

The following catalog has gaps in its page numbers, or doesn't have any numbers. We have chosen to leave the page numbering in the order that Acrobat assigns it.

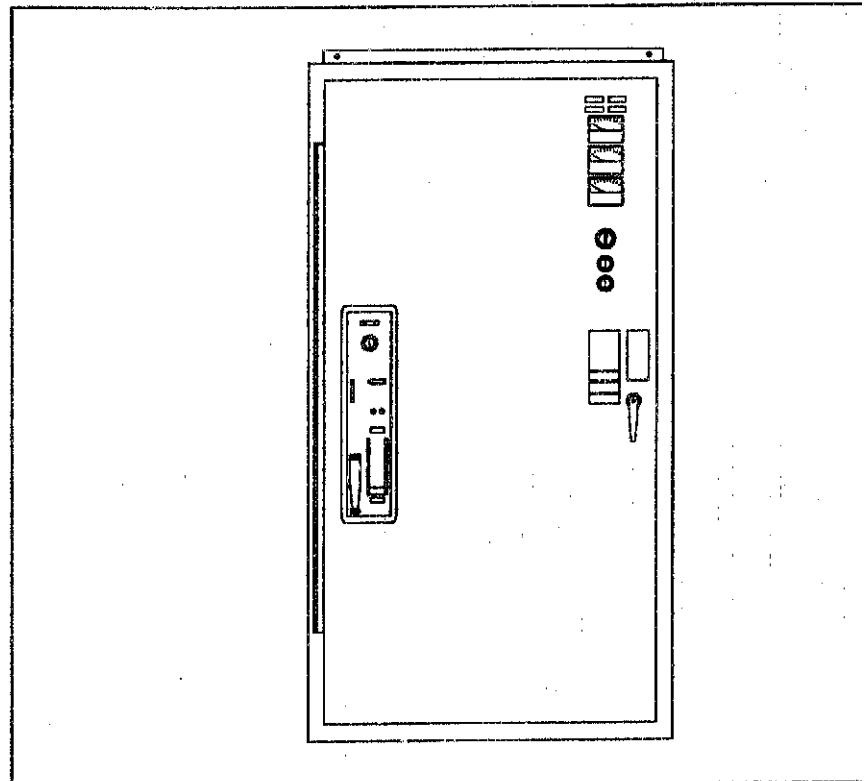


PARTS CATALOG

BT/BN

150-225-260

Transfer Switch



Introduction

Identify your model by referring to the Model and Specification number as shown on the nameplate. Electrical characteristics are shown on the lower portion of the nameplate, which is located on the cabinet door. If it is necessary to contact a dealer or distributor regarding the transfer switch, always give the complete Model, Specification, and Serial number as listed on the nameplate. This information is necessary to properly identify your unit among the many types manufactured.

For the name of your local Cummins/Onan distributor in the United States or Canada, call 1-800-888-ONAN. This automated service utilizes touch-tone phones only.) By entering your area code and the first three digits of your local telephone number, you will receive the name and telephone number of the distributor nearest you.

Feature Option	Feature Description	Feature Option	Feature Description
A013	Current Rating - 150 Amps	J022	Program Transition - 0-60 Sec
A014	Current Rating - 225 Amps	K001	Battery Charger - 2A, 12/24V
A015	Current Rating - 260 Amps	K002	Battery Charger - 10A, 12V
A016	Current Rating - 300 Amps	K003	Battery Charger - 10A, 24V
A017	Current Rating - 400 Amps	L001	Aux Relay - 24 VAC Coil
A018	Current Rating - 600 Amps	L002	Aux Relay - Emergency Position
A019	Current Rating - 800 Amps	L003	Aux Relay - Normal Position
A020	Current Rating - 1000 Amps	L004	Aux Relay - Emergency Source
A028	Transfer Switch - 3 Pole	L005	Aux Relay - Normal Source
A029	Transfer Switch - 4 Pole	L101	Aux Relay - 24 VDC Coil
A035	Application - Utility to Genset	L102	Aux Relay - Emergency Position
A036	Application - Utility to Utility	L103	Aux Relay - Normal Position
A041	System - 1 Phase, 2-W or 3-W	L104	Aux Relay - Genset Start
A042	System - 3 Phase, 3-W or 4-W	L201	Aux Relay - 12 VDC Coil
A044	Frequency - 60 Hertz	L202	Aux Relay - Emergency Position
A045	Frequency - 50 Hertz	L203	Aux Relay - Normal Position
A046	Listing - UL	L204	Aux Relay - Genset Start
A047	Certification - CSA	M001	Module - Signal
A048	Listing - Not Applicable	M003	Terminal Block - 30 Points
A050	Packing - Wooden Crate	M007	Load Shed - From Emergency
A051	Packing - Export Box	N001	Switch - Auto/Manual Change
B001	Cabinet - Type 1	N002	Terminal Block - Batt Chrg Alarms
B002	Cabinet - Type 3R	N005	Terminal Block - Source 1/2 Rmt Sig
B004	Open Construction	R021	208 VAC
C015	Control - Time Delay Start 90 Sec	R022	220 VAC
C016	Control - OV and O/U Hz, Source 2	R023	240 VAC
C017	Control - OV and O/U Hz, Source 1	R024	380 VAC
D001	Meters - None	R025	416 VAC
D002	Meters - Door Mounted	R026	480 VAC
J001	Clock - 7 Day Exerciser	R027	600 VAC
J021	Program Transition - 0-7.5 Sec		

Feature options can be determined by reading them off of the nameplate, or by accessing the following screen through the distributor on-line computer system. Note that the first digit typed on this screen is a code number corresponding to an individual Onan product (1=Engines, 2=Gensets, 5=Gen Ends, 6=LT's, 7=OT's/BT's) and that the spec number is always kept to the right and zero filled if the spec number is less than five

MAD2

ITEM NO: 702835

SPEC 02835

A015 260 AMPS CONTINUOUS
A029 4 POLE SWITCH FOR PROGRAM
A035 UTILITY TO GENSET
A042 THREE PHASE (3 OR 4 WIRE)
A044 60 HZ FREQUENCY
A046 UL LISTED
A050 DOMESTIC PACKING
B001 CABINET - NEMA #1
D002 DOOR ASSY - WITH METERS
J001 EXERCISER CLOCK - 7 DAY
J021 PROGRAM TRANSITION - 7.5 SEC
R026 480 VAC

Index

- Actuator, Linear 5
- Ammeter, DC 71
- Arm 27,29,31
- Arm, Indicator 27,29,31
- Arm, Interlock 7,9,11,13,33,35,37,39,41,43,45,47
- Arm, Pivot - Left Hand 49
- Arm, Pivot - Right Hand 49
- Automatic/Manual Selector Switch Assembly 67
- Auxilliary Relay Assembly 68
- Auxilliary Switch Assembly 19

- Bar Support - Load 41,43,45,47
- Bar, Interlock 11,13,27,29,31,33,35,37,39,41,43,45,47
- Bar, Neutral 33,35
- Bar, Support 7,9,11,13
- Bar, Support - Load 11,13,45
- Barrier, Base 33,35,37,39,41,43,45,47
- Barrier, Base - Transfer 7,9,11,13
- Barrier, Chute - Arc 15,17
- Barrier, Switch 7,9,11,13,19,27,29,31
- Base 7,9,11,13
- Base, Insert 33,35,37,39,41,43,45,47
- Battery Charge Alarm Harness Assembly 60
- Battery Charger Assembly 70
- Block 15,17
- Block & Contact Assembly 11,13
- Block & Contact Assembly, 4 Pole 21
- Block & Crossbar Assembly 33
- Block & Crossbar Assembly, 3 Pole 15
- Block & Crossbar Assembly, 4 Pole 17
- Block & Crossbar, Emergency 7,9,11,13
- Block & Crossbar, Normal 7,9,11,13
- Block, Auxiliary 65
- Block, Contact 21
- Block, Terminal 27,29,31
- Block, Terminal - Sectional 55,61,65
- Board, Circuit - Printed 51,53,55,57
- Board, Printed Circuit - Battery Charger 71
- Box, Control 51,53
- Bracket 49
- Bracket, Actuator 7,9,11,13,27,29,31,49
- Bracket, Base - Secdisc 33,35,37,39,41,43,45,47
- Bracket, Block - Terminal 27,29,31
- Bracket, Cover - Lug 27,29,31
- Bracket, End - Terminal 51,53
- Bracket, Indicator 7,9,11,13
- Bracket, Mounting - Base 27,29,31
- Bracket, Panel - Control 27,29,31
- Bracket, Plug - Control 51,53
- Bracket, Plug - Secdisc 33,35,37,39,41,43,45,47
- Bracket, Reducer - Speed 27,29,31
- Bracket, Shutter 27,29,31,33,35,37,39,41,43,45,47
- Bracket, Solenoid 49
- Bracket, Stop 27,29,31
- Bracket, Support 27,29,31,49
- Bracket, Support - Spring 33,35,37,39,41,43,45,47
- Bracket, Trip 27,29,31
- Breaker, Circuit 5
- Bumper 51,53
- Bus, Load 7,9,11,13
- Bus, Load - Rear 41,43,45,47
- Bus, Lug - Load 33,35,37,39
- Bus, Lug - Normal/Emergency 33,35,37,39,41,43,45,47
- Bus, Spacer 37,39,45,47

- Bus, Stab - Emergency/Normal 33,35,37,39,41,43,45,47
- Bus, Stab - Load 33,35,37,39,41,43,45,47
- Bushing 7,9,11,13,27,29,31,49
- Bypass Frame Assembly 27,29,31
- Bypass Operator Assembly 49
- Bypass Switch Assembly, Front Contact - 3 Pole 33,35
- Bypass Switch Assembly, Front Contact - 4 Pole 37,39
- Bypass Switch Assembly, Rear Connect - 3 Pole 41,43
- Bypass Switch Assembly, Rear Connect - 4 Pole 45,47

- Cap, Connector 63
- Capacitor 5
- Chute, Arc 11,13,15,17,37,39,45,47
- Clock, Exerciser 59
- Collar, Locking 27,29,31
- Collar, Threaded 29,31
- Collar, Threaded (.62) 27
- Contact Finger Assembly 23
- Contact, Interlocking 51,53
- Control Cabinet Assembly 51,53
- Coupling, Reducer 27,29,31
- Cover 49,55,57,71
- Cover, Chute - Arc 11,13,37,39,45,47
- Cover, Control 51,53
- Cover, End 7,9,11,13
- Cover, Lug 27,29,31
- Cover, Moveable 27,29,31
- Cover, Sentry - Power 51,53
- Cover, Shutter 27,29,31
- Crossbar 15,17

- Decal 49,57
- Decal, Cabinet - NEMA 1 51,53
- Decal, Closed 49
- Decal, Cover 5,71
- Decal, Cover - Lug 27,29,31
- Decal, Cover - Power Sentry 51,53
- Decal, Door 51,53
- Decal, Instruction - Operation 51,53
- Decal, Module - Signal 55
- Decal, Open 49
- Decal, Plug - Disconnect 51,53
- Decal, Switch 51,53
- Decal, Switch - BT 51,53
- Decal, UL 51,53
- Divider, Contact 23
- Door, Box - Control 51,53

