

SECTION 9 - CAB

DESCRIPTION	ASSEMBLY NUMBER
Air Conditioner Assembly, Cab	A84788N
Cab Air Conditioner Assembly	A84788N
Cab Assembly with R.O.P.S.	83400J
Cab Cleaning Assembly	84503B
Cab Configuration Assembly	85039J
Cab Dash and Shroud Assembly	A84230G
Cab Electrical Assembly	A85142B
Cab Gauge Assembly, Color Coded	77904S
Cab Harness Installation	85103C
Cab Seat Assembly	83955U,W
Cab Seat Belt Assembly	A84375A
Cab Shifter Assembly	A84217B
Cab Steering Column/Wheel Assembly	A83459A
Cab Windshield Washer Assembly	A85115A
Cab Windshield Wiper Assembly	A83432A
Certification Label Assembly, R.O.P.S.	A84399A
Cleaning Assembly, Cab	84503B
Dash and Shroud Assembly, Cab	A84230G
Dash Configuration Assembly, Cab	85039J
Electrical Assembly, Cab	A85142B
Electronic Throttle	81161K
Gauge Assembly, Cab - Color Coded	77904S
Harness Installation, Cab	85103C
Heater Assembly, R.O.P.S. Cab	A83419C
Indicator, Restriction	A83850C
Pedal Assembly, Retard	80169G
R.O.P.S. Cab Assembly	83400J
R.O.P.S. Cab Electrical Assembly	A85142B
R.O.P.S. Cab Heater Assembly	A83419C
R.O.P.S. Certification Label Assembly	A84399A
Radio Installation	76032T
Restriction Indicator	A83850C
Retard Pedal Assembly	80169G
Seat Assembly, Cab	83955U,W
Seat Belt Assembly	A84375A
Shifter Assembly, Cab	A84217B
Speedometer and Tachometer Assembly	81116K
Steering Column/Wheel Assembly	A83459A

DESCRIPTION**ASSEMBLY NUMBER**

Tachometer and Speedometer Assembly

81116K

Throttle, Electronic

81161K

Washer Assembly, Windshield - Cab

A85115A

Windshield Washer Assembly, Cab

A85115A

Windshield Wiper Assembly

A83432A

Wiper Assembly, Windshield

A83432A

76032T

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DR.

GAP

ENG APP.

MASSIE
REL. CK.

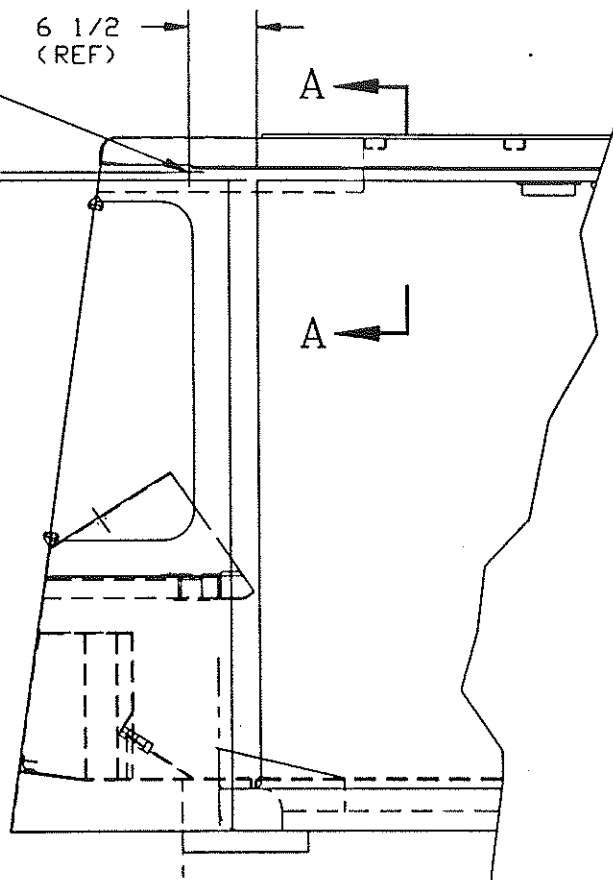
NOMINAL: $\varnothing 5/16$
MATCH DRILL PER
SUPPLIED ANTENNA

3/4
(REF)

6 1/2
(REF)

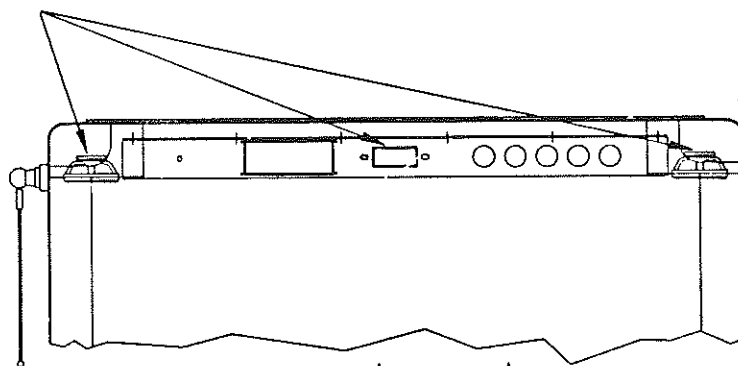
A

A



PARTIAL SIDE VIEW OF CAB

MOUNT SPEAKERS AND
STEREO IN EXISTING
CUTOUTS. ENLARGE
AS REQUIRED.



VIEW A-A

NOTE: WIRE MARK
ITEM 18
AS 'RADIO'



RADIO INSTALLATION

SHEET 1 OF 2

76032T

90984

E.N. NO.

76032T

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ITM	QTY PER ASSY	COMPONENT	DESCRIPTION
1	1.00	56347	RADIO, AM/FM
2	1.00	56348	SPEAKER, RADIO
3	1.00	53620	ANTENNA-AM/FM RADIO
9	2.00	20707	TERM RING TONGUE #10 HOLE, 18 AWG
11	8.00	15874	SCR, MACH, RHD, 6-32NC X 1 GR 2
12	8.00	22068	WSHR, FL, #6 X .375 OD
13	8.00	10176	WSHR, LK, HELI, #6 X .250 OD
14	8.00	10122	NUT-HEX(6-32 NC)
15	6.00	20691	TERMINAL-BUTT SPLICE 22-16 AWG
16	2.00	22755	TERMINAL-BUTT 16-14 AWG
17	2.00	20632	TERMINAL-RING TONGUE 5/16 HOLE, 18 AWG
18	6.00	24582	CABLE #18AWG

GAP

ENG. APP.

REL. CK.

90984

E.N. NO.



LAD

RADIO INSTALLATION

SHEET 2 OF 2

76032T

779045

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ITH	QTY PER ASSY	COMPONENT	DESCRIPTION
001	1	* 83484A *	GAUGE, VOLTMETER
002	1	* 83484C *	GAUGE, FUEL
003	1	* 83485A *	GAUGE, TEMP, WATER
004	1	* 83486B *	GAUGE, PRESS, OIL
005	1	51341	GAUGE-HOURMETER, 24V

COLOR CODED. INCLUDES
ENGINE OIL PRESS
ENGINE COOL TEMP
FUEL LEVEL
VOLTMETER

INSTALL PER CAB
CONFIGURATION

DR
T. DODEN
ENG. APP.
MASSIE
REF. EN.
Ellis

CAB GAUGE ASSY./CODE

SHEET / OF /
ASSY.
NO. 779045



*SEE SERVICE PARTS

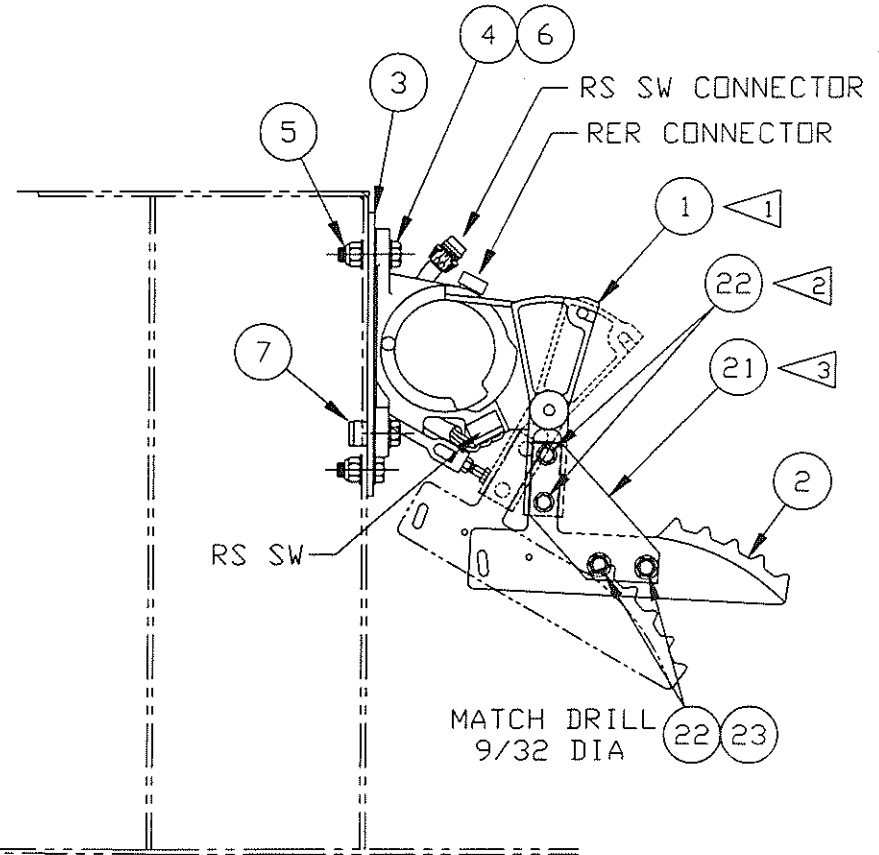
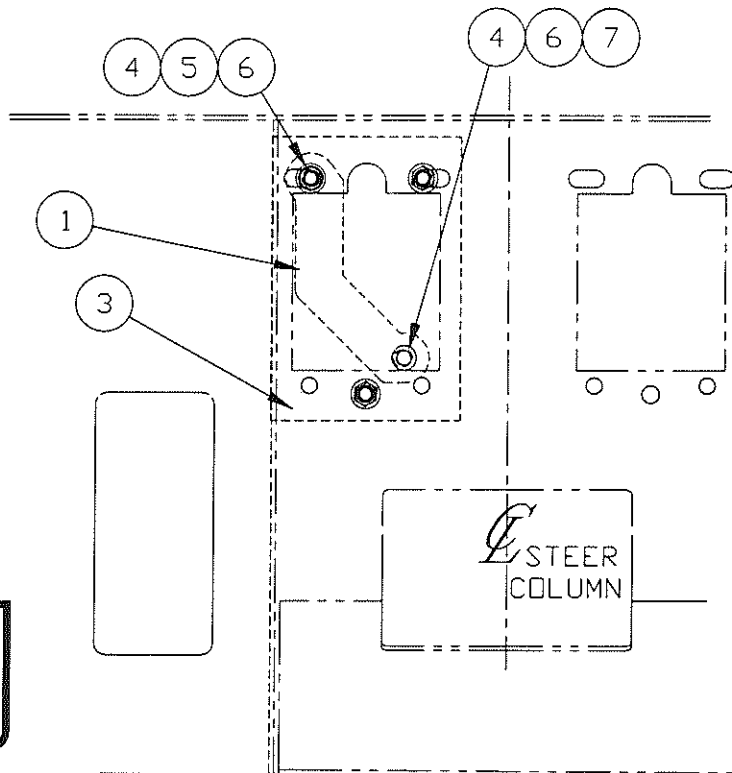
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80169G

ALBERT

DIR T. DODDEN
 ENG. APP. MASSIE
 REL. CK. ELLIS
 88768
 88748
 86404
 E.N. NO.



NOTE:

- ▲1 REMOVE THROTTLE PEDAL AND ARM FROM ITEM #1. REUSE HARDWARE TO ATTACH NEW PEDAL, ITEM #2. REMOVE PEDAL AND SPRING FROM REMOVED ARM AND RESTOCK AS P/N'S 53910 AND 53911. DISCARD ARM.
- ▲2 COMPLETE TAPPING OF 1/4-20 NC HOLES AND INSTALL THESE ITEM 22 BOLTS FIRST.
- ▲3 GRIND CASTING NO. OFF PEDAL (IF REQ'D).

RETARD PEDAL ASSY

SHEET 1 OF 2

80169G



81116K

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ITM	QTY PFR ASSY	COMPONENT	DESCRIPTION
001	1	83378B	GAUGE, SPDMTR (MPH), 24V WITH ODOMETER
002	1	83378H	GAUGE, TACHOMETER
003	8	20691	TERMINAL-BUTT SPLICE 22-16 AWG
004	6	FT 24582	CABLE #18AWG

ANALOG GAUGES - MPH

DR.

JAMES R

ENG. APP.

[Signature]

REL. CK.

[Signature]

E.N. NO.

87008

*SEE SERVICE PARTS



SPEEDOMTR & TACH A

SHEET 1 OF 1
ASSY.
NO. 81116K

81161K

AIVERT

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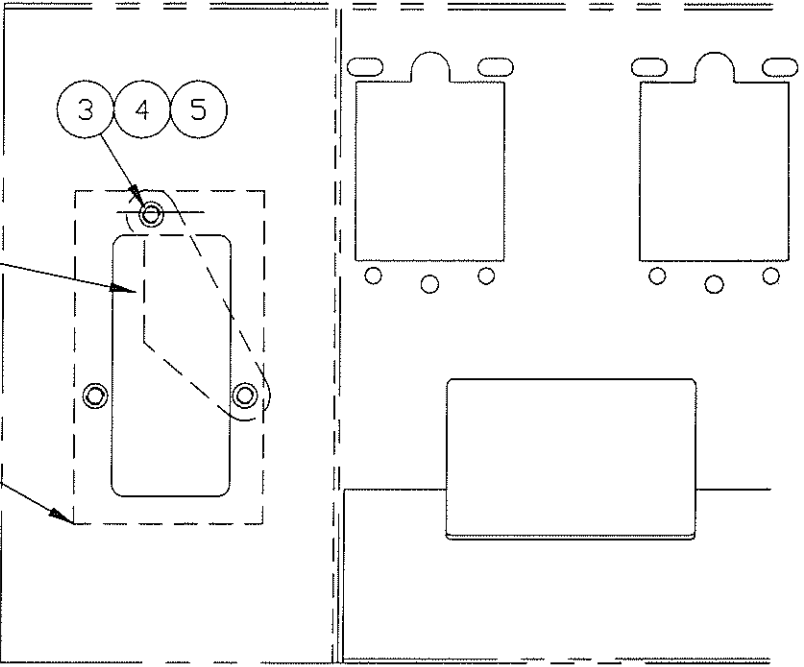
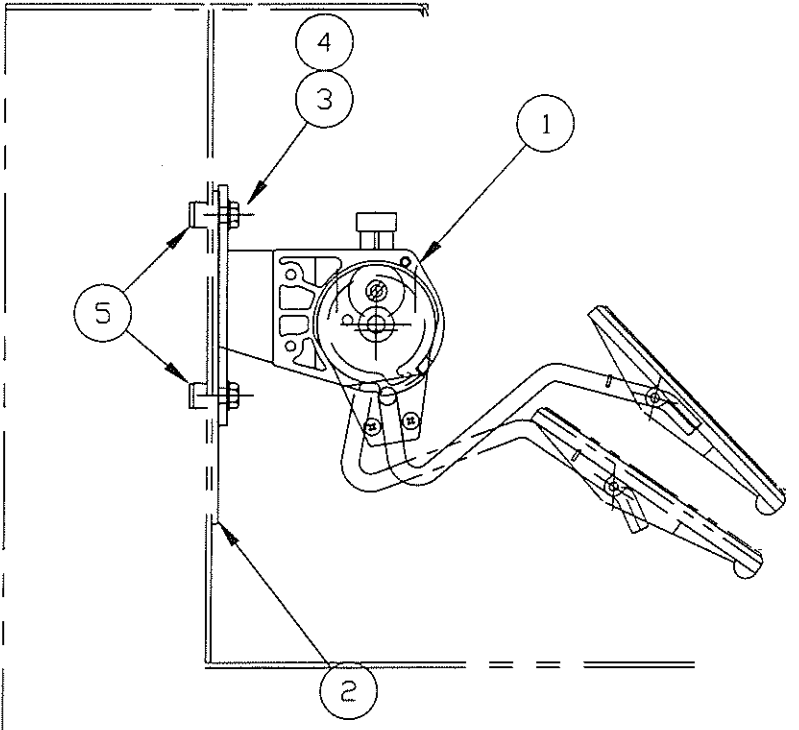
TIR
 T. DODDEN

ENGR
 SLF

REL CK
 ELLIS

REL CK
 ELLIS

E.N. NO.
 90335



SEE SERVICE PARTS



ITM	QTY PER ASSY	COMPONENT	DESCRIPTION
001	1	* 83461B *	THROTTLE, ELECTRONIC
002	1	83663A	PLATE, CLOSURE
003	3	10179	WSHR, LK, HELI, 5/16 X .586 DD
004	3	10008	CAPSCR, HX, 5/16-18NC X 1 GR 5
005	3	22606	NUT, INSERT, 5/16-18UNC

ELEC. THROTTLE

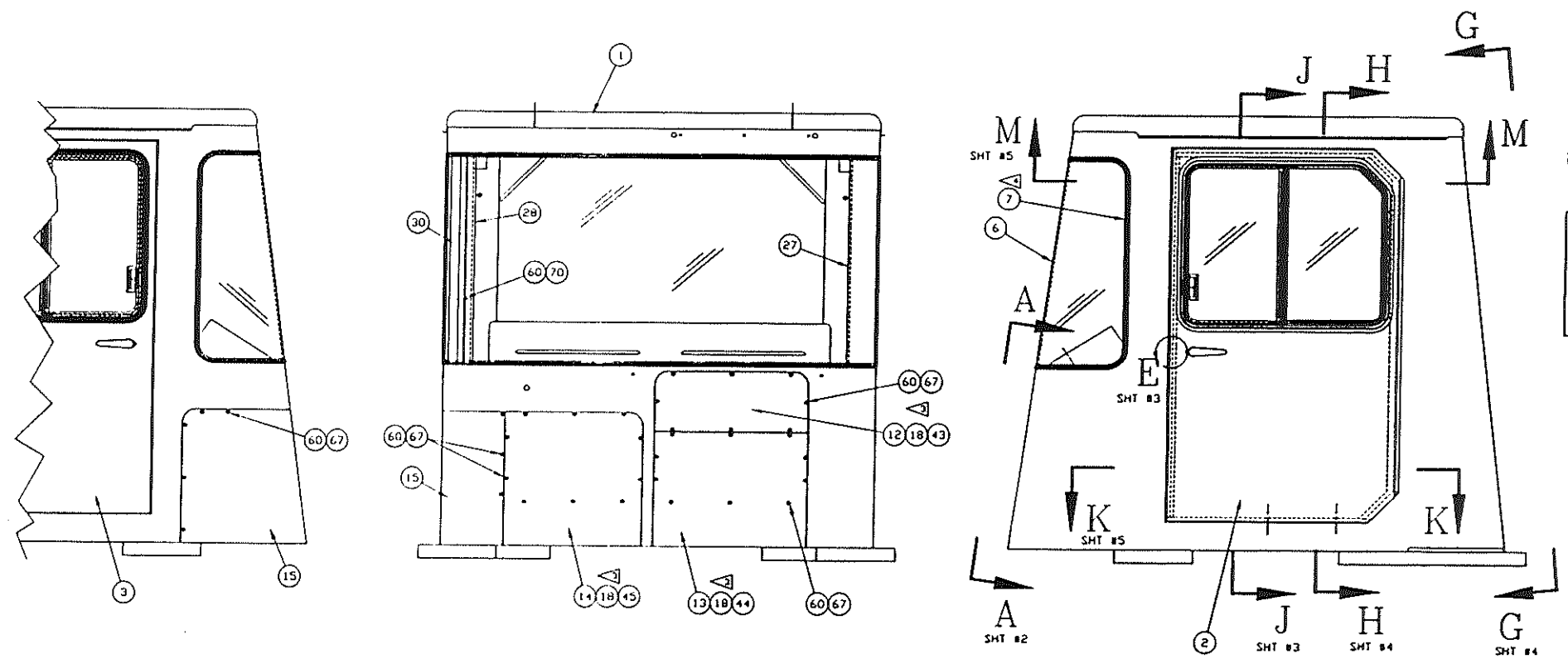
SHEET 1 OF 1

81161K



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83400J



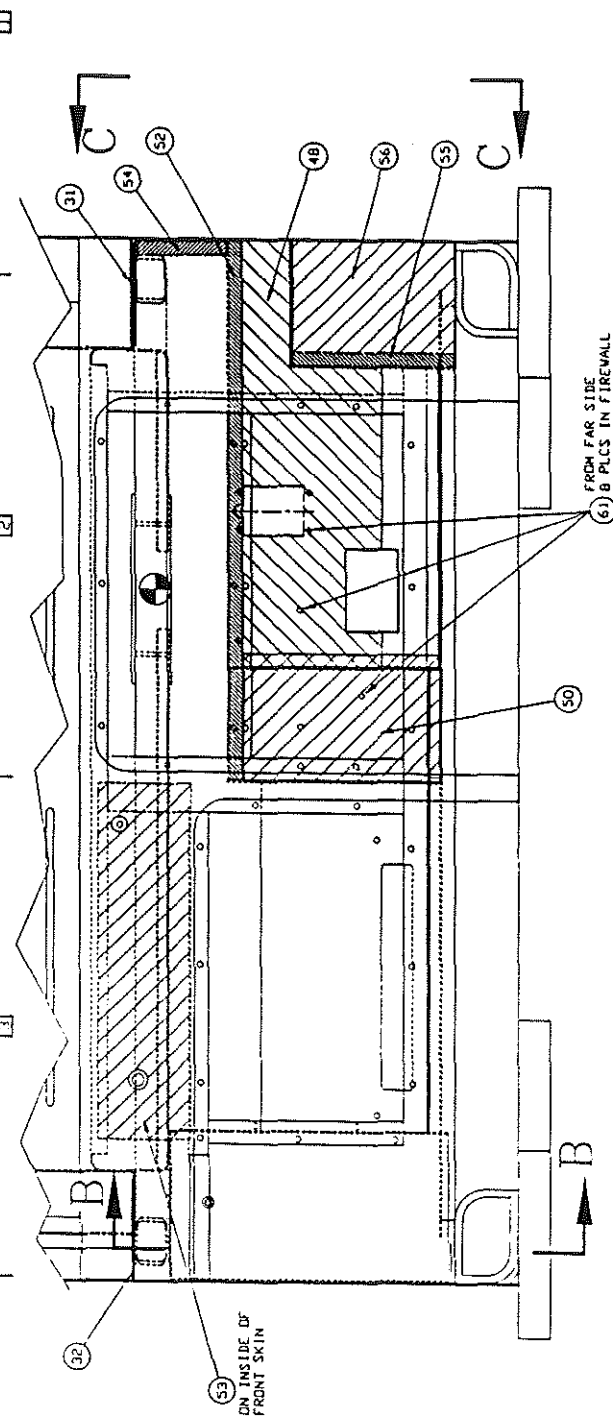
NOTES:

- ▲ INTERIOR TO BE PAINTED GRAY(U/R #53325).
- ▲ EXTERIOR TO BE PAINTED AS DIRECTED ON PURCHASE ORDER.
- ▲ SEE SHEET #5 FOR INSTALLATION OF ITEMS 18, 43, 44, & 45 ONTO ACCESS PANELS
- ▲ USE BLACK SILICONE TO SEAL ALL GAPS BETWEEN MOUNTING WEATHERSTRIP AND METAL OR GLASS.

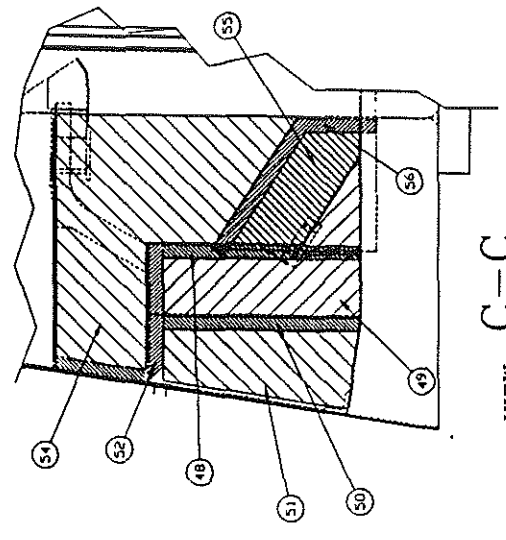
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				UNIT RIG			
REV	DESCRIPTION	DATE	BY	CHKD	APP'D	DATE	DATE
90804	10/98	REDRAWN					
90677	7/98	RELEASE	MHR	MH	G7A		
						T. L. BODEN	
						ROBINSON	
						J. ELLIS	
						10/15/98	83400J

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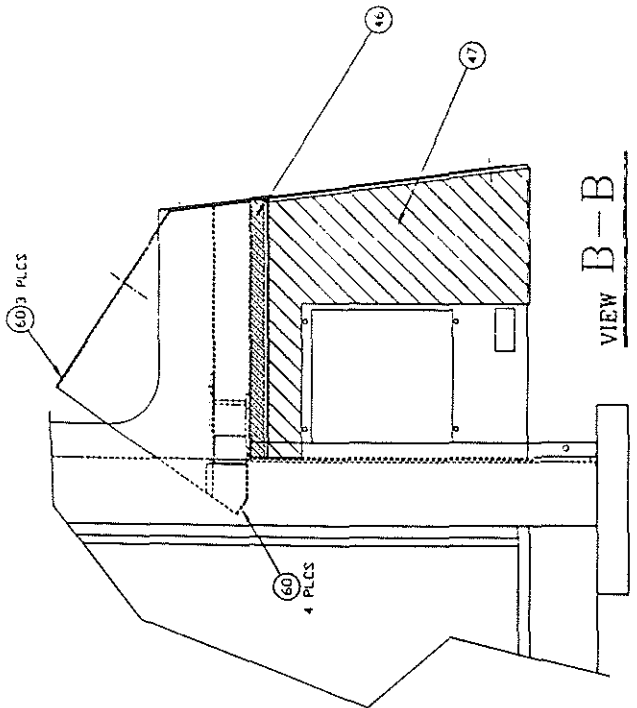
83400J



VIEW A-A



VIEW C-C

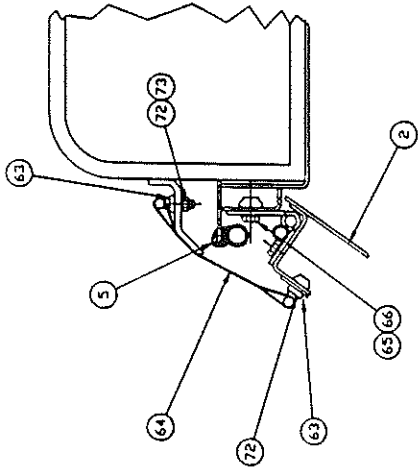


VIEW B-B

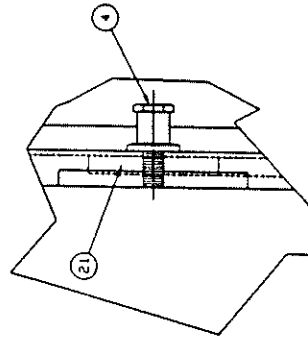
CAB ASSEMBLY W/ROPS		UNIT RIG		2007		83400J	
REV	DATE	BY	CHK	APP	DATE	APP	DATE
RE JI	90804	10/98	REIDRANN				
	90677	7/98	RELEASE	MHR	074	JH	
J. L. DODDEN J. ELLIS 10/15/98							

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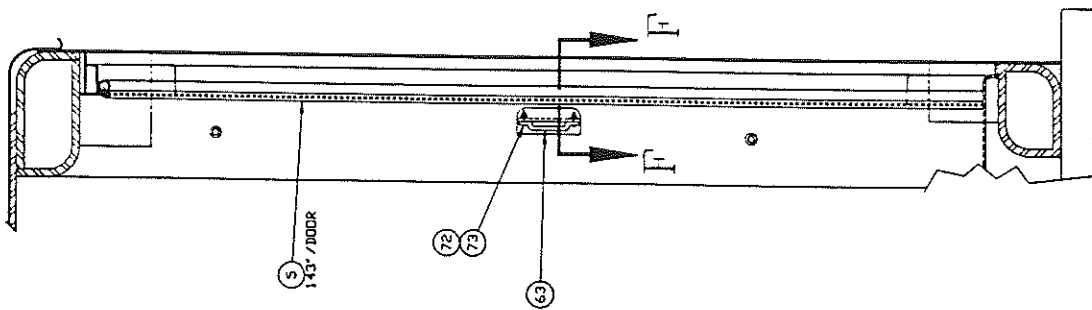
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SEC F-F



VIEW I

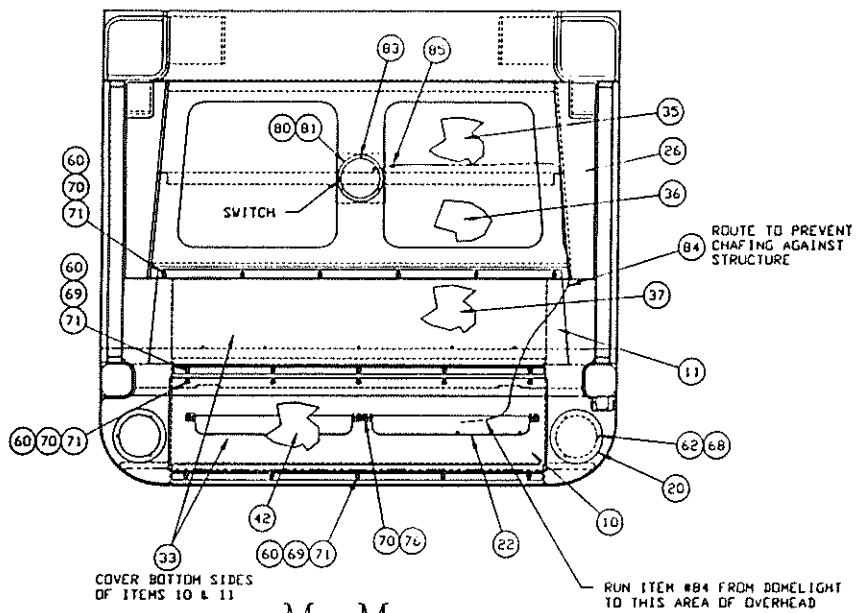


SEC J-J

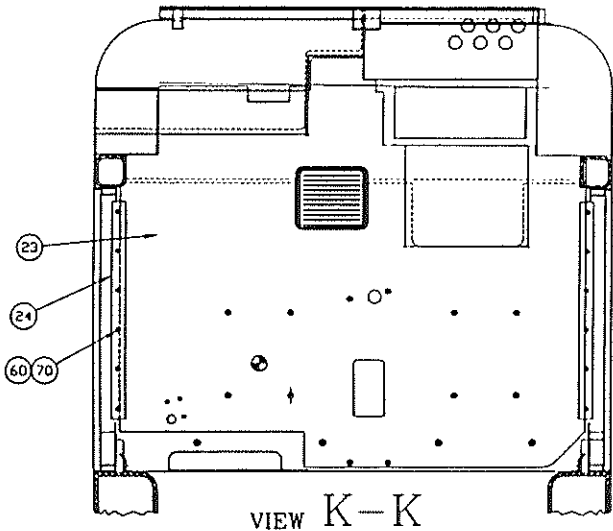
CAB ASSEMBLY W/ROPS		UNIT RIG		83400J	
T. L. DODCH		J. ELLIS		10/15/98	
REV	DATE	BY	CHKD	APP'D	DESCRIPTION
90804	10/98	REURBAN	MM	DTA	
90837	7/98	AHR			

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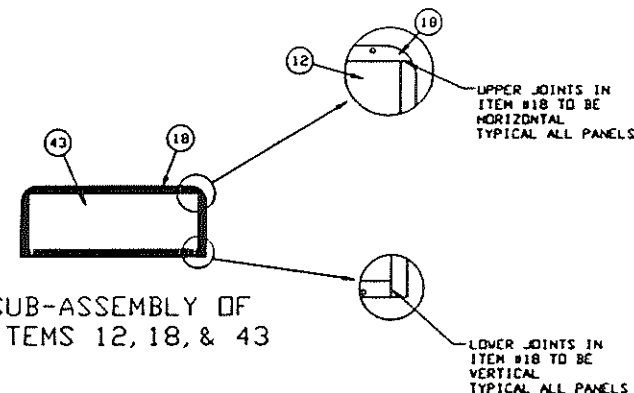
83400J



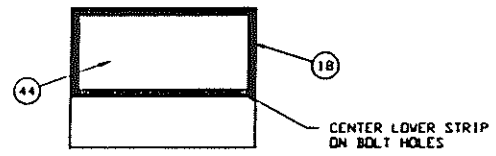
VIEW M-M



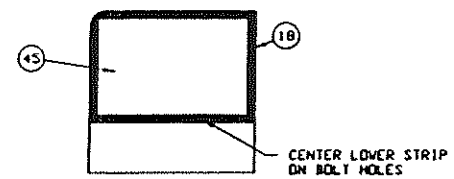
VIEW K-K



SUB-ASSEMBLY OF ITEMS 12, 18, & 43



SUB-ASSEMBLY OF ITEMS 13, 18, & 44



SUB-ASSEMBLY OF ITEMS 14, 18, & 45

REVISIONS				DATE			BY			DESCRIPTION			CAB ASSEMBLY W/ROPS				
RED	90804	10/98	REDRAUN														
	90677	7/98	RELEASE	JMR	MM	074											
										T. L. DODEN			UNIT RIG				
										J. ELLIS			10/15/98				
										5			83400J				

83400T

S

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DR.
T. DODEN
ENG. APP.

REL. CK.

