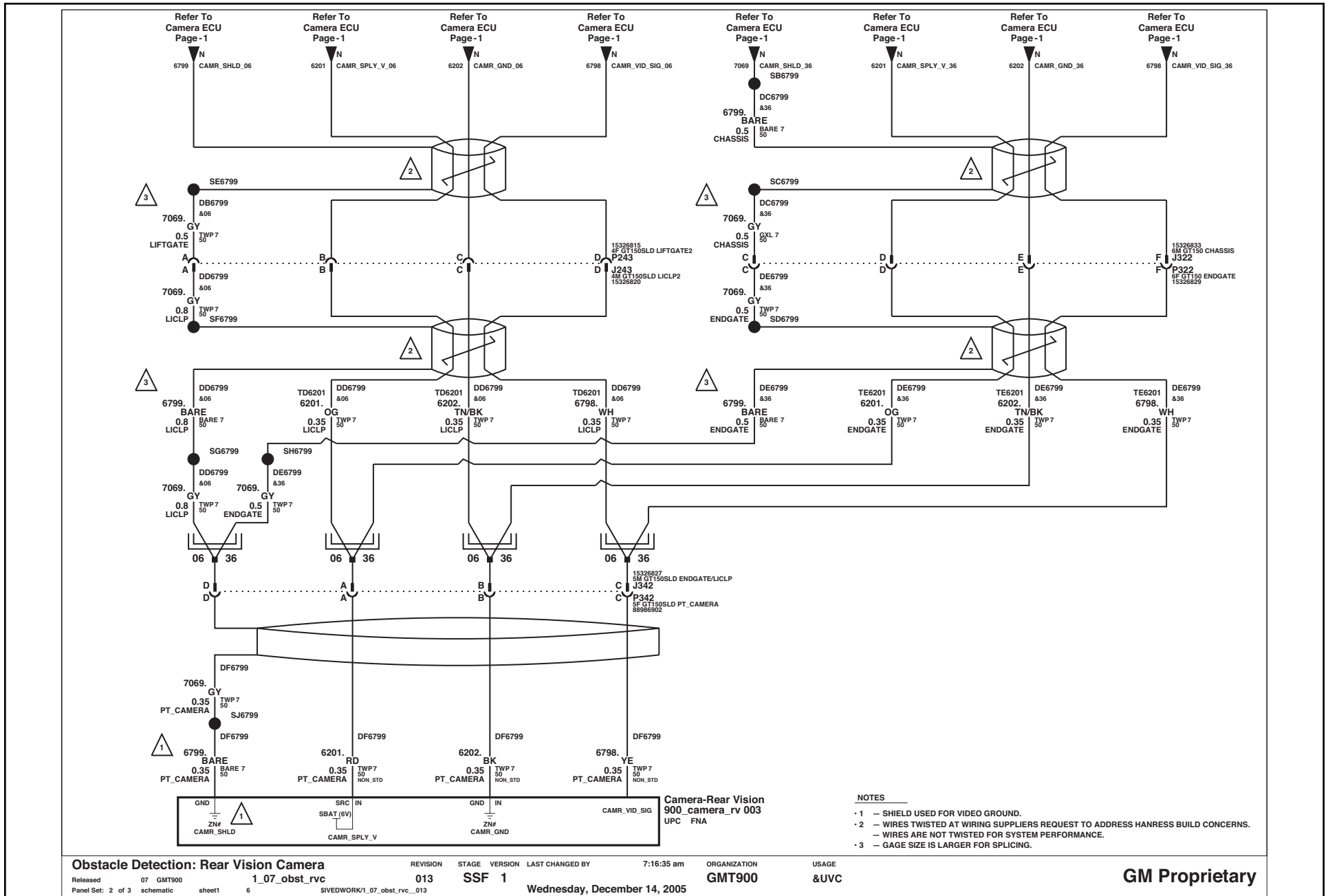
LAST CHANGED BY  
Wednesday, December 14, 2005

7:16:35 am  
ORGANIZATION GMT900

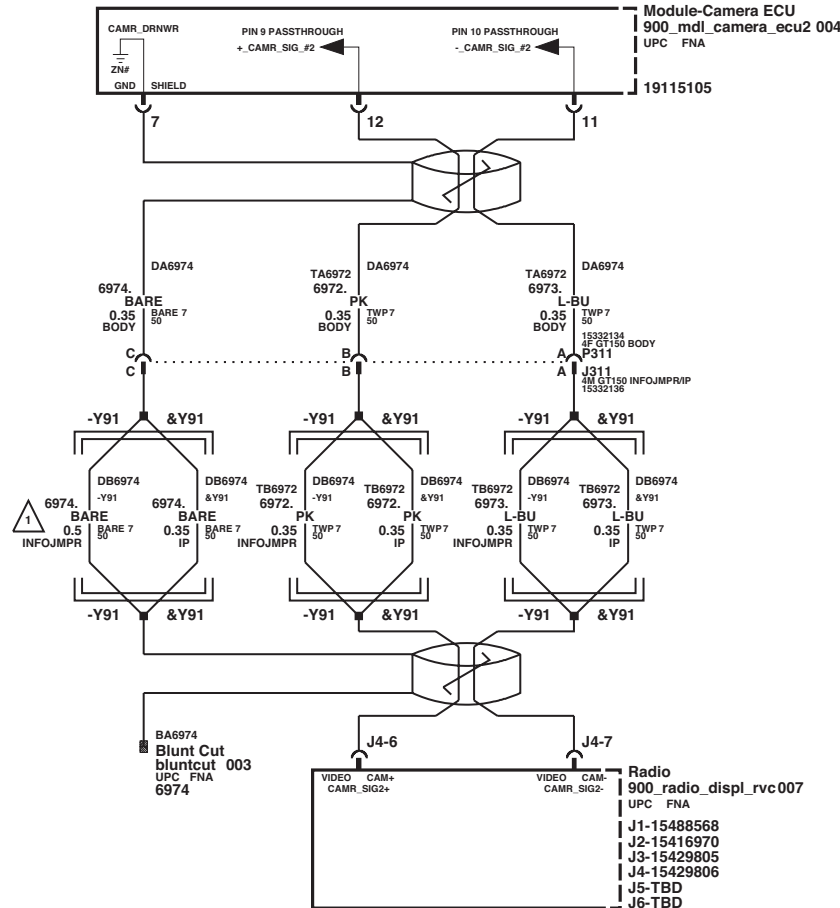
USAGE &UVC

GM Proprietary

## Obstacle Detection: Rear Vision Camera



## Obstacle Detection: Rear Vision Camera



**NOTES**

· 1 - GAGE SIZE LARGER FOR DURABILITY.

**Obstacle Detection: Rear Vision Camera**

Released 07 GMT900 1\_07\_obst\_rvc  
Panel Set: 3 of 3 schematic sheet1 6 SIVEDWORK/1\_07\_obst\_rvc\_013

REVISION 013

STAGE SSF 1

VERSION 1

LAST CHANGED BY

7:16:35 am

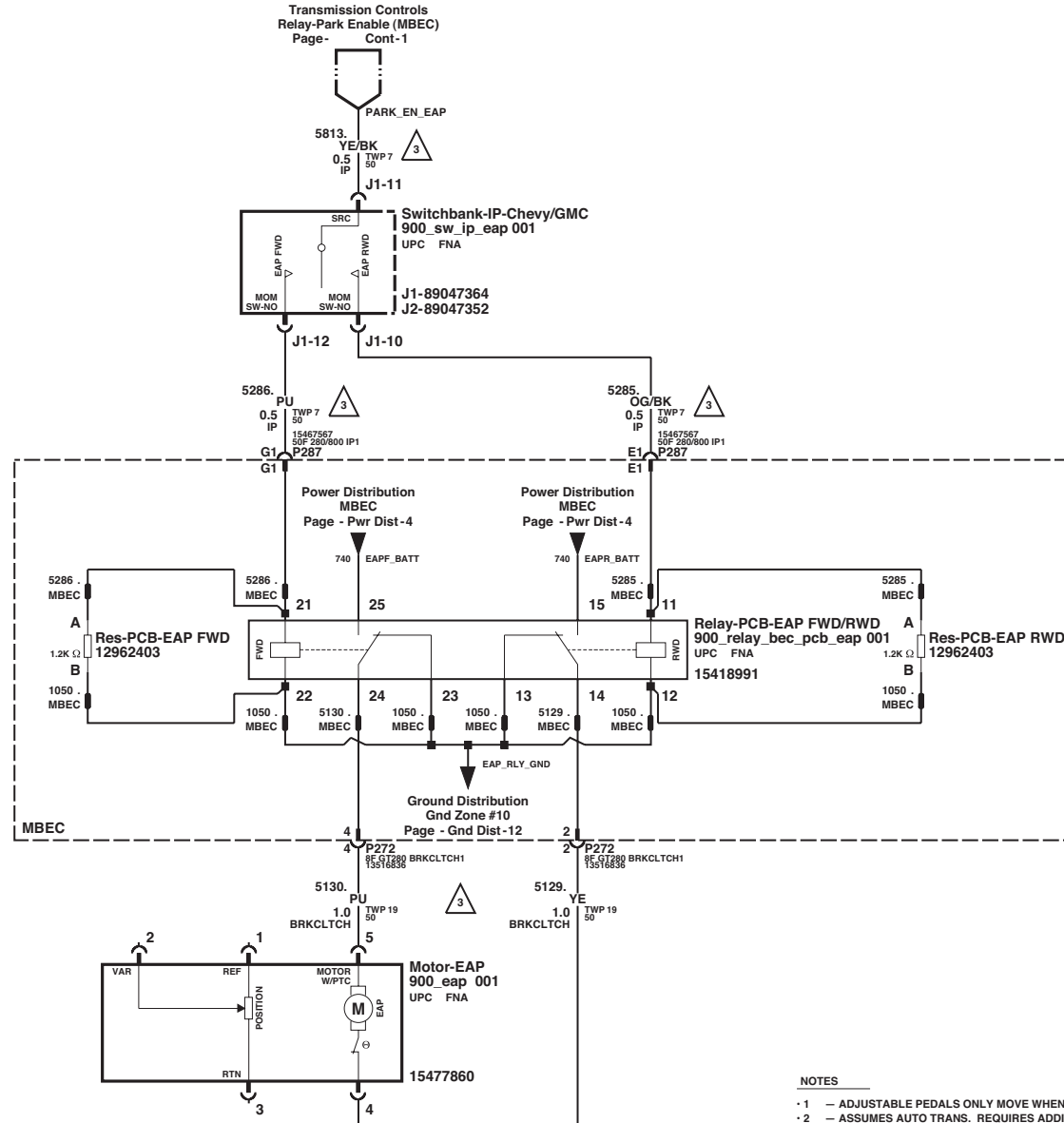
ORGANIZATION GMT900

USAGE &UVC

Wednesday, December 14, 2005

**GM Proprietary**

## Positioning/Comfort: Electric Adjust Pedals



**NOTES**

- 1 - ADJUSTABLE PEDALS ONLY MOVE WHEN VEHICLE NOT IN REVERSE OR CRUISE.
- 2 - ASSUMES AUTO TRANS. REQUIRES ADDITIONAL WORK FOR MANUAL TRANS.
- 3 - EAP SW WIRE GAGES CONSISTENT FOR MEMORY & NON-MEMORY.

Positioning/Comfort: Electric Adjust Pedals

Released 07 GMT900 1\_07\_pc\_adj\_ped 013  
Panel Set: 1 of 1 schematic sheet1 1 SIVEDWORK/1\_07\_pc\_adj\_ped\_013

REVISION 013  
STAGE SSF 1  
VERSION 1  
LAST CHANGED BY Friday, September 2, 2005

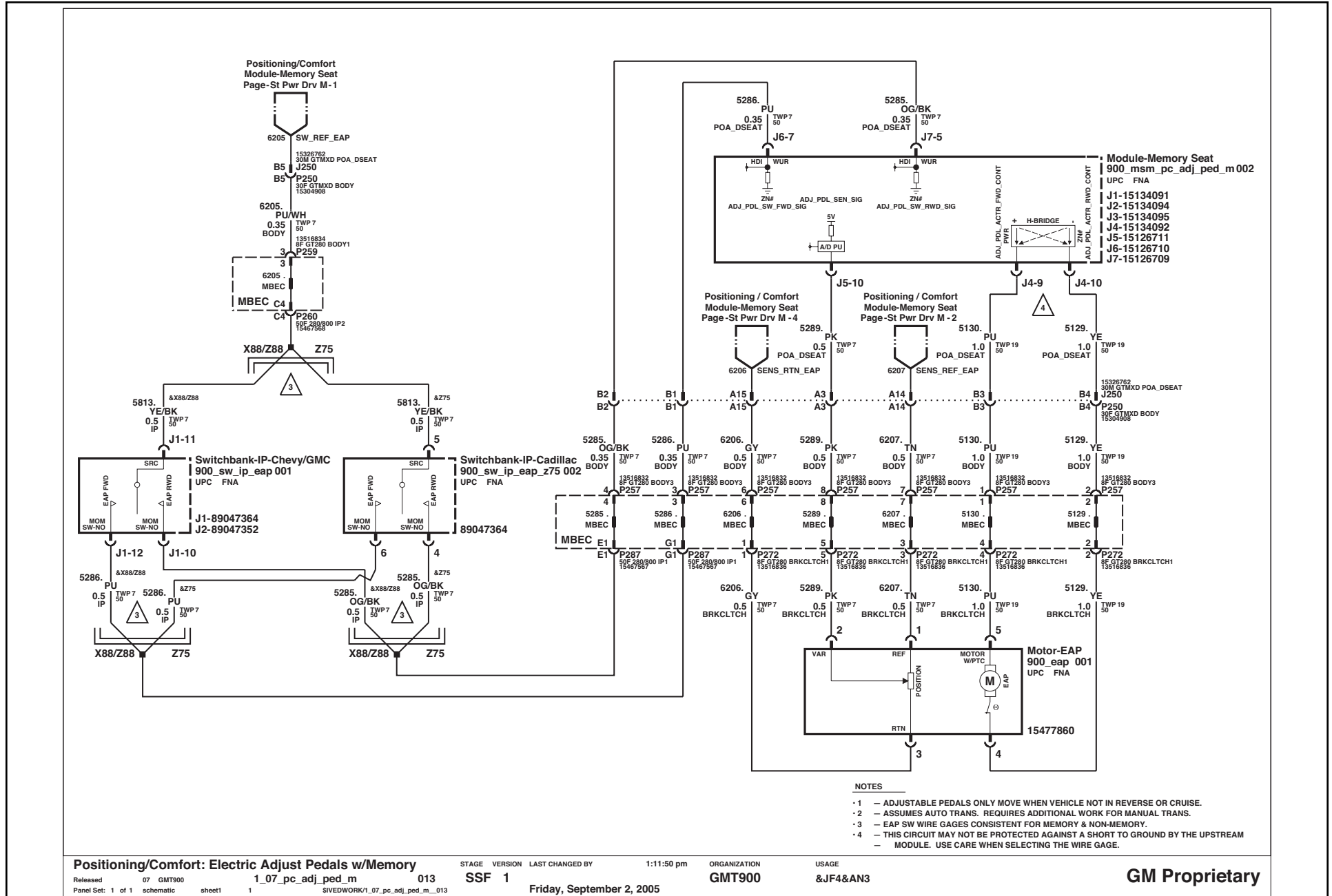
1:11:39 pm  
ORGANIZATION GMT900

USAGE &JF4-AN3

GM Proprietary

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

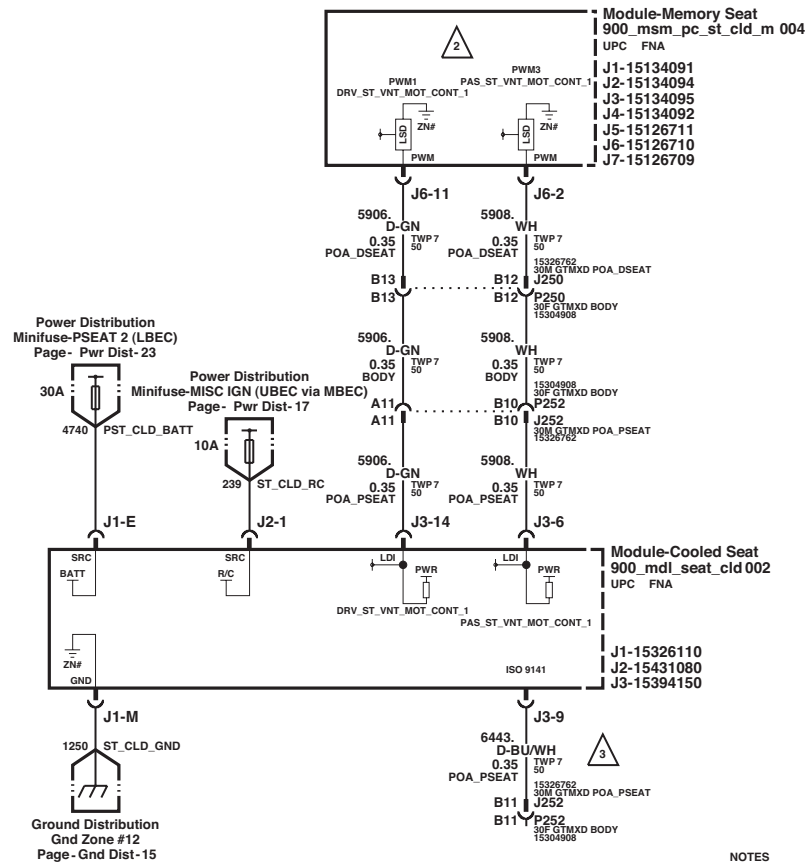
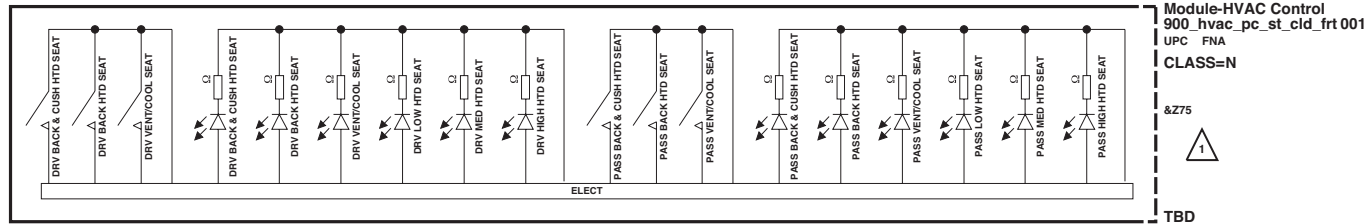
## Positioning/Comfort: Electric Adjust Pedals w/Memory



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

PAGE **D-179**

## Positioning/Comfort: Cooled/Heated Seats – Front w/Memory



- NOTES**
- 1 – REAR COOLED SEATS ARE NOT SUPPORTED.
  - 2 – FRONT HEATED SEAT SWITCHES ARE IN HVAC CONTROL MODULE.
  - 3 – NO VEHICLE HARNESS. USED FOR DIAGNOSTICS.

Positioning/Comfort: Cooled/Heated Seats - Front w/Memory

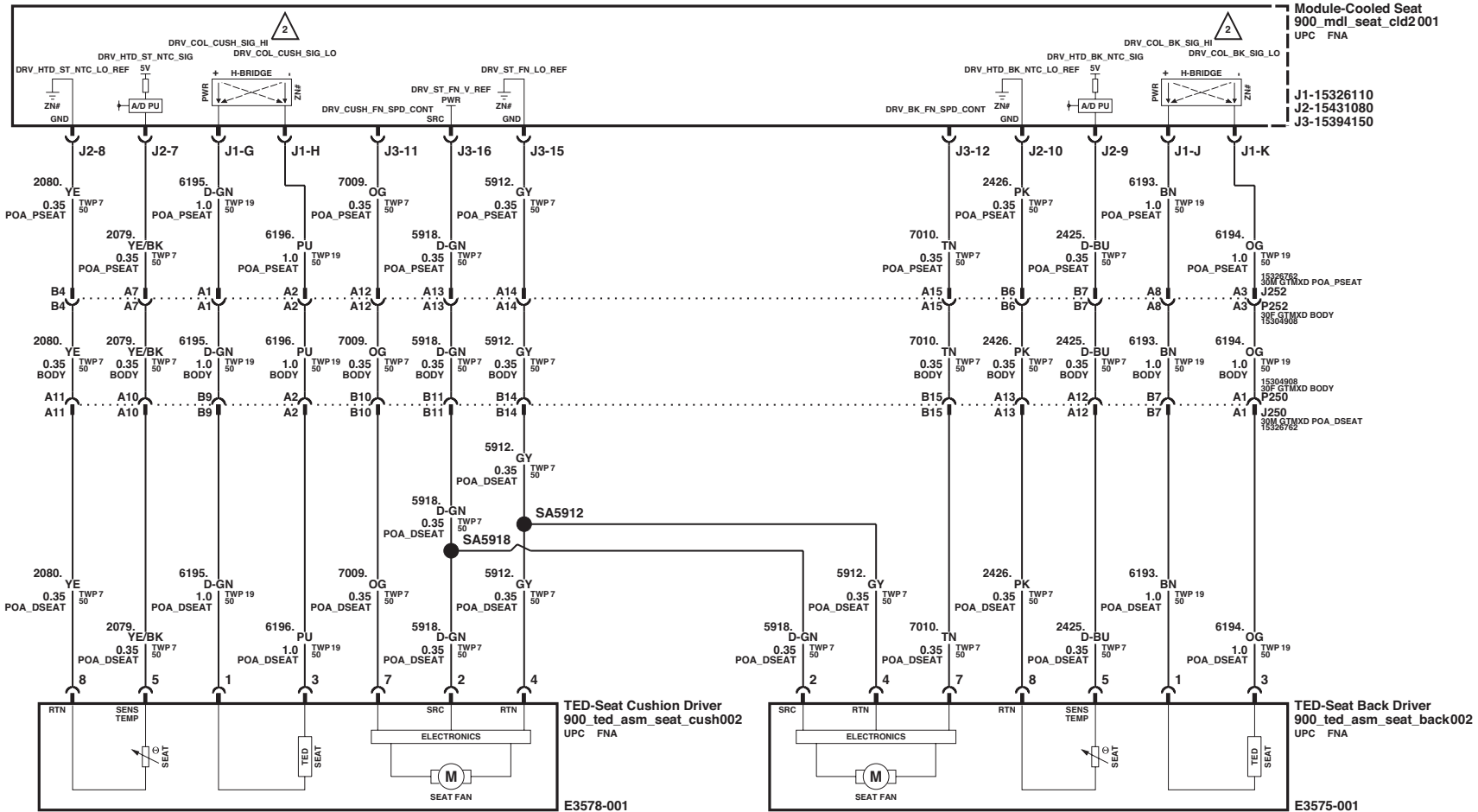
Released 07 GMT900 1\_07\_pc\_st\_cld\_frnt\_m 013  
Panel Set: 1 of 3 schematic sheet 4 SIVEDWORK/1\_07\_pc\_st\_cld\_frnt\_m\_013

VERSION LAST CHANGED BY 3:49:17 pm ORGANIZATION USAGE  
SSF 1 GMT900 &AN3&KB6  
Thursday, September 22, 2005

GM Proprietary

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Positioning/Comfort: Cooled/Heated Seats – Front w/Memory

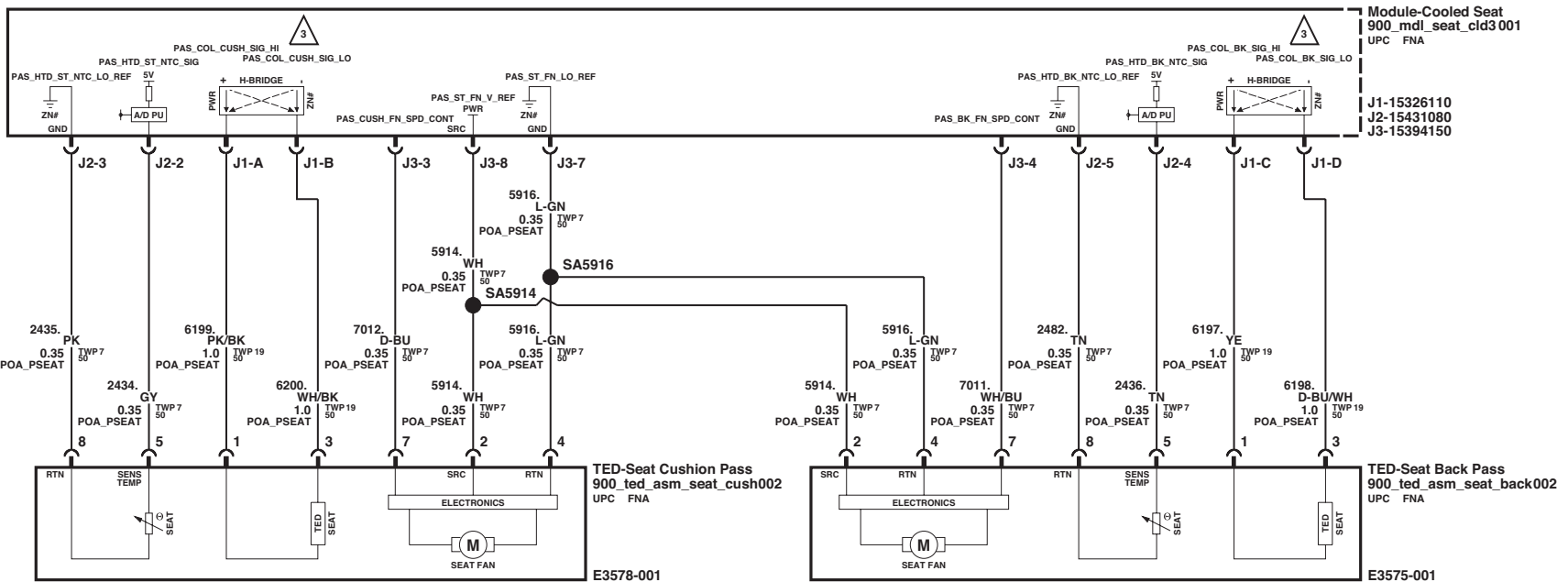


- NOTES**
- 1 – REAR COOLED SEATS ARE NOT SUPPORTED.
  - 2 – COOLED SEAT MODULE TED OUTPUTS ARE CURRENT LIMITED AT 27A.



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

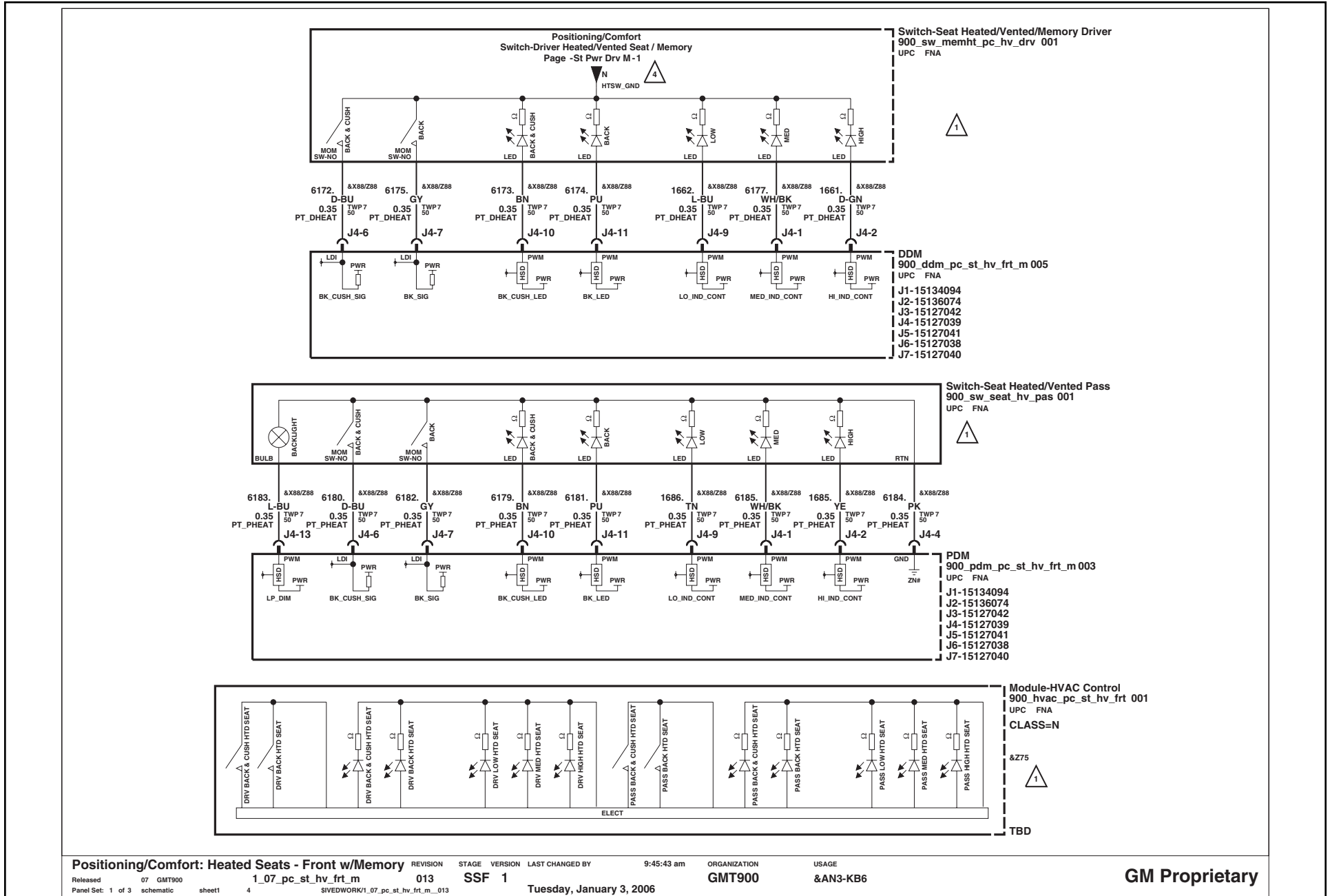
## Positioning/Comfort: Cooled/Heated Seats – Front w/Memory



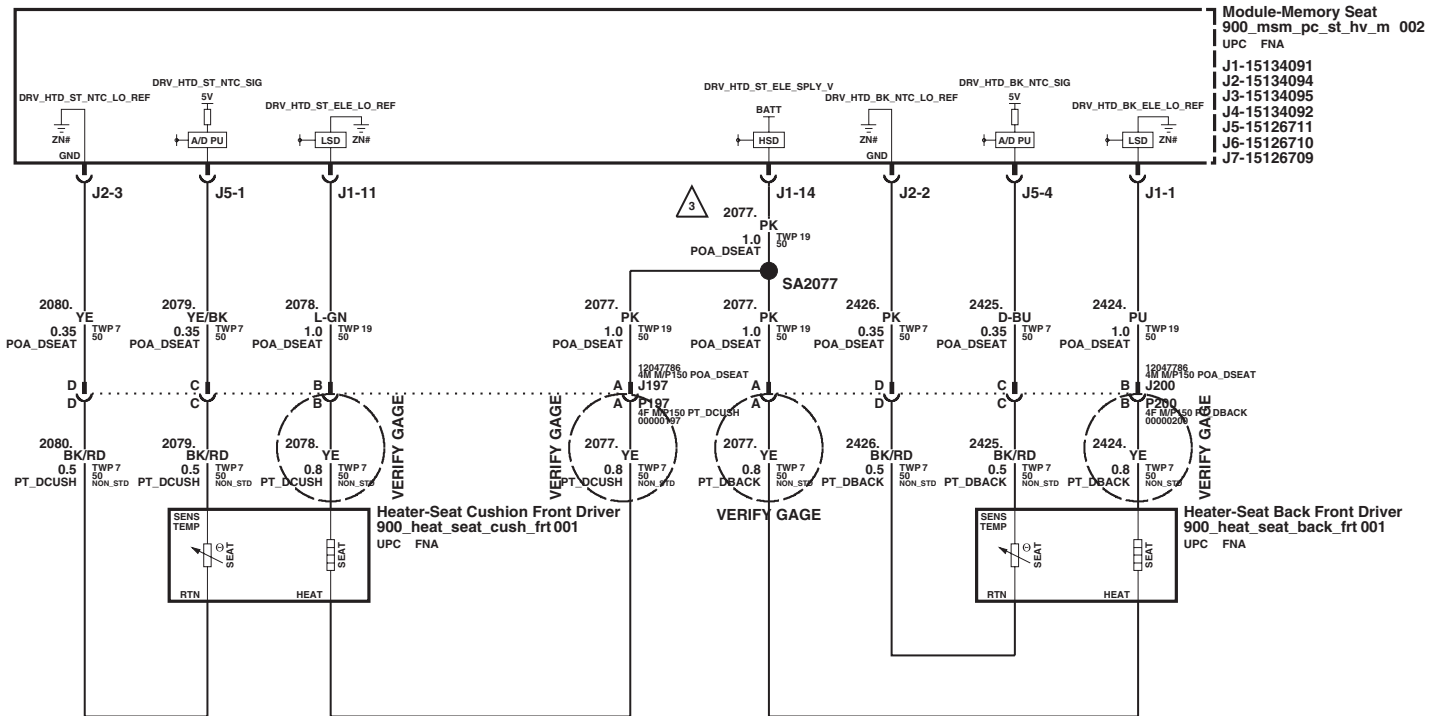
- NOTES**
- 1 – REAR COOLED SEATS ARE NOT SUPPORTED.
  - 2 – SAME OUTPUTS AS SEAT VENT.
  - 3 – COOLED SEAT MODULE TED OUTPUTS ARE CURRENT LIMITED AT 27A.

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Positioning/Comfort: Heated Seats – Front w/Memory

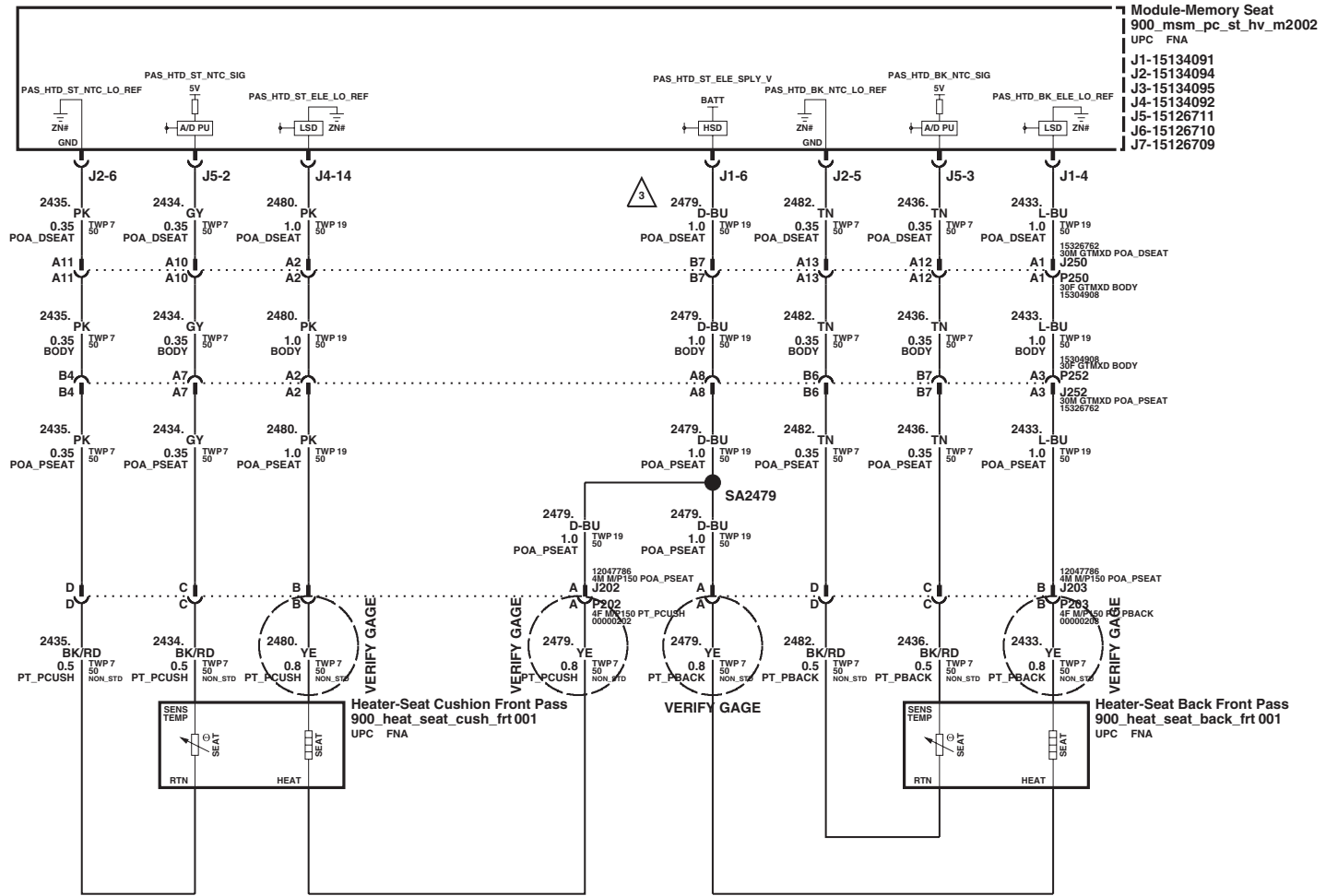


## Positioning/Comfort: Heated Seats – Front w/Memory



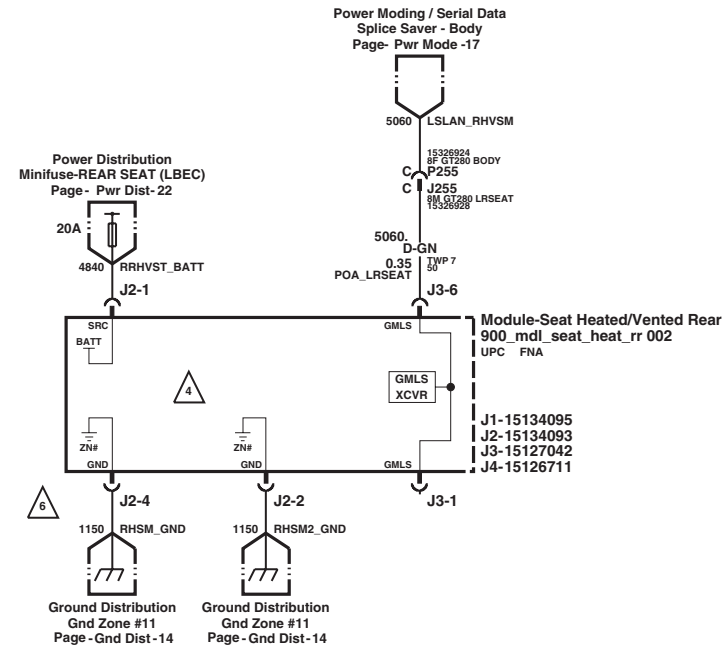
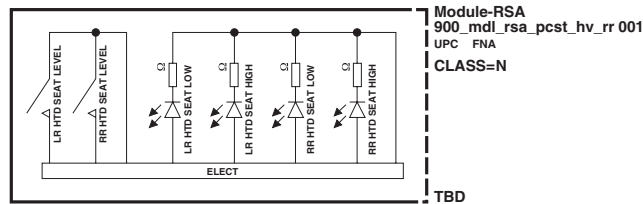
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Positioning/Comfort: Heated Seats – Front w/Memory



- NOTES**
- 1 — HEATED SEAT SWITCHES FOR CHEVY/GMC SHALL BE LOCATED ON FRONT DOORS WIRED TO DOOR MODULES (GMLAN COMMUNICATIONS FOR SWITCH STATUS), HEATED SEAT SWITCHES FOR CADILLAC SHALL BE IN HVAC CONTROLLER.
  - 2 — UP TO 3 MODES & 3 LEVELS SUPPORTED.
  - 3 — THIS CIRCUIT MAY NOT BE PROTECTED AGAINST A SHORT TO GROUND BY THE UPSTREAM MODULE. USE CARE WHEN SELECTING THE WIRE GAGE.
  - 4 — SEE MEMORY DRIVER SEAT FOR BACKLIGHTING BULBS.

## Positioning/Comfort: Heated Seats – Rear



Positioning/Comfort: Heated Seats - Rear

Released 07 GMT900 1\_07\_pc\_st\_hv\_rr  
Panel Set: 1 of 2 schematic sheet1 4 SIVEDWORK/1\_07\_pc\_st\_hv\_rr\_013

REVISION 013

STAGE VERSION SSF 1

LAST CHANGED BY Monday, September 12, 2005

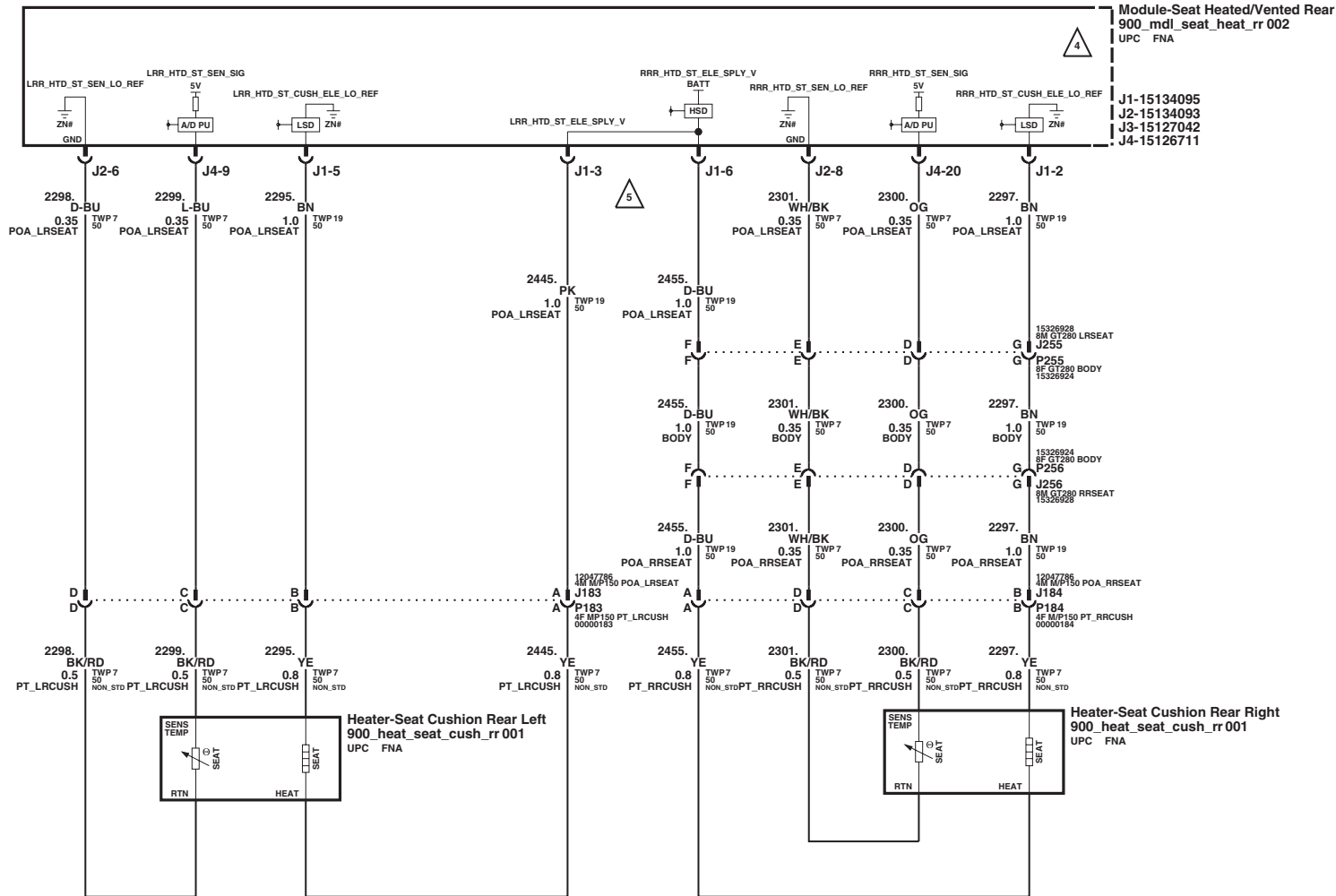
8:48:35 am

ORGANIZATION GMT900

USAGE &KA6

GM Proprietary

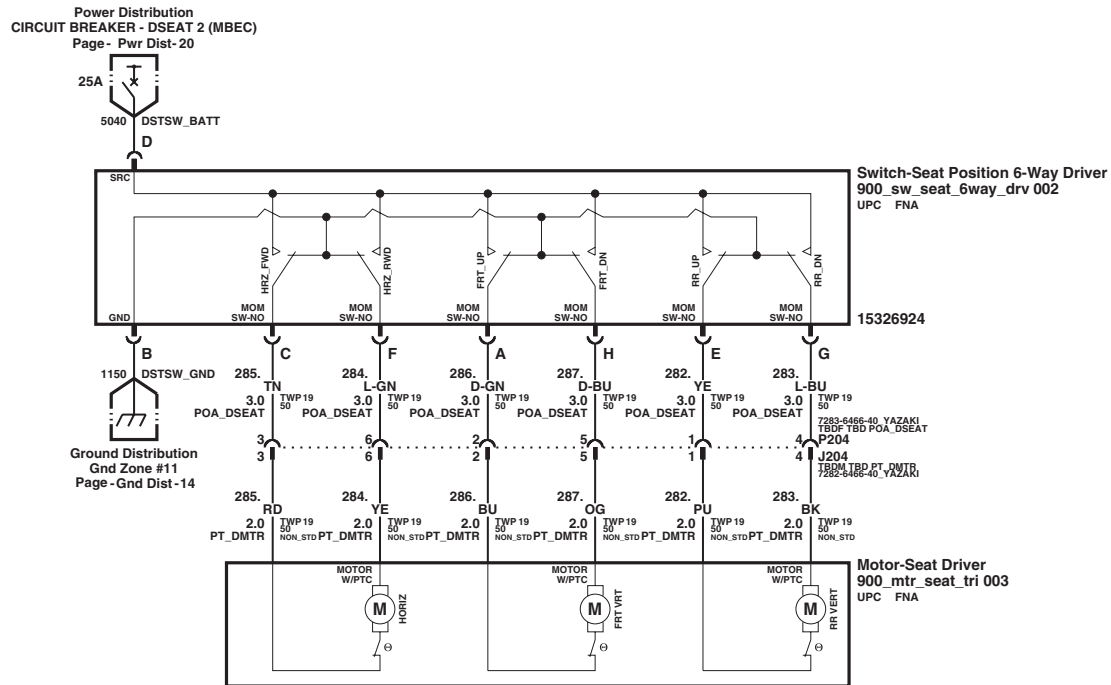
## Positioning/Comfort: Heated Seats – Rear



**NOTES**

- 1 — NO HEATED SEAT SWITCHES ON REAR DOORS.
- 2 — HEATED SEAT SWITCHES WILL BE LOCATED ON REAR HVAC HEAD OR REAR CONSOLE & WILL BE HARDWIRED TO THE MODULE.
- 3 — MAX CONTENT OF SINGLE MODE DUAL TEMP SUPPORTED.
- 4 — SAME MODULE AND HARDWARE AS HEATED/VENTED ALTHOUGH VENTED UNUSED.
- 5 — THIS CIRCUIT MAY NOT BE PROTECTED AGAINST A SHORT TO GROUND BY THE UPSTREAM MODULE. USE CARE WHEN SELECTING THE WIRE GAGE.
- 6 — PARALLEL GROUNDS MAY BE REQUIRED TO MEET GMLAN GROUND OFFSET REQUIREMENTS

## Positioning/Comfort: Power Driver Seat



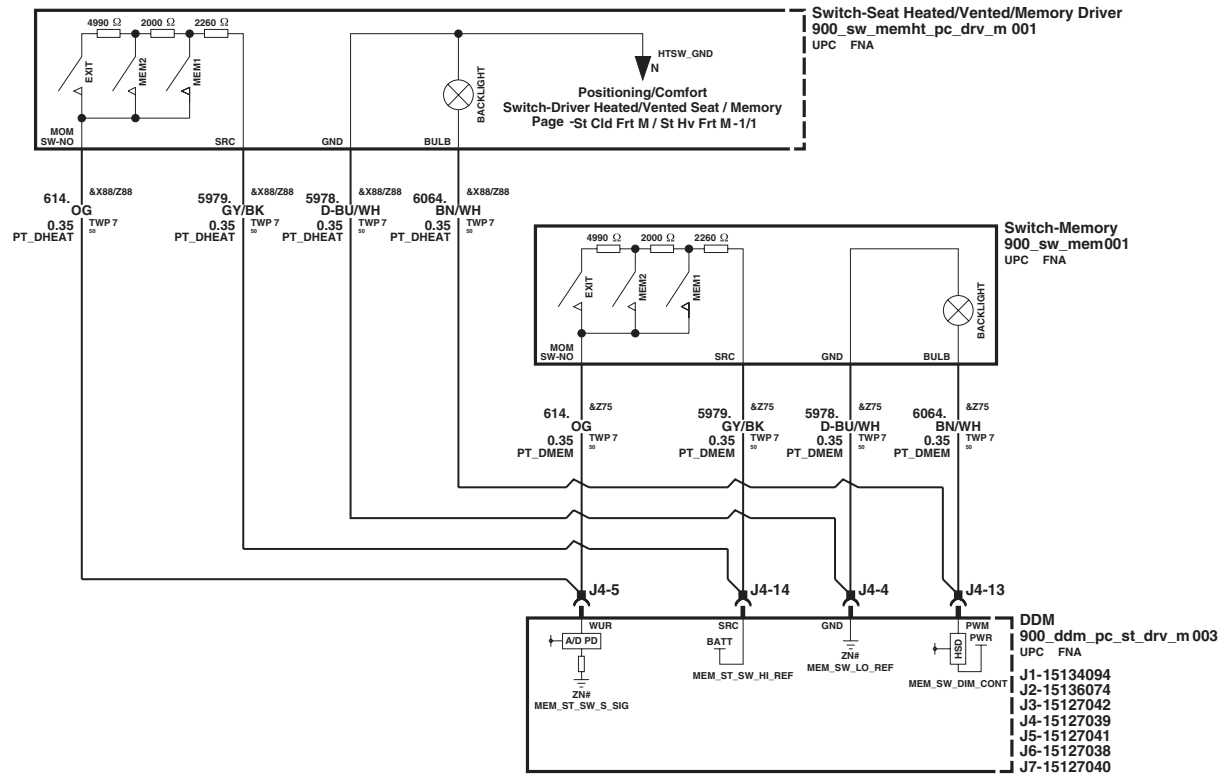
**Positioning/Comfort: Power Driver Seat**

Released 07 GMT900 1\_07\_pc\_st\_pwr\_drv 013  
Panel Set: 1 of 1 schematic sheet 1 SIVEDWORK/1\_07\_pc\_st\_pwr\_drv\_013

REVISION STAGE VERSION LAST CHANGED BY ORGANIZATION USAGE  
013 SSF 1 Friday, September 2, 2005 GMT900 &AG1-AN3

**GM Proprietary**

## Positioning/Comfort: Power Driver Seat w/Memory



**NOTES**

- 1 — SEE INDIVIDUAL SUBSYSTEMS FOR MEMORY ADJUSTABLE PEDALS, HEATED FRONT SEATS, MIRRORS, & COOLED FRONT SEATS (IF MEMORY).
- TXL IS USED ON THE WIRES FOR THE MOTORS PER LEAR REQUEST.