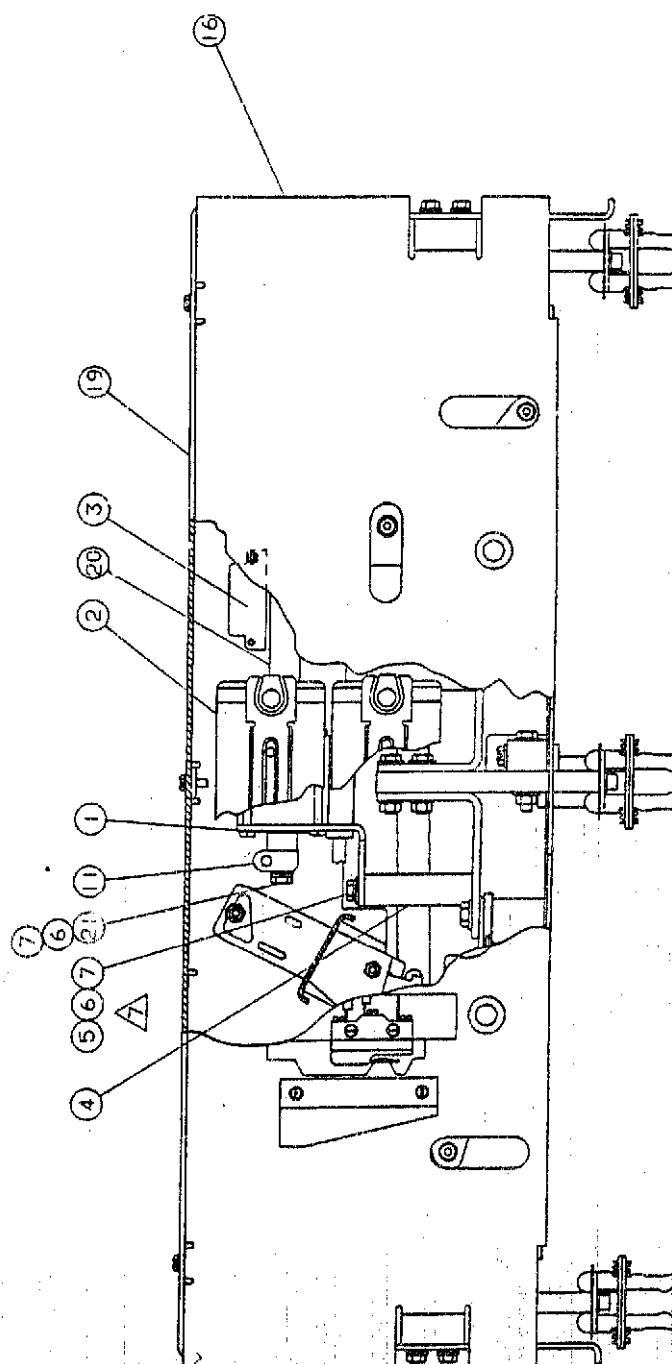
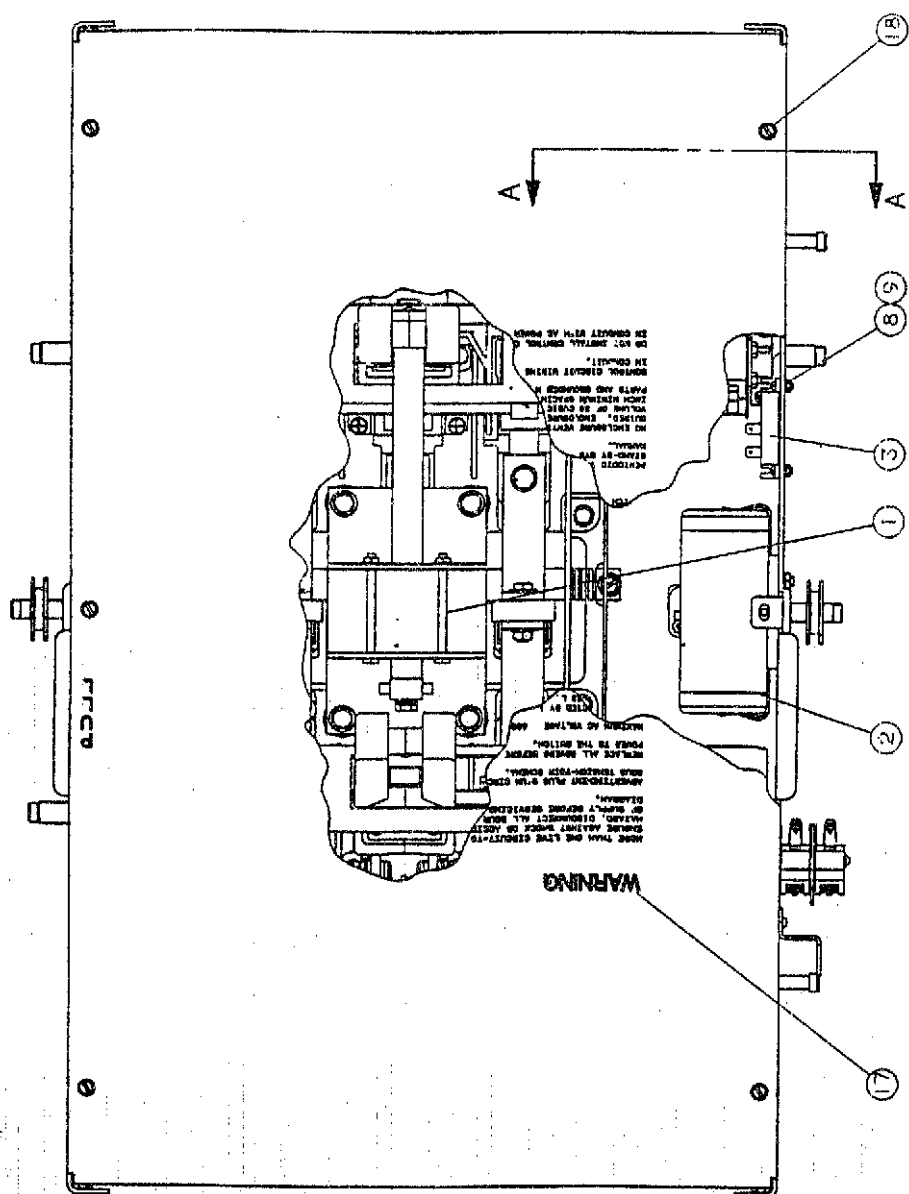
- Edging 51,53
- End-Bracket 69
- End-Bracket, Terminal 55,61,65
- End-Plate, Terminal 55,61,65
- Exerciser Clock Assembly 58
- Finger 23
- Finger Assembly 7,9,11,13
- Fuse 71
- Fuse, 15 Amp 71

- Guide, Plunger 27,29,31
- Guide, Rod 51,53
- Guide, Stop 27,29,31

- Handle Assembly 7,9,11,13,25
- Handle, Actuator 33,35,37,39,41,43,45,47
- Handle, Keyed 51,53
- Handle, Switch - Left Hand 25
- Handle, Switch - Right Hand 25
- Harness, Charger - Battery 71