90804
E.N. NO.

ITH	QTY PER ASSY		COMPONENT	DESCRIPTION
001	REF	1	STRUCTURE	ROPS STRUCTURE NOT SOLD SEPARATELY
002		1	* 85081C *	DOOR ASSY, L.H.
003		1	* 85081E *	DOOR ASSY, R.H.
004		2	25825	STRIKER-DOOR
005		286	IN 26690	GASKET, BULK, SLIP ON
006		1	* 84181A *	WINDSHIELD, BENT
007		223	IN 25808	WEATHERSTRIP BULK
008		1	* 84572B *	GLASS, REAR
009		92	IN 25808	WEATHERSTRIP BULK
010		1	85026A	PANEL, ACCESS INSIDE
011		1	85026B	PANEL, ACCESS INSIDE
012	REF	1	PANEL	PANEL, ACCESS CUSTOM FIT, NOT SOLD SEPARATELY
013	REF	1	PANEL	PANEL, ACCESS CUSTOM FIT, NOT SOLD SEPARATELY
014	REF	1	PANEL	PANEL, ACCESS CUSTOM FIT, NOT SOLD SEPARATELY
015	REF	1	PANEL	PANEL, ACCESS CUSTOM FIT, NOT SOLD SEPARATELY
016		1	85028A	COVER, HEATER FILTER
017		1	23602	LATCH-DOOR
018		210	IN 1032440	GASKET 1/8 X 1 FOAM
019		70	IN 56241	SEAL, BULB RUBBER
020		2	85029A	COVER, SPEAKER HOLE
021		2	85086A	RETAINER, STRIKER BOLT
022		2	947358	VISOR
023		1	85087A	MAT, FLOOR
024		2	84594A	PLATE, TRIM FLOOR
025		1	85085A	PANEL, ABS REAR
026		1	85085B	PANEL, ABS TOP
027		1	85085C	COVER, ABS L.H. A-POST
028		1	85085E	COVER, ABS R.H. A-POST
029		4	85085K	RING, ABS FINISH
030		1	85085M	COVER, WIRES ABS
031		1	84299S	UPHOLSTERY, LH FRT
032		1	84299T	UPHOLSTERY, RH FRT
033		6	FT 84429A	TRIM, VINYL W/FOAM
035		1	85083A	INSULATION, ROOF
036		1	85083B	INSULATION, ROOF
037		1	85083C	INSULATION, ROOF
038		1	85083E	INSULATION, BACK
039		1	85083F	INSULATION, BACK
040		1	85083G	INSULATION, BACK
041		1	85083H	INSULATION, BACK
042		1	85083J	INSULATION, ROOF
043		1	85084A	INSULATION, ACCESS PNL

CAB, ROPS W/ABS PNLS



SHEET 6 OF 7
ASSY.
NO. 83400J

*SEE SERVICE PARTS

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83400J

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T. DODEN

ENG. APP.

REL. CK.

90804

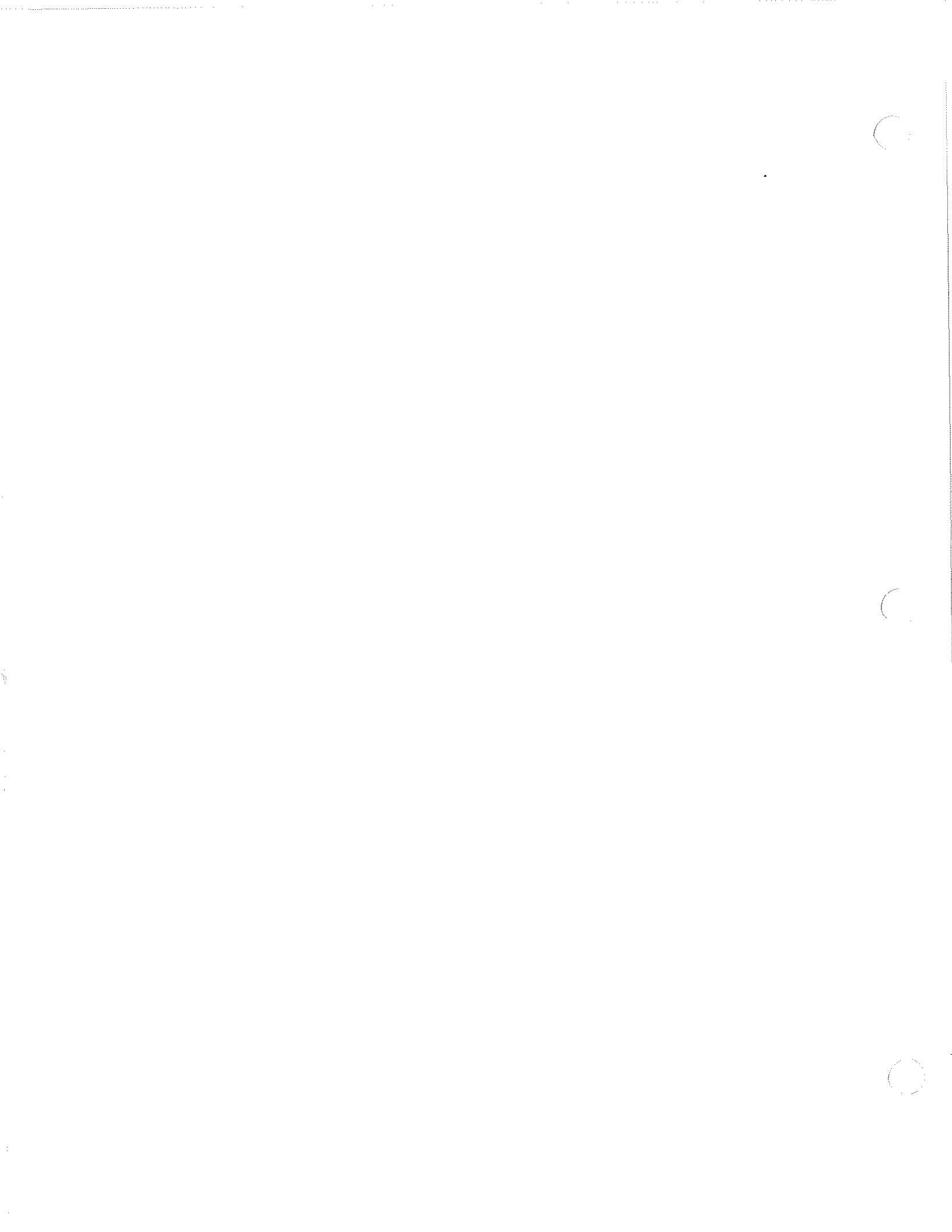
E.N. NO.

ITH	QTY PER ASSY	COMPONENT	DESCRIPTION
044	1	85084B	INSULATION, ACCESS PNL
045	1	85084C	INSULATION, ACCESS PNL
046	1	85084E	INSULATION, R.H. FRT
047	1	85084F	INSULATION, R.H. FRT
048	1	85084G	INSULATION, FIREWALL
049	1	85084H	INSULATION, FIREWALL
050	1	85084J	INSULATION, FIREWALL
051	1	85084K	INSULATION, FIREWALL
052	1	85084M	INSULATION, FIREWALL
053	1	85084N	INSULATION, FRONT
054	1	85084P	INSULATION, L.H. FRT
055	1	85084S	INSULATION, FIREWALL
056	1	85084T	INSULATION, L.H. FRT
057	1	85084U	INSULATION, AIR DUCT
058	1	85084V	INSULATION, AIR DUCT
059	1	85084W	INSULATION, AIR DUCT
060	86	55863	NUT, INSERT, 1/4-20UNC
061	24	55865	NUT, INSERT, 5/16-18UNC
062	6	22603	NUT, INSERT, #6-32UNC
063	4	56107	LOOP, DOORMAN
064	2	85088A	STRAP, DOOR STOP
065	16	10649	CAPSCR, HX, 5/16-18NC X 3/4 GR 5
066	16	10163	WSHR, FL, 5/16 X .687 OD
067	36	26895	SCR, MACH, TRH, 1/4-20NC X 5/8 GR 2, PHL H
068	6	26151	SCR, MACH, RHD, 6-32NC X 1/2 GR 2
069	11	52323	SCR, MACH, PNH, 1/4-20NC X 1/2 GR 2
070	18	52322	SCR, MACH, PNH, 1/4-20NC X 3/4 GR 2
071	21	10162	WSHR, FL, 1/4 X 0.625 OD
072	8	19593	SCR, MACH, FH, 1/4-20NC X 1 GR 2
073	4	15675	NUT-HX, CRNLK 1/4-20NC STD GR B
075	6	10001	CAPSCR, HX, 1/4-20NC X 3/4 GR 5
076	8	15675	NUT-HX, CRNLK 1/4-20NC STD GR B
080	1	52498	LIGHT-DOME
081	1	947118	LAMP-DOME
083	3	56247	SCREW, SELF-DRILLING #8-18 X 1/2 PHIL, PAN HD, #3 POINT ZINC
084	8	FT 24582	CABLE #18AWG
085	1	20691	TERMINAL-BUTT SPLICE 22-16 AWG

CAB, ROPS W/ABS PNLS



SHEET 7 OF 7
ASSY.
NO. 83400J



A83419

VIEW	SHEET
A-A	2
B-B	5
C-C	6
E-E	7

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DR.
 MARTENS
 ENG. APP.
 T. DODEN
 REL. CK.
 ELLIS

90676

90203

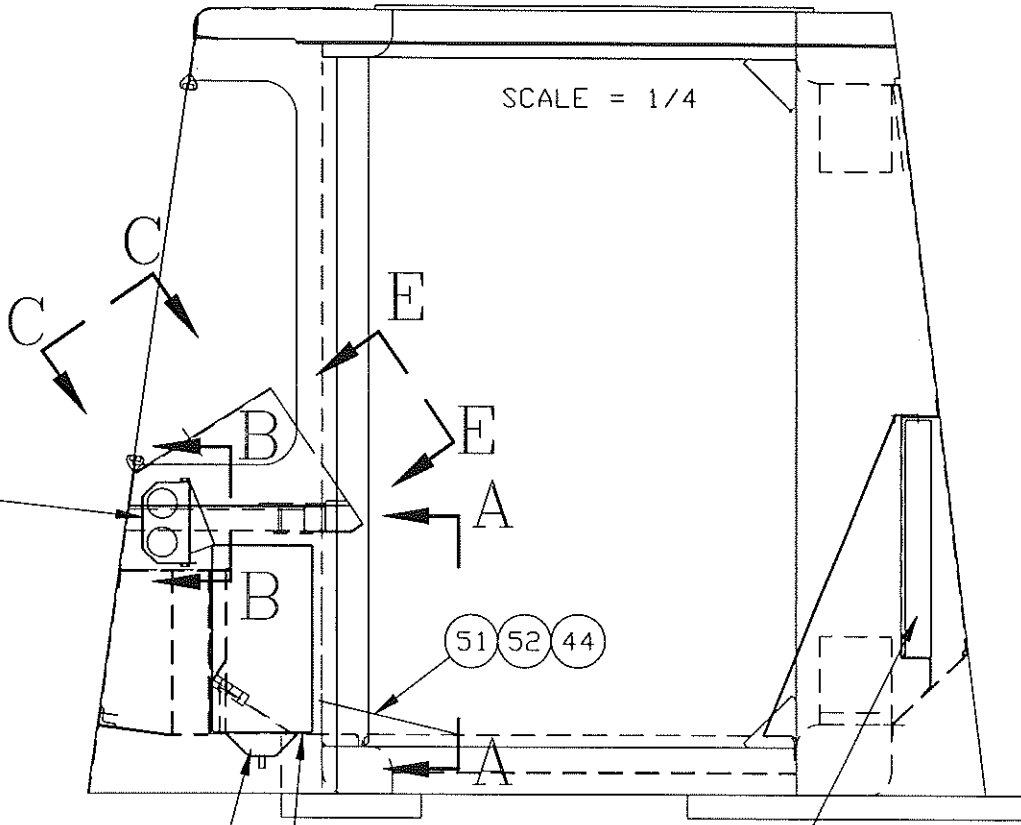
90001

631

88806

87314

E.N. NO.
85798



44 SEAL BETWEEN
 FLOOR AND ITEM #1

1 31 ALIGN FRESH AIR VENT IN ITEM 1
 WITH AIR DUCT IN CAB. INSTALL
 USING ITEM 31.

NOTE: FOR UNIVERSAL ROPS CAB.



HEATER ASSY.

SHEET 1 OF 7

A83419

A83419

AVERT

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ENG. APP.

REL. CK.

90676

90203

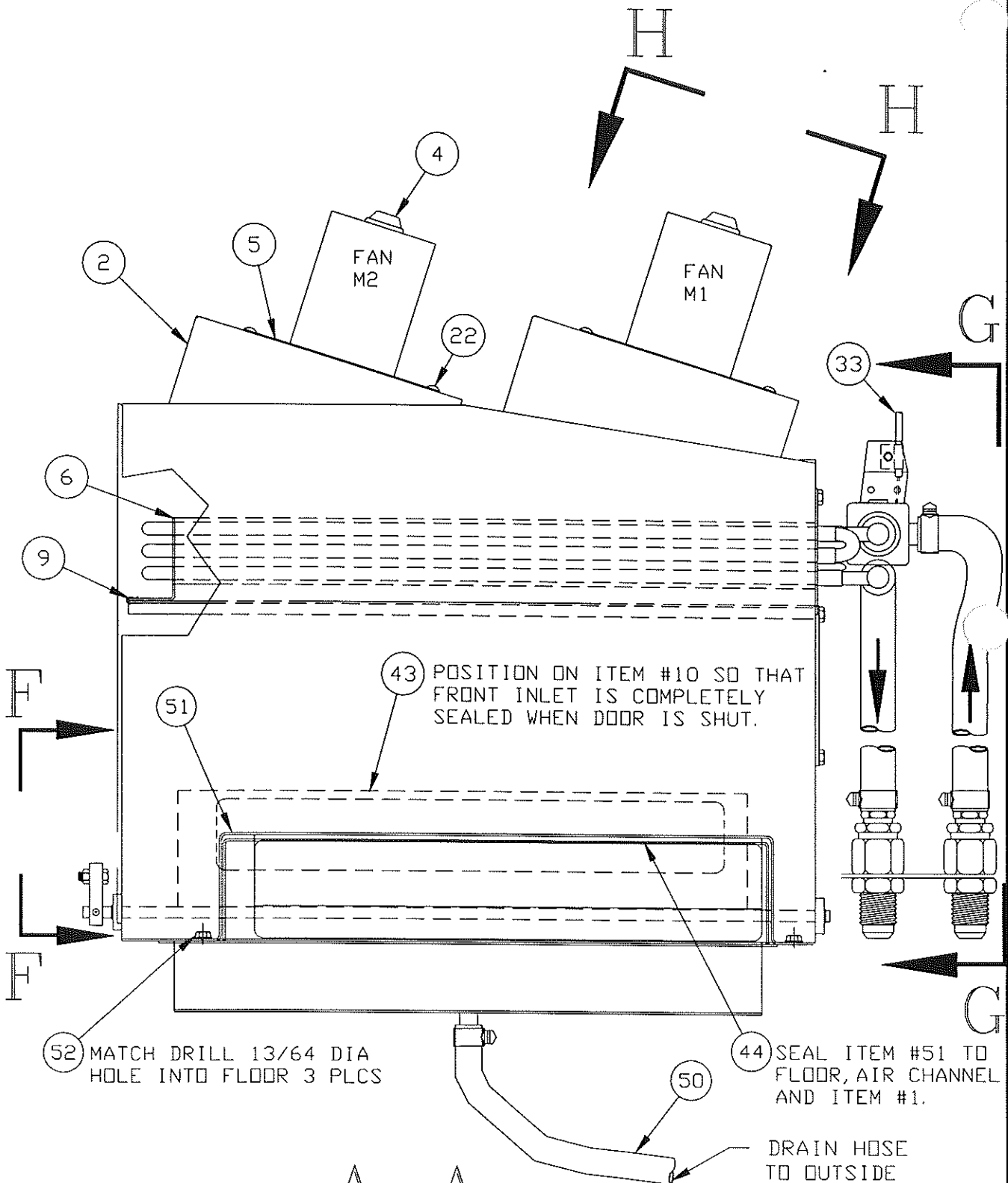
90001

89631

88806

87314

E.N. NO. 85798



VIEW A-A



HEATER ASSY.

SHEET 2 OF 7

A83419

A83419

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90676

90203

90001

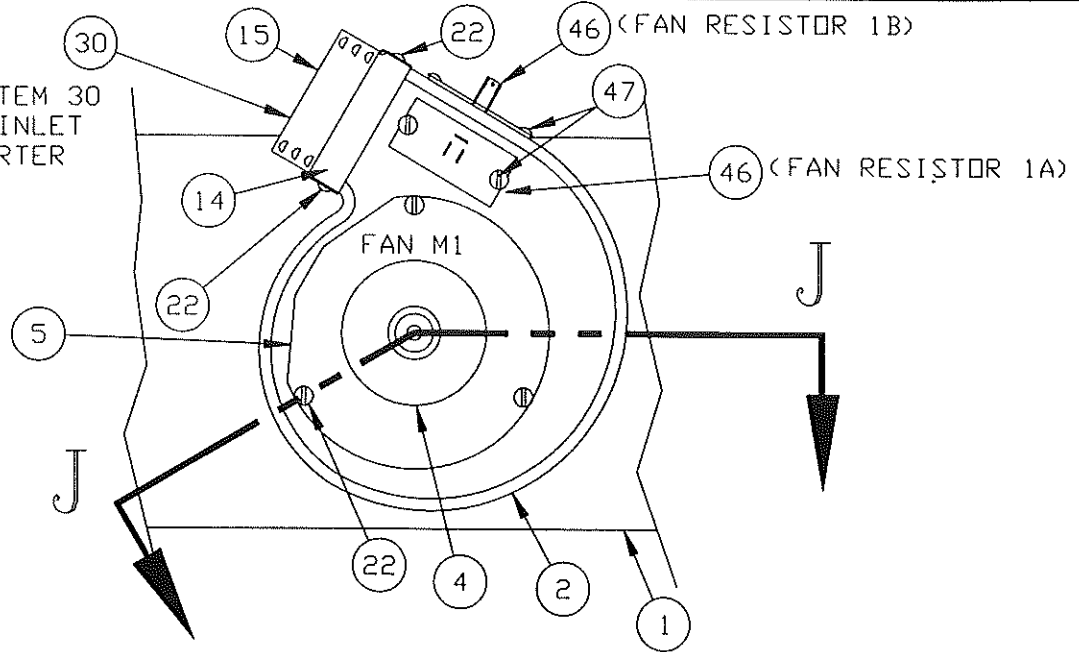
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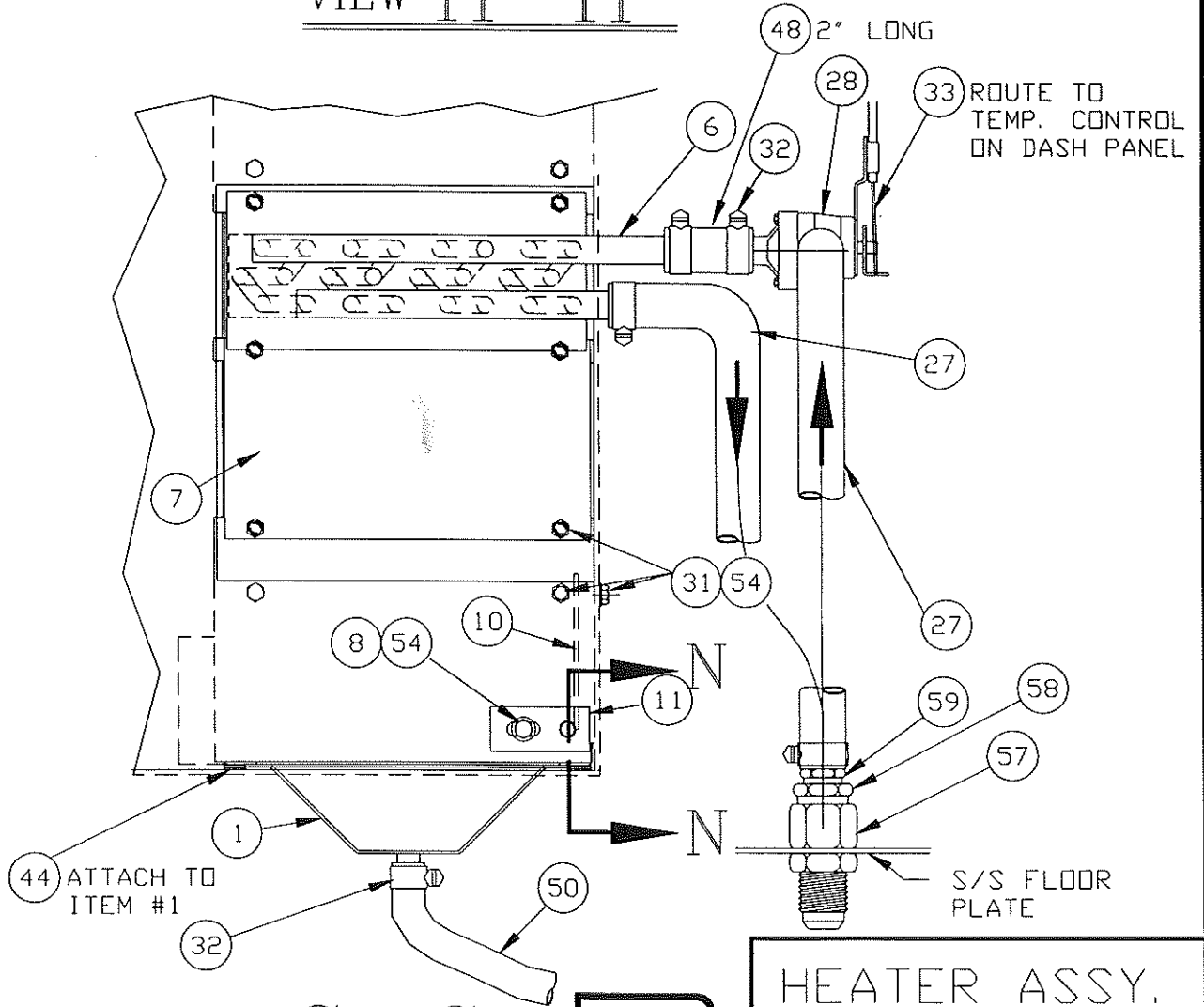
87314

E.N. NO.
85798

NOTE:
ROUTE ITEM 30
TO AIR INLET
ON DIVERTER
BOX.



VIEW H-H



SEC G-G



HEATER ASSY.

SHEET 3 OF 7

A83419

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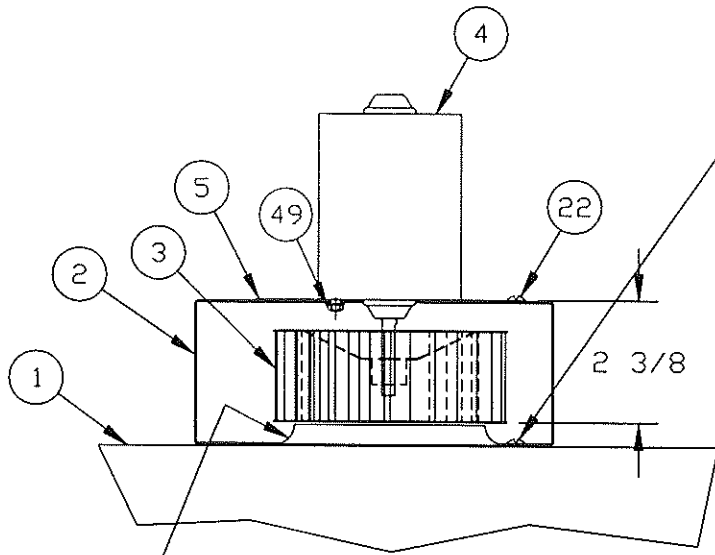
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 ENG. APP.
 REL. CK.

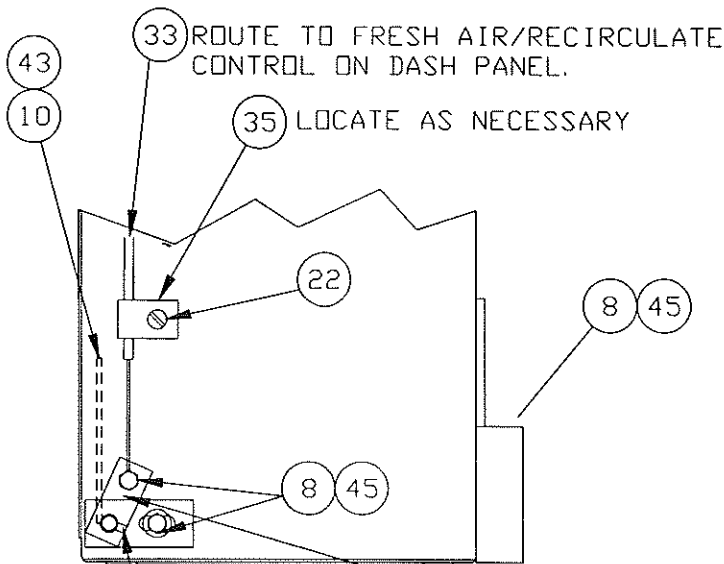
90676
 90203
 90001
 89631
 88806
 87314
 E.N. NO. 85798



22 ENLARGE HOLES ON THIS SIDE OF ITEM 2 TO 3/16 DIA. (TYP 3 PLCS.)

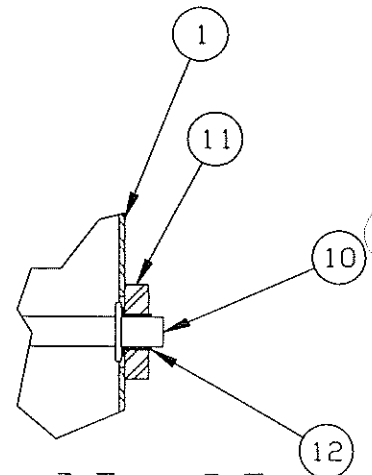
2 INSTALL VENTURI RING (PART OF ITEM 2) WITH LIP UP AS SHOWN.

VIEW J-J



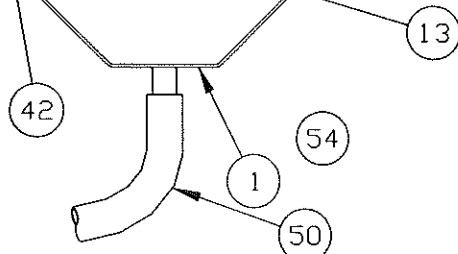
33 ROUTE TO FRESH AIR/RECIRCULATE CONTROL ON DASH PANEL.

35 LOCATE AS NECESSARY



VIEW N-N

(1/2 SCALE)
 (TYP. 2 PLCS.)



13 POSITION SO THAT DOOR (ITEM 10) CLOSES EVENLY OVER INTAKE OPENING WHEN CABLE (ITEM 33) IS FULLY RETRACTED. (CONTROL IS IN FRESH AIR POSITION.)

VIEW F-F



HEATER ASSY.

SHEET 4 OF 7

A83419

A83419

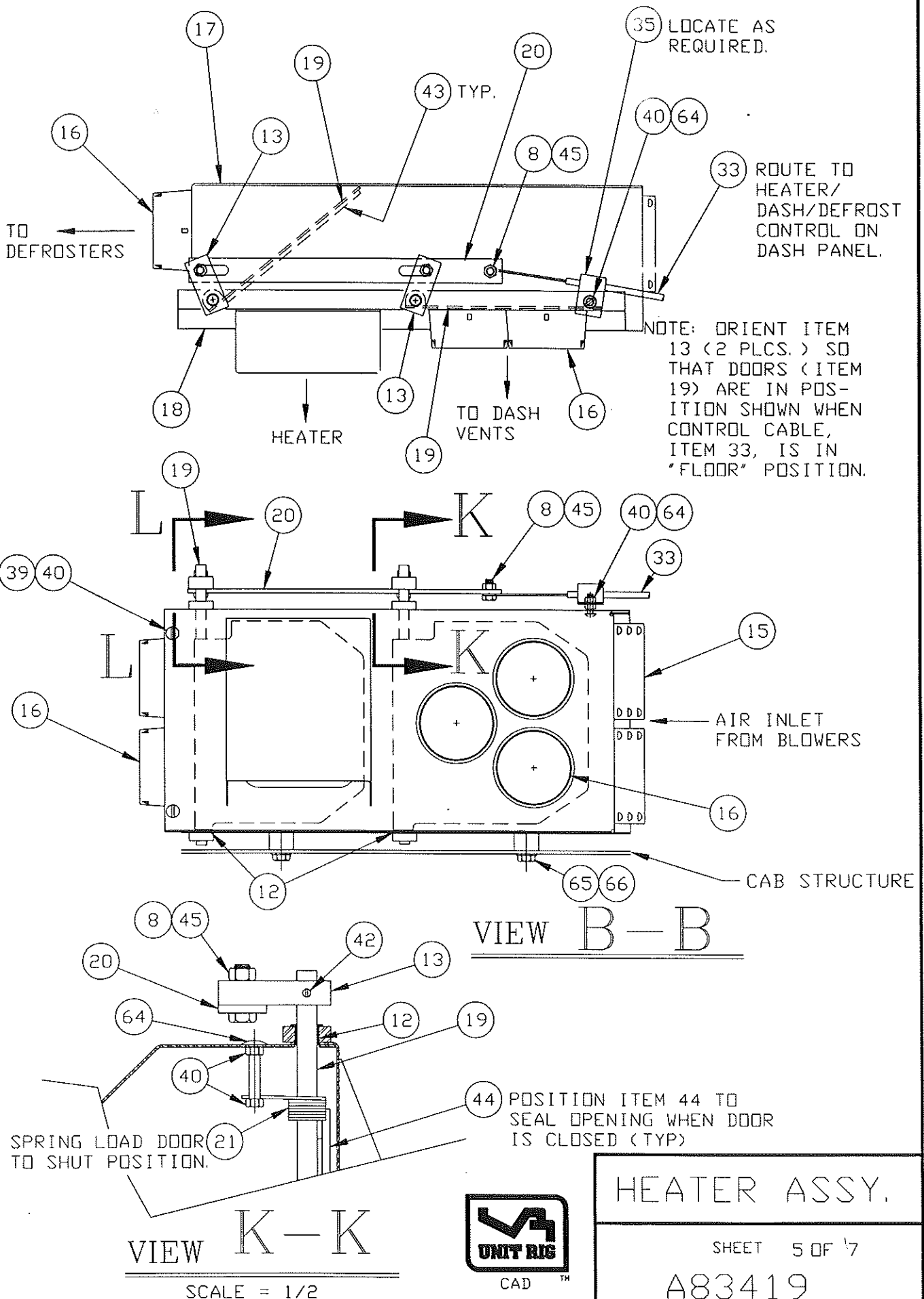
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REL. CK.



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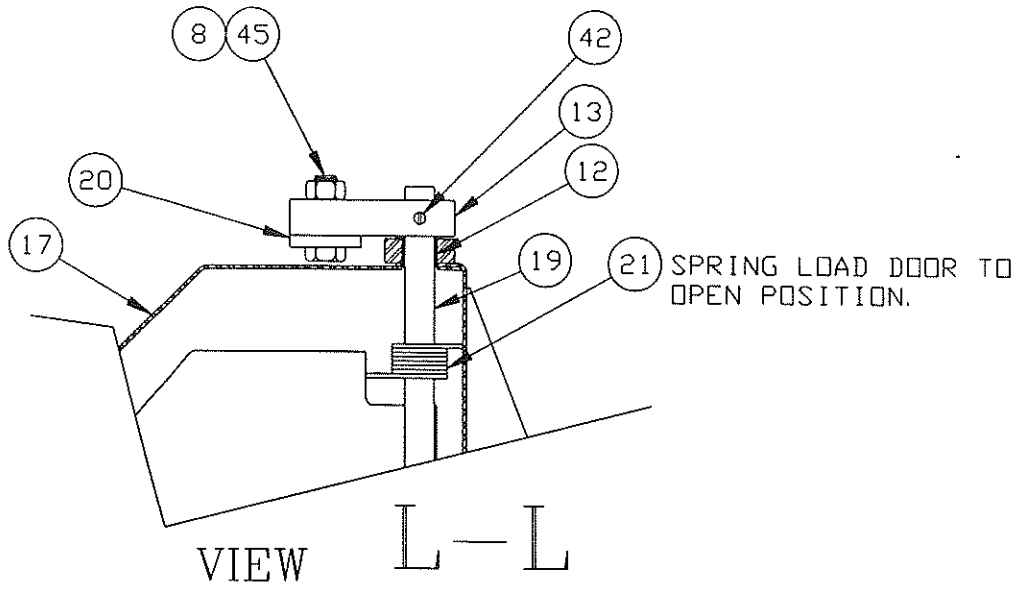
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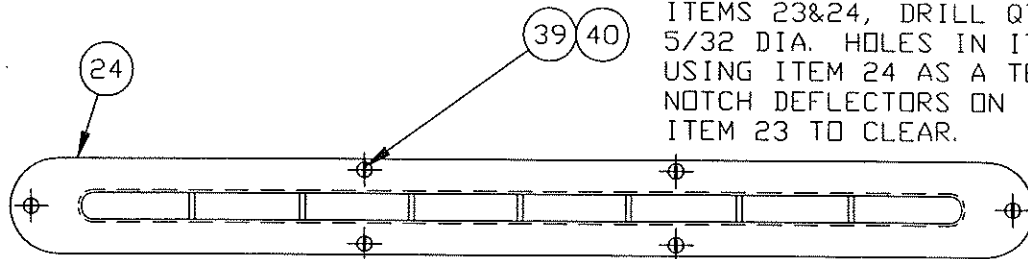
DR.
MARTENS
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E.N. NO.
85798



SCALE = 1/2

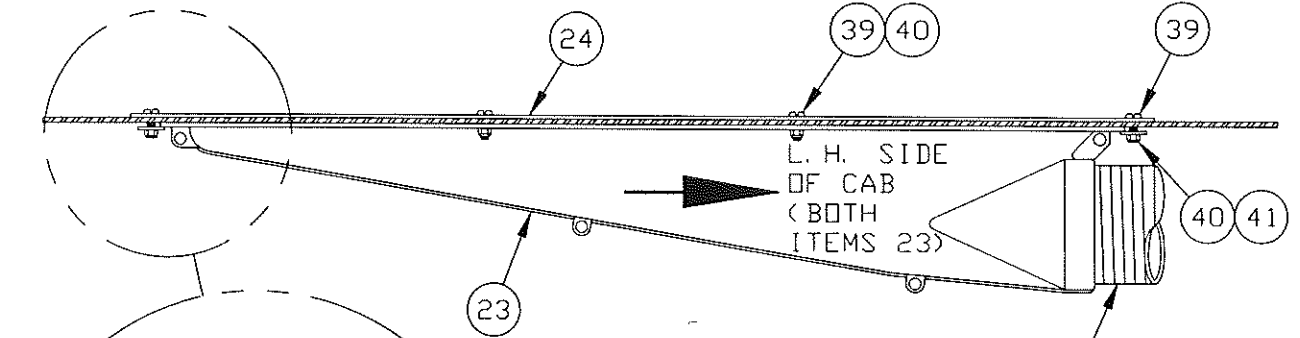
21 SPRING LOAD DOOR TO OPEN POSITION.



NOTE: BEFORE INSTALLATION OF ITEMS 23&24, DRILL QTY. 4 5/32 DIA. HOLES IN ITEM 23 USING ITEM 24 AS A TEMPLATE. NOTCH DEFLECTORS ON INSIDE OF ITEM 23 TO CLEAR.

M

M



L.H. SIDE OF CAB (BOTH ITEMS 23)

29 ROUTE TO DEFROST OUTLET ON DIVERTER BOX (TYP)



CAD

HEATER ASSY.