Positioning/Comfort: Power Driver Seat w/Memory

Released 07 GMT900 1\_07\_pc\_st\_pwr\_drv\_m 013  
Panel Set: 1 of 4 schematic sheet1 1 SIVEDWORK/1\_07\_pc\_st\_pwr\_drv\_m\_013

REVISION STAGE VERSION LAST CHANGED BY 1:12:45 pm  
SSF 1 Friday, September 2, 2005

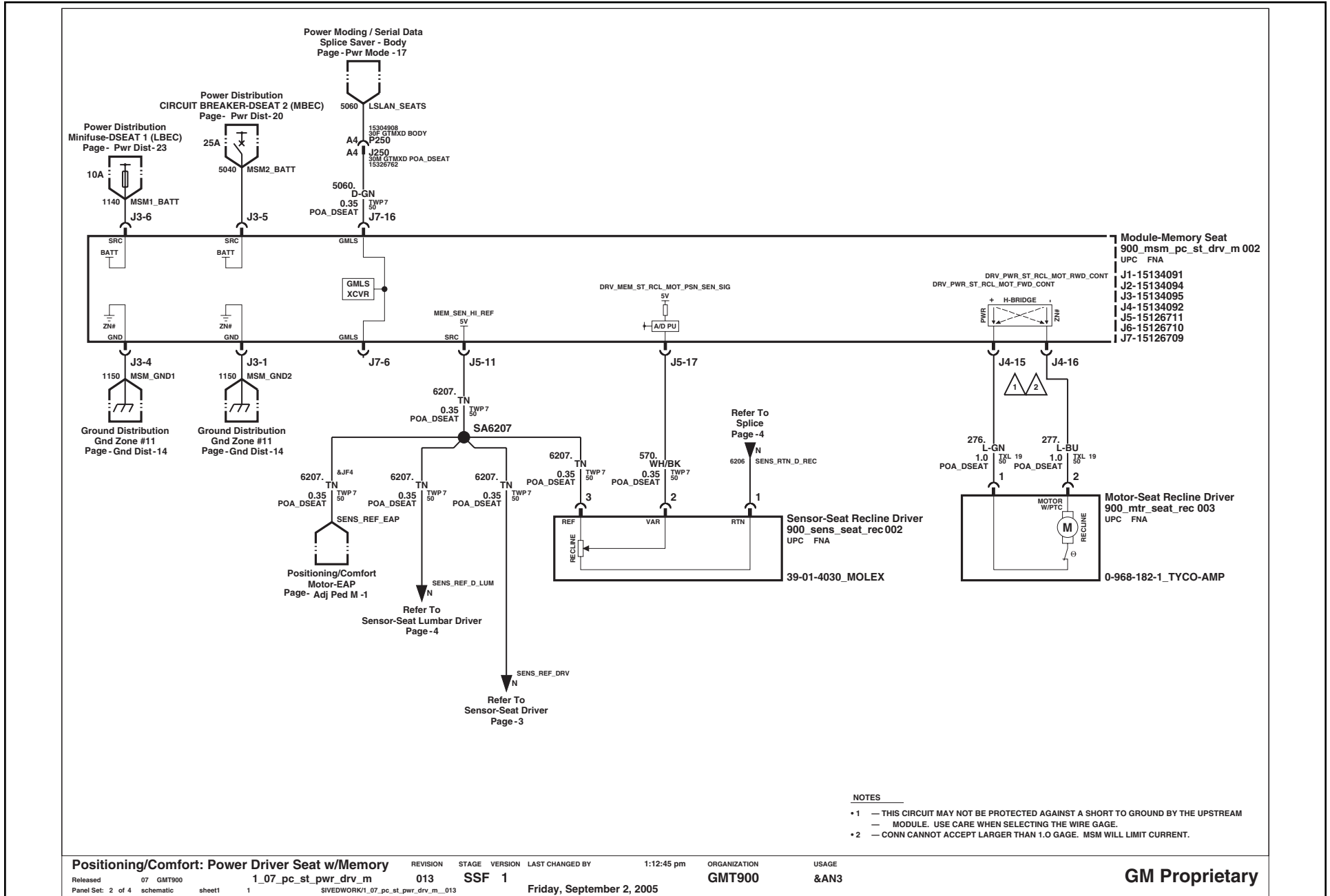
ORGANIZATION  
GMT900

USAGE  
&AN3

GM Proprietary

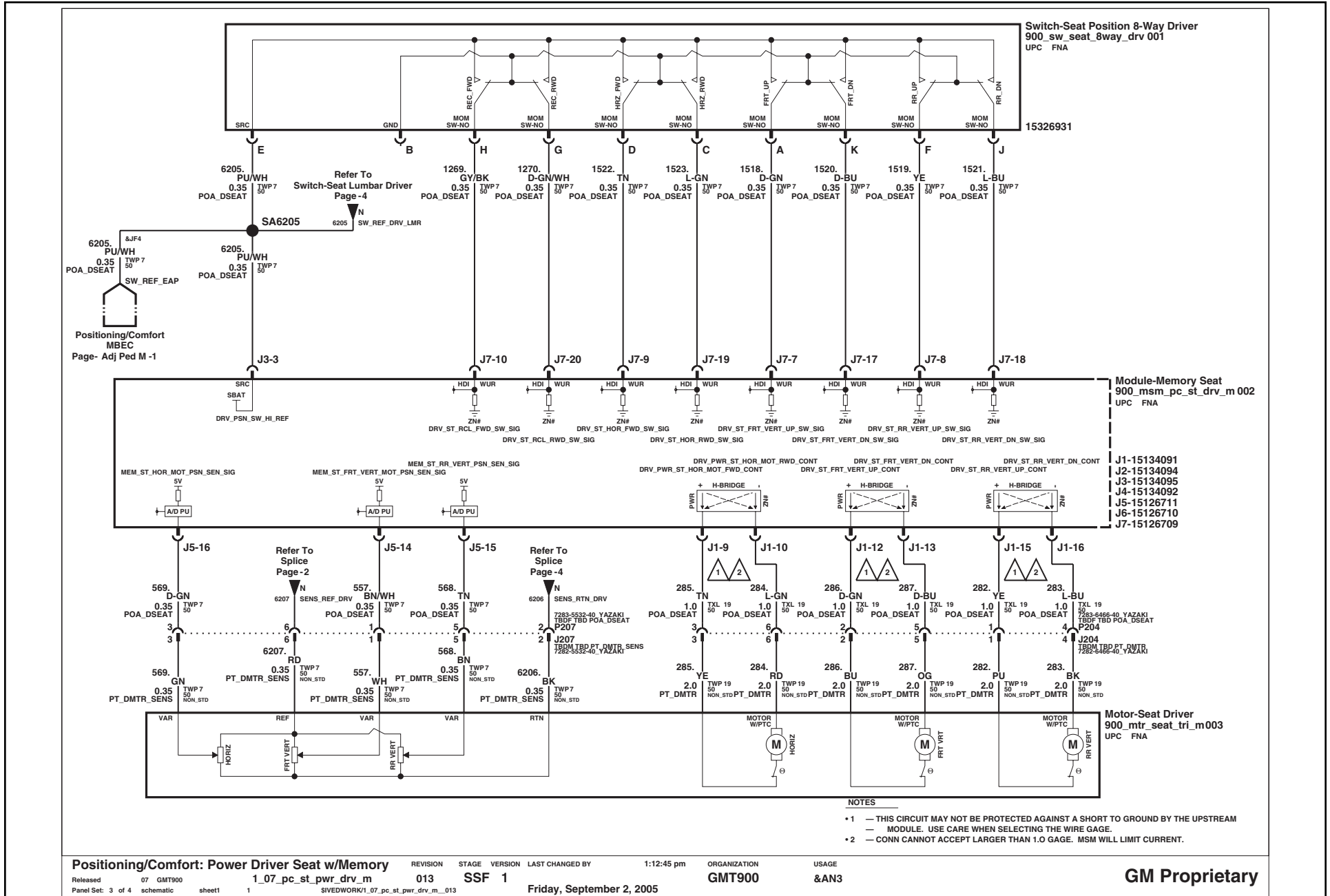


## Positioning/Comfort: Power Driver Seat w/Memory

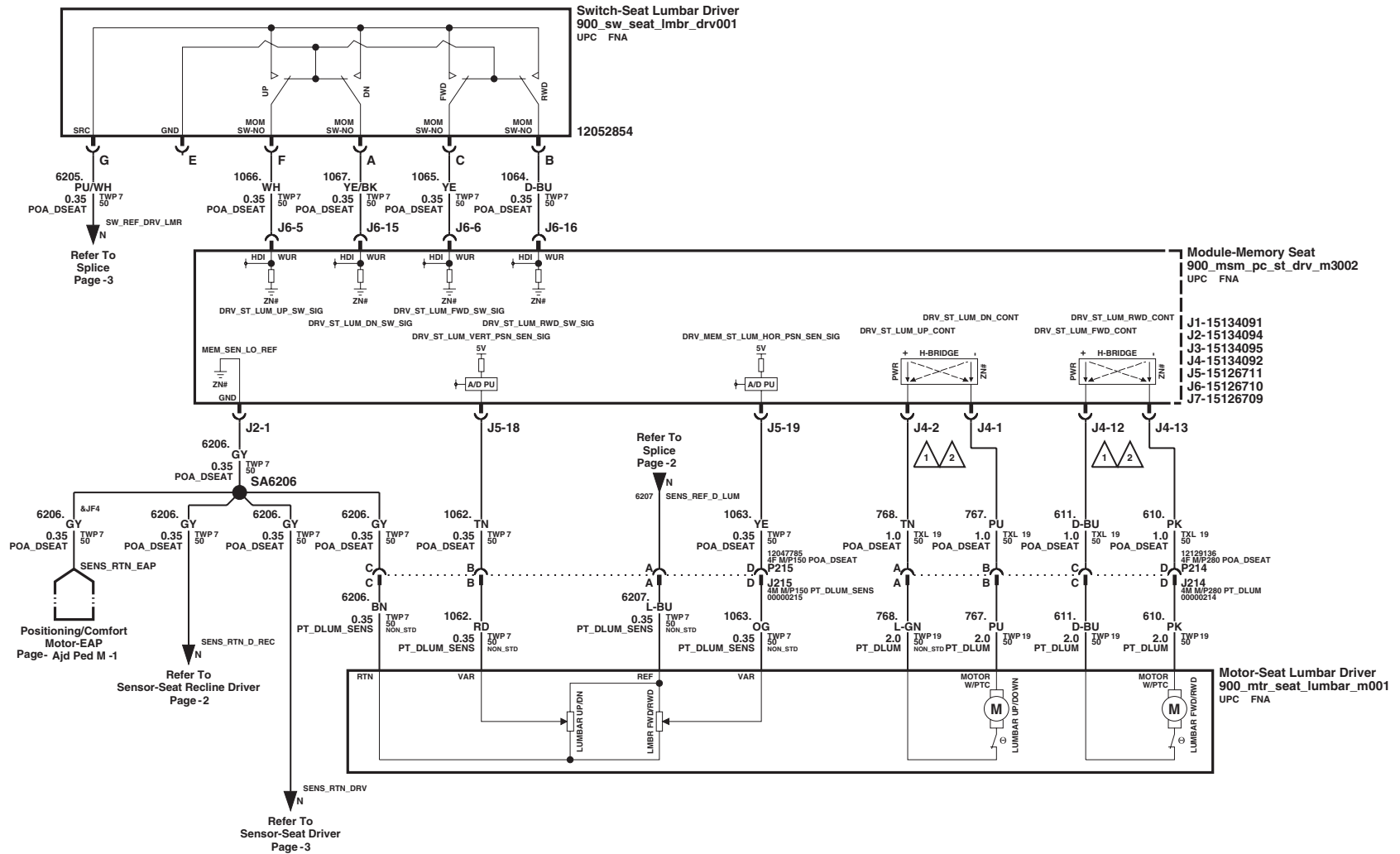


# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Positioning/Comfort: Power Driver Seat w/Memory

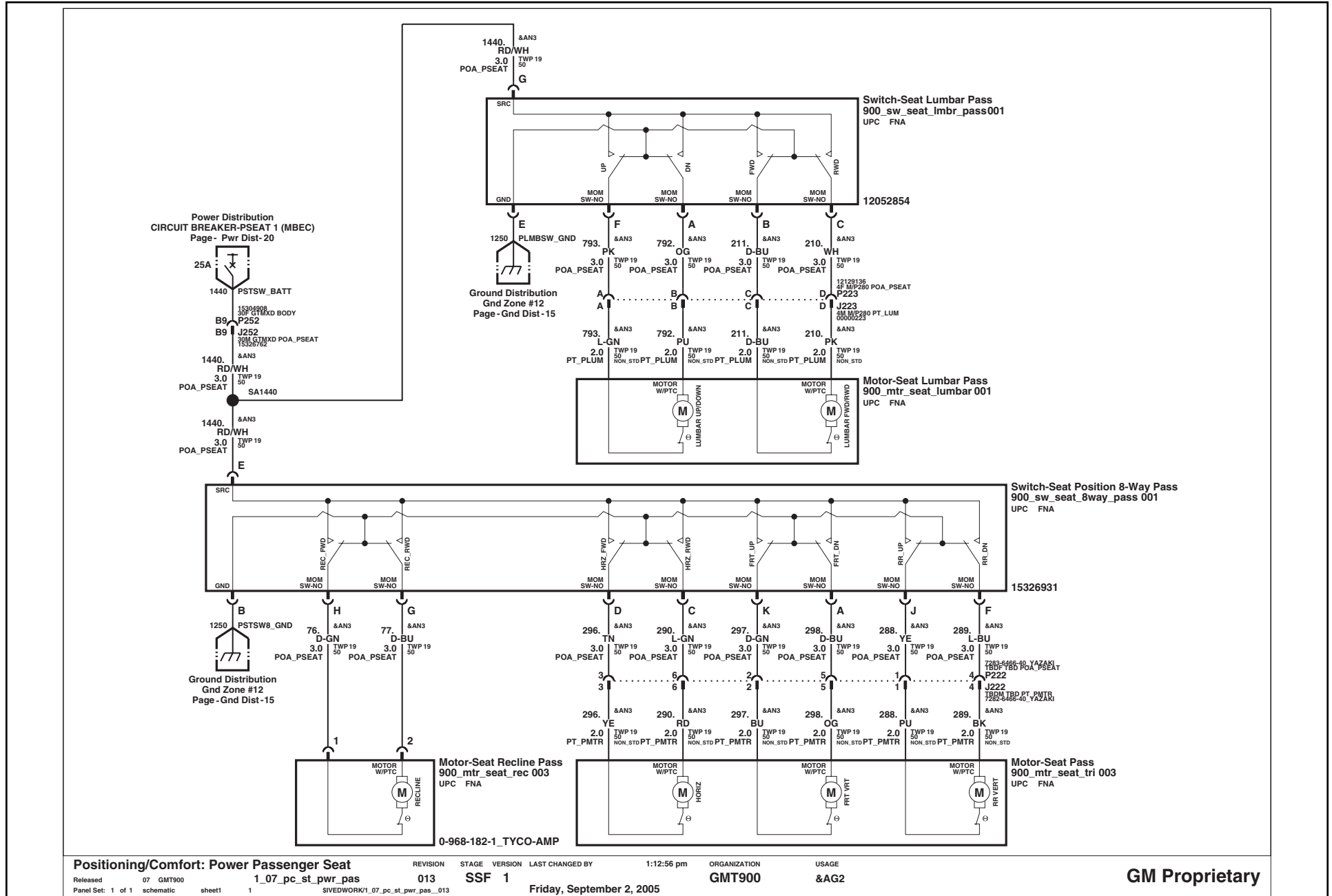


## Positioning/Comfort: Power Driver Seat w/Memory



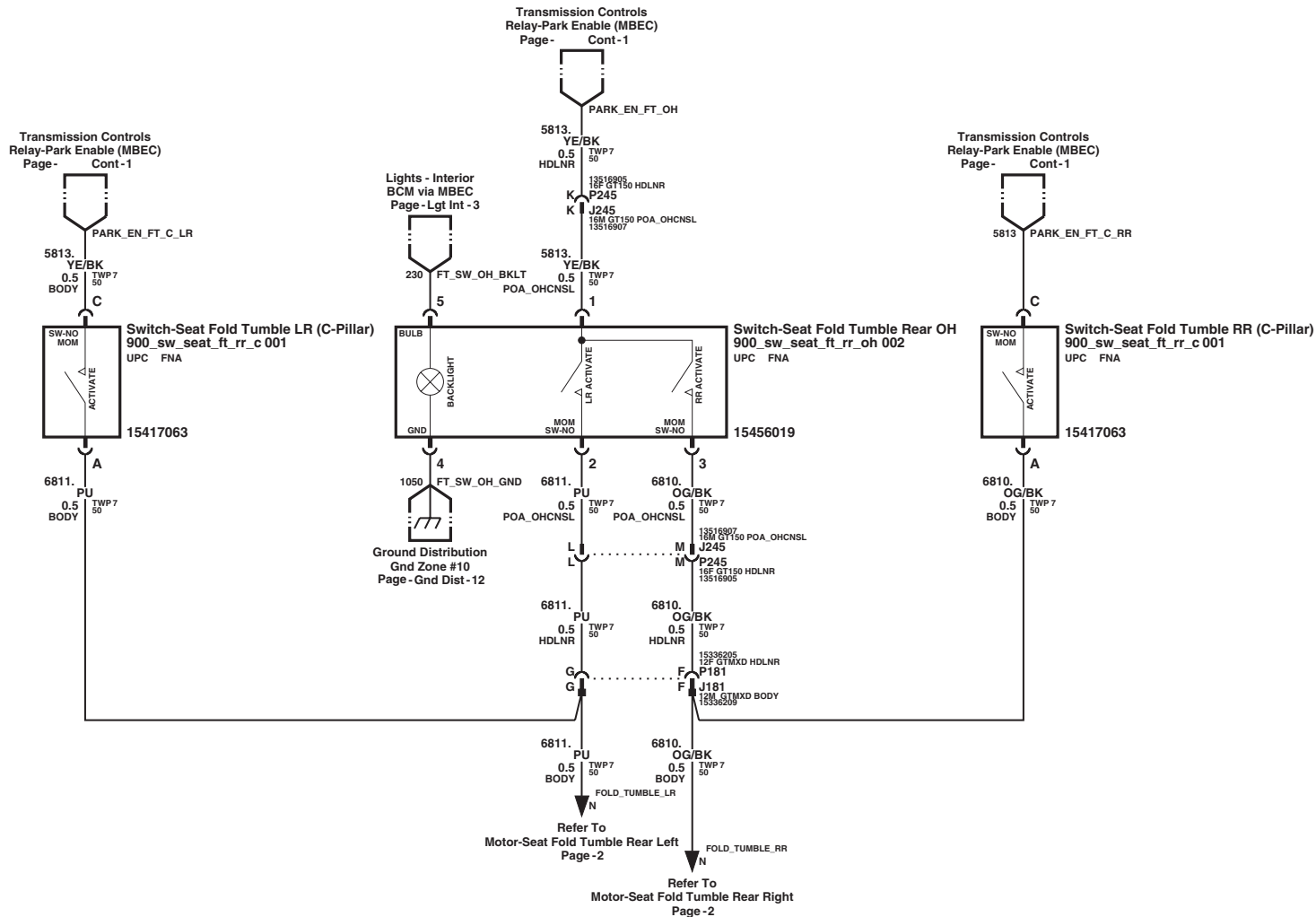
- NOTES**
- \*1 — THIS CIRCUIT MAY NOT BE PROTECTED AGAINST A SHORT TO GROUND BY THE UPSTREAM MODULE. USE CARE WHEN SELECTING THE WIRE GAGE.
  - \*2 — CONN CANNOT ACCEPT LARGER THAN 1.0 GAGE. MSM WILL LIMIT CURRENT.

## Positioning/Comfort: Power Passenger Seat



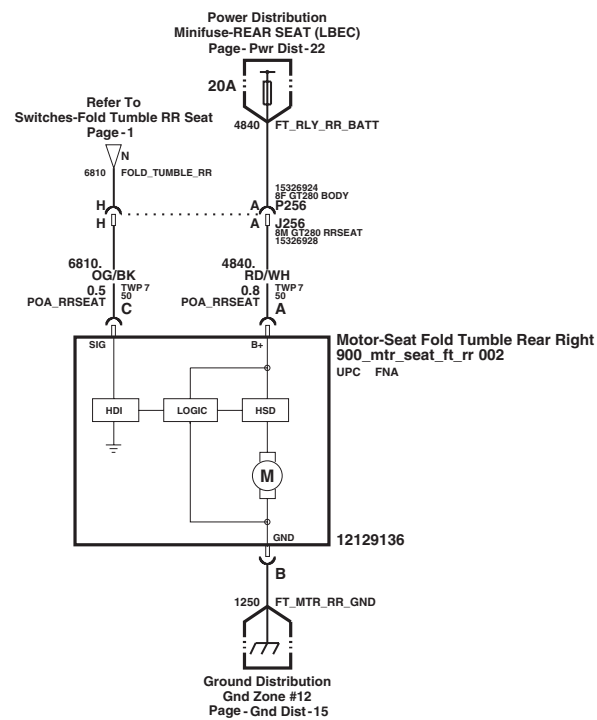
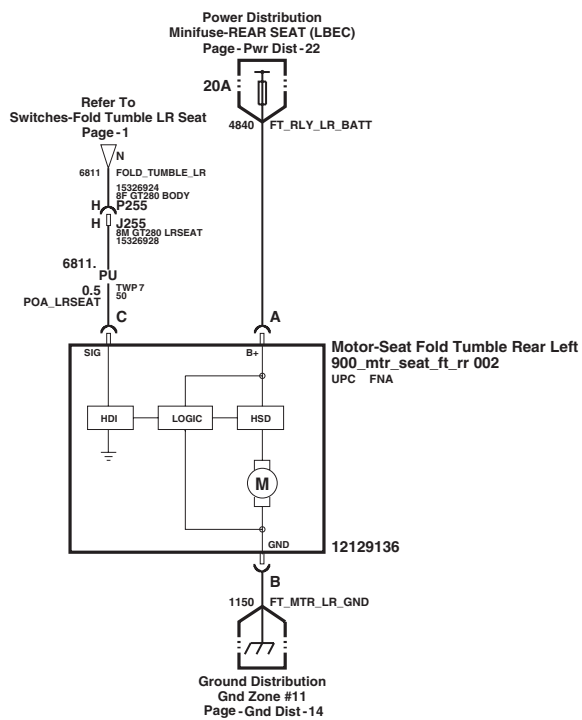
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Positioning/Comfort: Power Fold & Tumble Second Row Seats



**NOTES**  
 • 1 — FOLD & TUMBLE SEATS ONLY WORK WHEN VEHICLE IN PARK.

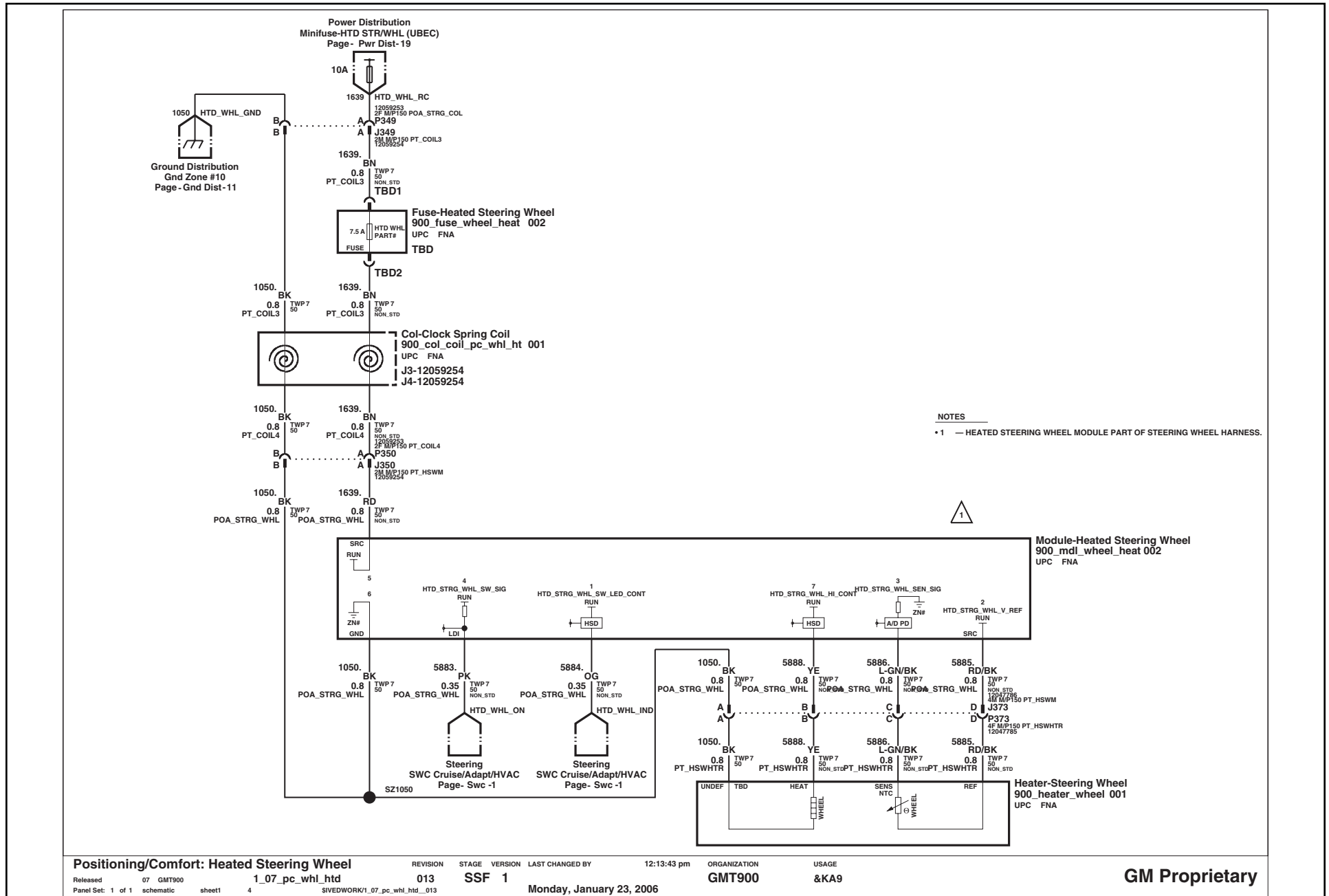
## Positioning/Comfort: Power Fold & Tumble Second Row Seats



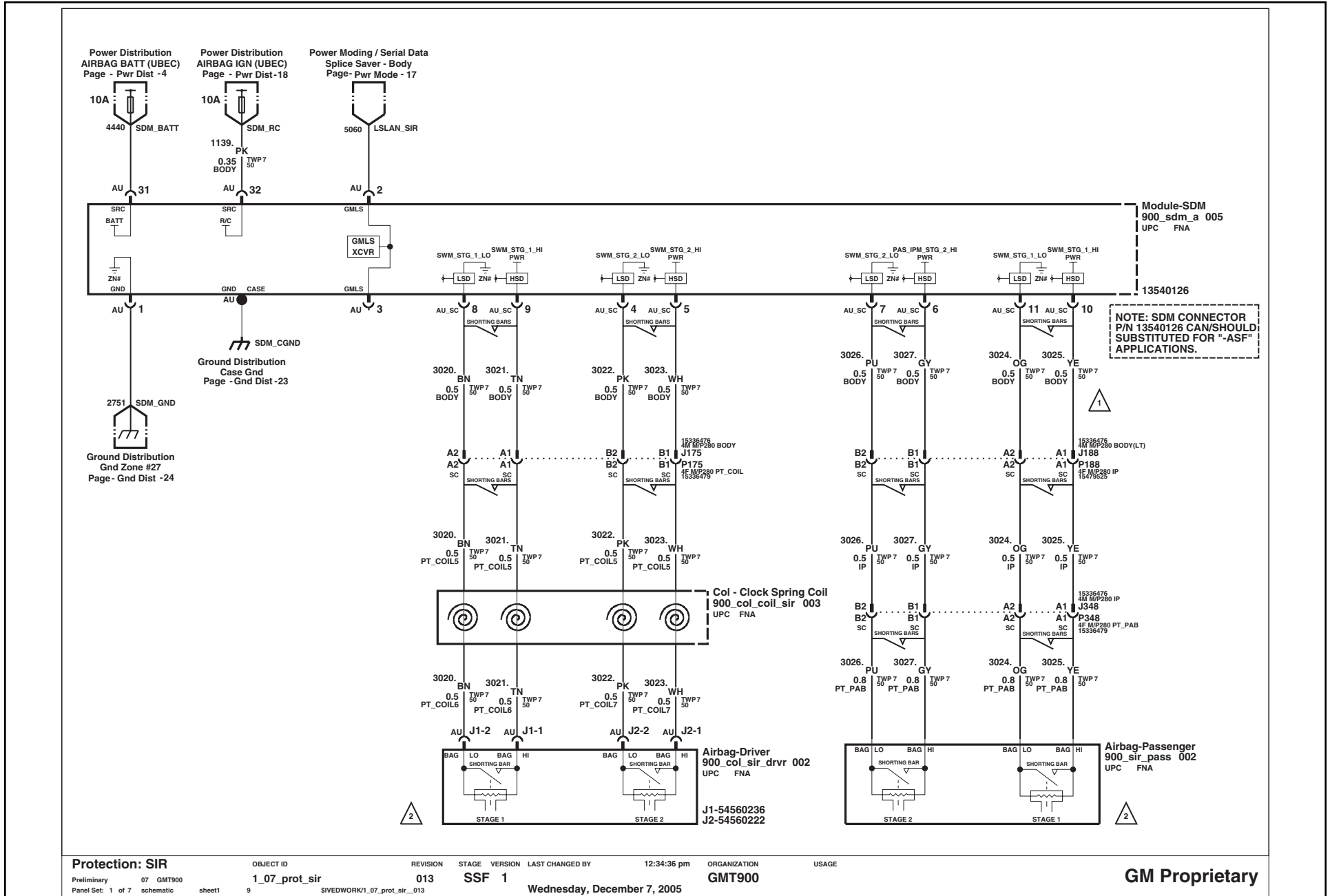
**NOTES**

- 1 — FOLD & TUMBLE SEATS ONLY WORK WHEN VEHICLE IN PARK.

## Positioning/Comfort: Heated Steering Wheel

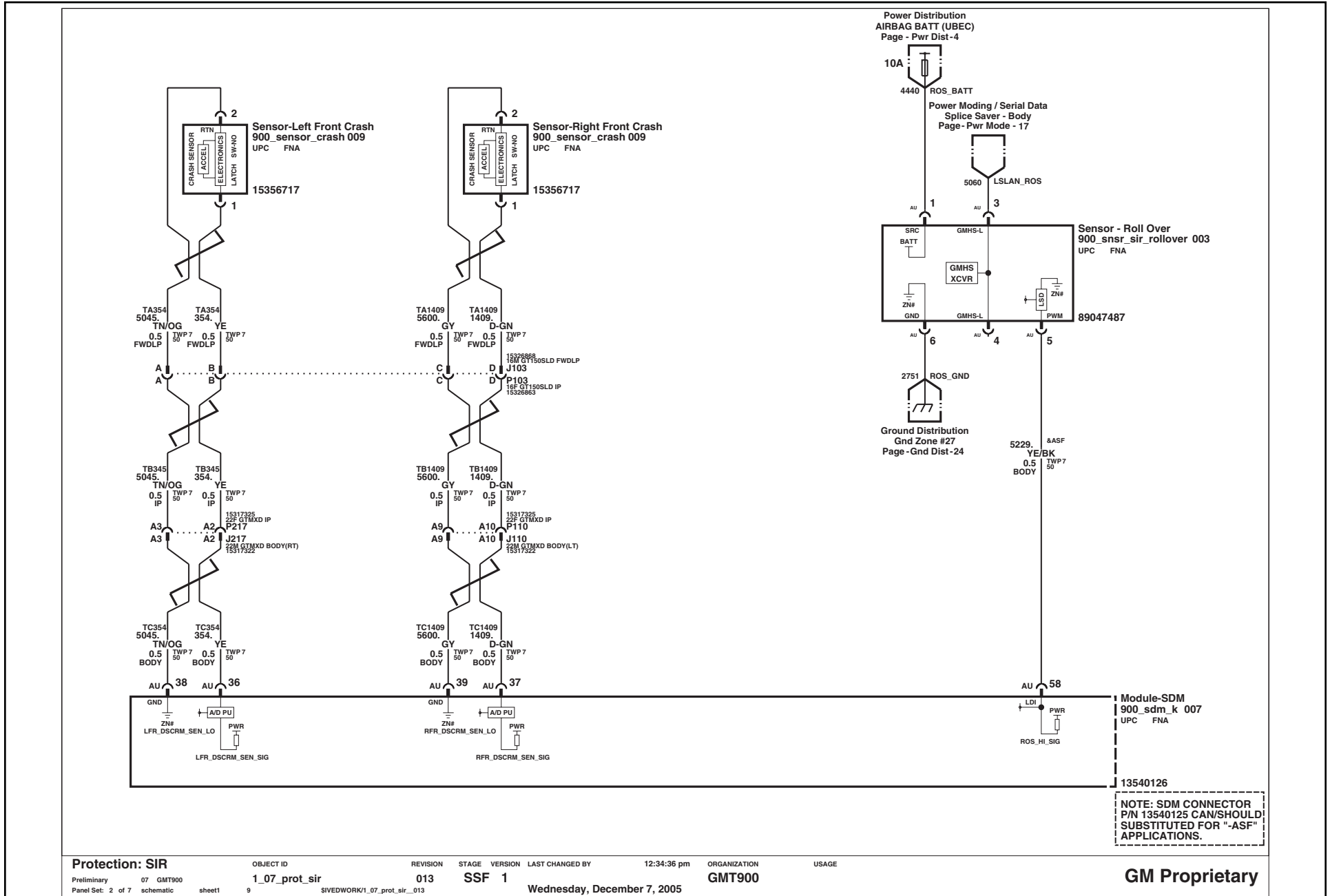


## Protection: SIR - Utility



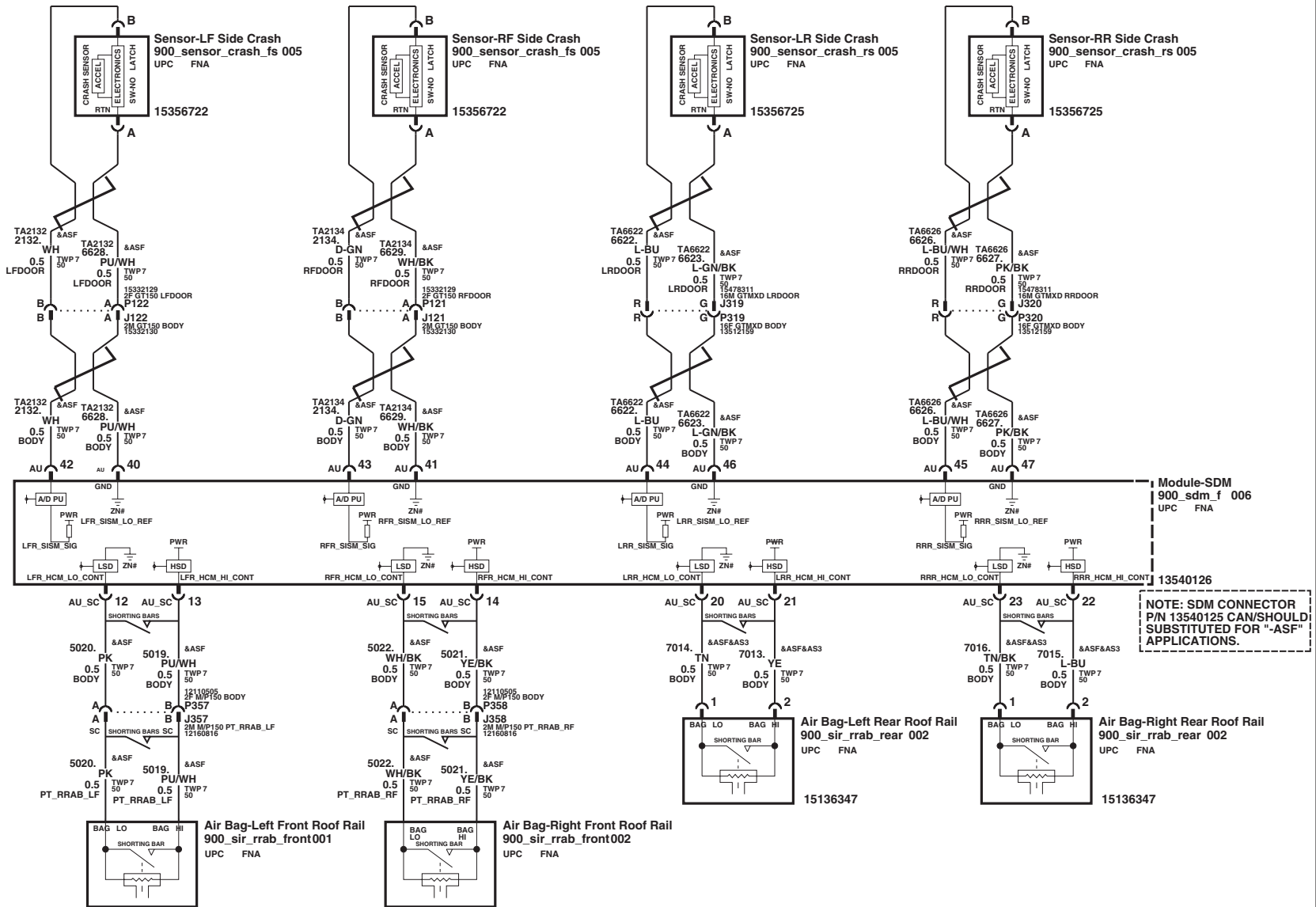


## Protection: SIR – Utility

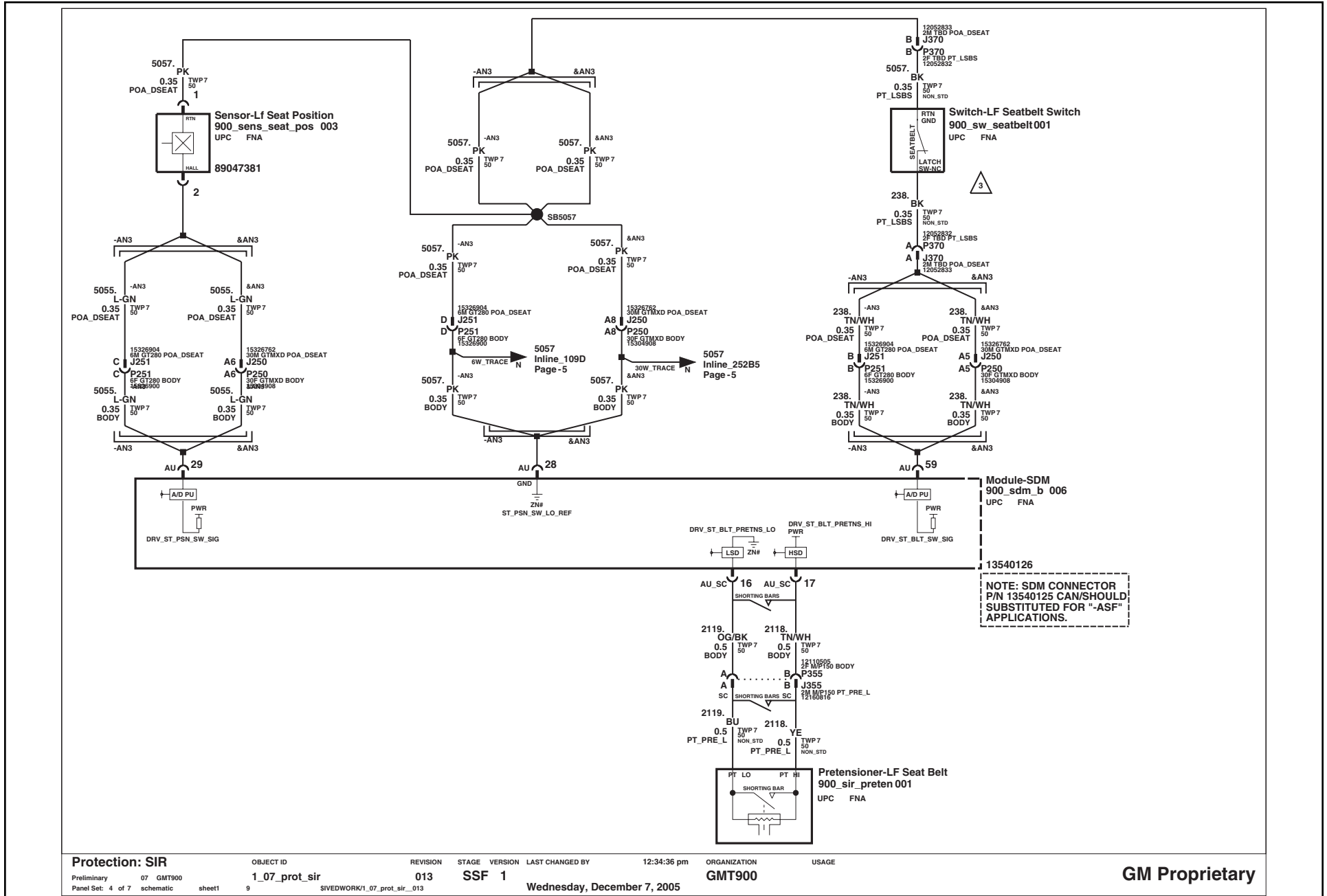


# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Protection: SIR - Utility

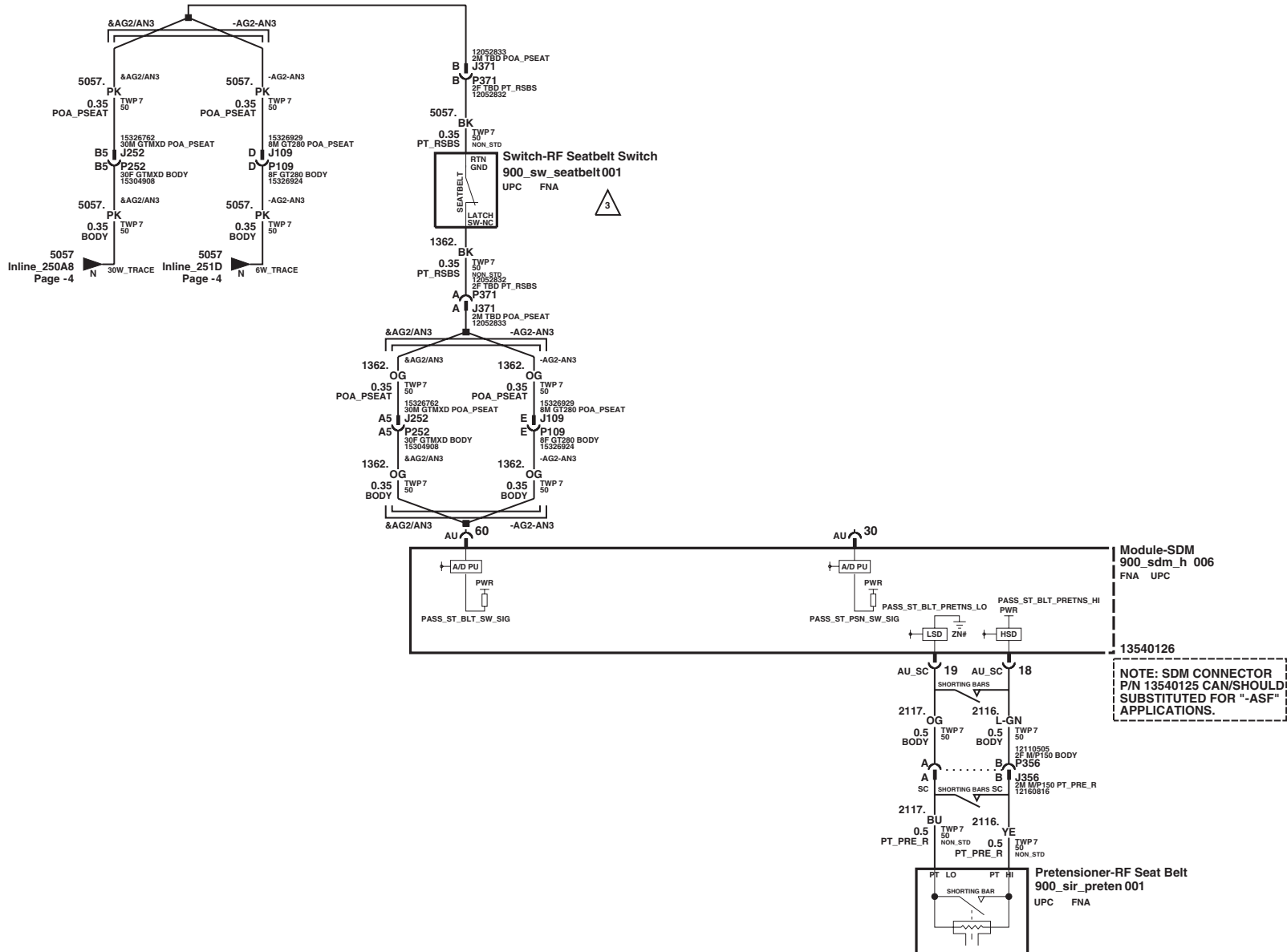


## Protection: SIR – Utility



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

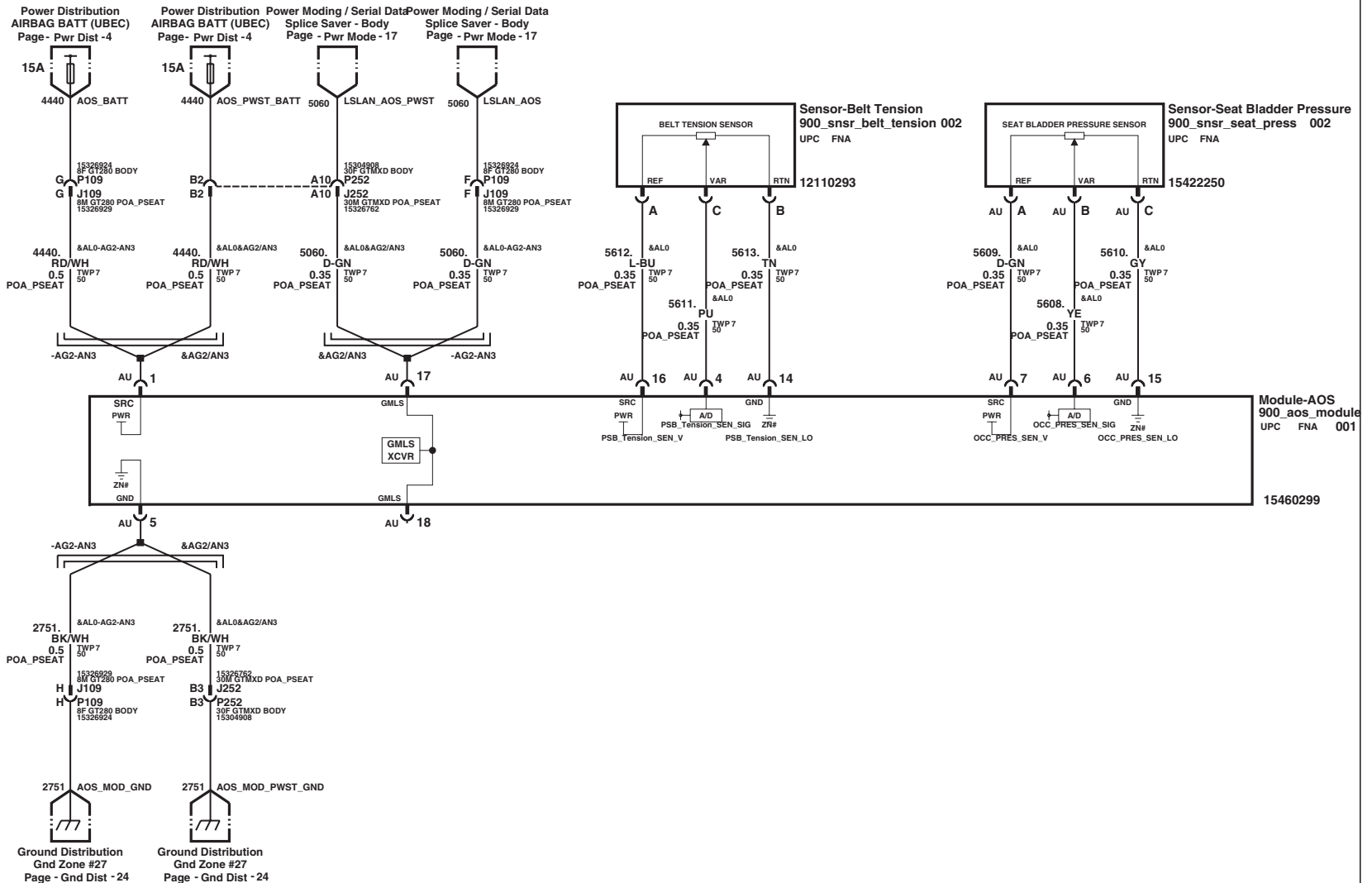
## Protection: SIR - Utility



Protection: SIR	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	12:34:36 pm	ORGANIZATION	USAGE
Preliminary	07 GMT900	1_07_prot_sir	013	SSF	1		GMT900	
Panel Set: 5 of 7	schematic	sheet1	9	SIVEDWORK/1_07_prot_sir_013		Wednesday, December 7, 2005		

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## Protection: SIR - Utility



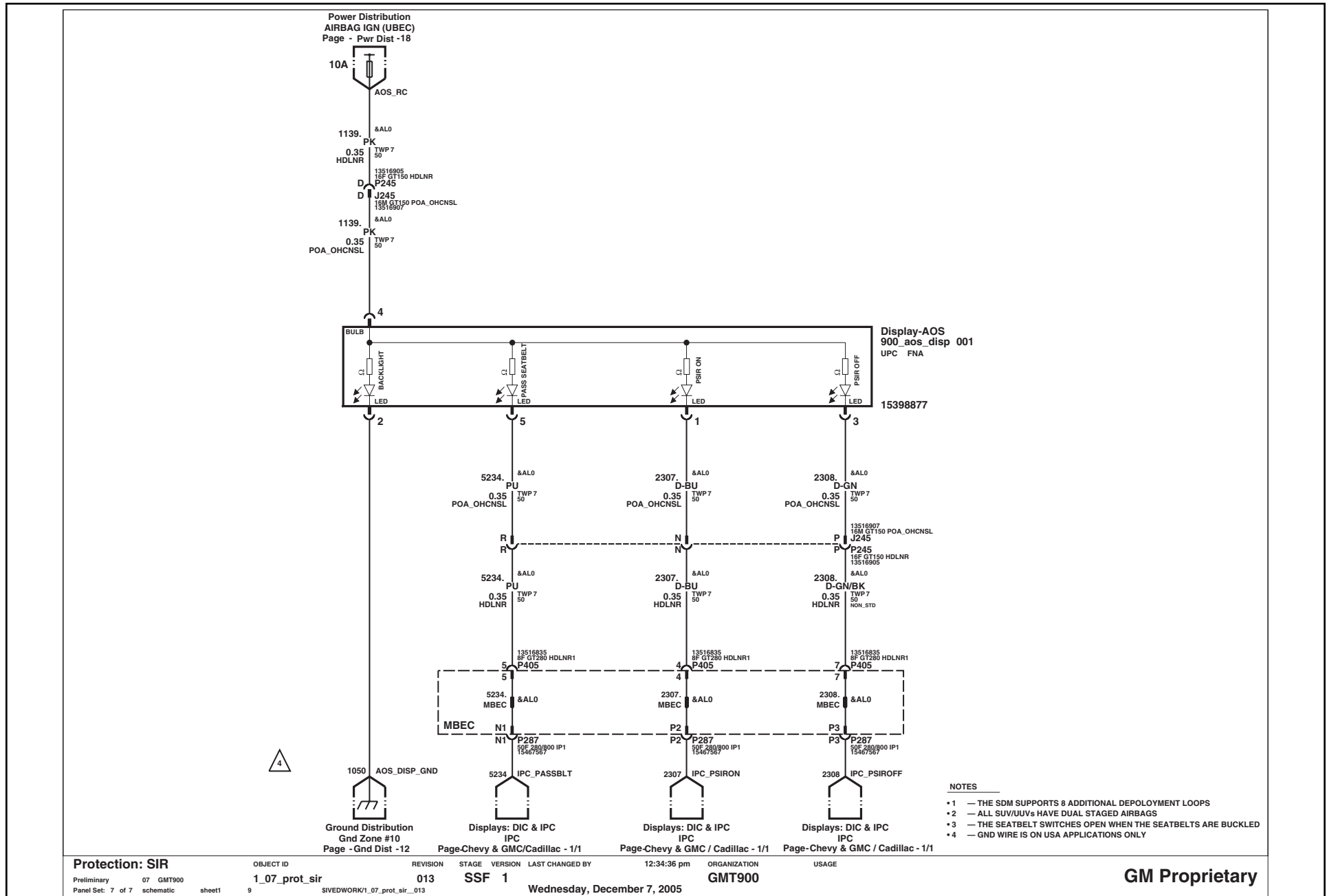
Protection: SIR	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	12:34:36 pm	ORGANIZATION	USAGE
Preliminary	07 GMT900	1_07_prot_sir	013	SSF 1			GMT900	
Panel Set: 6 of 7 schematic sheet1	9	SIVEDWORK/1_07_prot_sir_013			Wednesday, December 7, 2005			

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# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

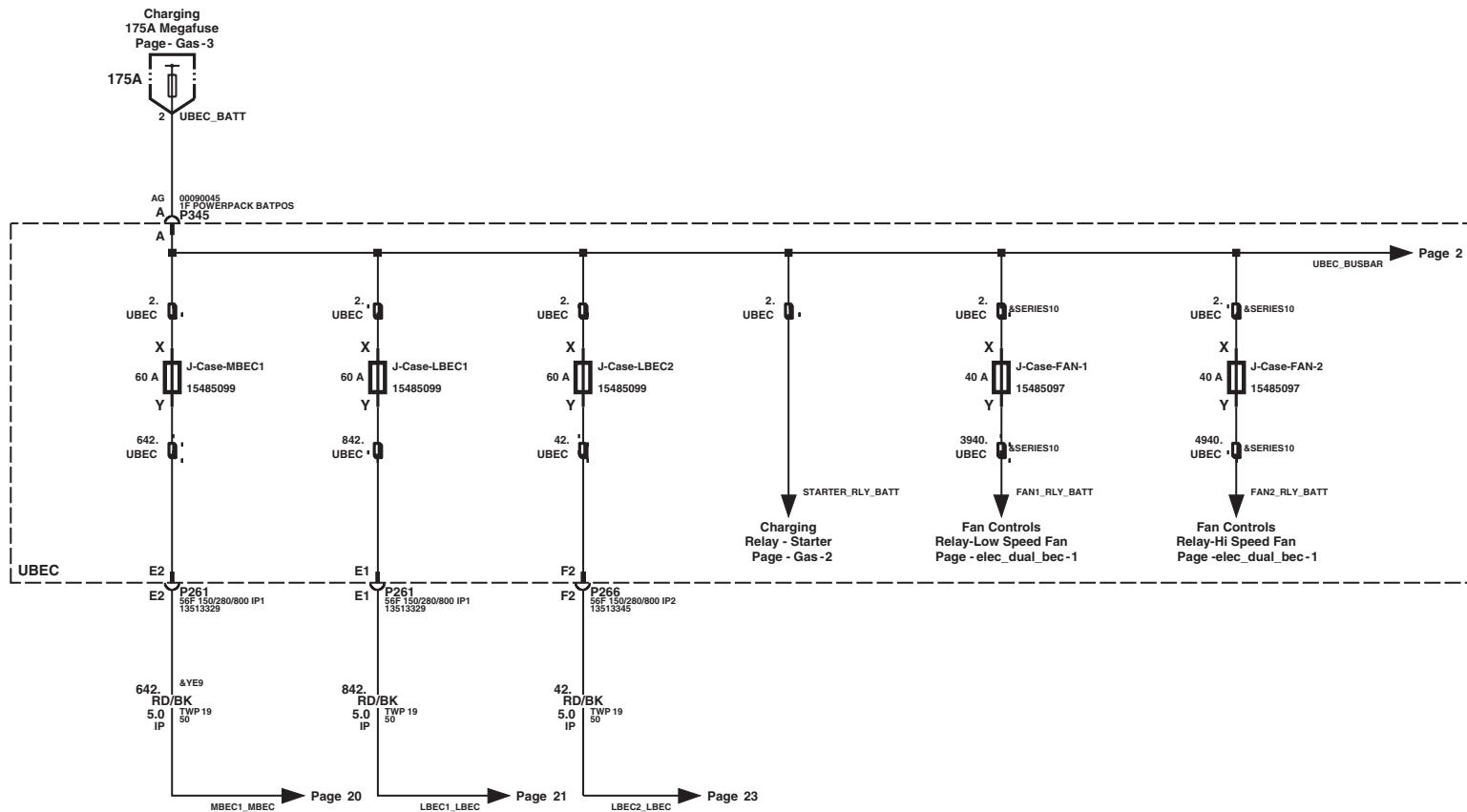
PAGE **D-202**

## Protection: SIR – Utility



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Power Distribution



**Power Distribution**

OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	10:29:17 am	ORGANIZATION	USAGE
1_07_pwr_dist	013	SSF	1			GMT900	

Preliminary 07 GMT900 sheet1  
 Panel Set: 1 of 26 schematic sheet1

SIVEDWORK/1\_07\_pwr\_dist\_013

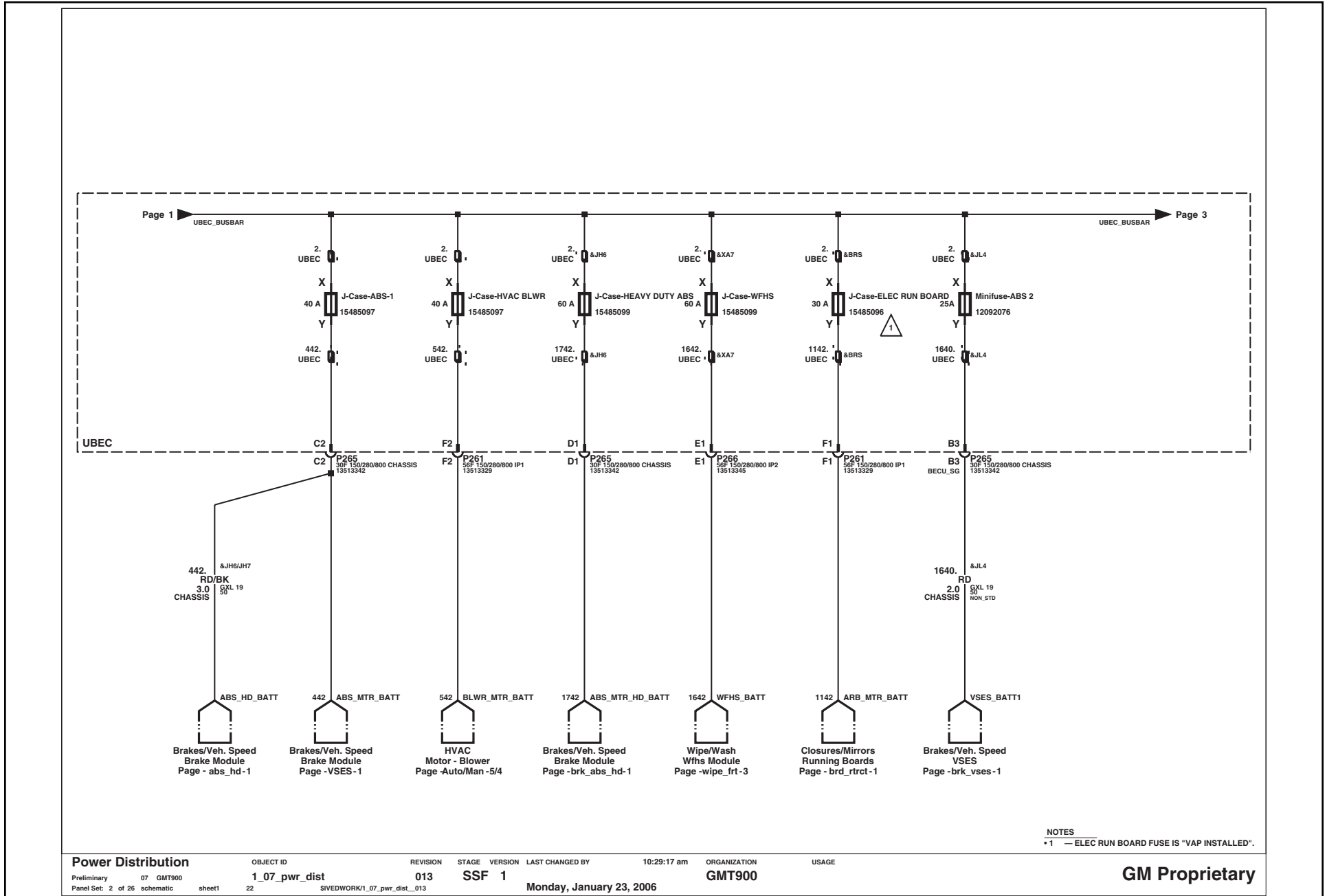
Monday, January 23, 2006

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# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

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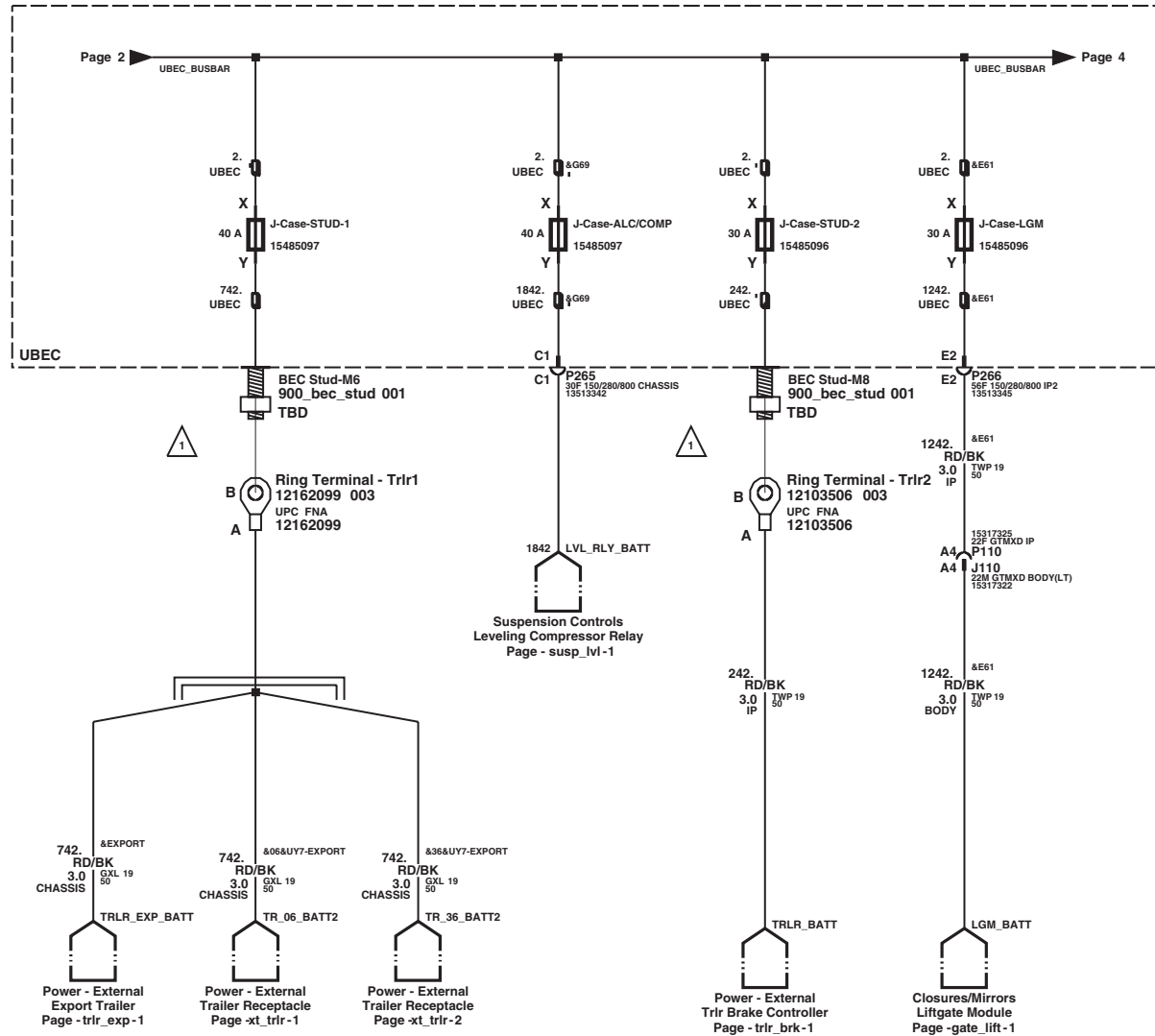
## Power Distribution





# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Power Distribution



NOTES  
 \* 1 — THE RING TERMINAL CONNECTIONS TO THE STUD 1 AND STUD 2 J-CASE FUSES  
 \* — ARE NOT MADE AT THE VAP AND ARE "CUSTOMER INSTALLED".