Index

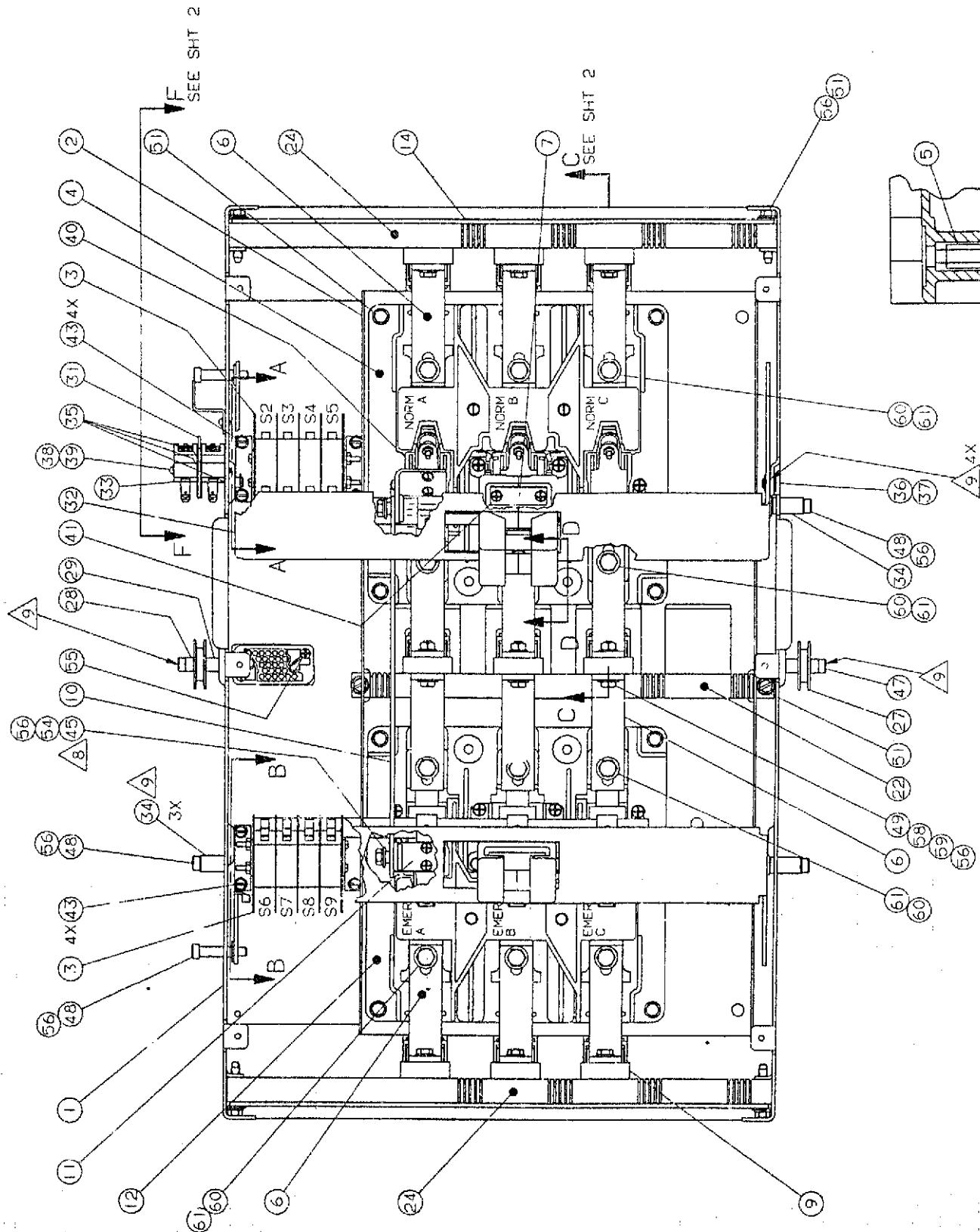
Harness, Frame - Bypass 27,29,31
 Harness, Wiring 7,9,11,13,55,57,61,63,65,71
 Harness, Wiring - Cabinet 51,53
 Harness, Wiring - Lamp/Switch 51,53
 Holder, Fuse 71
 Insert, Threaded 21
 Insulator, Chute - Arc 11,13,15,17,37,39,45,47
 Jumper, Terminal 27,29,31
 Knob, Ball 27,29,31
 Label, Block - Terminal 55,61,65
 Label, Caution - Jumper 27,29,31
 Label, Danger 27,29,31,51,53
 Label, Position - Switch 27,29,31
 Label, Torque 51,53
 Label, Warning 51,53
 Latch, Cam - 3 Point 51,53
 Lead 67
 Lead, Clock 59
 Lever, Crank 27,29,31
 Lever, Plunger 27,29,31
 Light, Indicating 27,29,31
 Light, Indicating - Amber 51,53
 Light, Indicating - Green 51,53
 Light, Indicating - Red 51,53
 Light, Indicating - White 51,53
 Link, Drive 27,29,31
 Link, Plunger 49
 Link, Shutter 27,29,31
 Load Shed Assembly 65
 Lug, Solderless 35,37,39
 Marker, Letters 51,53
 Marker, Numbers 51,53
 Meter Assembly 63
 Meter, Ampere 63
 Meter, Frequency 63
 Meter, Volt - AC 63
 Mount, Tie - Cable 27,29,31,51,53,63
 Operator Assembly, Bypass 27,29,31
 Panel, Control 51,53
 Pin Assembly, Ribbon 51,53,55
 Pin, Clevis 7,9,11,13,27,29,31
 Pin, Clevis - Plunger 49
 Pin, Clevis - Secdisc 33,35,37,39,41,43,45,47
 Pin, Cotter 27,29,31,33,35,37,39,41,43,45,47,49
 Pin, Guide 27,29,31
 Pin, Roll 27,29,31
 Pin, Roll - Solenoid 49
 Pin, Spring 27,29,31
 Plate, Ind 49
 Plate, Indicating 7,9,11,13
 Plate, Indicator 27,29,31
 Plate, Mounting - Handle 7,9,11,13
 Plug, Hole 51,53
 Plunger 49
 Plunger, Nylon 27,29,31
 Program Transition Assembly 57
 Pushnut 27,29,31
 Rail, Lower - Left Hand 27,29,31
 Rail, Lower - Right Hand 27,29,31
 Rail, Pivoting 27,29,31
 Rail, Terminal 51,53,55,61,65,69
 Rail, Upper - Left Hand 27,29,31
 Rail, Upper - Right Hand 27,29,31
 Rectifier 71
 Rectifier, Bridge 27,29,31,71
 Reducer, Speed 27,29,31
 Relay, Control 57,65,69
 Ring 7,9,11,13,21,27,29,31,49
 Ring, Terminal 33,35,37,39,41,43,45,47
 Rod, Actuator 5,27,29,31
 Rod, Shutter 27,29,31
 Rod End, Actuator 5
 Roller, Rod 51,53
 Screw, Round Head 27
 Shaft, Drawout 27,29,31
 Shaft, Threaded 27,29,31
 Shield, Meter 63
 Signal Module Assembly 55
 Sleeving, Wheel 7,9,11,13
 Socket, Contact 63
 Solenoid 49
 Spacer 7,9,11,13
 Spacer, Actuator 5
 Spacer, Bar - Neutral 33,35,51,53
 Spacer, Block - Mounting 11,13,37,39,45,47
 Spacer, Bus 11,13
 Spacer, Finger 23
 Spacer, Handle 27,29,31
 Spacer, Shutter 27,29,31
 Spring, Contact 23,27,29,31
 Spring, Plunger 49
 Spring, Secdisc 33,35,37,39,41,43,45,47
 Spring, Solenoid 49
 Stab 7,9,11,13
 Standoff, Insulator 33,35,37,39,41,43,45,47
 Standoff, Threaded 7,9,11,13
 Strap, Ground 51,53
 Strap, Line 15,17,21
 Strip, Marker 27,29,31
 Support, Side - Right Hand 27,29,31
 Support, Spring 23
 Support, Weldment - Left Hand 27,29,31
 Switch Assembly 5
 Switch Assembly, Auxiliary 7,9,11,13,33
 Switch Assembly, 3 Pole 7,9
 Switch Assembly, 4 Pole 11,13
 Switch, Action - Snap 7,9,11,13,19,27,29,31
 Switch, Rotary Volt/Amp 63
 Switch, Selector 27,29,31,51,53
 Switch, Selector - Key Oper 67
 Tag, Block - Terminal (21-30) 55
 Tag, Caution 27,29,31
 Tag, Terminal - Blank 65
 Tag, Terminal - 11-20 55
 Tag, Terminal - 41-50 61
 Terminal 63
 Terminal, Ring 69
 Terminal, Tap - Plier 69
 Tie, Cable 5,27,29,31,51,53,55,57,61,63,65,67,71
 Tie, Clock 59
 Transfer Switch Assembly 5
 Transformer 71
 Transformer, Current 63
 Transformer, Power 51,53
 Transformer, Power - 600 VAC to 208 VAC 51,53
 Transformer, Stepdown 63
 Wheel, Bypass 7,9,11,13
 Wrapper, Charger - Battery 71



Transfer Switch Assembly

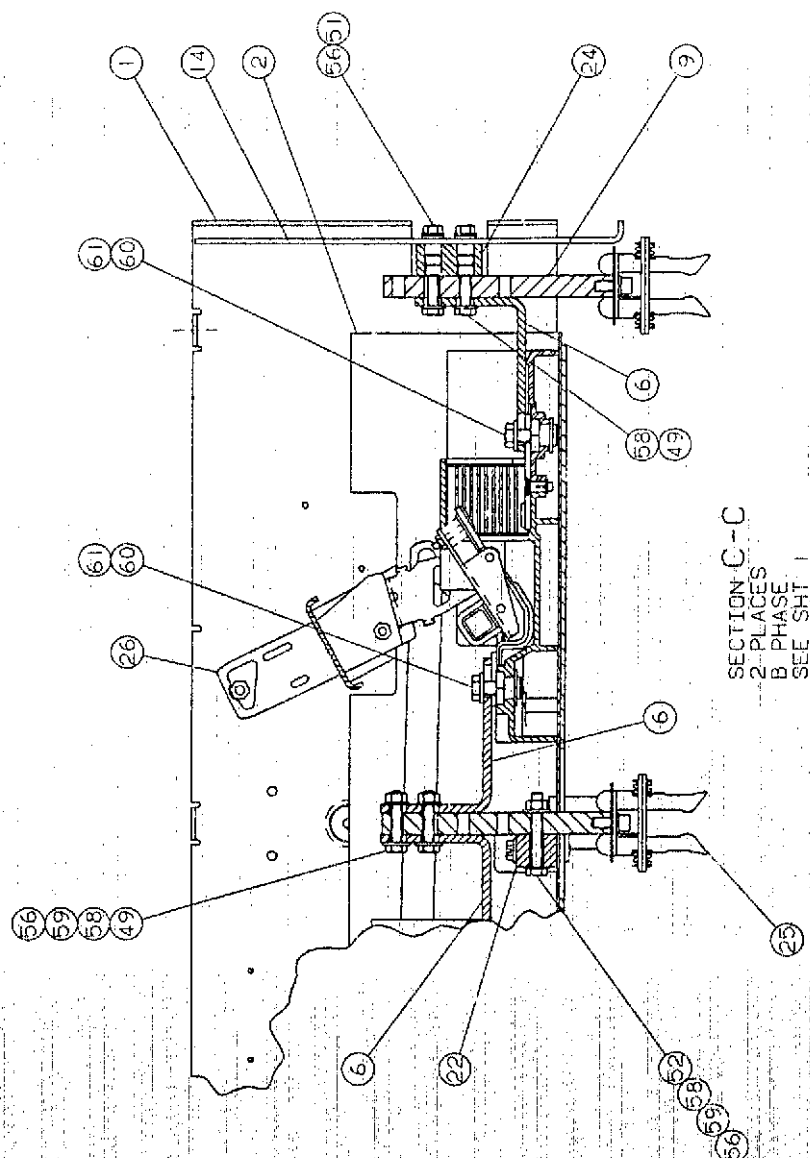
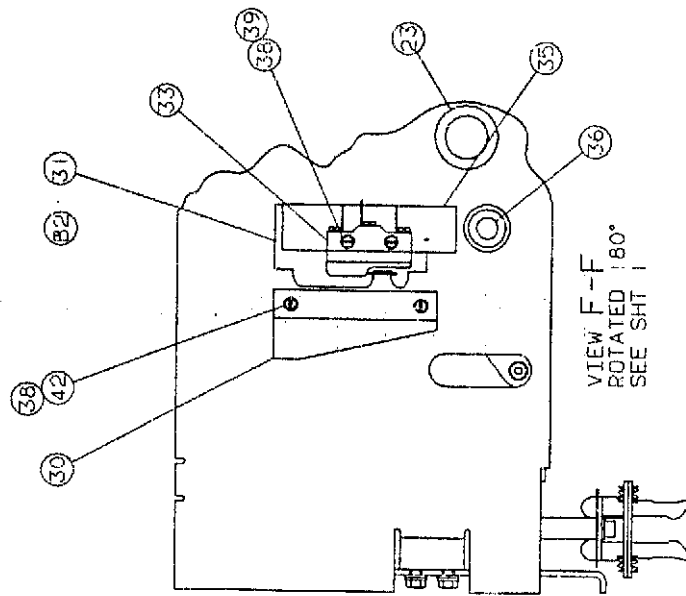
REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	306-3471-03	1	Actuator, Linear	10	815-0029	4	Screw, Flange Head - Cross-Recessed (#10-32 x 1/2")
	306-3471-05	1	208, 220, 240, 600 Volt	11	306-3400-02	2	Rod-End, Actuator
	306-3471-06	1	380, 416 Volt	12	870-0131	4	Nut, Lock - External Tooth (#10-32)
2			480 Volt	15	332-1445	4	Tie, Cable
	312-0203	2	Capacitor	16			Switch Assy (See Separate For Components)
	312-0204	1	380, 416, 480 Volt		306-3793	1	3 Pole
3			208, 220, 240, 600 Volt		306-3709	1	4 Pole
	320-0606	1	Breaker, Circuit	17	98-6366	1	Decal, Cover
	320-0608	1	380, 416, 480 Volt	18	815-0652	6	Screw, Hex Head - Slotted (#10-32 x 1/2")
4	306-3483	4	208, 220, 240, 600 Volt	19	306-3715	1	Cover, Switch - Transfer
5	800-0021	4	Spacer, Actuator	20	306-3473	1	Rod, Actuator
6	850-0040	6	Screw, Cap - Hex Head (1/4-20 x 4-1/2")	21	800-0007	2	Screw, Cap - Hex Head (1/4-20 x 1/2")
7	526-0018	6	Washer, Lock (1/4")				
8	812-0062	2	Washer, Flat (1/4")				
9	870-0183	2	Screw, Round Head (#6-32 x 7/16")				
			Nut, Lock - External Tooth				

