

X407 - CONNECTOR
341 N - CIRCUIT

C193 DASH TIE-IN

20 P → 01
02
03

20 P Ties in at the brown wire circuit 341, it is fused by GM fuse F 13, and it is a 10 amp Fuse . Fuse 13 is located under the driver's seat.

X407 - CONNECTOR
341 N - CIRCUIT

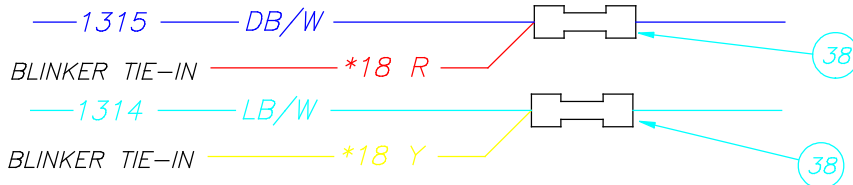
FIREWALL

FUSE BLOCK

OEM FRONT LIGHTING HARNESS

A >

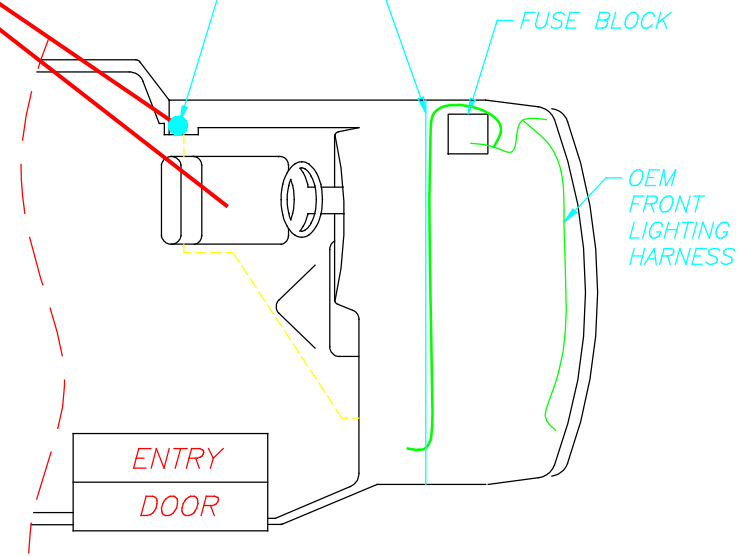
OEM BLINKER TIE-IN



NOTES:

- CHEVY CONNECTOR IS LOCATED ON THE "B" PILLAR DRIVER'S SIDE.
- CUT BROWN WIRE 3" FROM THE CONNECTOR.
- CONNECT WITH BOM 17, THE OTHER END OF WHICH SHALL BE CONNECTED TO C193 FROM THE FRONT CAP HARNESS.
- REMOVE WIRES 18R AND 18Y FROM C193 IN FRONT CAP HARNESS DROP UNDER DASH AND REMOVE FROM LOOM TO FIREWALL PASS-THROUGH HOLE ON PASSENGER SIDE.
- ROUTE HARNESS THROUGH FIREWALL AND RELOOM WITH BOM 19. WIRE TIE TO OEM HARNESS ALONG COWLING. KEEP ON TOP OF OEM HARNESS TO SHEILD FROM HEAT OF INTAKE TUBE ON DIESELS.
- REMOVE EXISTING SOCKETS AND USE BOM 38 TO TIE-IN WITH OEM WIRES FROM CONNECTOR X4 NEAR UNDERHOOD FUSE BLOCK AS SHOWN ABOVE. BE SURE TO HEAT SHRINK CONNECTORS!

