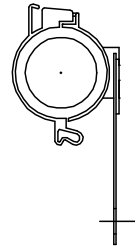
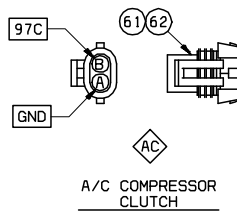


F/L CIR NO	SAE CIR NO	WIRE ITEM NO	LOC	FROM TERM INSL NO	SEAL INSL NO	CONN CAV POS	LOC	TO TERM INSL NO	SEAL INSL NO	CONN CAV POS	APPROX LENGTH -000	CIRCUIT DESCRIPTION
120	1322	2	BU	55	27	A	FH2	55	27	A	1800	BACK-UP SW SPLY
120B	1322	2	BU	55	27	B	FH2	55	27	B	1800	BACK-UP LAMP SPLY
1939+E	1603	9	COM	17	-	A	4D	48	-	F	360	DATABUS, POS, ELECTRONIC EN
1939-E	1603	8	COM	17	-	B	4D	48	-	E	360	DATABUS, NEG, ELECTRONIC EN
30	1405	3	TT	44	26	A	FH2	44	26	D	1425	TRANS OIL TEMP SIG, MAIN G
30G	1405	3	TT	44	26	B	FH2	44	26	E	1425	TRANS OIL TEMP GND, MAIN G
97C	2301	2	AC	55	27	B	FH2	55	27	C	2925	A/C COMPRESSOR CLUTCH SPLY
D115	1420	8	FH1	32	39	D	4C	48	-	H3	1830	DDE3 ECU COOLANT LEVEL SI
D150	1205	1	G1	46	27	A	S4	10	15	-	350	DDE ECU GROUND
D150	1205	1	4B	45	27	D	S4	10	15	-	425	DDE ECU GROUND
D150	1205	1	4B	45	27	E	S4	10	15	-	425	DDE ECU GROUND
D151	1205	3	G1	44	26	B	4B	44	26	B	775	DDE ECU GROUND CABLE 2
D240	1512	1	P1	35	27	A	S3	10	15	-	600	DDE ECU POWER SPLY
D240	1512	1	4B	45	27	A	S3	10	15	-	175	DDE ECU POWER SPLY
D241	1512	1	4B	45	27	C	S3	10	15	-	175	DDE ECU POWER SPLY
D417	1506	8	1	18	-	9	4C	48	-	D2	1930	DDE ECU THROTTLE POSITION
D419	1512	8	1	18	-	11	4C	48	-	B1	1930	DDE CHECK ENGINE IND LP S
D439	1512	8	1	18	-	7	S2	10	15	-	1575	DDE3 ECU IGN SPLY
D439	1512	8	4C	48	-	B3	S2	10	15	-	355	DDE3 ECU IGN SPLY
D439	1512	8	4D	48	-	C	S2	10	15	-	310	DDE3 ECU IGN SPLY
D451	1502	8	1	18	-	23	4C	48	-	E1	1930	DDE3 ECU ENGINE BRAKE DIS
D499	1512	8	1	18	-	20	4C	48	-	F3	1930	DDE3 ECU VEHICLE POWER SH
D509	1512	8	1	18	-	10	4C	48	-	B2	1930	DDE SHUTDOWN/STOP ENGINE
D510	1510	8	1	18	-	14	4C	48	-	D1	1930	DDE ECU PTO/VSG CONTROL S
D523	1512	8	1	18	-	19	4C	48	-	H1	1930	DDE3 AUX SHUTDOWN #1
D524	1512	8	1	18	-	15	4C	48	-	H2	1930	DDE3 ECU PARK BRAKE PRESS
D528	1512	8	1	18	-	16	4C	48	-	G1	1930	DDE ECU SHUTDOWN OVERRIDE