SHEET 6 OF 7

A83419

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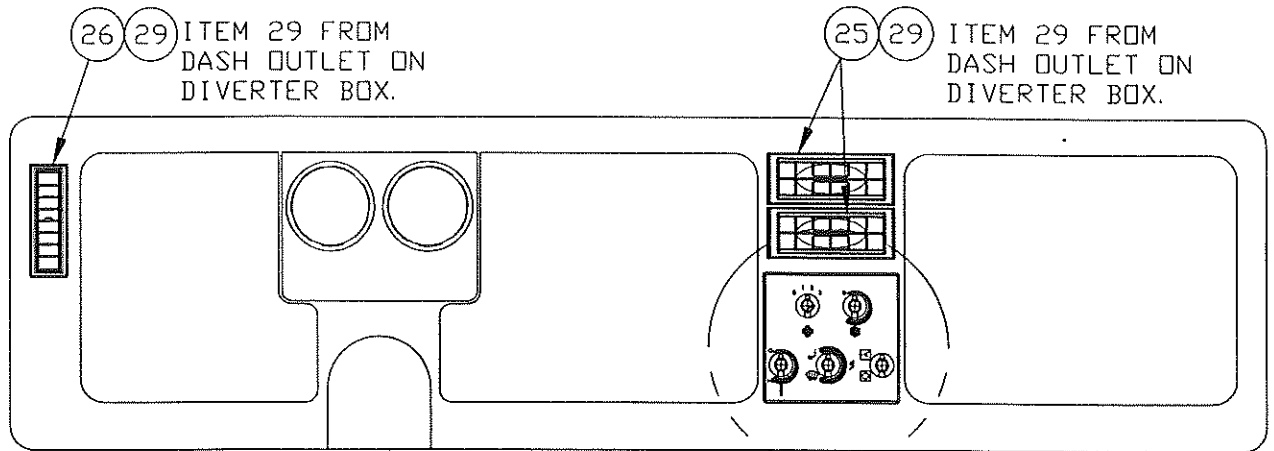
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87314

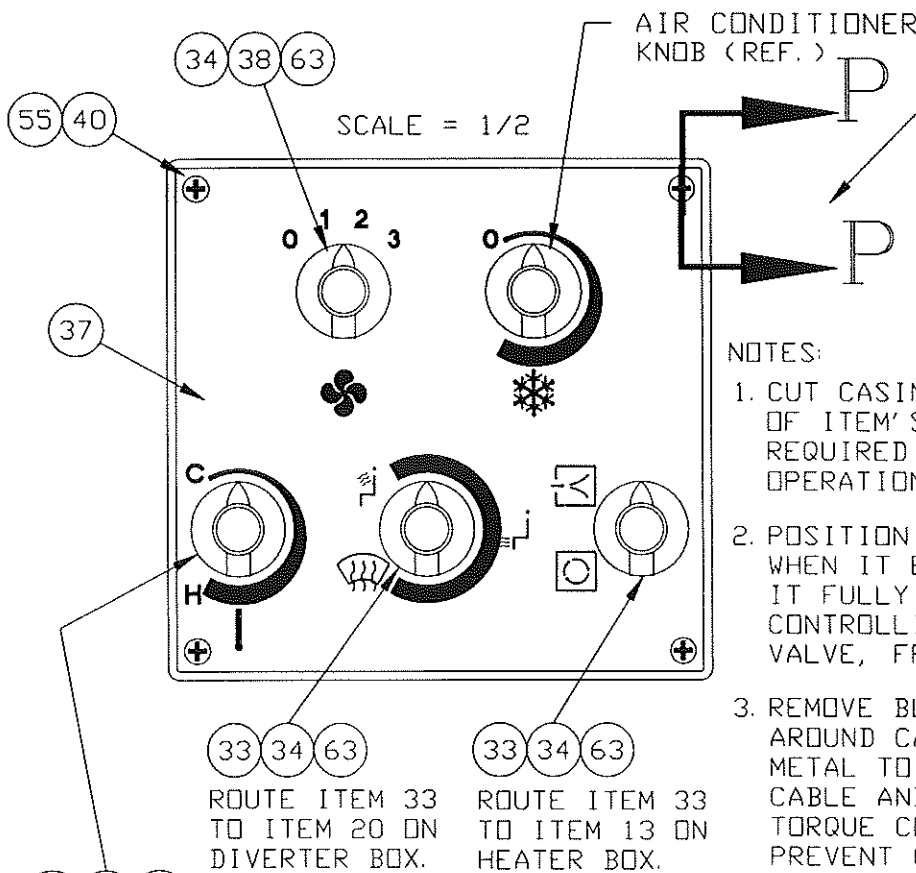
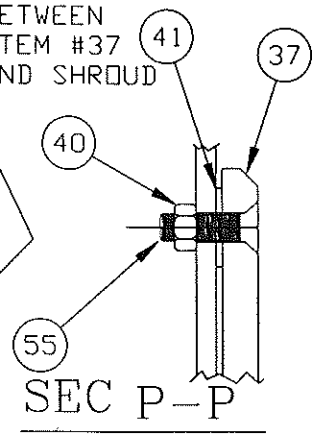
E.N. NO. 85798



VIEW E-E

SCALE = 1/8

BETWEEN ITEM #37 AND SHROUD



SCALE = 1/2

AIR CONDITIONER KNOB (REF.)

NOTES:

1. CUT CASING AND WIRE OF ITEM'S #33 TO LENGTH REQUIRED FOR EASIEST OPERATION.
2. POSITION CABLE (ITEM 33) SO THAT WHEN IT EXTENDS AND RETRACTS IT FULLY OPENS AND CLOSES THE CONTROLLING UNIT (I. E. HEATER VALVE, FRESH AIR DOOR).
3. REMOVE BLACK VINYL COVERING AROUND CABLE ENDS TO ASSURE METAL TO METAL CONTACT BETWEEN CABLE AND MOUNTING CLAMPS. TORQUE CLAMPS PROPERLY TO PREVENT CABLE FROM SLIPPAGE WHILE OPERATING CONTROLLER UNIT.

ROUTE ITEM 33 TO HEATER VALVE, ITEM 28.

ROUTE ITEM 33 TO ITEM 20 ON DIVERTER BOX.

ROUTE ITEM 33 TO ITEM 13 ON HEATER BOX.

HEATER ASSY.

SHEET 7 OF 7

A83419



CAD™

ITEM	QTY PER ASSY	COMPONENT	DESCRIPTION
001	1	83414A	BOX, HEATER/AIR COND
002	2	83424C	HOUSING, BLOWER W/HOLES FOR 2 RESISTORS
003	2	83426A	WHEEL, BLOWER
004	2	100943B	MOTOR
005	2	83428A	PLATE, MOTOR MOUNTING
006	1	83417A	CORE, HEATER
007	1	83423A	COVER PLATE
008	6	10001	CAPSCR, HX, 1/4-20NC X 3/4 GR 5
009	2	53656	RETAINER CLIP
010	1	83416B	DOOR, AIR INTAKE
011	2	83415A	BLOCK, BUSHING
012	6	1022253	BUSHING, NYLINER W/FLANGE, 5/16 I.D. 3/8 O.D. 1/2 O.D. FLNG
013	3	83412A	LEVER, DIVERTER
014	2	83413A	ADAPTER, BLOWER OUTLT
015	4	83421B	ADAPTER, 3" DUCT
016	5	83421A	ADAPTER, 2-1/2" DUCT
017	1	83408B	BACK, DIVERTER
018	1	83409C	FRONT, DIVERTER
019	2	83410B	DOOR, DIVERTER
020	1	83411B	LINK, DIVERTER
021	2	53915	SPRING, TORSION
022	17	1032392	SCR, TAP, TRHD, #8 X 1/2 TYP AB CAD PL
023	2	53652	DUCT, DEFROSTER
024	2	53653	OUTLET, DEFROSTER
025	2	53654	OUTLET, DASH AIR
026	1	53655	OUTLET, DASH AIR
027	2	1000488	ELBOW
028	1	1000924	VALVE, HEATER
029	120	IN 1009430	HOSE, DEFROSTER
030	30	IN 1100358	HOSE-DEFROSTER, 3"
031	12	14330	CAPSCR, HX, 1/4-20NC X 1/2 GR 5
032	7	18389	CLAMP HOSE
033	3	1002137	CABLE ASSY
034	4	1009428	KNOB
035	2	1000387	CLAMP, MOUNTING
036	2	1009435	CABLE RETAINER
037	1	83553E	PANEL, HEATER CONTROL
038	1	26908	SWITCH BLOWER
039	19	21985	SCR, MACH, FNH, 8-32NC X 1/2 GR 2
040	27	25128	NUT-LOCK HX(8-32NC)
041	8	52366	WSHR, FL, #8 X .562 OD
042	3	901647	SCR, SET, SKT 10-24NC

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7/16/78

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 ENG. APP. *WFR*
 REL. CK. *Ellis*

90676
 90203
 E.N. NO.

HEATER ASSY, ROF'S CAB
 SHEET 1 OF 2
 ASSY.
 NO. A83419C



A83419C

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ITM	QTY PER ASSY		COMPONENT	DESCRIPTION
043	52	IN	1032195	X 1/4 GR 2, CUP POINT SPONGE 1/4X2
044	1	RL	25262	TAPE, INSULATION 2"
045	4		52357	NUT, HX, JAM, 1/4-20NC STL GR 2
046	4		56117	RESISTOR, BLOWER SPD
047	8		15875	SCR, MACH, RH 10-32NF X 3/8 GR 2
048	100	IN	25962	HOSE BULK 5/8 I.D.
049	4		12867	NUT HEX 10-32
050	50	IN	1018812	HOSE, PUSH-ON
051	1		83666B	CONNECTOR, AIR DUCT
052	3		1032002	SCR, TAP, HEXHD, 1/4 X 1/2 TYP AB, EG
053	1		1004320	FILTER, AIR
054	10		10162	WSHR, FL, 1/4 X 0.625 OD
055	4		53806-05	SCR, MACH, FH, 8-32NC X 5/8 GR 2, PHL H BLK OXD
057	2		27796	ADAPTER, BULKHD STR #12 JIC, MALE X 3/4 NPTF, FEMALE
058	2		17161	BUSH, 3/4X1/2NPT MI 150PSI HEX
059	2		25691	FITTING-BARBED
063	4		26888	NUT, JAM, 7/16-28 UNEF-2A (EXTRA FINE THD)
064	2		1032047	SCR, MACH, FNH, 8-32NC X 3/4 GR 2
065	2		17845	CAPSCR, HX, 5/16-18NC X 1/2 GR 5
066	2		10179	WSHR, LK, HELI, 5/16 X .586 OD
099	REF		A83419	DWG ONLY, HEATER ASSY

W/REVISED FAN SPEEDS

55



62

DR.

T. BODEN
ENC. APP.

REL. CK.

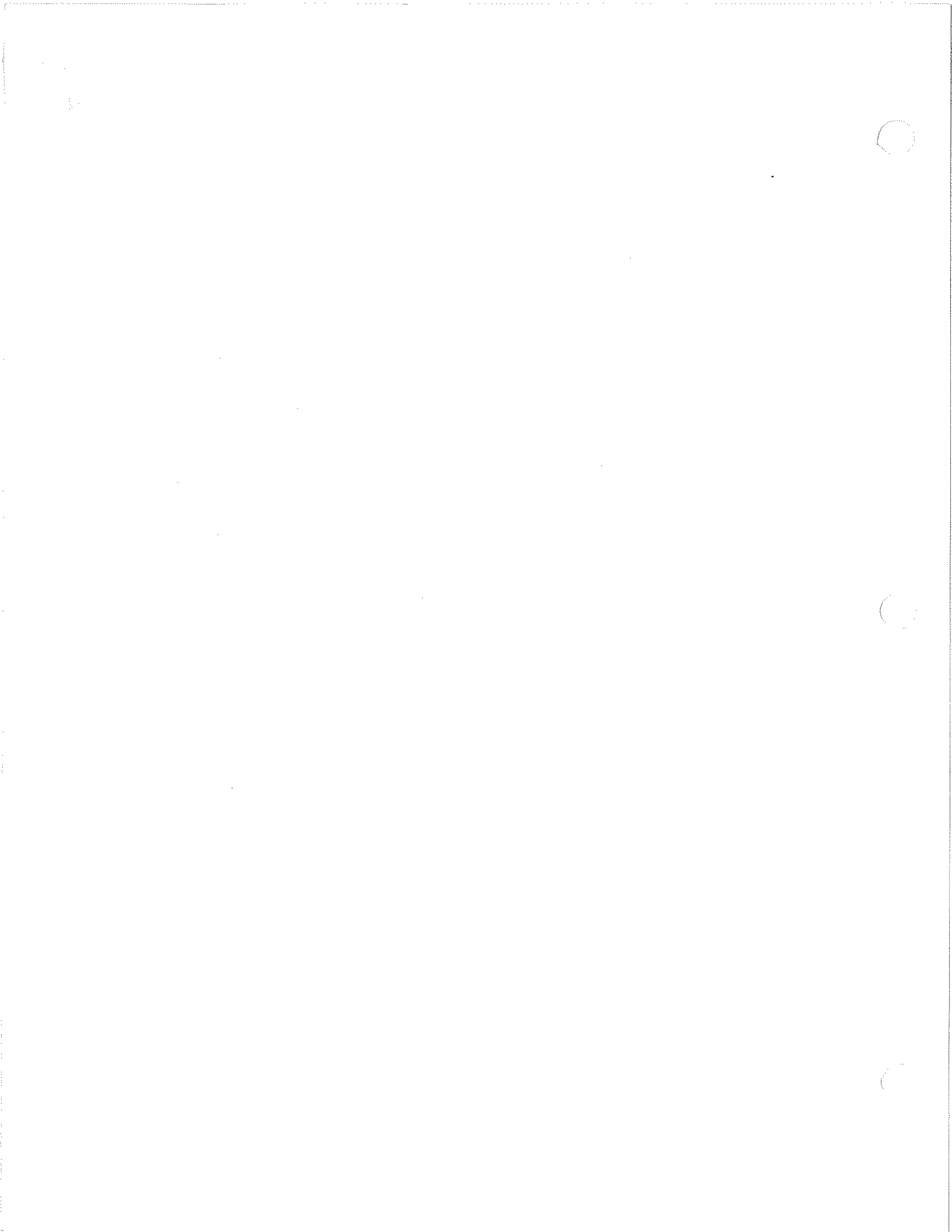
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E.N. NO.



HEATER ASSY, ROPS CAB

SHEET 2 OF 2
ASSY.
NO. A83419C



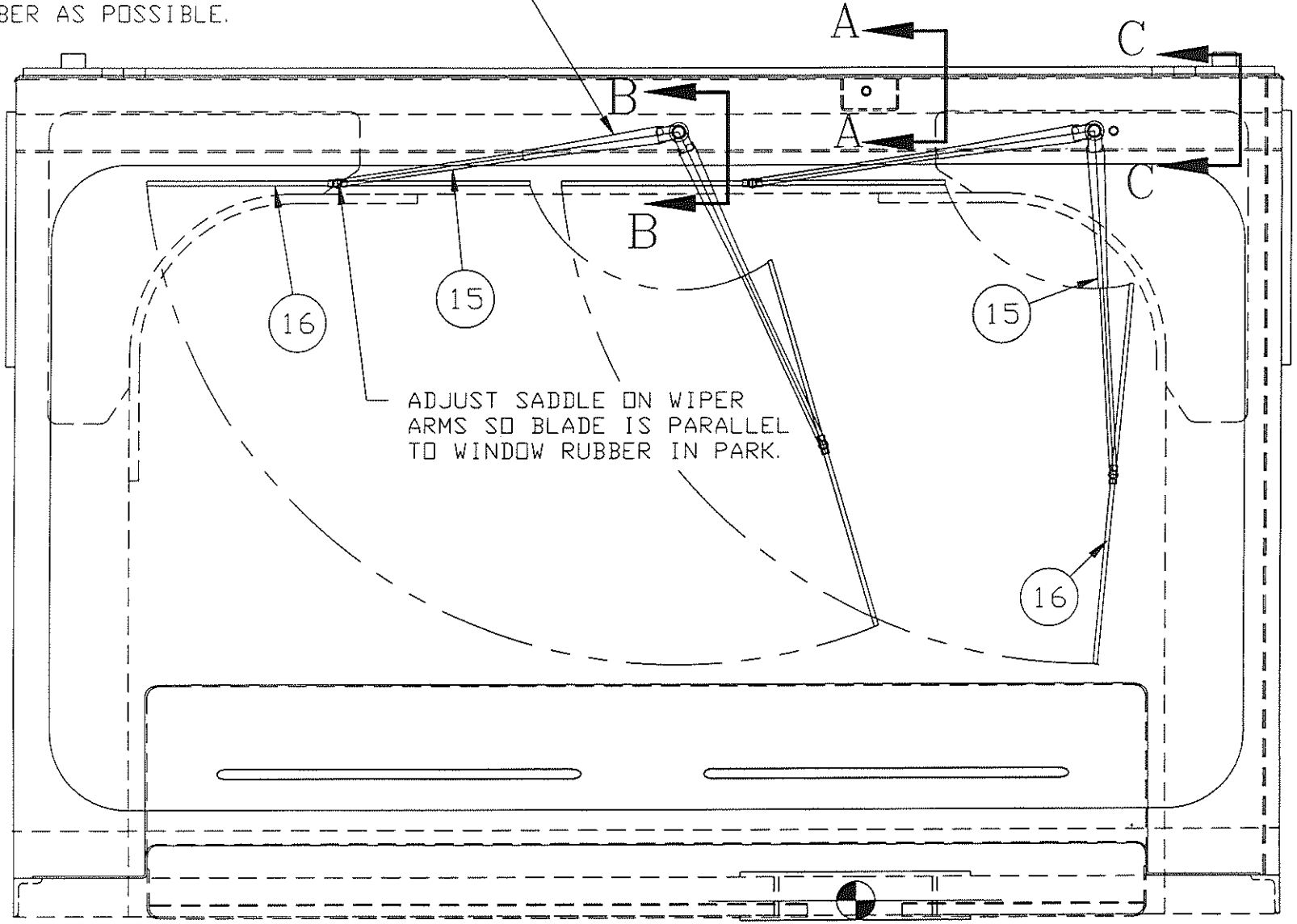
86059
E.N. NO.
483
87359
89507

DR: T. DODDEN
ENG APP: MARTENS
REL. CK: LOWE

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A83432

WITH MOTOR IN PARK, POSITION WIPER
ARMS WITH BLADES AS CLOSE TO WINDOW
RUBBER AS POSSIBLE.



ADJUST SADDLE ON WIPER
ARMS SO BLADE IS PARALLEL
TO WINDOW RUBBER IN PARK.



WINDSHIELD WIPER ASSY

SHEET 1 OF 3
A83432

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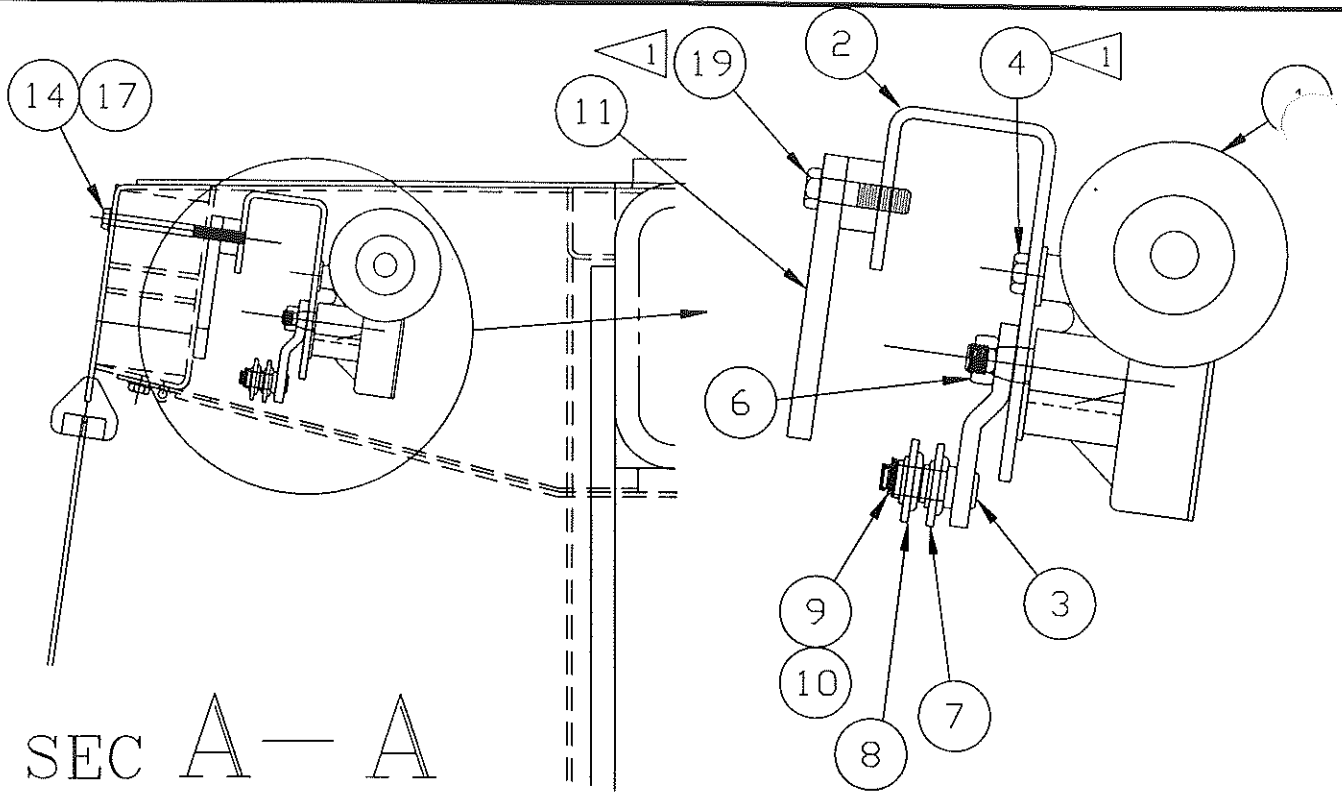
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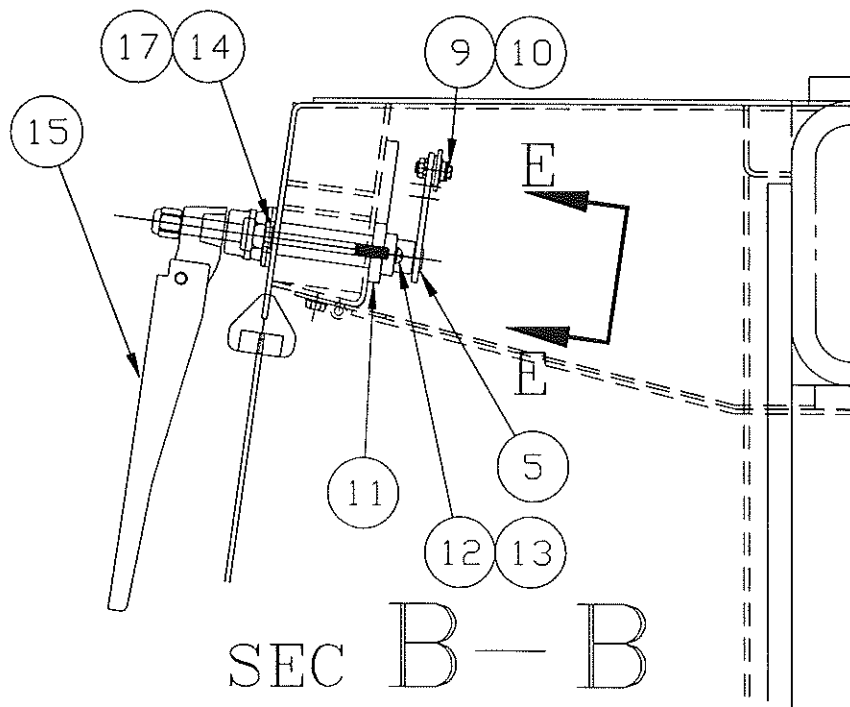
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E.N. NO.

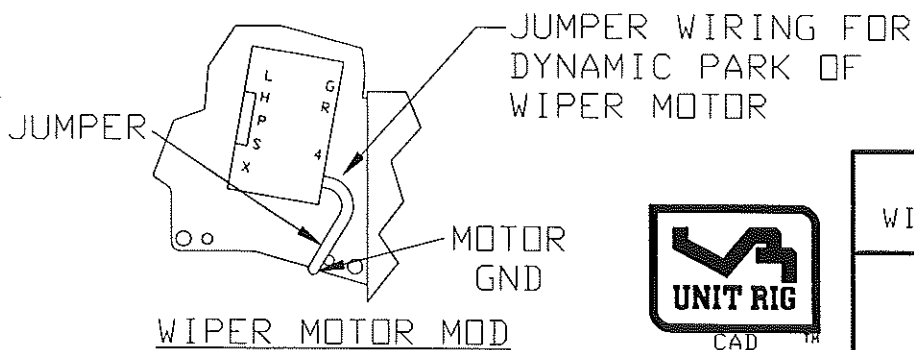


SEC A - A



SEC B - B

1 INSTALL WITH LOCTITE

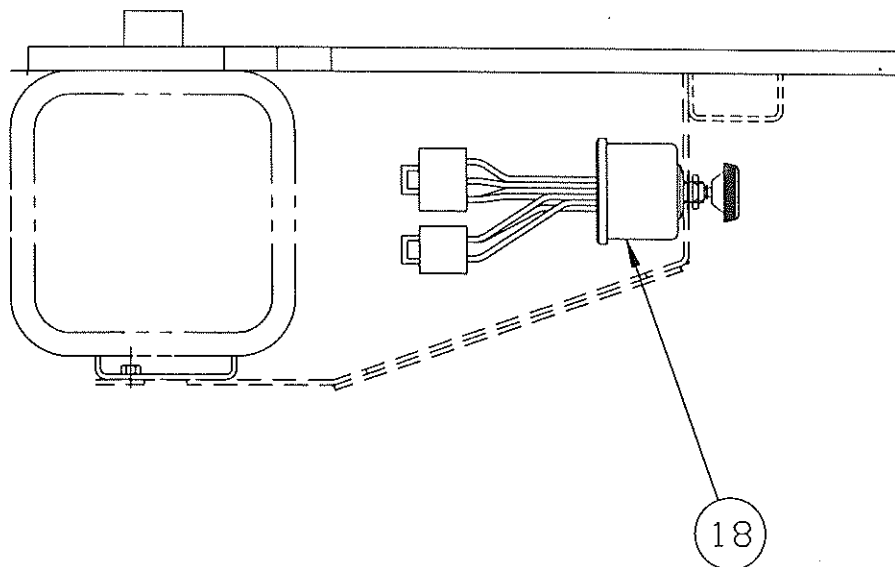


WINDSHIELD WIPER ASSY

SHEET 2 OF 3
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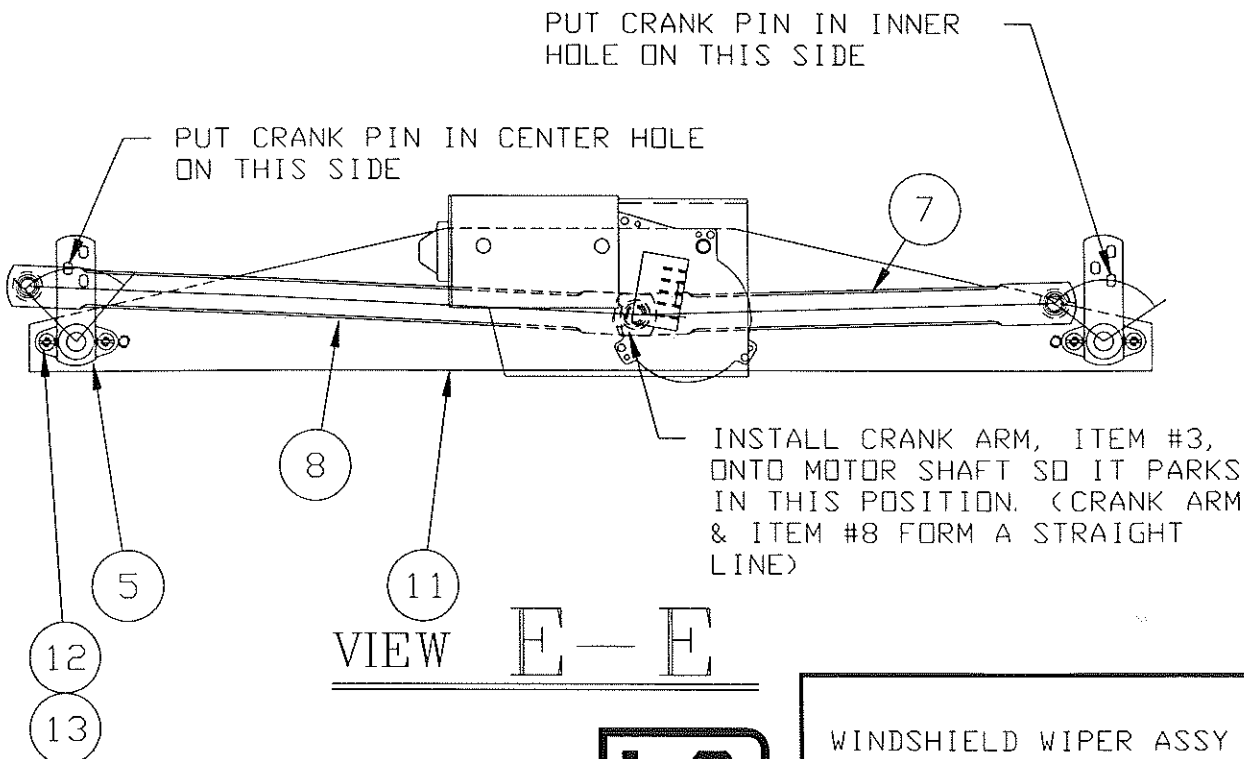
A83432



SEC C - C

PUT CRANK PIN IN INNER
 HOLE ON THIS SIDE

PUT CRANK PIN IN CENTER HOLE
 ON THIS SIDE



VIEW E - E



WINDSHIELD WIPER ASSY

SHEET 3 OF 3
 A83432

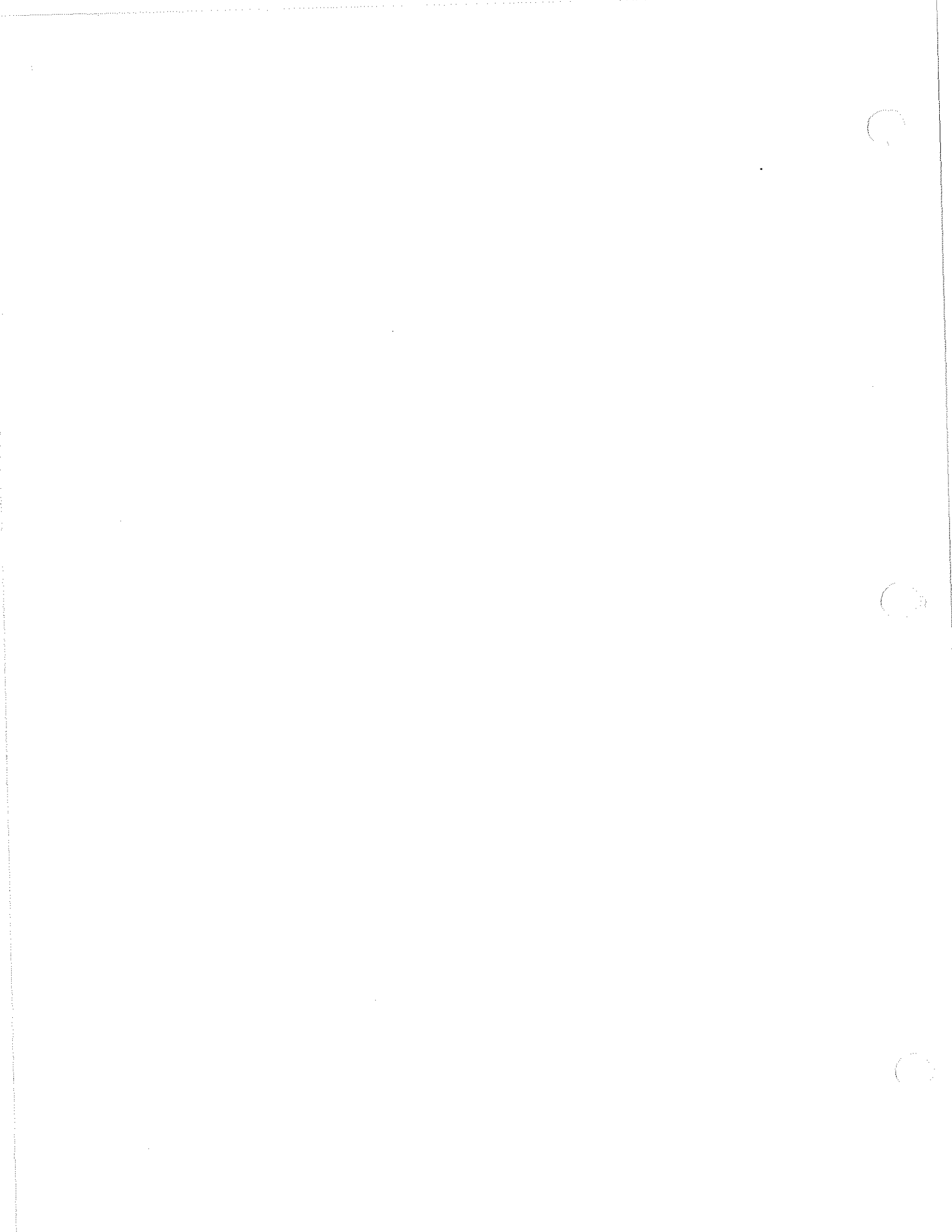
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5/8/96

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ITM	QTY PER ASSY	COMPONENT	DESCRIPTION
001	1	53636	MOTOR-WIPER
002	1	27452	BRACKET WIPER MOTOR
003	1	55945	ARM, CRANK MOTOR
004	3	16412	CAPSCR, HX, 1/4-28NF X 1/2 GR 5
005	2	25888	ARM & SHAFT ASSY
006	1	53691	NUT, WIPER MOTOR 5/16-18UNC W/LOCKING SERRATIONS.
007	1	83430A	LINK (DWG 83430A-Z) 8.85" CTR - CTR
008	1	83430B	LINK (DWG 83430A-Z) 12.80" CTR - CTR
009	3	1000552	CLIP, SPRING
010	3	1011249	WASHER, SPACING
011	1	83431B	BRACKET, WIPER
012	4	17547	SCR, MACH, RHD, 10-32NF X 1/2 GR 2
013	4	28537	WSHR, LK, HELI, .510 X .334 OD
014	3	12554	CAPSCR, HX, 1/4-20NC X 2-1/2 GR 5
015	2	55920	ARM, WIPER 18" ADJ
016	2	55921	BLADE, 22" FLEX
017	3	10162	WSHR, FL, 1/4 X 0.625 OD
018	1	53238	SWITCH, WIPER DELAY
019	2	10103	CAPSCR, HX, 1/4-28NF X 3/4 GR 5
099	PEE 1	A83432	DWG ONLY, WIPER

24 VOLT ELECTRIC ASSY
FOR UNIVERSAL ROPS
CAB, TWO SPEED MOTOR
WITH INTERMITTENT
SWITCH.

DR.

T. DODEN

ENG. APP.

606

REF. C.K.

Ellis

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E.N. NO.