A <



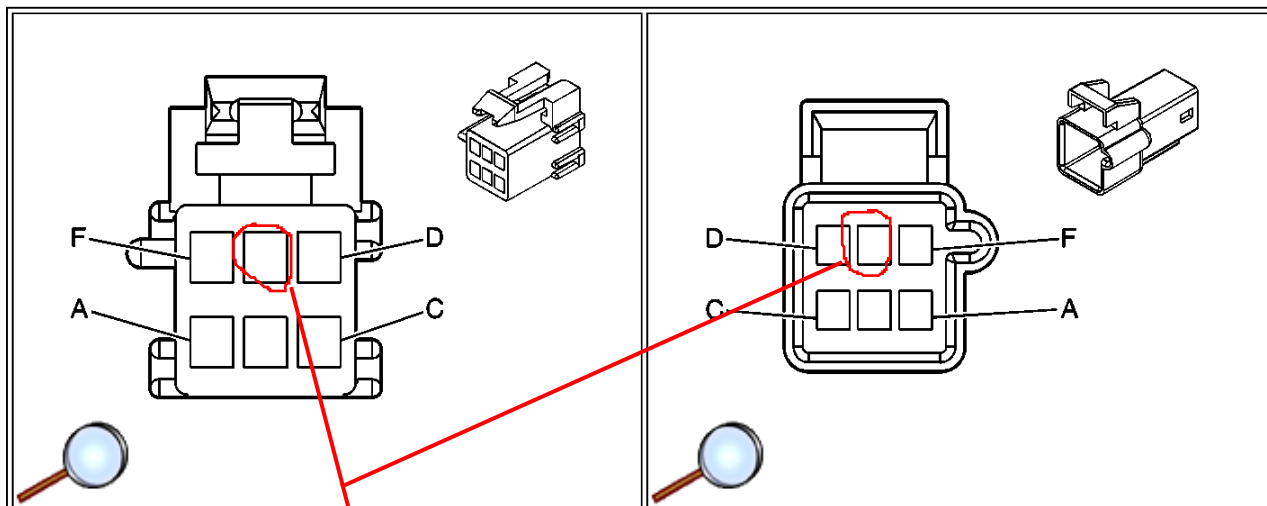
Eldorado National 
— a THOR company — 1655 WALL STREET SALINA, KS. 67401

NEXT ASSEMBLY: NONE	DRAWING INFORMATION	H	JWW	1/10/11	ADDED BOM 33	15885
SUPERCEDES: NONE	DRAWN: HOMAN CKD:	G	RLH	10/25/10	ADDED ITEM 20, 21 PAGE 1	15592
DO NOT SCALE DRAWING	DATE: 11/29/07 SIZE: A	F	DJB	4/14/10	CHANGED NOTES ON PAGES 1, 2 AND 7.	15054
MARK PART NUMBER AND REVISION ON ALL PARTS	SCALE: NTS WGT:	E	DJB	3/24/10	DELETED 20P CRITICAL NOTE PG4. MOVED 20P TIE-IN TO 'B' PILLAR	15009
THIS DRAWING IS THE PROPERTY OF EL Dorado NATIONAL COMPANY, A THOR INDUSTRIES COMPANY AND IS NOT TO BE DUPLICATED OR USED IN ANY WAY DETRIMENTAL TO THEIR BEST INTEREST.	TOLERANCE UNLESS SPECIFIED				DEL BOM #33 (62773) & #34 (62762). REV NOTES 1&2 PG4	
	FRACTIONS ± 1/16	-	PEH	11/29/07	RELEASE TO PRODUCTION	12465
	DECIMALS .00 ± .06	REV.	BY	DATE	DESCRIPTION	RELEASE #
	ANGLES + 1 DEG.					

TITLE: ELECTRICAL ASM, ATC 08- EP3 BILL OF MATERIALS	MATERIAL SPEC: REFER TO B.O.M.	PART NUMBER 0032248-04	PAGE 4 OF 7
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Document ID: 2358298

X407 Rear HVAC Harness to Body Harness (C36 or C69)



Connector Part Information

- Harness Type: Rear HVAC
- OEM Connector: 12064762
- Service Connector: 12125665
- Description: 6-Way F Metri-Pack 150 Series (GY)

Terminal Part Information

- Terminated Lead: 13575464
- Release Tool: J-38125-12A
- Diagnostic Test Probe: J-35616-14 (GN)
- Terminal/Tray: 15326030/5
- Core/Insulation Crimp: E/C

Connector Part Information

- Harness Type: Body
- OEM Connector: 12064763
- Service Connector: 12101876
- Description: 6-Way M Metri-Pack 150 Series (GY)

Terminal Part Information

- Terminated Lead: 13575462
- Release Tool: J-38125-12A
- Diagnostic Test Probe: J-35616-3 (GY)
- Terminal/Tray: 12047581/2
- Core/Insulation Crimp: E/C