D531	1507	8	2A	32	39	D	4C	48	-	J2	1505	DDE3 ECU CLUTCH SW SIG
D531	1507	8	2B	34	39	D	1	18	-	5	1625	DDE3 ECU CLUTCH SW SIG
D541	1508	8	1	18	-	3	2B	34	39	B	1625	DDE3 ECU CRUISE SET/COAST
D541	1508	8	4C	48	-	J1	2A	32	39	B	1505	DDE3 ECU CRUISE SET/COAST
D542	1512	8	FH1	32	39	E	4C	48	-	F1	1830	DDE3 ECU OPTIONAL PIN
D543	1511	8	1	18	-	6	4C	48	-	G2	1930	DDE3 ECU SERVICE BRAKE SW
D544	1504	8	1	18	-	2	4C	48	-	F2	1930	DDE3 ECU CRUISE ENABLE SI
D545	1508	8	1	18	-	4	2B	34	39	C	1625	DDE3 ECU CRUISE RES/ACCEL
D545	1508	8	4C	48	-	G3	2A	32	39	C	1505	DDE3 ECU CRUISE RES/ACCEL
D555	2202	8	FH1	32	39	F	4C	48	-	A2	1830	DDE3 ENGINE FAN DRIVER OU
D556	1419	8	3A	47	25	A	4C	48	-	E2	1930	DDE3 ECU VEHICLE SPEED PO
D557	1419	8	3A	47	25	B	4C	48	-	E3	1930	DDE3 ECU VEHICLE SPEED NE
D563	1512	8	1	18	-	21	4A	32	39	A	1825	DDE3 ECU DDEC LOW VOLTAGE
D564	1420	8	1	18	-	17	4A	32	39	B	1825	DDE3 COOLANT LEVEL IND LP
D565	1502	8	1	18	-	24	4A	32	39	C	1825	DDE3 ECU ENG BRAKE ACTIVE
D583	1502	8	1	18	-	13	4C	48	-	K2	1930	DDE3 ECU ENG BRAKE MDM SI
D800	1602	6	1	18	-	30	4D	48	-	A	1885	DATABUS, POS, DDE3 J1922
D801	1602	7	1	18	-	31	4D	48	-	B	1885	DATABUS, NEG, DDE3 J1922
D900	1601	5	1	18	-	28	4C	48	-	C2	1930	DATABUS, POS, DDE3 J1587
D901	1601	4	1	18	-	29	4C	48	-	C1	1930	DATABUS, NEG, DDE3 J1587
D916	1506	8	1	18	-	8	4C	48	-	A3	1930	DDE THROTTLE SENSOR 5V SP
D952	1205	8	1	18	-	18	4C	48	-	C3	1930	DDE THROTTLE SENSOR GND
D953	1205	8	1	18	-	1	S1	10	15	-	400	DDE SENSOR COMMON, GND
D953	1205	8	FH1	32	39	A	S1	10	15	-	300	DDE SENSOR COMMON, GND
D953	1205	8	2B	34	39	A	S1	10	15	-	1225	DDE SENSOR COMMON, GND
D953	1205	8	2A	32	39	A	S4	10	15	-	1200	DDE SENSOR COMMON, GND
D979	1502	8	1	18	-	12	4C	48	-	K3	1930	DDE3 ECU ENG BRAKE LOW SI
D988	1805	8	1	18	-	22	4C	48	-	A1	1930	DDE3 ECU TRANS RETARDER
GND	1204	2	AC	55	27	A	SG	52	15	-	2000	GROUND, GENERAL CAB/CHASSI