WINDSHIELD WIPER ASSY

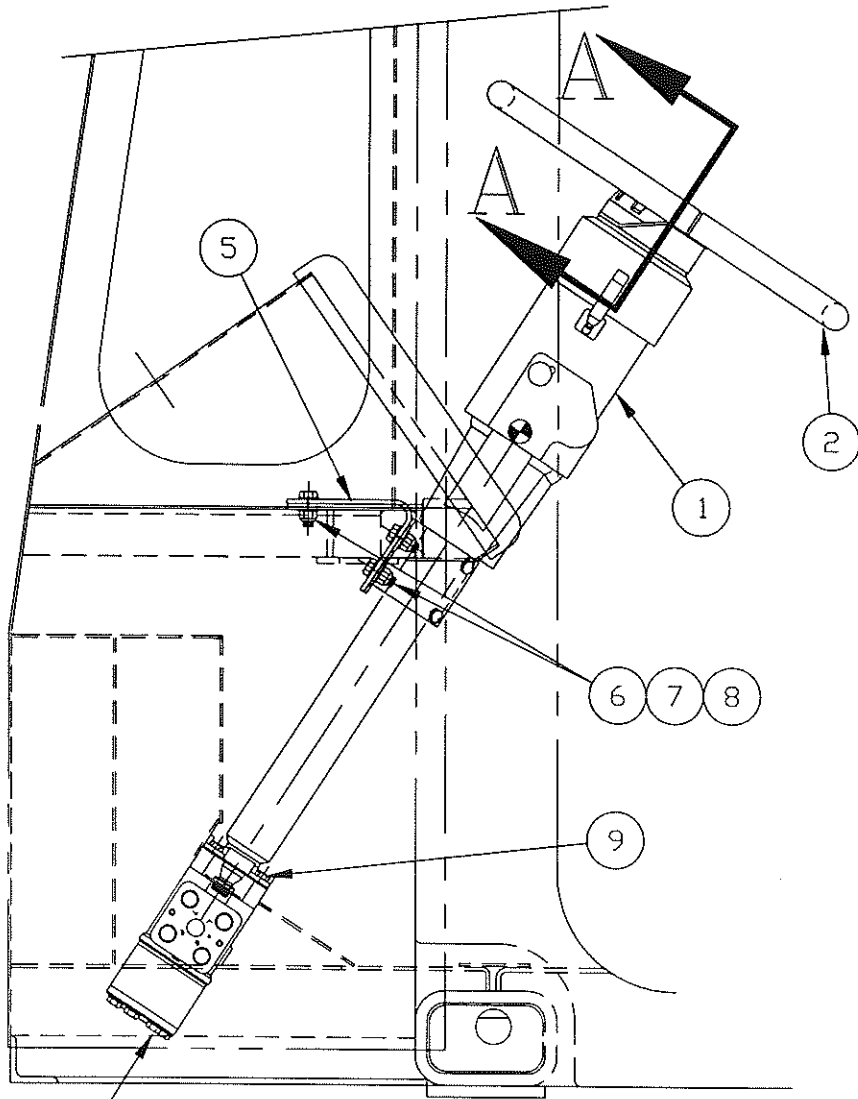
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ASSY.
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ENG. APP.
MASSIE
REL. CK.
ELLIS



STEERING HAND PUMP
SEE STEERING SYSTEM
FOR P/N AND
ORIENTATION.

90538

85765

E.N. NO.

DOUGLAS TILTING/TELESCOPING
STEERING COLUMN FOR USE WITH
DANFOSS OR CHAR-LYNN HAND PUMP.



STEER COLUMN/WHEEL ASSY

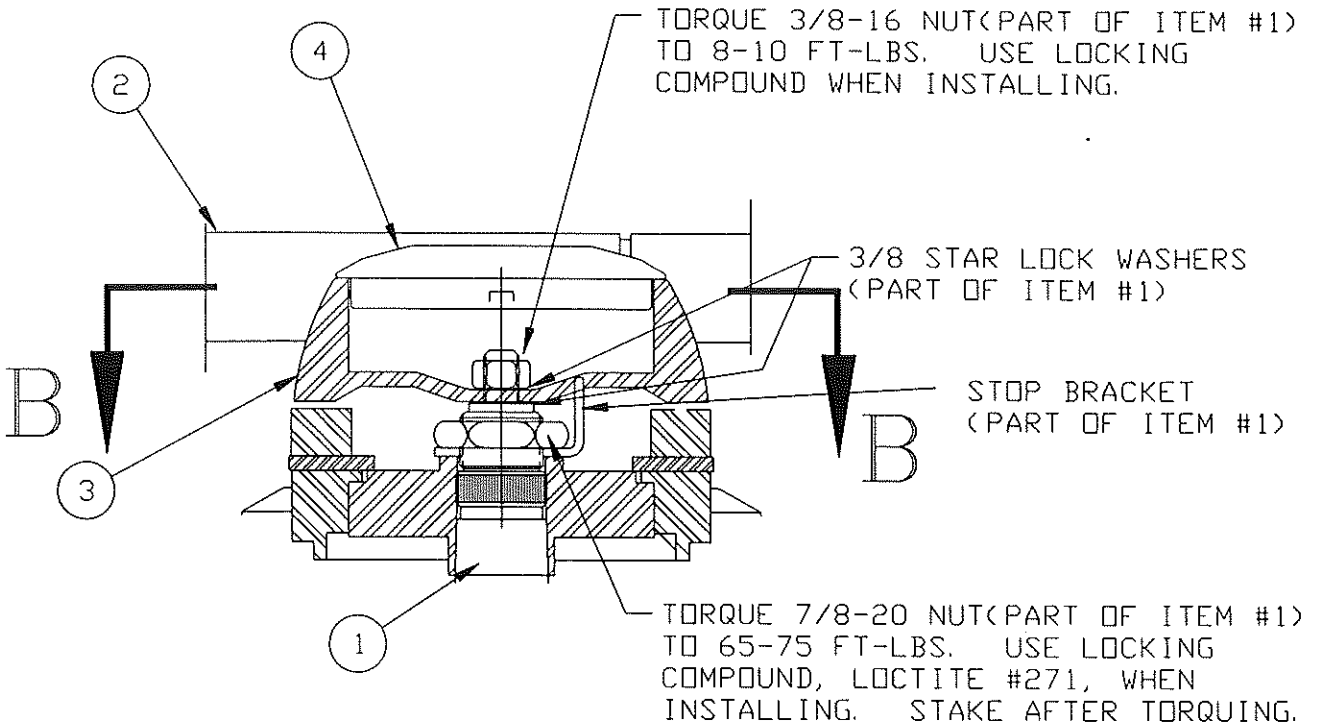
SHEET 1 OF 2

A83459

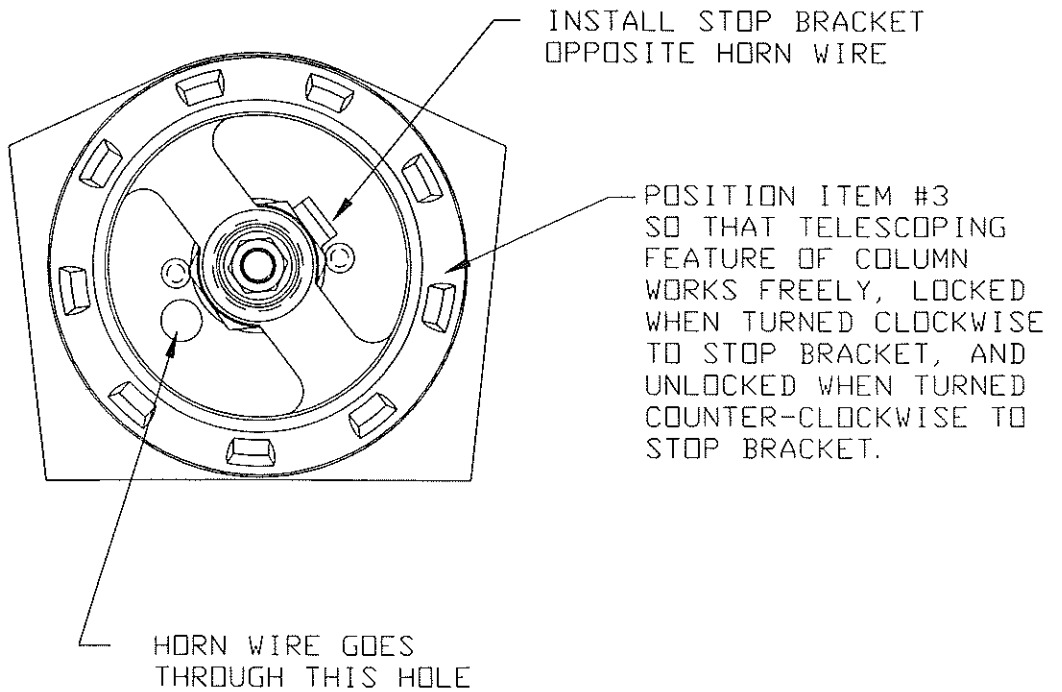
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MASSIE
REL. CK.
ELLIS



SEC A-A



VIEW B-B



STEER COLUMN/WHEEL ASSY

SHEET 2 OF 2

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83459A

ITM	QTY PER ASSY	COMPONENT	DESCRIPTION
001 40552214	1	★ 83456A ★	COLUMN, STEERING T/T 432-3075
002 4054080	1	83457A	WHEEL, STEERING 18" 529-9389
003 40553735	1	53727	RING, LOCKING STR CLMN 542-0611
004 40551973	1	53728	BUTTON, HORN W/UR LOGO 432-3081
005	1	83458A	BRACKET, STRG CLMN
006	6	11107	CAPSCR, HX, 7/16-14NC
			X 1-1/4 GR 5
007	6	10165	WSHR, FL, 7/16
			X .921 OD
008	6	18068	NUT-HEX, FLXLC 7/16-14
009	4	10015	CAPSCR, HX, 3/8-16NC
			X 1-3/4 GR 5

DOUGLAS COLUMN W/18" STEERING WHEEL

NO PIC 40946061 HORN BRUSH KIT 529-8951

DL.
TLD
ENG. APP.
DL. CK.
ELLIS

EN. NO.
85765

*SEE SERVICE PARTS



STEER CLMN/WHL ASSY

SHEET / OF /
ASSY. NO. 83459A

A83850C

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ITM	QTY PER ASSY		COMPONENT	DESCRIPTION
001	4		55296	RESTRICTION INDICATOR
003	4		28869	ADAPTER, 90 DEG, BRASS 1/4 O.D. NYLON TUBE X 1/8 NPTF, FEMALE
004	4		24261	ADAPTER, NIPPLE, HEX 1/8 NPTF, MALE
005	4		27586	ADAPTER, BULKHD STR #4 JIC, MALE X 1/8 NPTF, FEMALE
006	720	IN	51853	TUBE, BULK NYLON, 1/4 O.D. X .033WL
007	4		70037B	NAMEPLT (DWG 70037A-Z) AIR CLEANER RESTRICTION
020	REF	1	N83850	GEN NOTE, NO DRAWING 1-NO PICTURE, SEE CAB CONFIGURATION FOR GAUGE & NAMEPLATE LOCATIONS. 2-INSTALL BULKHEADS IN CAB TERMINAL PLATE WITH FEMALE THREAD TO CAB INTERIOR. 3-USE NYLON TUBING & FITTINGS AS REQUIRED TO PLUMB GAUGES TO TERMINAL BULKHEADS.
021	REF	1	N83850-4	ASSY NOTE, NO DRAWING 1-GAUGES SHOULD READ LEFT TO RIGHT SAME AS AIR CLEANER POSITIONS RELATIVE TO DRIVER - PLUMB CAB TERMINALS TO GAUGES AS FOLLOWS: J = LEFT OUTBOARD N = LEFT INBOARD R = RIGHT INBOARD P = RIGHT OUTBOARD

FOR 'DDC' ENGINE --
 (4) 2" POP-UP GAUGES
 RED COLOR CODED AT
 20" OF WATER --
 INCLUDES PLUMBING.
 NOTE: DO NOT WIRE UP
 WARNING FUNCTION.

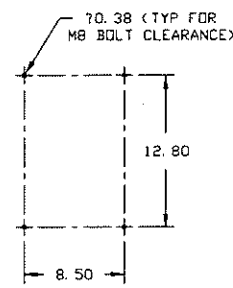
DR.
BOLIN
 ENG. APP.
RM
 REL. CK.
Ellis

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 E.N. NO.

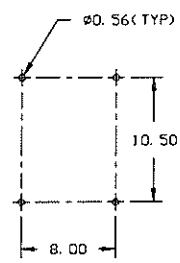


INDICATOR, RESTRICTION

SHEET | OF |
 ASSY.
 NO. A83850C



REQUIRED BOLT PATTERN FOR MOUNTING SEAT W/OUT A RISER



REQUIRED BOLT PATTERN FOR MOUNTING SEAT W/ A RISER

UNIT RIG PART NO	ISIRI MODEL	SEAT PART NO.	UPHOLSTERY & COLOR	UNIT RIG STD. FEATURES												ADDITIONAL FEATURES AVAILABLE FROM MANUFACTURER												COMMENTS	REPLACES SEAT AND SEAT ASSEMBLY								
				RISER HEIGHT	ARMREST	HEIGHT ADJUST	BACK ADJUST	WEIGHT ADJUST	FOUR/FT ADJUST	BOOT	LUMBAR-MECH	LUMBAR-AIR	HEADREST	SWIVEL	ISOLATOR	HEATER	CONTACT SWITCH	SEAT BELT	SUSP. LOCKOUT																		
83955A	6000/575	8. 6055-02	BROWN TWEED CLOTH/ BROWN VINYL	3 7/8	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	51718; 81516A
△(OBS) 83955B	6000/575	8. 6055-03	BLACK VINYL	3 7/8	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	51719; 81516B	
△(OBS) 83955C	6000/575	8. 6055-01	GRAY TWEED CLOTH/ H. D. BLACK VINYL	3 7/8	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	53476; 81516H; A83464B	
△(OBS) 83955E	1000/385/906	8. 6177-01	GRAY TWEED CLOTH/ H. D. BLACK VINYL	7	N	Y	Y	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	NON-SUSP. SEAT	81516J; 79898F	
△(OBS) 83955F	5000/385/906	8. 6202-01	BROWN TWEED CLOTH/ BROWN VINYL	NONE	Y	Y	Y	Y	Y	Y	Y	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	(SVC)	702742; 703434	
△(OBS) 83955G	1000/385/906	8. 6177-02	BROWN TWEED CLOTH/ BROWN VINYL	7	N	Y	Y	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	NON-SUSP. SEAT	51361; 79898E	
(OBS) 83955H	6000/575	8. 6203-01	BROWN TWEED CLOTH/ BROWN VINYL	3 7/8	Y	Y	Y	Y	Y	Y	Y	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	55108; 81516F		
(OBS) 83955I	1000/575	-----	BLACK CLOTH/ BLACK VINYL	NONE	Y	Y	Y	N	Y	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	(SVC)	915612	
(OBS) 83955K	6000/575	-----	BLACK CLOTH/ BLACK VINYL	3 7/8	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	915613; 81516M		
△(OBS) 83955M	6000/575	-----	BROWN TWEED CLOTH/ BROWN VINYL	3 7/8	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	(SVC)			
△(OBS) 83955N	6000/575	8. 6210-01	BROWN TWEED CLOTH/ BROWN VINYL	3 7/8	Y	Y	Y	Y	Y	Y	Y	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	(SVC)			
△(OBS) 83955P	1000/575	8. 6204-01	BLACK CLOTH/ BLACK VINYL	NONE	Y	Y	Y	N	Y	N	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	NON-SUSP. SEAT (SVC)	915612		
△(OBS) 83955S	6000/575	8. 6205-01	BLACK CLOTH/ BLACK VINYL	3 7/8	Y	Y	Y	Y	Y	Y	Y	N	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	915613; 81516M		
△(OBS) 83955T	6000/575	8. 6222-01	BROWN TWEED CLOTH/ BROWN VINYL	NONE	Y	Y	Y	Y	Y	Y	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	(SVC)		
* 83955U *	6000/575	8. 6309-02 △	GRAY TWEED CLOTH/ H. D. BLACK VINYL	3 7/8	Y	Y	Y	Y	Y	Y	Y	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	53476; 81516H; A83464B			
△(OBS) 83955V	1000/385/906	8. 6308-01	GRAY TWEED CLOTH/ H. D. BLACK VINYL	7	N	Y	Y	N	Y	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	NON-SUSP. SEAT	81516J; 79898F		
83955W	1000/575	8. 6570-01	GRAY TWEED CLOTH/ H. D. BLACK VINYL	5 3/4	N	Y	Y	N	Y	N	N	N	Y	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	NON-SUSP. SEAT	83955V		
83955X																																					
83955Y																																					
83955Z																																					

8 55U-W

VENDOR PART NO. TO INCLUDE SPECIFIED SEAT PREMOUNTED ON RISER, WHEN RISER IS REQUIRED. IF RISER IS NOT SUPPLIED, A HARDWARE BAG CONTAINING (4) M8 X 25mm LG HEX HEAD BOLTS AND (4) SPLIT LOCKWASHERS SHALL BE INCLUDED.

VENDOR PART NO. TO INCLUDE, WHEN REQUIRED, THE FOLLOWING LOOSE PARTS FOR AIR LUMBAR --
 (120") 1/4 OD PU-4 AIR TUBING
 (1) CONNECTOR ELBOW, 90° 1/4 TUBE X 1/4 NPT
 (1) CONNECTOR UNION, STR 1/4 TUBE X 1/4 TUBE

***SEE SERVICE PARTS**

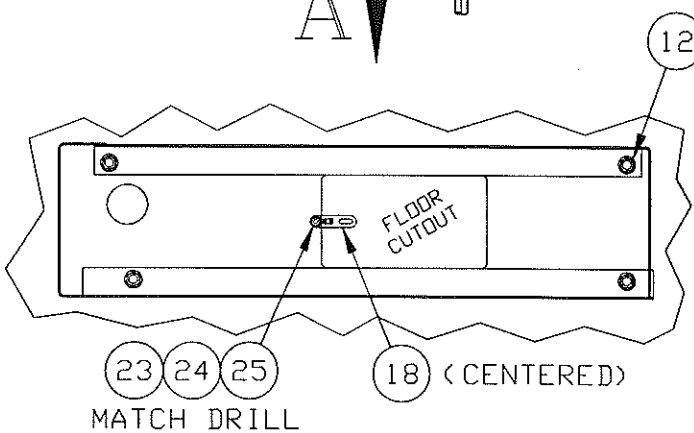
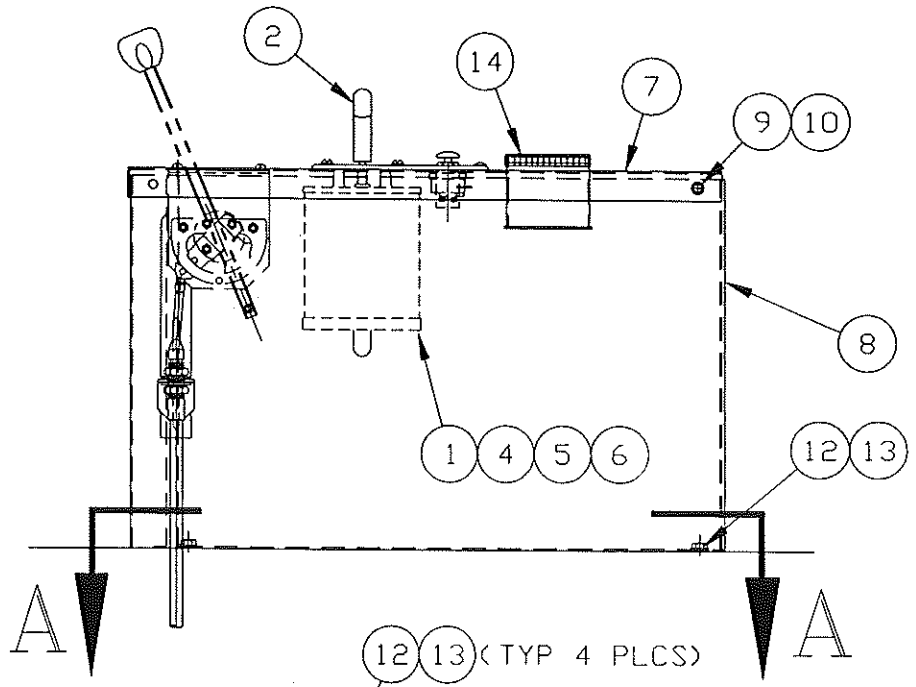
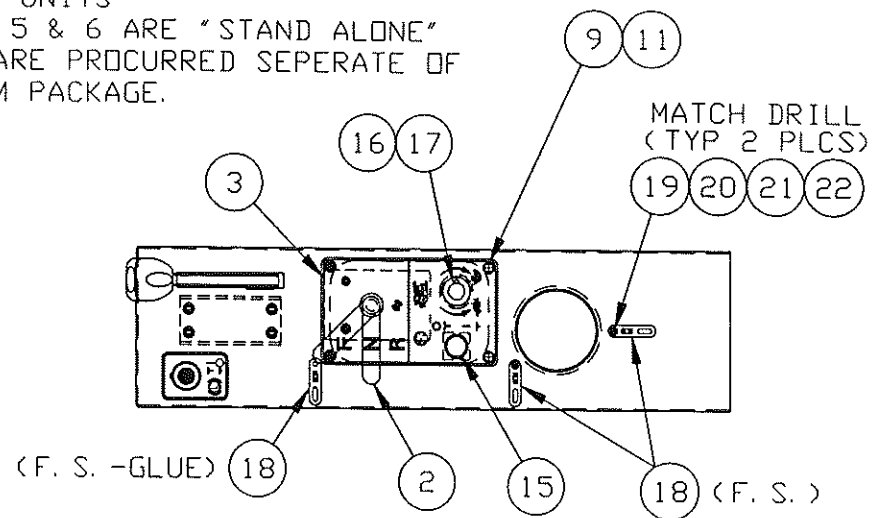
△	90791	10/98	DISOLTED 83955B, C, E, F, G, H, N, P, S, T	SIMILAR TO:	SEAT ASSEMBLY - MECH RIDE (DBL LOCK) ISRINGHAUSEN	
△	90520	2/98	ADDED 83955W, OBS 83955V	TOLERANCES UNLESS OTHERWISE SPECIFIED	UNIT RIG	
1	88207	6-94	SEE EN	DECIMAL FRACTION ANGULAR JES 0.016 0.1/8 1/2	OR MASSIE	SHEET 1 of 1 83955U-W
RED	87949	3-94	REVISED & REDRAWN	CHG APP DODEN		
CHG	87619	9-93	RELEASE TRUCK SPEC	REL CR J. ELLIS	DATE: 2-8-94	
CHG	EN. NO.	DATE	DESCRIPTION	N/A	VEHICLE	S.N.

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A84217

NOTE:
 FOR D. C. DRIVE UNITS -
 ITEMS 1, 2, 4, 5 & 6 ARE "REFERENCE ONLY"
 PARTS, AND ARE CONTAINED IN G. E. DRIVE
 SYSTEM PACKAGE.
 FOR A. C. DRIVE UNITS -
 ITEMS 1, 2, 4, 5 & 6 ARE "STAND ALONE"
 PARTS, AND ARE PROCURED SEPERATE OF
 DRIVE SYSTEM PACKAGE.



NOTE 1: WIRE PER APPROPRIATE
 ELECTRICAL SCHEMATIC
 AND WIRING DIAGRAM.
 NOTE 2: LOCATE ITEM 18 APPROX
 WHERE SHOWN AND MOUNT
 AS SPECIFIED.

DR.
 T. DODEN
 ENG. APP.
 PITTMAN
 REL. CK.
 ELLIS

90751
 90576
 88861
 88433
 E.N. NO.

SEC A-A

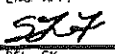



CAB SHIFTER ASS.
 SHEET 1 of 1
 A84217

ITM	QTY PER ASSY	COMPONENT	DESCRIPTION
001	REF 1	* 20379 *	SWITCH SELECTOR GE P/N 41A251348G1
002	REF 1	700946	HANDLE
003	1	83553J	PLATE, SWITCH MTG
004	REF 3	18353	JUMPER ELECTRIC
005	REF 1	19088	JUMPER-ELECTRIC
006	REF 1	18352	JUMPER ELECTRIC
007	1	83525C	COVER, CONSOLE
008	1	83524B	CONSOLE, CENTER
009	8	52350	SCR, MACH, TRH, 1/4-20NC X 1/2 GR2 PHLH, BLK-0X
010	4	53726	FASTENER, SLIP ON
011	4	22605	NUT, INSERT, 1/4-20UNC
012	4	10703	CAPSCR, HX, 5/16-18NC X 1-1/2 GR 5
013	4	10179	WSHR, LK, HELI, 5/16 X .586 OD
014	11 IN	25769	MOULDING BULK WELT COLOR = BLACK
015	1	915153	SWITCH
016	1	915441	POTENTIOMETER
017	1	19198	KNOB-SWITCH
018	4	16999	PLATE TIE PANDUIT
019	2	17547	SCR, MACH, RHD, 10-32NF X 1/2 GR 2
020	2	12867	NUT HEX 10-32
021	2	22048	WSHR, FL#10 (SAE) X .437 OD
022	2	28537	WSHR, LK, HELI, #10 X .334 OD
023	1	10001	CAPSCR, HX, 1/4-20NC X 3/4 GR 5
024	1	15675	NUT-HX, CRNLK 1/4-20NC STD GR B
025	1	10162	WSHR, FL, 1/4 X 0.625 OD
099	REF 1	A84217	DWG ONLY, SHIFTER

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 © COPYRIGHT DATE 5-25-95

A84217B

TLD
 ENG APP

 REC. CK.


FOR ROPS CAB
 RETARD SPEED CONTROL
 SWITCHES MOUNTED IN
 CENTER CONSOLE.
 FOR REVISED HAND
 BRAKE CONTROL.

90751
 88861
 E.N. NO.

*SEE SERVICE PARTS



CAB SHIFTER ASSY
SHEET 1 OF 1
ASSY NO A84217B

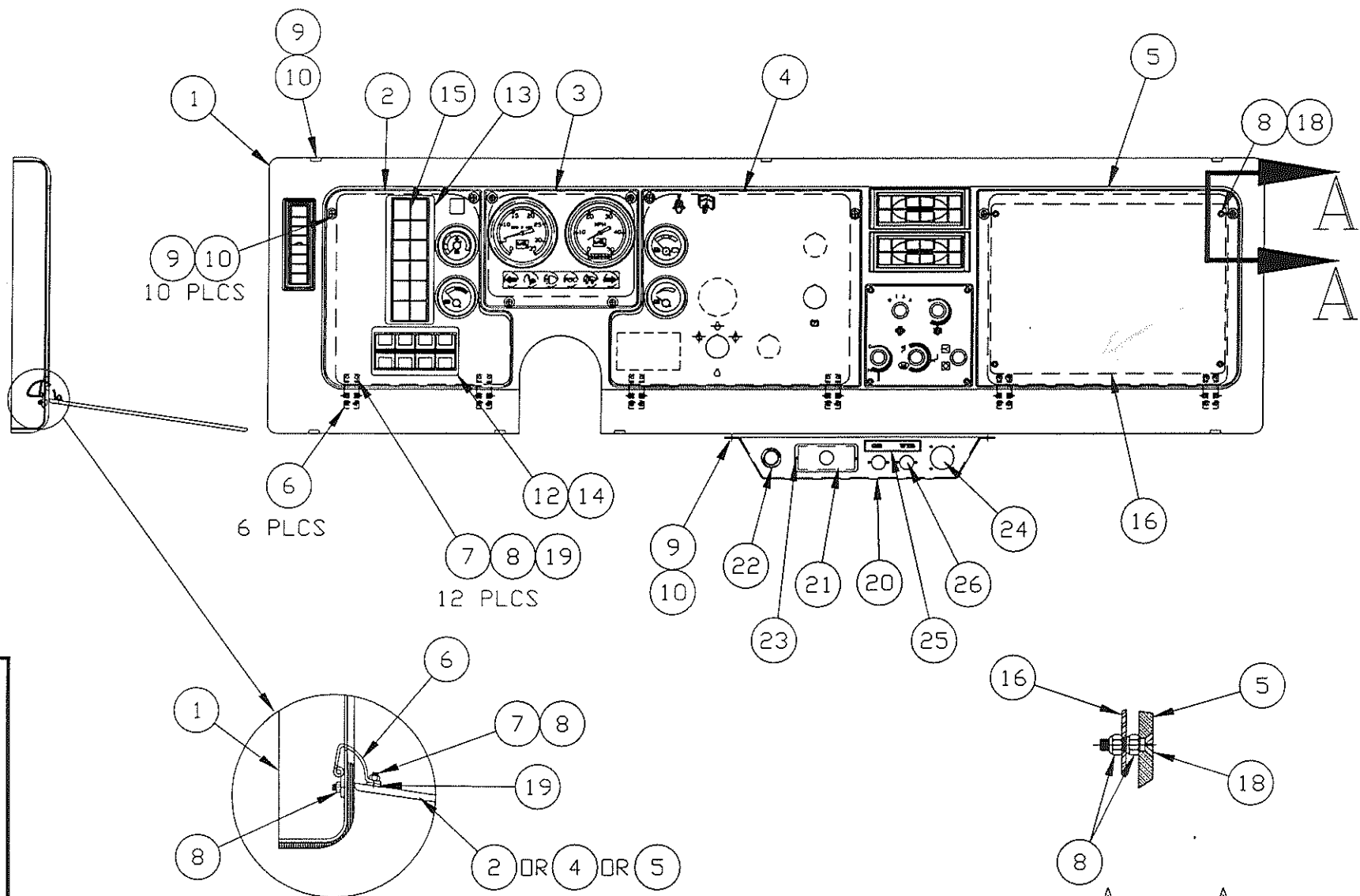
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A84230

ALVERT

DR. T. DODDEN
 ENGR. ASSP. MASSIE
 REL. CK. ELLIS

90617
 89489
 88882
 88436
 E.N. NO.



9 10
 10 PLCS

6
 6 PLCS

7 8 19
 12 PLCS

SEC A-A



DASH & SHROUD ASSEMBLY

SHEET 1 OF 1
 A84230

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A84230G

AVERT

ITM	QTY PER ASSY	COMPONENT	DESCRIPTION
1	1.00	83454A	SHROUD, DASH PANEL
2	1.00	83553A	PANEL, DASH LH
3	1.00	83553B	PANEL, DASH CENTER
4	1.00	83553V	PANEL, DASH, R. H.
5	1.00	83553F	PANEL, COVER
6	6.00	83455A	HINGE, DASH PANEL
7	12.00	53806-05	SCR, MACH, FH, 8-32NC X 5/8 GR 2, PHL H BLK OXD
8	32.00	25128	NUT-LOCK HX(8-32NC)
9	21.00	52350	SCR, MACH, TRH, 1/4-20NC X 1/2 GR2 PHLH, BLK-OX
10	21.00	22605	NUT, INSERT, 1/4-20UNC
12	.00	NOT-USED	PART NOT USED
13	.00	NOT-USED	PART NOT USED
14	.00	NOT-USED	PART NOT USED
15	.00	NOT-USED	PART NOT USED
16	1.00	83630A	PANEL, MOUNTING ELECT
18	4.00	53806-08	SCR, MACH, FH, 8-32NC X 1" LG, PHL H BLK OXD
19	12.00	52366	WSHR, FL, #8 X .562 OD
20	1.00	84688A	BRACKET, ASHTRAY & LTR
21	1.00	18247	TRAY ASH
22	1.00	18053	LIGHTER, CIGAR 12V
23	2.00	25915	SCREW, SHEET METAL
24	1.00	21462	PLUG-SNAP BUTTON
25	1.00	84699A	NAME PLATE, SERIAL PTS
26	1.00	21455	PLUG-SNAP BUTTON FOR 3/4" DIA HOLE
30	.00	A84230	DWG ONLY, DASH/SHROUD

DR. SLF
 ENG. APP. MASSIE
 REL. CK. ELLIS

OPENING FOR HOURMETER
 AND MPS SW IN R. H. PANEL.



DASH & SHROUD ASSY
 SHEET 1 OF 1
 A84230G

90935
 E.N. NO.

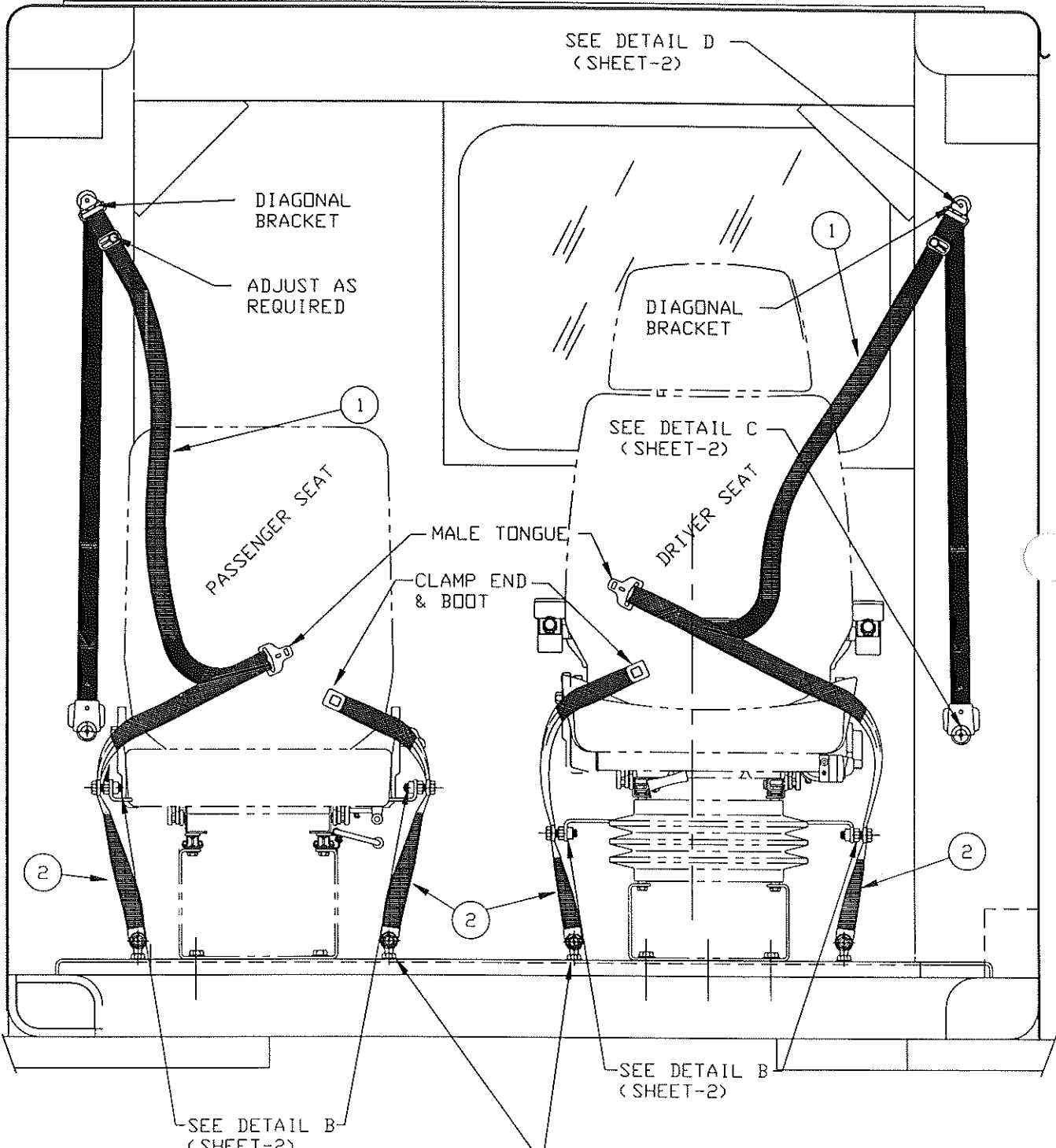
*SEE SERVICE PARTS

A84375

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DR.
T. DODEN
ENG. APP.
R. MASSIE
REL. CK.