**Power Distribution**

OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	ORGANIZATION	USAGE
1_07_pwr_dist	013	SSF	1	10:29:17 am	GMT900	

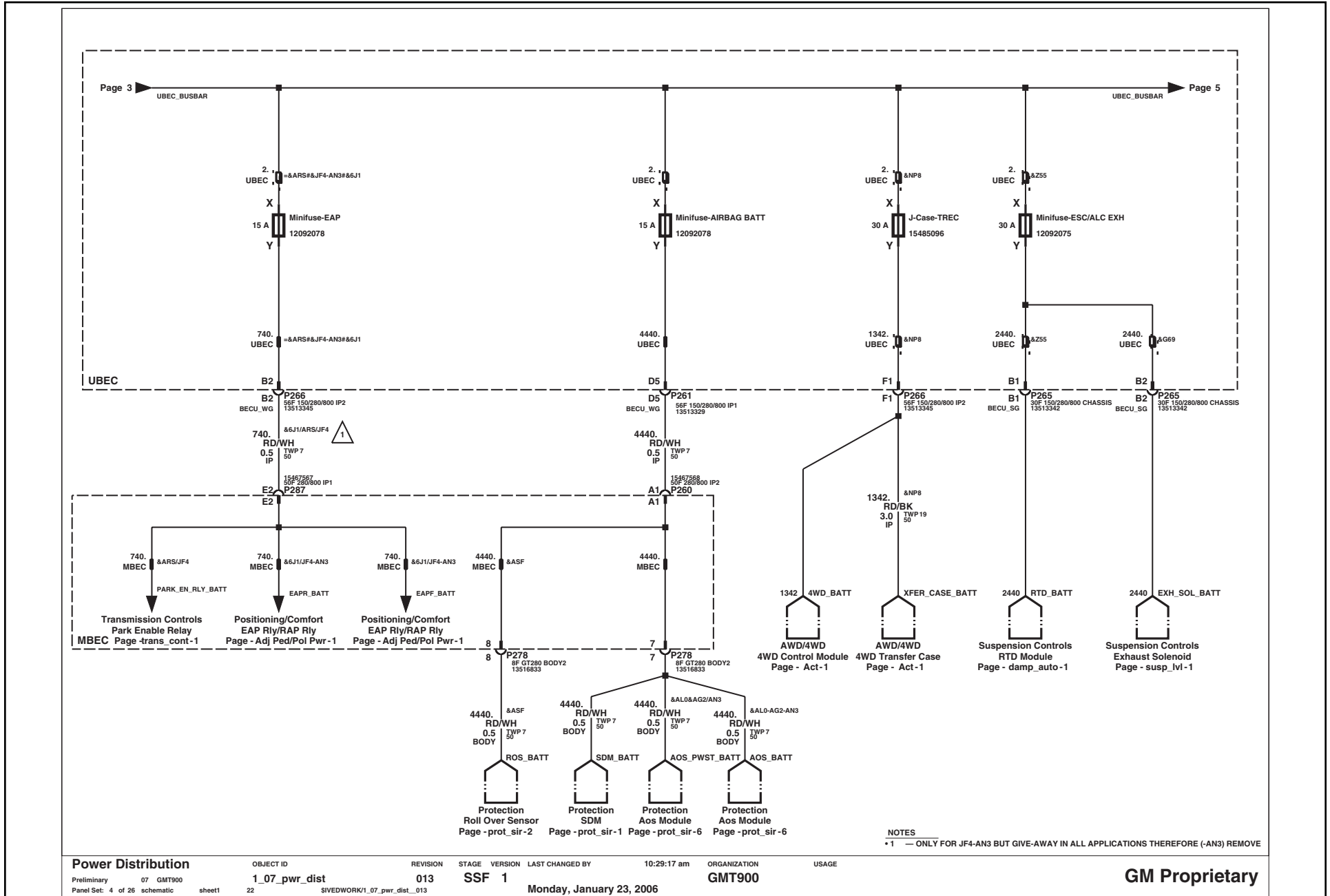
Preliminary 07 GMT900  
 Panel Set: 3 of 26 schematic sheet1

22 SIVEDWORK/1\_07\_pwr\_dist\_013  
 Monday, January 23, 2006

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# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

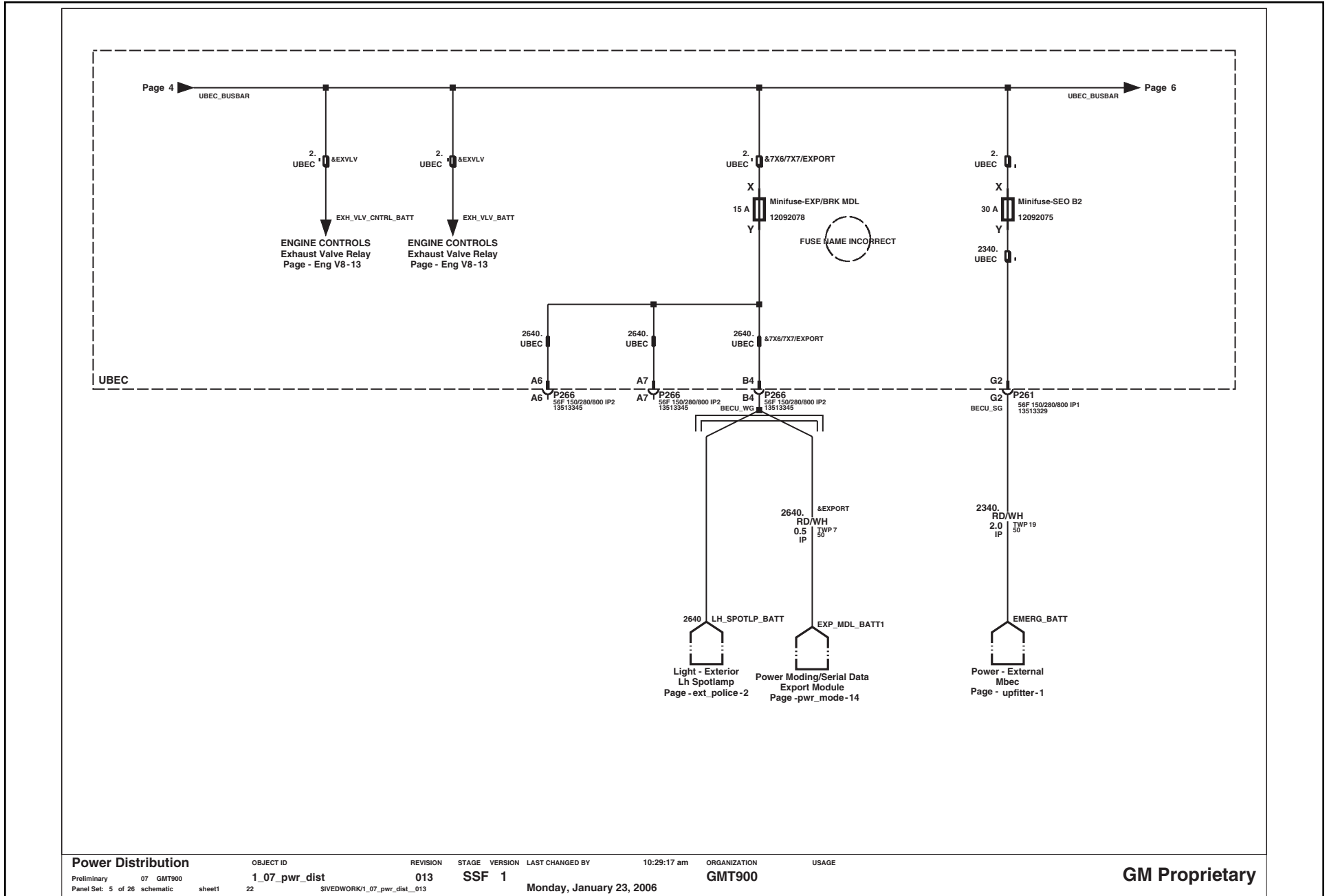
## Power Distribution



Power Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	10:29:17 am	ORGANIZATION	USAGE
Preliminary	07 GMT900	1_07_pwr_dist	013	SSF	1	Monday, January 23, 2006	GMT900	
Panel Set: 4 of 26 schematic sheet1	22	SIVEDWORK/1_07_pwr_dist_013						

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## Power Distribution



**Power Distribution**

OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	ORGANIZATION	USAGE
1_07_pwr_dist	013	SSF	1	10:29:17 am	GMT900	

Preliminary 07 GMT900  
Panel Set: 5 of 26 schematic sheet1

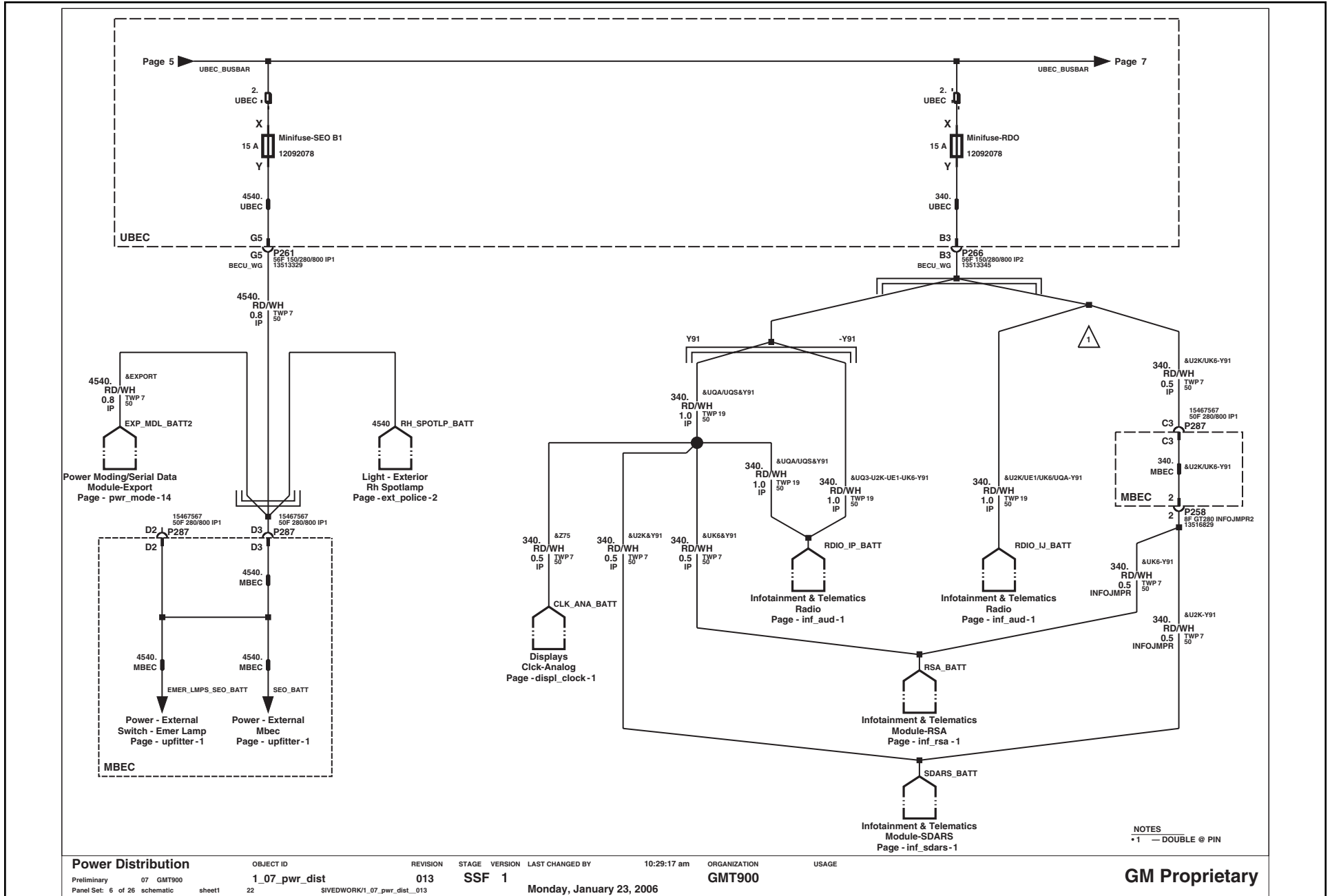
SIVEDWORK/1\_07\_pwr\_dist\_013

Monday, January 23, 2006

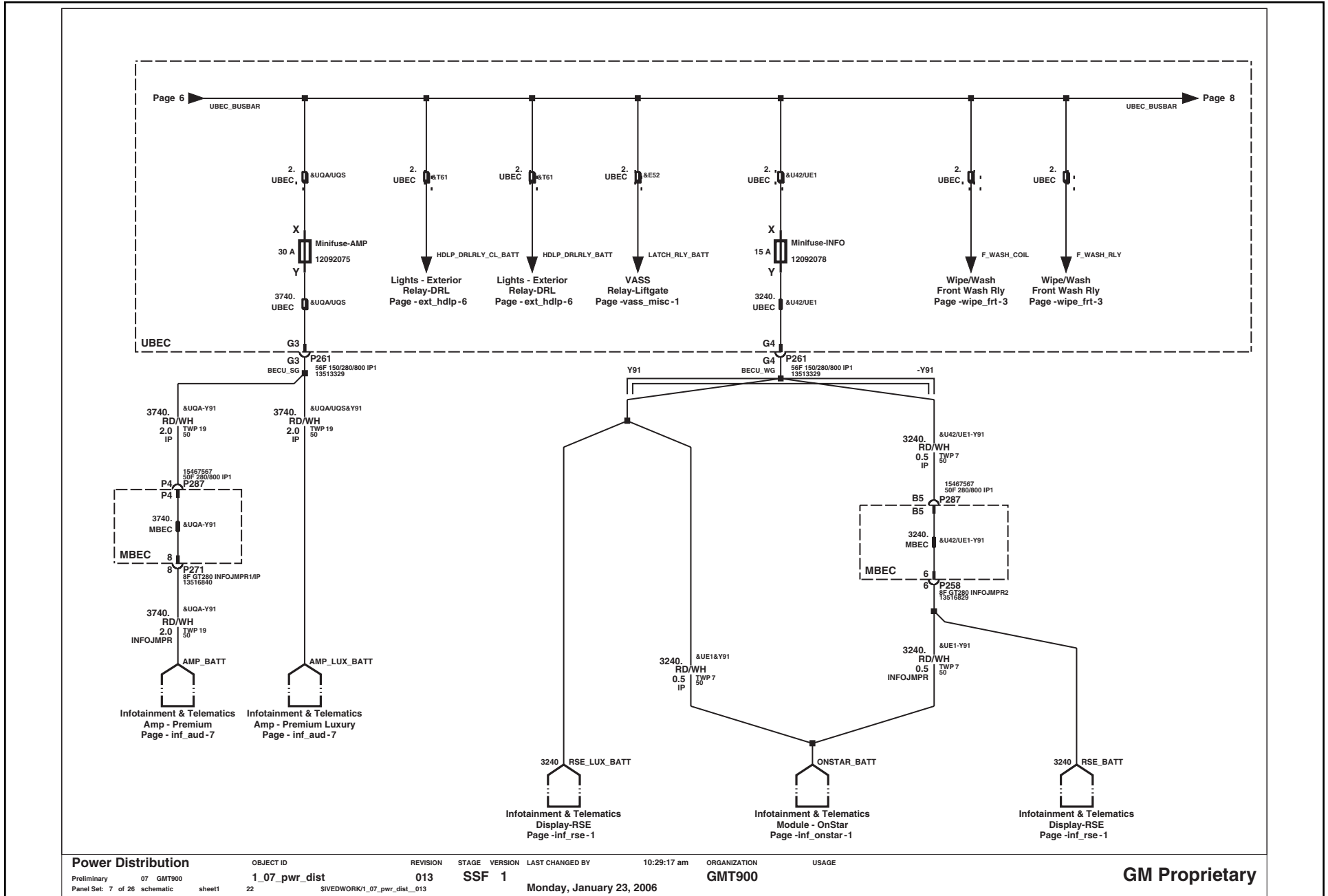
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# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Power Distribution



## Power Distribution



**Power Distribution**

Preliminary 07 GMT900  
 Panel Set: 7 of 26 schematic sheet1

OBJECT ID  
 1\_07\_pwr\_dist

REVISION  
 013

STAGE VERSION  
 SSF 1

LAST CHANGED BY  
 10:29:17 am

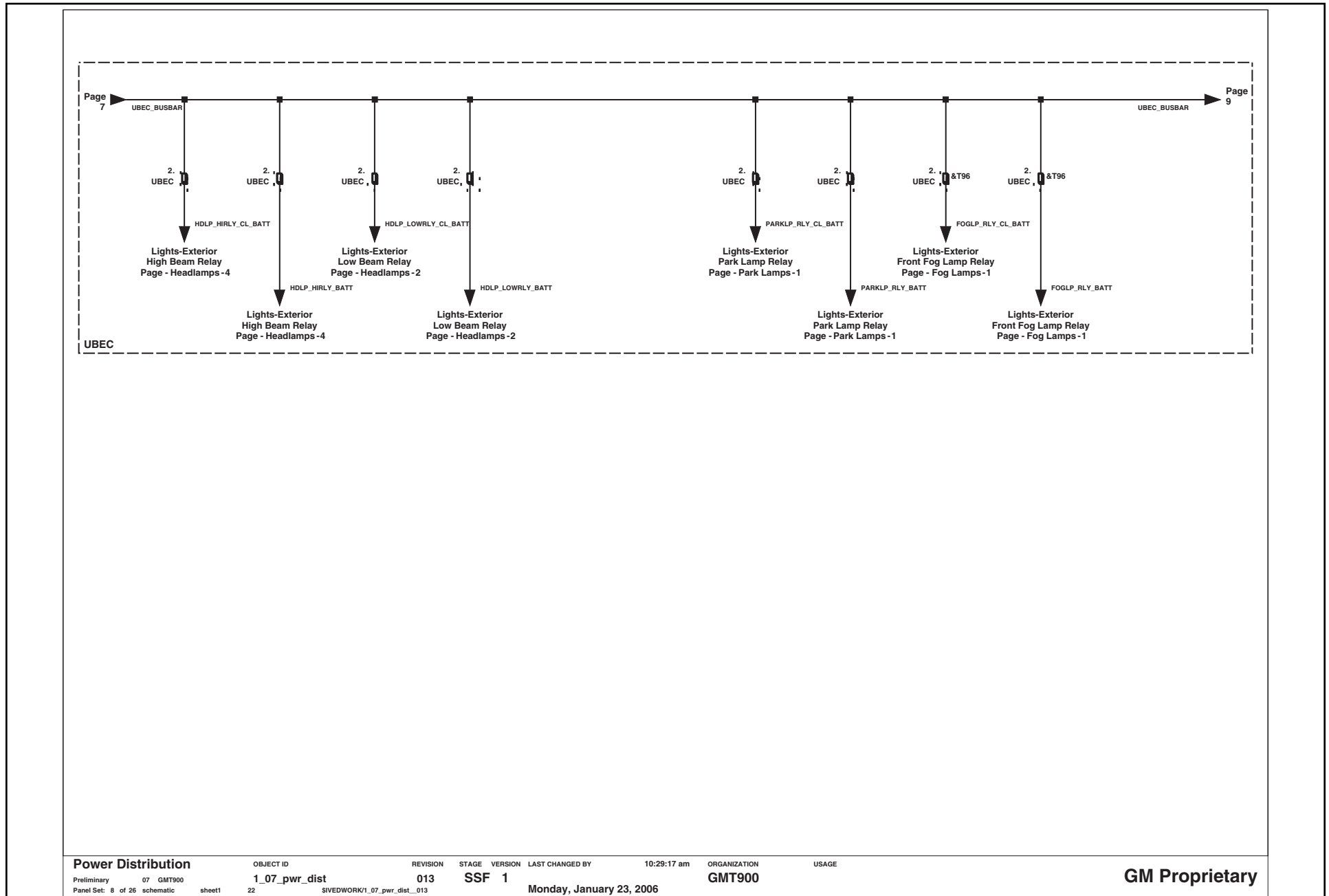
ORGANIZATION  
 GMT900

USAGE

Monday, January 23, 2006

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## Power Distribution



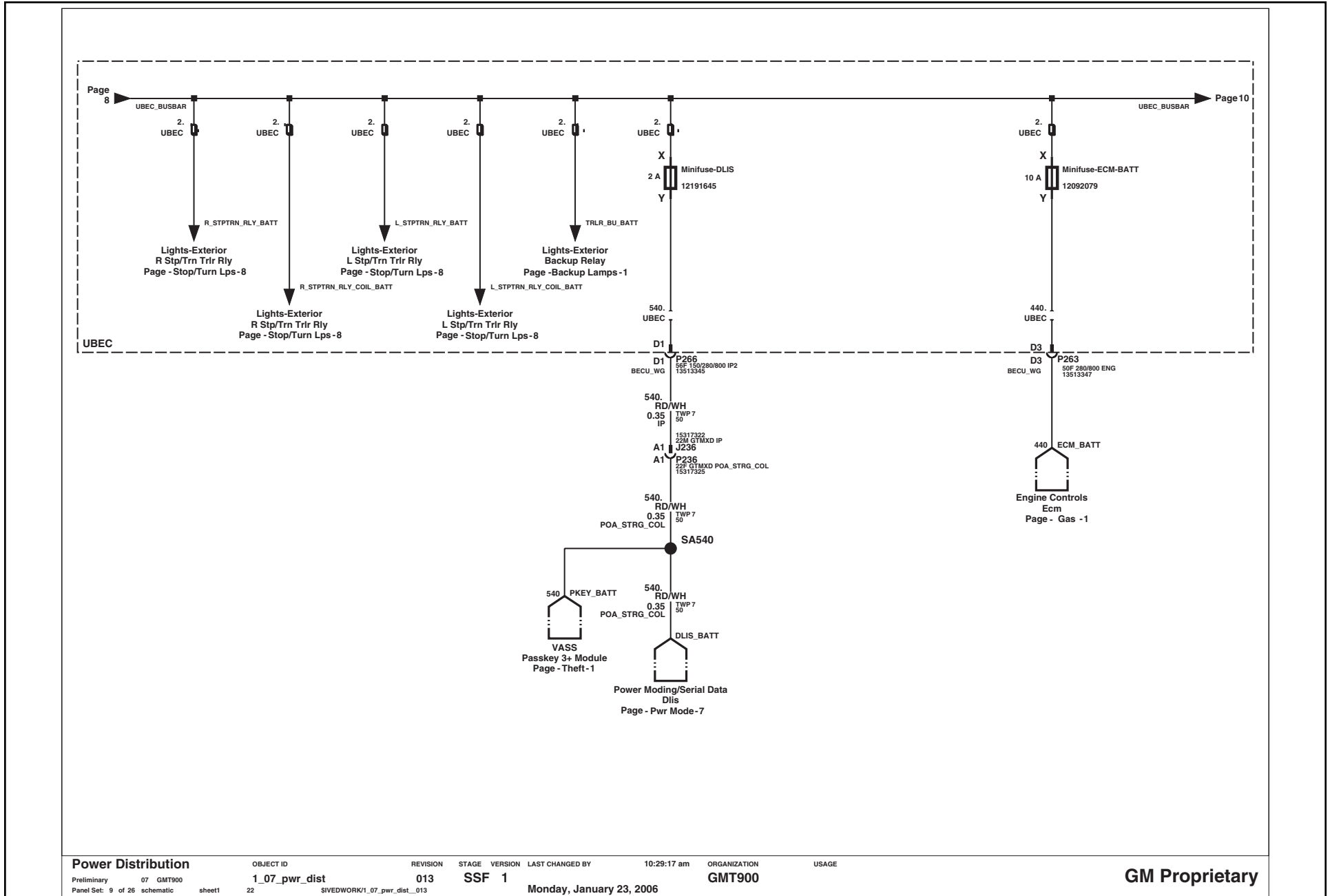
**Power Distribution**

OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	10:29:17 am	ORGANIZATION	USAGE
1_07_pwr_dist	013	SSF	1			GMT900	

Preliminary 07 GMT900  
 Panel Set: 8 of 26 schematic sheet1 22 SIVEDWORK/1\_07\_pwr\_dist\_013  
 Monday, January 23, 2006

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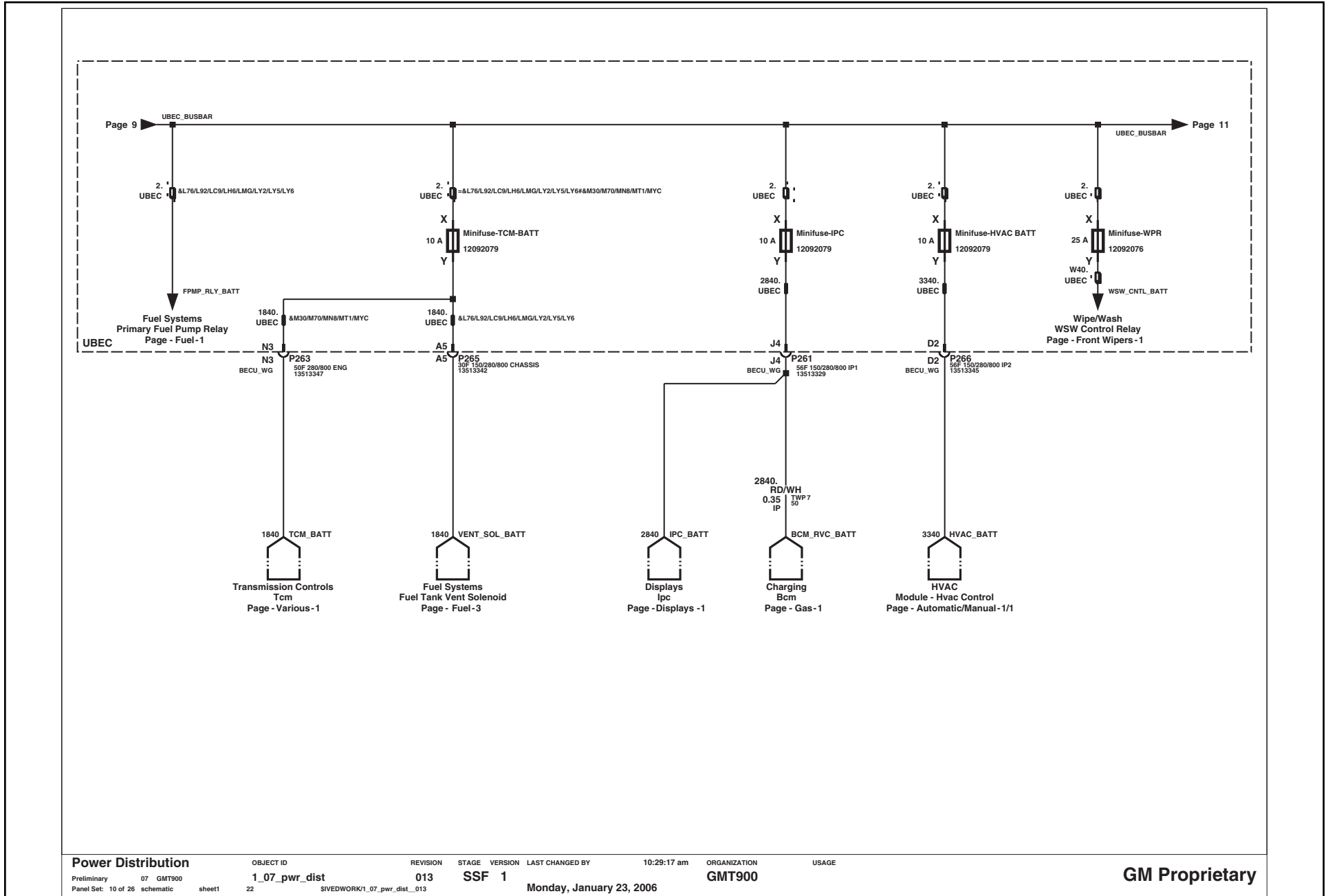
## Power Distribution



Power Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	10:29:17 am	ORGANIZATION	USAGE
Preliminary	07 GMT900	1_07_pwr_dist	013	SSF 1			GMT900	
Panel Set: 9 of 26 schematic sheet1	22	SIVEDWORK/1_07_pwr_dist_013			Monday, January 23, 2006			

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## Power Distribution



**Power Distribution**

OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	ORGANIZATION	USAGE
1_07_pwr_dist	013	SSF	1	10:29:17 am	GMT900	

Preliminary 07 GMT900  
 Panel Set: 10 of 26 schematic sheet1

22 SIVEDWORK/1\_07\_pwr\_dist\_013

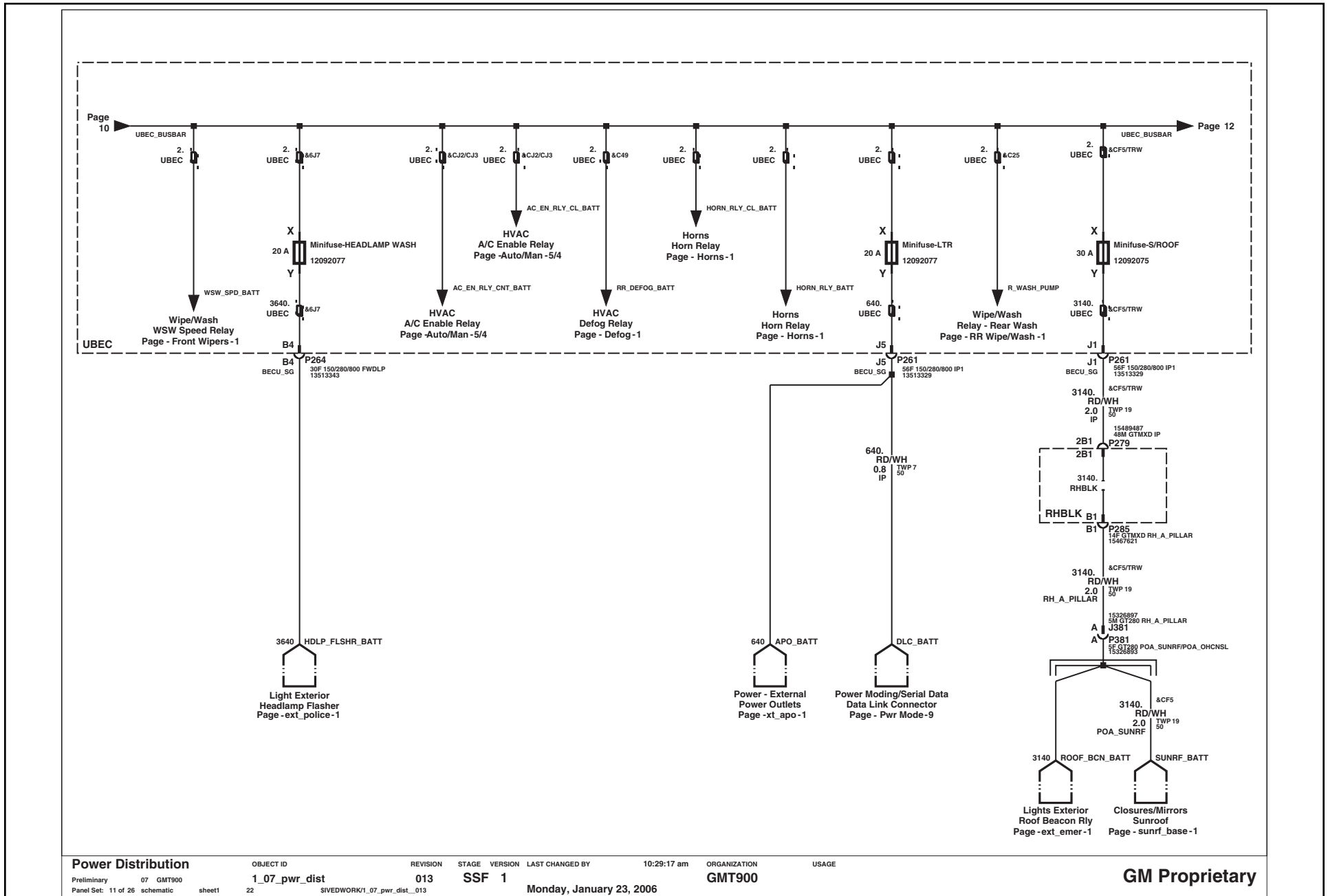
Monday, January 23, 2006

**GM Proprietary**



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

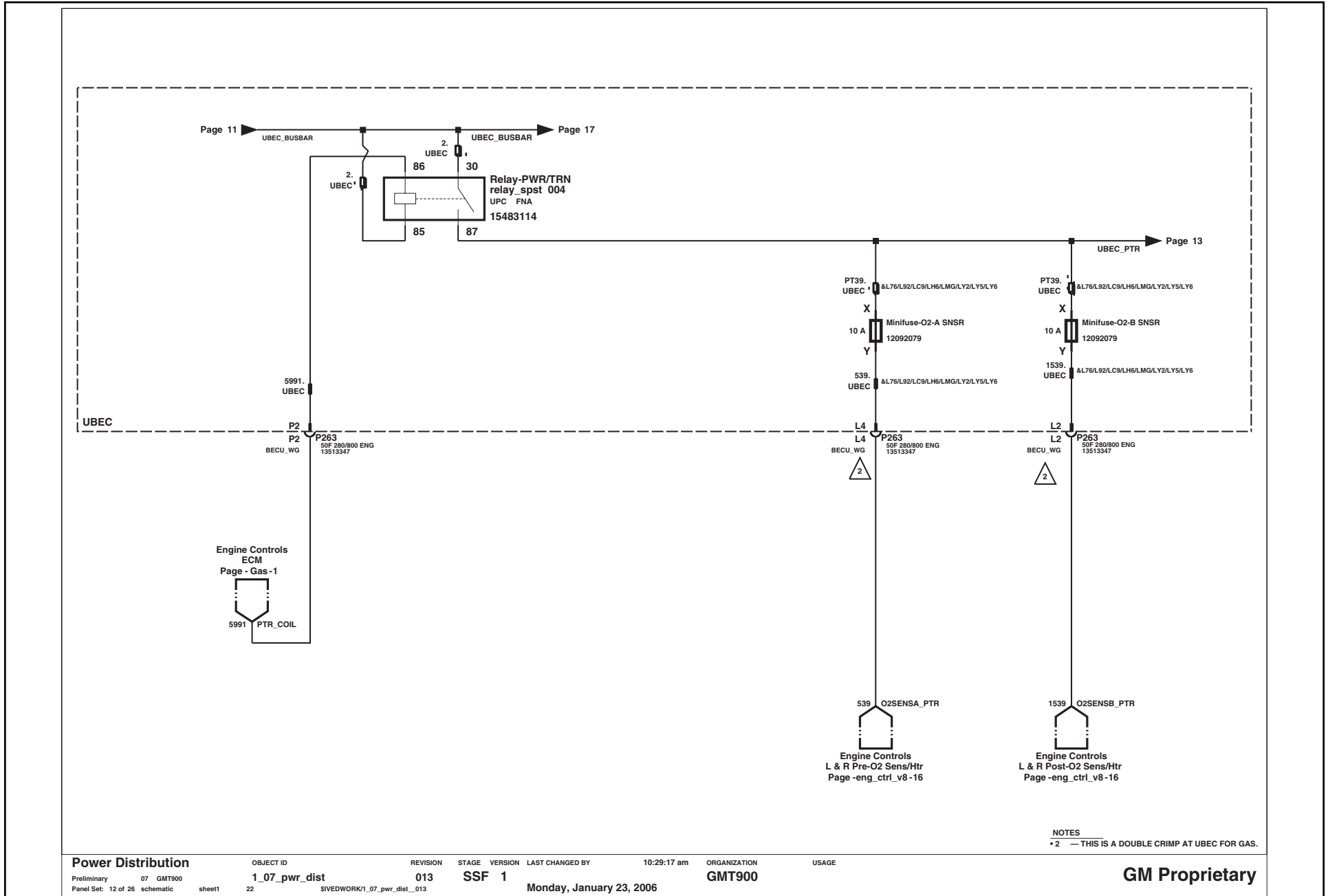
## Power Distribution



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# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Power Distribution

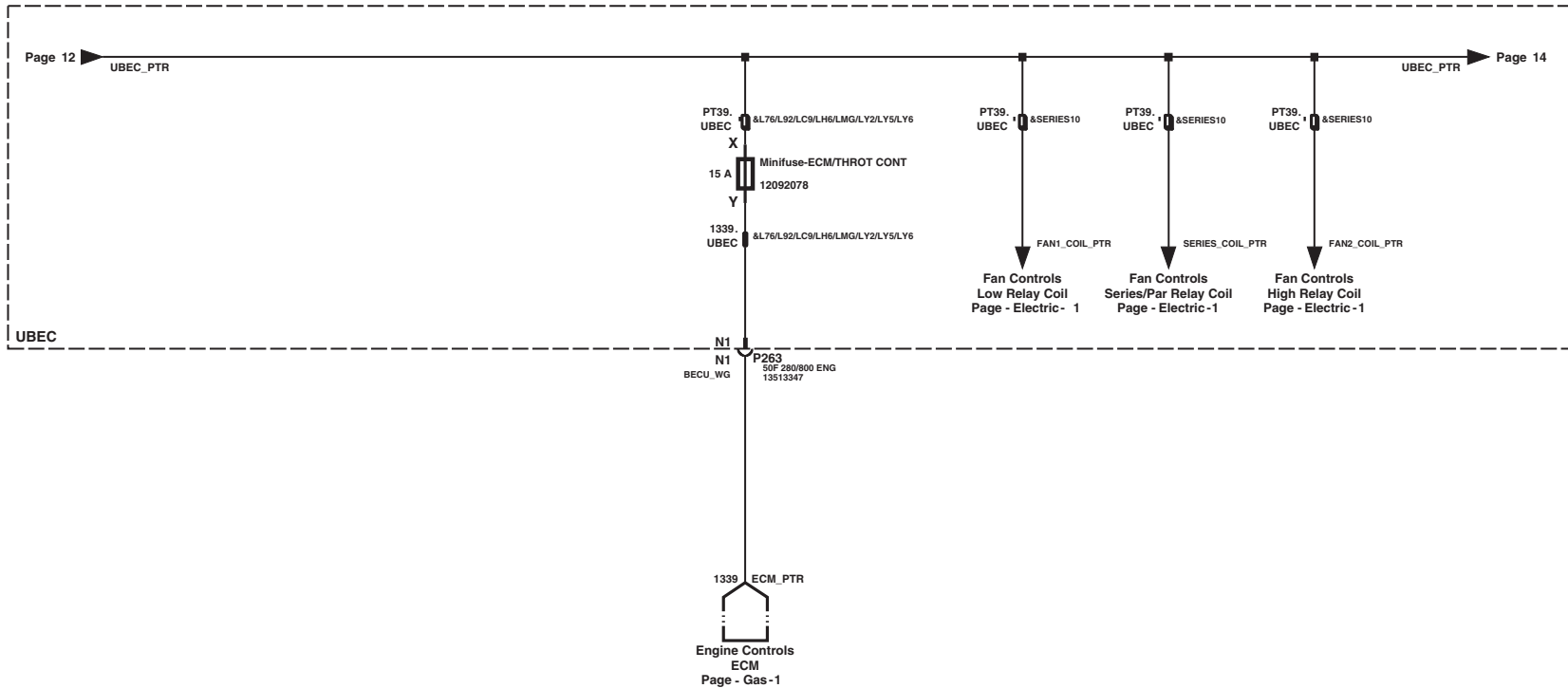


NOTES  
 \* 2 — THIS IS A DOUBLE CRIMP AT UBEC FOR GAS.

Power Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	10:29:17 am	ORGANIZATION	USAGE
Preliminary	1_07_pwr_dist	013	SSF	1			GMT900	
Panel Set: 12 of 26 schematic sheet1	22	SIVEDWORK/1_07_pwr_dist_013			Monday, January 23, 2006			

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## Power Distribution



**Power Distribution**

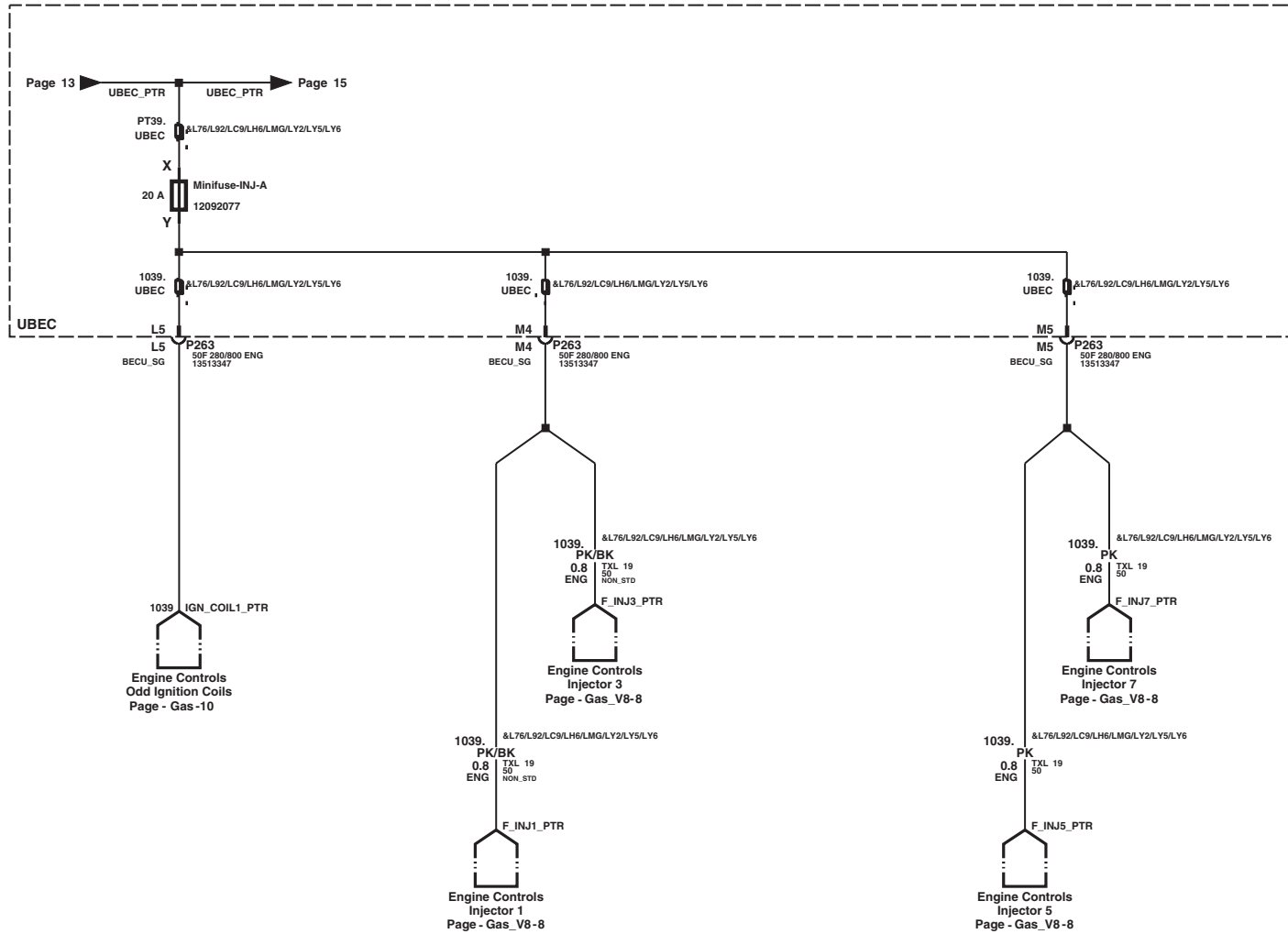
OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	10:29:17 am	ORGANIZATION	USAGE
1_07_pwr_dist	013	SSF	1			GMT900	

Preliminary 07 GMT900 sheet1 22  
 Panel Set: 13 of 26 schematic sheet1 22  
 SIVEDWORK/1\_07\_pwr\_dist\_013  
 Monday, January 23, 2006

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# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Power Distribution



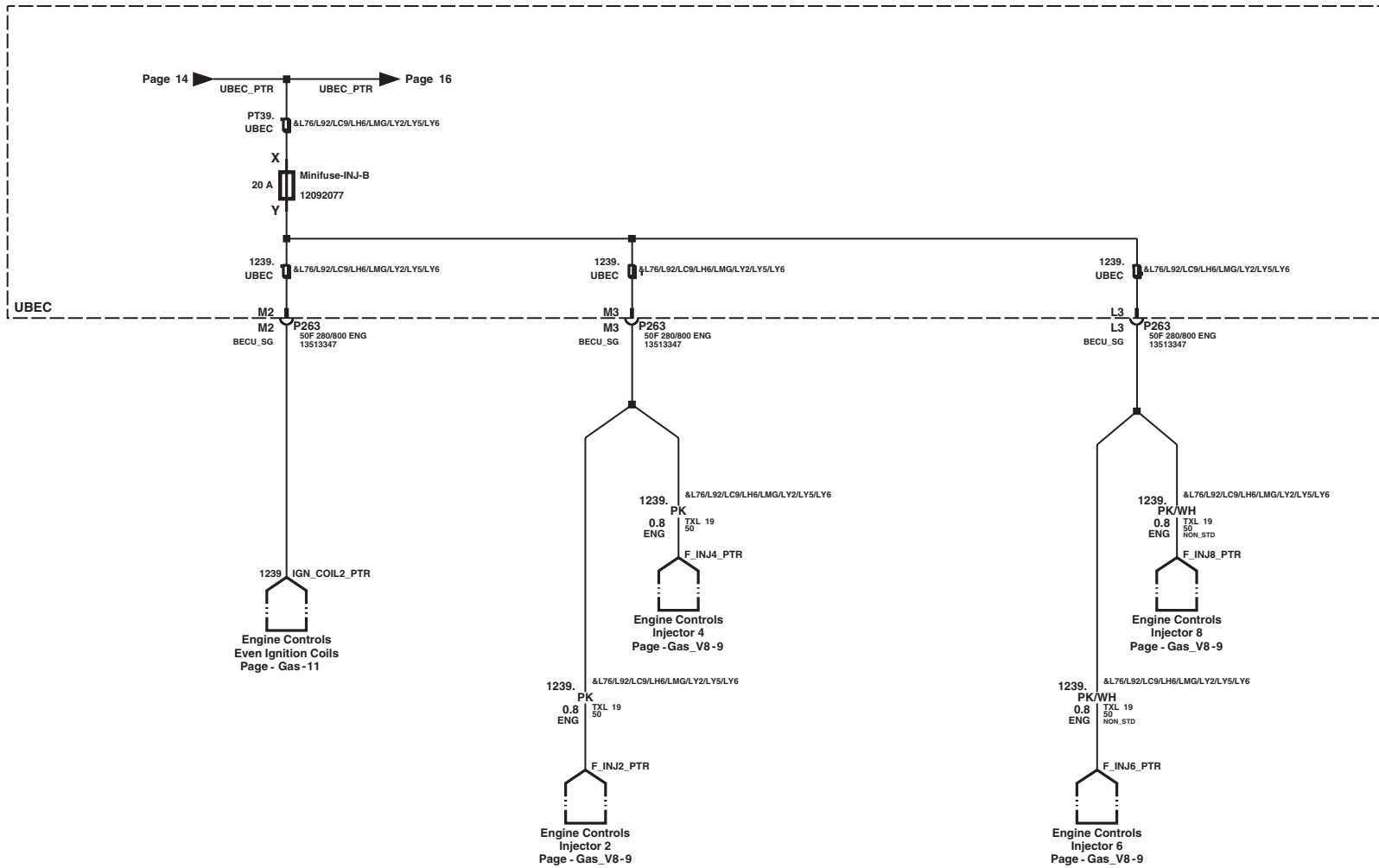
**Power Distribution**

Preliminary	07 GMT900	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	10:29:17 am	ORGANIZATION	USAGE
Panel Set: 14 of 26	schematic	1_07_pwr_dist	013	SSF	1	Monday, January 23, 2006		GMT900	

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# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Power Distribution

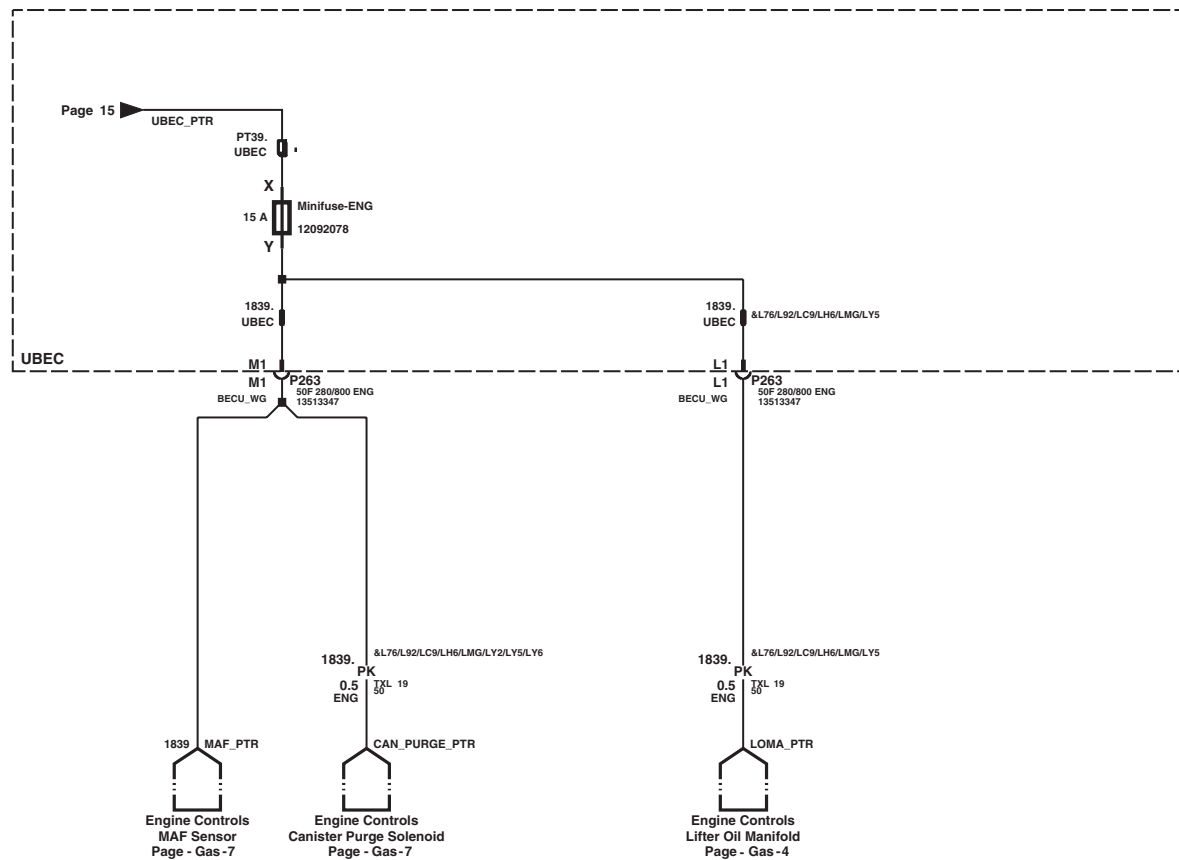


**Power Distribution**

Preliminary	07	GMT900	1_07_pwr_dist	013	SSF 1	LAST CHANGED BY	10:29:17 am	ORGANIZATION	GMT900	USAGE
Panel Set:	15 of 26	schematic	sheet1	22	SIVEDWORK/1_07_pwr_dist_013		Monday, January 23, 2006			

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## Power Distribution



**Power Distribution**

OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	10:29:17 am	ORGANIZATION	USAGE
1_07_pwr_dist	013	SSF	1			GMT900	

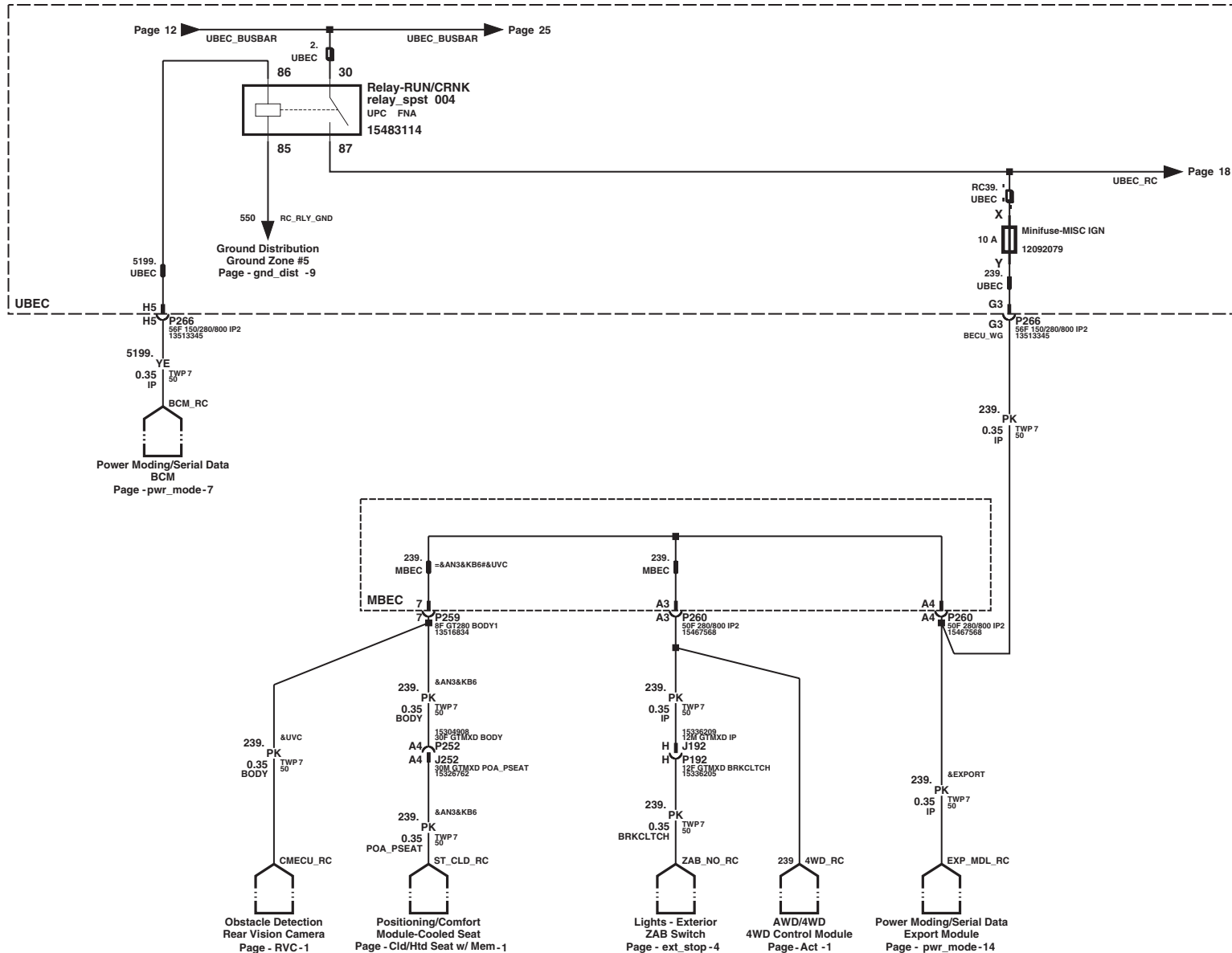
Preliminary 07 GMT900  
 Panel Set: 16 of 26 schematic sheet1