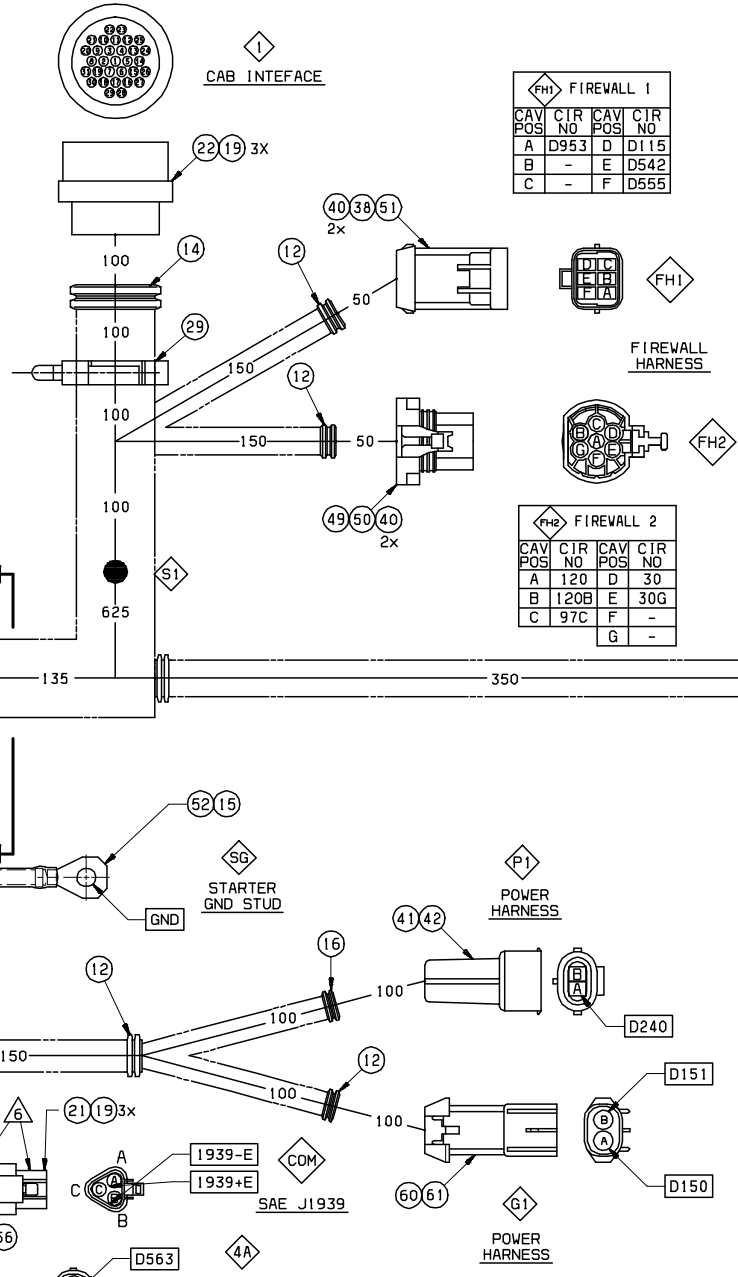


SECTION A-A
TYPICAL ORIENTATION FOR ITEM 62



A/C COMPRESSOR CLUTCH

CAB INTERFACE					
CAV POS	CIR NO	CAV POS	CIR NO	CAV POS	CIR NO
1	D953	11	D419	21	D563
2	D544	12	D979	22	D988
3	D541	13	D583	23	D451
4	D545	14	D510	24	D565
5	D531	15	D524	25	-
6	D543	16	D528	26	-
7	D439	17	D564	27	-
8	D916	18	D952	28	D900
9	D417	19	D523	29	D901
10	D509	20	D499	30	D800
				31	D801



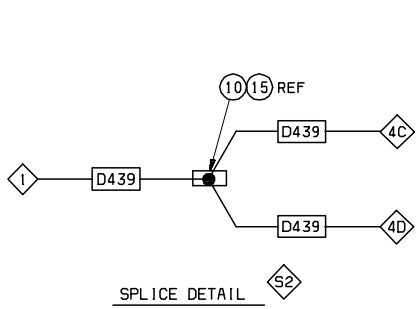
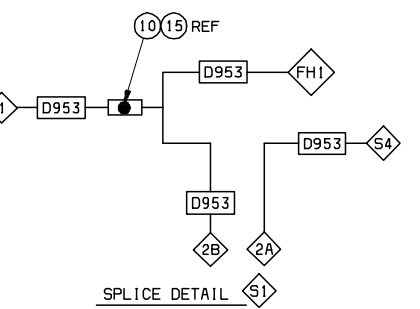
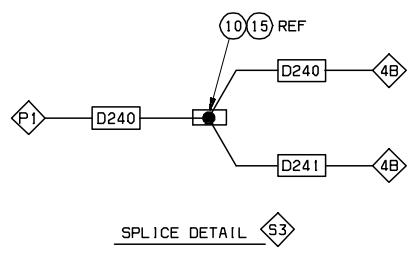
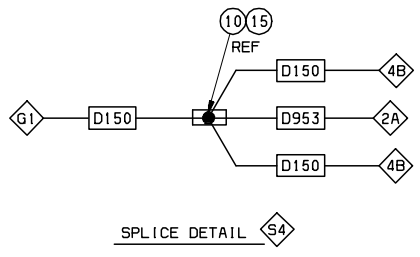
FH1 FIREWALL 1			
CAV POS	CIR NO	CAV POS	CIR NO
A	D953	D	D115
B	-	E	D542
C	-	F	D555