X407 Rear HVAC Harness to Body Harness (C36 or C69)

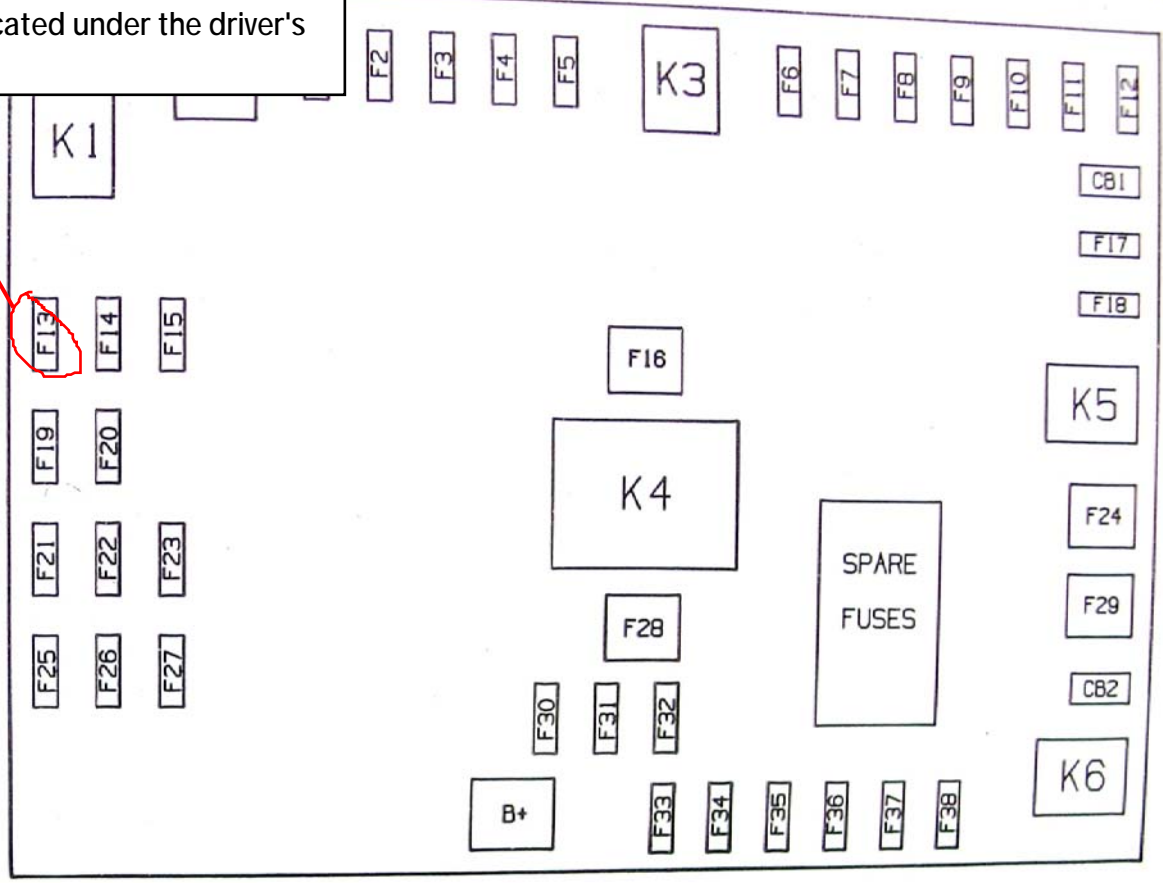
Pin	Wire	Circuit	Function	Pin	Wire	Circuit	Function
A	0.35 OG	2775	Auxiliary Air Temperature Door Control (C69)	A	0.35 OG	2775	Auxiliary Air Temperature Door Control (C69)
B	0.35 D-BU	1926	Auxiliary Blower Motor Low Control	B	0.35 D-BU	1926	Auxiliary Blower Motor Low Control
C	0.35 WH	1924	Auxiliary Blower Motor High Control	C	0.35 WH	1924	Auxiliary Blower Motor High Control
D	0.35 OG	1925	Auxiliary Blower Motor Medium Control	D	0.35 OG	1925	Auxiliary Blower Motor Medium Control
E	0.35 BN	341	Ignition Voltage	E	0.35 BN	341	Ignition Voltage
F	0.35 GY	2599	Auxiliary Mode Door Control (C69)	F	0.35 GY	2599	Auxiliary Mode Door Control (C69)