Switch Assembly 3 Pole



VIEW D-D

Switch Assembly 3 Pole



Switch Assembly 3 Pole

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	306-3701	1	Base	39	812-0072	2	Screw, Round Head (#6-32 x 1-3/4")
2	306-3649	1	Barrier, Base - Transfer	40	815-0446	4	Screw, Round Head - Cross-Recessed with Internal tooth (#8-32 x 1/2")
3	306-3417	2	Switch Assy, Auxiliary (See Separate Page For Components)	41	815-0496	4	Screw, Round Head - Cross-Recessed with Internal Tooth (#8-32 x 3/4")
4	306-3476-01	1	Block & Crossbar, Normal (See Separate Page For Components)	42	812-0059	2	Screw, Round Head (#6-32 x 1/4")
5	870-0394	4	Standoff, Threaded	43	815-0652	8	Screw, Slotted - Hex Head (#10-32 x 1/2")
6	337-2498	12	Bus, Load	45	800-0003	2	Screw, Cap - Hex Head (1/4-20 x 1/2")
7	306-1396	2	Plate, Mounting - Handle	47	815-0790-01	4	Screw, Shoulder (1/4-20 x 3/4")
9	337-2456	9	Stub	48	815-0790-02	5	Screw, Shoulder (1/4-20 x 1")
10	306-3482	1	Bar, Interlock	49	800-0008	18	Screw, Cap - Hex Head (1/4-20 x 1-1/4")
11	306-3729	2	Arm, Interlock	51	815-0667	18	Screw, Cap - Hex Head Internal
12	306-3476-02	1	Block & Crossbar, Emergency (See Separate Page For Components)	52	800-0010	3	Screw, Cap - Hex Head (1/4-20 x 1-3/4")
14	306-3705	2	Cover, End	54	850-0040	2	Washer, Lock (1/4")
22	306-3634	1	Bar, Support	55	815-0447	2	Screw, Round Head - Cross-Recessed with Internal tooth (#8-32 x 3/4")
23	508-0253	1	Bushing	56	526-0018	24	Washer, Flat (1/4")
24	306-3719	2	Bar, Support	57	338-2647	1	Harness, Wiring
25	306-3721	9	Finger Assy (See Separate Page Components)	58	851-0027	21	Washer, Spring - Conical (1/4")
26	306-3723	2	Handle Assy (See Separate Page For Components)	59	862-0001	9	Nut, Machine - Hex (1/4-20)
27	306-3659	4	Wheel, Bypass	60	800-0027	12	Screw, Cap - Hex Head (5/16-18 x 7/8")
28	306-3656	4	Sleeving, Wheel	63	851-0028	12	Washer, Spring - Conical (5/16")
29	306-3670	4	Sleeving, Wheel				
30	306-3783	1	Bracket, Indicator				
31	306-3927	1	Plate, Indicating				
32	306-3689	2	Bracket, Actuator				
33	309-0616	2	Switch, Action - Snap				
34	306-3718	3	Spacer				
35	306-1987	3	Barrier, Switch				
36	516-0233	4	Pin, Clevis				
37	518-0115	4	Ring				
38	853-0003	4	Washer, Lock - External Tooth (#6)				

Switch Assembly 4 Pole

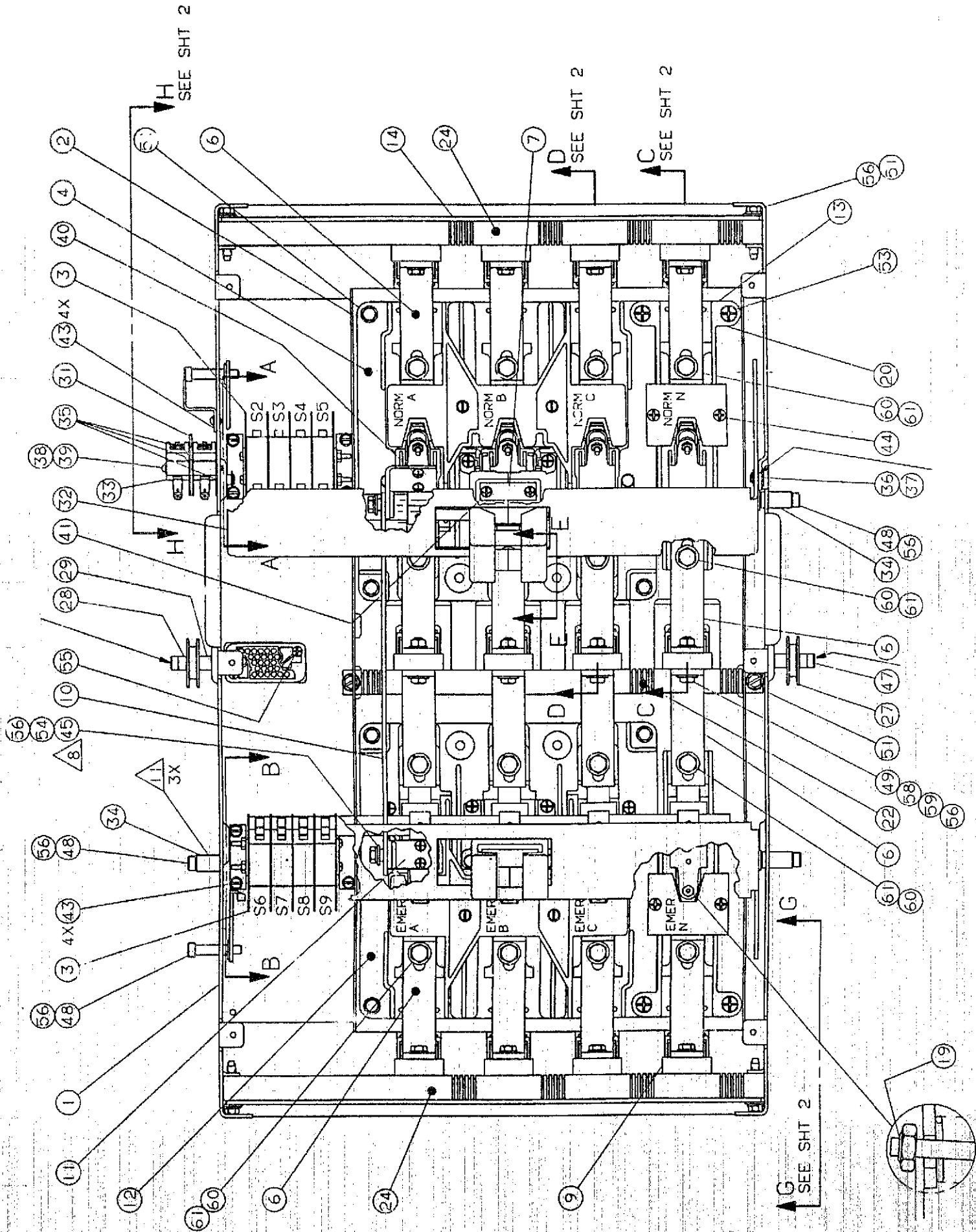
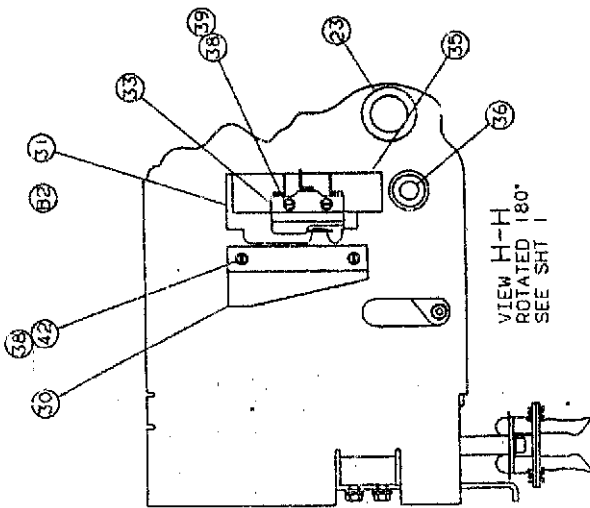


FIG. 1

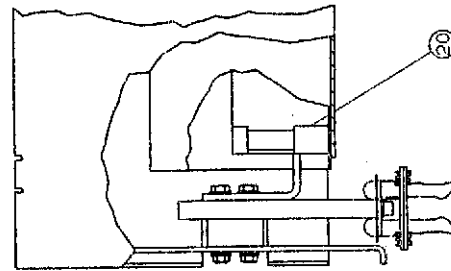
Switch Assembly 4 Pole

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	306-3701	1	Base	39	812-0072	2	Screw, Round Head (#6-32 x 1-3/4")
2	306-3649	1	Barrier, Base - Transfer	40	815-0446	4	Screw, Round Head - Cross-Recessed with Internal tooth (#8-32 x 1/2")
3	306-3417	2	Switch Assy, Auxiliary (See Separate Page For Components)	41	815-0496	4	Screw, Round Head - Cross-Recessed with Internal Tooth (#8-32 x 3/4")
4	306-3580-01	1	Block & Crossbar, Normal (See Separate Page For Components)	42	812-0059	2	Screw, Round Head (#6-32 x 1/4")
5	870-0394	4	Standoff, Threaded	43	815-0652	8	Screw, Slotted - Hex Head (#10-32 x 1/2")
6	337-2498	16	Bus, Load	44	815-0527	4	Screw, Pan Head - Self-Tapping (#10x1/2")
7	306-1396	2	Plate, Mounting - Handle	45	800-0003	2	Screw, Cap - Hex Head (1/4-20 x 1/2")
8	337-2465	2	Spacer, Bus	46	815-0261	2	Screw, Self-Tapping (1/4-20 x 1/2")
9	337-2456	12	Stab	47	815-0790-01	4	Screw, Shoulder (1/4-20 x 3/4)
10	306-3482	1	Bar, Interlock	48	815-0790-02	5	Screw, Shoulder (1/4-20 x 1")
11	306-3729	2	Arm, Interlock	49	800-0008	24	Screw, Cap - Hex Head (1/4-20 x 1-1/4")
12	306-3580-02	1	Block & Crossbar, Emergency (See Separate Page For Components)	51	815-0667	16	Screw, Cap - Hex Head Internals (1/4-20 x 1-3/4")
13	306-3578	2	Block & Contact Assy (See Separate Page For Components)	52	800-0010	4	Screw, Cap - Hex Head (1/4-20 x 1-3/4")
14	306-3705	2	Cover, End	53	815-0656	4	Screw, Machine - Round Head Cross-Recessed With Internal Tooth (1/4-20 x 2-3/4")
16	306-0268	2	Chute, Arc	54	850-0040	2	Washer, Lock (1/4")
17	306-3576	2	Cover, Chute - Arc	55	815-0447	2	Screw, Round Head - Cross-Recessed with Internal tooth (#8-32 x 3/4")
18	306-2352	2	Insulator, Chute - Arc	56	526-0018	27	Washer, Flat (1/4")
20	306-3627	2	Spacer, Block - Mounting	57	338-2647	1	Harness, Wiring
22	306-3634	1	Bar, Support - Load	58	851-0027	28	Washer, Spring - Conical (1/4)
23	508-0253	1	Bushing	59	862-0001	12	Nut, Machine - Hex (1/4-20)
24	306-3719	2	Bar, Support	60	800-0027	16	Screw, Cap - Hex Head (5/16-18 x 7/8")
25	306-3721	12	Finger Assy (See Separate Page Components)	63	851-0028	16	Washer, Spring - Conical (5/16")
26	306-3723	2	Handle Assy (See Separate Page For Components)				
27	306-3659	4	Wheel, Bypass				
28	306-3656	4	Sleeving, Wheel				
29	306-3670	4	Sleeving, Wheel				
30	306-3783	1	Bracket, Indicator				
31	306-3927	1	Plate, Indicating				
32	306-3689	2	Bracket, Actuator				
33	309-0616	2	Switch, Action - Snap				
34	306-3718	3	Spacer				
35	306-1987	3	Barrier, Switch				
36	516-0233	4	Pin, Clevis				
37	518-0115	4	Ring				
38	853-0003	4	Washer, Lock - External Tooth (#6)				