FH2 FIREWALL 2			
CAV POS	CIR NO	CAV POS	CIR NO
A	120	D	30
B	120B	E	30G
C	97C	F	-
G	-	-	-

4B POWER CONN			
CAV POS	CIR NO	CAV POS	CIR NO
A	D240	D	D150
B	D151	E	D150
C	D241	-	-

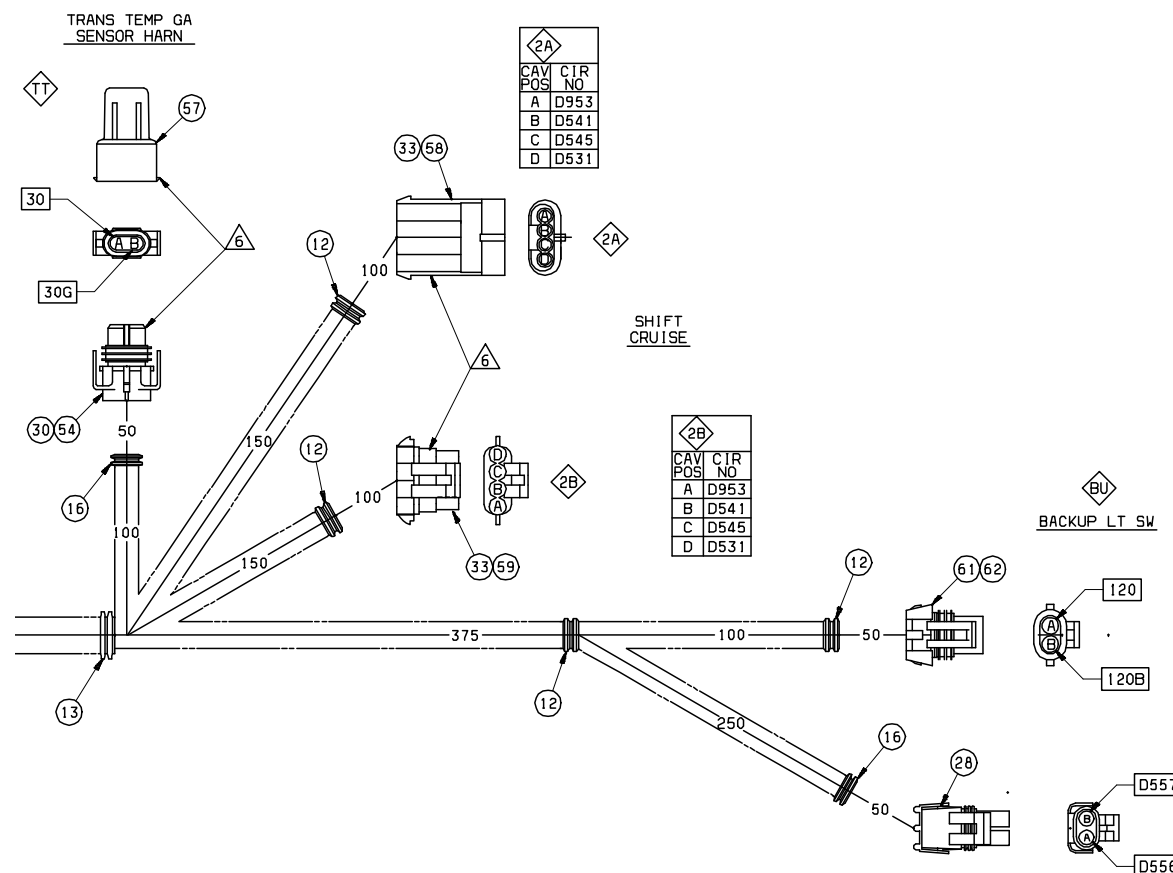
4D COMM CONN			
CAV POS	CIR NO	CAV POS	CIR NO
A	D800	D	-
B	D801	E	1939-E
C	D439	F	1939-E

4C OEM INTERFACE CONN					
CAV POS	CIR NO	CAV POS	CIR NO	CAV POS	CIR NO
A1	D988	D2	D417	G3	D545
A2	D555	D3	-	H1	D523
A3	D916	E1	D451	H2	D524
B1	D419	E2	D556	H3	D115
B2	D509	E3	D567	J1	D641
B3	D439	F1	D542	J2	D531
C1	D901	F2	D544	J3	-
C2	D900	F3	D499	K1	-
C3	D952	G1	D528	K2	D583
D1	D510	G2	D543	K3	D979