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MINIFUSES

F1	15A	EMPTY
F2	2A	STR/WHL/SNSR
F3	15A	AUX PRK LAMP(S) (CUTAWAY)
F4	10A	FTR PRK LAMP(S)
F5	15A	TRLR PRK LAMP(S)
F6	10A	UPFTR PRK LAMP(S)
F7	10A	RT REAR PRK LAMP
F8	10A	LT REAR PARK LAMP
F9	5A	OSRVM SW
F10	10A	AIRBAG/AOS
F11	15A	EMPTY
F12	15A	EMPTY
F13	10A	HVAC2
F14	20A	HVAC1
F15	15A	EMPTY
F17	20A	OSRVM HTR
F18	30A	REAR DEFOG
F19	10A	CMPS
F20	15A	RDO/CHIME
F21	10A	RFA/TPM
F22	2A	IGN SW (DLIS)/PK3
F23	10A	I/P CLUSTER
F25	10A	HVAC CNTRL
F26	10A	AUX/TRLR BCK/UP
F27	10A	TAIL LAMP(S) BCK/UP
F30	15A	UPFTR CTSY LAMP(S)
F31	15A	FRT DR LCK
F32	15A	REAR DR LCK
F33	15A	CARGO DR UNLCK
F34	15A	FRT PASS DR UNLCK
F35	15A	REAR PASS DR UNLCK
F36	15A	DVR DR UNLCK
F37	15A	EMPTY
F38	15A	EMPTY



J-CASE FUSES

F16	50A	UPFITTER AUX1
F24	30A	CART EMPTY
F28	50A	CART UPFITTER AUX2
F28	30A	READING LAMP(S)
F29	30A	REAR BLOWER

CIRCUIT BOARD RELAYS (NOT SHOWN)