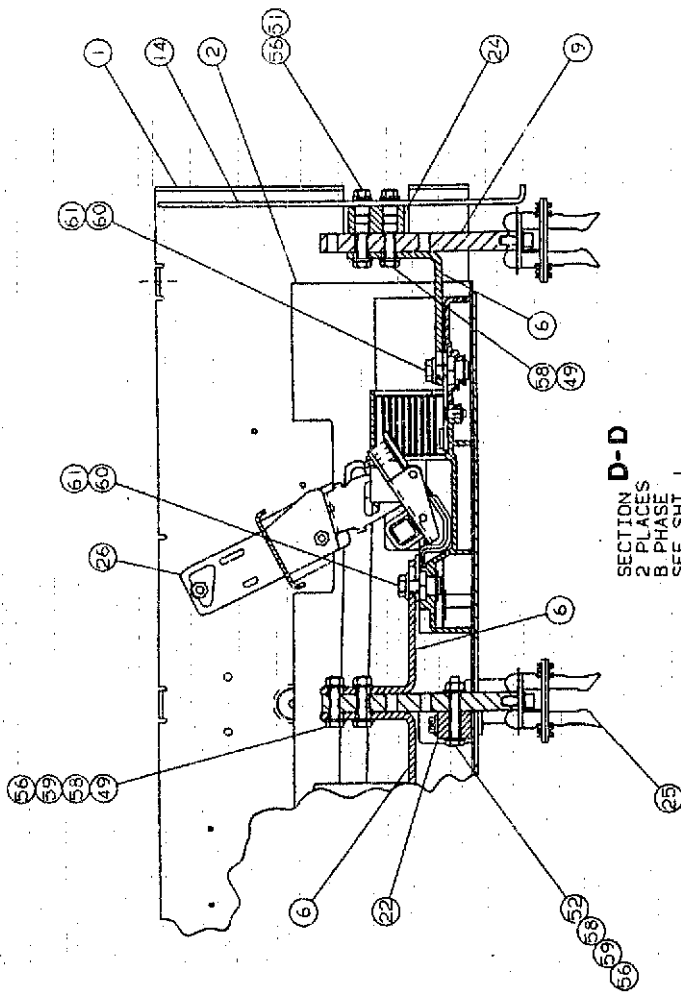
Switch Assembly 4 Pole



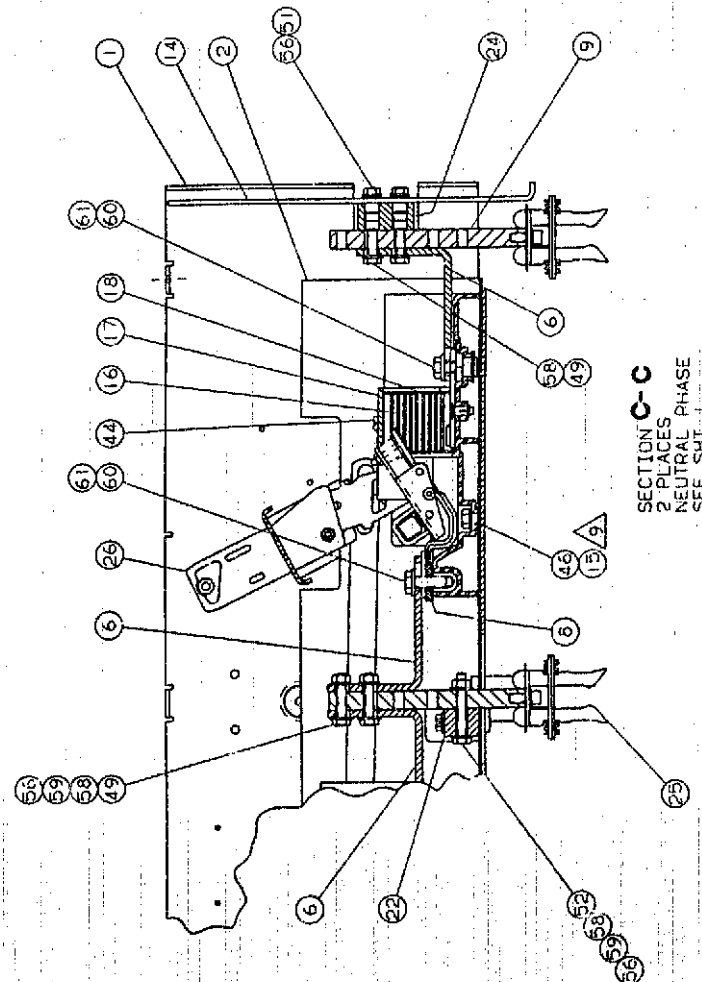
VIEW H-H
ROTATED 180°
SEE SHT 1



VIEW G-G
SEE SHT 1



SECTION D-D
2 PLACES
B PHASE
SEE SHT 1

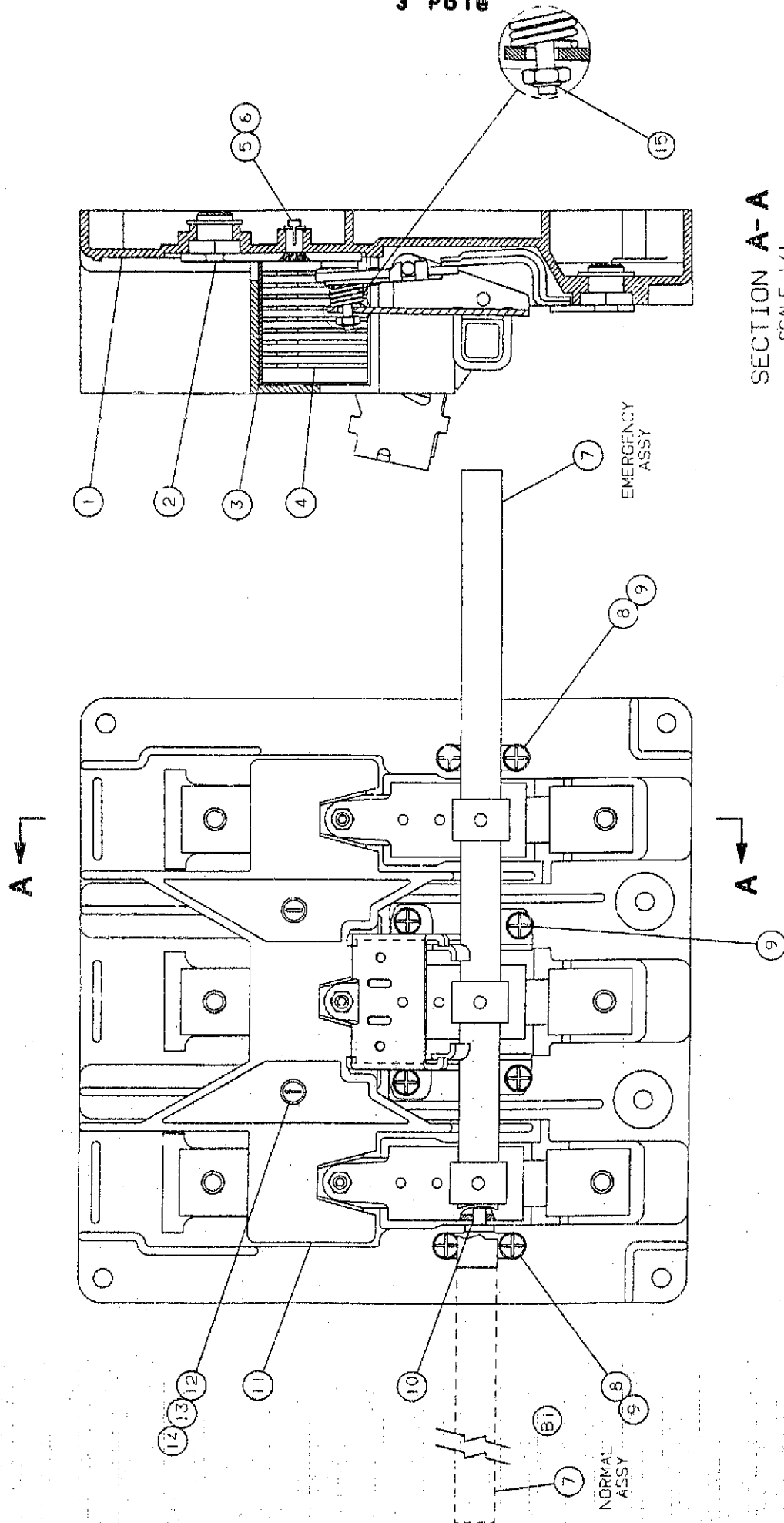


SECTION C-C
2 PLACES
NEUTRAL PHASE
SEE SHT 1

Switch Assembly 4 Pole

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	306-3701	1	Base	39	812-0072	2	Screw, Round Head (#6-32 x 1-3/4")
2	306-3649	1	Barrier, Base - Transfer	40	815-0446	4	Screw, Round Head - Cross-Recessed with Internal tooth (#8-32 x 1/2")
3	306-3417	2	Switch Assy, Auxiliary (See Separate Page For Components)	41	815-0496	4	Screw, Round Head - Cross-Recessed with Internal Tooth (#8-32 x 3/4")
4	306-3580-01	1	Block & Crossbar, Normal (See Separate Page For Components)	42	812-0059	2	Screw, Round Head (#6-32 x 1/4")
5	870-0394	4	Standoff, Threaded	43	815-0652	8	Screw, Slotted - Hex Head (#10-32 x 1/2")
6	337-2498	16	Bus, Load	44	815-0527	4	Screw, Pan Head - Self-Tapping (#10x1/2")
7	306-1396	2	Plate, Mounting - Handle	45	800-0003	2	Screw, Cap - Hex Head (1/4-20 x 1/2")
8	337-2465	2	Spacer, Bus	46	815-0261	2	Screw, Self-Tapping (1/4-20 x 1/2")
9	337-2456	12	Stab	47	815-0790-01	4	Screw, Shoulder (1/4-20 x 3/4")
10	306-3482	1	Bar, Interlock	48	815-0790-02	5	Screw, Shoulder (1/4-20 x 1")
11	306-3729	2	Arm, Interlock	49	800-0008	24	Screw, Cap - Hex Head (1/4-20 x 1-1/4")
12	306-3580-02	1	Block & Crossbar, Emergency (See Separate Page For Components)	51	815-0667	16	Screw, Cap - Hex Head Internal (1/4-20 x 1-3/4")
13	306-3578	2	Block & Contact Assy (See Separate Page For Components)	52	800-0010	4	Screw, Cap - Hex Head (1/4-20 x 1-3/4")
14	306-3705	2	Cover, End	53	815-0656	4	Screw, Machine - Round Head Cross-Recessed With Internal Tooth (1/4-20 x 2-3/4")
16	306-0268	2	Chute, Arc	54	850-0040	2	Washer, Lock (1/4")
17	306-3576	2	Cover, Chute - Arc	55	815-0447	2	Screw, Round Head - Cross-Recessed with Internal tooth (#8-32 x 3/4")
18	306-2352	2	Insulator, Chute - Arc	56	526-0018	27	Washer, Flat (1/4")
20	306-3627	2	Spacer, Block - Mounting	57	338-2647	1	Harness, Wiring
22	306-3634	1	Bar, Support - Load	58	851-0027	28	Washer, Spring - Conical (1/4")
23	508-0253	1	Bushing	59	862-0001	12	Nut, Machine - Hex (1/4-20)
24	306-3719	2	Bar, Support	60	800-0027	16	Screw, Cap - Hex Head (5/16-18 x 7/8")
25	306-3721	12	Finger Assy (See Separate Page Components)	63	851-0028	16	Washer, Spring - Conical (5/16")
26	306-3723	2	Handle Assy (See Separate Page For Components)				
27	306-3659	4	Wheel, Bypass				
28	306-3656	4	Sleeving, Wheel				
29	306-3670	4	Sleeving, Wheel				
30	306-3783	1	Bracket, Indicator				
31	306-3927	1	Plate, Indicating				
32	306-3689	2	Bracket, Actuator				
33	309-0616	2	Switch, Action - Snap				
34	306-3718	3	Spacer				
35	306-1987	3	Barrier, Switch				
36	516-0233	4	Pin, Clevis				
37	518-0115	4	Ring				
38	853-0003	4	Washer, Lock - External Tooth (#6)				