SEAT BELT ASSEMBLY

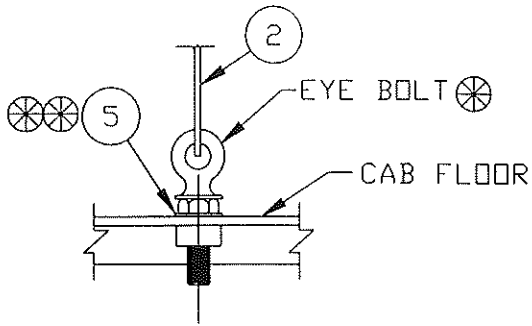
SHEET 1 OF 2
A84375

88689
E.N. NO.

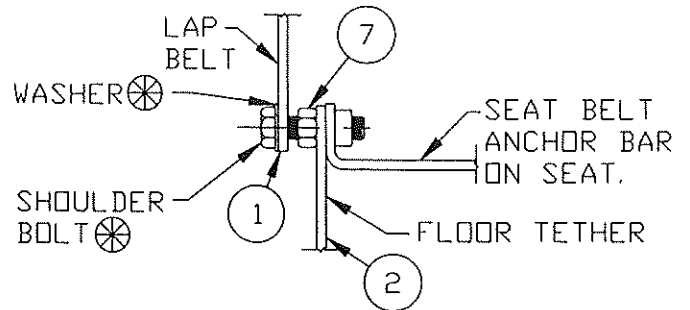
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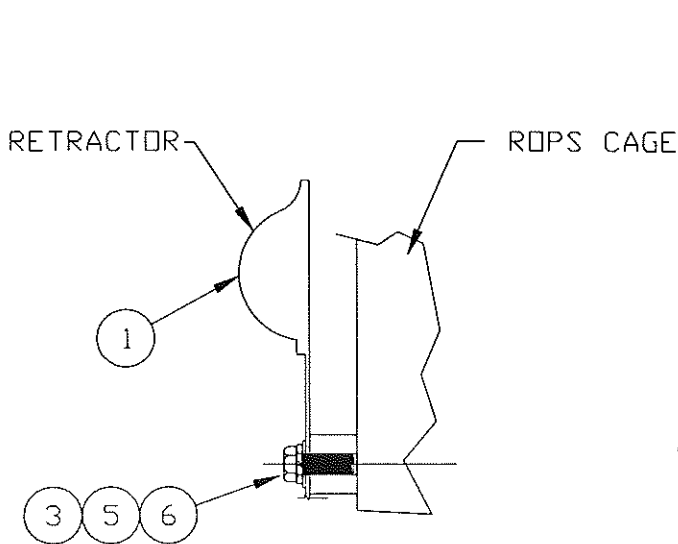
DR.
T. DODEN
ENG. APP.
REL. CK.



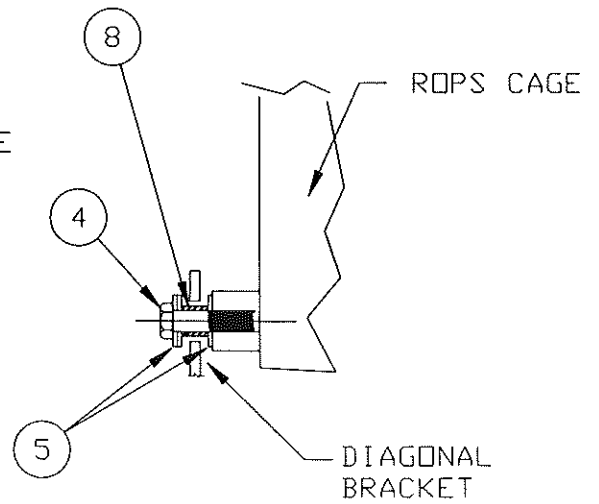
ANCHOR DETAIL A



ANCHOR DETAIL B



ANCHOR DETAIL C



ANCHOR DETAIL-D

- ⊗ ITEM SUPPLIED IN TETHER KIT ITEM #2
- ⊗⊗ OPTIONAL TO SPACE EYE BOLT ABOVE MAT. MUST HAVE FULL NUT THREAD ENGAGEMENT ON BOTTOM.



SEAT BELT ASSEMBLY

SHEET 2 OF 2
A84375

88689
E.N. NO.

3

3

3

A84375A

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ITM	QTY PER ASSY	COMPONENT	DESCRIPTION
001	2	53767	SEAT BELT-LAP/SHLDR TO ACCOMODATE LARGER DRIVERS. IN KING CAB
002	2	53764	KIT.TETHER.W/HARWARE F/SEAT BELT
003	2	10107	CAPSCR.HX.7/16-20NF X 1 GR 5
004	2	52150	CAPSCR.HX.7/16-20NF X 1-1/4 GR 8
005	12	52369	WSHR.FL.7/16 X 1.25 OD
006	2	10181	WSHR.LK.HELI.7/16 X .779 OD
007	4	12007	NUT.HX.7/16-20NF STL GR 5
008	2	82326A	SPACER.ANCHOR
020	REF 1	A84375	DWG ONLY. SEAT BELT

FOR ROPS CAB.
INCLUDES BELTS WITH SHOULDER STRAPS FOR OPERATOR'S & PASSENGER SEATS

DR. T. DODEN
 ENG. APP. MASSIE
 REL. CK.

88689
E.N. NO.



SEAT BELT ASSY

SHEET / OF /
ASSY.
NO. A84375A

A84399

ALVERT

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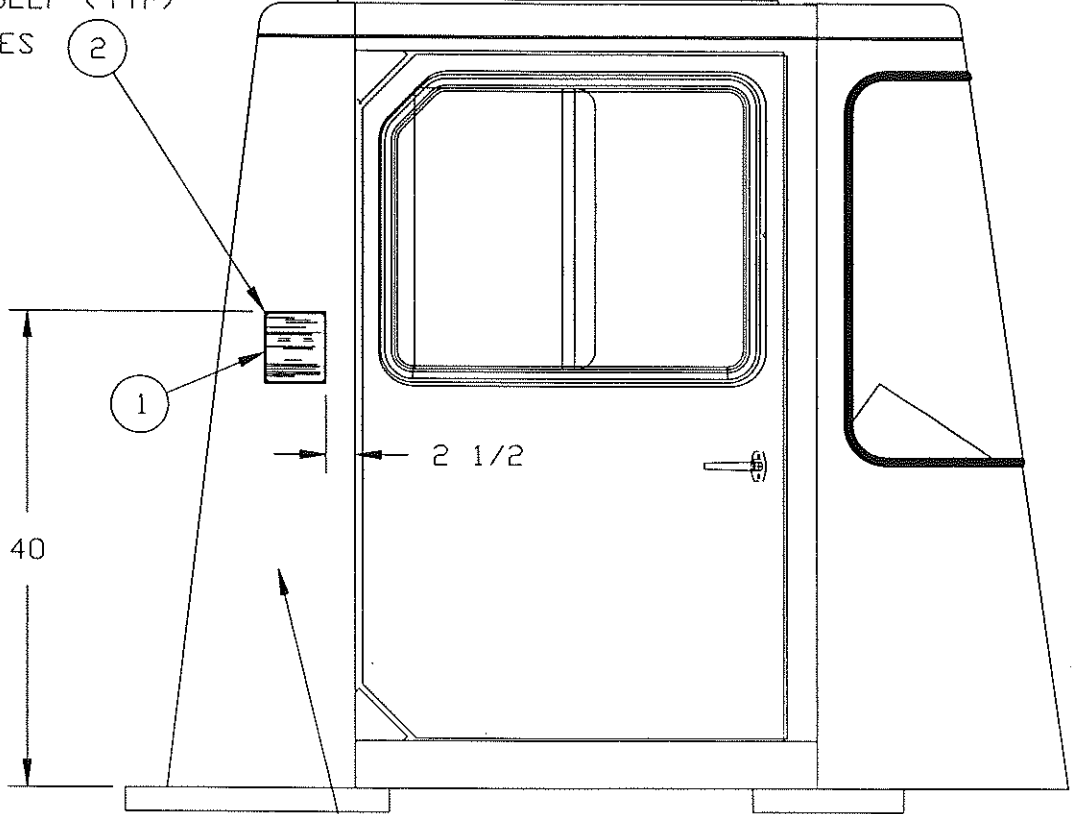
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DR. FUJIAN

ENG. APP.

REL. CK.

DRILL NO. 31 (.120)
X 1/2 DEEP (TYP)
4 PLACES



EXTERIOR OF
RIGHT REAR
CAB COLUMN



88757

E.N. NO.



ROPS CERTIFICATION
LABEL ASSEMBLY

SHEET 1 OF 1

A84399

A84399A

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BY
LUJAN

DATE

BY
Ellis

DATE

BY

DATE

BY

DATE

BY

DATE

BY

DATE

BY

DATE

ITM	QTY PEP ASSY	COMPONENT	DESCRIPTION
001	1	83180C	LABEL, ROPS CERT. 4400
002	4	1032393	SCR, TAP, PANHD, #6 X 3/8 TYP AB CAD PI
			FOR M14400 ROPS CAB

88757

NO.



ROPS CERT. LABEL ASSY

SHEET 1 OF 1

ASSY.
NO. A84399A



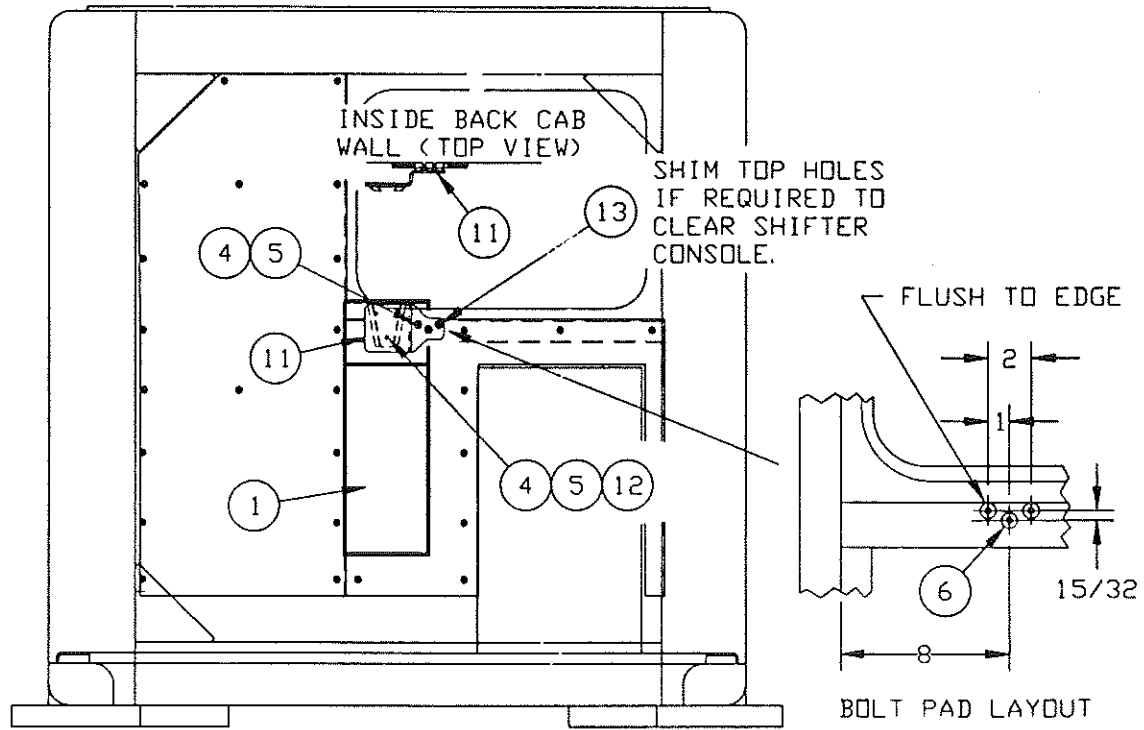
84503B

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DR. MASSIE
 EXC. APP. SLF
 REL. CK. ELLIS

90942
 E.N. NO.

ITM	QTY PER ASSY	COMPONENT	DESCRIPTION
001	1	85064A	CLEANER, VACUUM, 24V
004	6	52322	SCR, MACH, PNH, 1/4-20NC X 3/4 GR 2
005	6	10178	WSHR, LK, HELI, 1/4 X .489 OD
006	3	34083	PAD, BOLTING, 1/4-20NC
007	35	53036	FT WIRE, 12GA 19STR INSL
008	2	17451	TERMINAL BUTT SPLICE 12-10 AWG
009	2	1020749	TERMINAL-#8RING/10GA
010	2	1020750	RING, TERMINAL, 10GA #10 STUD
011	1	84591C	BRKT, VACUUM CLEANER
012	3	10124	NUT-HEX 1/4NC GR 2
013	6	10162	WSHR, FL, 1/4 X 0.625 OD



NOTES:

- LAYOUT AND WELD BOLT PADS (ITEM 6) TO CROSSMEMBER BELOW REAR WINDOW. USE BOLT PADS AS FIXTURE TO LOCATE HOLES IN 'ABS' PANEL. DRILL HOLES SLIGHTLY OVERSIZE TO BOLT PAD AND REINSTALL PANEL.
- MOUNT BRACKET (ITEM 11) TO BOLT PADS WITH HARDWARE (ITEMS 4 & 5) PROVIDED.
- ATTACH BRACKET (SUPPLIED WITH ITEM 1) TO BRACKET (ITEM 11) WITH HARDWARE (ITEMS 4, 5 & 12) PROVIDED.
- WIRE PER 24V 'OPTION' SCHEMATIC.



CAB CLEANING ASSY
 SHEET 1 OF 1
84503B

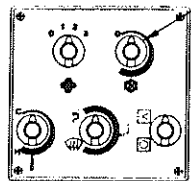
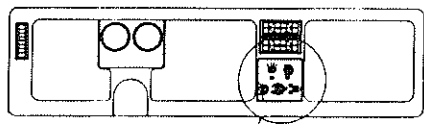
*SEE SERVICE PARTS

INSERT END OF THERMOSTAT
PROBE MIN OF 8" INTO CORE

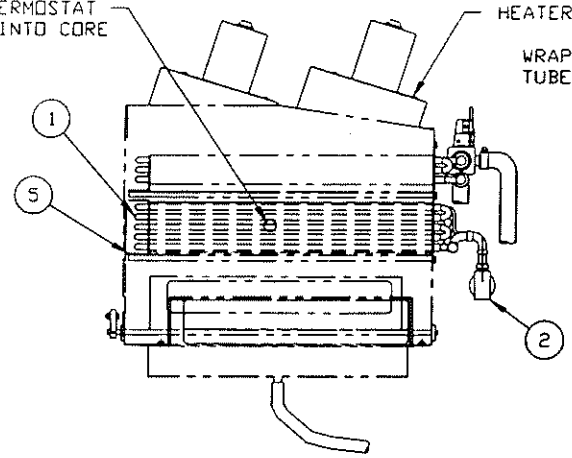
HEATER ASSEMBLY

WRAP EVAPORATOR
TUBES

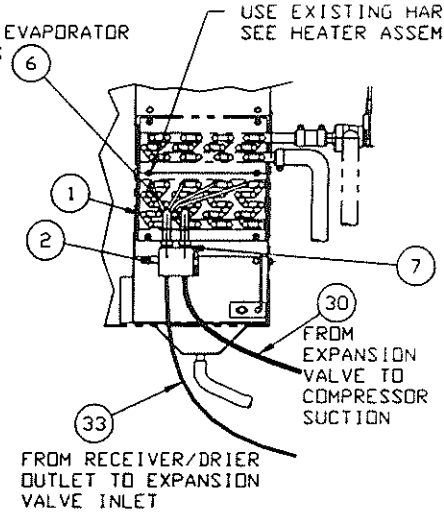
USE EXISTING HARDWARE
SEE HEATER ASSEMBLY



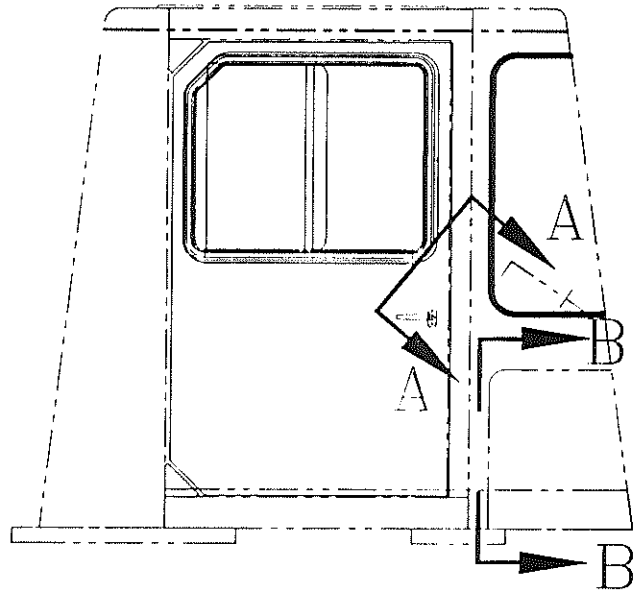
SEC A-A



SEC B-B



FROM EXPANSION
VALVE TO
COMPRESSOR
SUCTION



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A84788

DR. T. DODEN

ENG. APP.

KLL. CK.

90924

90342

89951

89864

E.N. NO.



AIR CONDITIONER
ASSEMBLY

PG 1 OF 6

A84788

AB4788

UNITS WITH MTU 396 ENGINES

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ENG. APP.

REL. CC

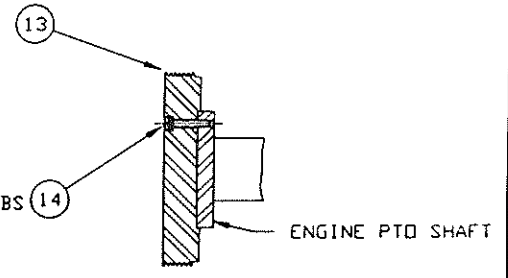
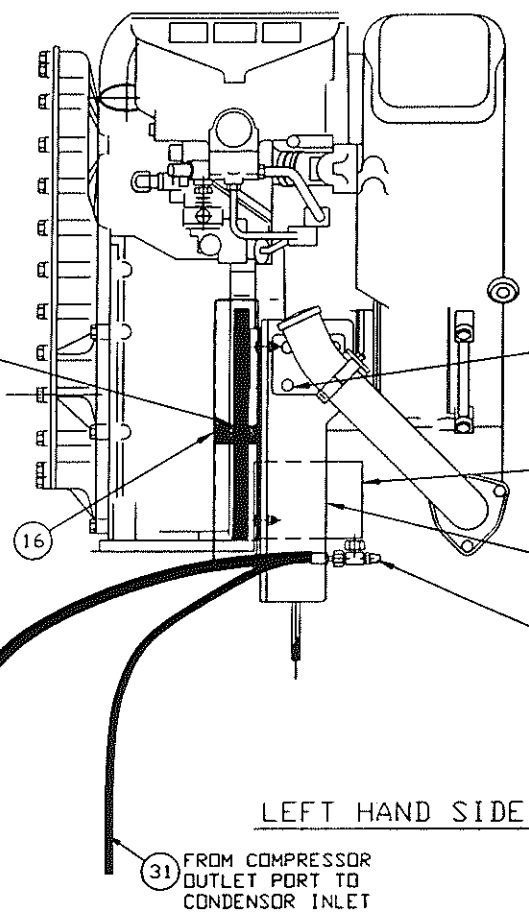
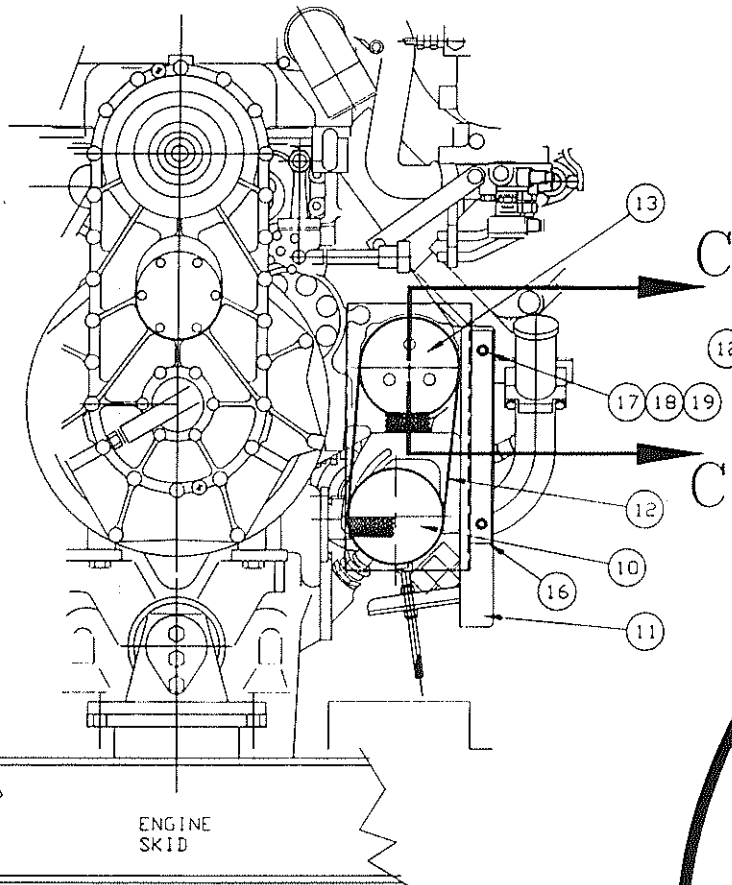
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E.N. NO.



SEC C-C

TORQUE TO 49 FT-LBS
(TYP. 3 PLCS.)

14 15 REPLACES EXISTING BOLTS
TORQUE ITEM 14 TO 49 FT-LBS
(TYP 4 PLCS)

10 MOUNT WITH PORTS
TO BOTTOM

11 LOCATE MOUNT-COMPRESSOR BRACKET
UNDERNEATH OIL FILL BRACKET AND
ELECTRICAL CONNECTOR BRACKET

28 ON SUCTION PORT OF COMPRESSOR

29 ON OUTLET PORT OF COMPRESSOR

31 FROM COMPRESSOR
OUTLET PORT TO
CONDENSOR INLET



AIR CONDITIONER
ASSEMBLY

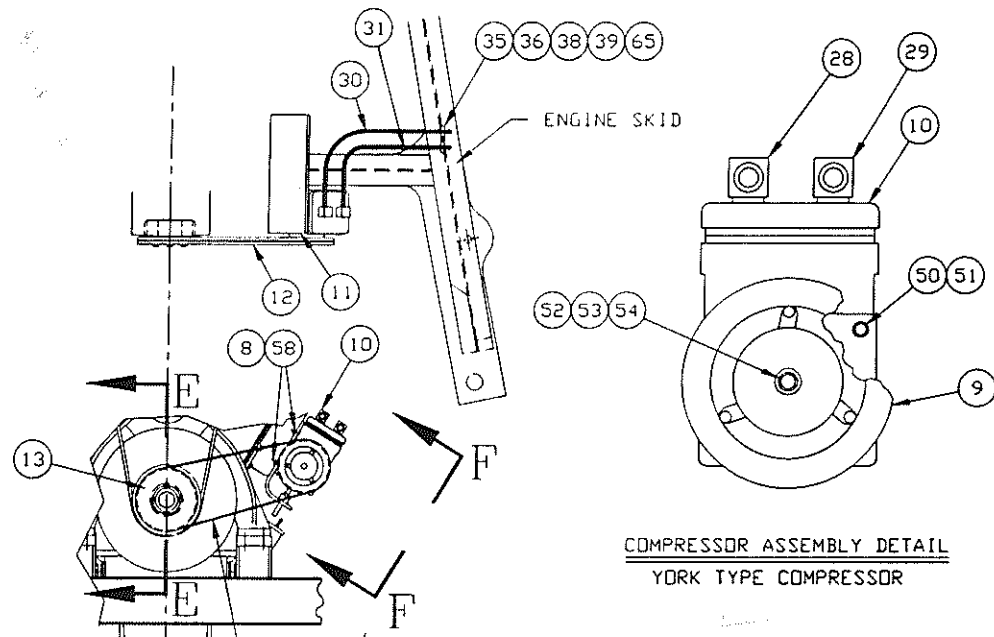
PG 2 OF 6

AB4788

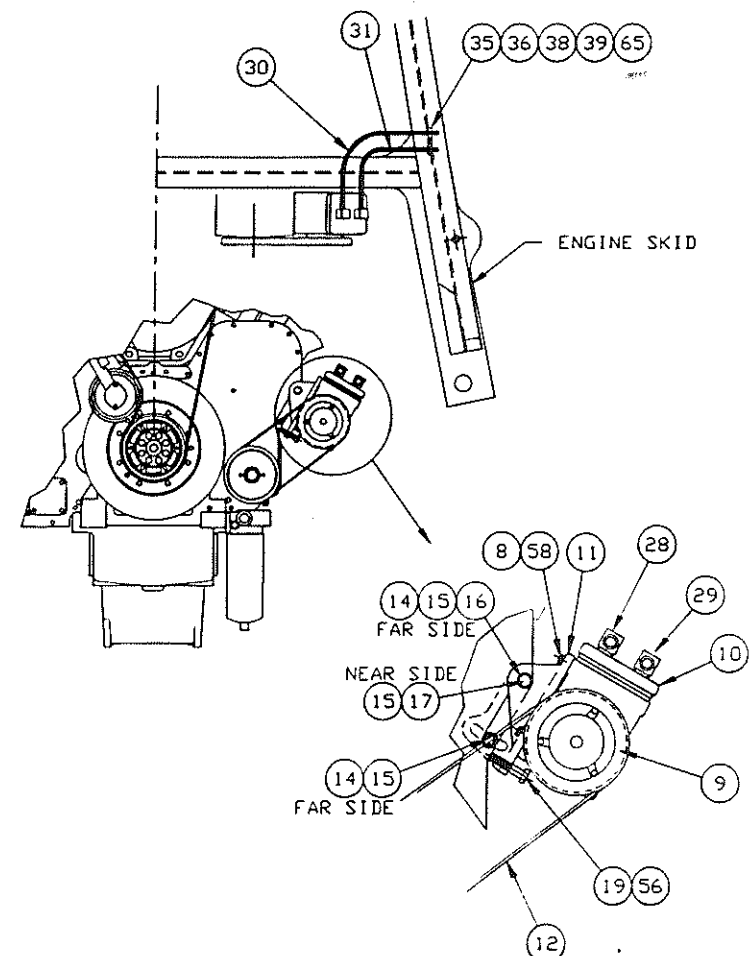
AB4788

UNITS W/DDC 12V OR 16V149
ENGINES W/YORK COMP.

UNITS W/CUMMINS KTA38
OR KTA50 ENGINES
W/YORK COMP.



COMPRESSOR ASSEMBLY DETAIL
YORK TYPE COMPRESSOR



AIR CONDITIONER
ASSEMBLY

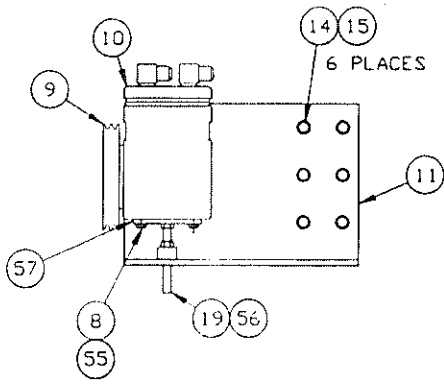
PG 3 OF 6

AB4788



3 PLACES
TORQUE TO 23 FT. LBS.

4 PLACES
TORQUE TO
23 FT. LBS.



VIEW F-F

SEC E-E

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T. DODEN
T.M. APP.

REL. CK.

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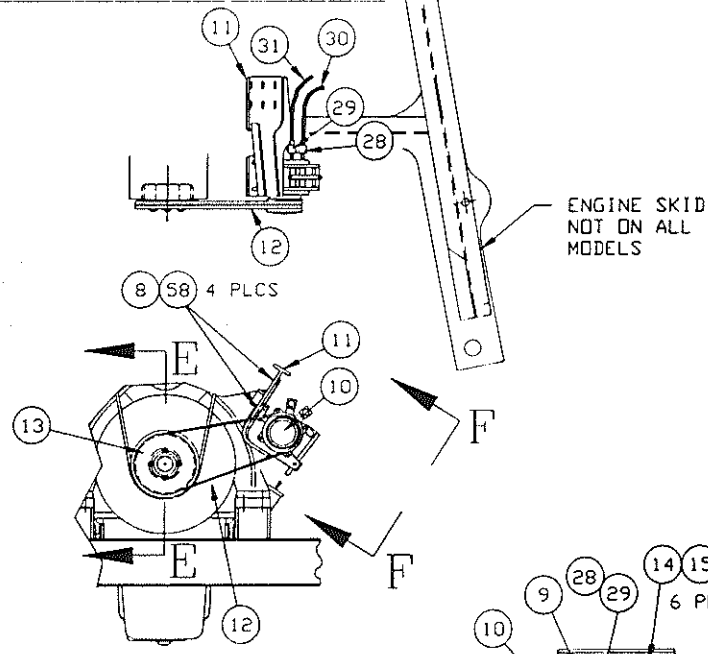
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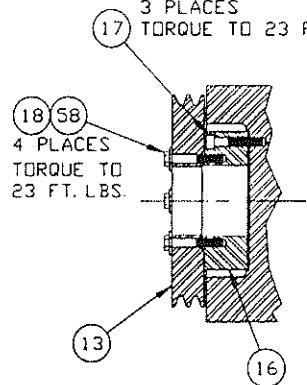
UNITS W/DDC 12V OR 16V149
ENGINES W/SANDEN COMP.



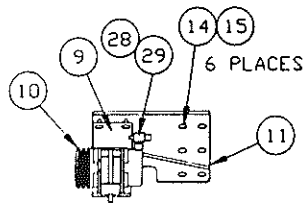
VIEW C-C

BELT TENSION DETAIL

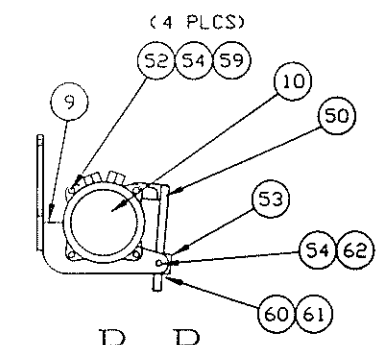
3 PLACES
TORQUE TO 23 FT. LBS.



SEC E-E

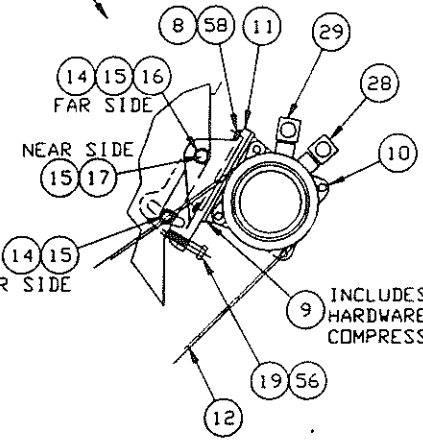
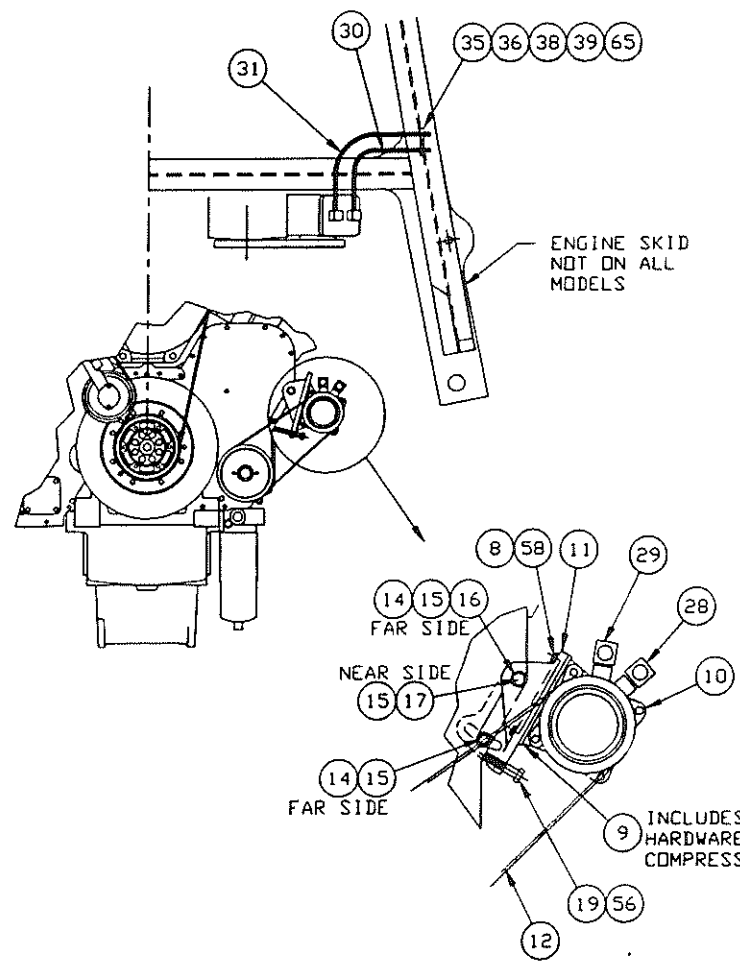


VIEW F-F



B-B

UNITS W/CUMMINS KTA38
OR KTA50 ENGINES
W/SANDEN COMP.



**AIR CONDITIONER
ASSEMBLY**

PG 4 OF 6

A84788

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89864
E.N. NO.

UNITS WITH DDC 4000V ENGINES

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REL. CK.