DEL WITH AND WITH ABSO PERM APPR THIS SOFT INTE MANA

RELEASE NUMBER	REV	DATE	DESCRIPTION	BY	DATE	APP
P06467-25	-	-	INITIAL RELEASE	ETB	07/21/00	RJH
P13367-12	A	02	48-02453 WAS 48-02223	MSM	11/30/00	SCL



3	PAC15336077	CLAMP, CONDUIT, 30MM BOLT ON	62
3	PAC15300014	LOCK-SEC, 2-CAV, MP280S, F&M, BLUE	61
1	PAC15300002	RCPT, 2CAV, MP280S, BLK, F2J	60
1	PAC12186568	PLUG-4CAV, MP150S, BLK	59
1	PAC12186271	RCPT-4CAV, MP150S-GRAY	58
1	PAC12146446	COVER-PLUG-2CAV, MP280S	57
1	PAC12129615	RCPT-3CAV, MP150S, BLK	56
7	PAC12129409	TERM-FEM, MP280ST, 14/16AWG	55
1	PAC12124819	PLUG-2CAV, MP280S, SIDE LOCK	54
1	PAC12124634	PLUG-5CAV, MP280S, BLK	53
1	PAC12004483	TERM-RING, 14/16/18AWG, 1/2"STUD	52
1	PAC12124107	RCPT-6CAV, MP150S, BLK, SELF LKG	51
1	PAC12110754	LOCK-TERM, 7CAV, MP280S-M & F	50
1	PAC12110751	PLUG-7CAV, MP280S-FLXLK, BLK, RND	49
31	PAC12103881	TERM, F, MP150, 1-P2S, 18AWG-16GXL	48
2	PAC12089188	TERM-FEM, W/P, 18 AWG, (SLD)	47
1	PAC12129493	TERM-FEM, MP280S, 12/14	46
4	PAC12077413	TERM-FEM, MP280S, 12	45
6	PAC12077411	TERM-FEM, MP280S, 16/18	44
1	PAC12066317	PLUG-6CAV, MP150S-P2S, BLK	43
1	PAC12065279	LOCK-TERM, 2CAV, MP280S-RCPT	42
1	PAC12059450	RCPT-2CAV, MP280S, SIDE LK, BLK	41
4	PAC12059168	SEAL-CAV PLUG, MP150/MICP100W	40
15	PAC12052924	SEAL-CABLE, MP150, DK RED, REEL	39
1	PAC12052850	LOCK-TERM, 6CAV, MP150S-MD GRAY	38
1	PAC12052845	LOCK-SEC, 3CAV, MP150S, RCPT&PLUG	37
1	PAC12052816	LOCK-TERM, MP280S-5CAV, PLUG	36
1	PAC12048254	TERM-MALE, MP280S, 12	35
4	PAC12048074	TERM-FEM, MP150S, 16/18	34
2	PAC12047948	LOCK-TERM, 4CAV, MP150S-M&F, BLK	33
11	PAC12045773	TERM-MALE, MP150S, 18AWG/16GXL	32
1	PAC12034398	PLUG-30CAV, MP150S-P2S, BLK, A-K	31
1	PAC12020807	LOCK-TERM, 2CAV, MP280S, SIDELK	30
1	PAC12048089	CLAMP, CONDUIT, 30MM, XMAS-T	29
1	PAC12015792	PLUG-2CAV, WP, BLK	28
13	PAC12015360	SEAL-CABLE, MP280-WP, BLUE, REEL	27
6	PAC12015359	SEAL-CABLE, MP280-WP, GRAY, REEL	26
2	PAC12015284	SEAL-CABLE, MP280-WP, GREEN, REEL	25
2	PAC15300027	PLUG, 2-CAV, MP280S, BLK, M2J	24
1	DUFW3P	LOCK-TERM, 3CAV, DT-HSG, WG-DRN	23
1	DUFHD362431ST	PLUG-31CAV, SIZE #16, SCKTS	22
1	DUFDT06 3S	PLUG-3CAV, DT SER, SIZE#16-SKT	21
1	DUFDT04 3P	RCPT-3CAV, DT SER, SIZE#16-PIN	20
6	DUF114017	PLUG-CAVITY, HD/DT, SZ12&16, VHT	19
29	DUF1062 16 0122	TERM-FEM, SIZE#16, 16-18AWG	18
2	DUF1060 16 0144	TERM-MALE, SZ#16-GOLD, 16/18AWG	17
2.0'	48-02217-025	CONDUIT-NYL, 6MM, FLEX, BLK, SLIT	16
5	48-02461-025	TUBE-HT SHRINK, 1/4", BLK, D-WALL	15
3.1'	48-02217-125	CONDUIT-NYL, 30MM, FLEX, BLK, SLIT	14
1.2'	48-02217-062	CONDUIT-NYL, 16MM, FLEX, BLK, SLIT	13
10.0'	48-02217-038	CONDUIT-NYL, 10MM, FLEX, BLK, SLIT	12
2.0'	48-00126-007	MSC-3/4 BLK TAPE-MMM15	11
4	23-11283-000	TERM, SPLICE CLIP, 2.3-6.45 MM2	10
1.2'	48-25354-180	CABLE, TWISTED PAIR, SAE J1939	9
198.4'	48-02493-184	CABLE-GXL, 18GA, YELLOW, LOW TNSN	8
6.2'	48-02493-187	CABLE-GXL, 18GA, PINK, LOW TNSN	7
6.2'	48-02493-186	CABLE-GXL, 18GA, LT BLU, LOW TNSN	6
6.3'	48-02493-185	CABLE-GXL, 18GA, DK GRN, LOW TNSN	5
6.3'	48-02493-183	CABLE-GXL, 18GA, ORANGE, LOW TNSN	4
11.9'	48-02223-169	CABLE-SXL, 16GA, WHITE, LOW TNSN	3
28'	48-02223-149	CABLE-SXL, 14GA, WHITE, LOW TNSN	2
7.1'	48-02223-129	CABLE-SXL, 12GA, WHITE, LOW TNSN	1
QTY	ITEM NUMBER	DESCRIPTION	REF