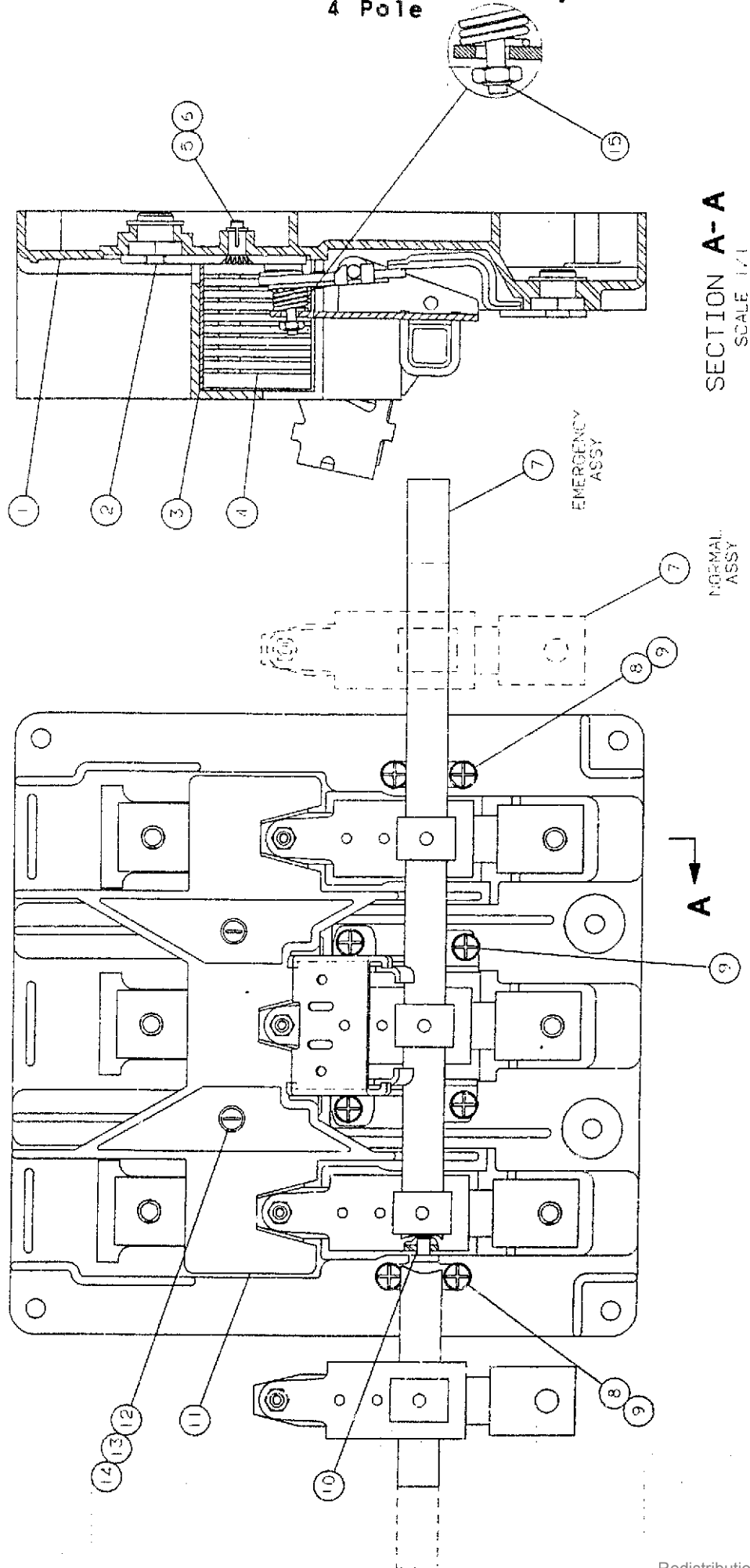
Block & Crossbar Assembly 3 Pole



Block & Crossbar Assembly 3 Pole

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	306-2976	1	Block	8	306-0273	2	Bracket, Mounting
2	306-0264	3	Strap, Line	9	815-0449	8	Screw, Round Head - Cross-Recessed with External Tooth (#10-32 x 3/4")
3	306-2352	3	Insulator, Chute - Arc	11	306-2301	1	Barrier, Chute - Arc
4	306-0268	3	Chute, Arc	12	812-0082	2	Screw, Round Head (#8-32 x 3/4")
5	815-0163	3	Screw, Flat Head (#10-32 x 5/8")	13	850-0025	2	Washer, Lock (#8)
6	855-0008	3	Washer, Lock - External Tooth Counter-Sunk (#10)	14	526-0003	2	Washer, Flat (#8)
7			Crossbar				
	306-3406	1	Normal				
	306-3407	1	Emergency				

Block & Crossbar Assembly 4 Pole

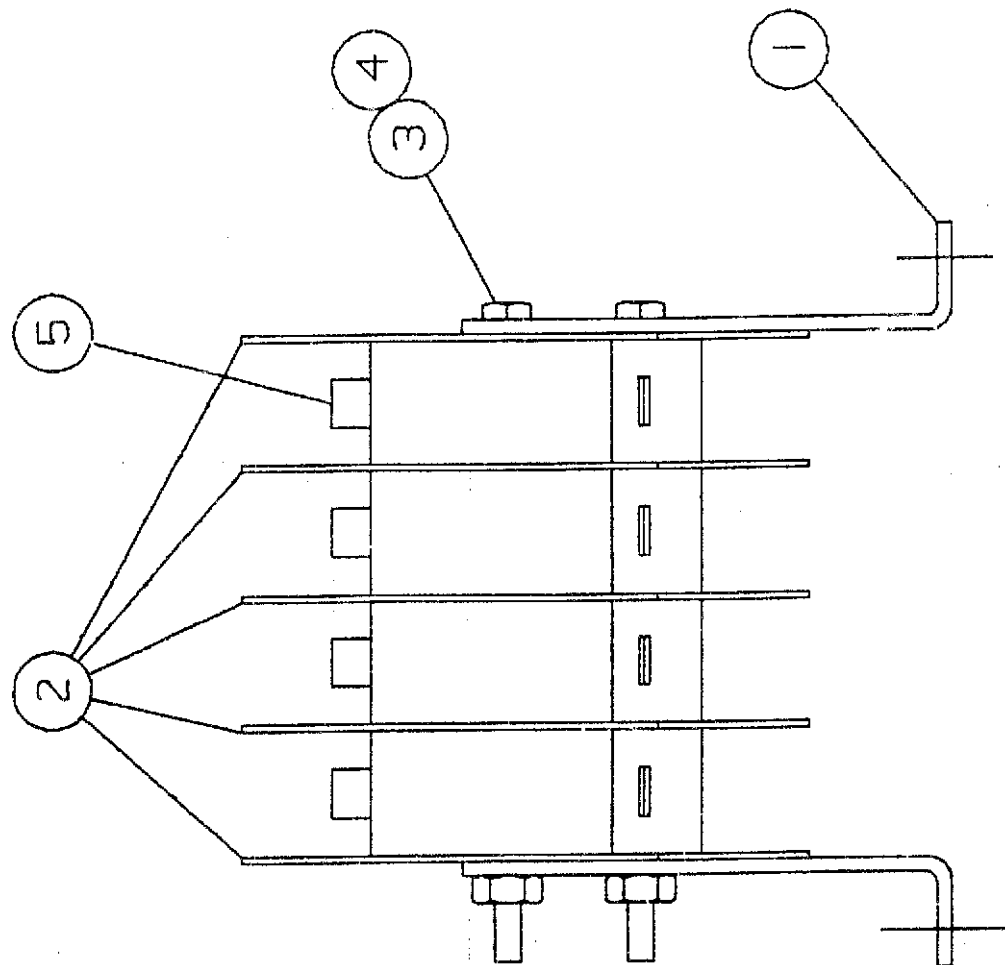
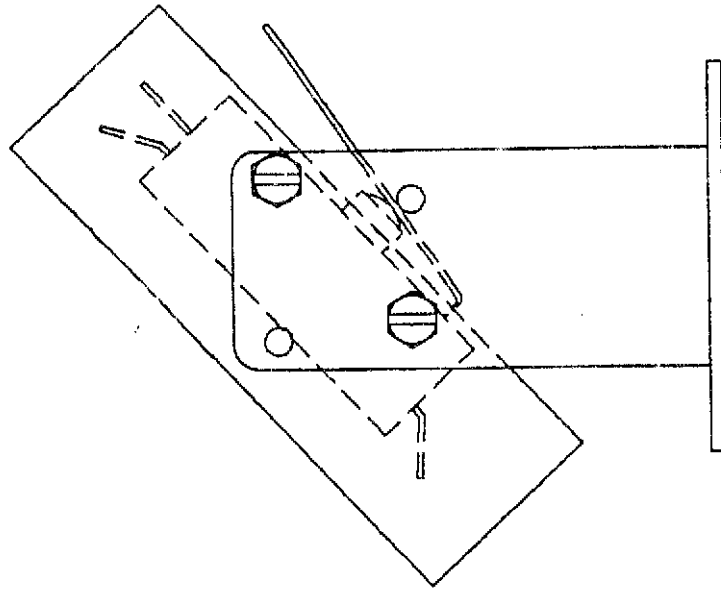


(NOTE: CONTACTS SHOWN
IN CLOSED POSITION)

Block & Crossbar Assembly 4 Pole

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	306-2976	1	Block	8	306-0273	2	Bracket, Mounting
2	306-0264	3	Strap, Line	9	815-0449	8	Screw, Round Head - Cross- Recessed with External Tool (#10-32 x 3/4")
3	306-2352	3	Insulator, Chute - Arc	11	306-2301	1	Barrier, Chute - Arc
4	306-0268	3	Chute, Arc	12	812-0082	2	Screw, Machine - Round Head (#8-32 x 3/4")
5	815-0163	3	Screw, Round Head (#10-32 x 5/8")	13	850-0025	2	Washer, Lock (#8)
6	855-0008	3	Washer, Lock - External Tooth Counter-Sunk (#10)	14	526-0003	2	Washer, Flat (#8)
7			Crossbar				
	306-3408	1	Normal				
	306-3409	1	Emergency				