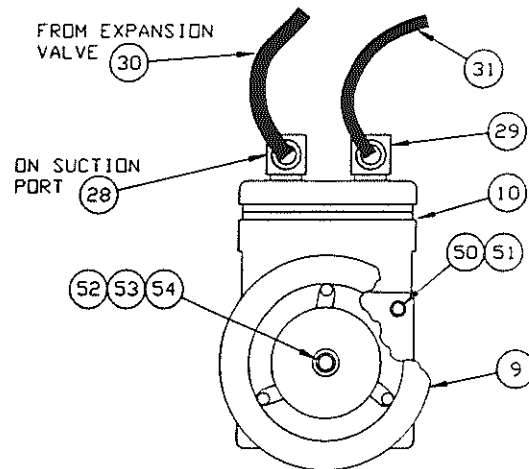
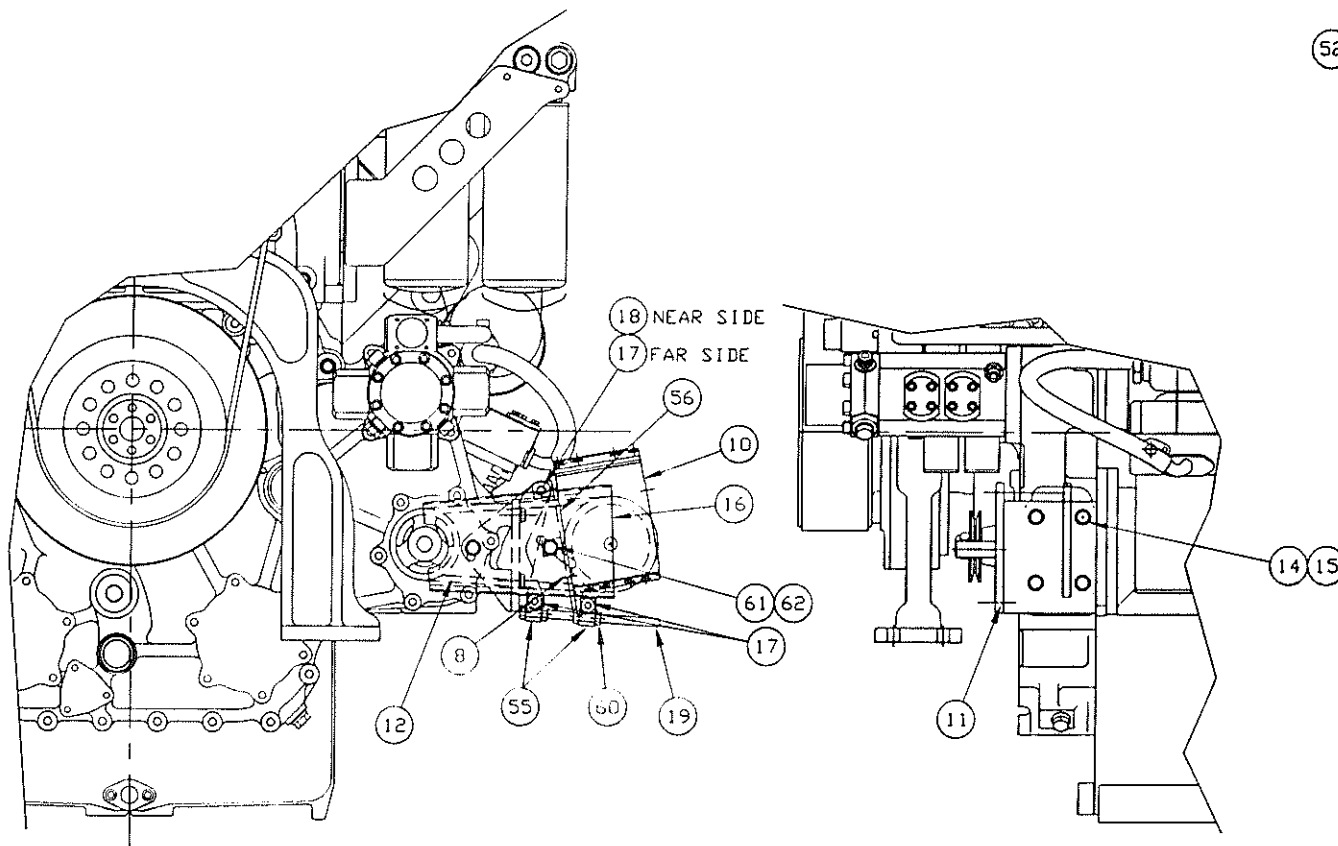
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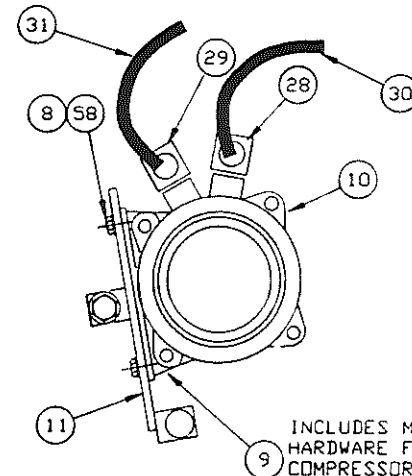
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E.N. NO.



COMPRESSOR ASSEMBLY DETAIL
YORK TYPE COMPRESSOR



COMPRESSOR ASSEMBLY DETAIL
SANDEN COMPRESSOR



AIR CONDITIONER
ASSEMBLY

PG 5 OF 6

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T. DODDEN

ENR. APP.

REL. CR.

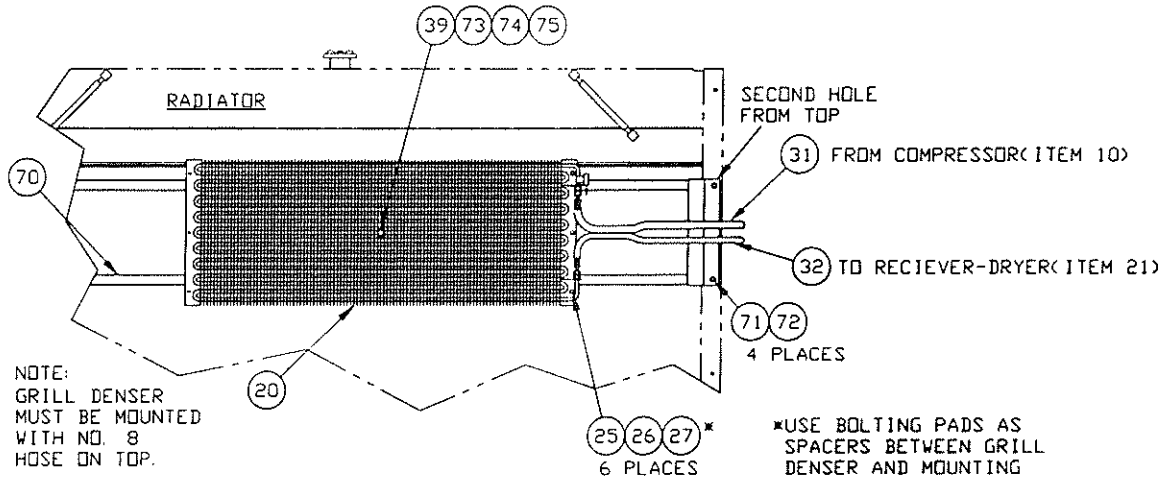
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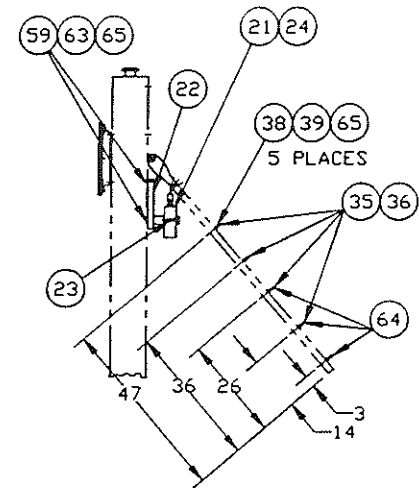
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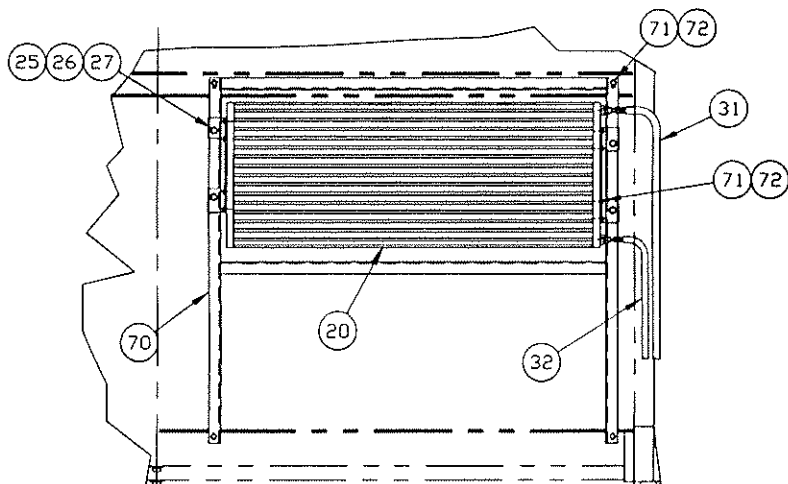


CONDENSER MOUNTING ON MT30/33/36/3700 W/CONDENSER BRACKET MOUNTING TO RADIATOR SIDE MEMBERS

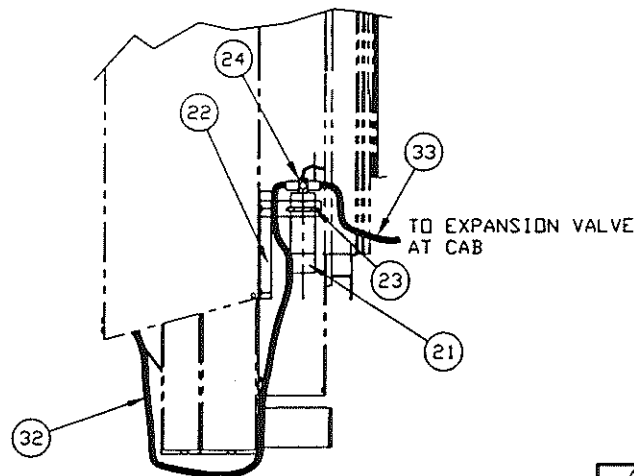
*USE BOLTING PADS AS SPACERS BETWEEN GRILL DENSER AND MOUNTING BRACKET.



RADIATOR STRUT BOLT PAD AND RECEIVER/DRYER MOUNTING ON UNITS W/RADIATOR STRUTS



CONDENSER MOUNTING ON MT4400 W/CONDENSER BRACKET MOUNTED TO CENTER & BOTTOM TANKS



RECEIVER/DRYER MOUNTING MT4400



AIR CONDITIONER ASSEMBLY

PG 6 OF 6

AB4788

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AVERT

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DR.

DODEN

ENG. APP.

REL. CK.

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E.N. NO.

Balloon #	Mfg qty	Component	Product Description
1	1.00	83418A	CORE, EVAPORATOR
2	1.00	55553	VALVE, EXPANSION 1-1/2 TON FOR R134A
3	1.00	1009426	THERMOSTAT
4	1.00	1009428	KNOB
5	2.00	53656	RETAINER CLIP
6	4.00	23455	SEAL, BULK 3.75X.12
7	2.00	1051091	O-RING, A/C FTG #8
8	4.00	10013	CAPSCR, HX, 3/8-16NC X 1-1/4 GR 5
9	1.00	53332	MOUNT, ADAPTER ADAPTS SANDEN SD510 S COMPRESSOR TO MOUNT FOR TECUMSEH OR YORK HARDWARE.
10	1.00	55874	COMPRESSOR-R134A SANDEN SD510 P/N4527 24 VOLT CLUTCH 2 "A" SHEAVES 5.19 OD
11	1.00	62364U	MOUNT, COMPRESSOR
12	1.00	12453	BELT-V SINGLE A
14	4.00	55884-035	CAPSCR, HX, M12X1.75 X 35MM LG, GR10.9
15	4.00	22465	WSHR, FL, 1/2
16	1.00	83535C	GUARD, BELT
17	3.00	56155	SCR, SHLDR, SKTHD, 5/8 X 1" GR 8, 1/2-13UNC
18	1.00	10028	CAPSCR, HX, 1/2-13NC X 1-1/4 GR 5
19	1.00	17453	BOLT TAP 1/2NCX8
20	1.00	51965	CONDENSOR, AIR COND
21	1.00	1009442	RECEIVER DRYER
22	1.00	71778A	MOUNT, REC, DRY
23	1.00	25243	CLAMP-U BOLT 3" I. D.
24	1.00	29912	HARNESS-SW(TRINARY)
25	4.00	10029	CAPSCR, HX, 1/2-13NC X 1-1/2 GR 5
26	4.00	17412	NUT, HX, CRNLK, 1/2-13NC STD GR B
27	4.00	22465	WSHR, FL, 1/2
28	1.00	55354	SERVICE VALVE, #10 MALE BUMPED TUBE O-RING -- R134A REFRIGERANT
29	1.00	55355	SERVICE VALVE, #8 MALE BUMPED TUBE O-RING -- R134A REFRIGERANT

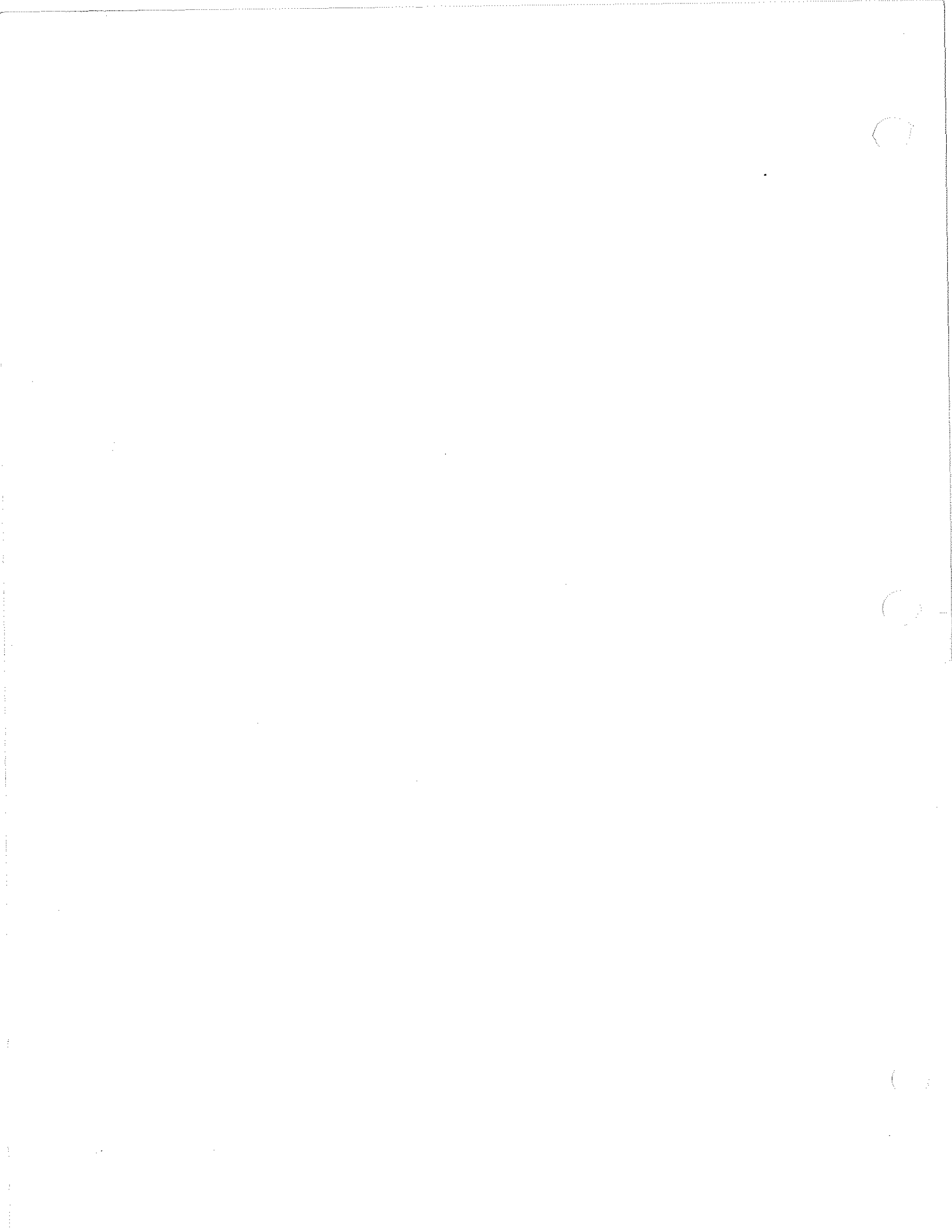


CAD™

AIR CONDITIONER ASSEMBLY

SHEET 1 OF 2

A84788N



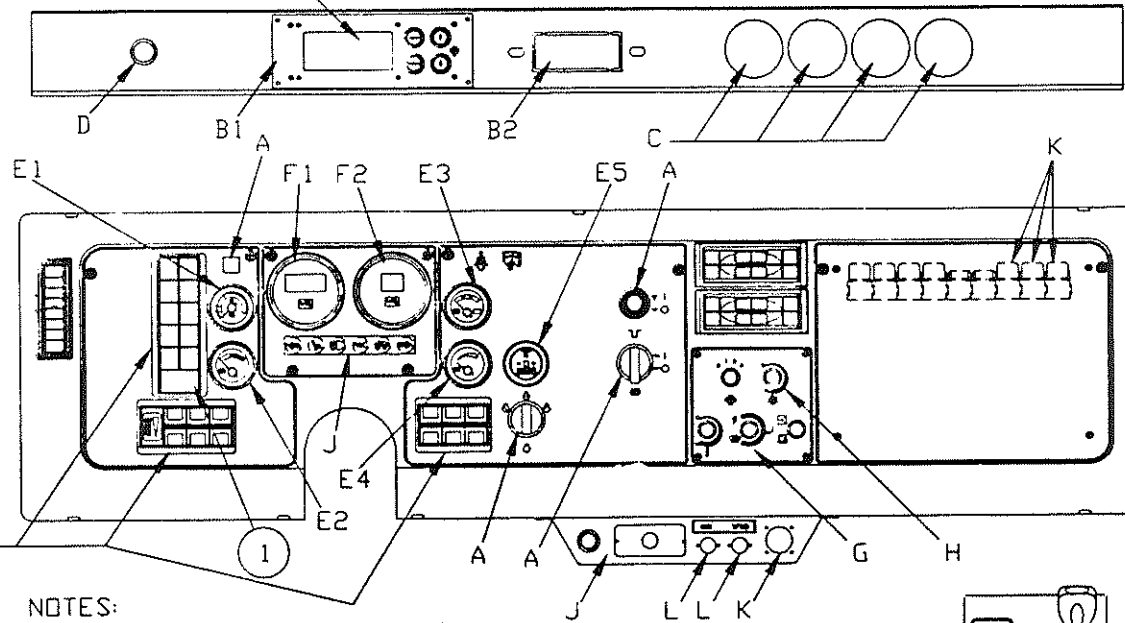
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MASSIE
ELLIS

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85039J

MOUNT IN EXISTING CUTOUT



SEE SHT 2 FOR LIGHT
& SWITCH ARRANGEMENT

NOTES:

- A-SEE ROPS CAB ELEC ASSY
- B-SEE ACCESSORY MODULE
- B1-WEIGH SYSTEM
- B2-RADIO
- C-SEE RESTRICTION IND ASSY
- D-SEE WINDSHIELD WIPER ASSY
- E-SEE CAB GAUGE ASSY
- E1-OIL PRESS E2-WATER TMP
- E3-VOLTMETER E4-FUEL
- E5-HOURMETER
- F-SEE SPEEDOMTR & TACH ASSY
- F1-TACHOMETER F2-SPEEDOMETER
- G-SEE HEATER ASSEMBLY, CAB
- H-SEE AIR CONDITIONING ASSY
- I-SEE CAB SHIFTER ASSY
- J-SEE DASH & SHROUD ASSY
- K-SEE ENGINE ELECTRIC ASSY
- L-SEE CAB HARNESS INSTALLATION



CAB CONFIGURATION
ASSEMBLY

80RAX, MT4400 S/N111-137

SHEET 1 OF 3

85039J

UNIT NO.

90987

91026

REL. DC

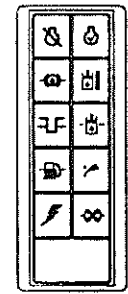
ENC. APP

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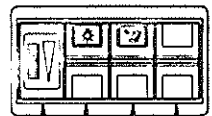
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85039J

STOP ENGINE (HI DP CHNL 2) NOTE A, J
 LOW BRAKE PRESSURE (LO DP CHNL 5) NOTE A, J
 LOW STEERING PRESSURE (HI DP CHNL 5) NOTE A, J
 LOW FUEL (LO DP CHNL 8) NOTE A, J
 SYSTEM FAULT (LO DP CHNL 7) NOTE A, J
 SPARE, NOTE J



CHECK ENGINE (HI DP CHNL 1) NOTE A, J
 HYD OIL TMP (LO DP CHNL 4) NOTE A, J
 LOW HYD OIL (LO DP CHNL 3) NOTE A, J
 AUTO LUBE () NOTE A, J
 BLOWER FAULT (LO DP CHNL 6) NOTE A, J
 SPARE, NOTE J



PANEL DIM RHEOSTAT, NOTE A, J
 HEAD LIGHTS, NOTE A, J
 SPARE, NOTE J
 STAIR WAY LIGHT, NOTE A, J



AUTOLUBE TEST, NOTE A
 DATA STORE, NOTE A
 SYSTEM FAULT RESET, NOTE A

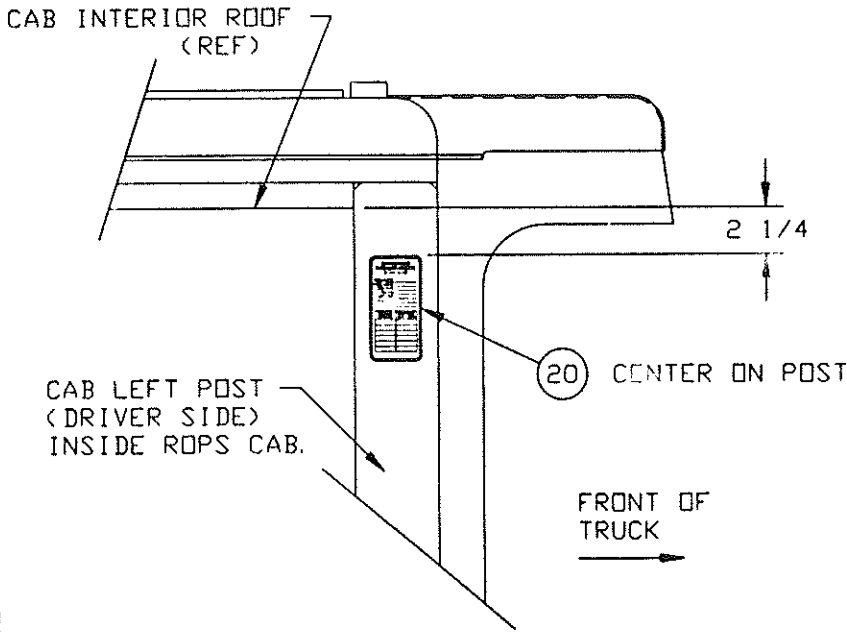
CAB CONFIGURATION ASSEMBLY

SHEET 2 OF 3

85039J

85039J

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SPEED LIMIT NAMEPLATE

SLF
 ENG. APP.

REL. CR.

ITM	QTY PER ASSY	COMPONENT	DESCRIPTION
1	1.00	83342A	INSERT-BEZEL PLUG FOR 83337A-F BEZELS
20	1.00	85163A	NAMEPLATE (DWG A-Z)

91026
 90987
 E.N. NO.



CAB CONFIGURATION
 ASSEMBLY

SHEET 3 OF 3

85039J



85103C

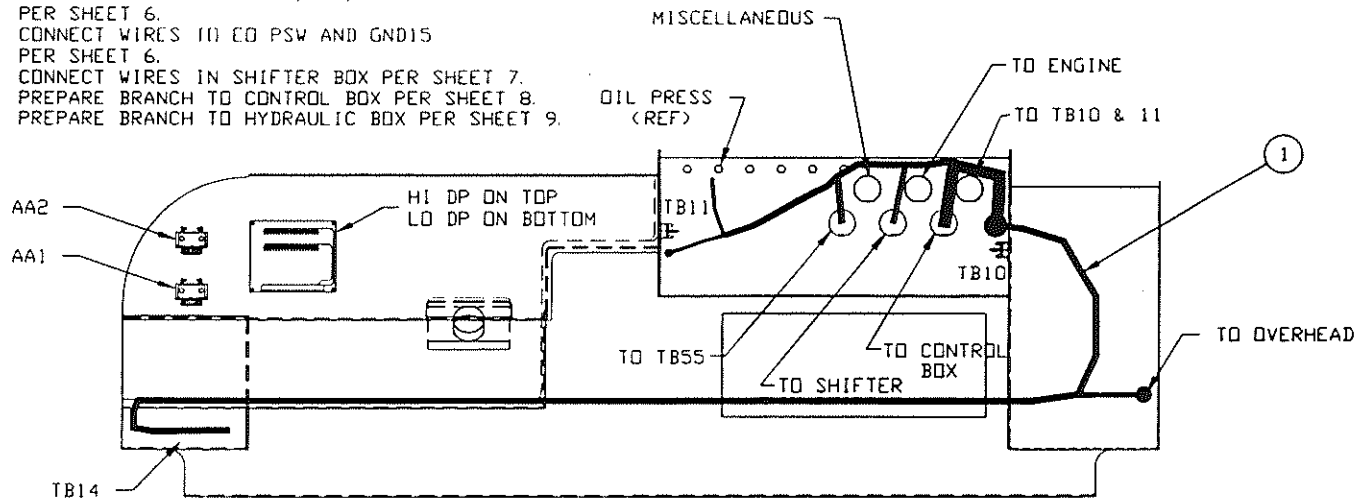
ALL WIRING PER APPROPRIATE 24V OR OPTION SCHEMATIC.

NOTE: HARNESS #84205E CONTAINS ADDITIONAL WIRES, FOR OPTIONS OR ACCESSORIES, WHICH WILL NOT BE REQUIRED PER THIS INSTALLATION. THESE WIRES SHOULD BE ROUTED TO THEIR TERMINATION AREA, EXCEPT WEIGH SYSTEM WIRES TO CONTROL BOX, FOLDED BACK AND INSULATED. WEIGH SYSTEM WIRES TO CONTROL BOX SHOULD BE FOLDED BACK, INSULATED AND RETAINED UNDER CONTROL BOX BUNDLED TO EXISTING WIRING.

INSTALLATION GUIDELINES

1. PLACE DASH (WITH ALL COMPONENTS) IN FIXTURE.
2. PLACE CAB HARNESS (84205E) SUCH THAT BRANCHES LINE UP WITH APPROPRIATE DASH PANELS.
3. CONNECT WIRES TO 'H/TLT SW' PANEL PER SHEET 2.
4. PLUG IN CONNECTORS FOR SPD M, TAC M, AND INDP.
5. WIRE 'ES/S SW' PANEL PER SHEET 3.
6. PLUG IN CONNECTOR FOR FAN SW.
7. MOUNT COMPONENTS AND WIRE 'TB15' PANEL PER SHEET 4.
8. MOVE DASH AND HARNESS TO CAB SHELL.
9. ROUTE HARNESS BRANCHES TO GENERAL AREA WHERE THEY WILL BE TERMINATED.
10. CONNECT WIRES PER SHEET 5 FOR GND16, AA1, AND AA2.
11. PLUG IN CONNECTORS FOR LD DP, HI DP, AND FBK SW.
12. PLUG IN CONNECTORS FOR H AND MF SW ON STEERING COLUMN.
13. PLUG IN CONNECTORS FOR RP RH AND TP RH AT FOOT PEDALS.
14. CONNECT CB1 THROUGH CB9 AND AL TMR PER SHEET 5.
15. MOUNT CONNECTOR PSSC AND LIGHTER INTO ASHTRAY BRACKET.
16. PLUG IN CONNECTORS FOR FAN MOT1, FAN MOT2, FAN RES1A, FAN RES1B, FAN RES2A, AND FAN RES2B.
17. REMOVE CONNECTORS 'WR MOT' AND 'WR SW' THEN ROUTE WIRES TO OVERHEAD. CONNECT WIRE IN OVERHEAD PER SHEET 5.
18. CONNECT WIRES TO GND17, CS, AND M SW PER SHEET 6.
19. CONNECT WIRES TO ED PSW AND GND15 PER SHEET 6.
20. CONNECT WIRES IN SHIFTER BOX PER SHEET 7.
21. PREPARE BRANCH TO CONTROL BOX PER SHEET 8.
22. PREPARE BRANCH TO HYDRAULIC BOX PER SHEET 9.

ITM	QTY PER ASSY	COMPONENT	DESCRIPTION
1	1.00	84205E	HARNESS, CAB WIRE FOR ALL 'ROPS' CAB UNITS -- INCLUDES ALL COMMON WIRES + WEIGH SYSTEM, STATEX III SERIAL CABLE, DIGITAL TACH OPTION & BODY-UP OVERRIDE SW.
4	1.00	916024	PLUG
5	3.00	916023	CONTACT, PIN
6	1.00	916025	CLAMP, 9 PIN CABLE
7	2.00	916033	SCREW, MALE RETAINING
8	1.00	16749	TERM. -ELEC #8: 10
9	3.00	20641	TERMINAL-RING TONGUE #10 HOLE, 16-14 AWG
11	38.00	20707	TERM RING TONGUE #10 HOLE, 18 AWG
13	16.00	84024B	CONDUIT (DWG84024A-Z) I. D. 1.00 (25MM)
14	30.00	84024C	CONDUIT (DWG84024A-Z) I. D. .625 (16MM)
17	10.00	23394	SLEEVE BULK HT SHRINK 1/8" TO 1/16"
18	3.00	19358	SLEEVE BULK HT SHRINK 1/4" TO 1/8"



CAB HARNESS
INSTALLATION

SHEET 1 OF 9

85103C

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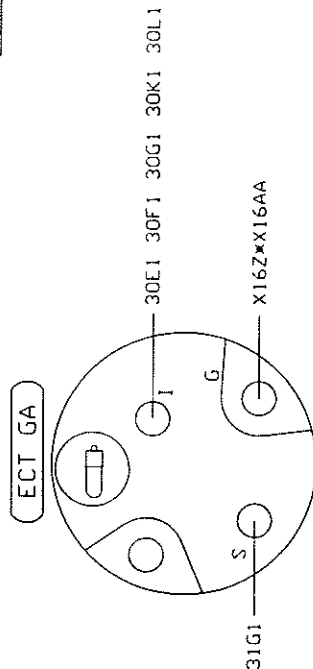
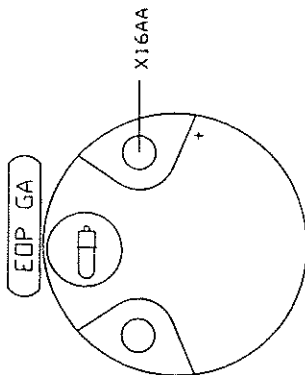
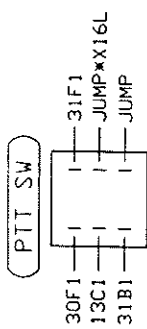
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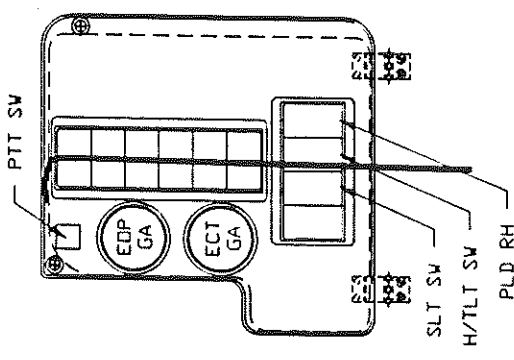
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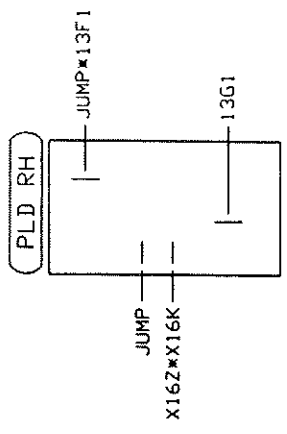
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 OR _____
 THE APP. _____
 REC. OR _____



CE IND	51H2 X16N	—	—	51J2 X16P	SE IND
HIHOT IND	50D1 51D1*51D3	—	—	30L1 31L1*31L3	LOBKP IND
LOHOL IND	30K1 31K1*31K3	—	—	51F3 X16G	LOSTRP IND
AL IND	51C2 X16E	—	—	30E1 31E1*31E3	LDF IND
BF IND	80C1 88D2*88D3	—	—	80F1 88B2*88B3	SF IND



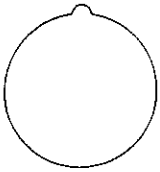
NOTE: PLUG IN CONNECTORS FOR 'SLT SW' AND 'H/TLT SW'.



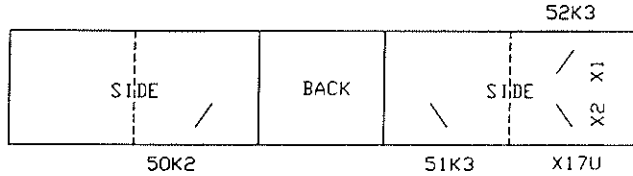
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SLF
DR. APP.
REL. CR.

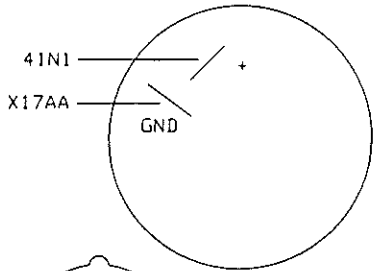
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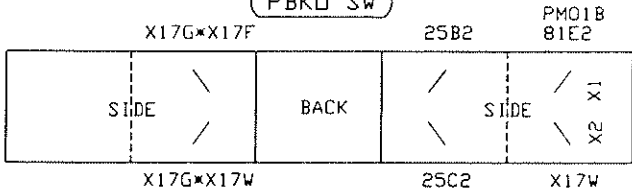
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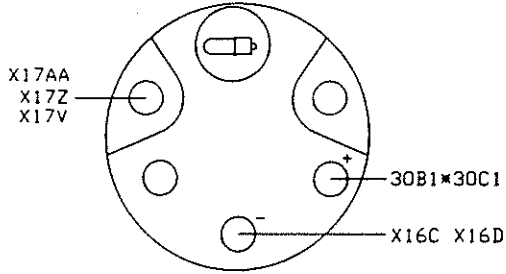
HM



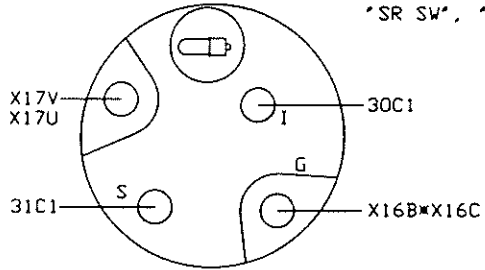
PBKD SW



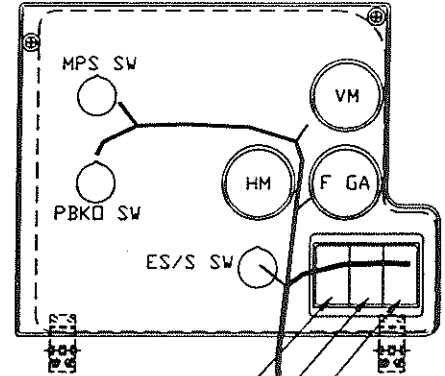
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F GA

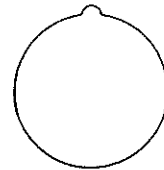


NOTE: PLUG IN CONNECTORS FOR "SR SW", "DS SW", AND "ALT SW".

