CONTROL CONSOLE

RED 14AWG

ACCESSORY POWER RECEPTICAL

BLK 14AWG

TS-A

G4 COOLANT TEMPERATURE

G3 OIL PRESSURE

G2 FUEL GUAGE

G1 VOLTMETER

AXLE LOCK INDICATOR AMBER LT-5

LOW BRAKE PRESSURE WARNING RED LT-2

HYDRAULIC OIL TEMPERATURE WARNING RED LT-6

PARK BRAKE INDICATOR RED LT-1

PARK BRAKE SW-1 SHOWN ON

HOUR METER

DE-CLUTCH INDICATOR AMBER LT-4

REAR AXLE CENTER INDICATOR GREEN LT-3

DE-CLUTCH SW-4

STEER MODE SELECT SW-3

LIGHTS SW-2

IGNITION SWITCH SW-6

RED/WHT 14AWG

SW-5 HORN

FUSE BLOCK

RED/WHT 14AWG POWER RELAY

RED 10AWG

CB1

TRANSMISSION HARNESS CONNECTOR (PLUG-A)

ELECTRICAL CENTER SEE DETAIL SHT 3

SPARE SOCKET

RED 10AWG (FROM BATTERY +)

CAB WORK LIGHTS

TS-B

TS-C

1000 OHM

FUEL LEVEL SENDER

BRAKE SWITCH SW-7

BRAKES OFF SHOWN

RELAYS:
- A SPARE
- B HORN
- C BRAKE ON - DRIVE LOCKOUT
- D LEFT FRAME SWAY LOCKOUT
- E RIGHT FRAME SWAY LOCKOUT
- F PRIMARY REAR AXLE CONTROL
- G REAR AXLE SLOW FLOAT
- H REAR AXLE FAST FLOAT
- J FRAME SWAY OVERRIDE
- K ENGINE START ENABLE
- L DISABLE FORWARD DRIVE
- M DISABLE REVERSE DRIVE
- N ELEVATED DRIVE/SWAY OVERRIDE
- P OUTRIGGER DRIVE LOCKOUT

FUSES:
- CB1 25 AMP MAIN BREAKER
- FUSE BLOCK
- FB1 7.5 AMP ATO, FUEL PUMP
- FB2 10 AMP ATO, HORN
- FB3 10 AMP ATO, LIGHTS
- FB4 10 AMP ATO, POWER OUTLET
- ELECTRICAL CENTER
- F1 5 AMP MINI, FUEL CONTROL
- F2 7.5 AMP MINI, TRANSMISSION
- F3 5 AMP MINI, GUAGES/INDICATOR LIGHTS
- F4 10 AMP MINI, PARK BRAKE
- F6 7.5 AMP MINI, SWAY RIGHT, ELEVATED
- F7 10 AMP MINI, AXLE FLOAT, FWD/REV
- F9 7.5 AMP MINI,SWAY RIGHT, ELEVATED
- F10 10 AMP MINI, OUTRIGGERS
- F12 10 AMP MINI, INTERLOCKS

NOTES:
1. UNLESS OTHERWISE INDICATED ALL WIRES ARE 16 AWG. THOSE WITH AN ASTERISK PREFIX ARE 18 AWG (THESE MAY ALTERNATIVELY BE 16 AWG)
2. BLK AND Bxxx LABELED GROUND WIRES ARE BLACK 16 AWG UNLESS NOTED OTHERWISE.
3. ALL WIRES LABELED Wxxx ARE WHITE 16 AWG UNLESS NOTED OTHERWISE.
4. NUMBERED WIRES WITH A COMMON LETTER SUFFIX MAY BE DAISY CHAINED WITH ANY JOINTS AND CRIMPED ENDS SOLDERED.
5. ALL ELECTRICAL CENTER TERMINALS TO BE CRIMPED AND SOLDERED.

LAST REV: 6-10-05 ADD WIRE FROM F11 TO F12 IN ELECTRIC CENTER

FRESNO ENGINEERING DESIGN GROUP

5493 EAST OLIVE AVE. FRESNO CALIFORNIA 93727

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DESCRIPTION	ECO	DRN	DATE

CAD FILE: | DRN: GLC | DATE: 1/31/05 | SCALE: NONE

TITLE: ELECTRICAL CIRCUIT-CAB

SHT 1/6

MACHINE: XRM945R1/XRM1045

TYPE:

DWG. NO. 25207-000

REV 2