SIVEDWORK/1\_07\_pwr\_dist\_013

Monday, January 23, 2006

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## Power Distribution



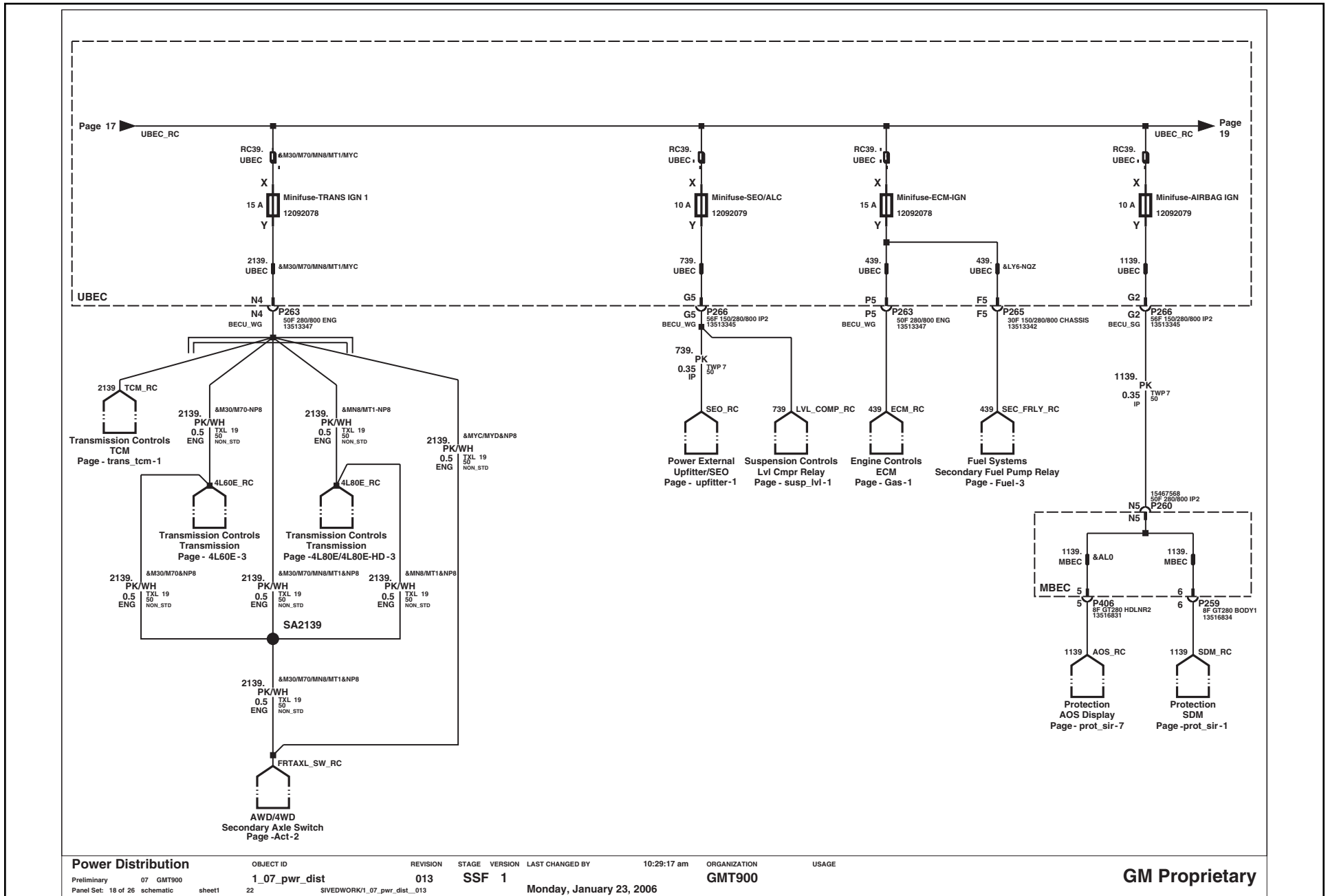
**Power Distribution**

OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	10:29:17 am	ORGANIZATION	USAGE
1_07_pwr_dist	013	SSF	1	Monday, January 23, 2006		GMT900	

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# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

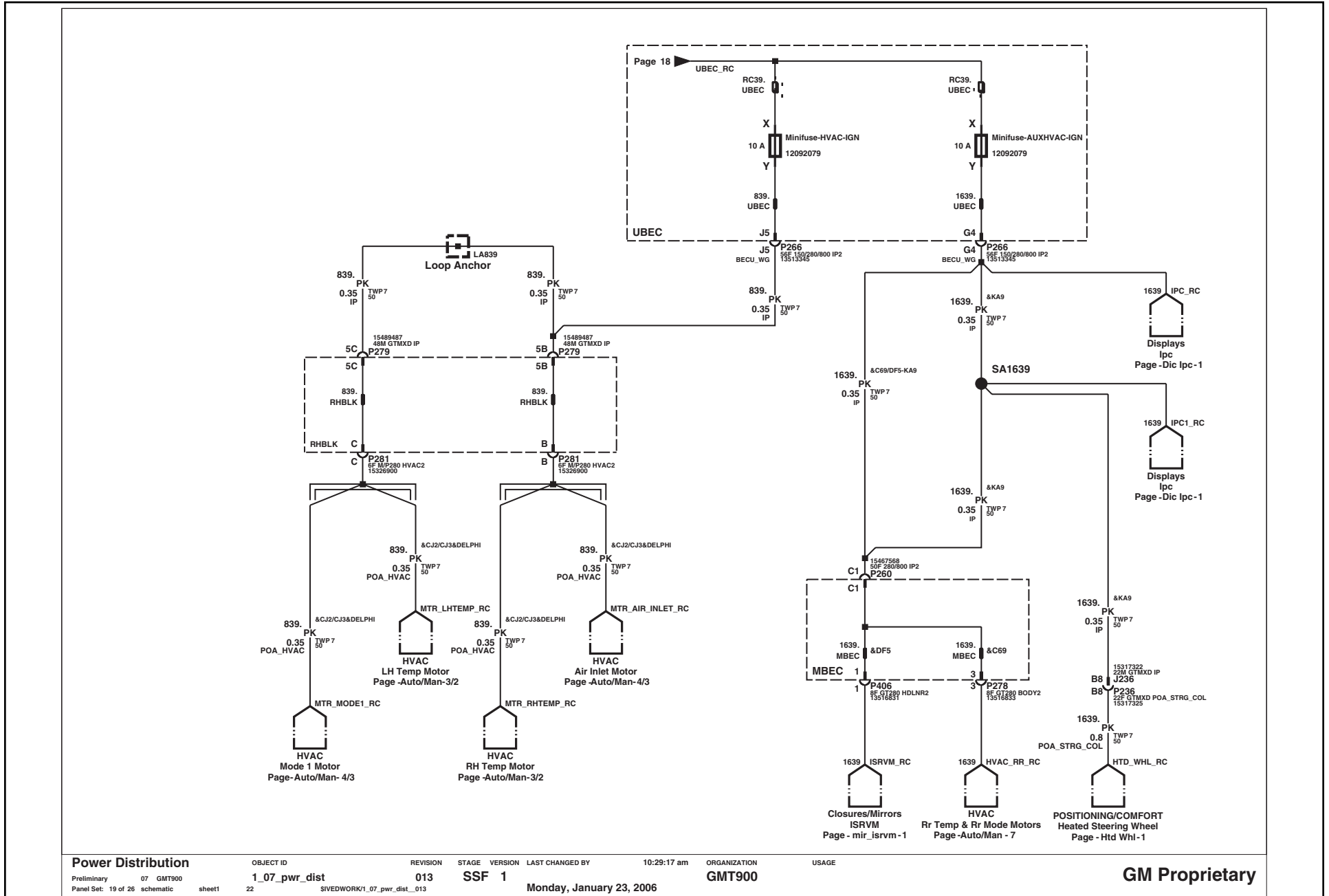
## Power Distribution





# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Power Distribution



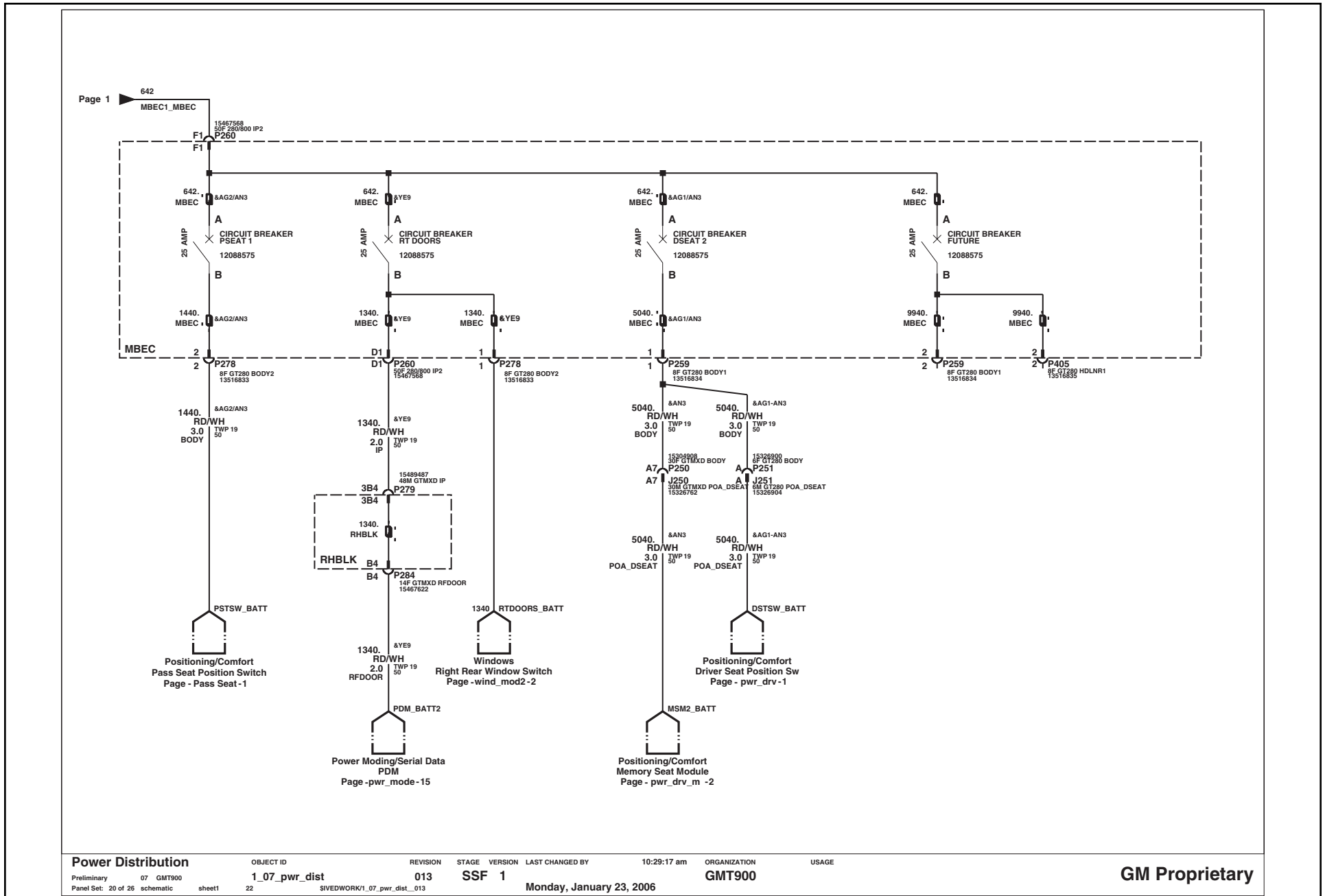
Power Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	10:29:17 am	ORGANIZATION	USAGE
Preliminary	07 GMT900	1_07_pwr_dist	013	SSF	1	Monday, January 23, 2006	GMT900	
Panel Set: 19 of 26 schematic sheet1	22	SIVEDWORK/1_07_pwr_dist_013						

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# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

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## Power Distribution



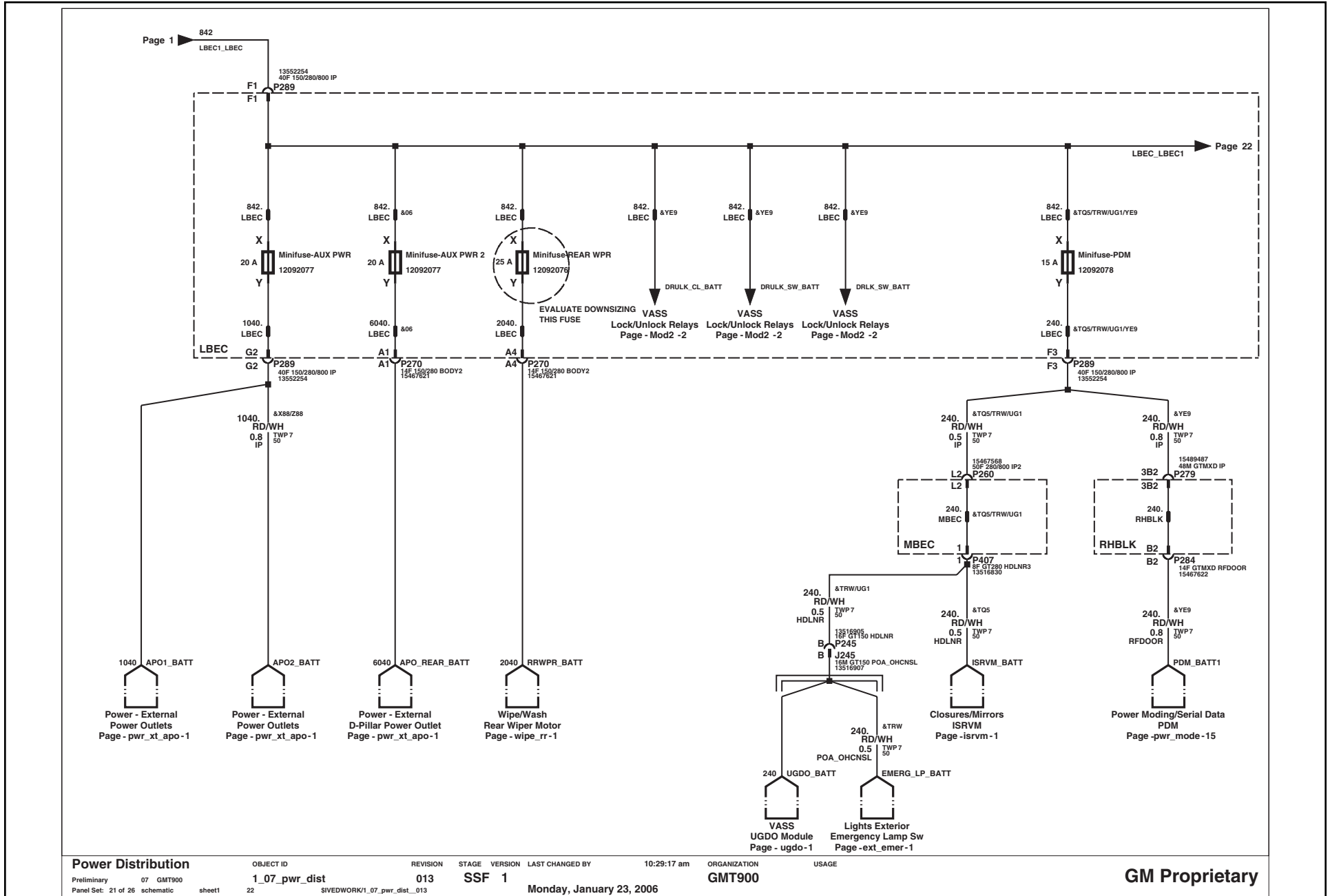
**Power Distribution**

OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	10:29:17 am	ORGANIZATION	USAGE
1_07_pwr_dist	013	SSF	1			GMT900	

**GM Proprietary**

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Power Distribution

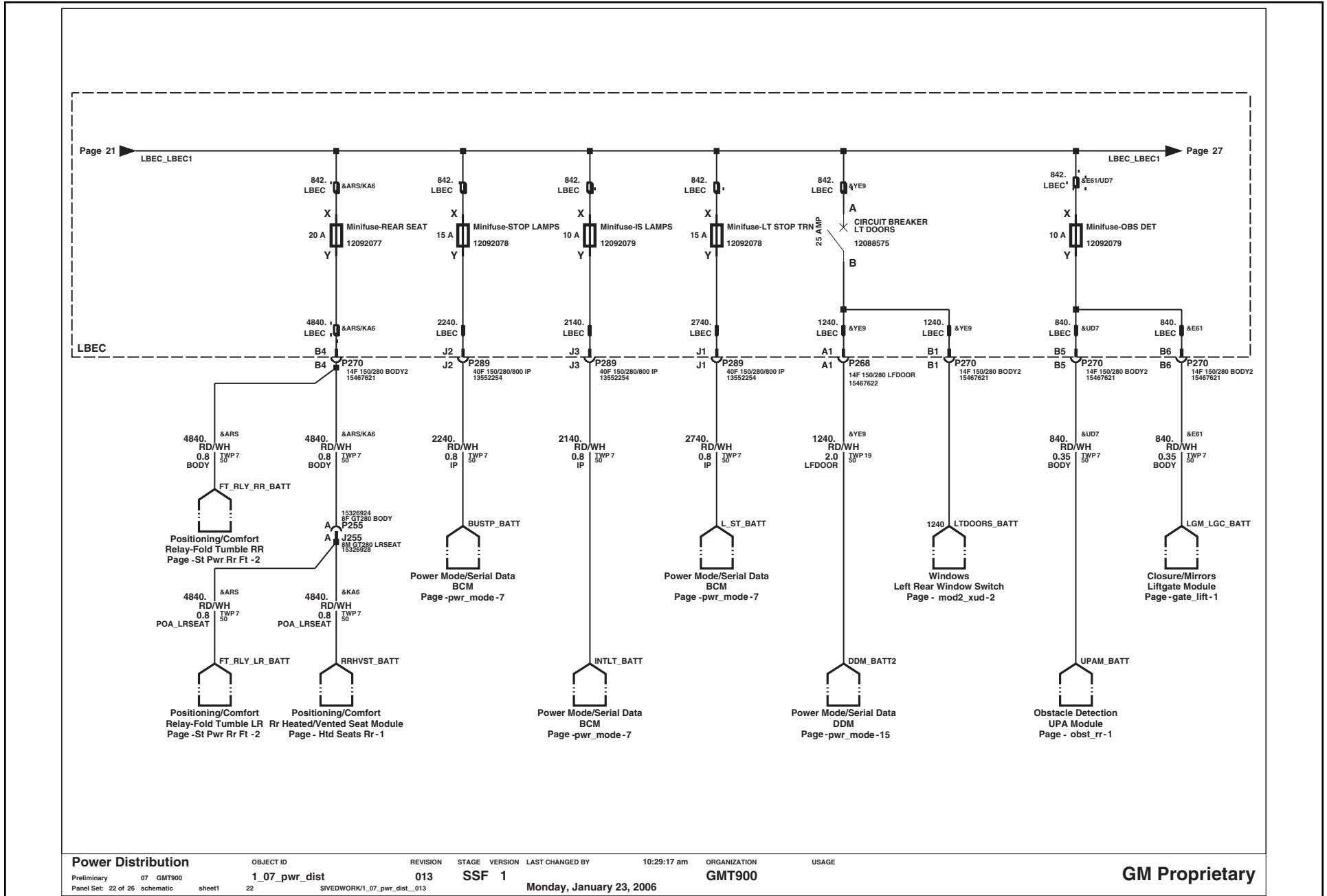


Power Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	10:29:17 am	ORGANIZATION	USAGE
Preliminary	07 GMT900	1_07_pwr_dist	013	SSF	1	Monday, January 23, 2006	GMT900	
Panel Set: 21 of 26 schematic sheet1	22	SIVEDWORK/1_07_pwr_dist_013						

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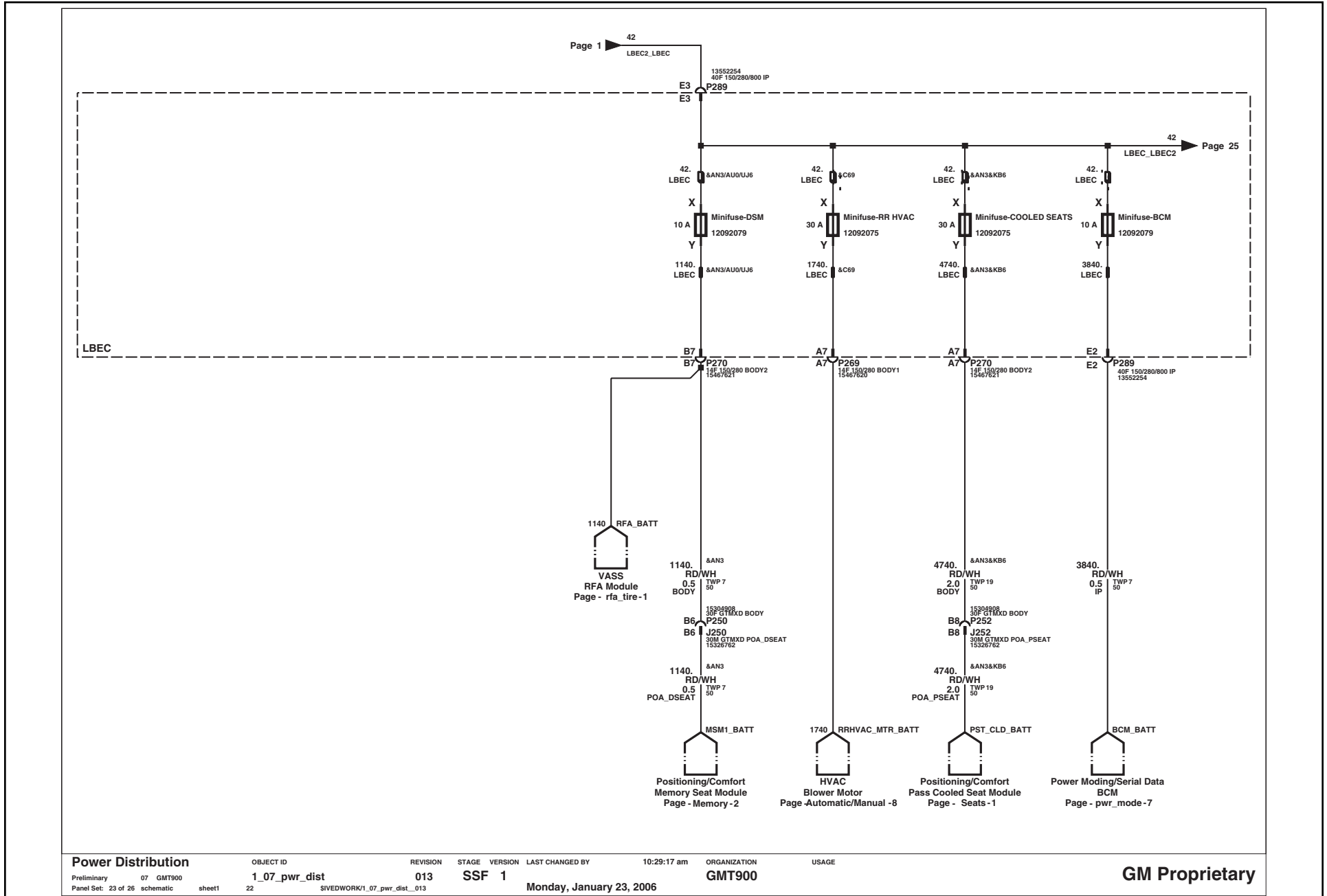
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Power Distribution



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

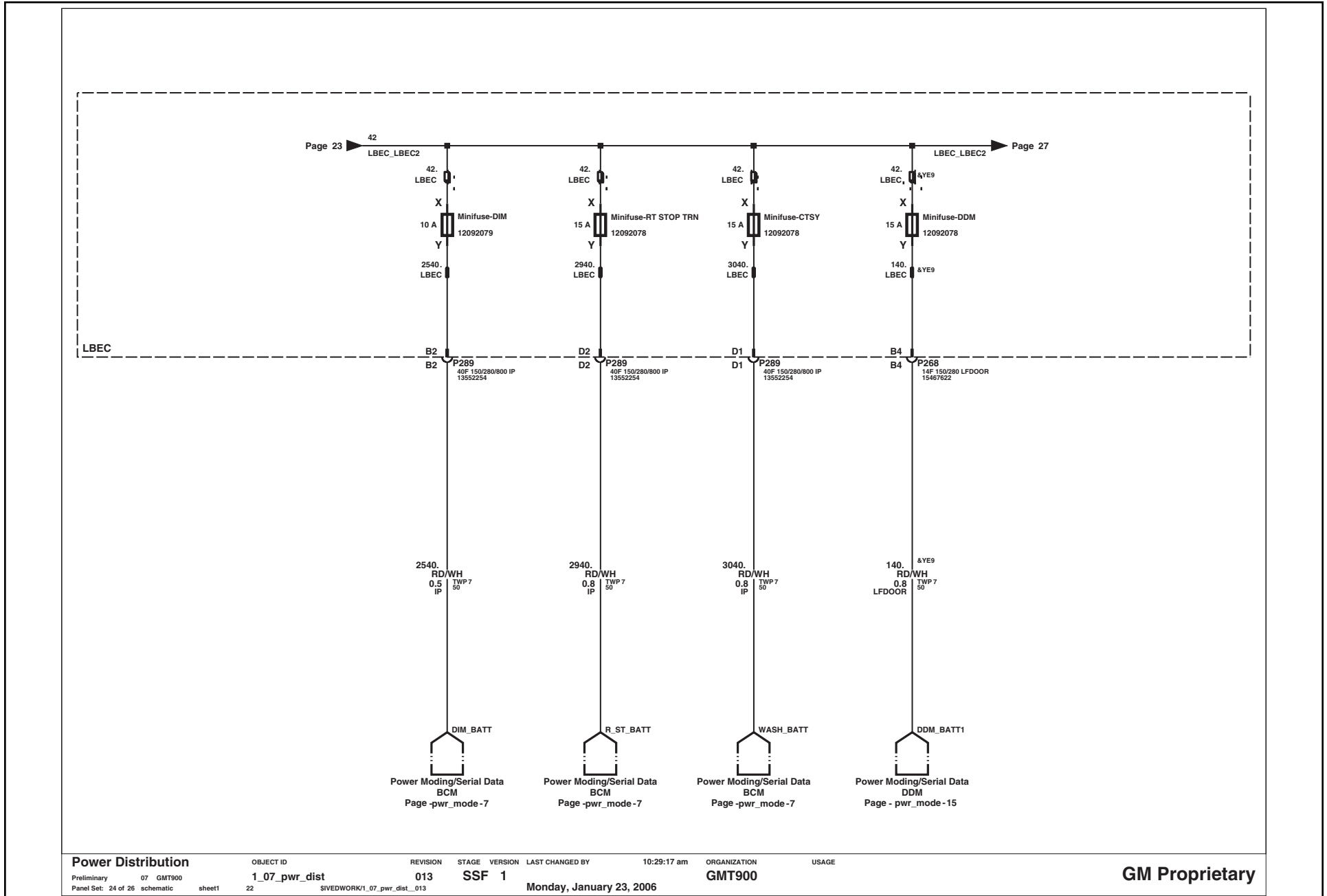
## Power Distribution



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

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## Power Distribution



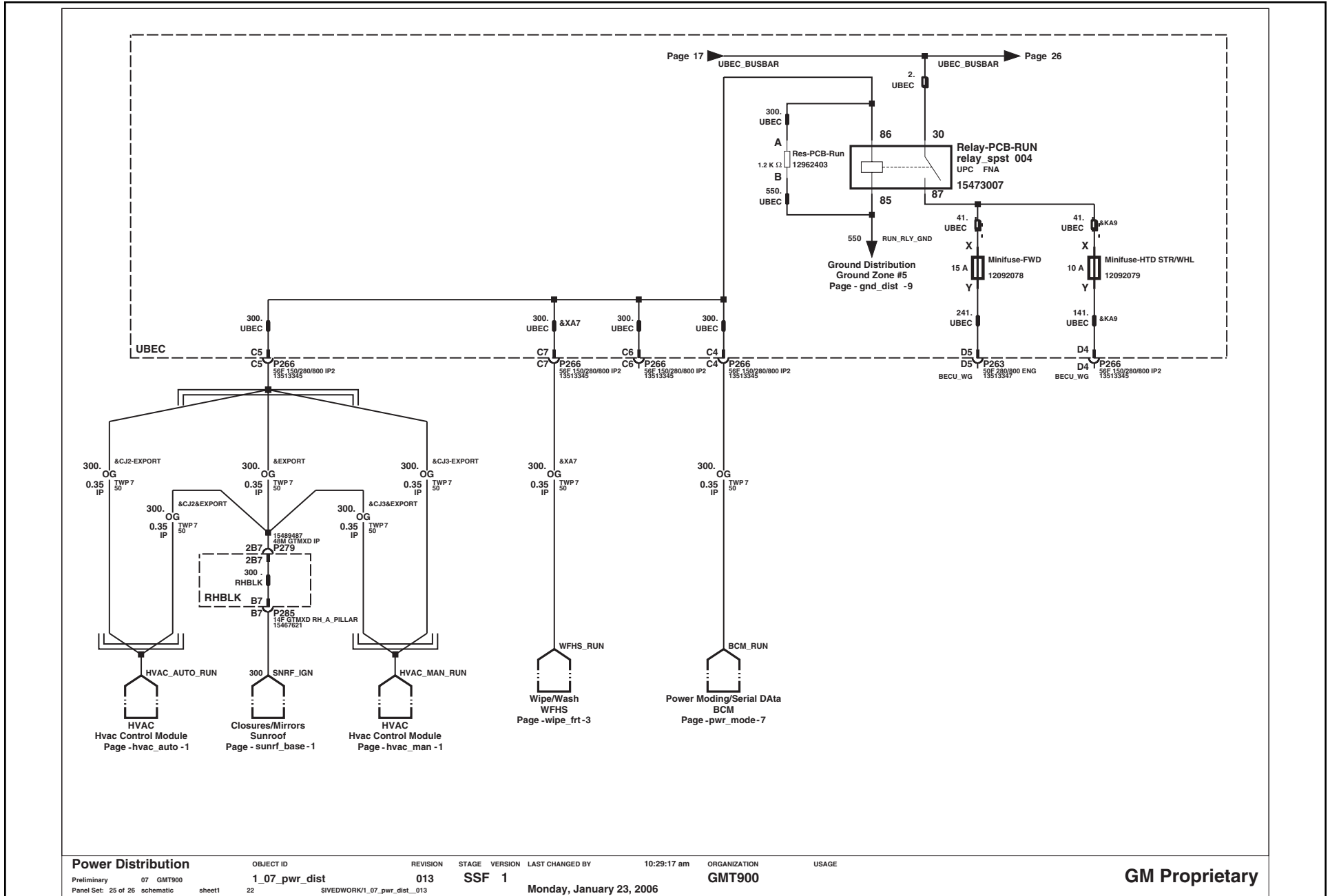
**Power Distribution**

Preliminary 07 GMT900 OBJECT ID 1\_07\_pwr\_dist REVISION 013 STAGE SSF 1 LAST CHANGED BY 10:29:17 am ORGANIZATION GMT900 USAGE

**GM Proprietary**

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Power Distribution

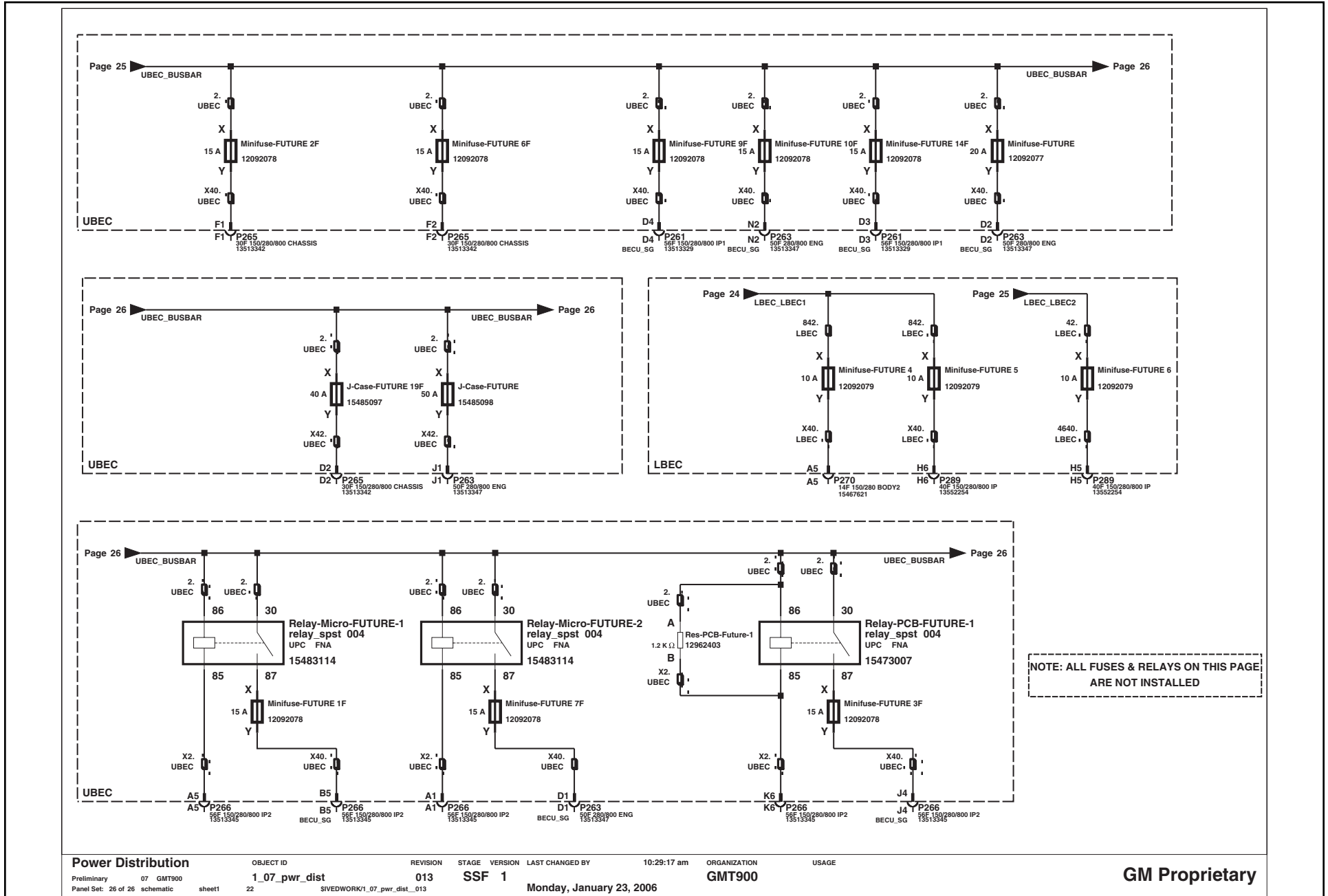


Power Distribution	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	10:29:17 am	ORGANIZATION	USAGE
Preliminary	07 GMT900	1_07_pwr_dist	013	SSF 1			GMT900	
Panel Set: 25 of 26 schematic sheet1	22	SIVEDWORK/1_07_pwr_dist_013			Monday, January 23, 2006			

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# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

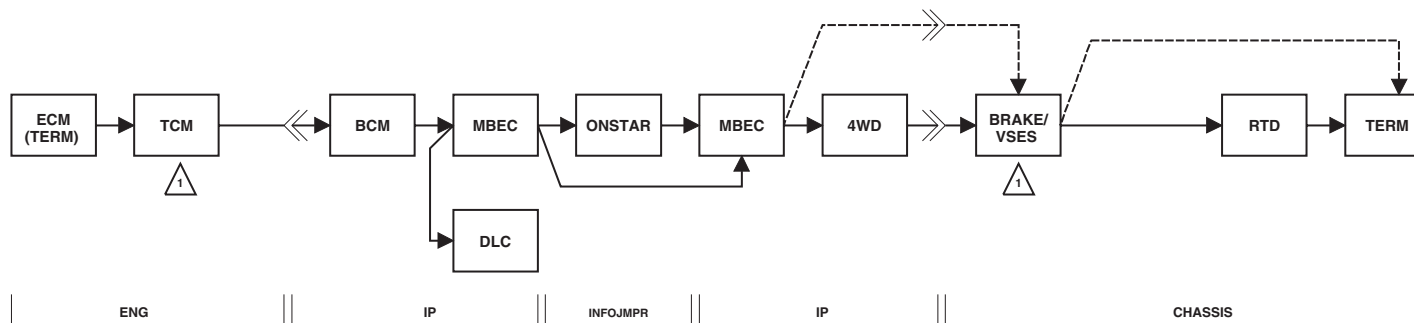
## Power Distribution





## Power Moding/Serial Data

### •OPTIONAL GM HIGH SPEED LAN CONNECTIVITY



**NOTES**

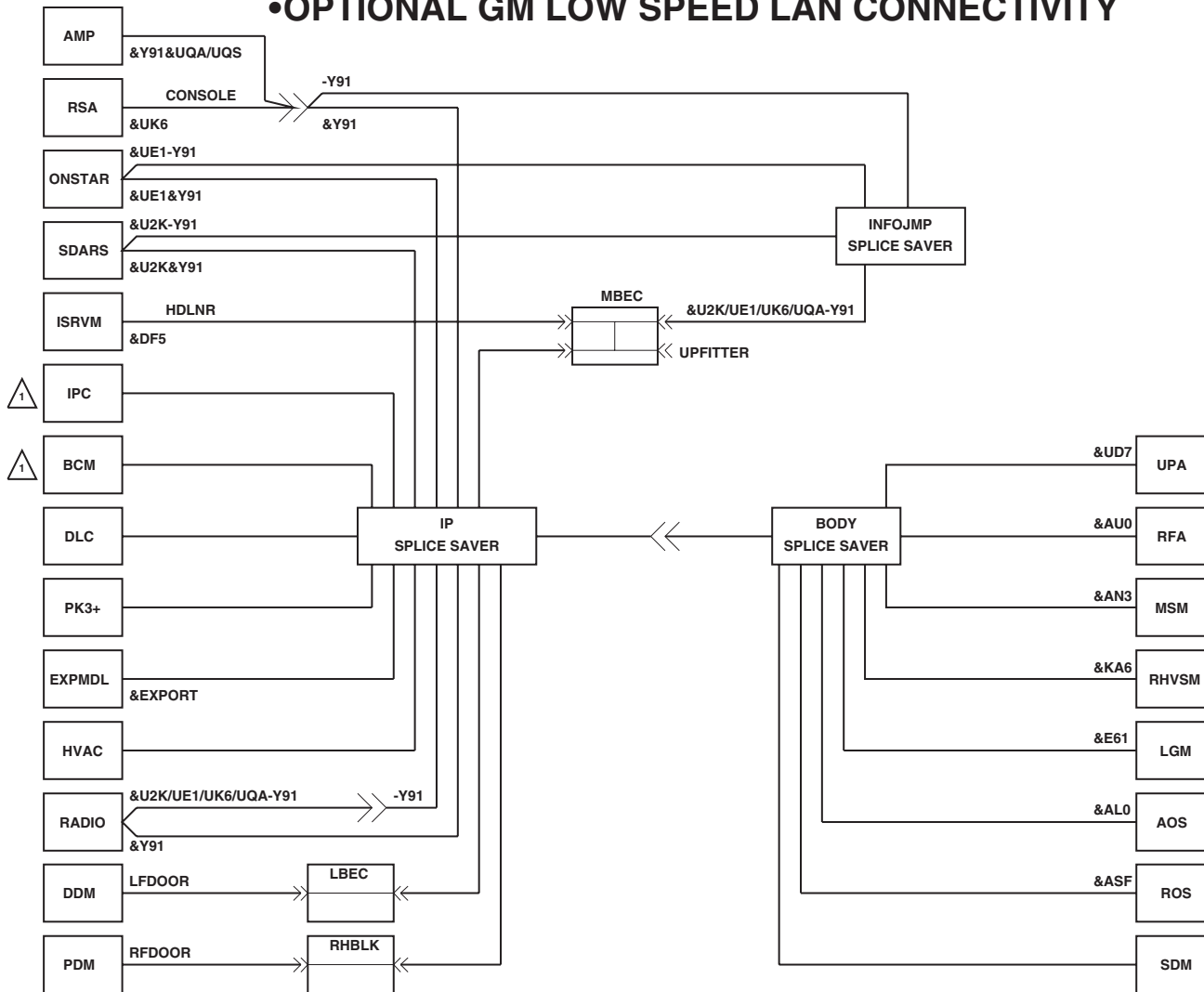
- 1 — THERE ARE MULTIPLE VERSIONS OF THE TCM AND BRAKE/VSES MODULE  
— USED ON GMT900, DEPENDING UPON BUILD CONFIGURATION.
- — MODULES ARE SHOWN IN TYPICAL CONNECTIVITY ORDER. IF A GIVEN MODULE  
— IS NOT PRESENT, MODULES ON EITHER SIDE CONNECT DIRECTLY.

Power Moding/Serial Data	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	2:36:41 pm	ORGANIZATION	USAGE
Preliminary 07 GMT900 Panel Set: 1 of 18 schematic sheet1	1_07_pwr_mode	013	SSF	1			GMT900	
	9				Thursday, January 19, 2006			

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## Power Moding/Serial Data

### •OPTIONAL GM LOW SPEED LAN CONNECTIVITY

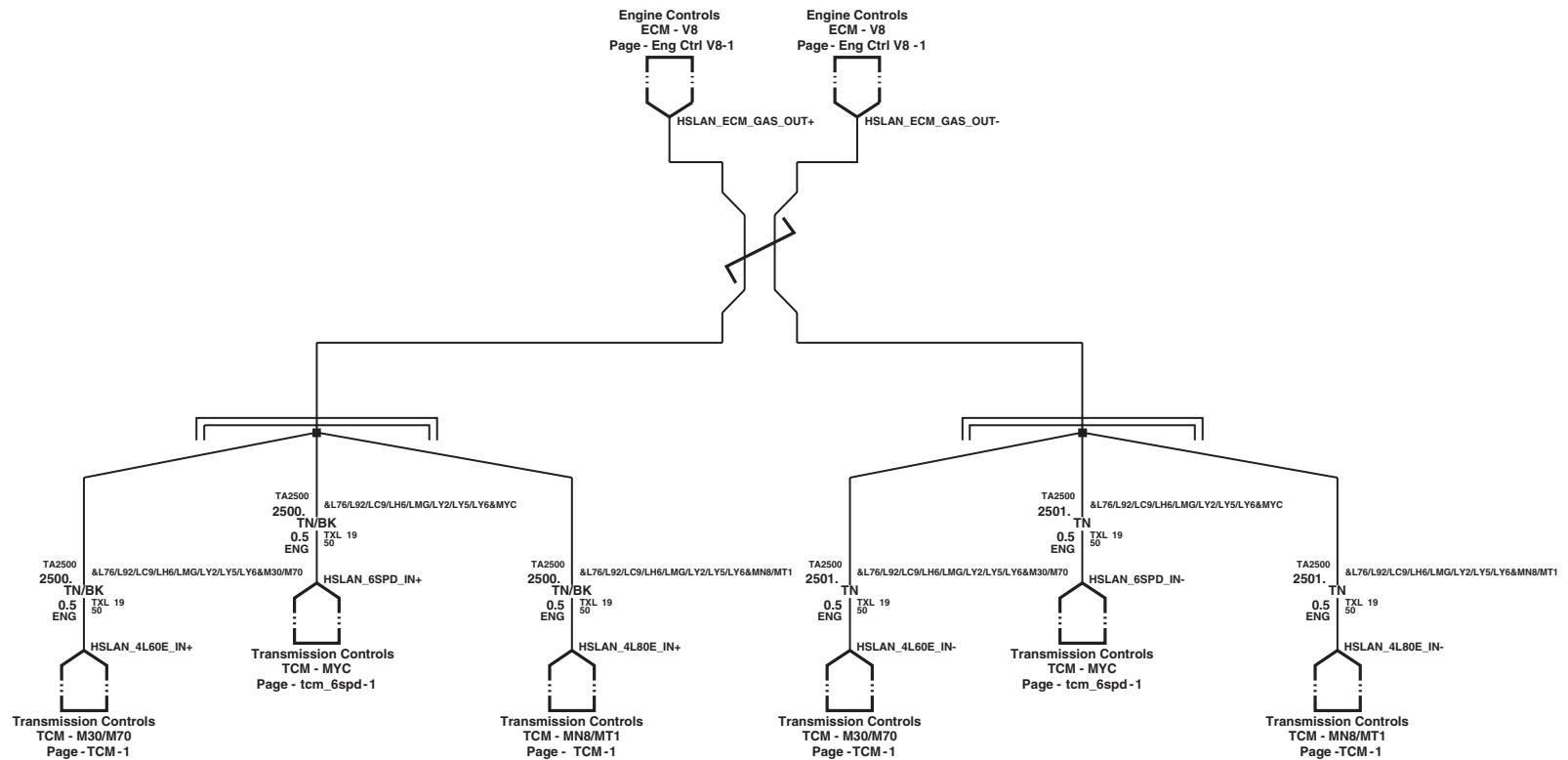


NOTES  
 \* 1 — BOTH THE BCM AND IPC ARE "PRIMARY" LS GMLAN NODES, INSTEAD OF A "UNIT" LS GMLAN NODES. ALL OTHER LS GMLAN NODES ARE "UNIT" LOADS

Power Moding/Serial Data	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	2:36:41 pm	ORGANIZATION	USAGE
Preliminary 07 GMT900	1_07_pwr_mode	013	SSF	1			GMT900	
Panel Set: 2 of 18 schematic sheet1	9	SIVEDWORK/1_07_pwr_mode_013			Thursday, January 19, 2006			

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## Power Moding/Serial Data



**Power Moding/Serial Data**

OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	2:36:41 pm	ORGANIZATION	USAGE
1_07_pwr_mode	013	SSF	1			GMT900	

Preliminary 07 GMT900  
 Panel Set: 3 of 18 schematic sheet1

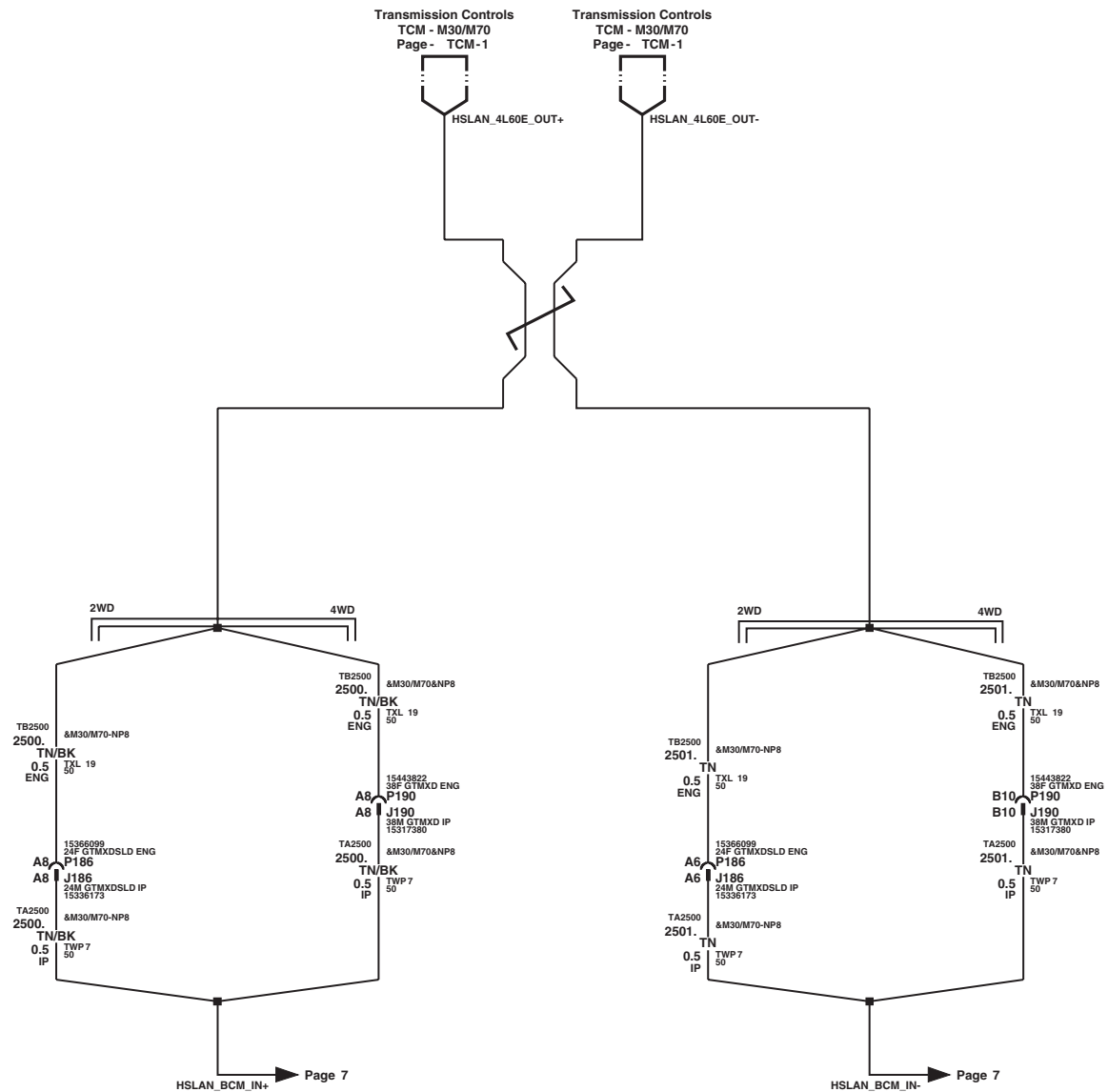
SIVEDWORK/1\_07\_pwr\_mode\_013

Thursday, January 19, 2006

**GM Proprietary**

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Power Moding/Serial Data

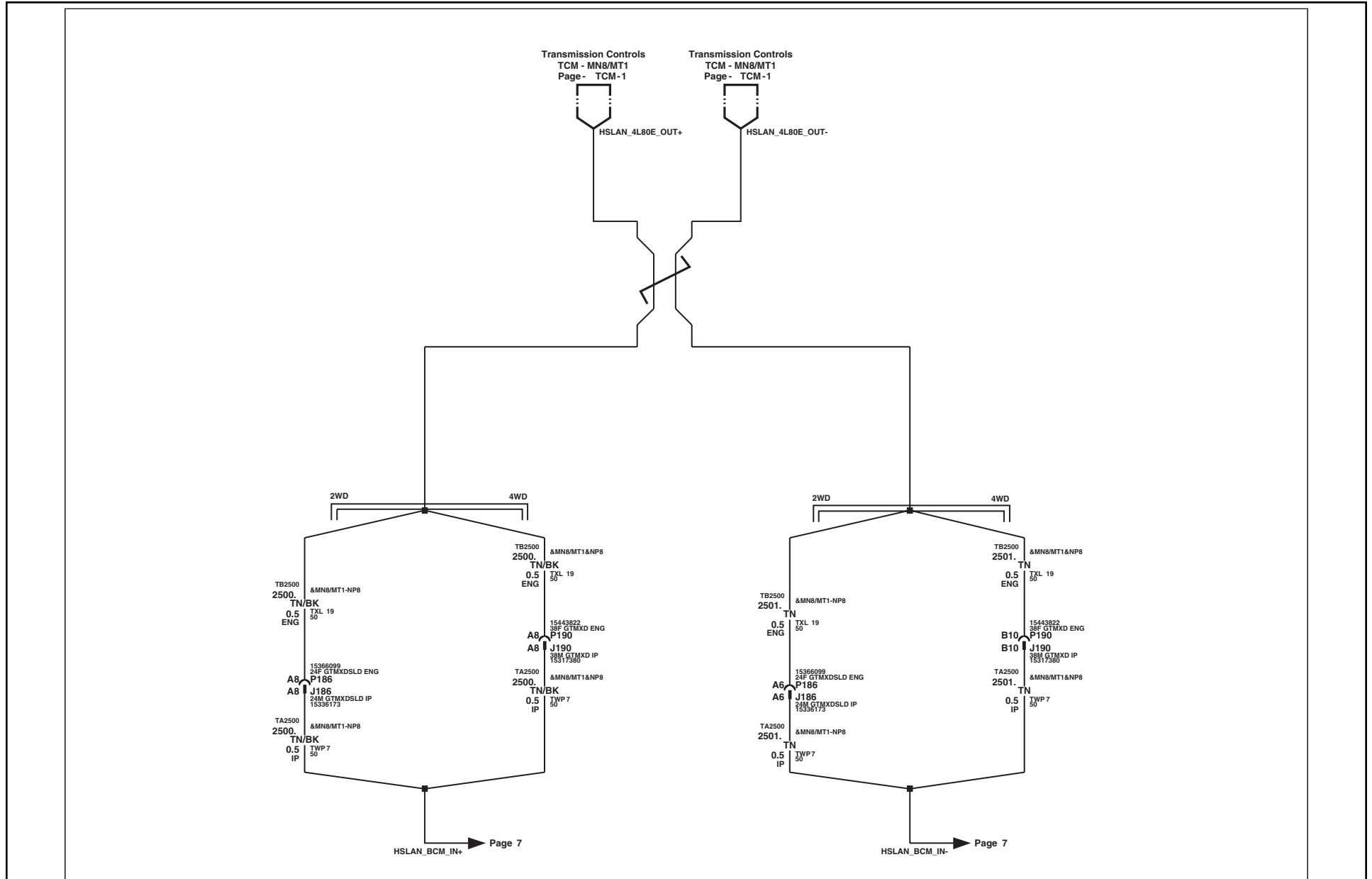


Power Moding/Serial Data		OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	2:36:41 pm	ORGANIZATION	USAGE
Preliminary	07 GMT900	1_07_pwr_mode	013	SSF	1			GMT900	
Panel Set:	4 of 18 schematic sheet1	9	SIVEDWORK/1_07_pwr_mode_013			Thursday, January 19, 2006			

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# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

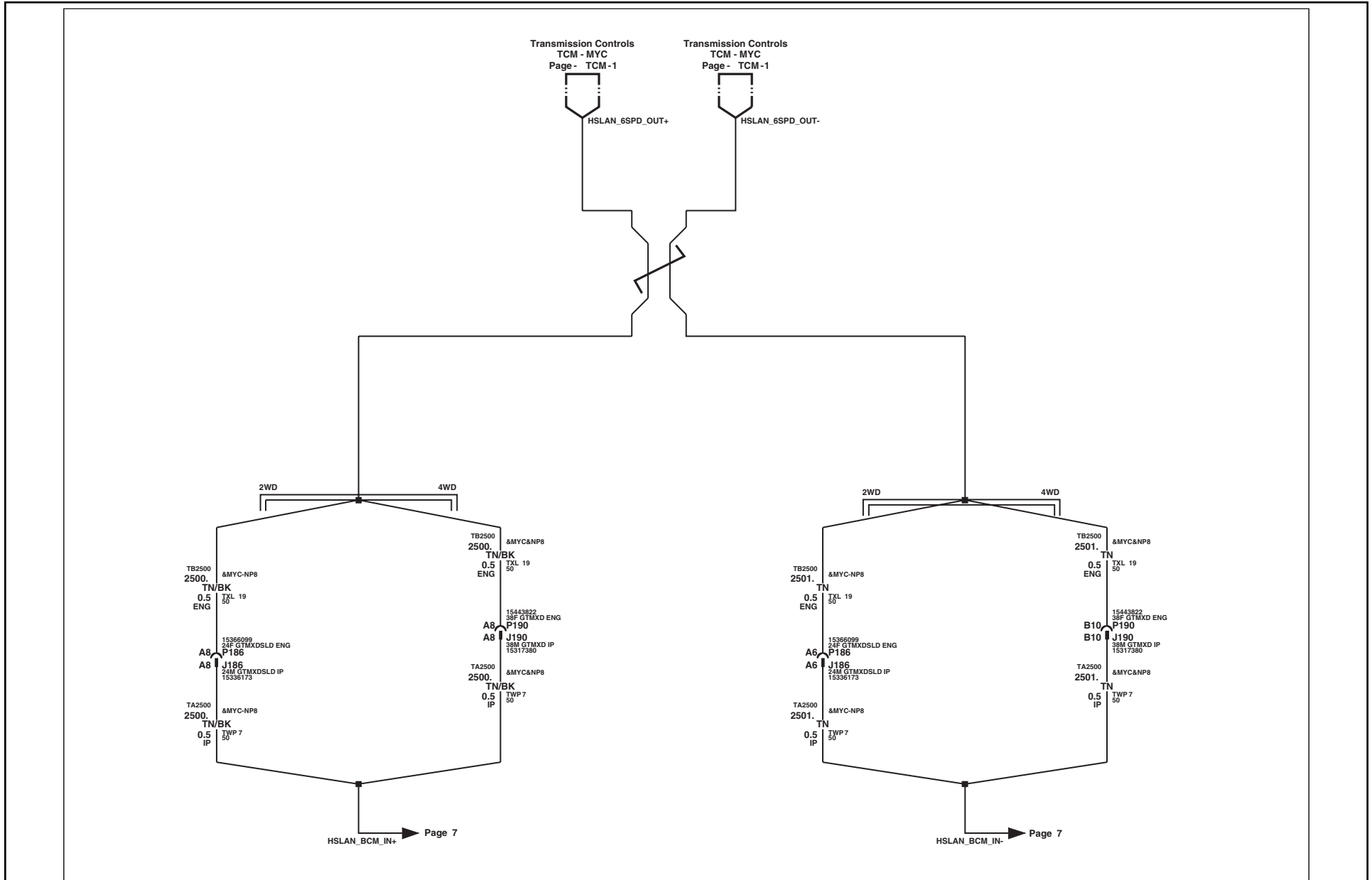
## Power Moding/Serial Data



Power Moding/Serial Data		OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	2:36:41 pm	ORGANIZATION	USAGE
Preliminary	07 GMT900	1_07_pwr_mode	013	SSF	1			GMT900	
Panel Set: 5 of 18	schematic sheet1	9	SIVEDWORK/1_07_pwr_mode_013			Thursday, January 19, 2006			