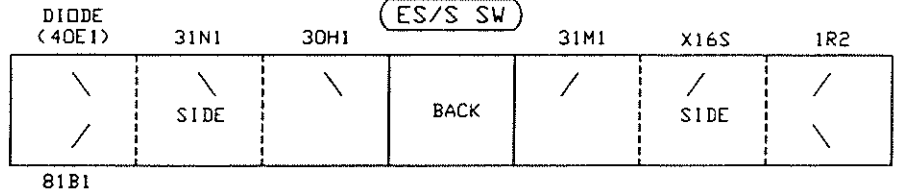


SR SW
DS SW
ALT SW

NOTE: PLUG IN DC/AC CONV1 CONNECTOR. VERIFY X17J WIRE CONNECTS TO BLACK WIRE.



ES/S SW

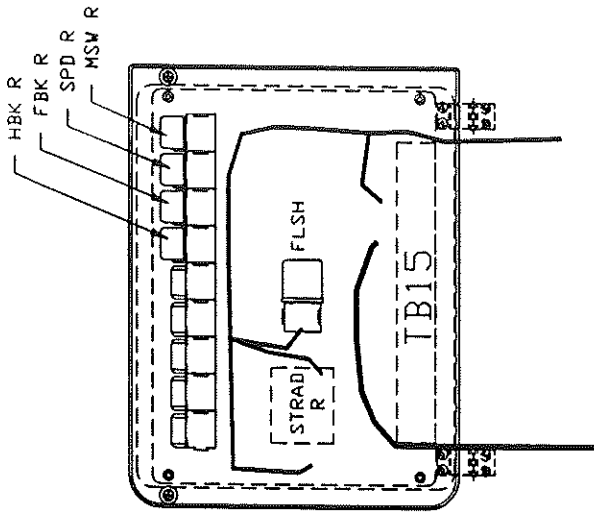
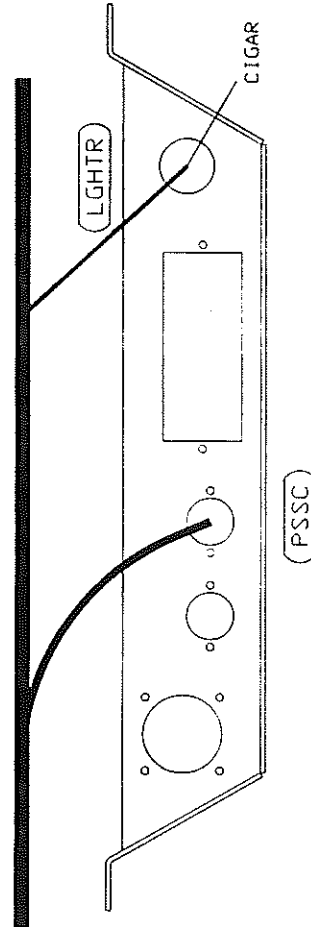
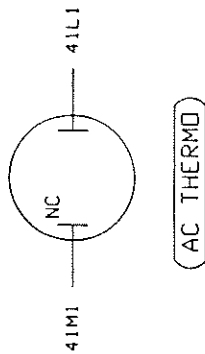


CAB HARNESS
INSTALLATION

SHEET 3 OF 9

85103C

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 COPYRIGHT DATE _____
 SLF _____
 TUC/PP _____
 REL/CK _____



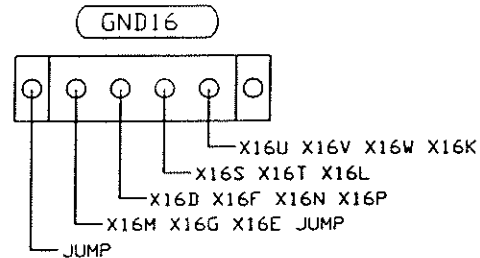
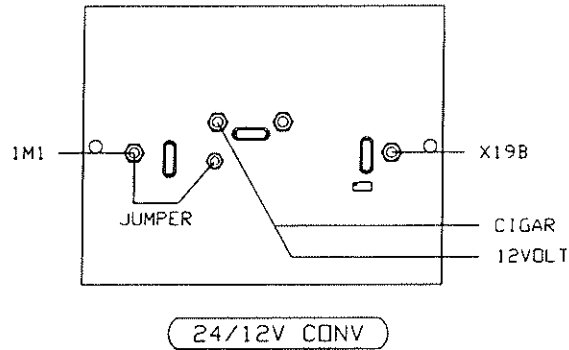
NOTE: MOUNT RELAY SOCKETS AND FLSH SOCKET ON PANEL.

STRAD R	
22F1	50E2
3	1
4	8
5	7
6	X17D

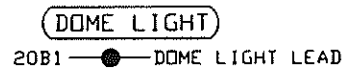
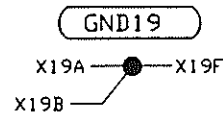
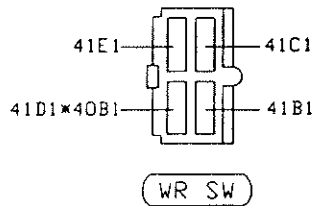
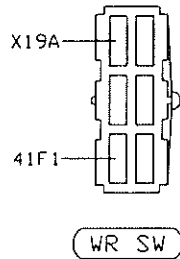
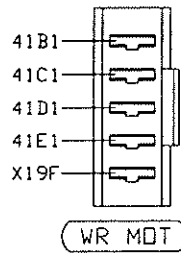
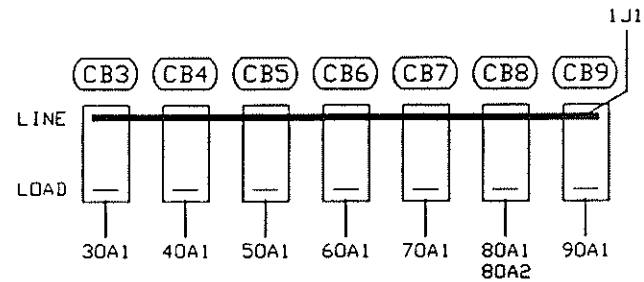
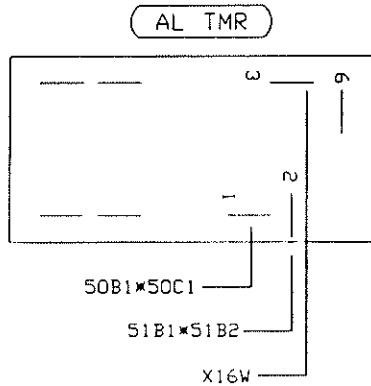
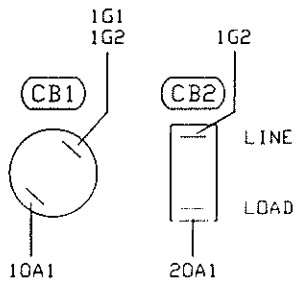
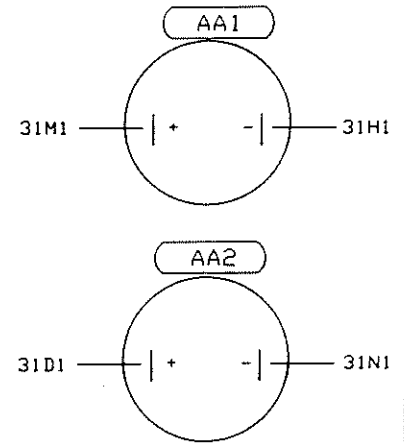


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NOTE: GROUND WIRES MAY BE CONNECTED IN DIFFERENT POSITION THAN SHOWN ABOVE BUT ALL WIRES SHOWN MUST BE ON ONE OF THE FOUR STUDS.



**CAB HARNESS
INSTALLATION**

SHEET 5 OF 9

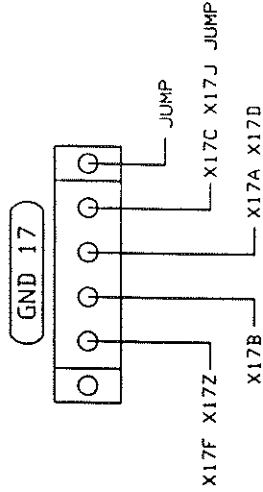
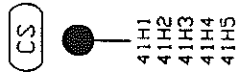
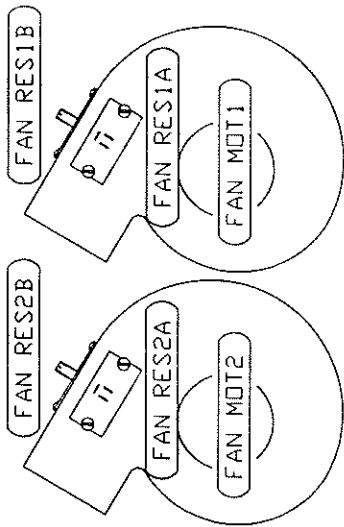
85103C

90963

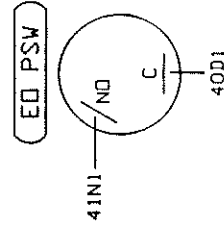
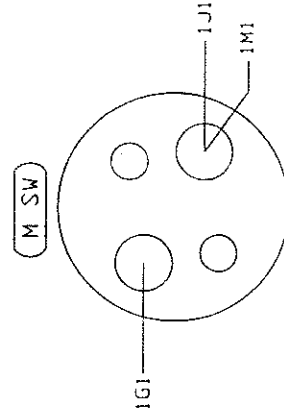
E.N. NO.

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SLF	REL. DK	90963	E.N. NO.



NOTE: GROUND WIRES MAY BE CONNECTED
 IN DIFFERENT POSITION THAN SHOWN
 ABOVE, BUT ALL WIRES SHOWN MUST BE
 ON ONE OF THE FOUR STUDS.



CAB HARNESS
 INSTALLATION
 SHEET 6 OF 9



85103C

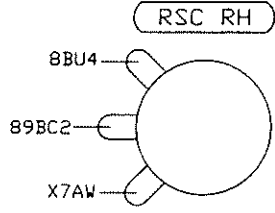
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SLF

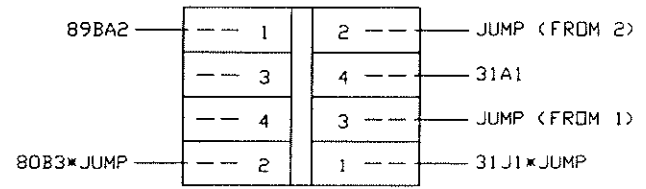
REL &

90963

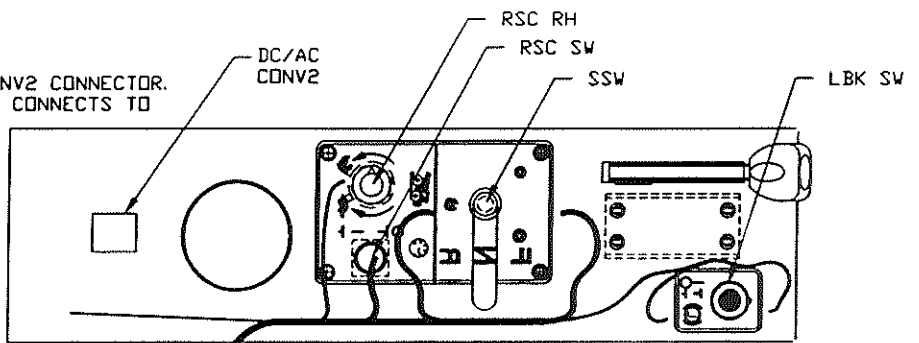
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RSC SW

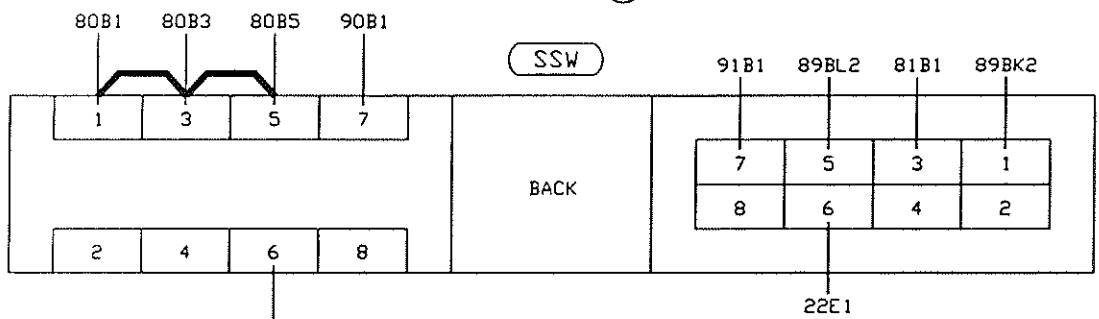


NOTE: PLUG IN DC/AC CONV2 CONNECTOR. VERIFY X15E WIRE CONNECTS TO BLACK WIRE.

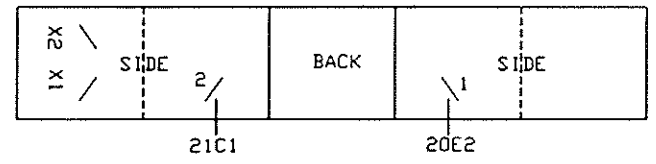


NOTE: COVER WIRE BUNDLE FROM GRIP AT FRONT OF CAB TO CENTER CONSOLE WITH 72 INCHES OF SPLIT CONDUIT (ITEM 14).

14



LBK SW



CAB HARNESS INSTALLATION SHEET 7 OF 9

85103C

85103C

CONTROL BOX CONNECTIONS:

PREPARE WIRE HARNESS (DURING CAB ASSY)
AS SHOWN TO THE RIGHT THEN CONNECT IN
CONTROL BOX AS FOLLOWS;

ID	WIRE #:	TERMINAL:
CNTRL BOX	3CS20	-
PSSC2-5	BLK	916023
PSSC2-3	WHT	916023
PSSC2-2	RED	916023
TB7E	89BJ2	20707
TB6D	8BB2	20707
TB6G	90D1	20641
TB6T	20A2	20707
TB5D	89BF2	20707
TB5E	X7AX	20707
TB5F	89BA2	20707
TB5G	89BB2	20707
TB5H	89BC2	20707
TB5J	X7AW	20707
TB5K	89BK2	20707
TB5L	89BL2	20707
TB5M	8BU3	20707
TB5P	8BW2	20707
TB5S	89AW4	20707
TB5T	X7CR	20707
TB5V	8EK2	20707
TB5X	8BD2	20707
TB3L	81W2	20707
TB2L	80A2	16749
TB1A AREA	2CS07	-
TB1A	7A4-WHT	20707
TB1B	7B4-BLK	20707
TB1C	SHLD	20641
TB1G AREA	2CS08	-
TB1G	7E4-WHT	20707
TB1H	7F4-BLK	20707
TB1J	SHLD	20641
TB1M	25A11	20707
TB1N	89CR2	20707
CNTRL BOX(TB2)	SPR50A	-
CNTRL BOX(TB2)	SPR50B	-
CNTRL BOX(TB2)	SPR50C	-
CNTRL BOX(TB2)	SPR50D	-
CNTRL BOX(TB2)	SPR50E	-
CNTRL BOX(TB2)	SPR50F	-

PSSC2, 3CS20, 90'
PSSC2-5, BLK
PSSC2-3, WHT
PSSC2-2, RED

LENGTHS LISTED AT DEVICE ARE
FROM BOTTOM OF WIRE TRAY.

TB7E, 89BJ2, 122'

TB6D, 8BB2, 40-1/2'

TB6G, 90D1, 40'

TB6T, 20A2, 34-1/2'

TB2L, 80A2, 14'

CNTRL BOX(TB2), SPR50A-F, 45'

- TB5D, 89BF2, 42'
- TB5E, X7AX, 40'
- TB5F, 89BA2, 41'
- TB5G, 89BB2, 39'
- TB5H, 89BC2, 40'
- TB5J, X7AW, 37-1/2'
- TB5K, 89BK2, 38-1/2'
- TB5L, 89BL2, 36-1/2'
- TB5M, 8BU3, 37-1/2'
- TB5P, 8BW2, 36-1/2'
- TB5S, 89AW4, 35'
- TB5T, X7CR, 33'
- TB5V, 8EK2, 34'
- TB5X, 8BD2, 33'

TB3L, 81W2, 24-1/2'

- TB1A, 7A4-2CS07-WHT, 18'
- TB1B, 7B4-2CS07-BLK, 19'
- TB1C, 2CS07-SHLD, 18'
- TB1G, 7E4-2CS08-WHT, 14-1/2'
- TB1H, 7F4-2CS08-BLK, 15-1/2'
- TB1J, 2CS08-SHLD, 14-1/2'
- TB1M, 25A11, 13-1/2'
- TB1N, 89CR2, 11-1/2'

SEE BELOW

ADD ENGINE OR OPTION
WIRING (GOING TO CONTROL BOX)
BEFORE INSTALLING CONDUIT.



2CS07 & 2CS08 PREPERATION

WIRE NUMBER ON
BLACK & WHITE WIRES.

BOTTOM OF WIRE TRAY

GRIP AT CONTROL BOX

GRIP AT CAB

WEIGH SYSTEM
PAL1A XP20
PG01 XP21
PM01B P2C20
PT01 P3C01
P3C02



CAB HARNESS
INSTALLATION

SHEET 8 OF 9

85103C

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E.A. APP.
REL. 22

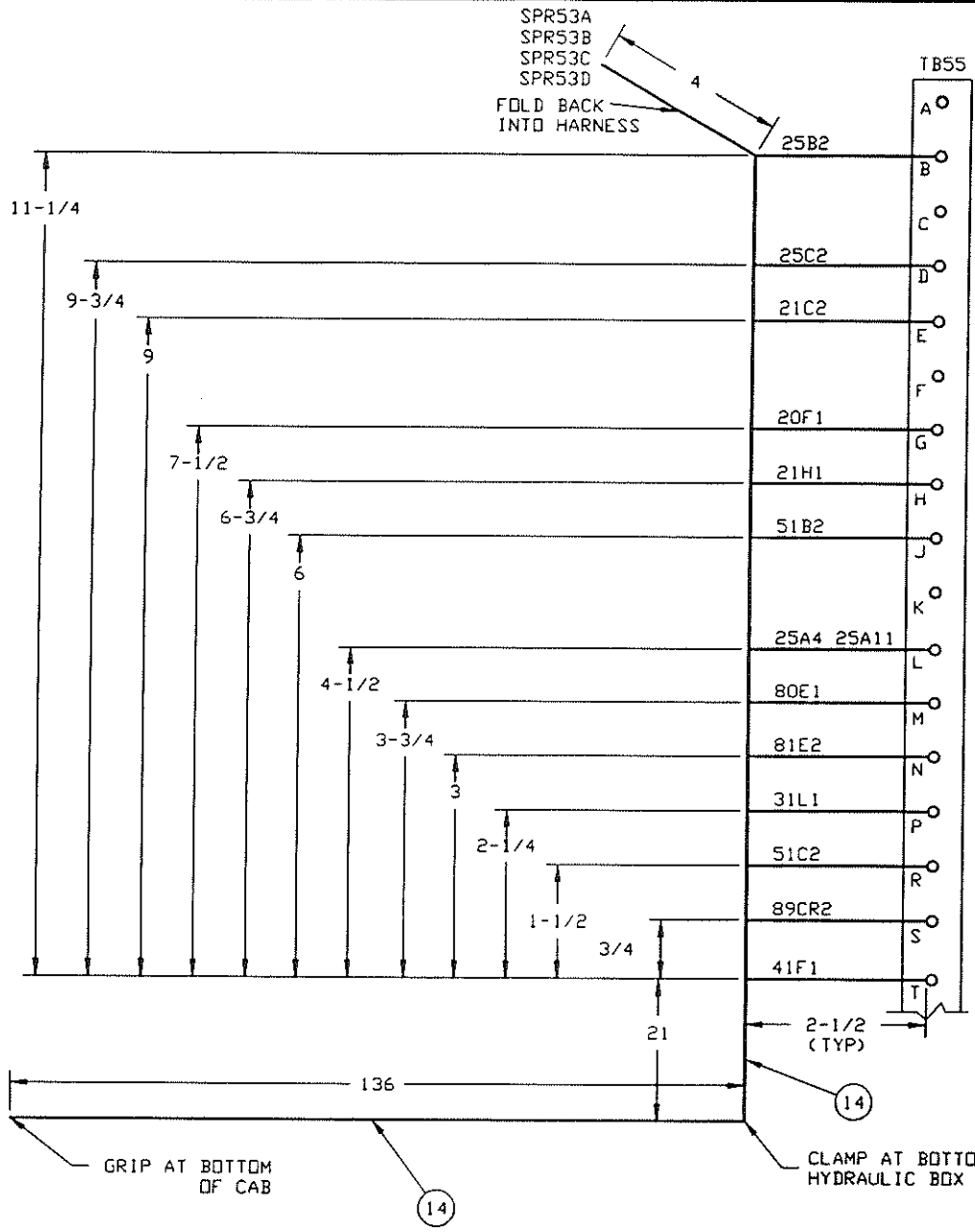
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90963
E.N. NO.



HYDRAULIC BOX CONNECTIONS:
PREPARE WIRE HARNESS (DURING CAB ASSY) AS SHOWN TO THE LEFT THEN CONNECT IN HYDRAULIC BOX AS FOLLOWS;

ID	WIRE#	TERMINAL
HYD BOX(TB55)	SPR53A	NONE
HYD BOX(TB55)	SPR53B	NONE
HYD BOX(TB55)	SPR53C	NONE
HYD BOX(TB55)	SPR53D	NONE
TB55B	25B2	20707
TB55D	25C2	20707
TB55E	21C2	20707
TB55G	20F1	20707
TB55H	21H1	20707
TB55J	51B2	20707
TB55L	25A4	20707
TB55L	25A11	20707
TB55M	80E1	20707
TB55N	81E2	20707
TB55P	31L1	20707
TB55R	51C2	20707
TB55S	89CR2	20707
TB55T	41F1	20707



CAB HARNESS
INSTALLATION
SHEET 9 OF 9
85103C

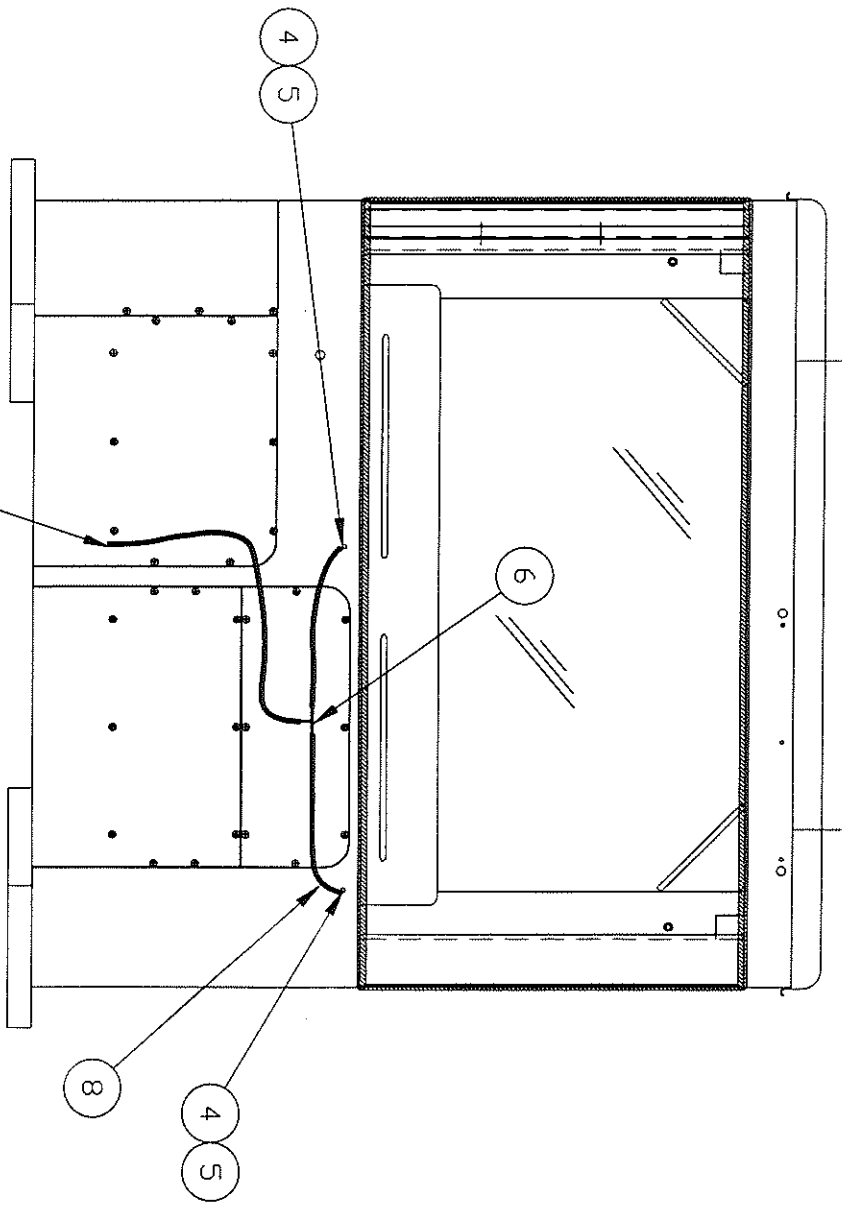
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DR: T. DODDEN
ENG. APP: NIELSEN
REL. CK: J. ELLIS

E.N. NO. 90651



IN BULKHEAD

WINDSHIELD WASHER
ASSEMBLY

SHEET 1 OF 2

A85115



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DR.

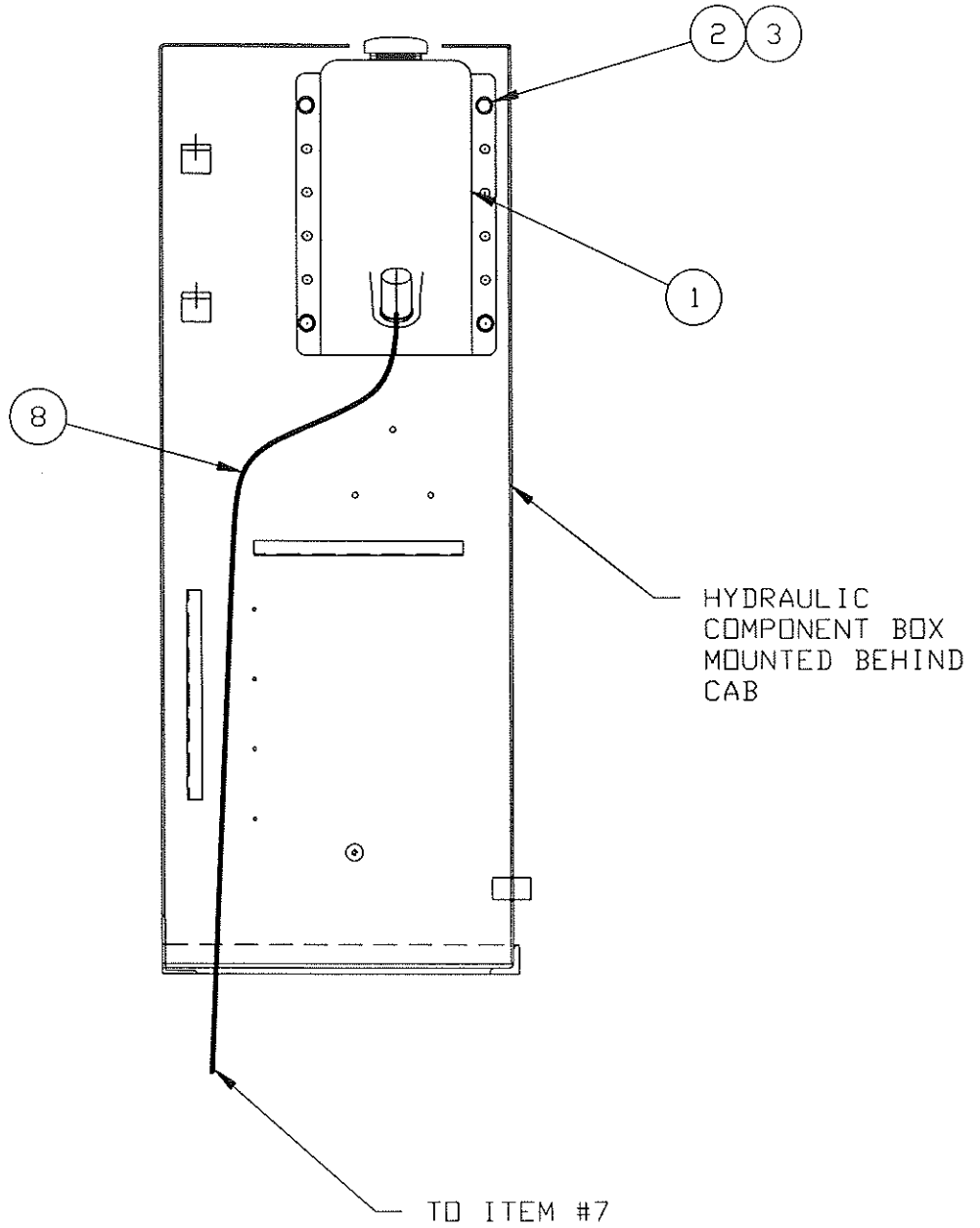
T. DODEN

ENG. APP.

REL. CK.

90651

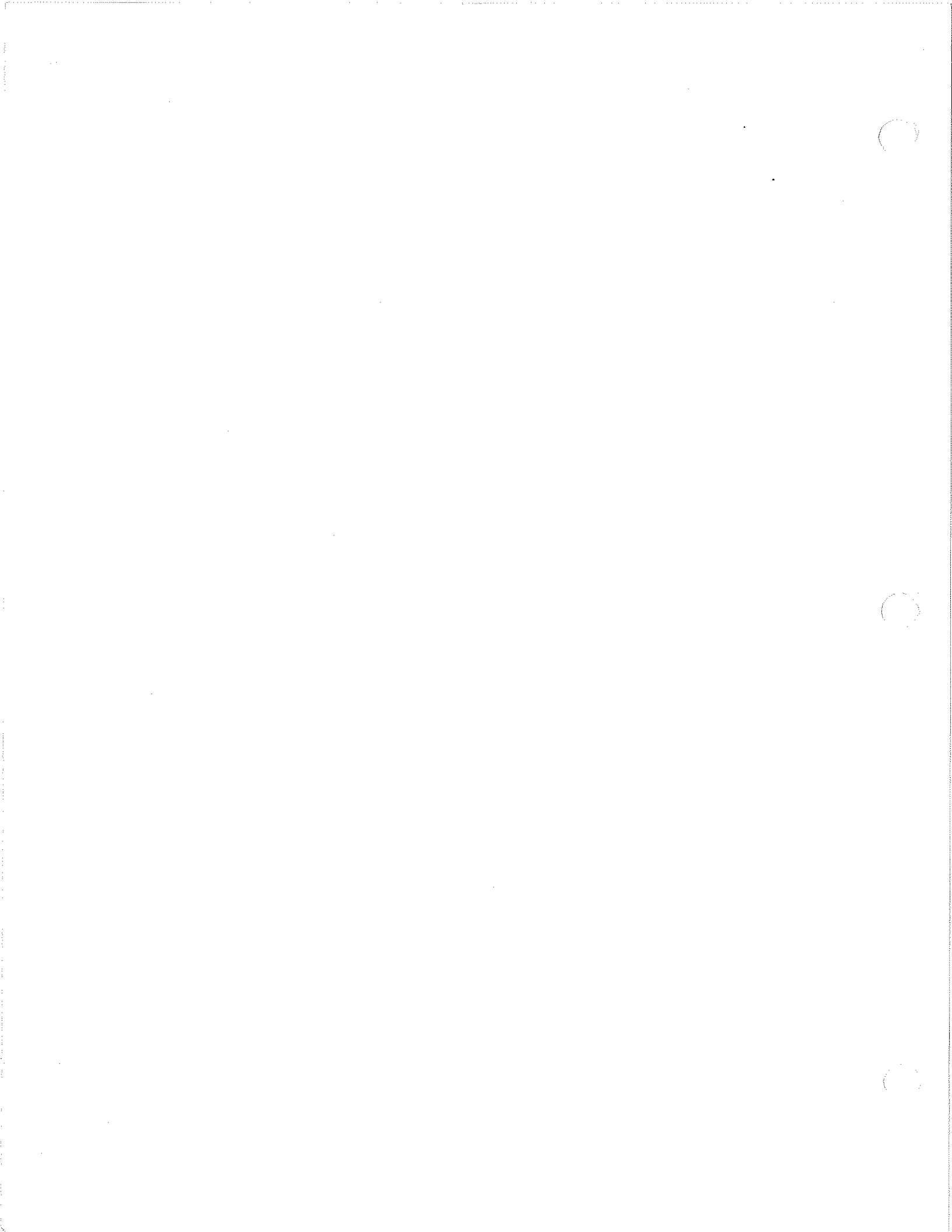
E.N. NO.