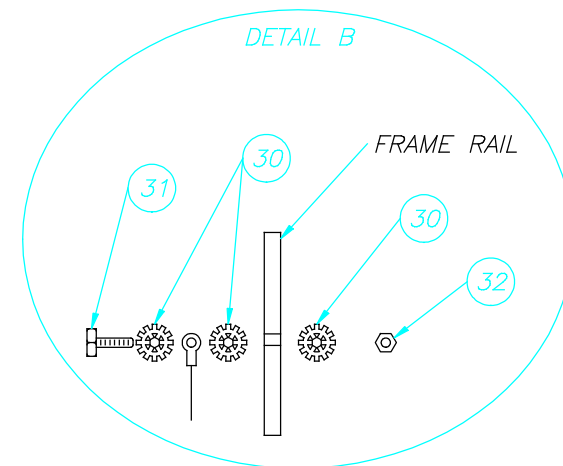
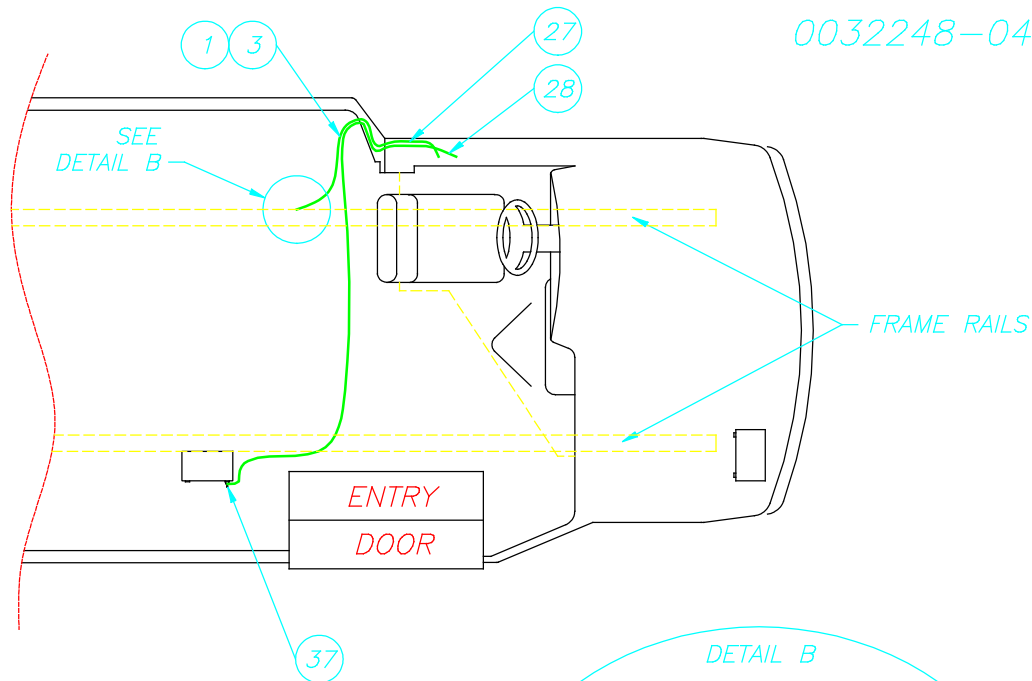
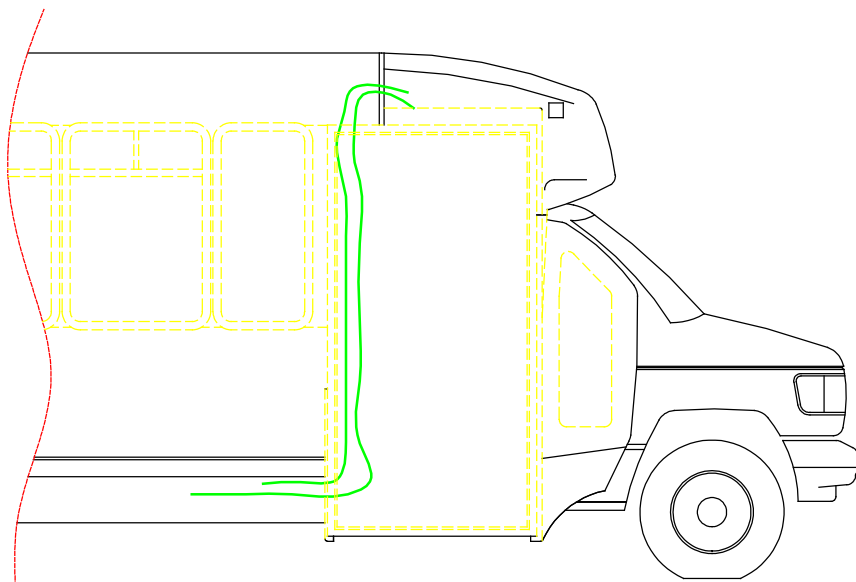
K7	BCK/UP
K8	UPFTR CTSY LAMP(S)
K9A	FTR REAR PASS DR UNLCK
K9B	DRVR DR UNLCK
K10A	FTR REAR DR LCK
K10B	CARGO DR UNLCK

CIRCUIT BREAKERS

CB1	30A	PWR SEATS
CB2	25A	PWR WINDOW(S)

PLUG IN RELAYS


K1	(HC MICRO) RUN
K2	(HC MICRO) EMPTY
K3	PRK LAMP(S)
K4	(HC MINI) UPFTR AUX2
K5	(HC MICRO) REAR DEFOG
K6	(HC MICRO) RAP



NOTES:

- 1) HARNESS SECURED TO FRONT CAP USING BOM 1 & 24 ON TOP SECURE TO WOOD TRIM BEHIND DRIVER AND ONCE UNDER THE BUS AS INDICATED IN DRAWING.
- 2) HARNESS SECURED TO FRAME USING BOM 3 & 29.
- 3) GROUND FASTENED TO CHASSIS USING BOM 30, 31 & 32. USE BOM 30 ON EACH SIDE OF RING TERMINAL AND BACK SIDE OF CHASSIS.
- 4) REPLACE OEM POSITIVE BATTERY CABLE BOLT PER BOM 39. ADD ELECTRICAL CENTER POWER CABLE TO BOLT.