GM Proprietary

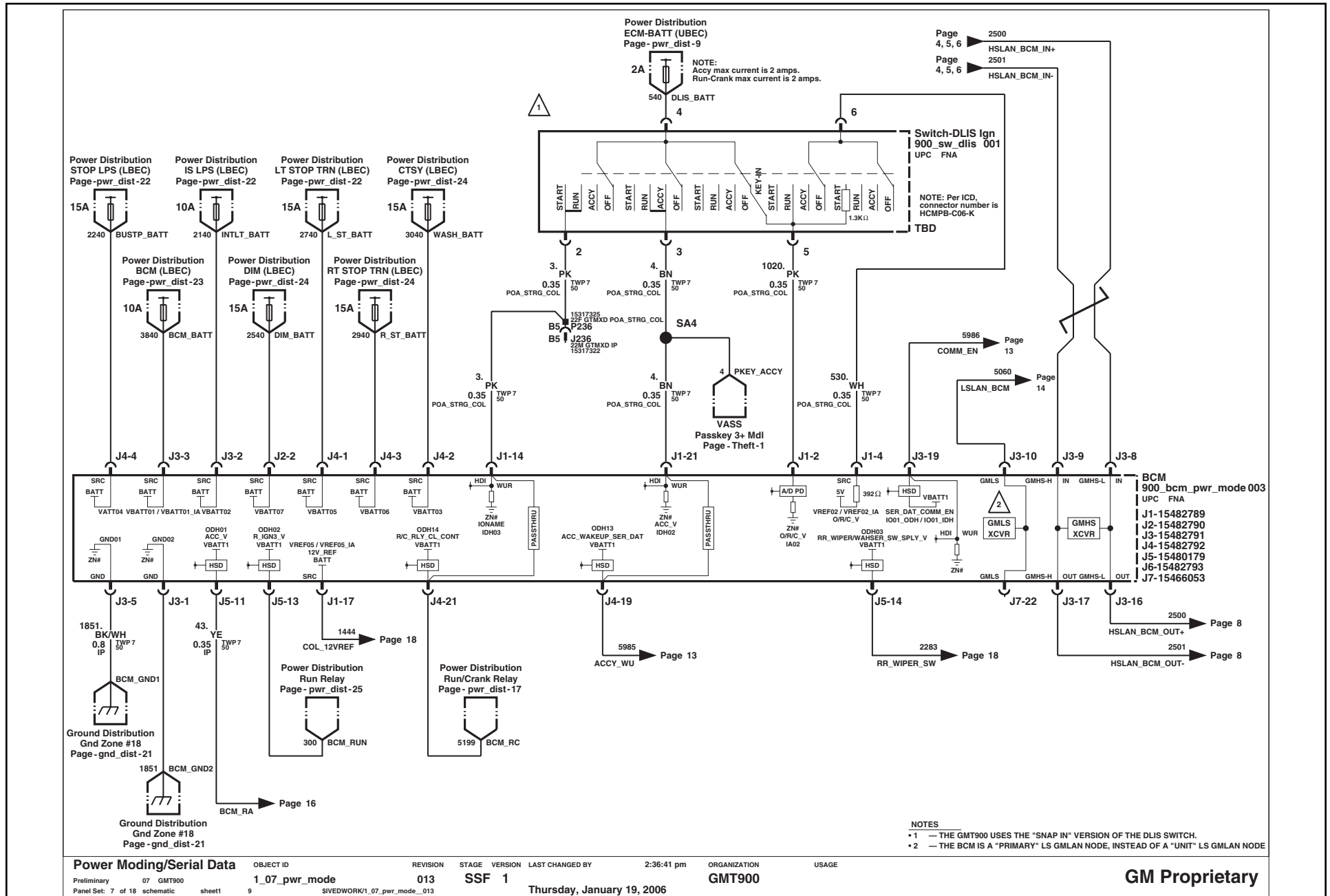
## Power Moding/Serial Data



Power Moding/Serial Data		OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	2:36:41 pm	ORGANIZATION	USAGE
Preliminary	07 GMT900	1_07_pwr_mode	013	SSF	1			GMT900	
Panel Set: 6 of 18 schematic	sheet1	9	SIVEDWORK/1_07_pwr_mode_013			Thursday, January 19, 2006			

GM Proprietary

## Power Moding/Serial Data



**Power Moding/Serial Data**

OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	2:36:41 pm	ORGANIZATION	USAGE
1_07_pwr_mode	013	SSF	1			GMT900	

Preliminary 07 GMT900  
Panel Set: 7 of 18 schematic sheet1

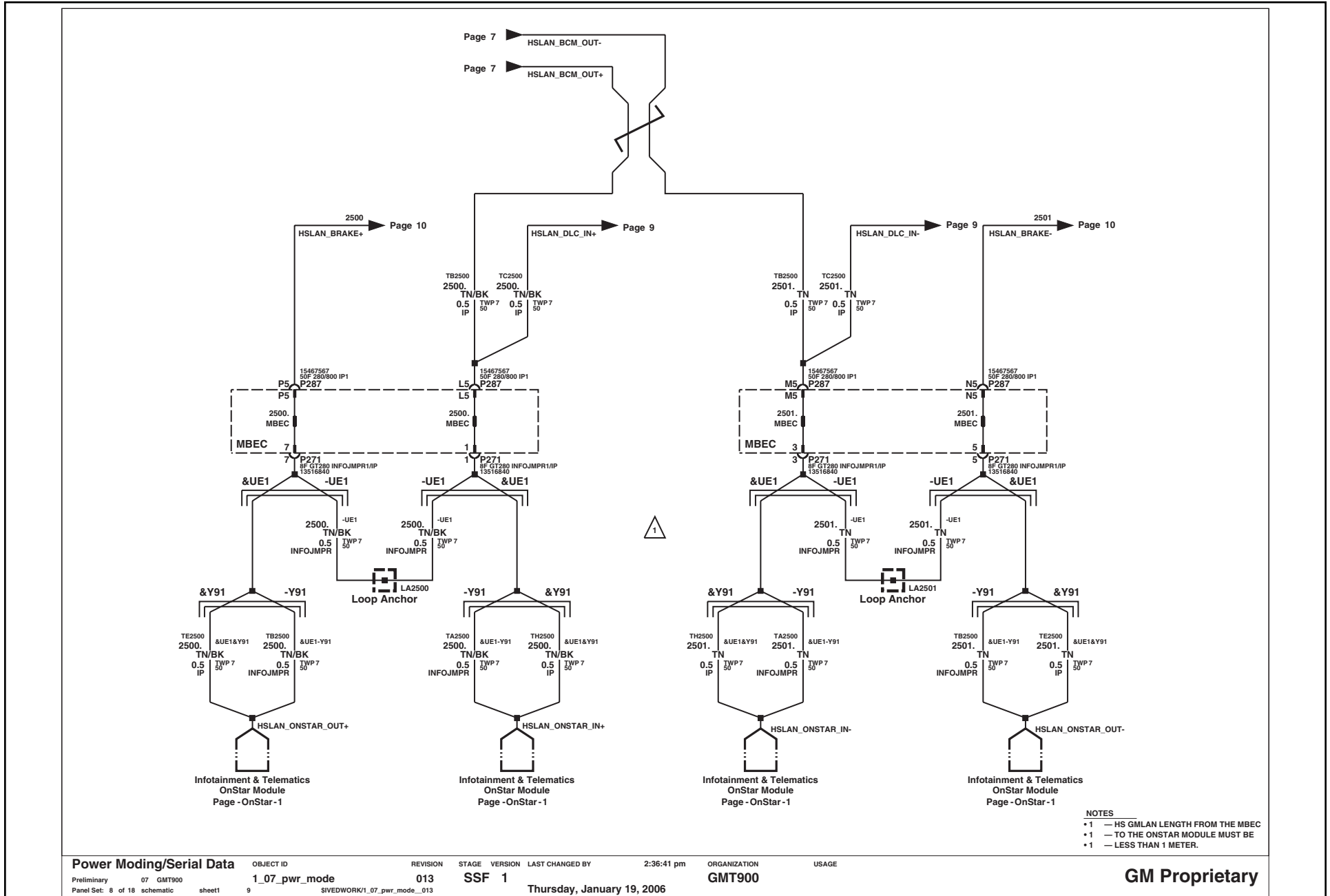
Thursday, January 19, 2006

GM Proprietary

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

PAGE **D-236**

## Power Moding/Serial Data



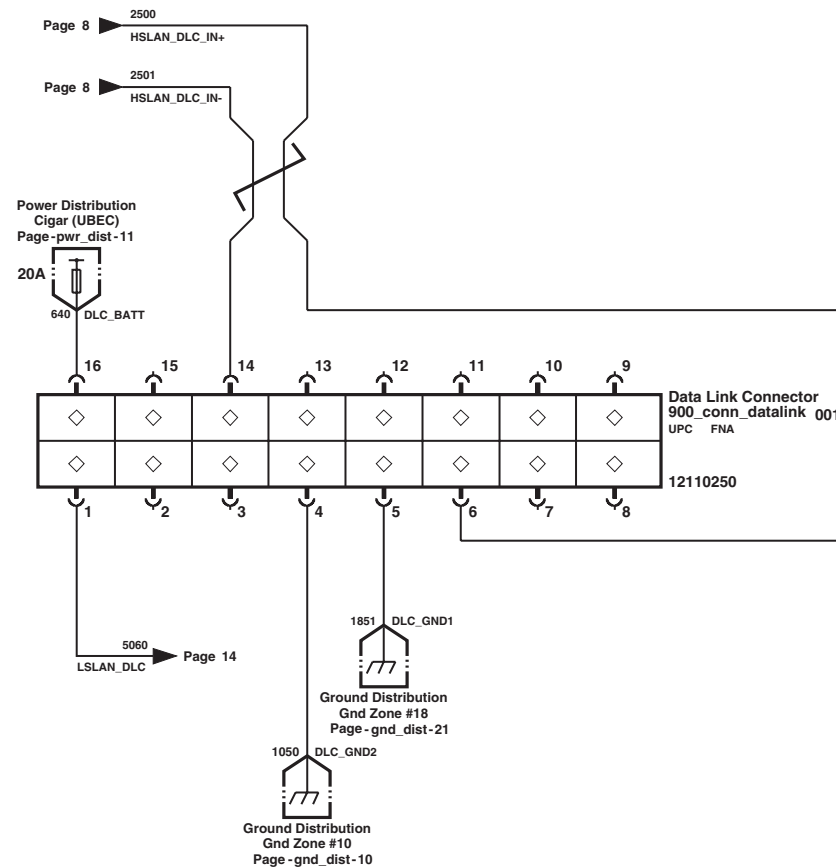
Power Moding/Serial Data	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	2:36:41 pm	ORGANIZATION	USAGE
Preliminary	07 GMT900	1_07_pwr_mode	013	SSF	1		GMT900	
Panel Set: 8 of 18 schematic sheet1	9	SIVEDWORK/1_07_pwr_mode_013						

GM Proprietary



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Power Moding/Serial Data



**Power Moding/Serial Data**

OBJECT ID: 1\_07\_pwr\_mode  
 REVISION: 013  
 STAGE: SSF 1  
 VERSION: 1  
 LAST CHANGED BY: 2:36:41 pm  
 ORGANIZATION: GMT900  
 USAGE:

Preliminary 07 GMT900  
 Panel Set: 9 of 18 schematic sheet1

1\_07\_pwr\_mode  
 9 SIVEDWORK/1\_07\_pwr\_mode\_013

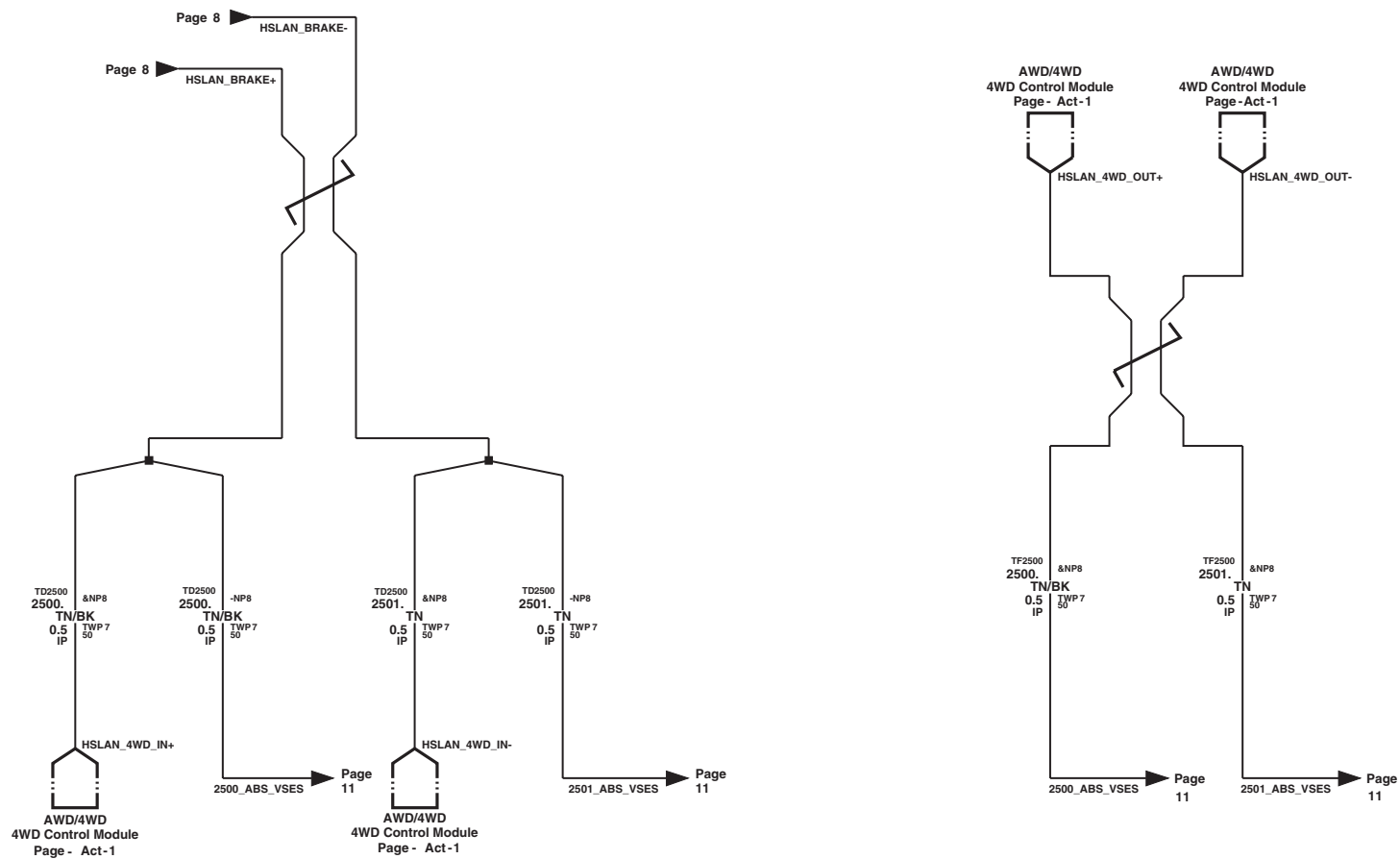
Thursday, January 19, 2006

**GM Proprietary**

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

PAGE D-238

## Power Moding/Serial Data



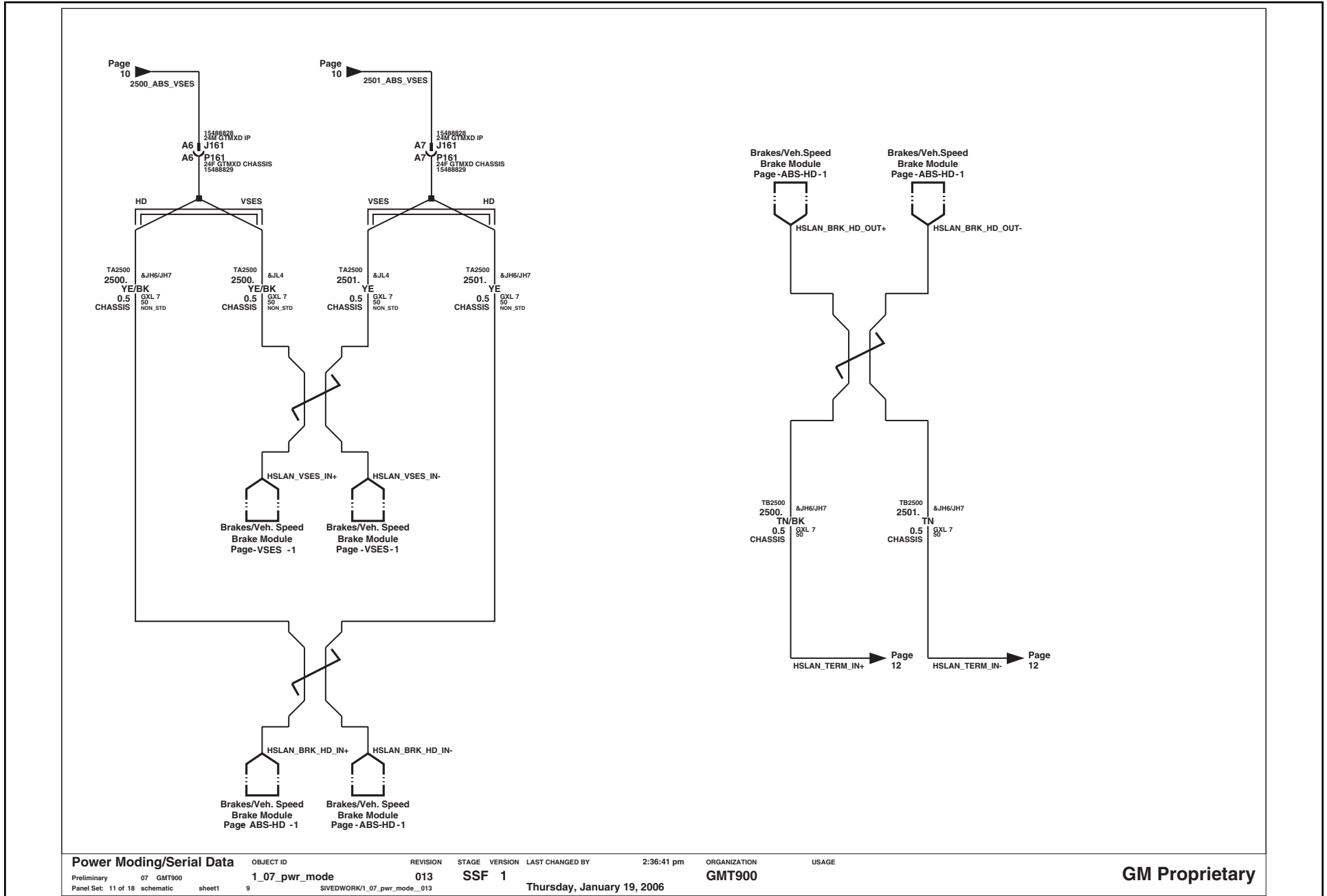
**Power Moding/Serial Data**

OBJECT ID: 1\_07\_pwr\_mode  
 REVISION: 013  
 STAGE: SSF 1  
 LAST CHANGED BY: 2:36:41 pm  
 ORGANIZATION: GMT900  
 USAGE:

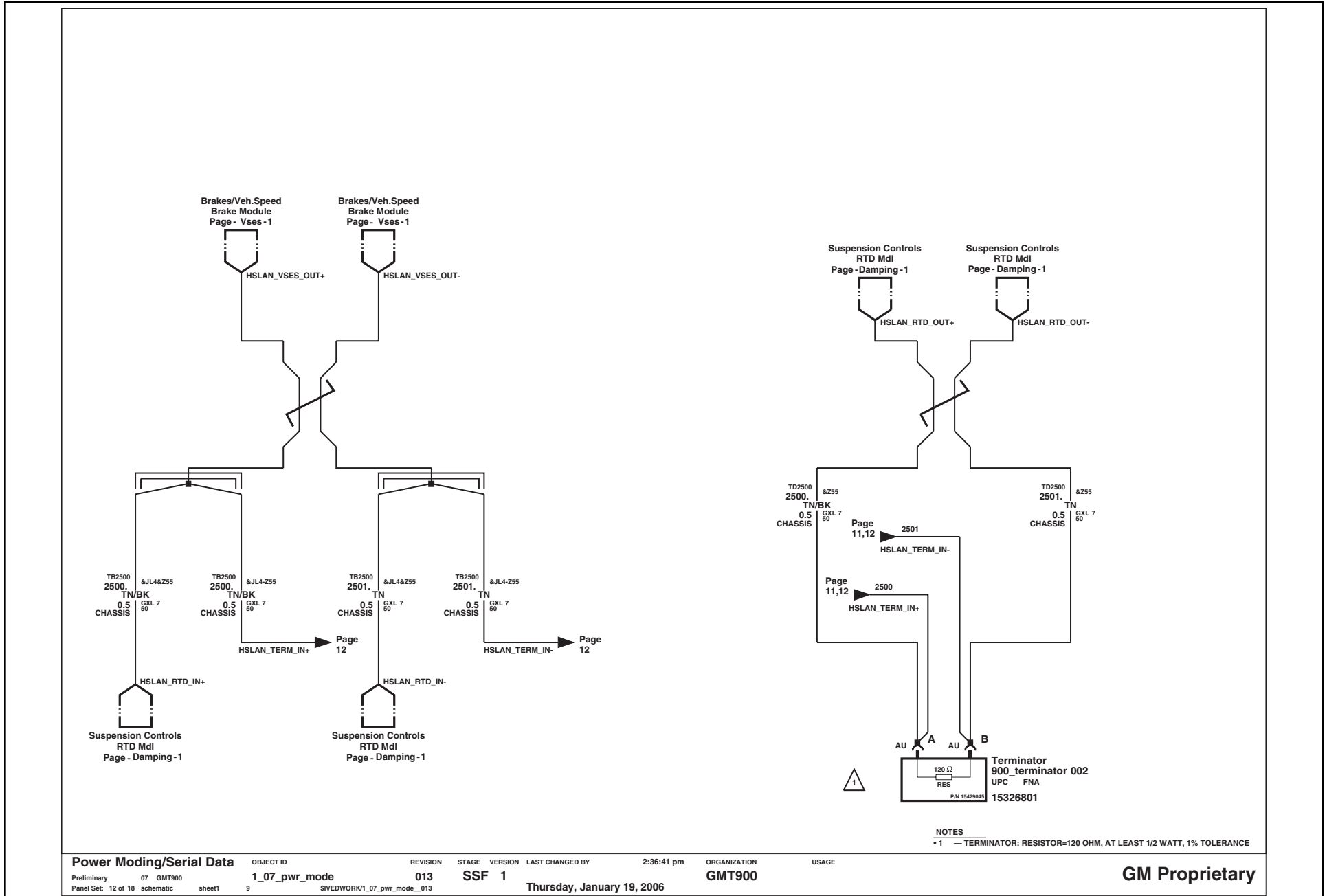
GM Proprietary

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Power Moding/Serial Data



## Power Moding/Serial Data

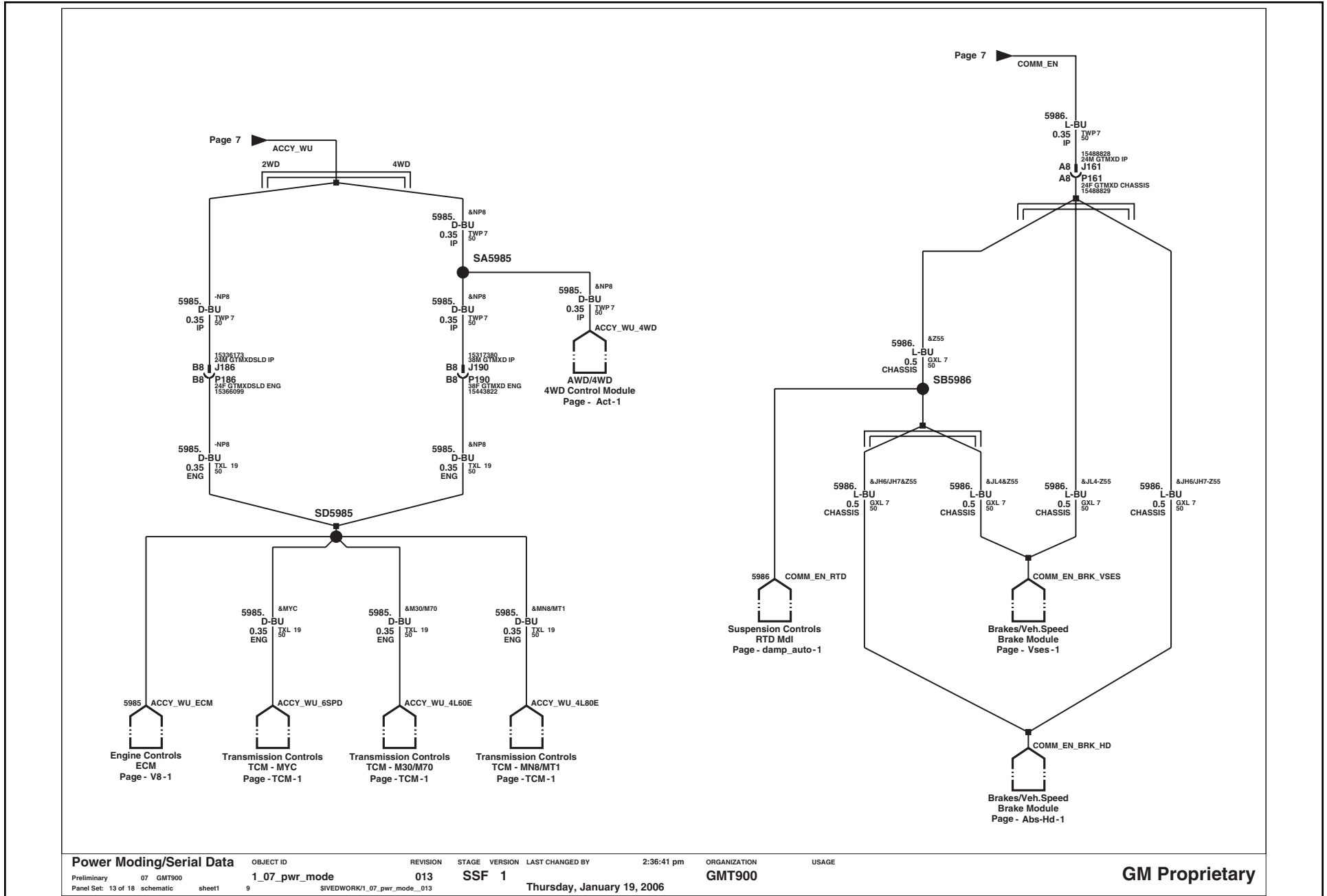


Power Moding/Serial Data	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	2:36:41 pm	ORGANIZATION	USAGE
Preliminary	07 GMT900	1_07_pwr_mode	013	SSF	1		GMT900	
Panel Set: 12 of 18	schematic sheet1	9			SIVEDWORK/1_07_pwr_mode_013			
					Thursday, January 19, 2006			

GM Proprietary

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Power Moding/Serial Data

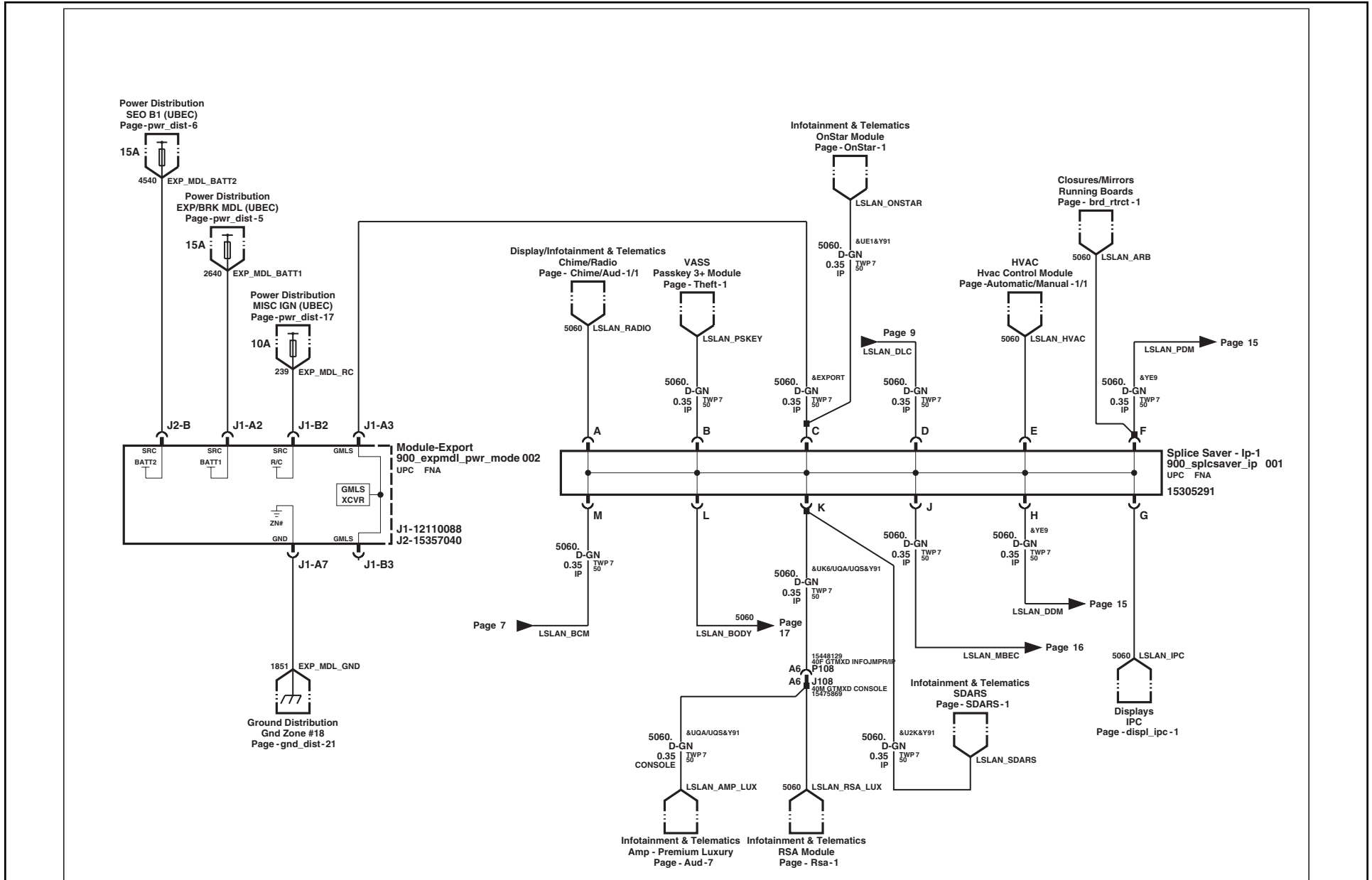


Power Moding/Serial Data	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	2:36:41 pm	ORGANIZATION	USAGE
Preliminary	07 GMT900	013	SSF	1			GMT900	
Panel Set: 13 of 18 schematic sheet1	1_07_pwr_mode	013						
	9	SIVEDWORK/1_07_pwr_mode_013						
					Thursday, January 19, 2006			

GM Proprietary

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

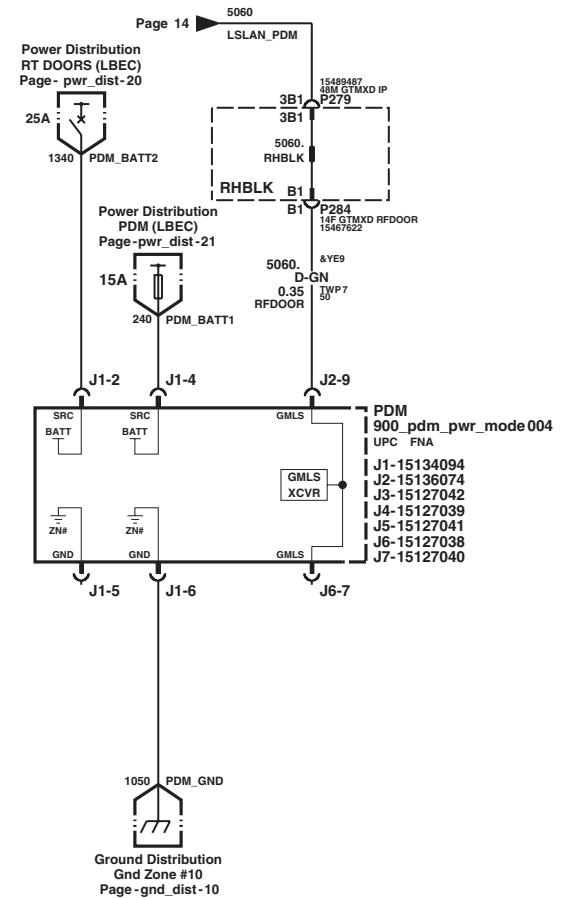
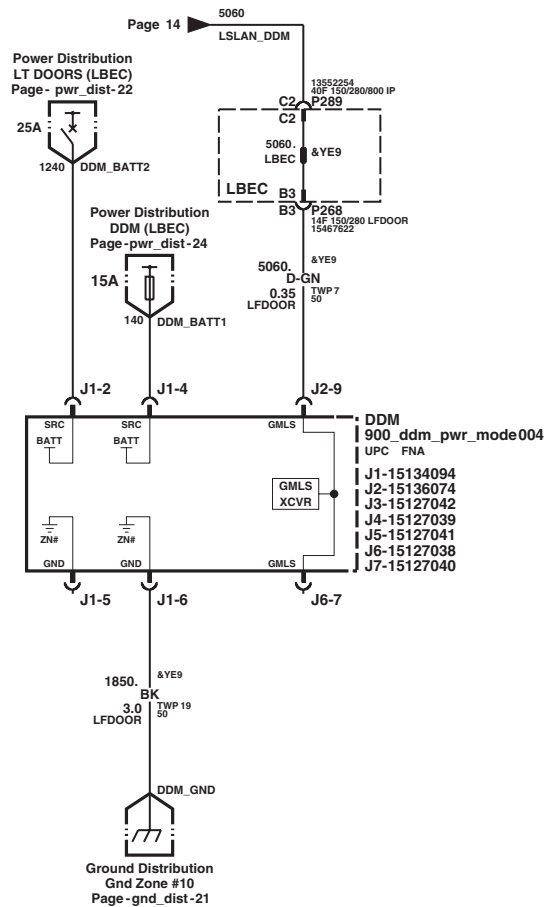
## Power Moding/Serial Data



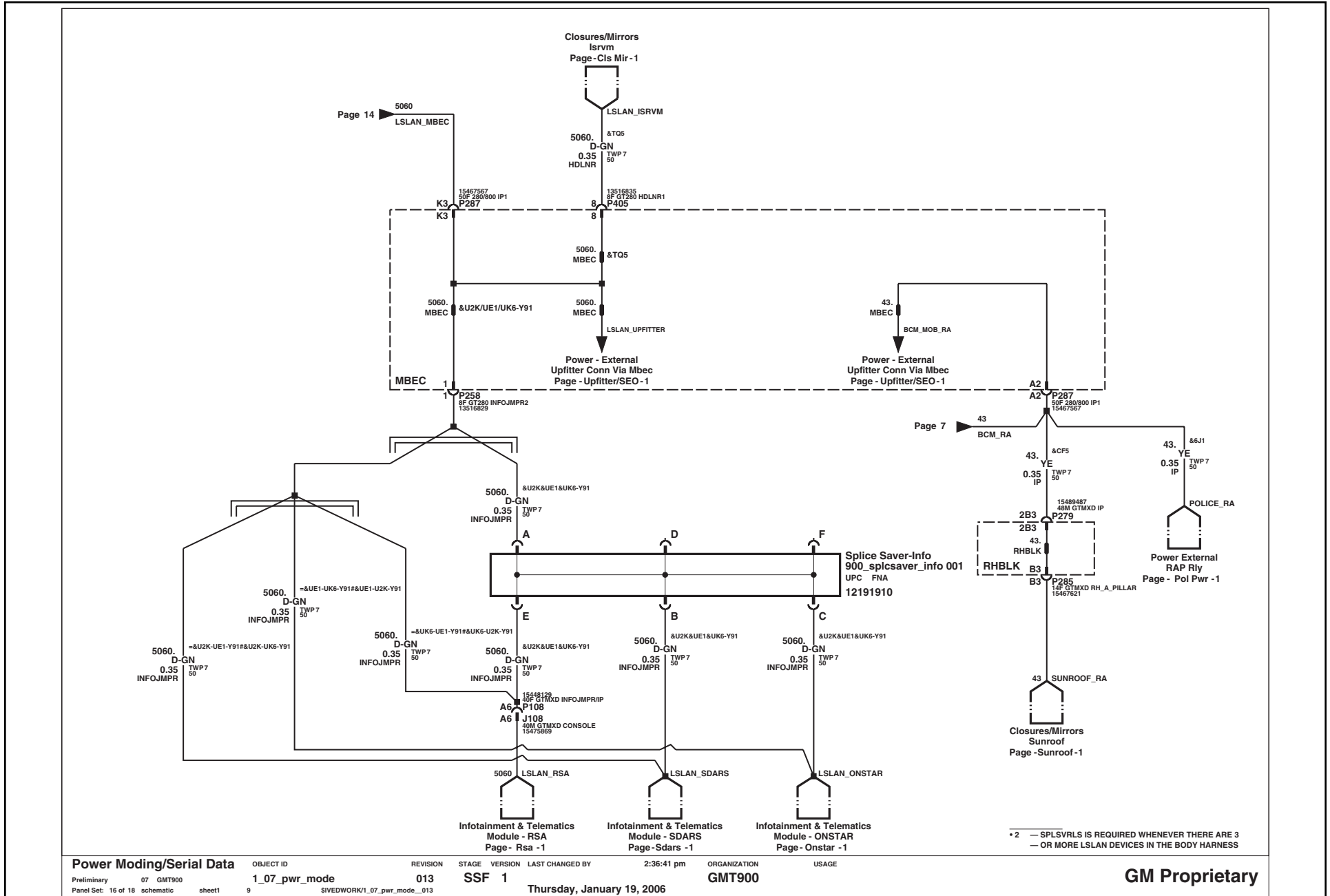
Power Moding/Serial Data	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	2:36:41 pm	ORGANIZATION	USAGE
Preliminary	07 GMT900	1_07_pwr_mode	013	SSF	1	Thursday, January 19, 2006	GMT900	
Panel Set: 14 of 18 schematic sheet1	9	SIVEDWORK/1_07_pwr_mode_013						

GM Proprietary

## Power Moding/Serial Data

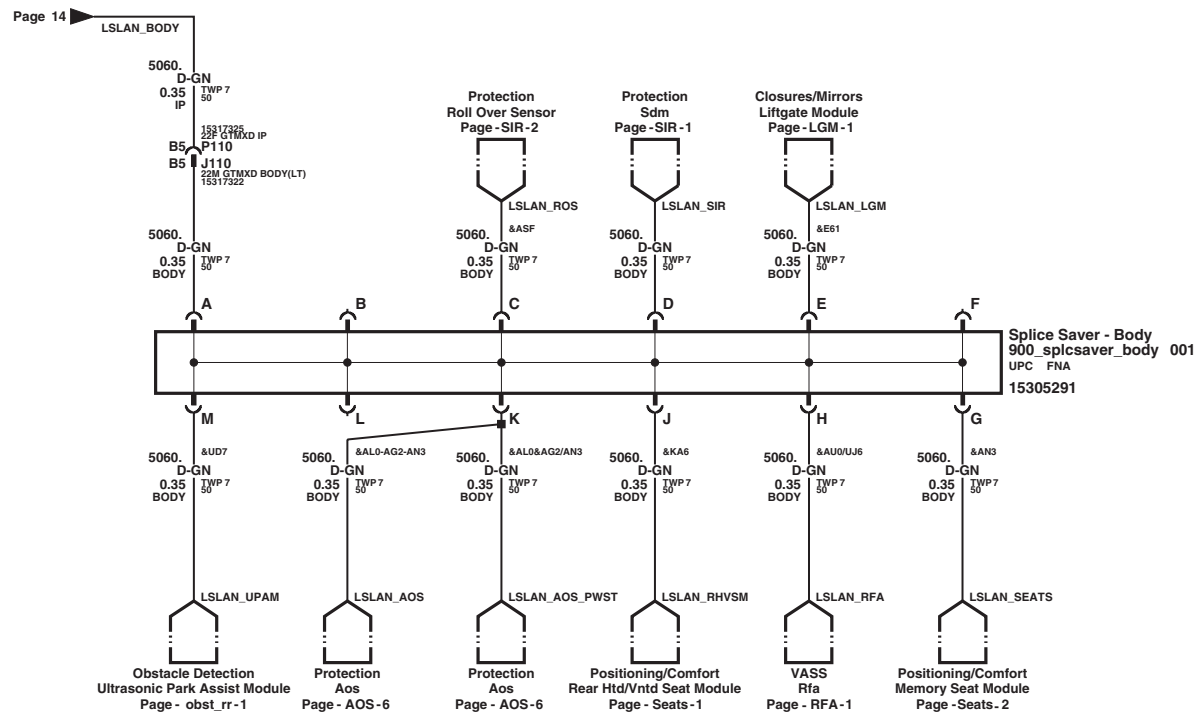


## Power Moding/Serial Data





## Power Moding/Serial Data

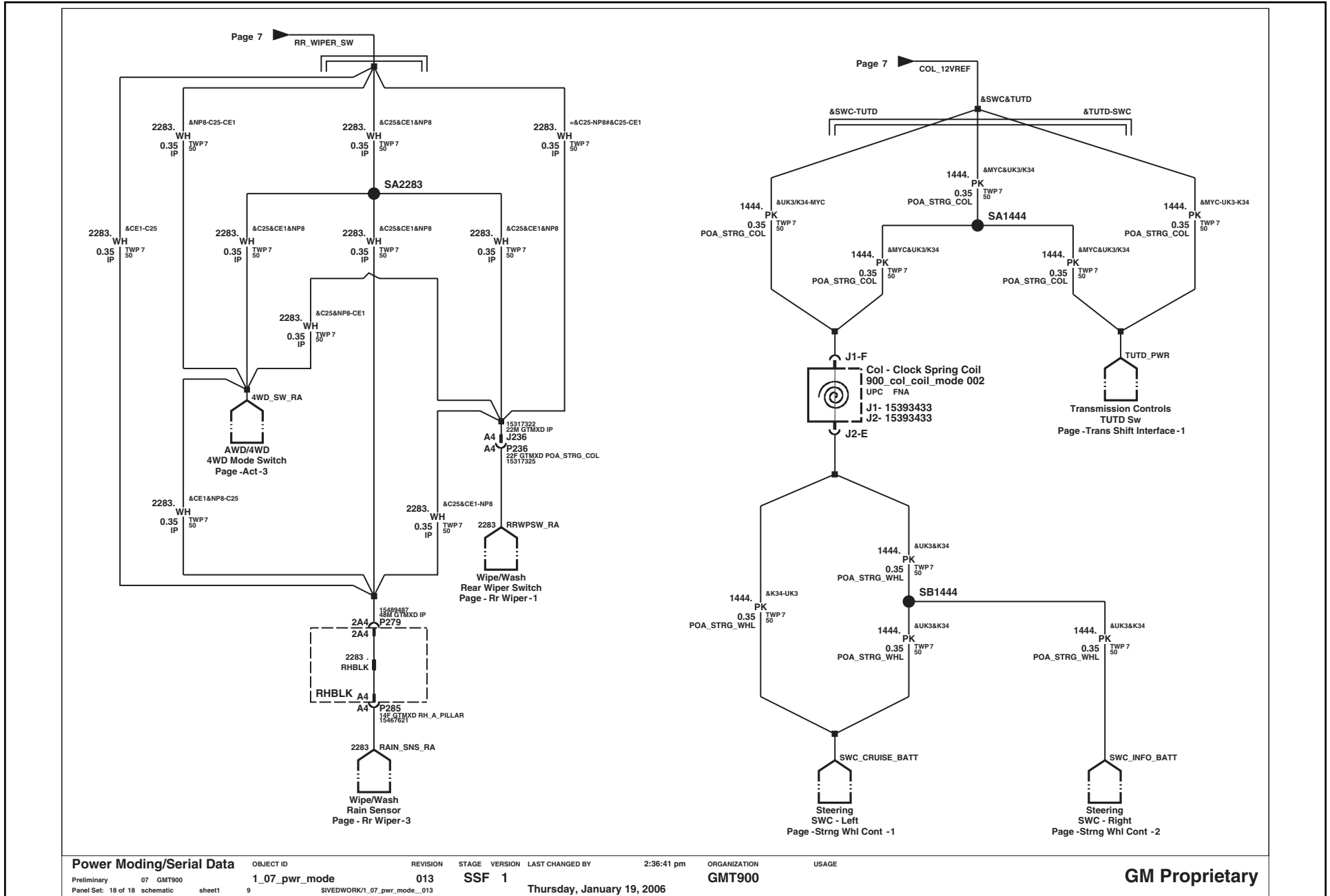


Power Moding/Serial Data	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	2:36:41 pm	ORGANIZATION	USAGE
Preliminary	07 GMT900	1_07_pwr_mode 013	SSF	1			GMT900	
Panel Set: 17 of 18 schematic sheet1	9	SIVEDWORK/1_07_pwr_mode_013			Thursday, January 19, 2006			

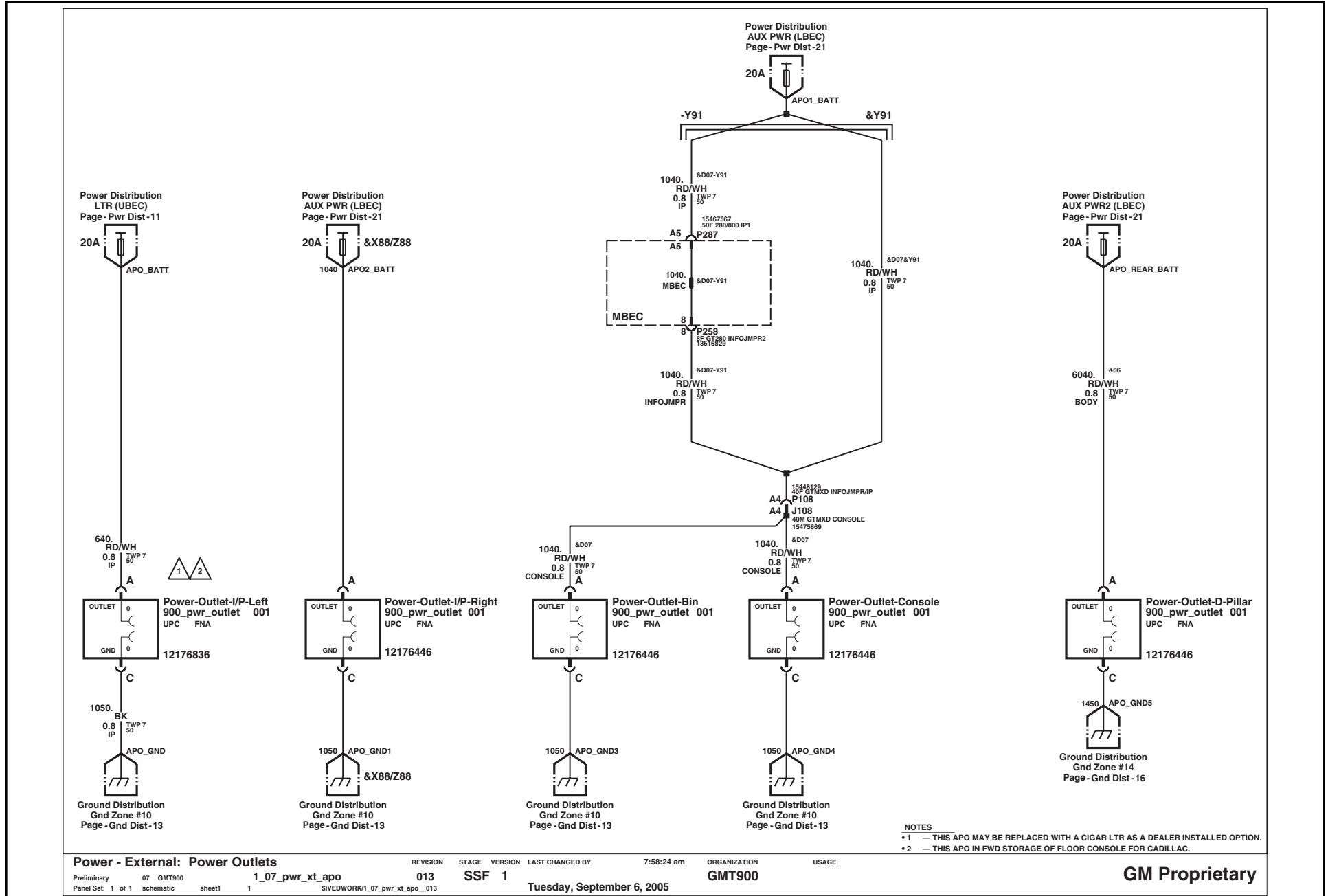
GM Proprietary

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Power Moding/Serial Data



## Power – External: Power Outlets



**Power - External: Power Outlets**

Preliminary 07 GMT900 1\_07\_pwr\_xt\_apo 013 SSF 1 LAST CHANGED BY 7:58:24 am ORGANIZATION USAGE  
 Panel Set: 1 of 1 schematic sheet1 1 SIVEDWORK/1\_07\_pwr\_xt\_apo\_013 Tuesday, September 6, 2005 GMT900

**GM Proprietary**

## Power – External: Cigar Lighter

- THERE IS NO FACTORY INSTALLED CIGAR LIGHTER FOR GMT900.
- SEE POWER OUTLETS FOR A DEALER INSTALLED CIGAR LIGHTER.

### Power - External: Cigar Lighter

Preliminary 07 GMT900 1\_07\_pwr\_xt\_cig\_ltr  
Panel Set: 1 of 1 schematic sheet1 1 SIVEDWORK/1\_07\_pwr\_xt\_cig\_ltr\_013

REVISION

STAGE VERSION

LAST CHANGED BY

7:58:38 am

ORGANIZATION

USAGE

013

SSF 1

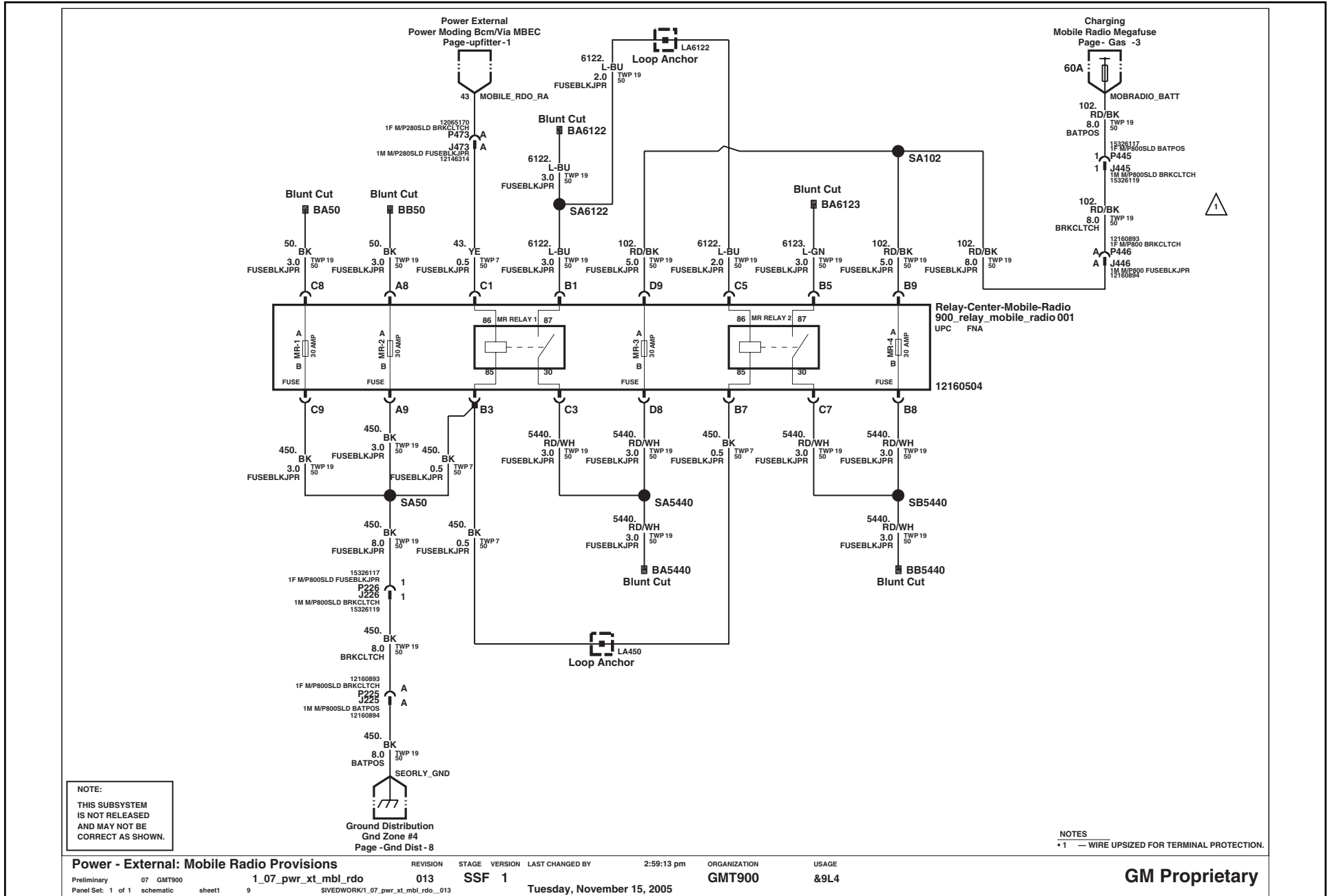
GMT900

Tuesday, September 6, 2005

GM Proprietary

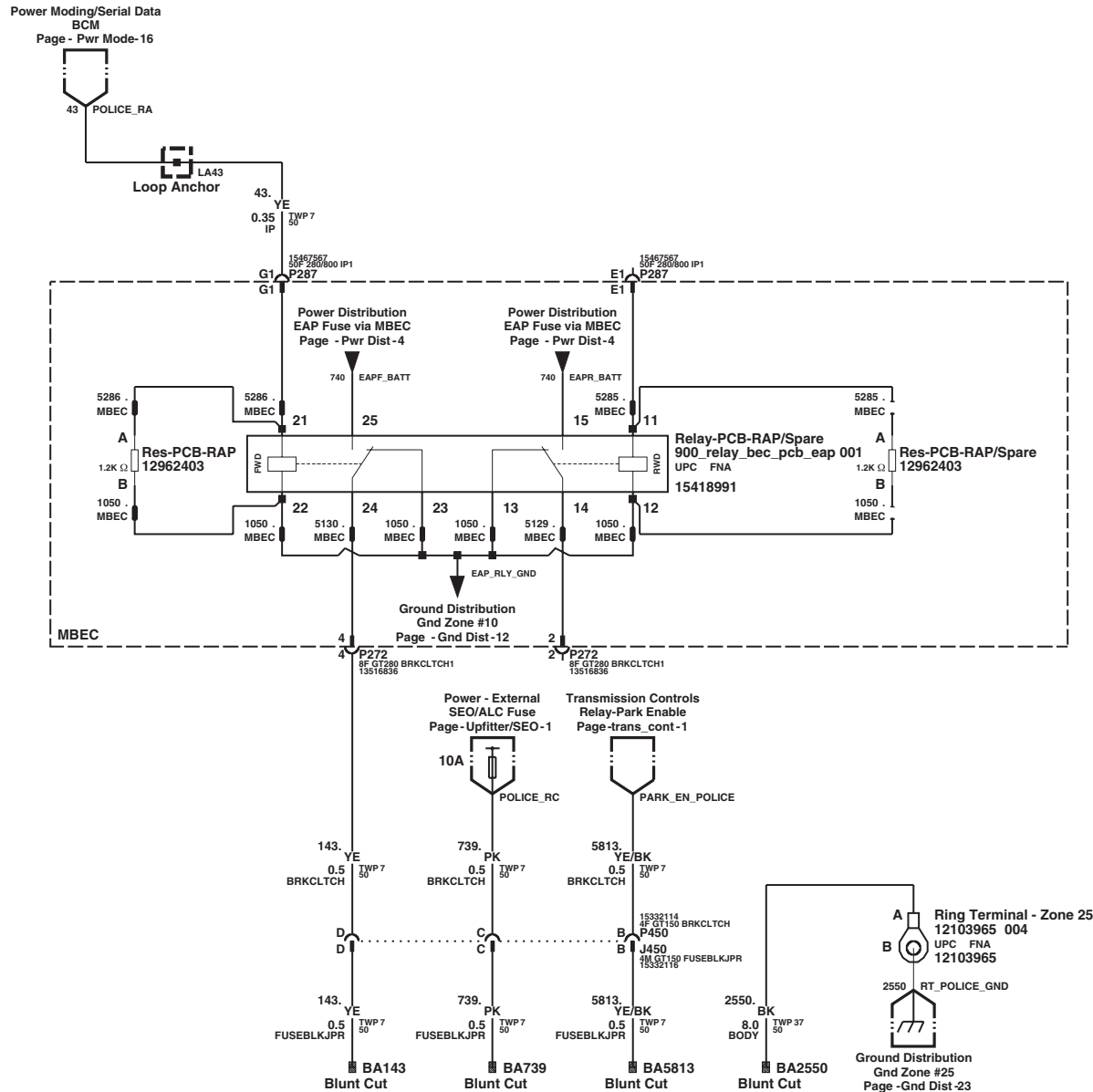
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Power - External: Mobile Radio Provisions



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Power - External: Police Power



### Power External: Police Power

Preliminary 07 GMT900 1\_07\_pwr\_xt\_police 013  
Panel Set: 1 of 2 schematic sheet1 8 SIVEDWORK/1\_07\_pwr\_xt\_police\_013

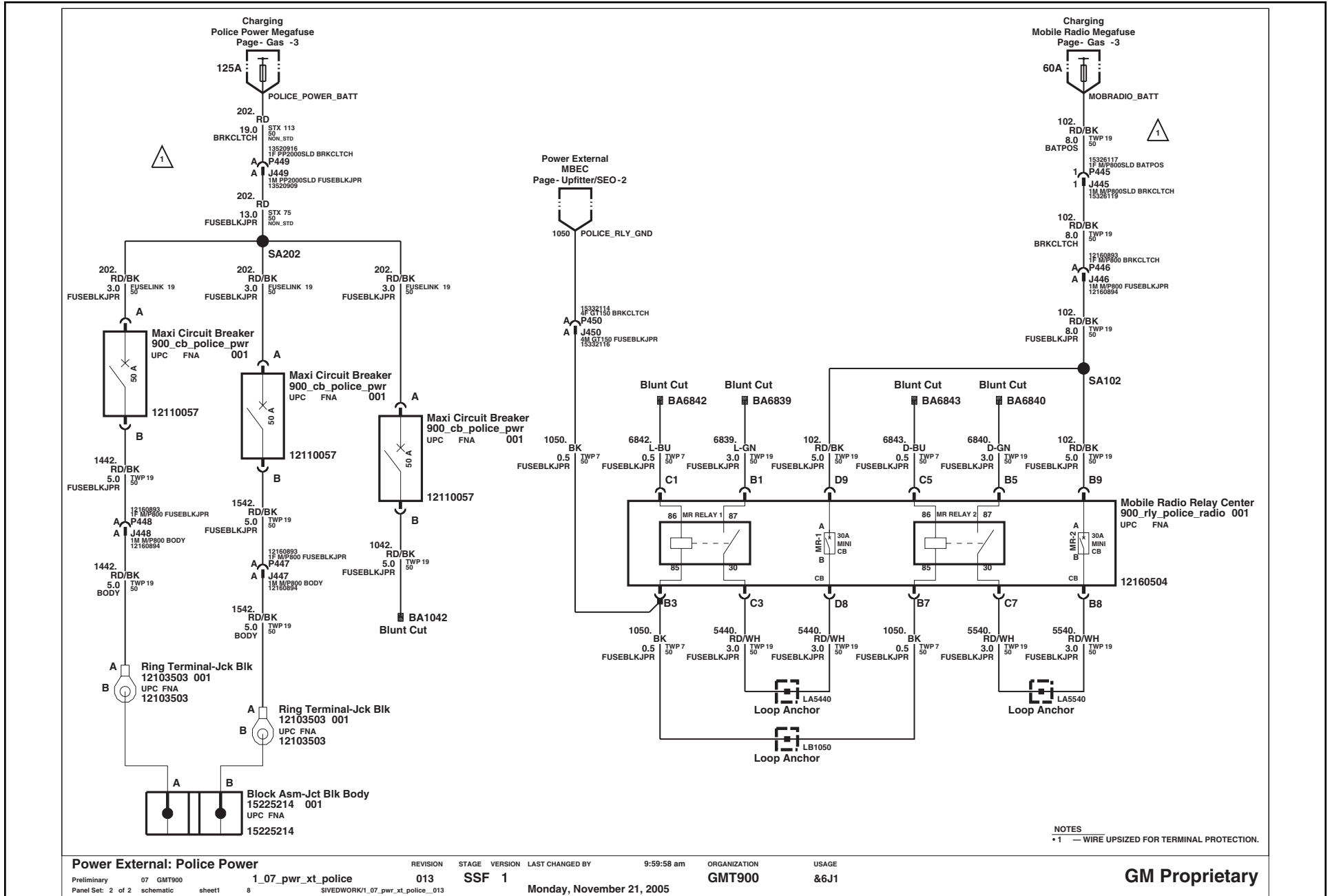
REVISION STAGE VERSION LAST CHANGED BY 9:59:58 am  
SSF 1 Monday, November 21, 2005

ORGANIZATION USAGE  
GMT900 &6J1

GM Proprietary

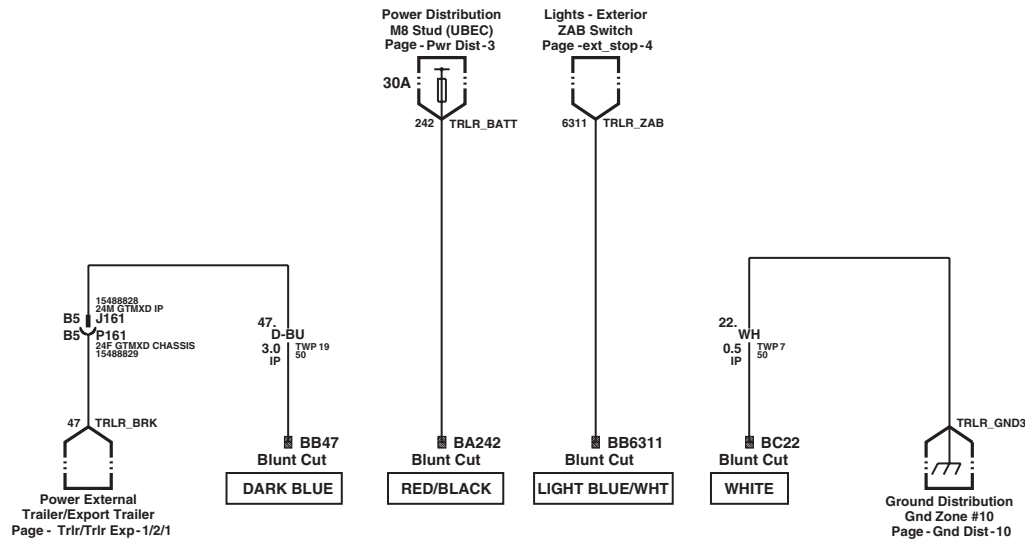
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Power – External: Police Power



NOTES  
 \* 1 — WIRE UPSIZED FOR TERMINAL PROTECTION.