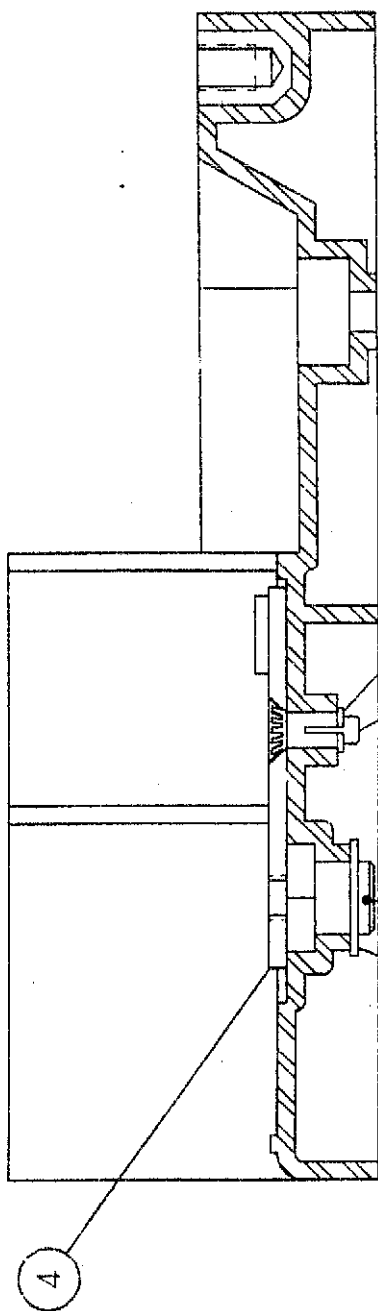
Auxilliary Switch Assembly



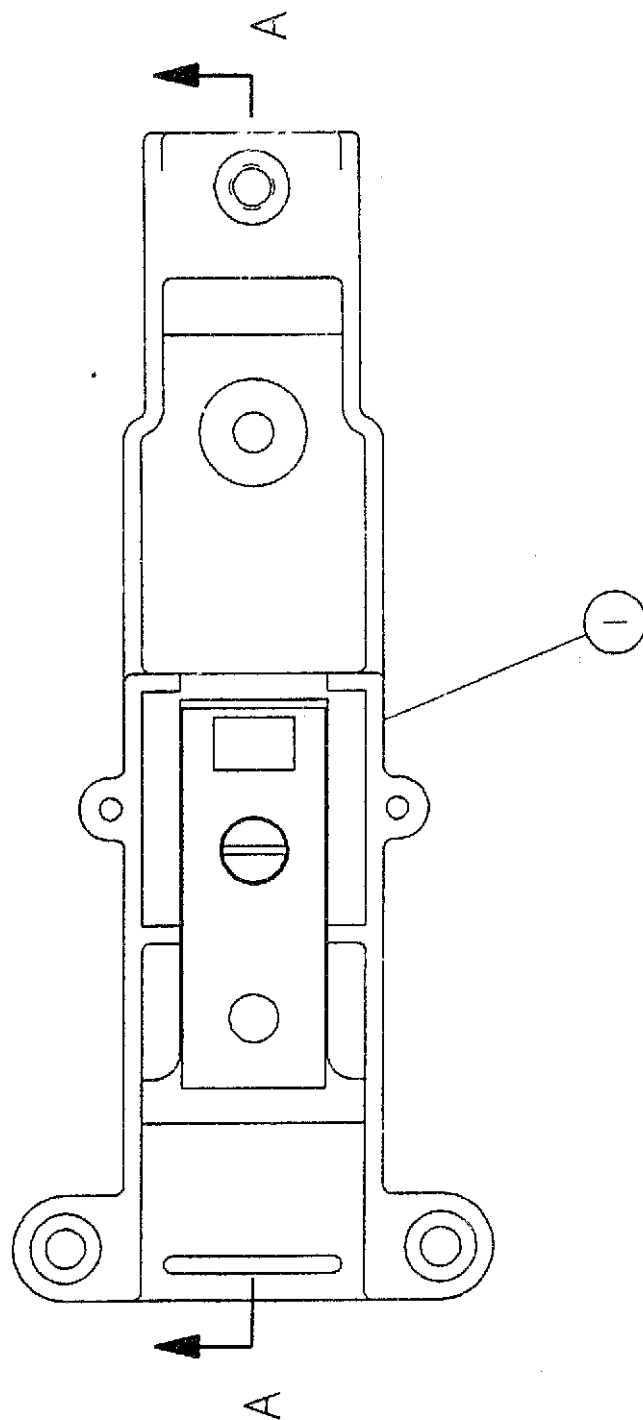
Auxilliary Switch Assembly

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	306-3420	2	Bracket, Mounting	4	870-0201	2	Nut, Lock (#6-32)
2	306-3391	5	Barrier, Switch	5	309-0393	4	Switch, Action - Snap
3	815-0686	2	Screw, Hex Head - Slotted (#6-32 x 3-1/4")				

Block & Contact Assembly 4 Pole



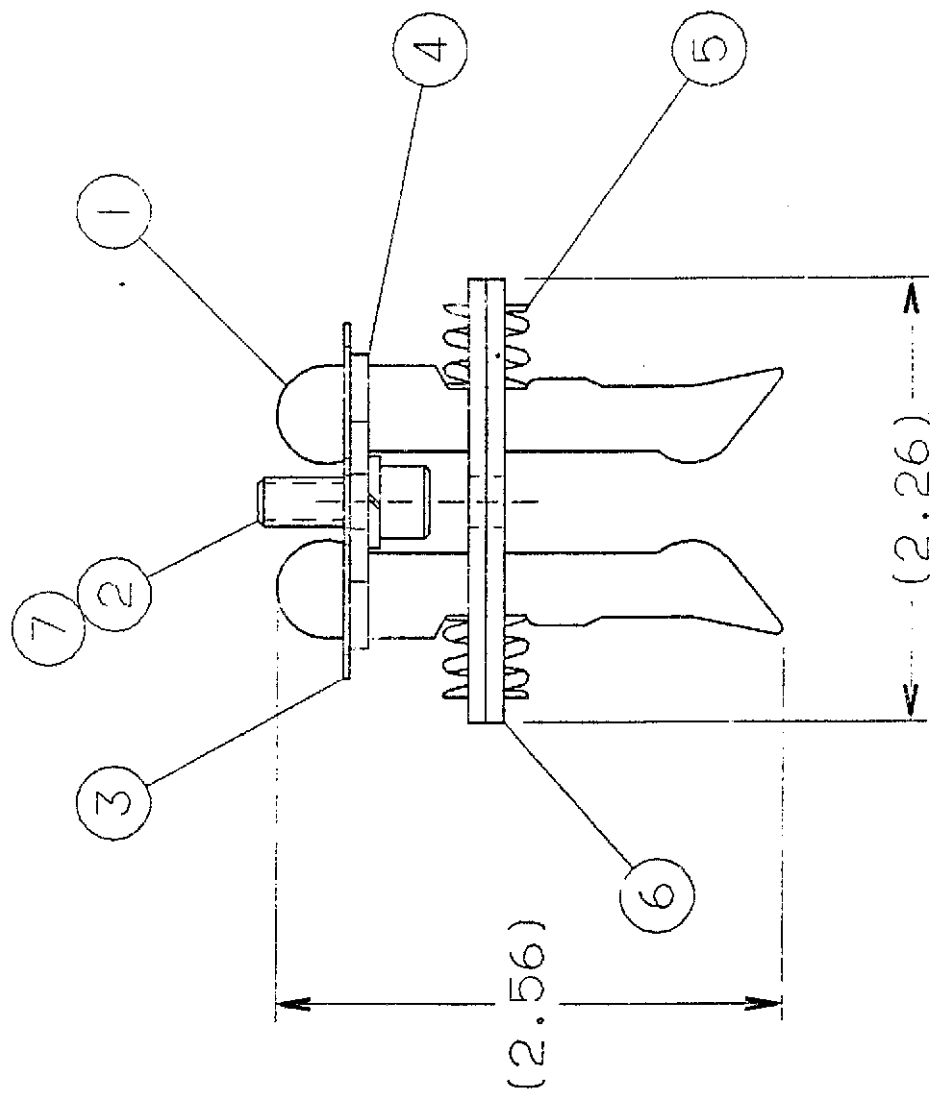
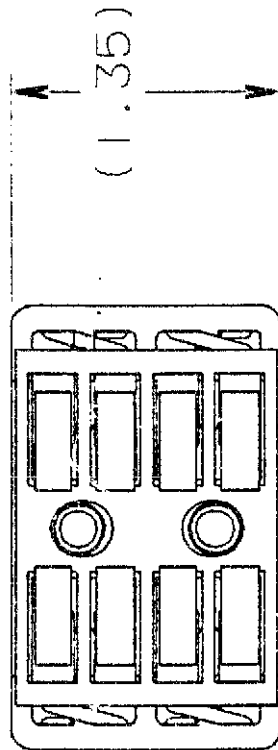
SECTION A-A
SCALE 1/1



Block & Contact Assembly 4 Pole

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	306-3572	1	Block, Contact	6	815-0163	1	Screw, Flat Head (#10-32 x 5/8")
2	870-0393	1	Insert, Threaded (5/16-18)	7	955-0008	1	Washer, Lock - External Tooth Counter-Sunk (#10)
3	518-0435	1	Ring				
4	306-0264	1	Strap, Line				
5	870-0396	1	Insert, Threaded (#10-32)				

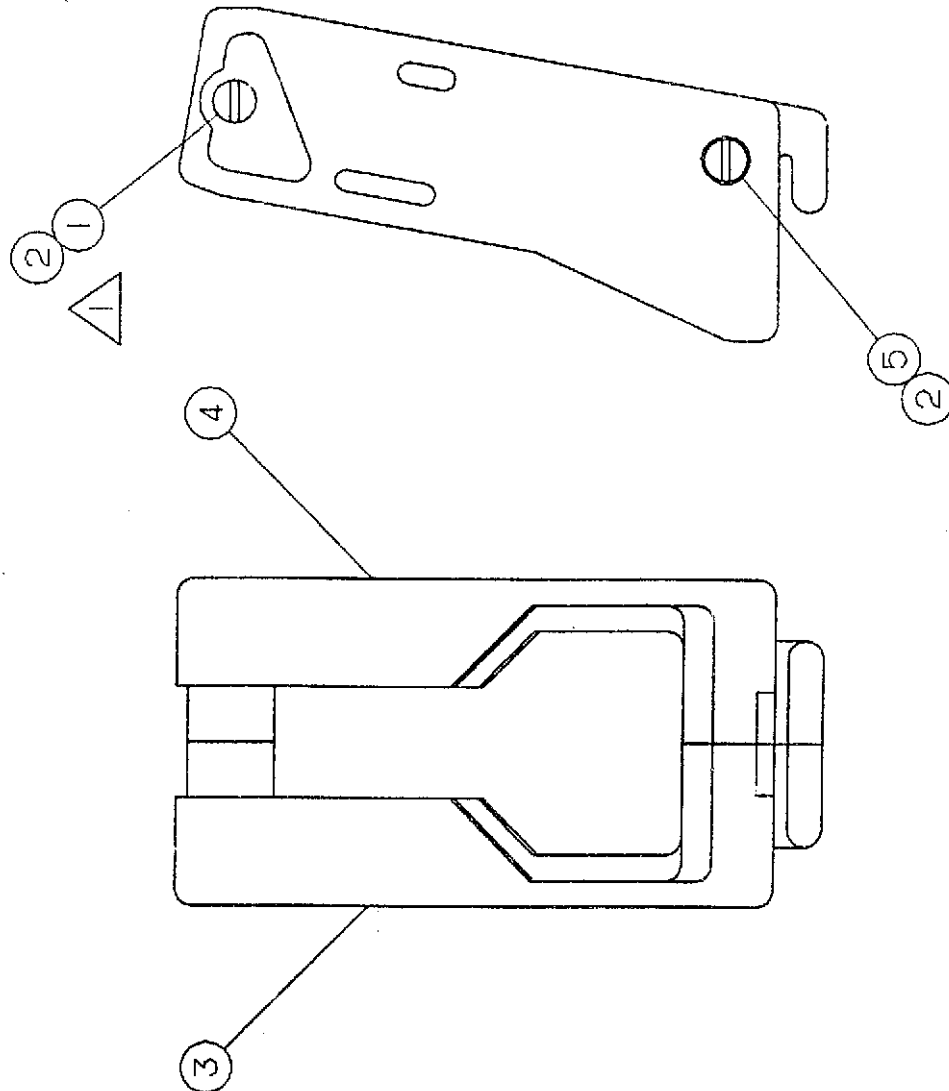
Contact Finger Assembly



Contact Finger Assembly

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	306-3696	8	Finger	4	306-3693	1	Divider, Contact
2	802-0045	2	Screw, Cap - Socket Head (1/4-20 x 5/8")	5	306-3692	4	Spring, Contact
3	306-3694	1	Spacer, Finger	6	306-3695	2	Support, Spring
				7	850-0040	2	Washer, Lock (1/4")