NEXT ASSEMBLY: NONE	DRAWING INFORMATION		H	JWW	1/10/17	ADDED BOM 33	15885
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	FRACTIONS	± 1/16	-	PEH	11/29/07	RELEASE TO PRODUCTION	12465
	DECIMALS	.00 ± .06	REV.	BY	DATE	DESCRIPTION	RELEASE #
	ANGLES	+ 1 DEG.					

Eldorado National 
 — a THOR company — 1655 WALL STREET SALINA, KS. 67401

TITLE:
 ELECTRICAL ASM, ATC 08- EP3
 BILL OF MATERIALS

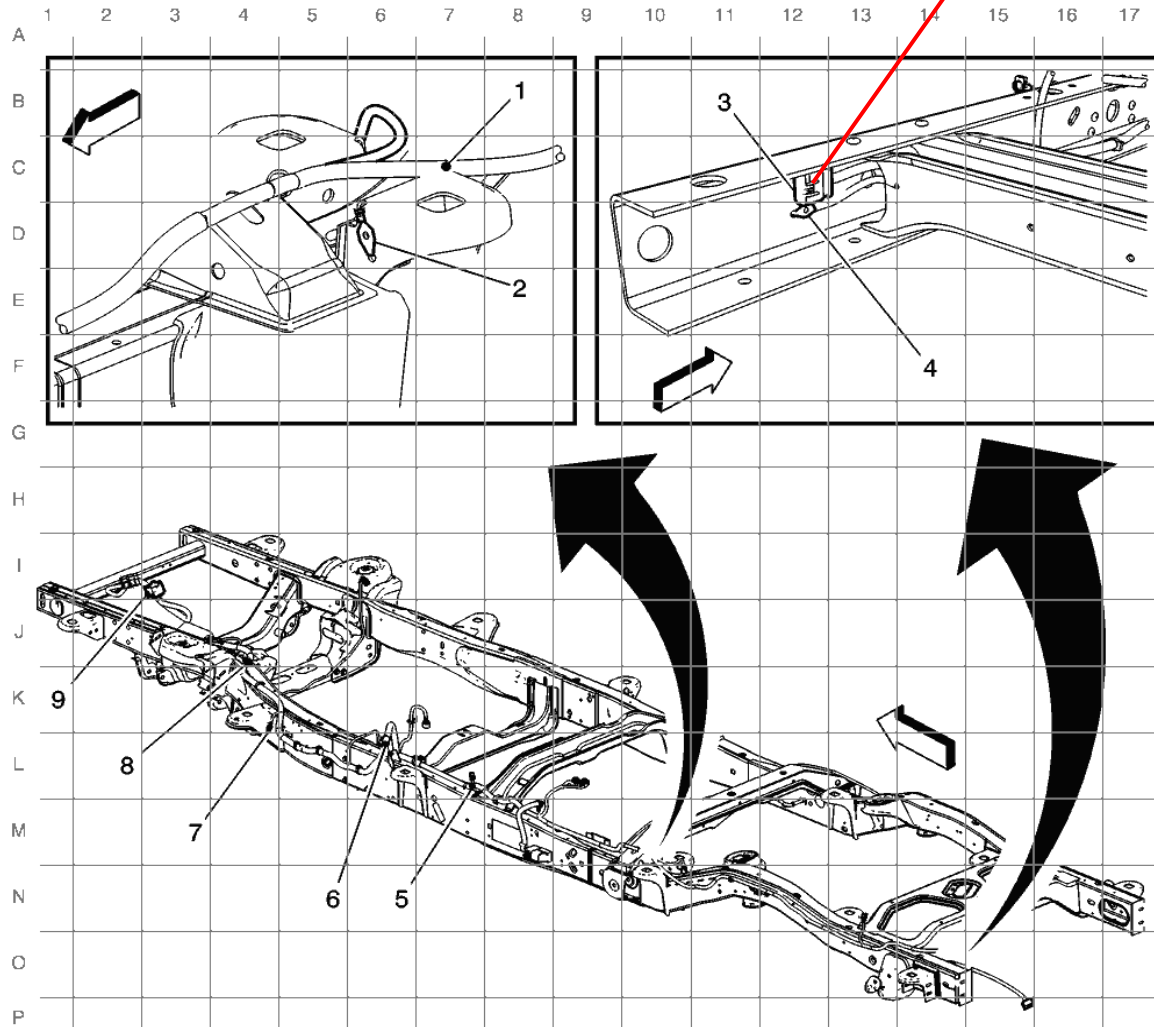
MATERIAL SPEC:
 REFER TO B.O.M.