## Power – External: Trailer Brakes



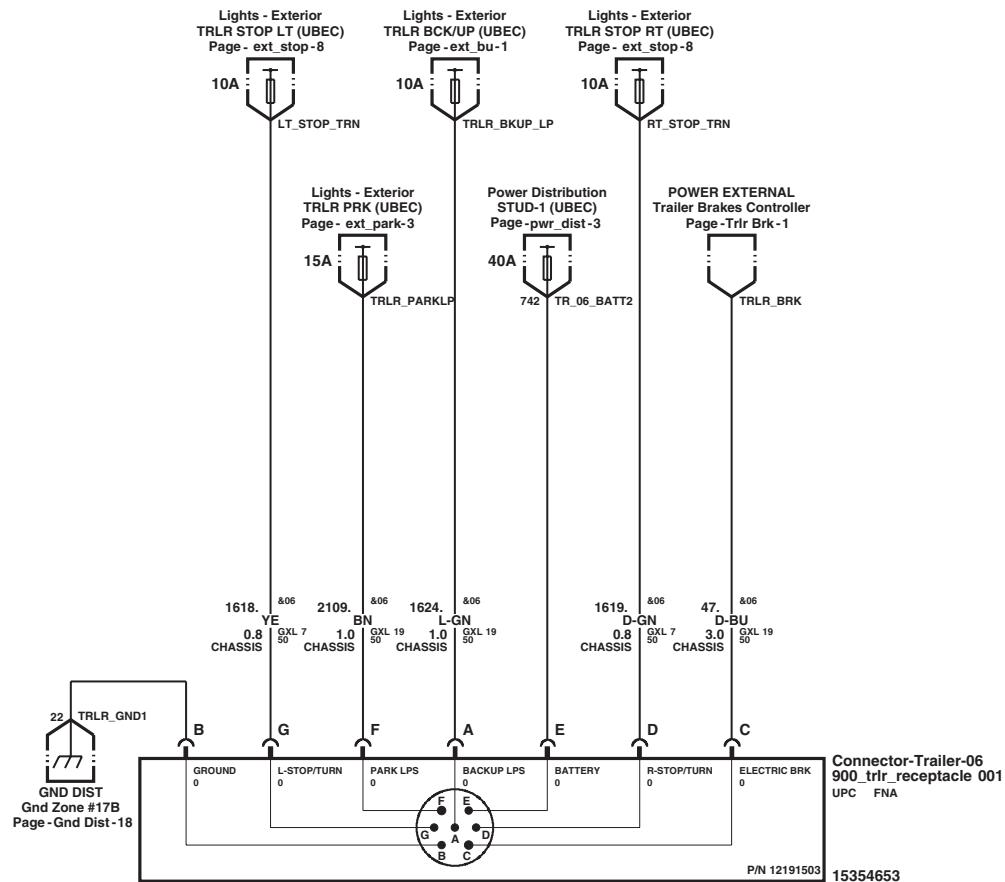
**Power - External: Trailer Brakes**

Preliminary	07	GMT900	1_07_pwr_xt_trlr_brk	013	SSF	1	LAST CHANGED BY	7:59:34 am	ORGANIZATION	GMT900	USAGE
Panel Set:	1	of 1	schematic	sheet1	1		SIVEDWORK/1_07_pwr_xt_trlr_brk_013	Tuesday, September 6, 2005			

**GM Proprietary**



## Power – External: Trailer Wiring

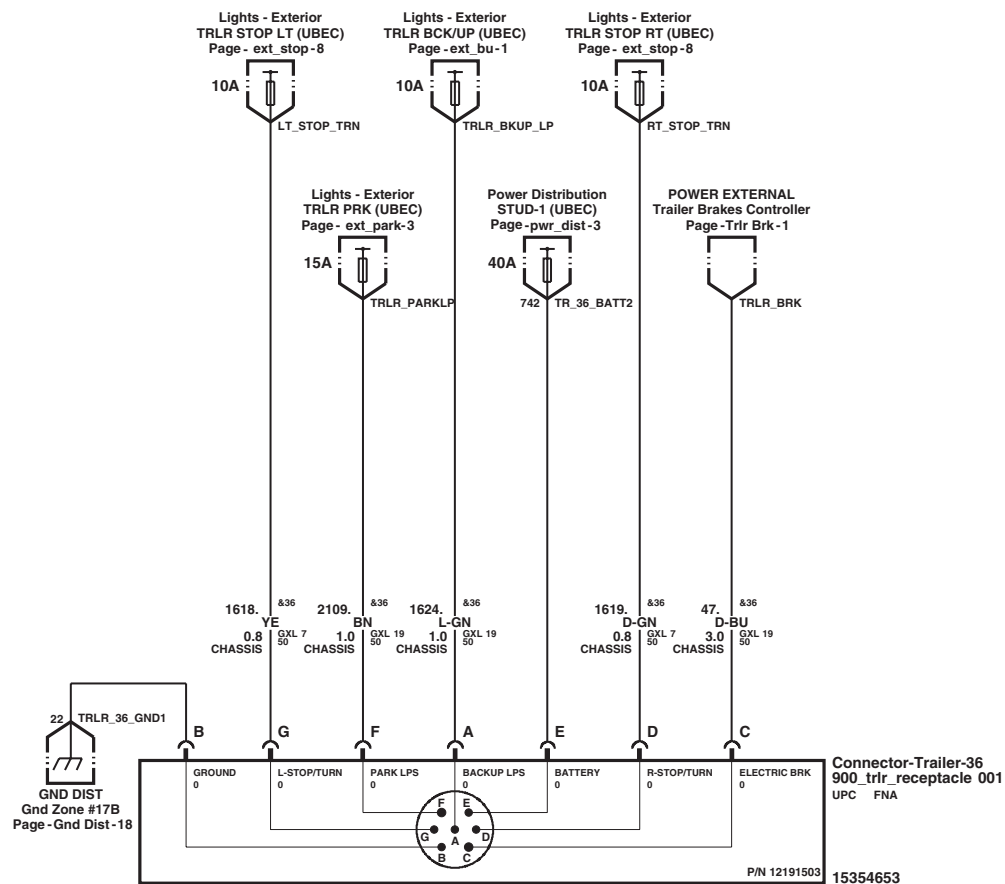


**Power - External: Trailer**

OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	7:59:20 am	ORGANIZATION	USAGE
1_07_pwr_xt_trlr	013	SSF	1			GMT900	&UY7
Preliminary 07 GMT900							
Panel Set: 1 of 2 schematic sheet1 1 SIVEDWORK/1_07_pwr_xt_trlr_013							
Tuesday, September 6, 2005							

**GM Proprietary**

## Power – External: Trailer Wiring



**Power - External: Trailer**

Preliminary 07 GMT900  
Panel Set: 2 of 2 schematic sheet1

OBJECT ID  
**1\_07\_pwr\_xt\_trlr**  
SIVEDWORK/1\_07\_pwr\_xt\_trlr\_013

REVISION  
**013**

STAGE VERSION  
**SSF 1**

LAST CHANGED BY  
**Tuesday, September 6, 2005**

7:59:20 am

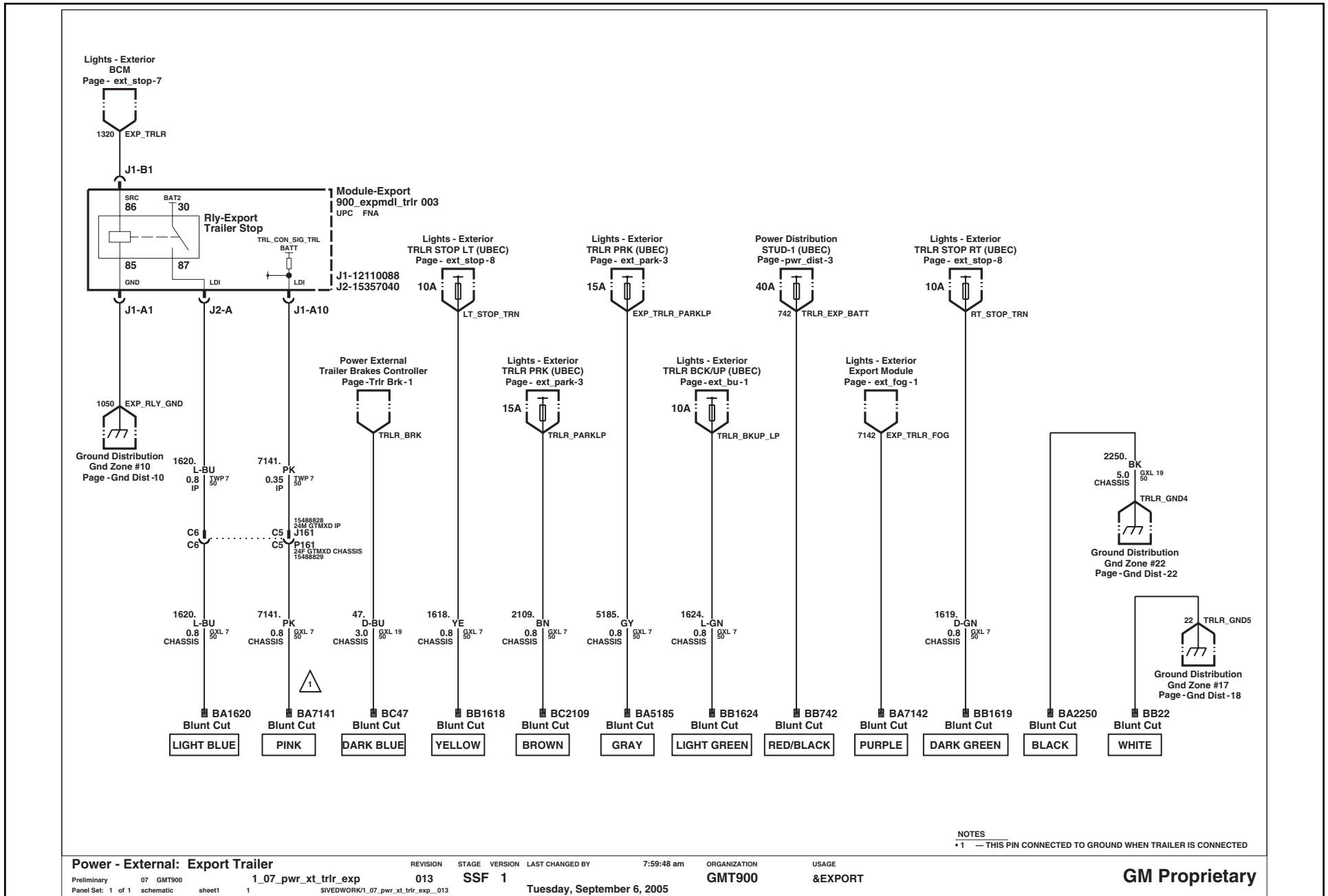
ORGANIZATION  
**GMT900**  
Panel Set: 2

USAGE  
**&UY7**

**GM Proprietary**

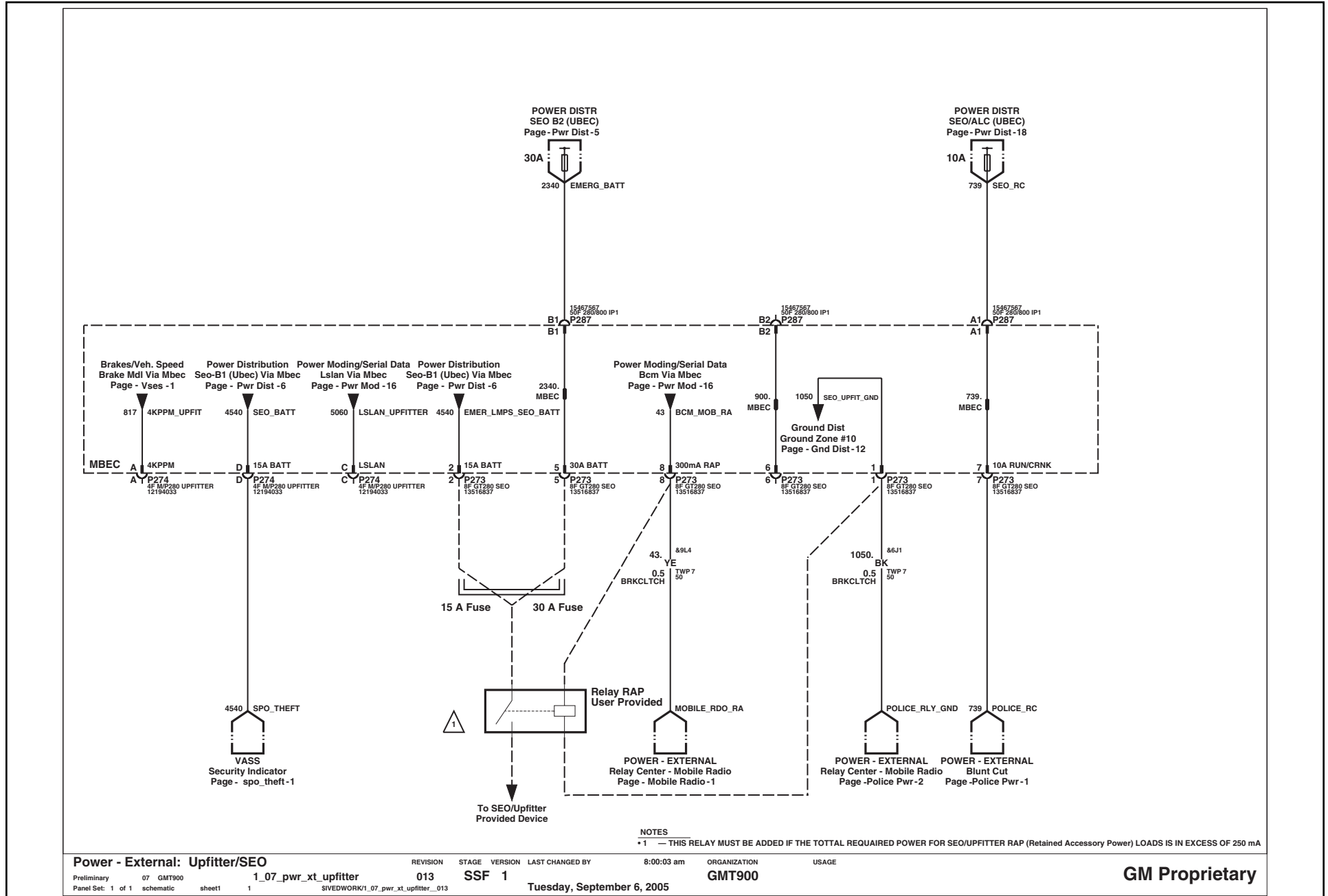
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Power – External: Export Trailer

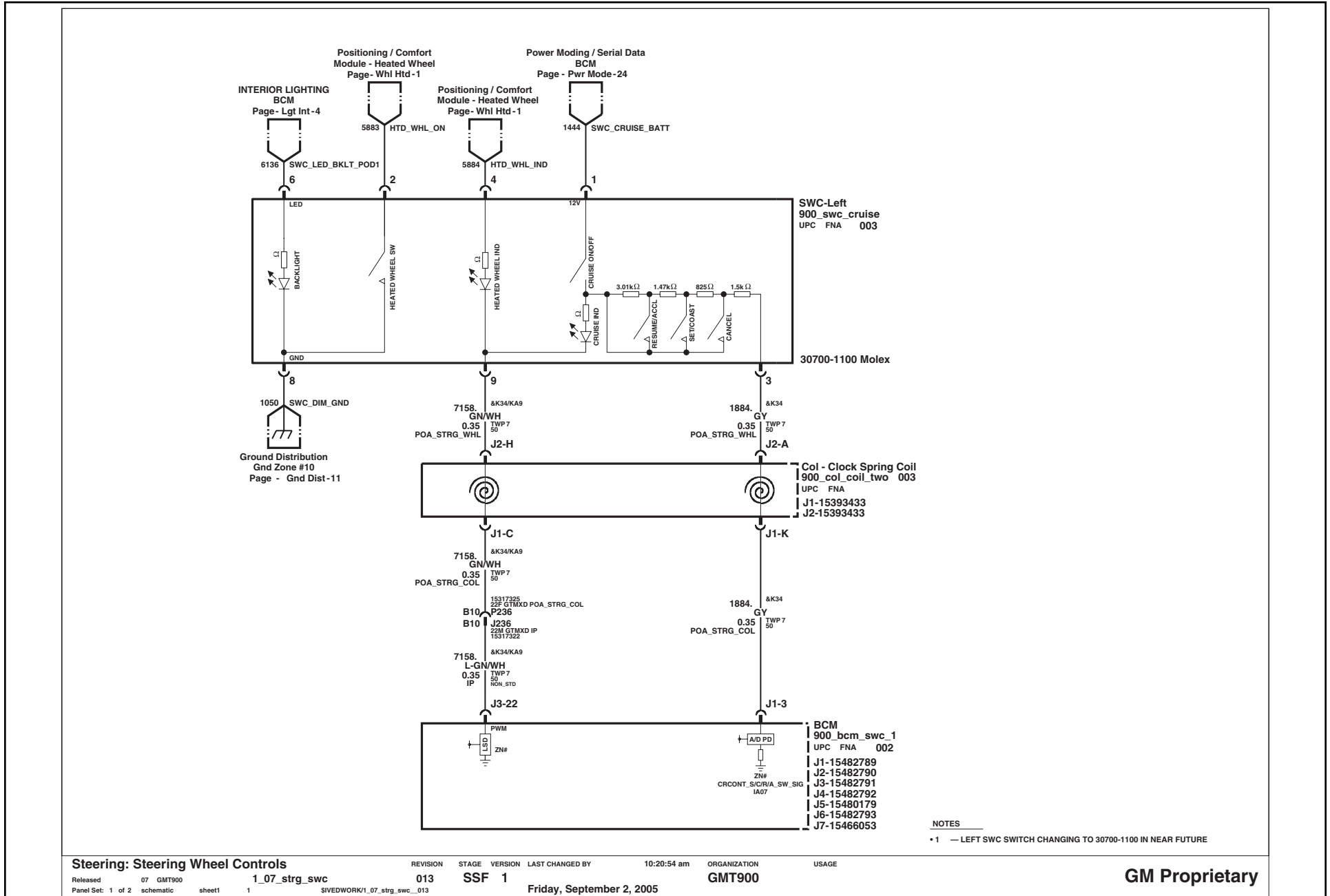


# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Power - External: Upfitter/SEO



## Steering: Steering Wheel Controls

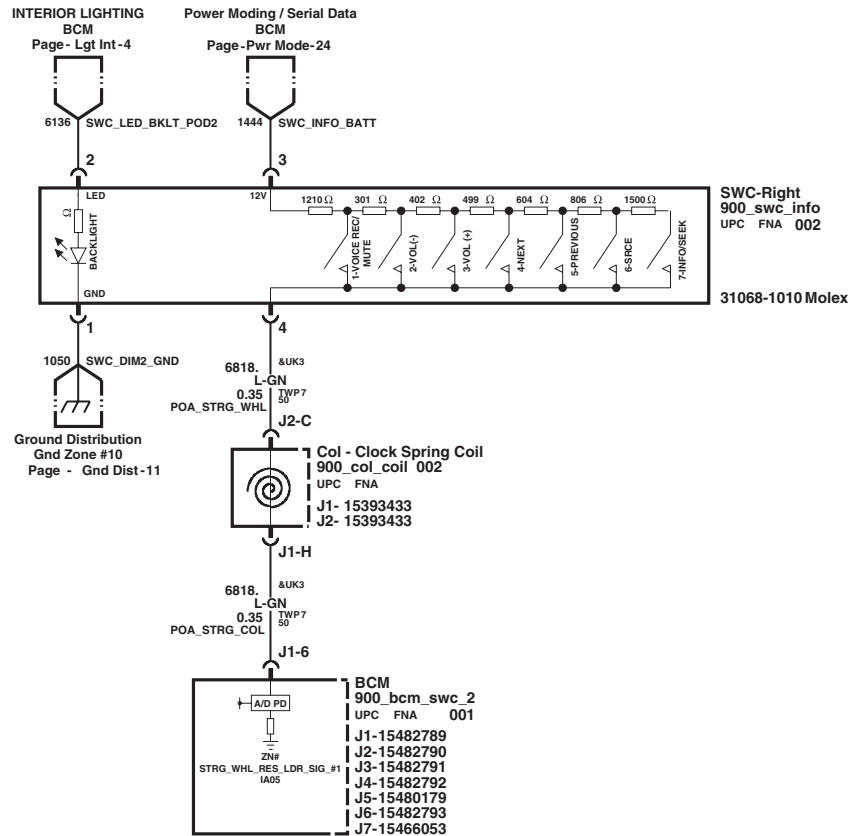


**Steering: Steering Wheel Controls**

Released 07 GMT900 1\_07\_strg\_swc 013 SSF 1 LAST CHANGED BY 10:20:54 am ORGANIZATION GMT900 USAGE

**GM Proprietary**

## Steering: Steering Wheel Controls



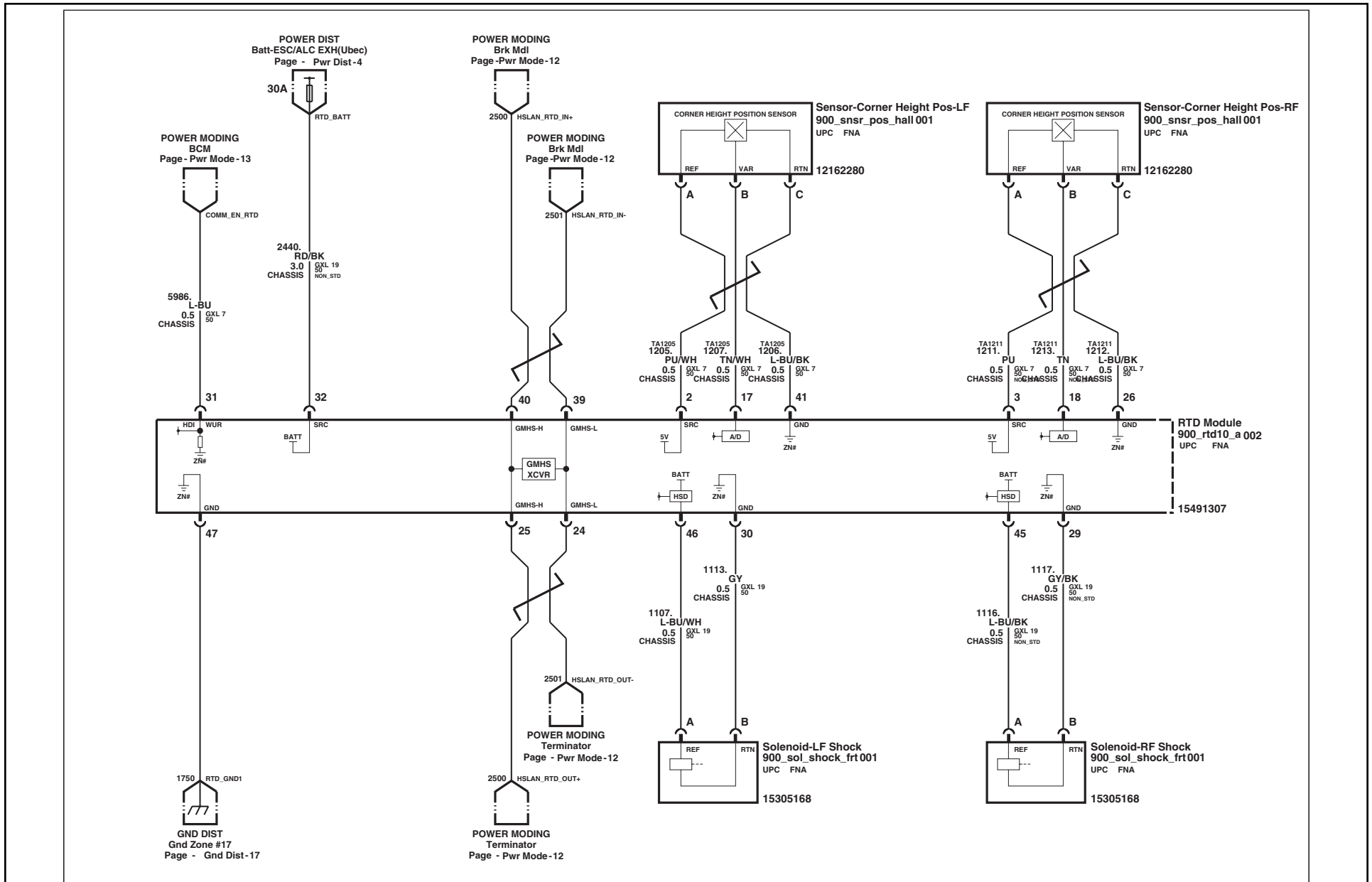
NOTES  
\*1 — FOR VEHICLES WITHOUT VOICE RECOGNITION THIS WILL BE MUTE

### Steering: Steering Wheel Controls

Released 07 GMT900 1\_07\_strg\_swc 013 REVISION STAGE VERSION LAST CHANGED BY 10:20:54 am ORGANIZATION USAGE  
Panel Set: 2 of 2 schematic sheet1 1 SIVEDWORK/1\_07\_strg\_swc\_013 SSF 1 Friday, September 2, 2005 GMT900

GM Proprietary

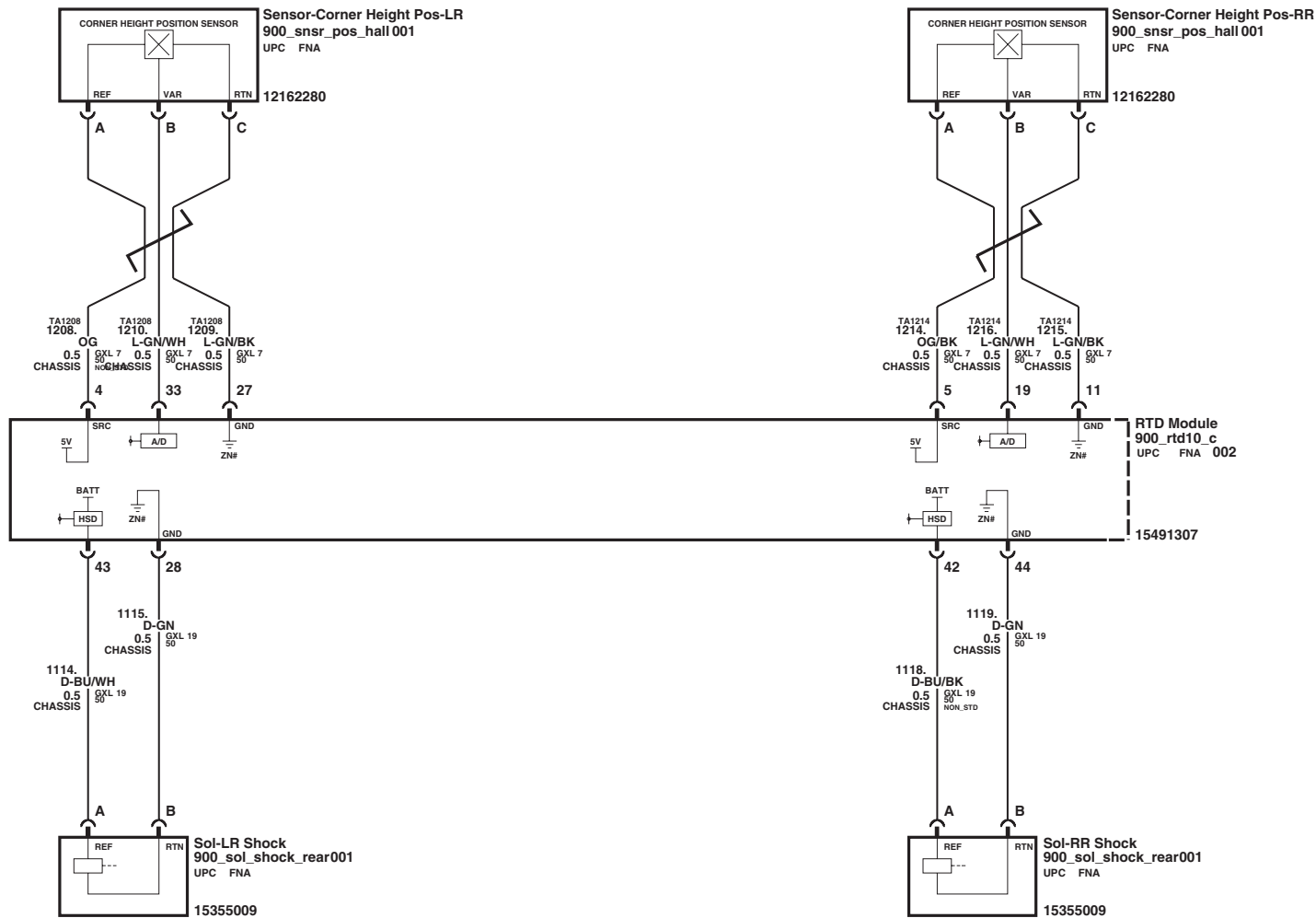
## Suspension Controls: Damping-Automatic (10 Series)



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

PAGE **D-260**

## Suspension Controls: Damping-Automatic (10 Series)



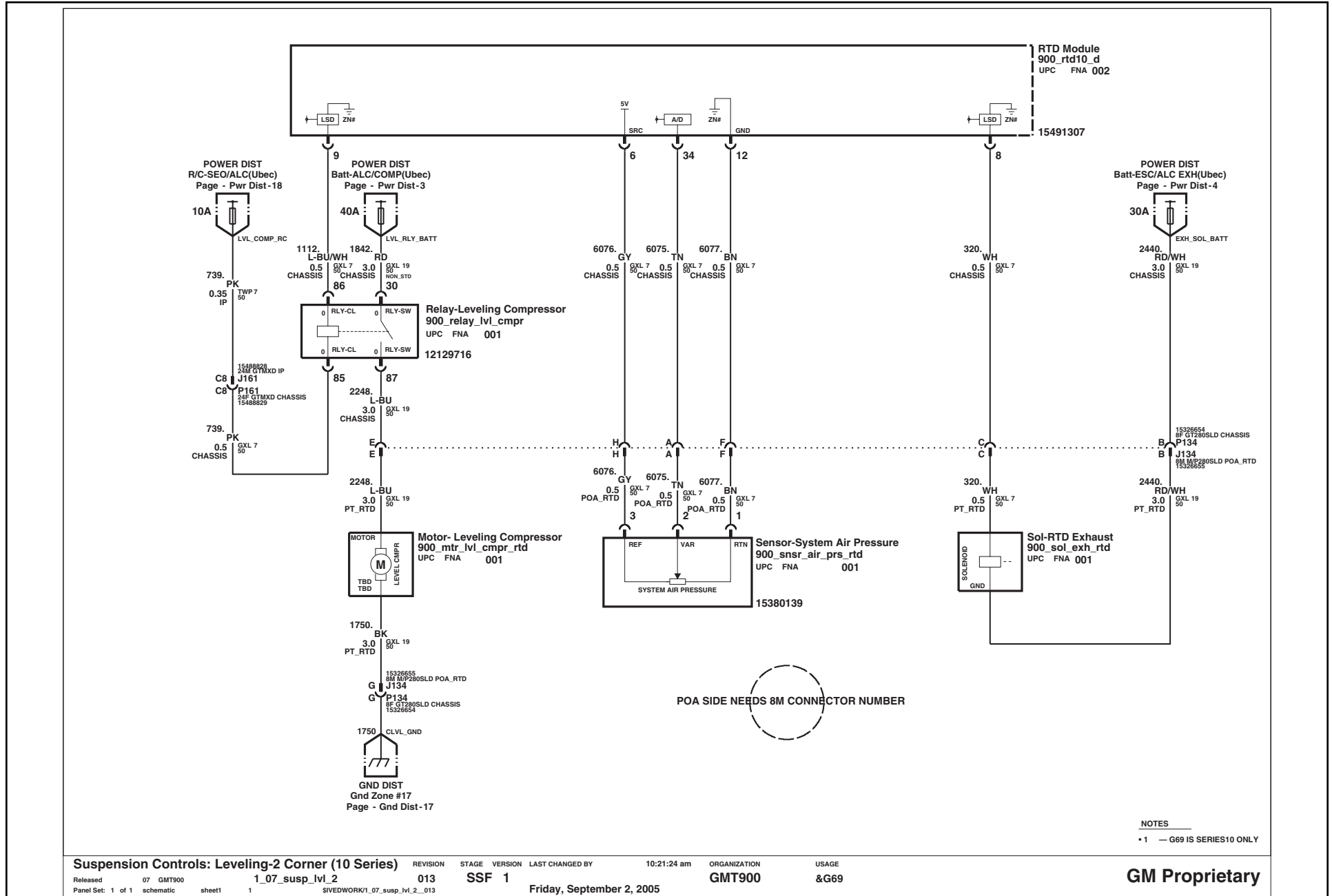
### Suspension Controls: Damping-Automatic

Released 07 GMT900 1\_07\_susp\_damp\_auto\_10 013 SSF 1 LAST CHANGED BY 12:55:48 pm ORGANIZATION GMT900 USAGE &Z55

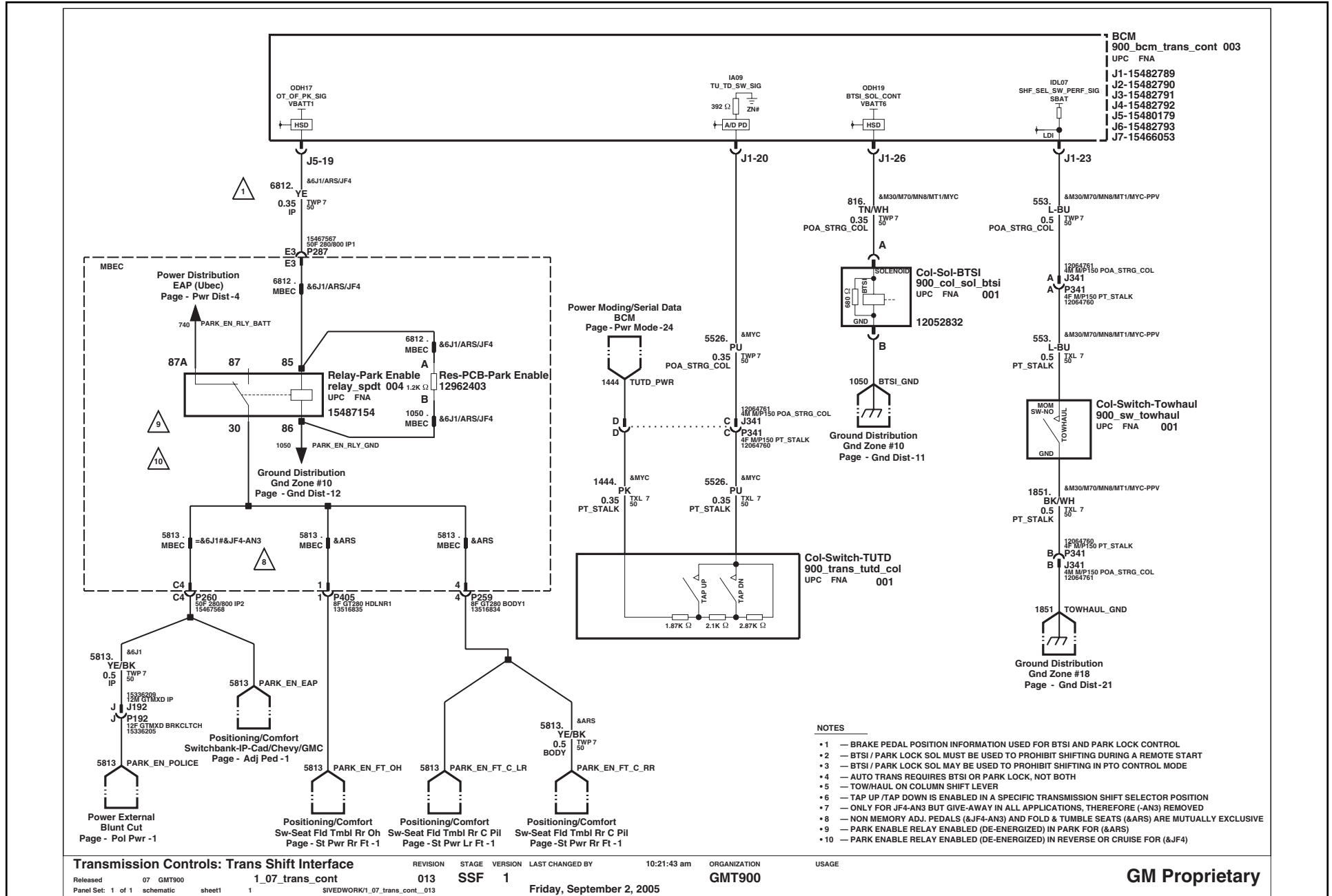
GM Proprietary



## Suspension Controls: Leveling Two Corner (10 Series)



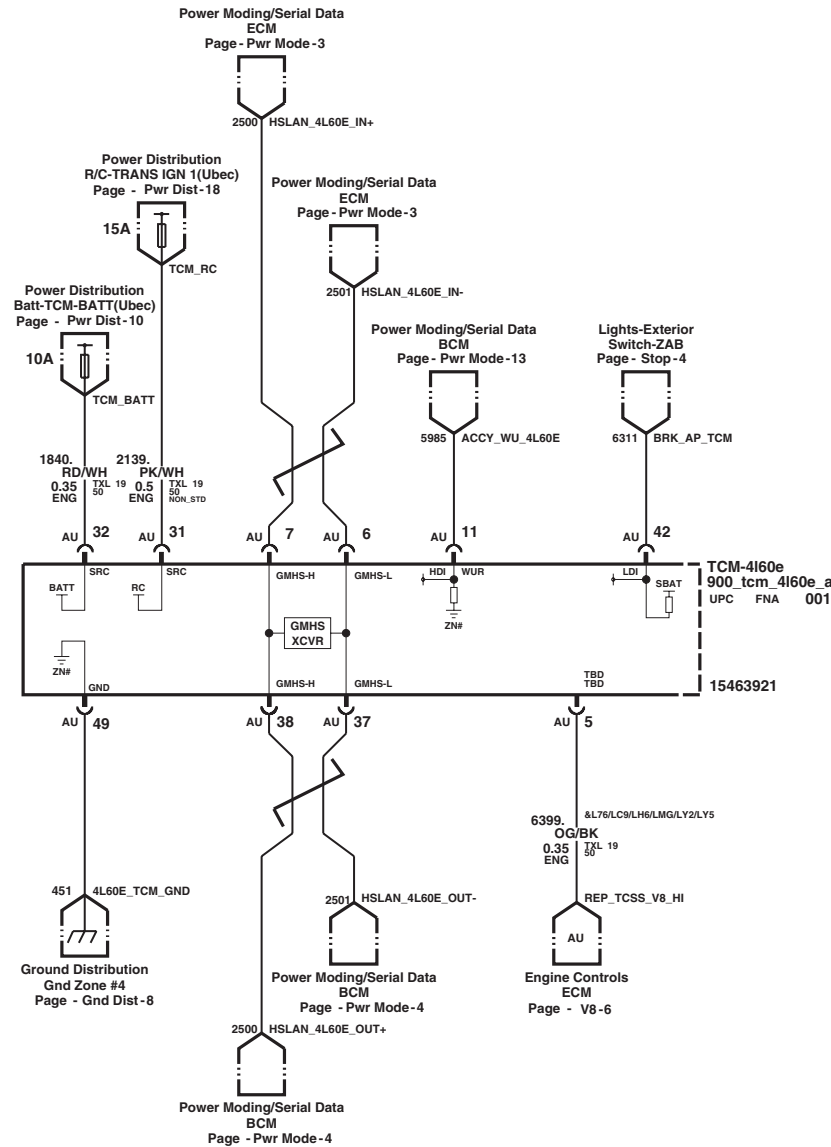
## Transmission Controls: Trans Shift Interface



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

PAGE **D-263**

## Transmission Controls: 4L60E/4L65E



### Transmission Controls: 4L60e/4L70e

Released 07 GMT900 1\_07\_trans\_tcm\_4160e

REVISION 013 STAGE SSF VERSION 1

LAST CHANGED BY 1:06:10 pm

ORGANIZATION GMT900

USAGE &M30/M70

GM Proprietary

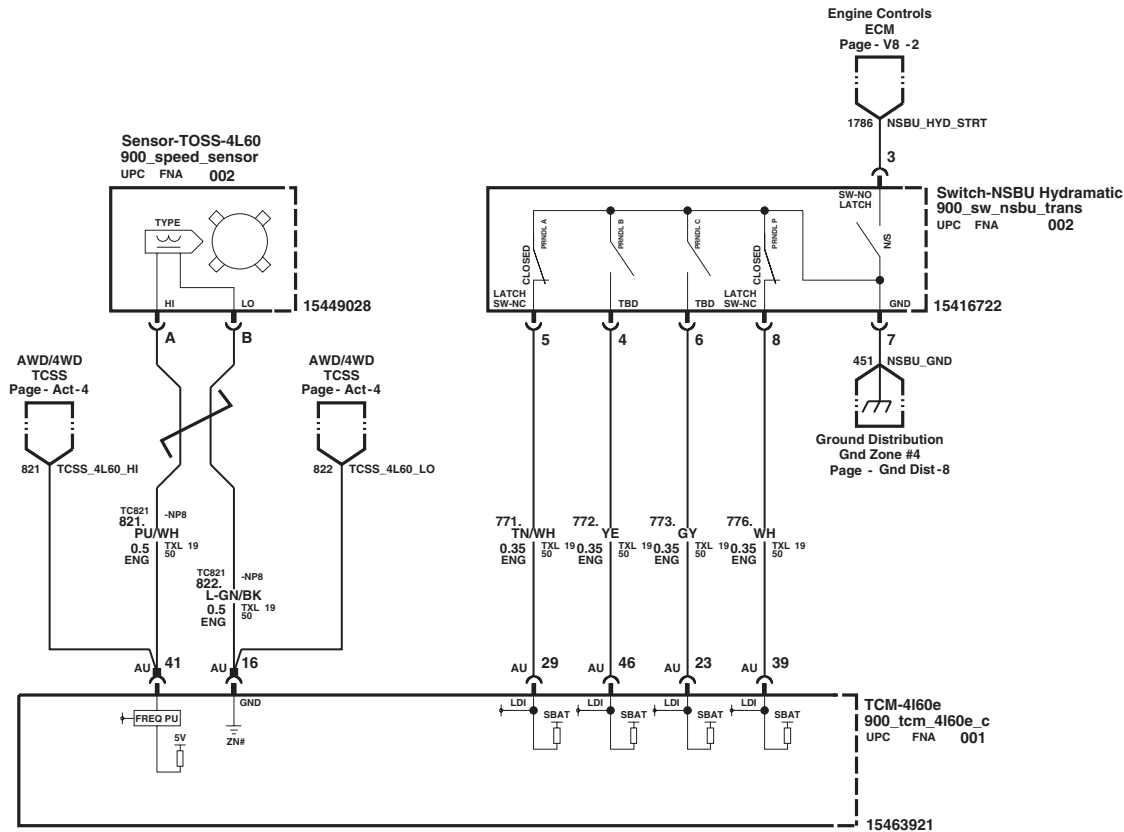
Panel Set: 1 of 3 schematic sheet1 4

SIVEDWORK/1\_07\_trans\_tcm\_4160e\_013

Thursday, September 29, 2005

Panel Set: 1

## Transmission Controls: 4L60E/4L65E



**Transmission Controls: 4L60e/4L70e**

Released 07 GMT900 1\_07\_trans\_tcm\_4160e  
 Panel Set: 2 of 3 schematic sheet1 4 SIVEDWORK/1\_07\_trans\_tcm\_4160e\_013

REVISION 013 STAGE SSF VERSION 1

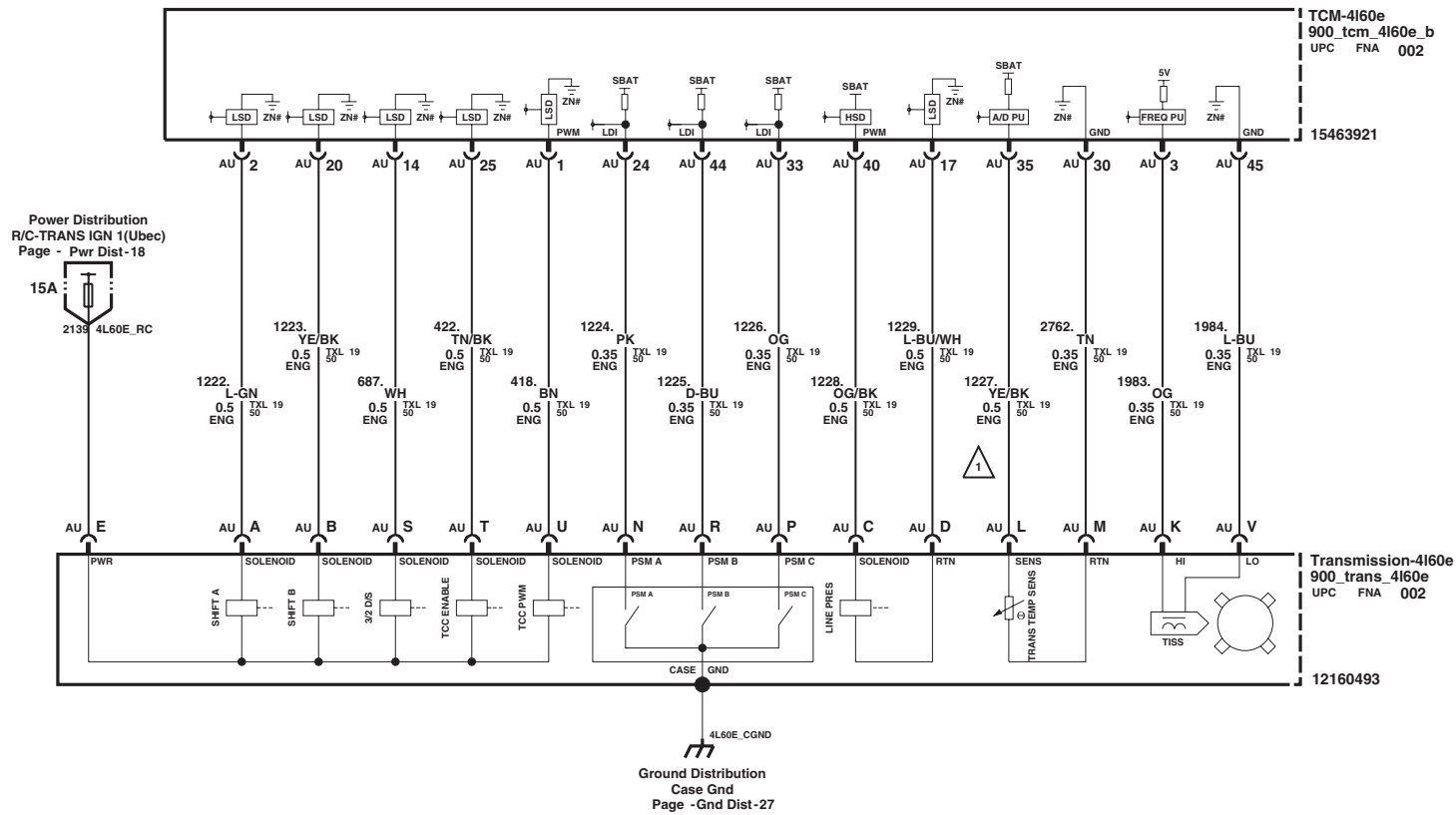
LAST CHANGED BY Thursday, September 29, 2005

1:06:10 pm ORGANIZATION GMT900 USAGE &M30/M70  
 Panel Set: 2

**GM Proprietary**

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Transmission Controls: 4L60E/4L65E



**NOTES**

- 1 — CIRCUIT 1227 UPSIZED BY PSDS, TO COMMONIZE CUT LEAD PROCESSING WITH CIRCUIT 1223

**Transmission Controls: 4L60e/4L70e**

Released 07 GMT900 1\_07\_trans\_tcm\_4I60e  
Panel Set: 3 of 3 schematic sheet1 4

REVISION 013 STAGE SSF VERSION 1  
SIVEDWORK/1\_07\_trans\_tcm\_4I60e\_013

LAST CHANGED BY Thursday, September 29, 2005 1:06:10 pm

ORGANIZATION GMT900  
Panel Set: 3

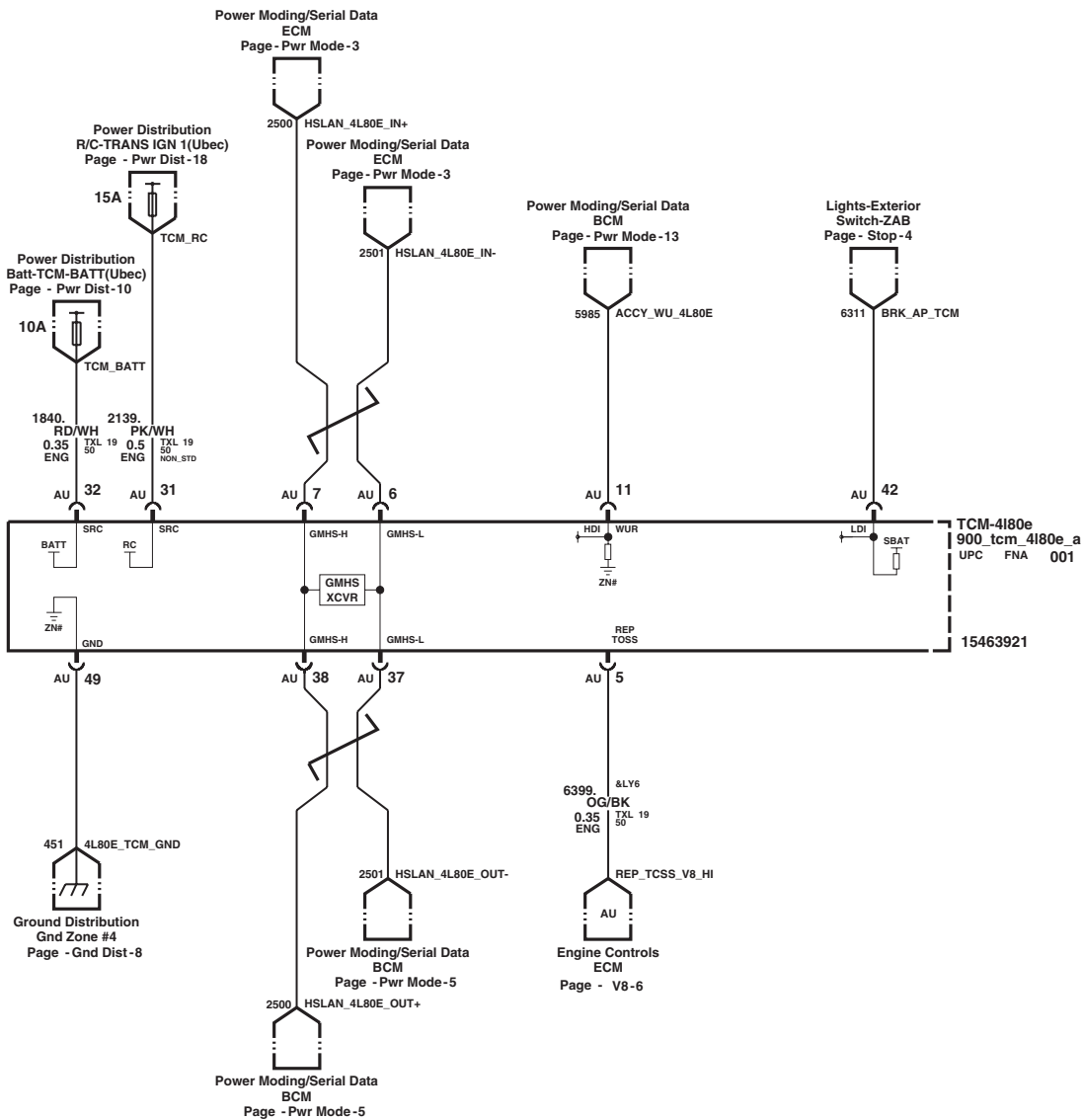
USAGE &M30/M70

**GM Proprietary**

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

PAGE **D-266**

## Transmission Controls: 4L80E/4L80E-HD



### Transmission Controls: 4L80e/4L80e-HD

Released 07 GMT900 1\_07\_trans\_tcm\_4180e  
Panel Set: 1 of 3 schematic sheet1 3 SIVEDWORK/1\_07\_trans\_tcm\_4180e\_013