WINDSHIELD WASHER
ASSEMBLY

SHEET 2 OF 2

A85115



A85115A

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7/9/98

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ITM	QTY PER ASSY	COMPONENT	DESCRIPTION
001	1	53345	KIT-WASHER BOTTLE
002	4	16732	CAPSCR, HX, 5/16-18NC X 5/8 GR 5
003	4	10179	WSHR, LK, HELI, 5/16 X .586 OD
004	2	56270	NOZZLE, W/S WASHER
005	2	10126	NUT, HX, 3/8-16NC STL GR 5
006	1	56271	TEE, W/W HOSE 3/16
007	1	56272	FITTING, 90 DEG BLKHD
008	200	25813	HOSE BULK 5/32 I.D.
099	REF 1	IN A85115	DWG ONLY, WNDSHLD WSHR

FOR ROPS CAB
INCLUDES:
2 NOZZLES MTD BELOW
WINDSHIELD
6 QUART BOTTLE MTD
IN HYD. COMP.
BOX.
ACTUATED BY WIPER
SWITCH

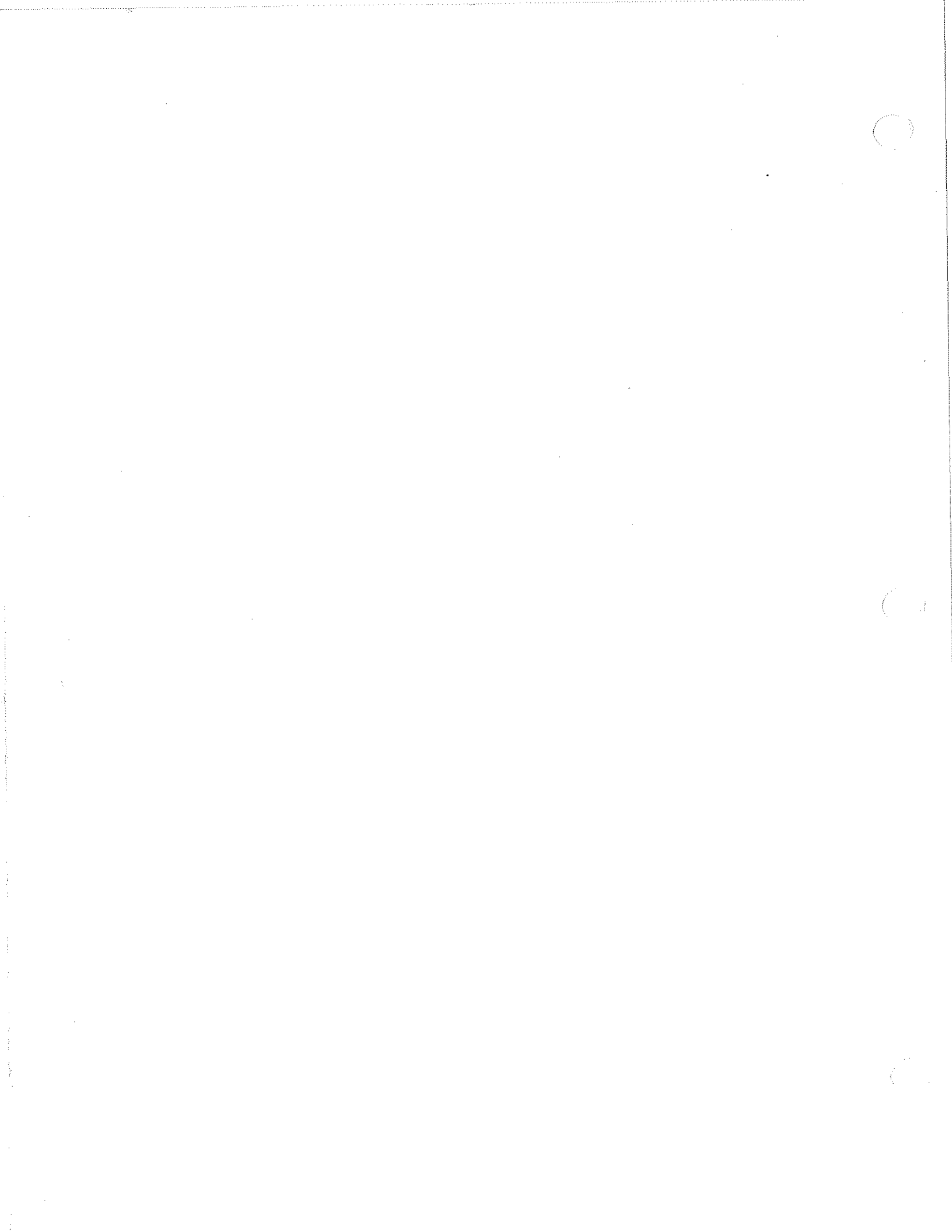
DR.
T. DODEN
ENG. APP.
NIELSEN
REL. CK.
Ellis

90651
E.N. NO.



WINDSHIELD WASHER ASY

SHEET / OF /
ASSY.
NO. A85115A



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A85142

AVERT

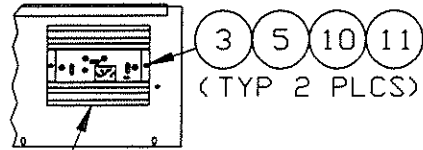
EN. NO. 90827
90944

REL. CK.
ENG. APP. MASSIE DR.

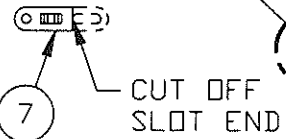
TRIM 4 TIE PLATES PER DETAIL, CENTER WITH OVERHEAD ACCESS HOLE ALONG FACE OF POST, AND GLUE IN APPROX WHERE SHOWN.

GND 19

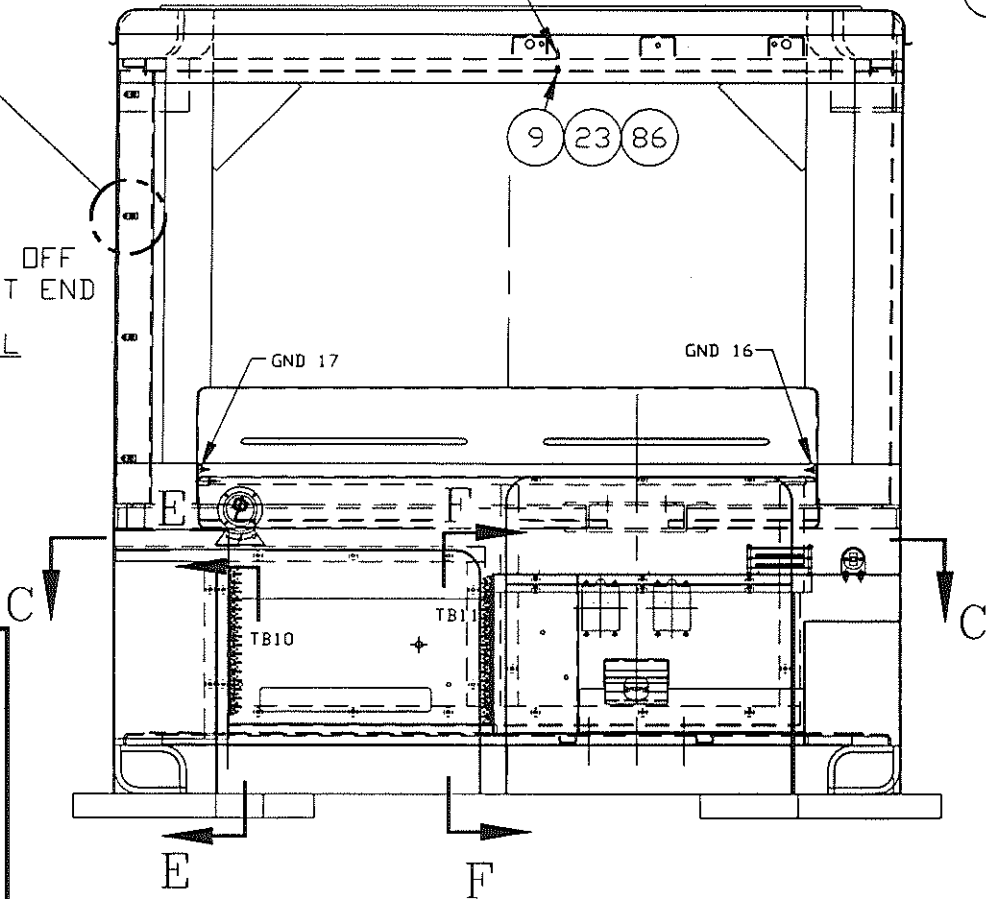
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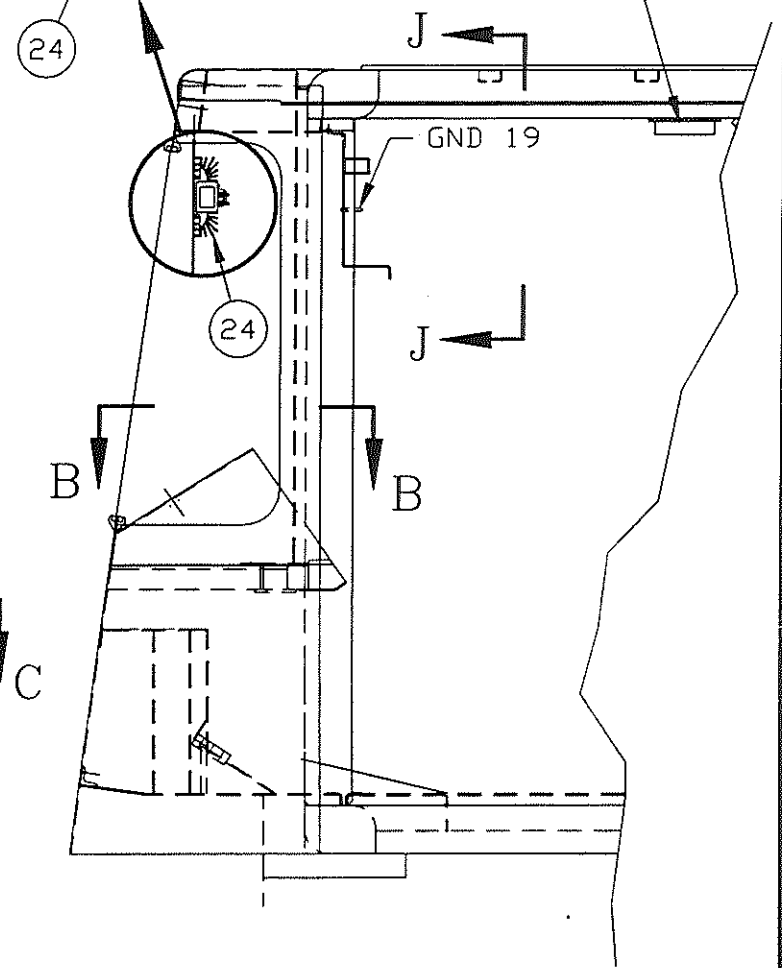
66 27



TRIM DETAIL



FRONT VIEW OF CAB



PARTIAL SIDE VIEW OF CAB

ROPS CAB ELECTRICAL
SHEET 2 OF 5
A85142

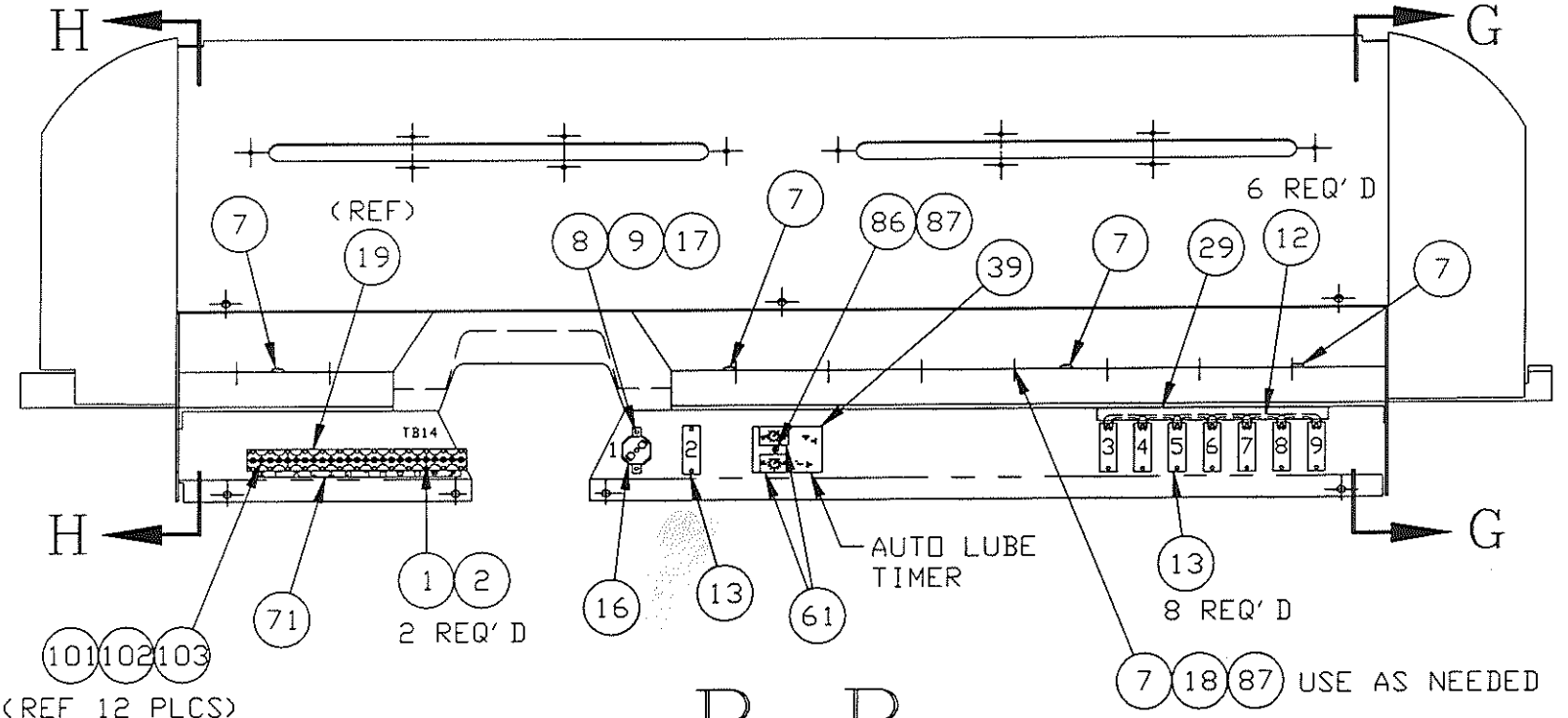
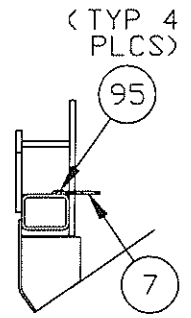
EN. NO. 90827
J944

REL. CK.
ENG. APP.
DR. MASSIE

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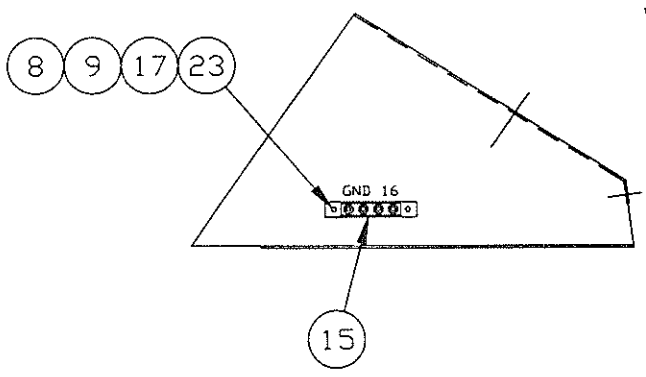
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ALVERT

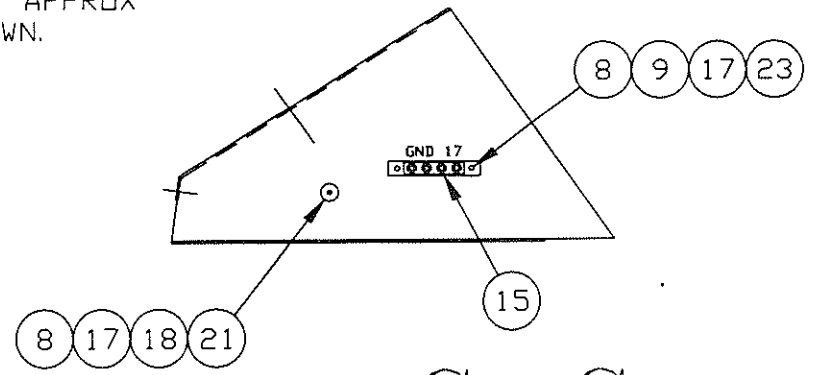


VIEW B-B

LOCATE ITEM 7 APPROX WHERE SHOWN.



SEC H-H



SEC G-G



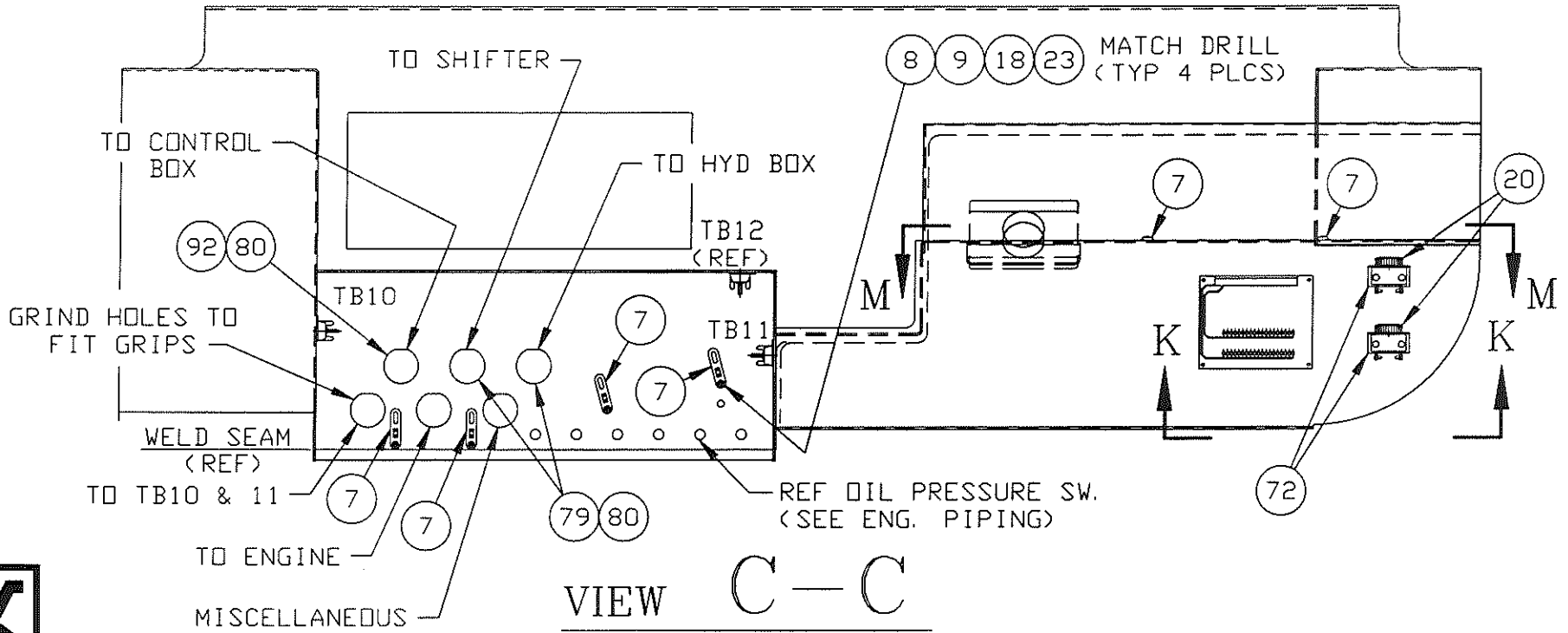
RDPS CAB ELECTRICAL
SHEET 3 OF 5
A85142

E.N. NO.
90827
90944

REL. CK.
ENG. APP.
DR.
MASSIE

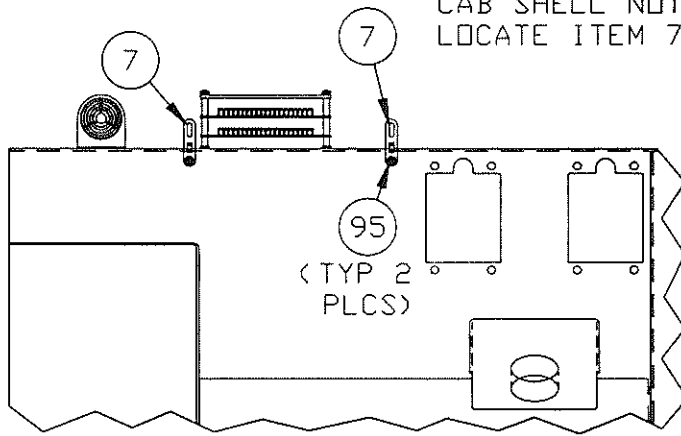
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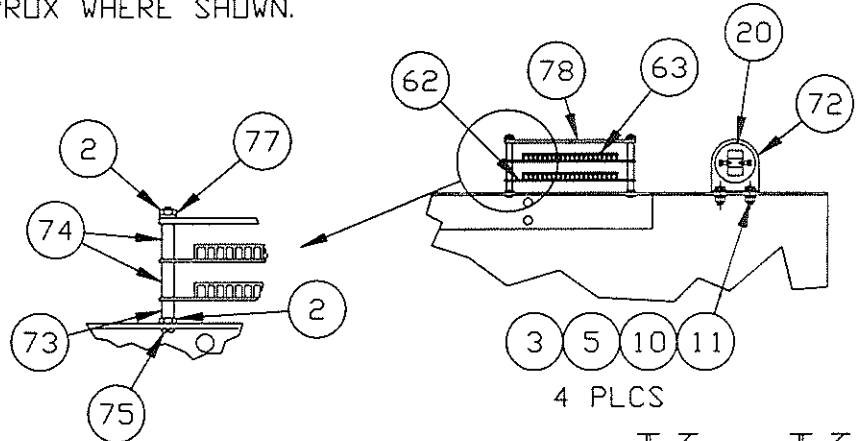


VIEW C-C

CAB SHELL NOT SHOWN FOR CLARITY
LOCATE ITEM 7 APPROX WHERE SHOWN.



VIEW M-M



DIODE PANEL MOUNTING
TYP 4 PLACES

VIEW K-K



ROPS CAB
ELECTRICAL
SHEET 4 OF 5
A85142

E.N. NO.
90827

944

REL. CK.

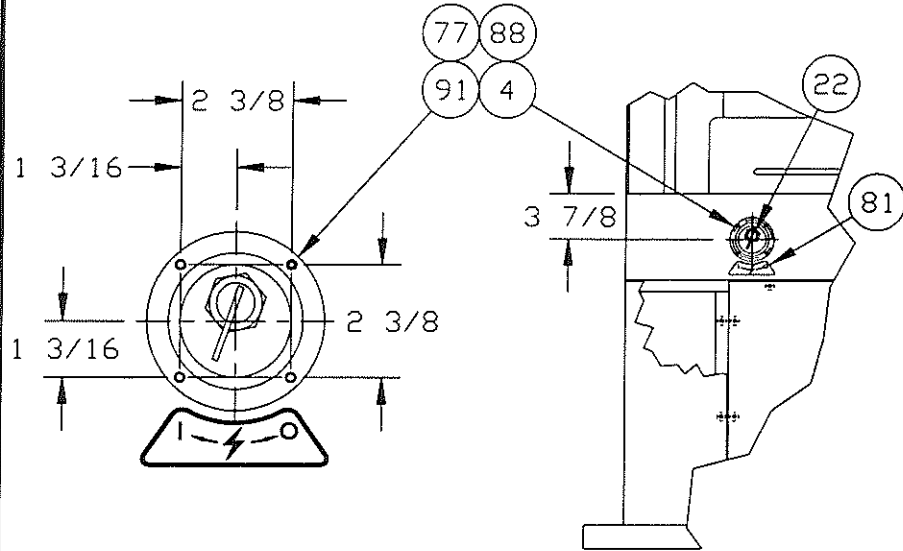
ENG. APP.

DR.
MASSIE

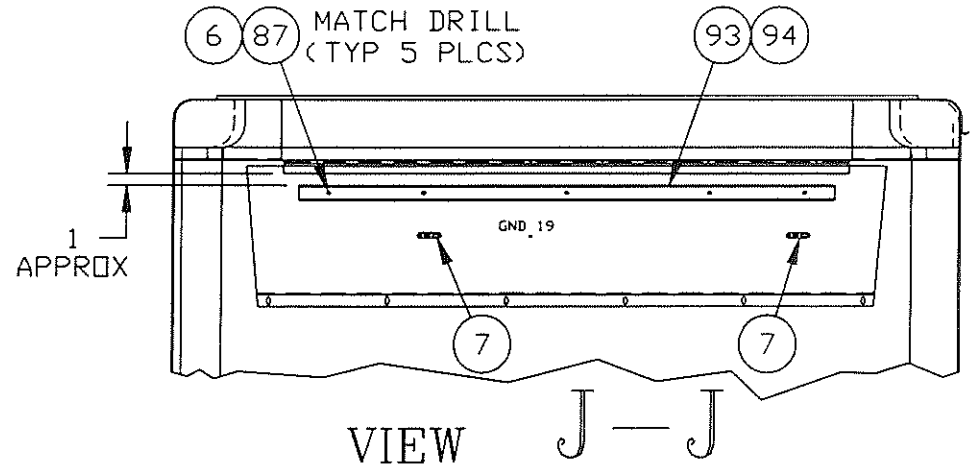
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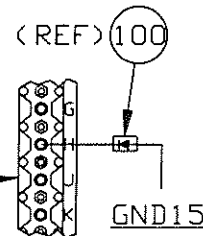


RIGHT FRONT OF CAB
MASTER SWITCH LOCATION

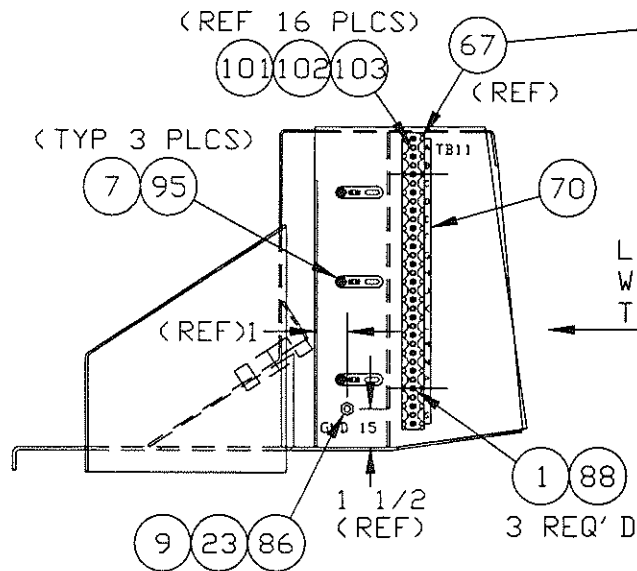


VIEW J-J

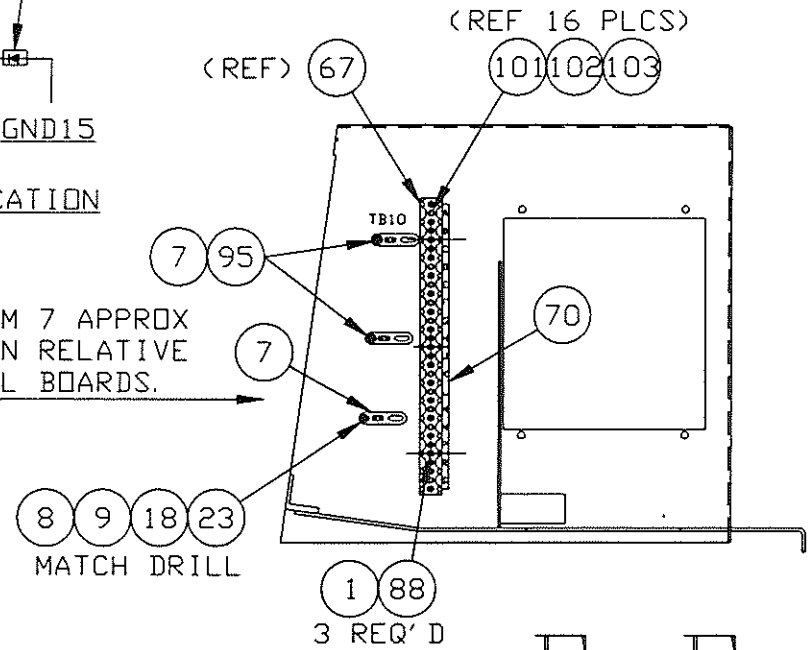
LOCATE ITEM 7 APPROX WHERE
SHOWN AND GLUE IN POSITION



DIODE LOCATION



SEC F-F



SEC E-E



ROPS CAB
ELECTRICAL
SHEET 5 OF 5
A85142

A85142B

SECRET

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 © COPYRIGHT DATE 04-05-99

DR
 MASSIE

ENC APP.
 SLF

REL CK
 ELLIS

ITM	QTY PER ASSY	COMPONENT	DESCRIPTION
1	10.00	25650	SCR, MACH, RHD, 6-32NC X 5/8 GR 2
2	18.00	10122	NUT-HEX(6-32 NC)
3	6.00	10124	NUT-HEX 1/4NC 20NC STEEL GRADE #2
4	8.00	15874	SCR, MACH, RHD, 6-32NC X 1 GR 2
5	6.00	10178	WSHR, LK, HELI, 1/4 X .489 OD
6	9.00	21968	SCR, MACH, PNH, 10-32NF X 1/4 GR 2
7	24.00	16999	PLATE TIE PANDUIT
8	8.00	22048	WSHR, FL#10 (SAE) X .437 OD
9	14.00	12867	NUT HEX 10-32
10	10.00	10162	WSHR, FL, 1/4 X 0.625 OD
11	4.00	52322	SCR, MACH, PNH, 1/4-20NC X 3/4 GR 2
12	6.00	18352	JUMPER ELECTRIC
13	8.00	19085	CIRCUIT BREAKER
14	.00	56275	JUMPER, TERMINAL BOARD
15	2.00	19395	BUS TERMINAL
16	1.00	20167	BREAKER-CIRCUIT
17	2.00	20926	SCR, MACH, HX, 10-32NF X 3/4 GR 2
18	6.00	17547	SCR, MACH, RHD, 10-32NF X 1/2 GR 2
19	.00	24121	TERMINAL STRIP
20	2.00	25662	ALARM ELEC WARNING
21	1.00	22883	STANDOFF CERAMIC
22	1.00	27647	SWITCH-LOCKING DPST
23	8.00	28537	WSHR, LK, HELI, #10 X .334 OD
24	1.00	83276B	CONVERTER, 24V-12V, 25A
25	1.00	56265	SWITCH, LEVER
26	1.00	55756	SWITCH, PUSHBUTTON
27	.00	52498	LIGHT-DOME
29	11.00	25769	MOULDING BULK WELT COLOR = BLACK
31	1.00	53448	SWITCH - PUSHBUTTON
32	1.00	53469	SOCKET, 8-PIN RELAY
33	3.00	26887	TIE STRIP 1/16 TO 8 BUNDLE
34	1.00	53649	RELAY, ELECTRNC TIMING
35	3.00	53898	RELAY, SPDT 24V
39	1.00	55937	TIME DELAY RELAY--
41	1.00	83261F	CARD-IND (DWG A-Z) LOW STEERING PRESSURE

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CAB ELECTRICAL
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ITM	QTY PER ASSY	COMPONENT	DESCRIPTION
42	1.00	83261H	CARD-IND (DWG A-Z) FUEL LEVEL
43	1.00	83261N	CARD-IND (DWG A-Z) BRAKE OIL PRESSURE
44	1.00	83261Y	CARD-IND (DWG A-Z) CHECK ENGINE
45	1.00	83262B	CARD-IND (DWG A-Z) ELECTRICAL SYSTEM FAULT
46	1.00	83262E	CARD-IND (DWG A-Z) BLOWER PRESSURE
47	1.00	83262G	CARD-IND (DWG A-Z) HYDRAULIC OIL TEMPERATURE
48	1.00	83262K	CARD, IND(DWG A-Z) STOP ENGINE
49	1.00	83263A	CARD-INT'L SYM, PTT FOR 53448 PRESS TO TEST SWITCH
50	1.00	83337B	BEZEL-SW/IND(DWG A-F) FOR 3-SWITCHES OR 6-INDICATORS
51	3.00	83338B	SW-INT'L SYM(DWG A-K) ROCKER SWITCH-MON/ON/ OFF/SPST
52	1.00	83338C	SW-INT'L SYM(DWG A-K) ROCKER SWITCH-ON/ON /SPST
53	1.00	83338J	SW-INT'L SYM(DWG A-K) ROCKER SWITCH-ON1/ON2 /HOT PARK/SPDT
54	1.00	83338K	SW-INT'L SYM(DWG A-K) RHEOSTAT FOR PANEL DIM
55	1.00	83339C	LENS-RKR SW(DWG A-B) HEAD/TAIL/STOP LIGHT
56	1.00	83339G	LENS-RKR SW(DWG A-Z) STAIRWAY LIGHT
57	1.00	83339K	LENS-RKR SW(DWG A-Z) AUTOMATIC LUBE
58	1.00	83339S	LENS, RKR SW (DWG A-Z) ELECTRICAL SYSTEM RESET
59	5.00 *	83340A *	LIGHT, IND (83340A-Z) WITH AMBER FILTER
60	5.00 *	83340B *	LIGHT, IND (83340A-Z) WITH RED FILTER
61	2.00	83393F	VARIABLE RESISTR ASSY 1 MEGOHM/10-1000 SEC

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ITM	QTY PER ASSY	COMPONENT	DESCRIPTION
62	1.00	83545A	DIODE PANEL-LOW SIDE USE FOR R. O. P. S. CAB
63	1.00	83545B	DIODE PANEL-HIGH SIDE USE FOR R. O. P. S. CAB
66	.00	947118	LAMP-DOME
67	.00	28309	BOARD TERMINAL
68	1.00	53896	SW, PARK BRAKE OPER
69	1.00	83339T	LENS-RKR SW(DWG A-Z) DATA STORE
70	2.00	28310	MARKER TERMINAL
71	2.00	24717	MARKER TERMINAL A-M
72	2.00	70321A	BRACKET, ALARM
73	4.00	69044B	SPACER, PNL(DWG A-Z)
74	8.00	69044F	SPACER, PNL(DWG A-Z)
75	4.00	24641	SCR, MACH, RHD, 6-32NC X 2-1/2 GR 2
77	8.00	22068	WSHR, FL, #6 X .375 OD
78	1.00	77214C	COVER, WARNING PANEL
79	2.00	16820	GRIP SEALING
80	3.00	16821	LOCKNUT CONDUIT
81	1.00	55980	NAMEPLATE, MASTER SW.
82	1.00	55697	FLASHER, SIGNAL
83	1.00	83262P	CARD, IND(DWG A-Z) AUTO LUBE
84	1.00	83342A	INSERT-BEZEL PLUG FOR 83337A-F BEZELS
85	.00	1102852	DIODE ASSEMBLY
86	3.00	17809	SCR, MACH, RHD, 10-32NF X 1-1/4 GR 2
87	19.00	22604	NUT, INSERT, #10-32UNF
88	14.00	22603	NUT, INSERT, #6-32UNC
91	1.00	55482	MOUNT, VIBRATION
92	1.00	56205	GRIP, SEALING 1-1/4 NPT -- GRIP RANGE 1.125 / 1.250
93	45.00	19147	CHANNEL WIRING 1' X 2'
94	45.00	19148	COVER CHANNEL 1' WIDE
95	11.00	56247	SCREW, SELF-DRILLING #8-18 X 1/2 PHIL, PAN HD, #3 POINT ZINC
96	1.00	83262S	CARD-IND (DWG A-Z) HYDRAULIC OIL LEVEL
97	1.00	83337C	BEZEL-SW/IND(DWG A-F) FOR 4-SWITCHES OR 8-INDICATORS

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ITM	QTY PER ASSY	COMPONENT	DESCRIPTION
98	1.00	83337F	BEZEL-SW/IND(DWG A-F) FOR 6-SWITCHES OR 12-INDICATORS
99	6.00	83342B	INSERT-BEZEL FOR MTG 2-INDICATOR INTO 83337A-F BEZELS
100	1.00	25487	DIODE-SILICON 3 AMP CAPACITY
101	.00	22048	WSHR, FL#10 (SAE) X .437 OD
102	.00	12867	NUT HEX 10-32
103	.00	28537	WSHR, LK, HELI, #10 X .334 OD
105	1.00	53898	RELAY, SPDT 24V
199	.00	A85142	DWG ONLY, CAB ELECT

FOR ROPS CAB W/
MANUAL POWER SUPPLY



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