PART NUMBER
 0032248-04

PAGE
 7 OF 7

Fuse F3 15 Amp
 Connector X405
 Circuit 2109
 Brown wire

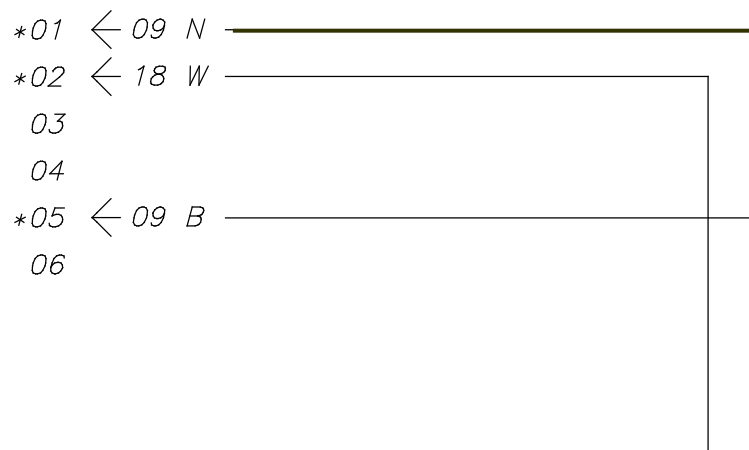
Chassis Harness Routing (LU3, L20, LMF or L96)



- (1) J402
- (2) G400 (Passenger or Cargo)
- (3) X405 (Cutaway)
- (4) G400 (Cutaway)
- (5) J301
- (6) J315 (LMF)
- (7) G300
- (8) J315 (LU3, L20 or L96)
- (9) X101

ITEM	QTY.	PART NO.	DESCRIPTION
1	1	62780	PLUG, 6-CIRCUIT 1-480704-0 AMP
2	3	62764	PIN, 18-14SS 350873-3
3	5.00	69795	WIRE, GXL 16 AWG BROWN
4	5.00	69745	WIRE, GXL 16 AWG WHITE
5	5.00	69755	WIRE, GXL 16 AWG BLUE
6	3	62702	TERMINAL, GT 280 16 AWG FEMALE
7	3	62703	SEAL, GT 280 16 GA
8	5.00	69850	FLEXLOOM, 1/4" SLIT

C161 CHASSIS HARNESS - P



X405 CHASSIS HARNESS TO REAR LIGHTING CAP - C

- A
- B
- 09 B → *C
- D
- E
- 09 N → *F
- G
- 18 W → *H
- J
- K

NOTES:

- 1) X405 IS AN EXISTING CONNECTOR LOCATED INSIDE THE PASSENGER SIDE FRAME RAIL AT THE REAR OF THE CHASSIS. THE REMOVABLE HALF IS TO BE PILLAGED FROM THE CHASSIS AND REWIRED AS SHOWN FOR THE TIE-IN.
- 2) THE EXISTING TWO WIRES IN THE CONNECTOR ARE TO BE REMOVED AND DISCARDED.
- 3) WHITE CAVITY PLUGS ARE TO REMAIN IN UNUSED CONNECTOR CAVITIES.

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 SALINA, KS. 67401

NEXT ASSEMBLY: NONE	DRAWING INFORMATION						TITLE: CHASSIS HARN TIE-IN, ALC/ATC 2008	
SUPERCEDES: NONE	DRAWN: HENDRICKSON	CKD:					MATERIAL SPEC: SEE BOM	
DO NOT SCALE DRAWING	DATE: 9/27/07	SIZE: A					PART NUMBER 0030927-4	
MARK PART NUMBER AND REVISION ON ALL PARTS	SCALE: NTS	WGT:					PAGE 1 OF 1	
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	FRACTIONS ± 1/16	DECIMALS .00 ± .06	ANGLES + 1 DEG.	-	PRH	9/27/07	RELEASE TO PRODUCTION 12276	
	REV.	BY	DATE	DESCRIPTION	RELEASE #			