- UNLESS OTHERWISE SPECIFIED, THIS ASSEMBLY MUST CONFORM TO FREIGHTLINER STANDARD 49-00106.
- CONNECTOR END VIEWS ARE SHOWN FROM THE CABLE INSERTION END.
- SECURE AND CLOSE ALL CONVOLUTED TUBING JUNCTIONS AND OPENINGS WITH ITEM 13 ELECTRICAL TAPE.
- SINGLE ITEM USED FOR MULTIPLE WIRES.
- CIRCUITS D417/D916/D952/D800/D801/D556/D557 AND D900/D901 ARE TWISTED PAIRS. MINIMUM OF ONE TWIST PER INCH.
- SUPPLY CONNECTED TOGETHER.
- STRIP INSULATION BACK MAXIMUM OF 125MM & RETWIST WIRES A MINIMUM OF ONE TWIST PER INCH (25MM).
- SINGLE WIRE USED IN MULTIPLE LOCATIONS. REF. ITEM 9.
- FORM HARNESS INTO BEND APPROXIMATELY AS SHOWN.
- DO NOT SOLDER THESE TERMINALS.
- STRAP TO HARNESS.

ITEM NUMBER A06-37295-000	DESCRIPTION HARN, DDC 60, MER SHIFT/CRUISE	FREIGHTLINER LLC <small>THE INFORMATION CONTAINED HEREIN IS PROPRIETARY DATA AND IS NOT FOR DISSEMINATION OR DISCLOSURE, IN WHOLE OR IN PART, FOR ANY PURPOSE OTHER THAN THAT FOR WHICH IT IS SUBMITTED, EXCEPT AS AUTHORIZED IN WRITING BY FREIGHTLINER LLC.</small>	
DATE 07/21/00	DATE 07/21/00	DATE 07/21/00	DATE 12/01/00
BY E. BALUWANN	BY S. LARSEN	BY J. GOMEZ	BY J. GOMEZ
DESCRIPTION HARN, ELEC ENG, DDC 60, FLX/X2	SUPPLEMENT DESCRIPTION 28601 MERITOR SHIFT & CRUISE	REVISION LETTER A	SHEET NUMBER 1 of 1

VERY MUST CONFORM EXACTLY DRAWING SPECIFICATIONS WHERE REQUIRED BY Q.A. APPROVED Q.A. SAMPLES. LATELY NO CHANGES ARE FITTED WITHOUT PRIOR DVAL BY FREIGHTLINER CORP. INCLUDES CHANGES TO: WARE, MATERIALS, FINAL COMPONENTS, MANUFACTURING PROCESSES.

DRAWN BY: AMJ-JTH/MS
 CHECKED BY: J. GOMEZ
 DATE: 07/21/00
 SHEET: 1 of 1
 PART: A06-37295-000