REVISION 013 STAGE SSF VERSION 1 LAST CHANGED BY Friday, September 2, 2005

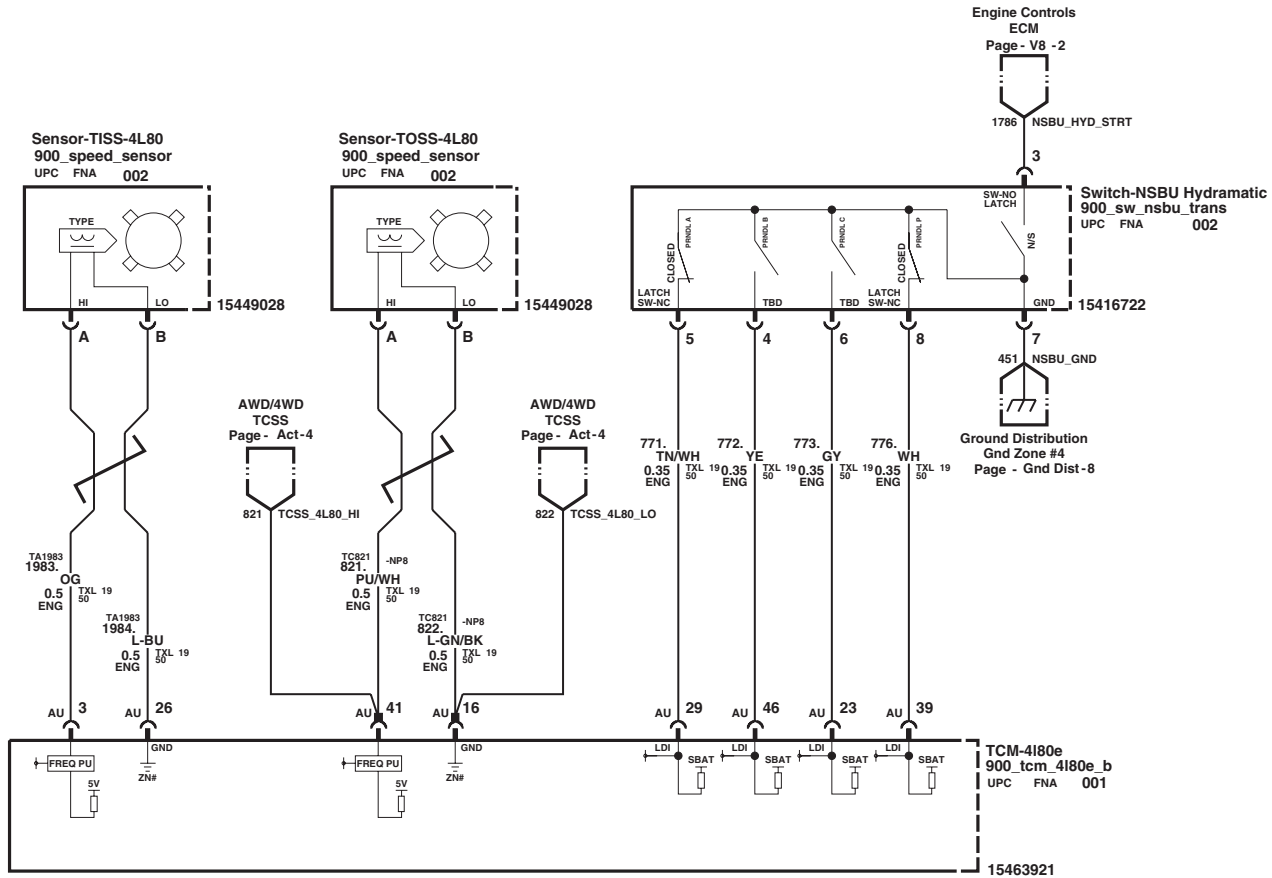
12:13:39 pm ORGANIZATION GMT900 Panel Set: 1

USAGE &MN8/MT1

GM Proprietary

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Transmission Controls: 4L80E/4L80E-HD



**Transmission Controls: 4L80e/4L80e-HD**

Released 07 GMT900 1\_07\_trans\_tcm\_4180e 013 SSF 1  
 Panel Set: 2 of 3 schematic sheet1 3 SIVEDWORK/1\_07\_trans\_tcm\_4180e\_013

REVISION STAGE VERSION LAST CHANGED BY  
 013 SSF 1 Friday, September 2, 2005

12:13:39 pm

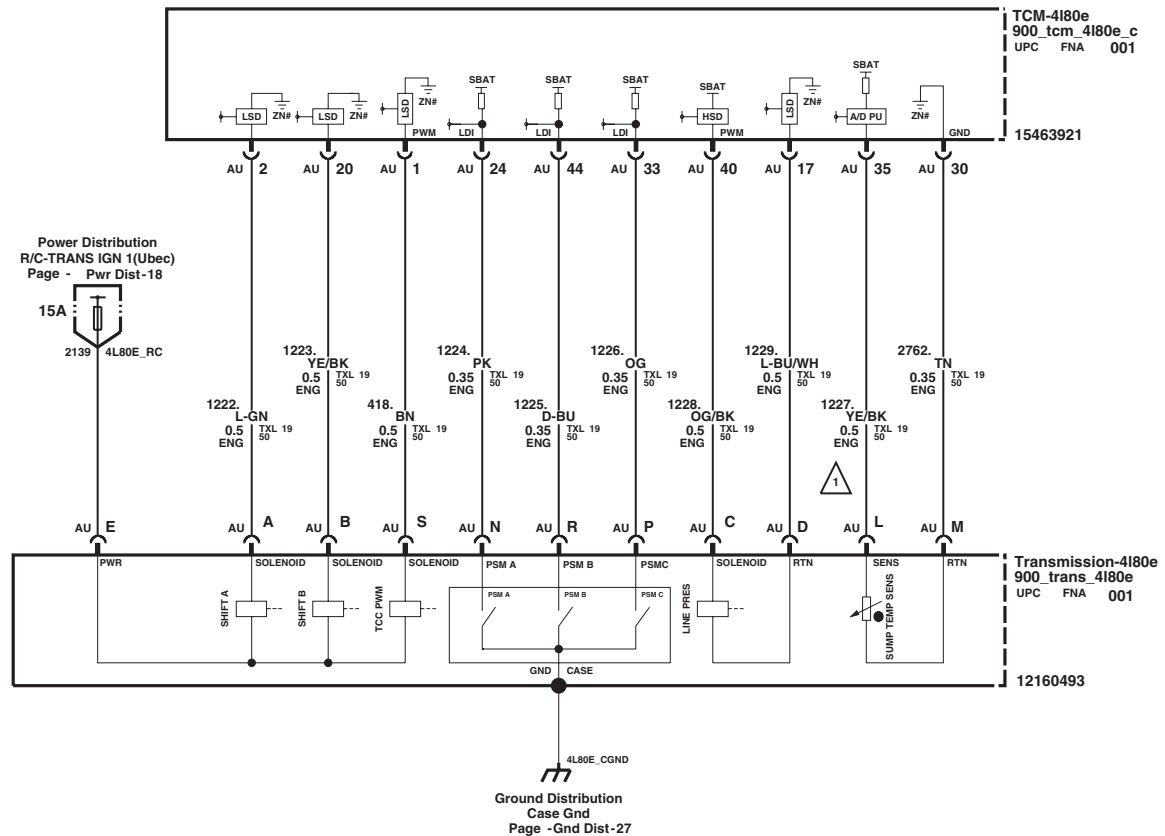
ORGANIZATION  
**GMT900**  
 Panel Set: 2

USAGE  
 &MN8/MT1

**GM Proprietary**

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Transmission Controls: 4L80E/4L80E-HD



TCM-4180e  
900\_tcm\_4180e\_c  
UPC FNA 001

15463921

Power Distribution  
R/C-TRANS IGN 1(Ubec)  
Page - Pwr Dist-18



Transmission-4180e  
900\_trans\_4180e  
UPC FNA 001

12160493

Ground Distribution  
Case Gnd  
Page -Gnd Dist-27

**NOTES**

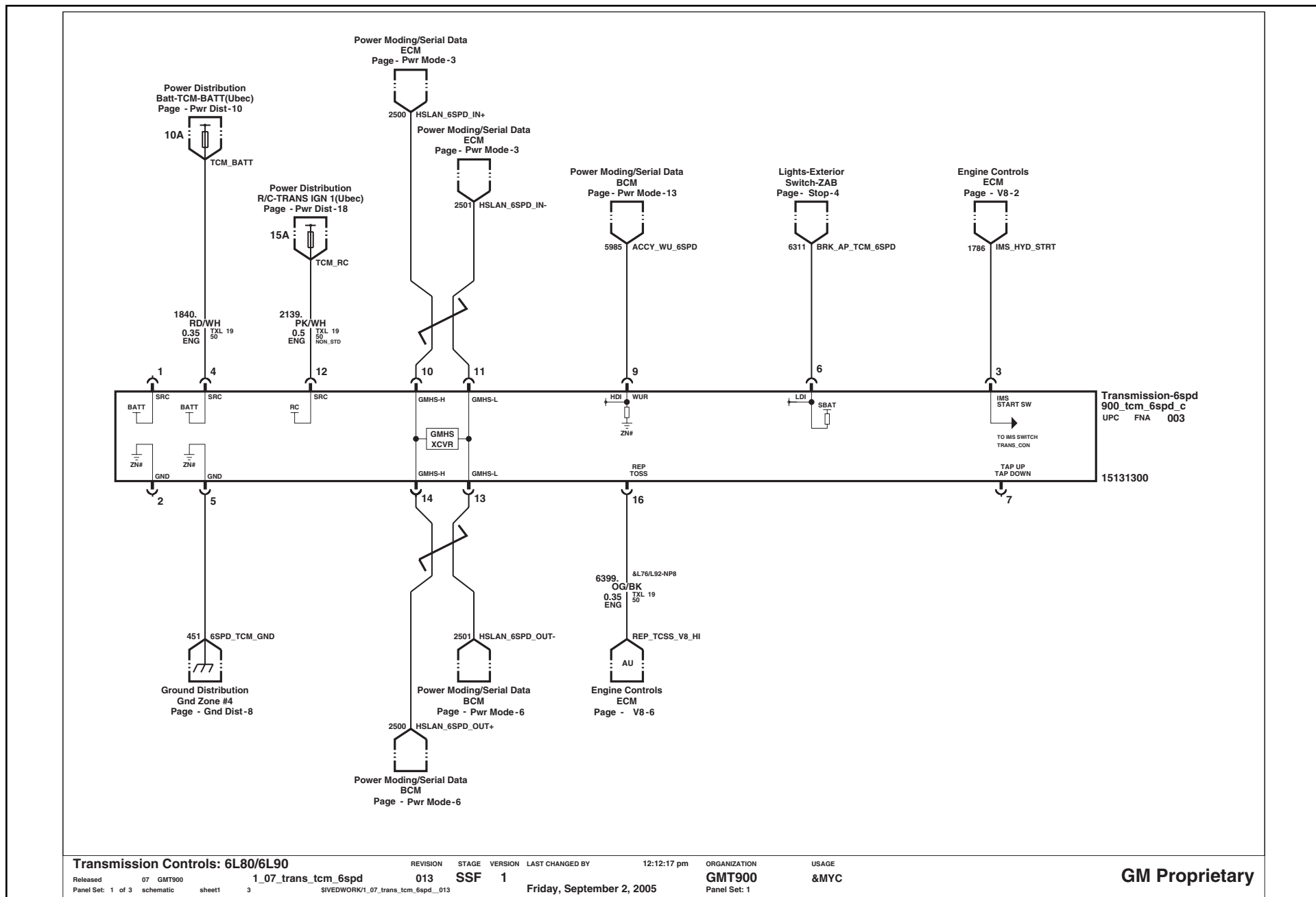
- 1 — CIRCUIT 1227 UPSIZED BY PSDS, TO COMMONIZE CUT LEAD PROCESSING WITH CIRCUIT 1223



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

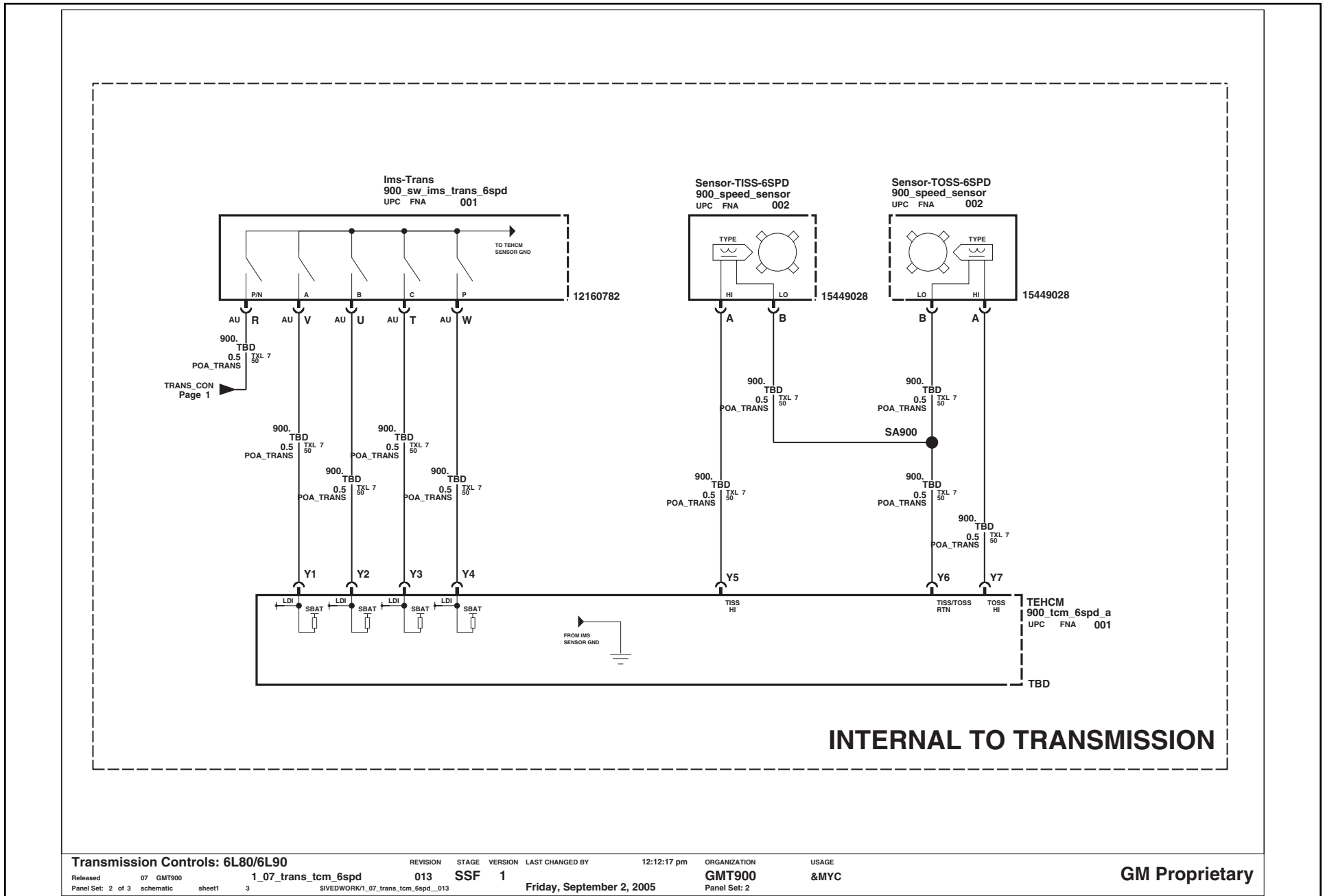
PAGE D-269

## Transmission Controls: 6L80/6L90



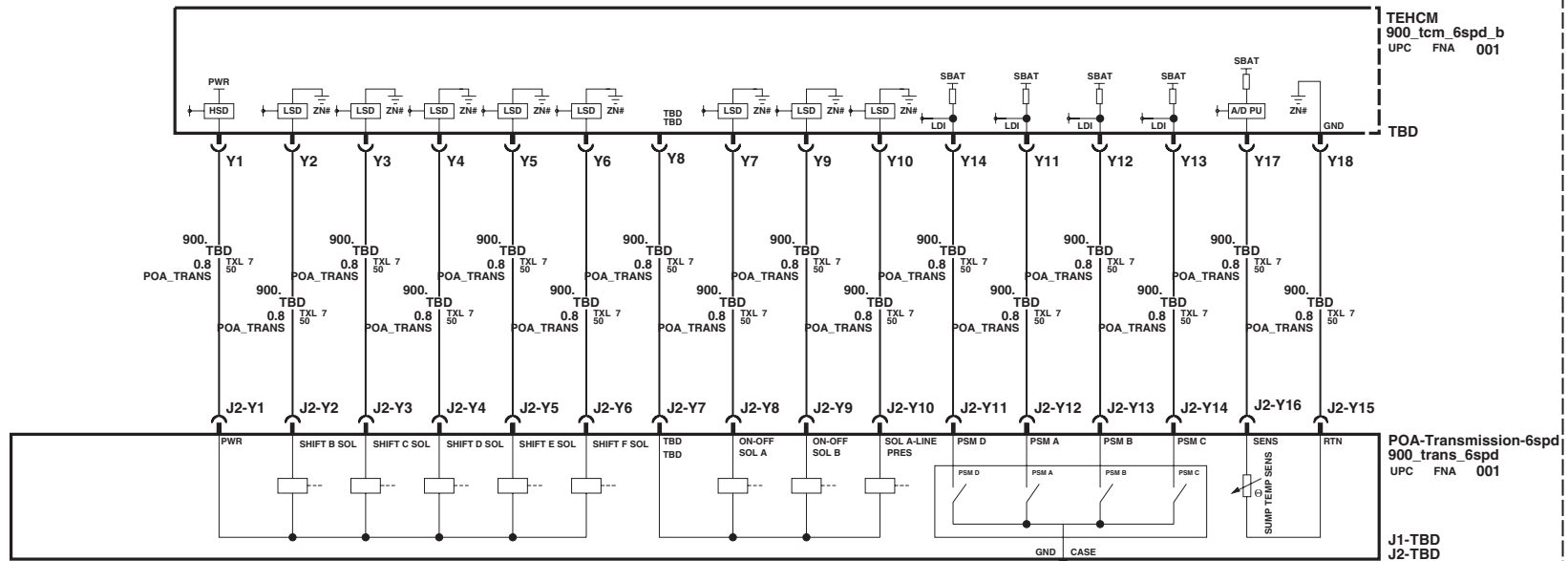
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Transmission Controls: 6L80/6L90



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Transmission Controls: 6L80/6L90



TEHCM  
900\_tcm\_6spd\_b  
UPC FNA 001

POA-Transmission-6spd  
900\_trans\_6spd  
UPC FNA 001

Ground Distribution  
Case Gnd  
Page -Gnd Dist-27

**INTERNAL TO TRANSMISSION**

**Transmission Controls: 6L80/6L90**

Released 07 GMT900 1\_07\_trans\_tcm\_6spd  
Panel Set: 3 of 3 schematic sheet1 3

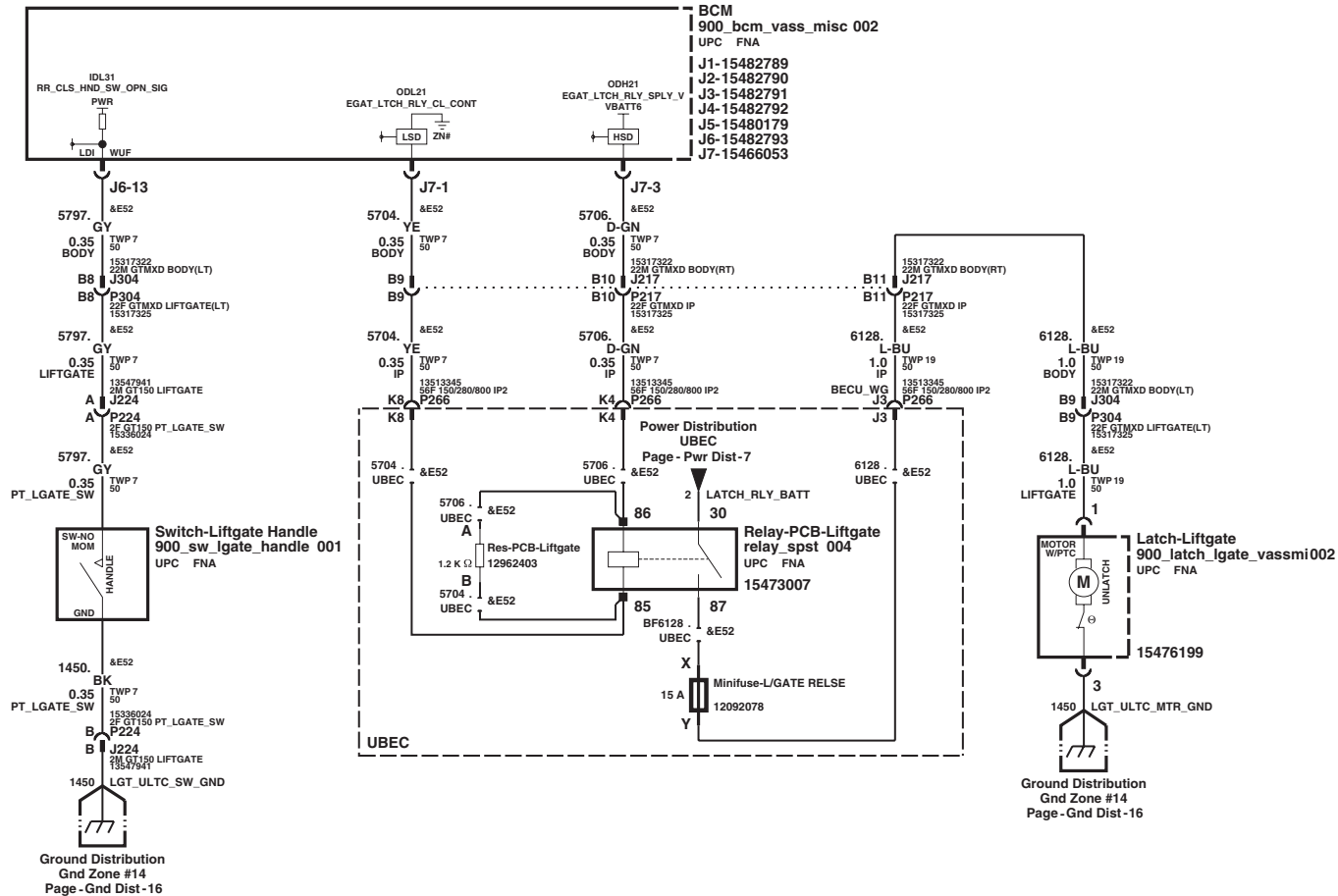
REVISION 013 STAGE SSF 1  
SIVEDWORK/1\_07\_trans\_tcm\_6spd\_013  
Friday, September 2, 2005

12:12:17 pm  
ORGANIZATION GMT900  
Panel Set: 3

USAGE &MYC

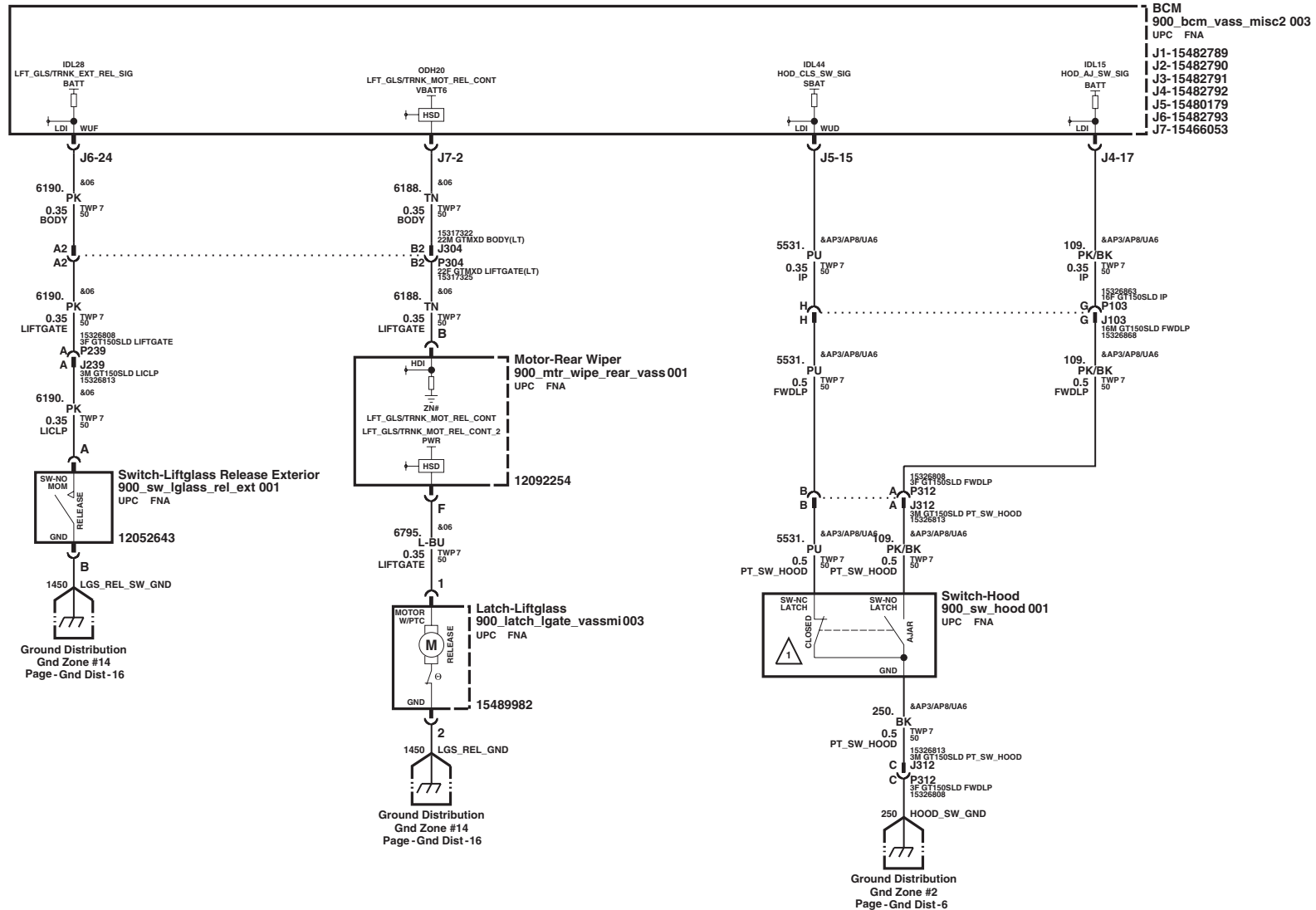
**GM Proprietary**

## VASS: Miscellaneous



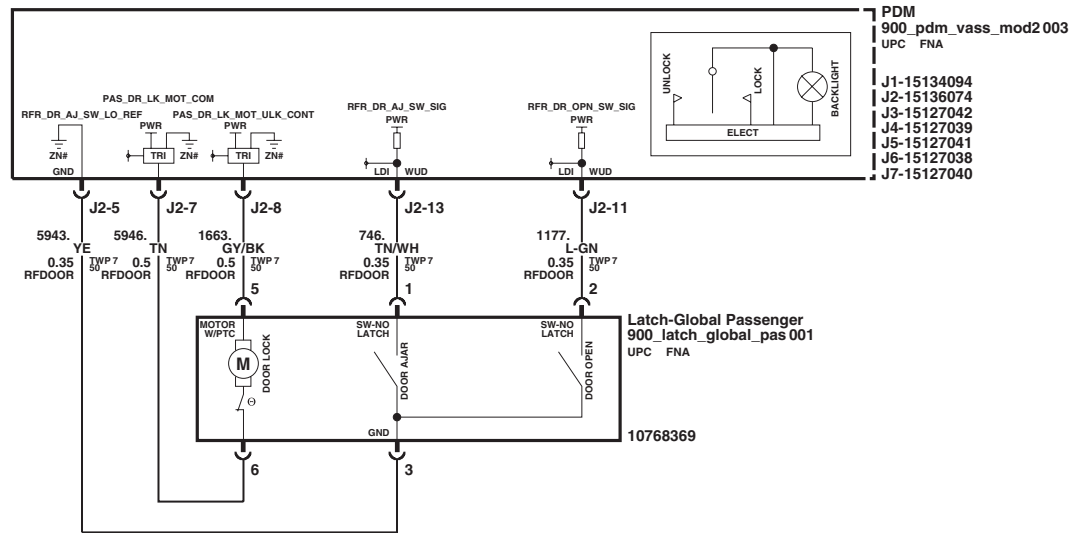
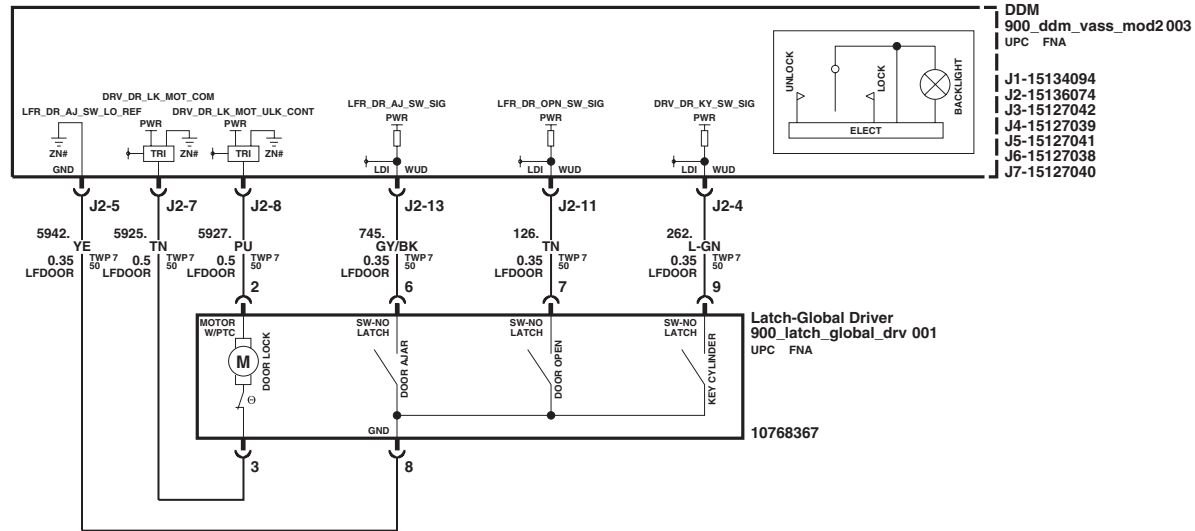
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## VASS: Miscellaneous



NOTES  
 \* 1 — SHOWN IN HOOD CLOSED POSITION.

## VASS: Two Door Modules



VASS: 2 Door Modules

Released 07 GMT900  
Panel Set: 1 of 5 schematic sheet1

OBJECT ID  
1\_07\_vass\_mod2  
SIVEDWORK/1\_07\_vass\_mod2\_013

REVISION  
013

STAGE VERSION  
SSF 1

LAST CHANGED BY  
Friday, January 20, 2006

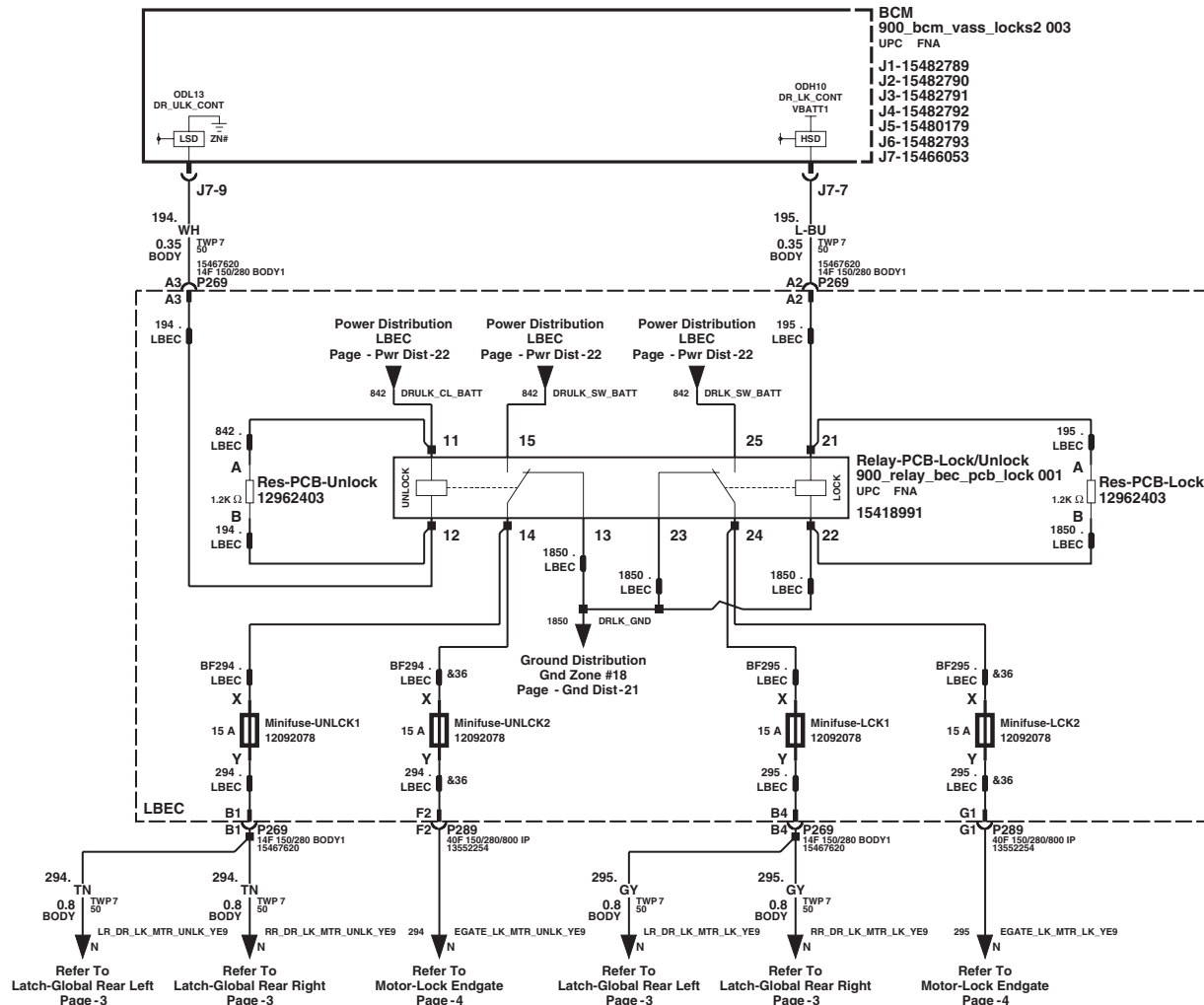
6:27:14 am

ORGANIZATION  
GMT900

USAGE

GM Proprietary

## VASS: Two Door Modules



VASS: 2 Door Modules

Released 07 GMT900  
Panel Set: 2 of 5 schematic sheet1

OBJECT ID  
1\_07\_vass\_mod2  
4

REVISION  
013

STAGE VERSION  
SSF 1

LAST CHANGED BY  
Friday, January 20, 2006

6:27:14 am

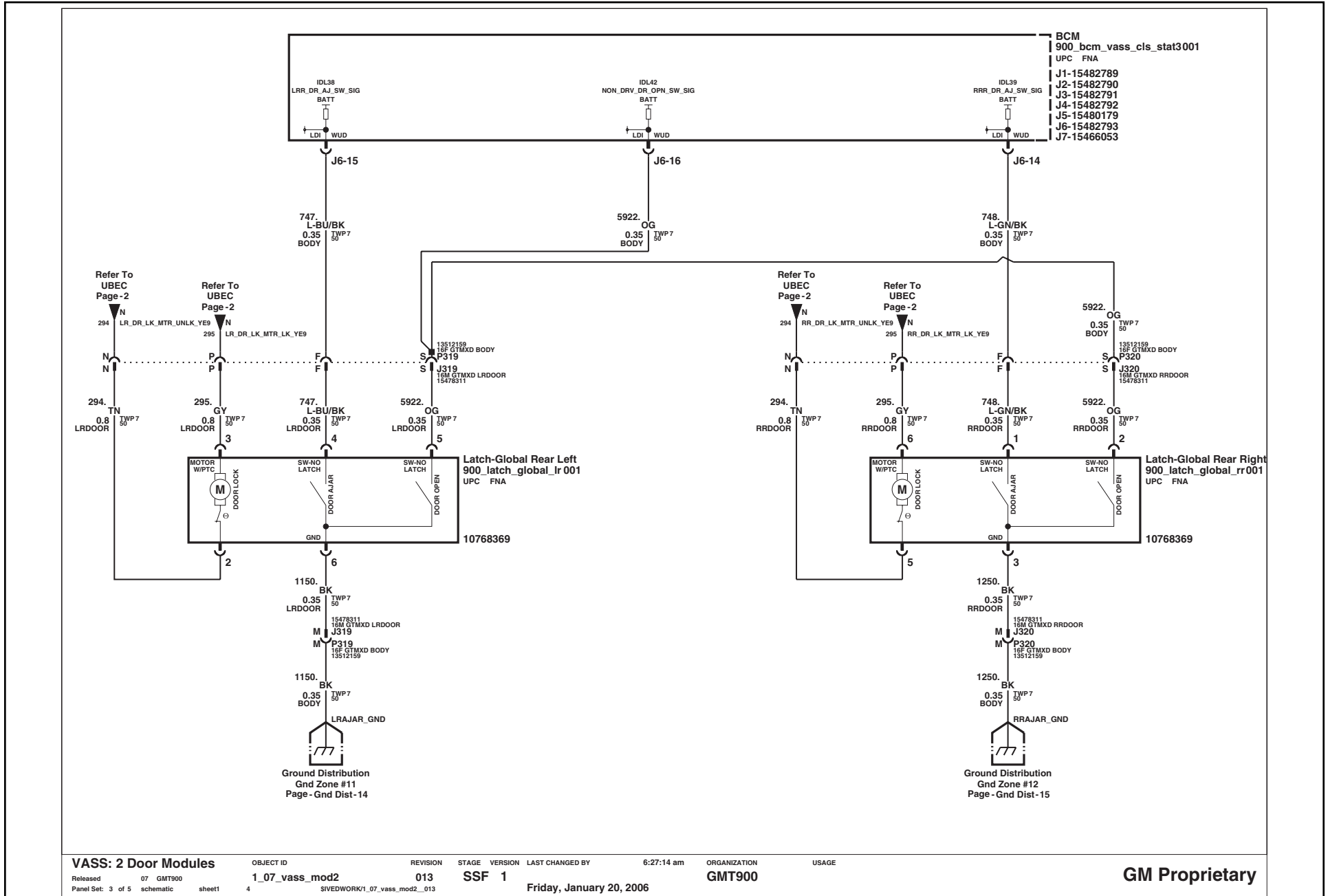
ORGANIZATION  
GMT900

USAGE

GM Proprietary

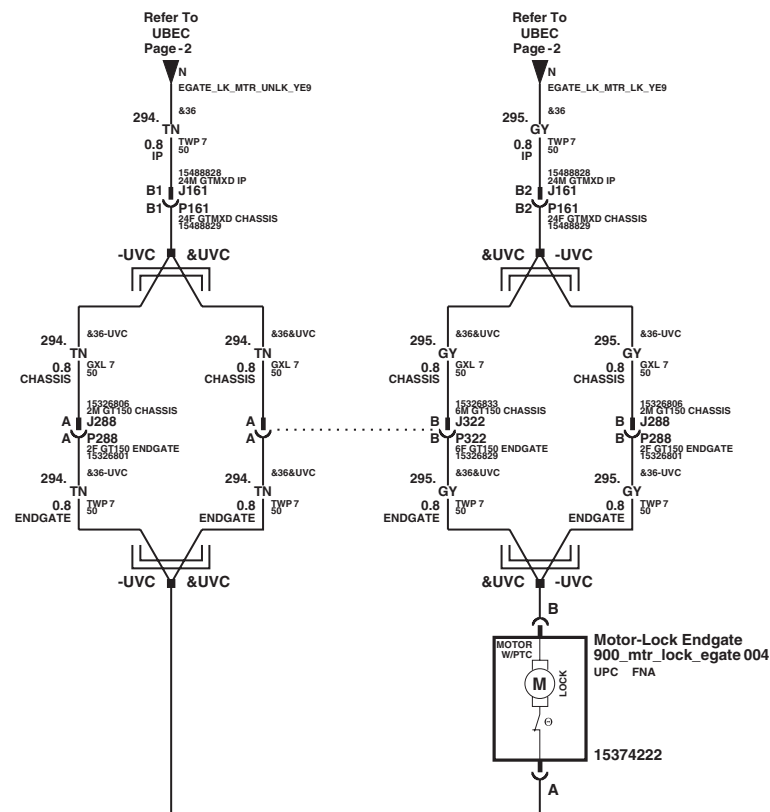
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## VASS: Two Door Modules



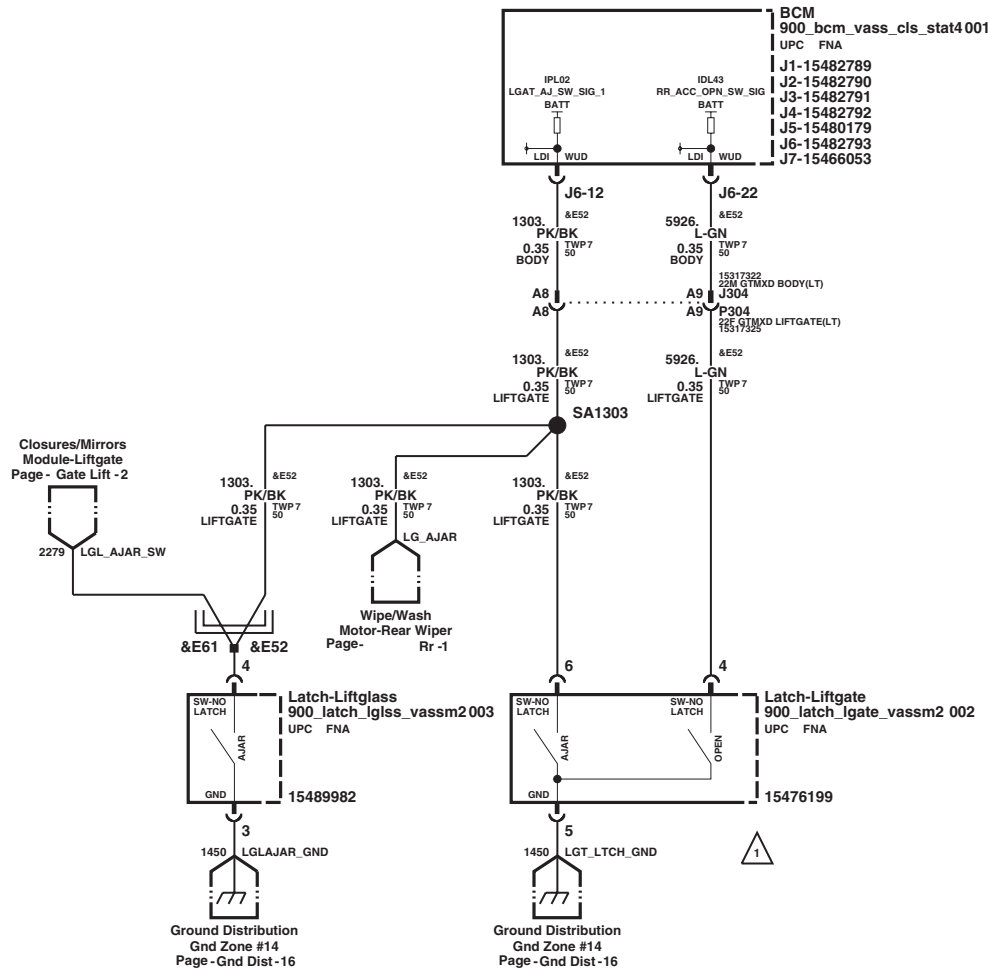


## VASS: Two Door Modules



# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## VASS: Two Door Modules



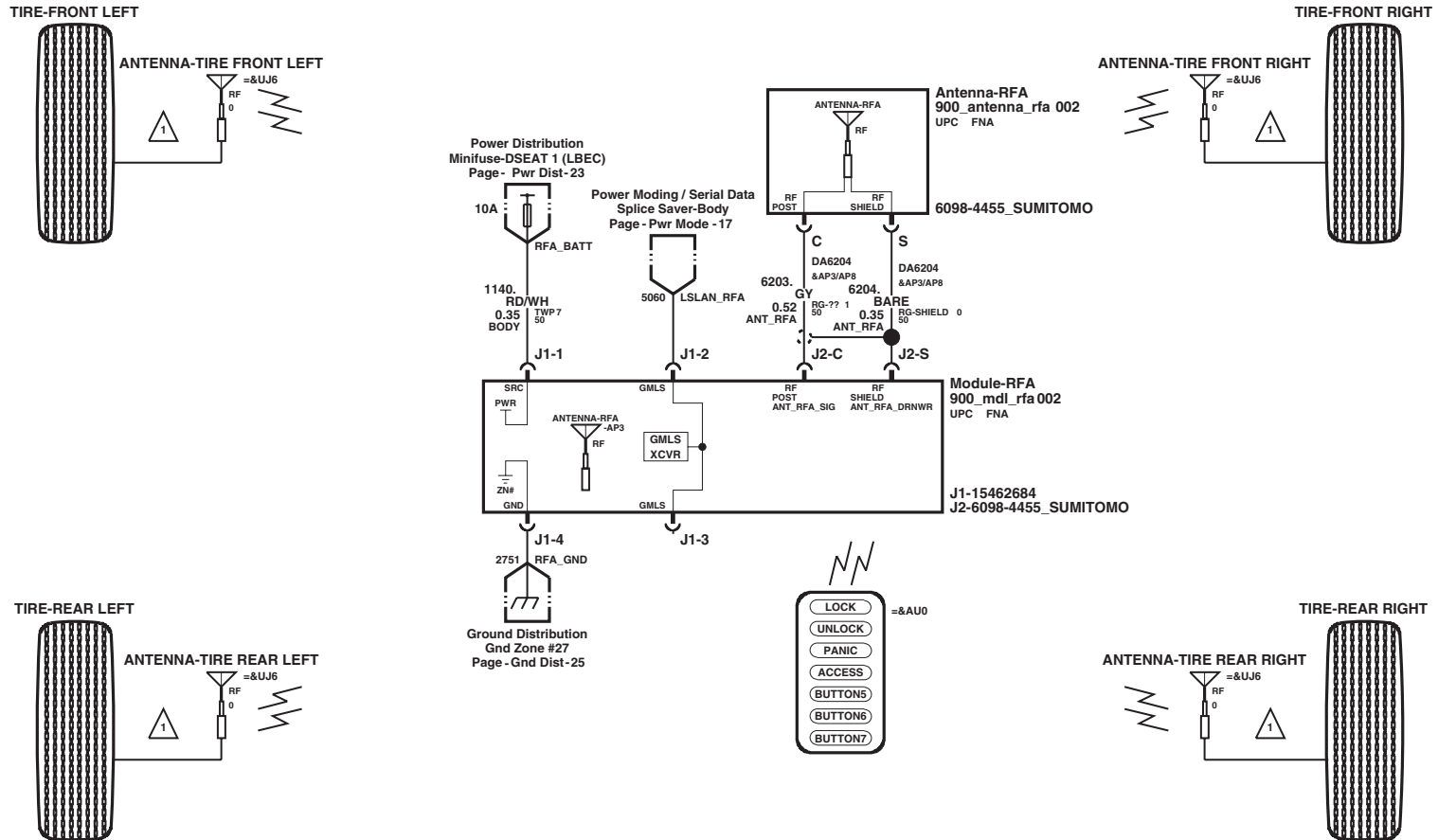
**NOTES**

• 1 — SWITCHES SHOWN WITH LIFTGATE / GLASS CLOSED.

VASS: 2 Door Modules		OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	6:27:14 am	ORGANIZATION	USAGE
Released	07 GMT900	1_07_vass_mod2	013	SSF	1			GMT900	
Panel Set:	5 of 5 schematic sheet1	4	SIVEDWORK/1_07_vass_mod2_013			Friday, January 20, 2006			

**GM Proprietary**

## VASS: Remote Function Actuator – Tire Pressure Monitor



- NOTES**
- 1 — TIRE ANTENNAS SHOWN FOR FUNCTIONALITY. INTERNAL TO VALVE STEM.
  - 2 — SPARES & DUALIES NOT MONITORED.

**• TIRE PRESSURE MONITORING ON VEHICLES BELOW 10,000 GVWR FOR GMT900.**

VASS: Remote Function Actuator - Tire Pressure Monitor  
 Released 07 GMT900 1\_07\_vass\_rfa\_tire 013  
 Panel Set: 1 of 1 schematic sheet1 1 SIVEDWORK/1\_07\_vass\_rfa\_tire\_013

STAGE VERSION LAST CHANGED BY 1:13:53 pm  
 SSF 1

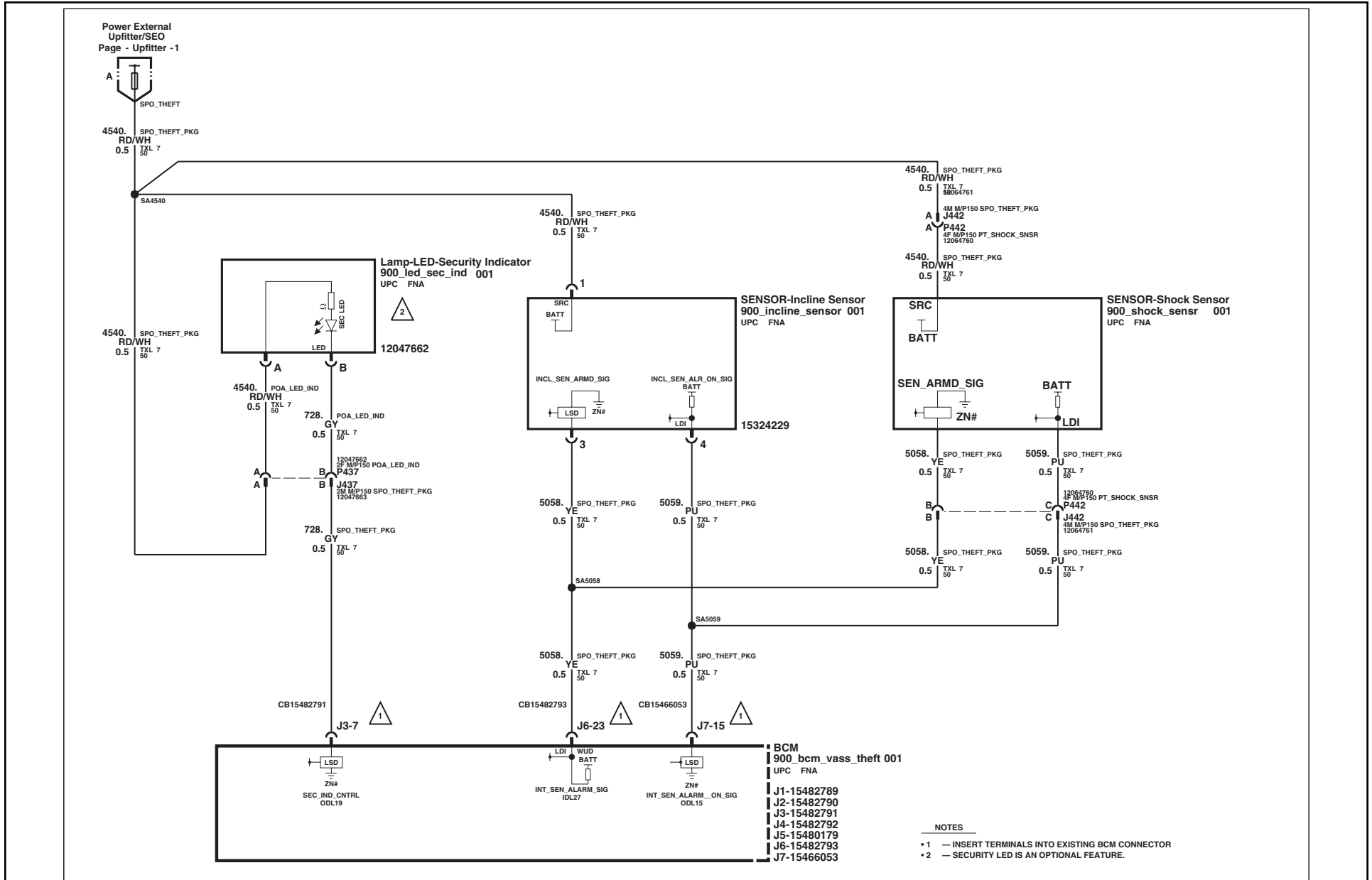
ORGANIZATION  
 GMT900

USAGE  
 &AU0/UJ6

**GM Proprietary**

Friday, September 2, 2005

## VASS: SPO Theft



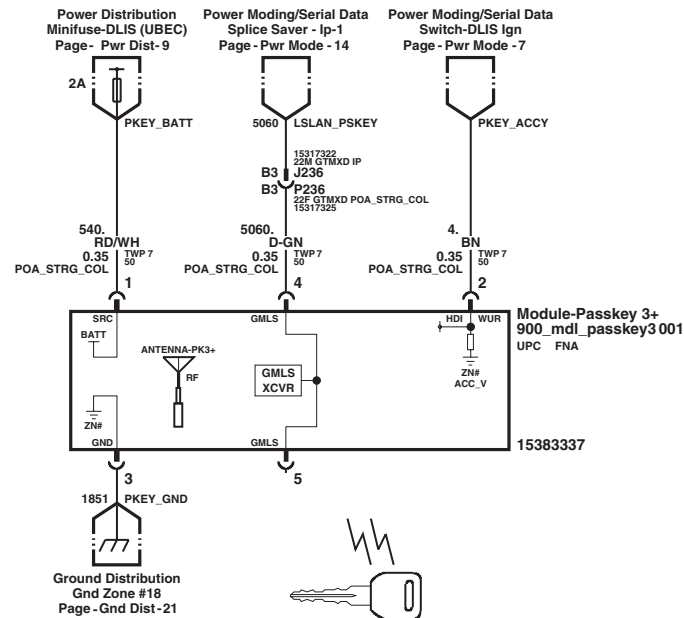
OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	1:14:02 pm	ORGANIZATION	USAGE
1_07_vass_spo_theft	013	SSF	1			GMT900	

VASS: SPO Theft  
Released 07 GMT900  
Panel Set: 1 of 1 schematic sheet 1  
SIVEDWORK/1\_07\_vass\_spo\_theft\_013  
Friday, September 2, 2005

GM Proprietary

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## VASS: Theft (Drive Away)



VASS: Theft (Drive Away)

OBJECT ID

1\_07\_vass\_theft\_drv

REVISION

013

STAGE VERSION

SSF 1

LAST CHANGED BY

Friday, September 2, 2005

1:14:12 pm

ORGANIZATION

GMT900

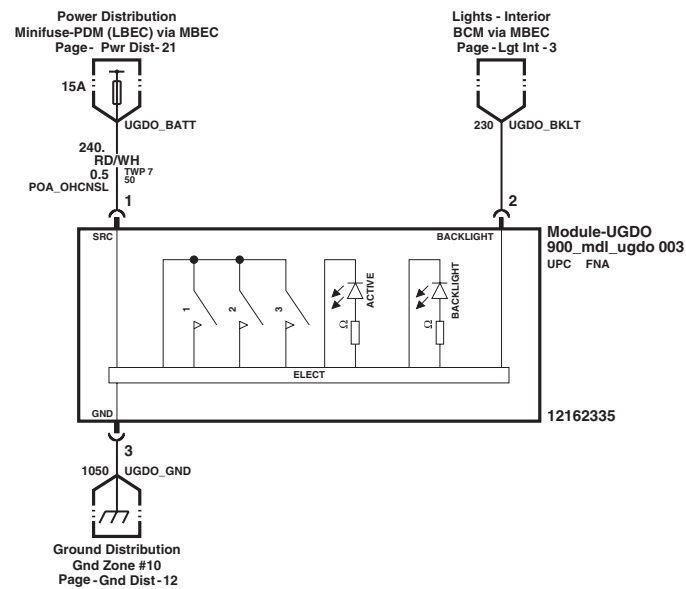
USAGE

GM Proprietary

Released 07 GMT900  
Panel Set: 1 of 1 schematic sheet1

SIVEDWORK/1\_07\_vass\_theft\_drv\_013

## VASS: Universal Garage Door Opener



VASS: Universal Garage Door Opener

Released 07 GMT900 1\_07\_vass\_ugdo  
Panel Set: 1 of 1 schematic sheet1 1 SIVEDWORK/1\_07\_vass\_ugdo\_013

REVISION 013

STAGE VERSION SSF 1

LAST CHANGED BY Friday, September 2, 2005

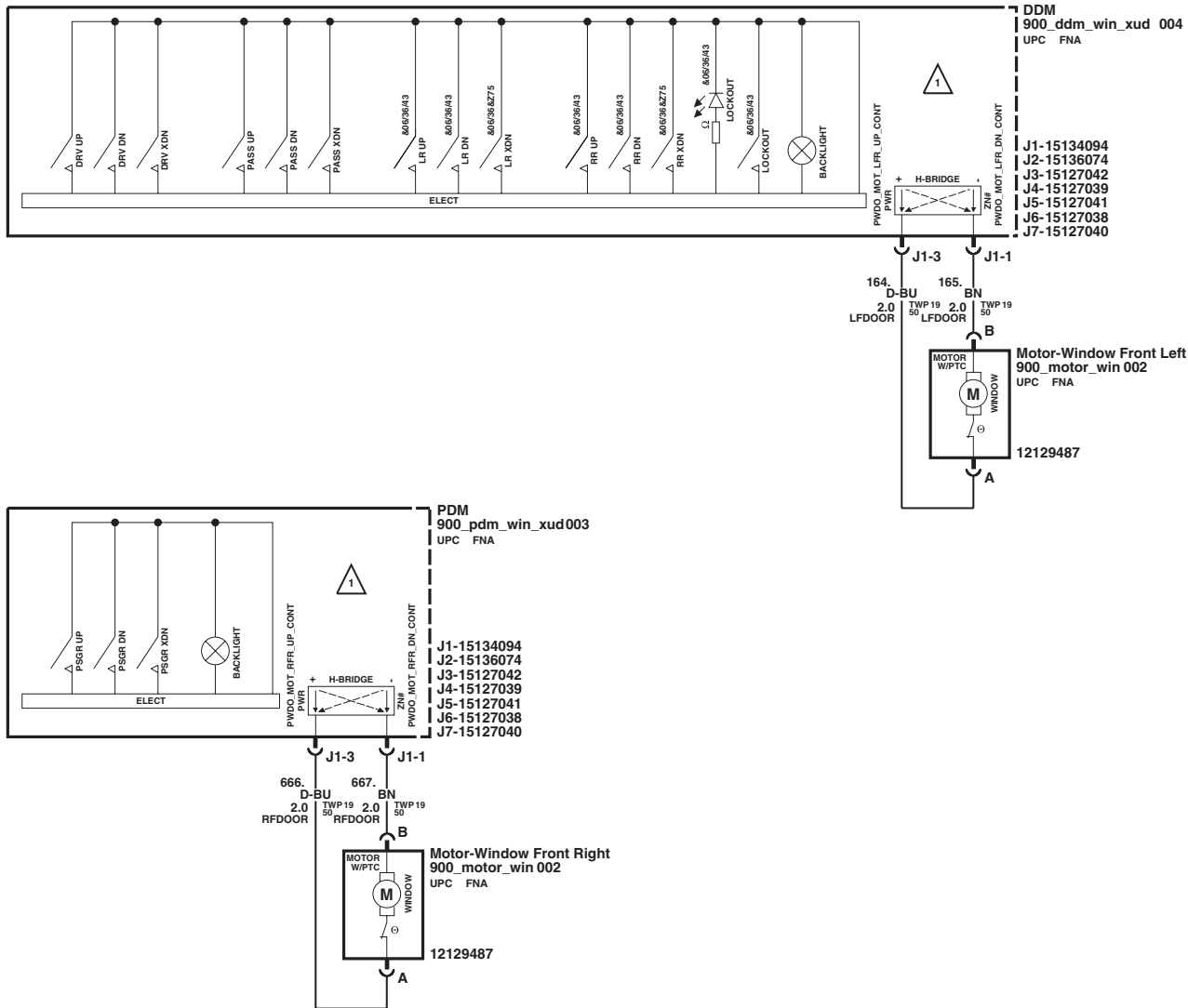
1:14:24 pm

ORGANIZATION GMT900

USAGE &UG1

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## Windows: Express Down, Two Door Modules



**NOTES**

\* 1 — EXPRESS BUTTONS ARE SECOND DETENT OF DIRECTION BUTTON.

**Windows: Express Down 2 Door Modules**

Released 07 GMT900 1\_07\_win\_mod2\_xud  
Panel Set: 1 of 2 schematic sheet1 6 SIVEDWORK/1\_07\_win\_mod2\_xud\_013

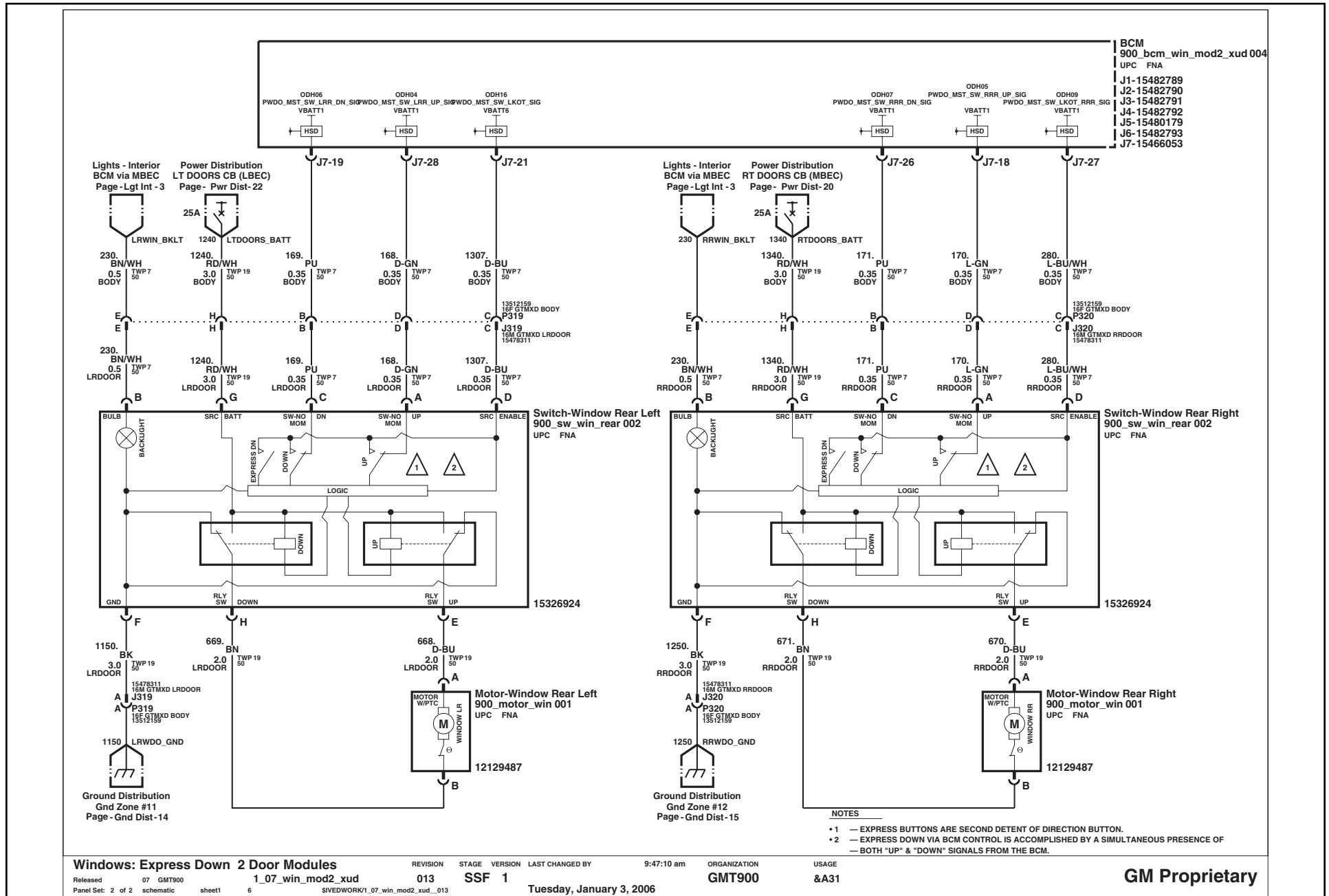
REVISION 013 STAGE SSF VERSION 1 LAST CHANGED BY 9:47:10 am ORGANIZATION GMT900 USAGE &A31

Tuesday, January 3, 2006

**GM Proprietary**

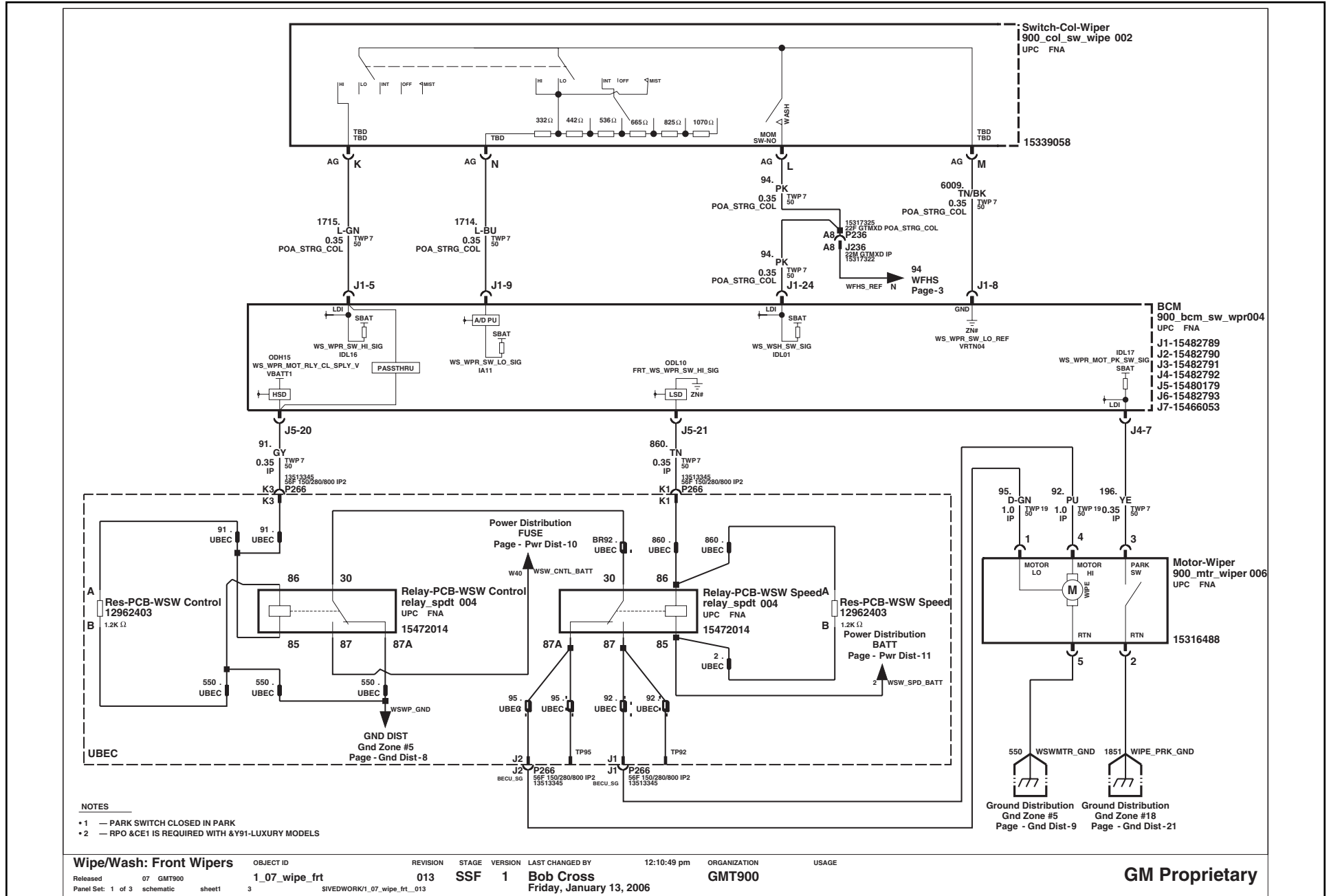
# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Windows: Express Down, Two Door Modules





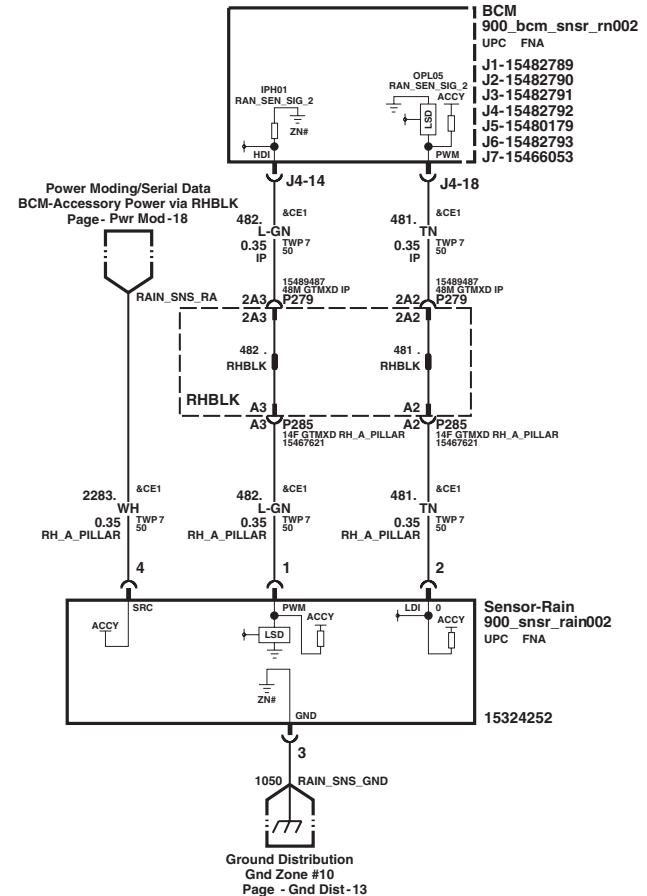
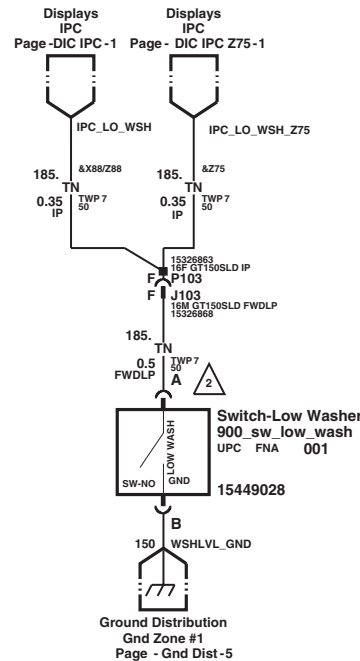
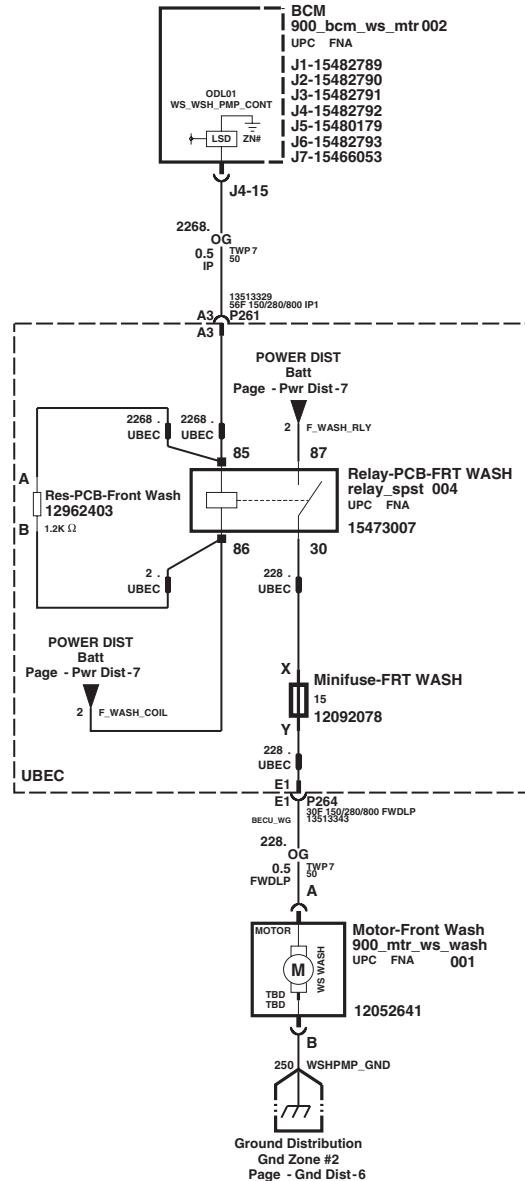
## Wipe/Wash: Front Wipers



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# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Wipe/Wash: Front Wipers



- NOTES
- 1 — RAIN SENSE STANDARD ON CADILLAC & DENALI, OPTIONAL ON OTHERS.
  - 2 — THE SWITCH IS CLOSED WHEN THE FLUID IS LOW

Wipe/Wash: Front Wipers

OBJECT ID  
1\_07\_wipe\_frt

REVISION  
013

STAGE  
SSF

VERSION  
1

LAST CHANGED BY

12:10:49 pm

ORGANIZATION  
GMT900

USAGE

Released 07 GMT900  
Panel Set: 2 of 3 schematic sheet1

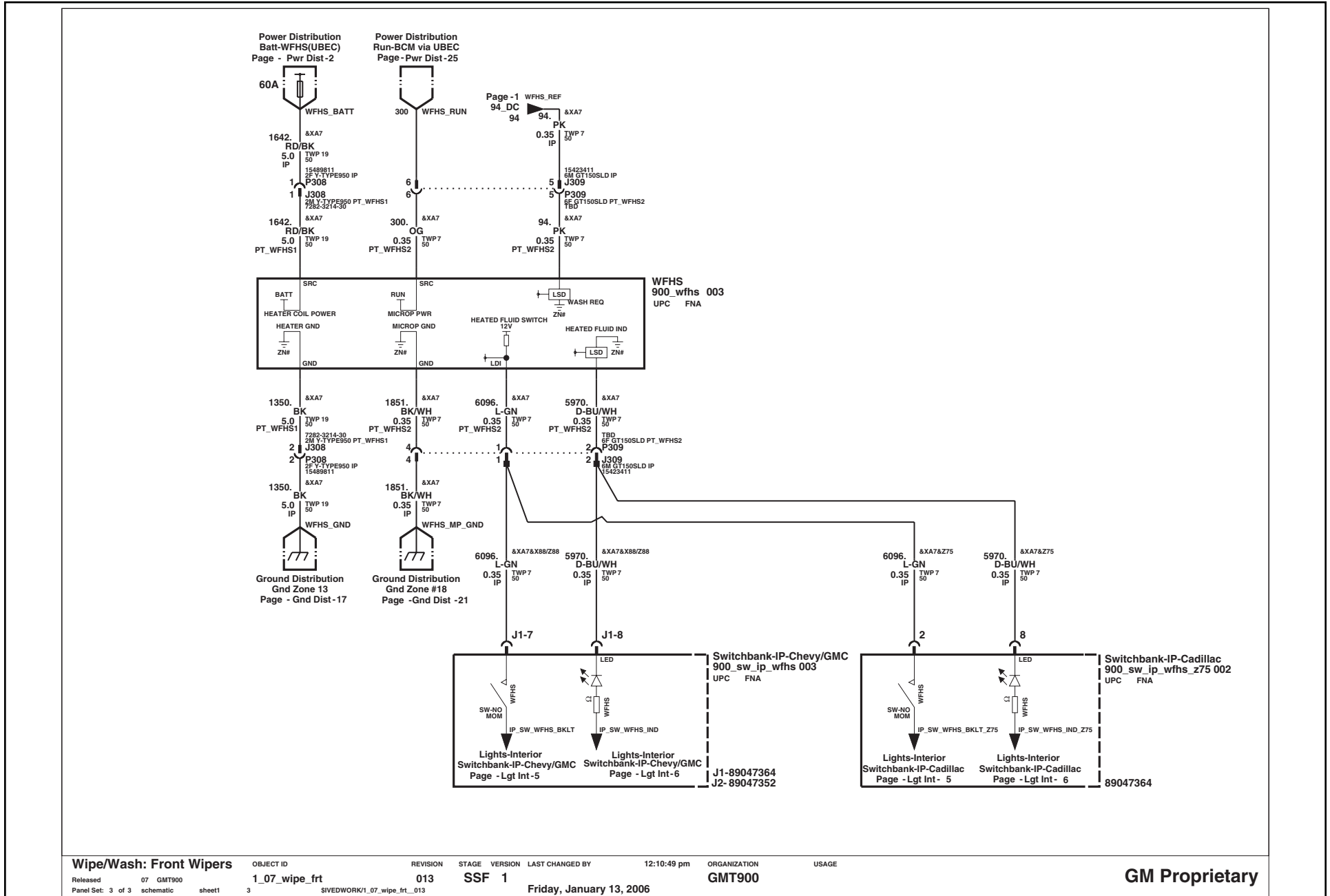
3  
SIVEDWORK/1\_07\_wipe\_frt\_013

Friday, January 13, 2006

GM Proprietary

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Wipe/Wash: Front Wipers



Wipe/Wash: Front Wipers

OBJECT ID  
1\_07\_wipe\_frt

REVISION  
013

STAGE VERSION  
SSF 1

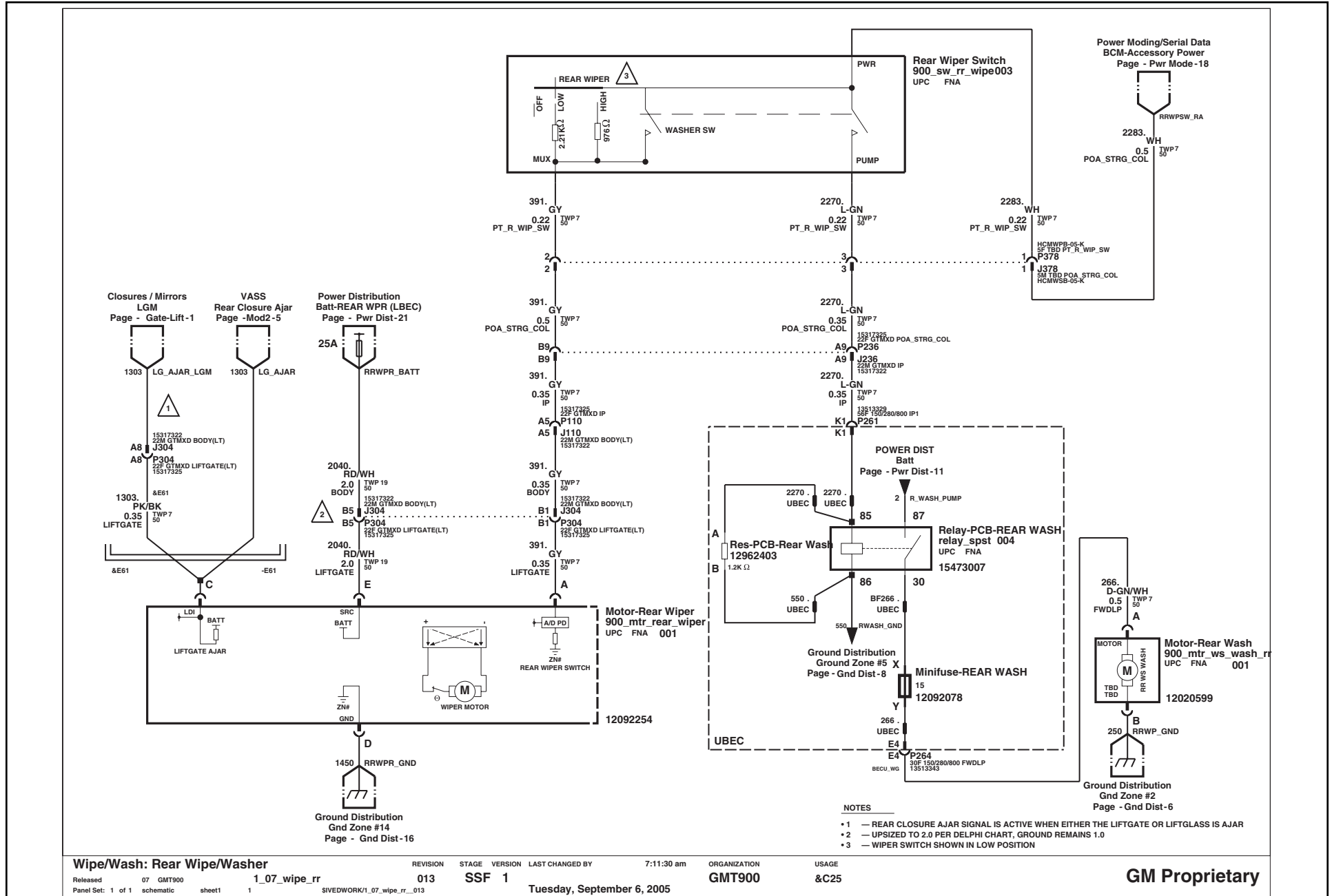
LAST CHANGED BY  
Friday, January 13, 2006

12:10:49 pm  
ORGANIZATION  
GMT900

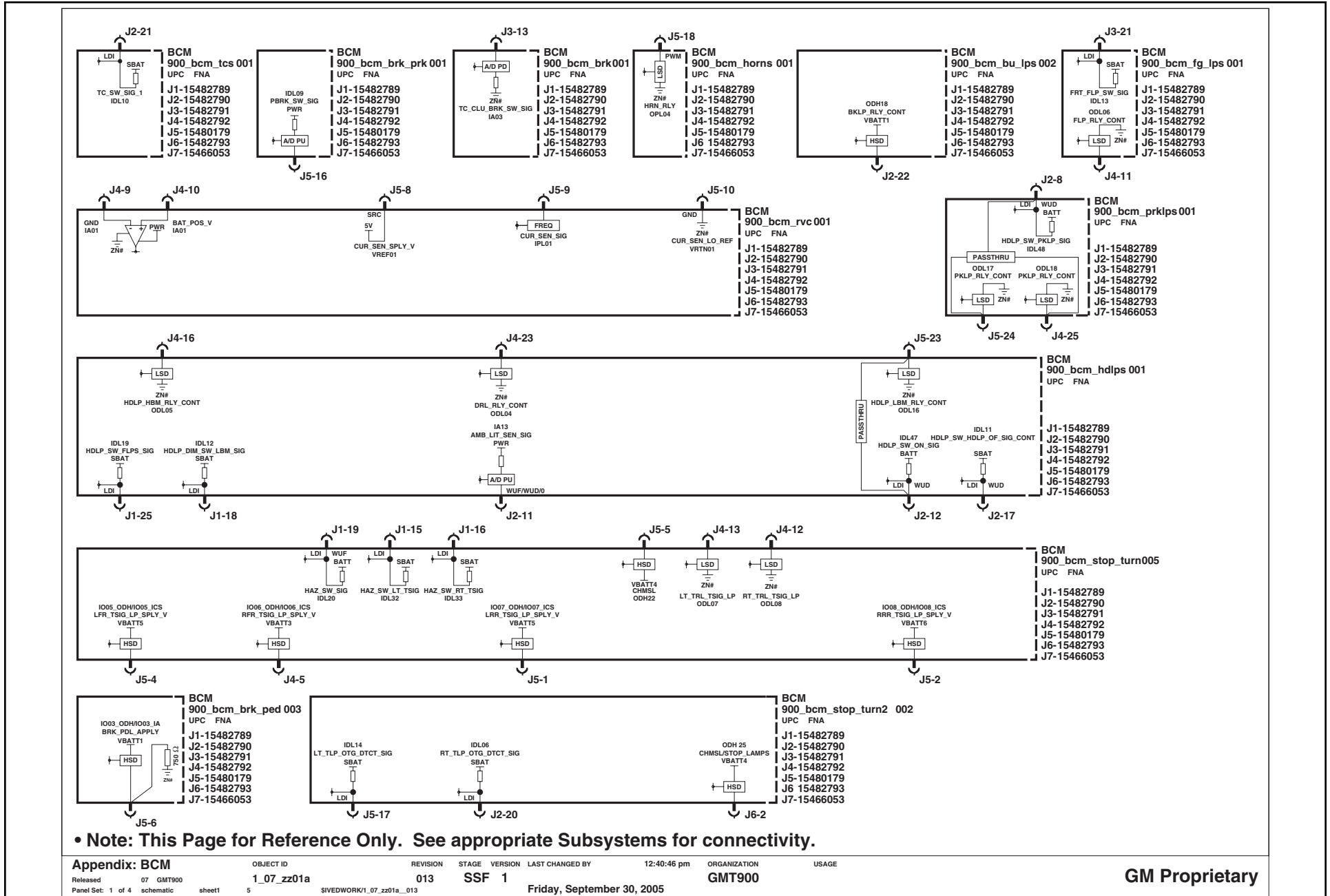
USAGE

GM Proprietary

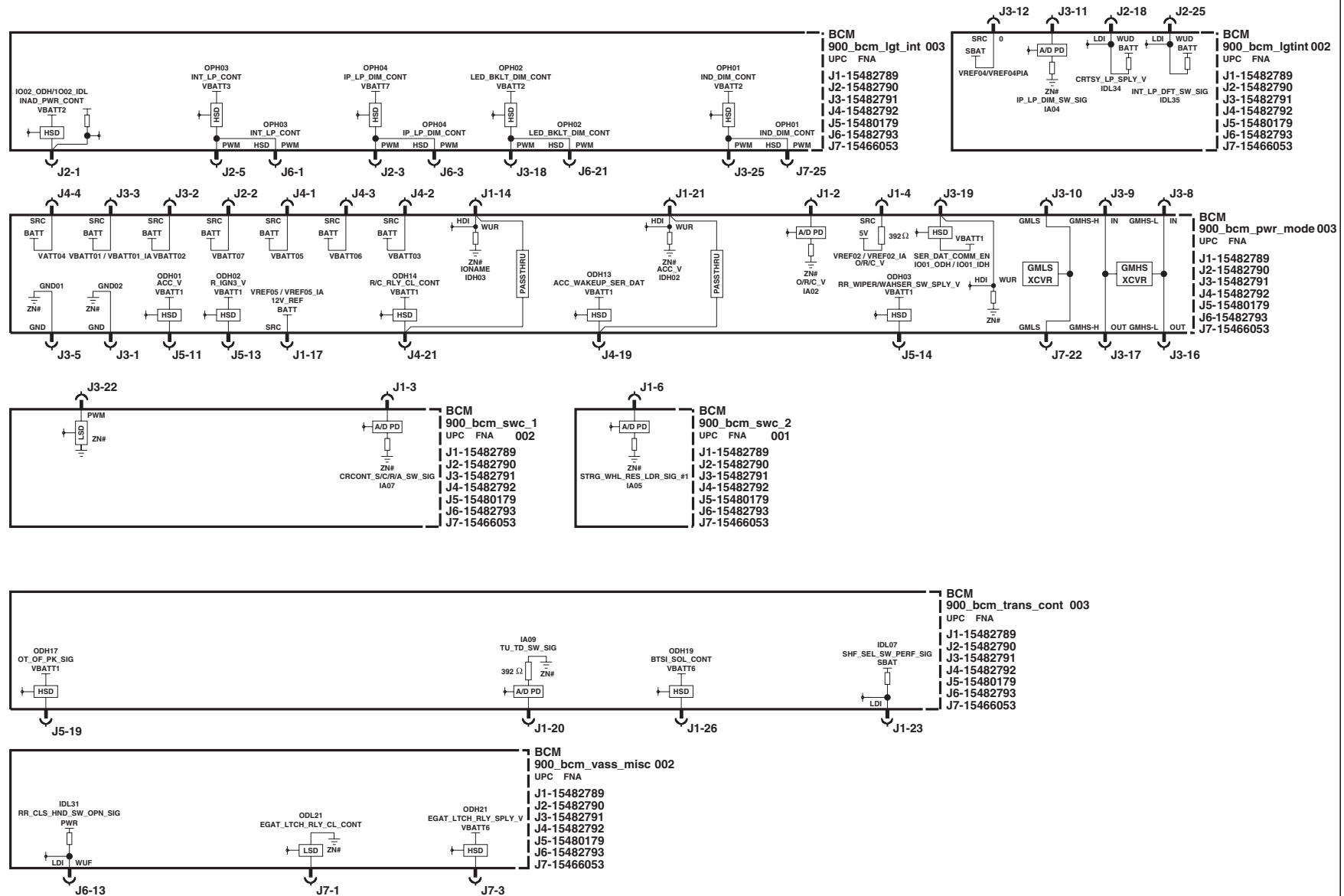
## Wipe/Wash: Rear Wipe/Washer



## Appendix: BCM



## Appendix: BCM



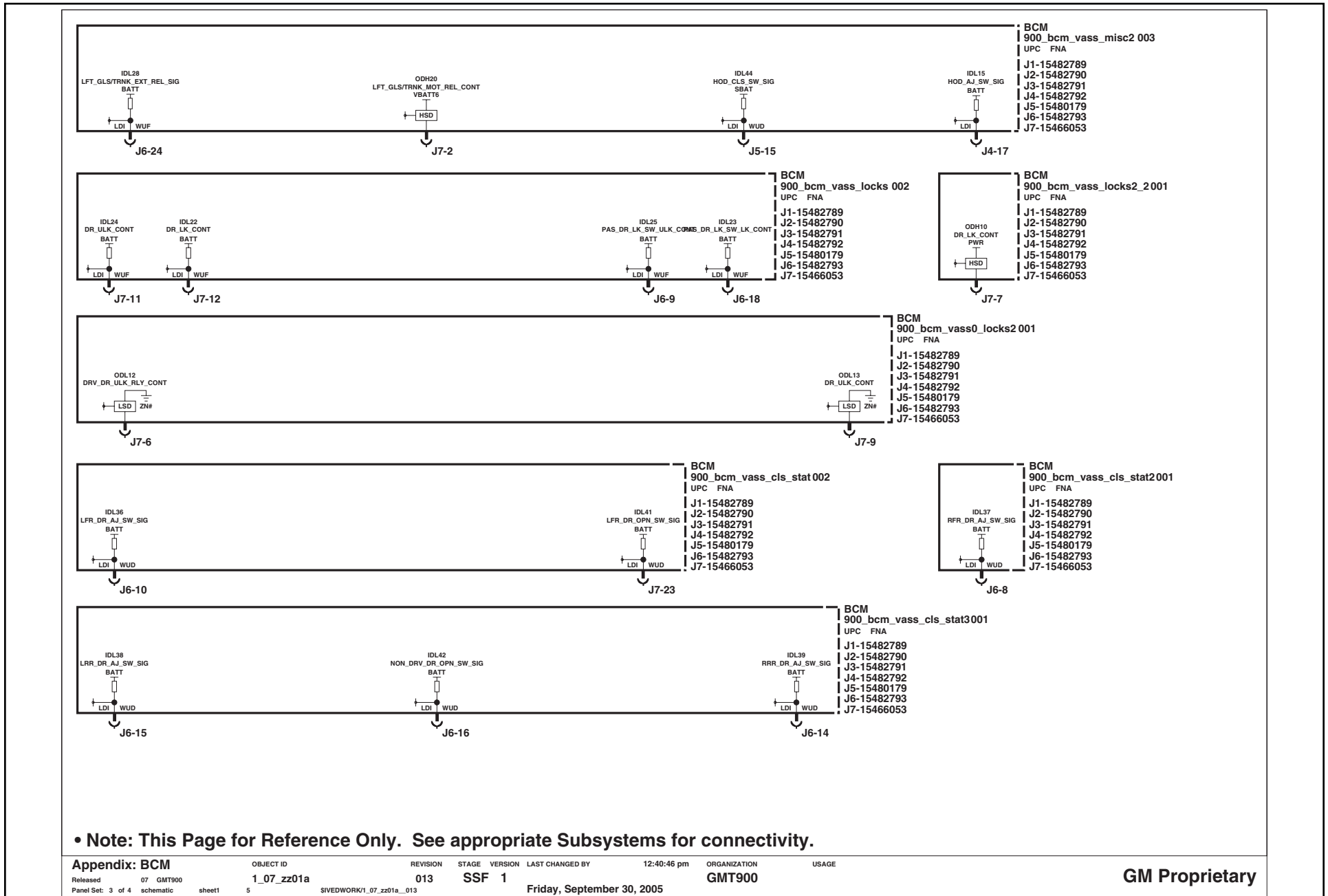
• Note: This Page for Reference Only. See appropriate Subsystems for connectivity.

Appendix: BCM	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	12:40:46 pm	ORGANIZATION	USAGE
Released	07 GMT900	1_07_zz01a	013	SSF	1		GMT900	
Panel Set: 2 of 4 schematic sheet1	5	SIVEDWORK/1_07_zz01a_013				Friday, September 30, 2005		

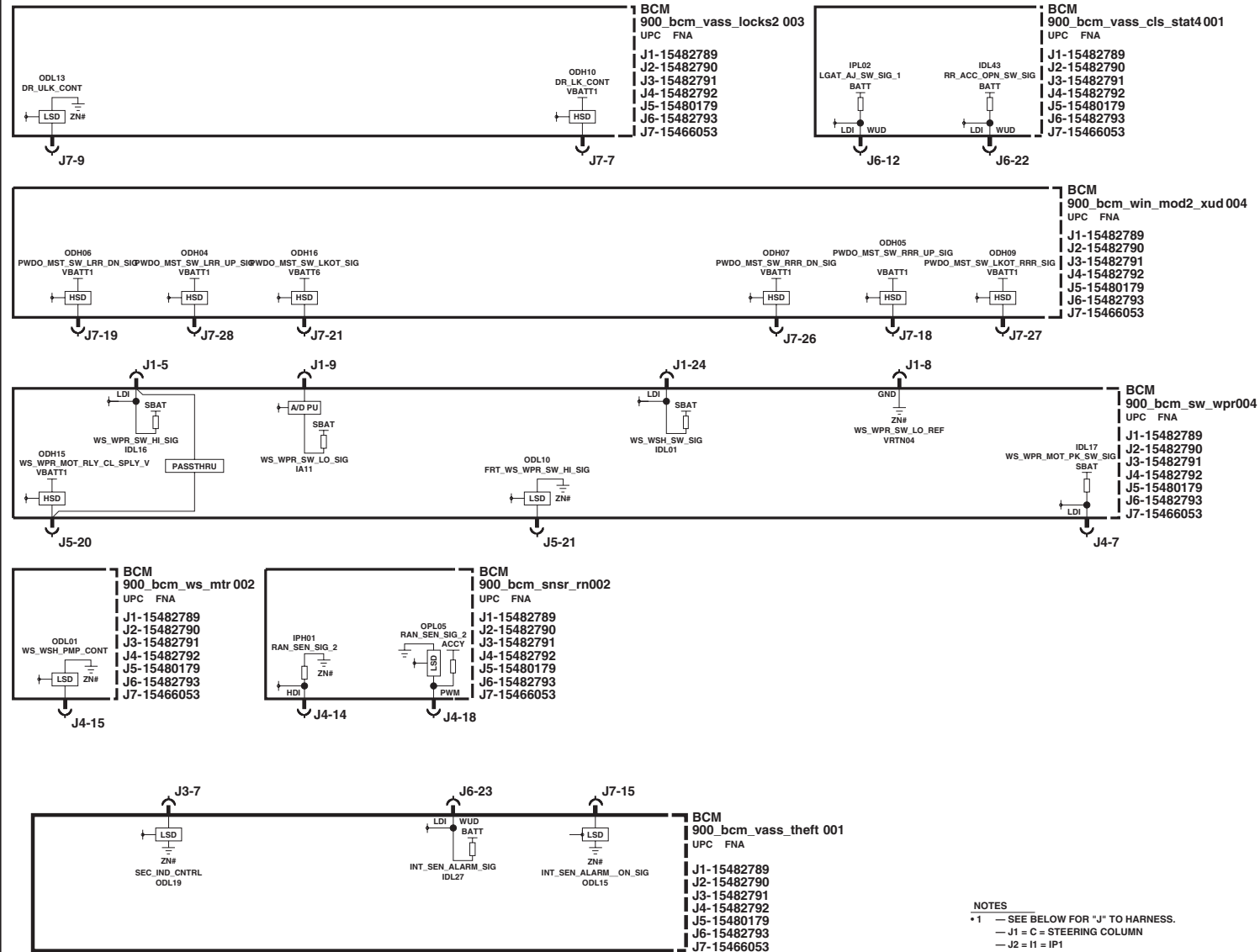
GM Proprietary

# 2007 LIGHT DUTY C/K FULL SIZE UTILITY TRUCK ELECTRICAL

## Appendix: BCM



## Appendix: BCM

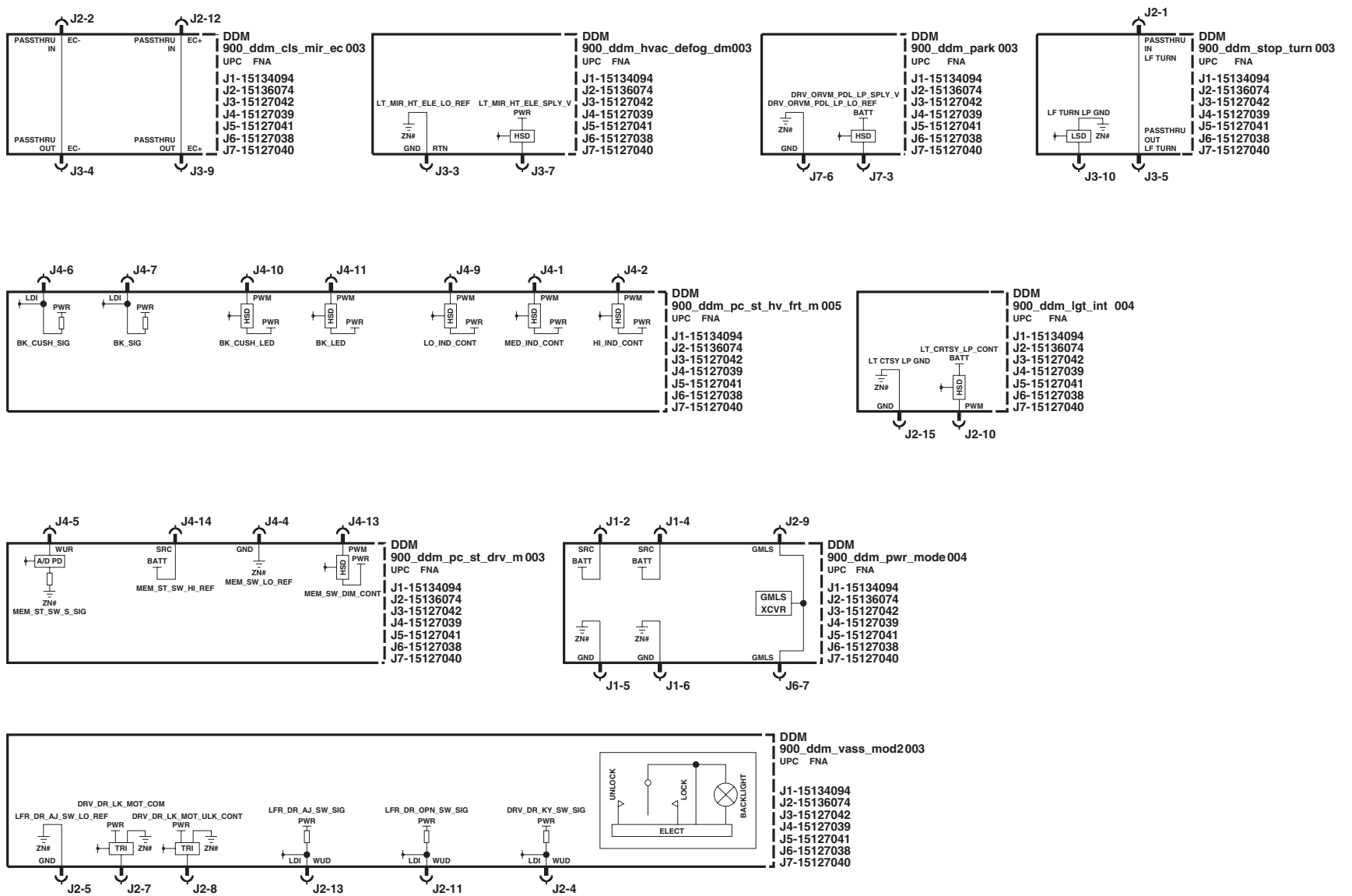


- NOTES**
- \*1 — SEE BELOW FOR "J" TO HARNESS.
  - J1 = C = STEERING COLUMN
  - J2 = I1 = IP1
  - J3 = I2 = IP2
  - J4 = U1 = IP UNDERHOOD1
  - J5 = U2 = IP UNDERHOOD2
  - J6 = B1 = BODY1
  - J7 = B2 = BODY2

**Note:** This Page for Reference Only. See appropriate Subsystems for connectivity.

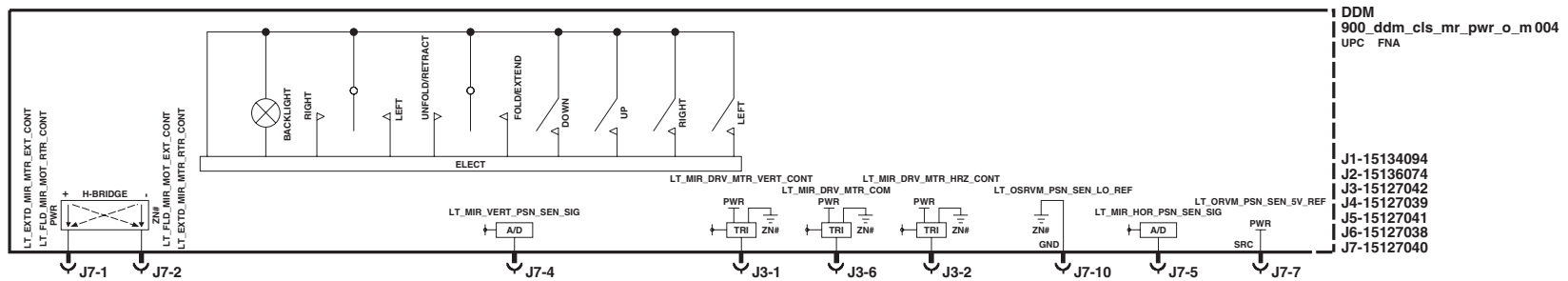
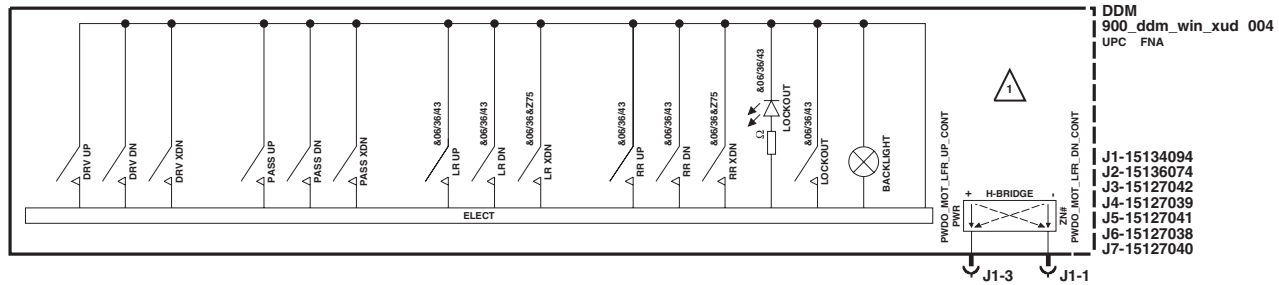


## Appendix: DDM



• Note: This Page for Reference Only. See appropriate Subsystems for connectivity.

## Appendix: DDM

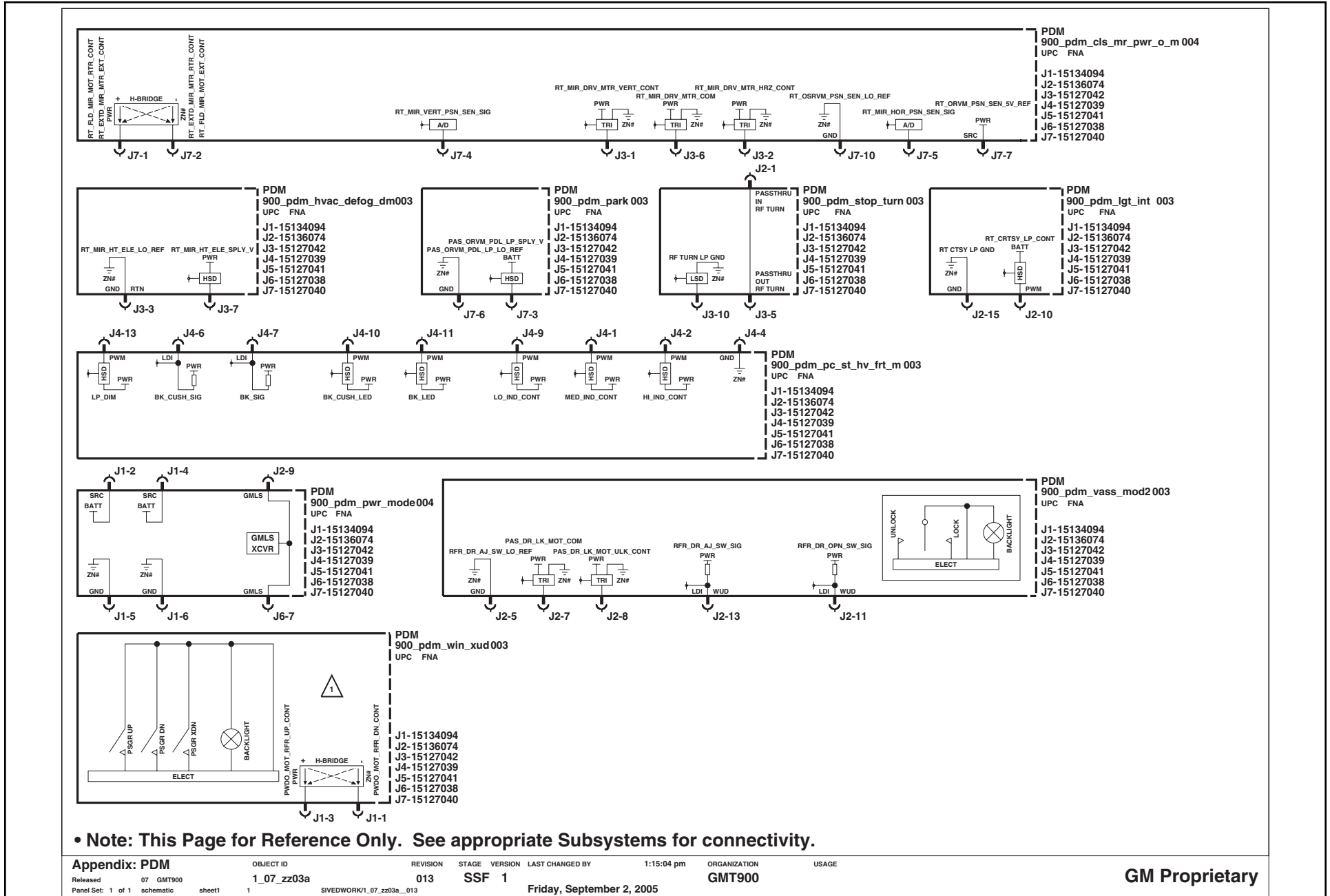


• Note: This Page for Reference Only. See appropriate Subsystems for connectivity.

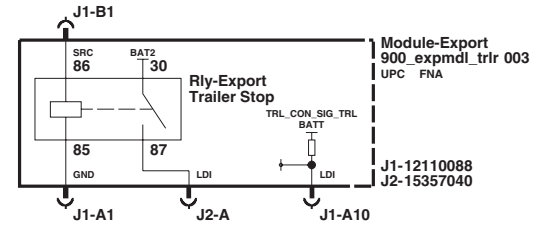
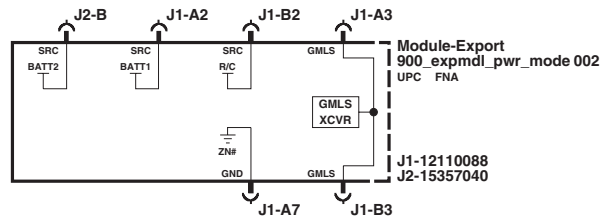
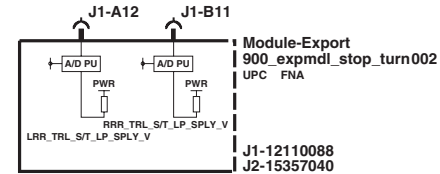
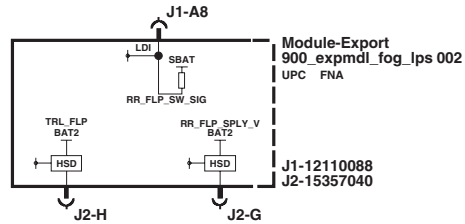
<b>Appendix: DDM</b>		OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	9:43:15 am	ORGANIZATION	USAGE
Released	07 GMT900	1_07_zz02a	013	SSF	1			GMT900	
Panel Set: 2 of 2	schematic	sheet1	4	SIVEDWORK/1_07_zz02a_013		Tuesday, January 3, 2006			

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## Appendix: PDM



## Appendix: Module-Export

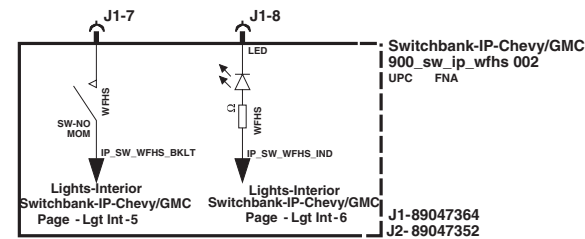
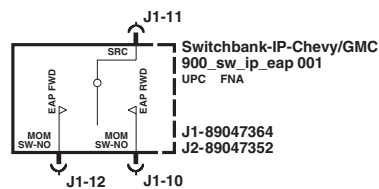
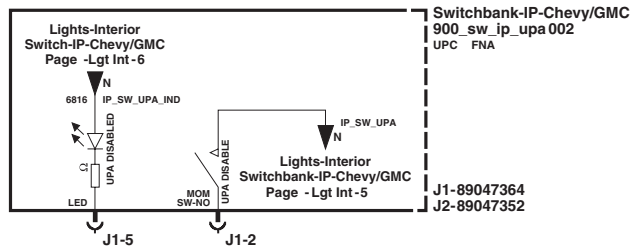
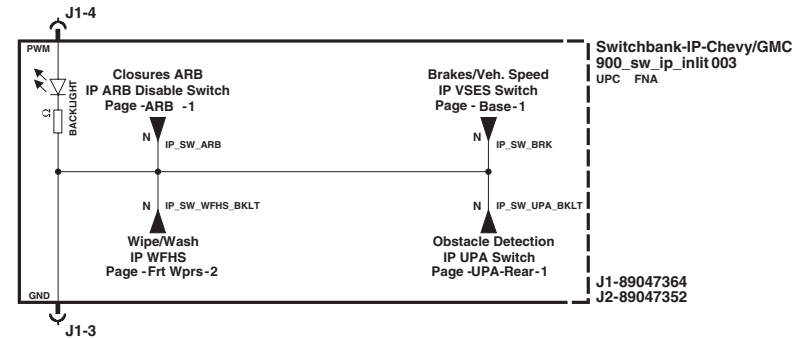
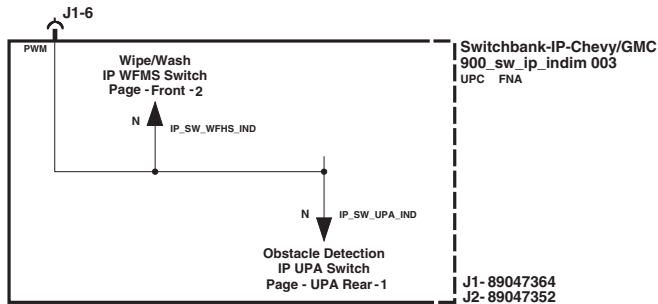


• Note: This Page for Reference Only. See appropriate Subsystems for connectivity.

<b>Appendix: Module-Export</b>		OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	1:15:13 pm	ORGANIZATION	USAGE
Released	07 GMT900	1_07_zz04a	013	SSF	1			GMT900	
Panel Set:	1 of 1 schematic sheet1	1				Friday, September 2, 2005			

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## Appendix: Switchbank-IP

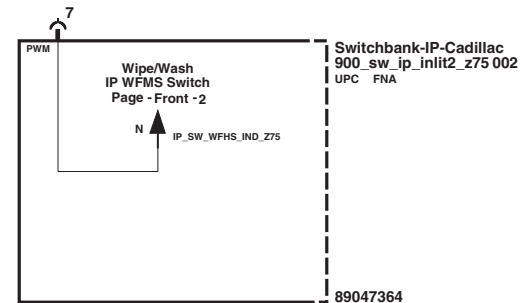
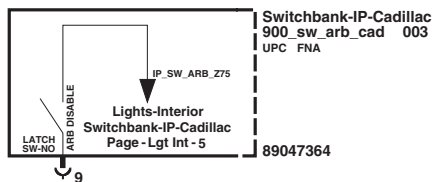
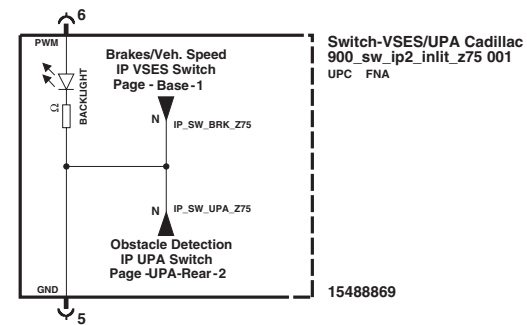
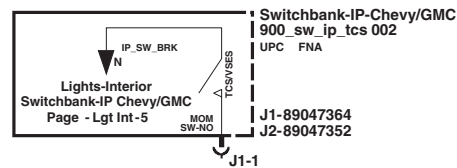
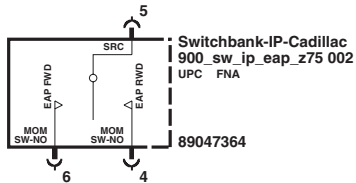
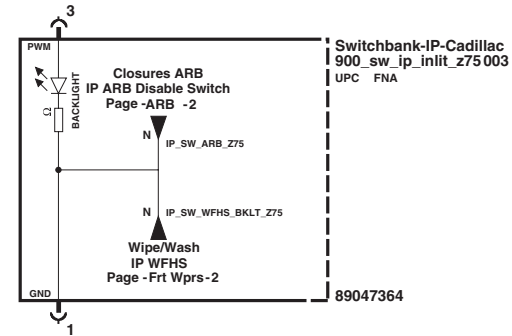
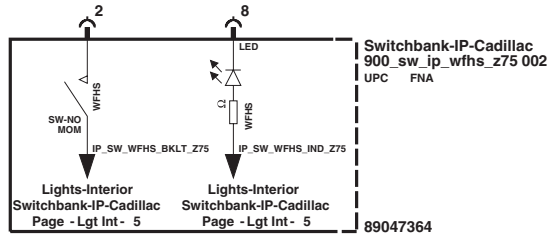


• Note: This Page for Reference Only. See appropriate Subsystems for connectivity.

Appendix: Switchbank-IP		OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	1:12:35 pm	ORGANIZATION	USAGE
Released	07 GMT900	1_07_zz05a	013	SSF	1			GMT900	
Panel Set:	1 of 2 schematic sheet1	3				SIVEDWORK/1_07_zz05a_013	Monday, January 9, 2006		

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## Appendix: Switchbank-IP



• Note: This Page for Reference Only. See appropriate Subsystems for connectivity.

APPENDIX: Switchbank-IP	OBJECT ID	REVISION	STAGE	VERSION	LAST CHANGED BY	1:12:35 pm	ORGANIZATION	USAGE
Released 07 GMT900	1_07_zz05a	013	SSF	1			GMT900	
Panel Set: 2 of 2 schematic sheet1	3	SIVEDWORK/1_07_zz05a_013			Monday, January 9, 2006			

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