Handle Assembly

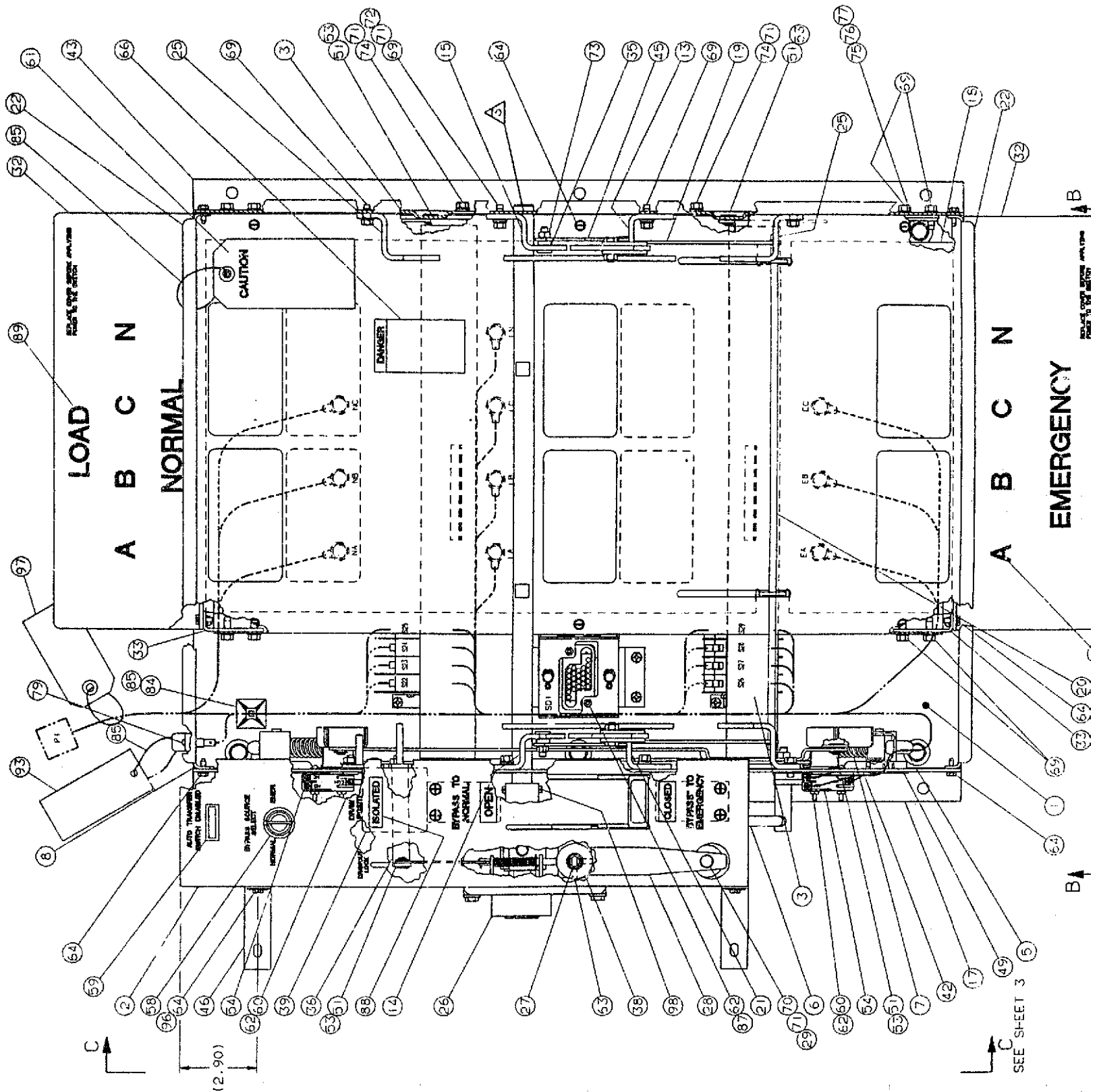


Handle Assembly

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	812-0086	1	Screw, Machine - Round Head (#8-32 x 1-1/4")
2	870-0235	2	Nut, Lock (#8-32)
3	306-3631	1	Handle, Switch - Right Hand

REF NO.	PART NO.	QTY USED	PART DESCRIPTION
4	306-3632	1	Handle, Switch - Left Hand
5	812-0090	1	Screw, Machine - Round Head (#8-32 x 2-1/4")

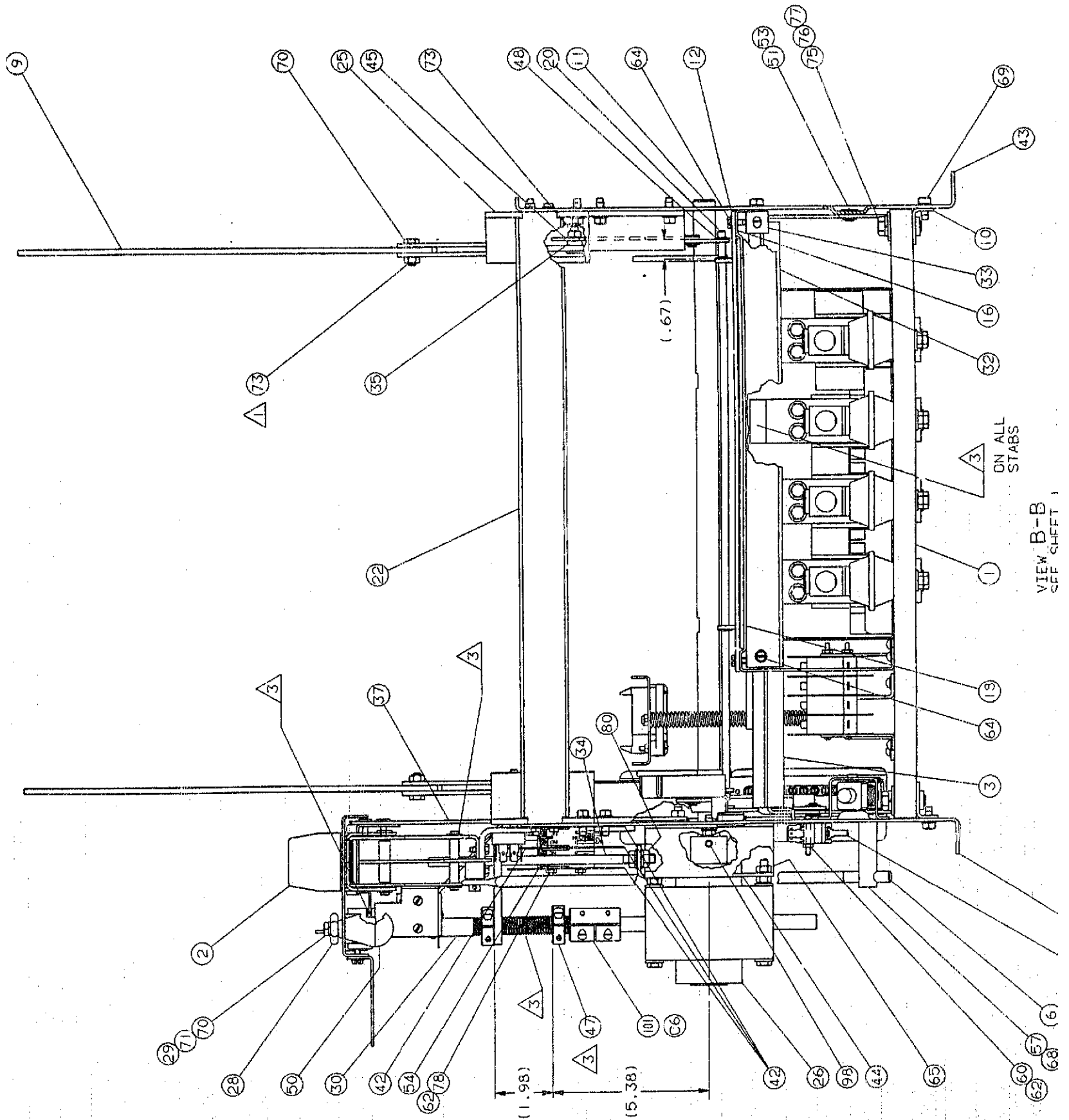
Bypass Frame Assembly



Bypass Frame Assembly

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Switch Assy, Bypass (See Separate Page For Components)	51	516-0233	11	Pin, Clevis
	306-3794	1	Front Connect	52	516-0234	2	Pin, Clevis
	306-3707	1	3 Pole	53	518-0115	13	Ring
			4 Pole	54	309-0611	4	Switch, Action - Snap
			Rear Connect	55	516-0202	2	Pin, Spring (1/8 x 1")
	306-3795	1	3 Pole	57	516-0235	2	Pin, Clevis
	306-3796	1	4 Pole	58	308-0957	1	Switch, Selector
2	306-3761	1	Operator Assy, Bypass (See Separate Page For Components)	59	322-0137	1	Light, Indicating
3	306-3743	2	Bracket, Actuator	60	812-0068	4	Screw, Round Head (#6-32 x 1")
4	306-3638	2	Guide, Plunger	61	98-6383	1	Tag, Caution
5	306-3636	2	Plunger, Nylon	62	870-0183	8	Nut, Lock - Hex with External Tooth
6	306-3648	2	Rod, Actuator	63	815-0157	2	Screw, Set (#10-32 x 1/4")
7	306-3650	2	Spring, Contact	64	815-0652	20	Screw, Slotted - Hex Head (#10-32 x 1/2")
8	306-3662	1	Bracket, Block - Terminal	65	870-0212	4	Nut, Lock - Flanged (1/4-20)
9	306-3665	2	Rail, Pivoting	66	98-5387	1	Label, Danger
10	306-3668	2	Bracket, Mounting - Base	67	870-0188	2	Nut, Lock (#10-32)
11	306-3936	1	Arm	68	870-0048	2	Nut, Lock (5/16-18)
12	306-3675	1	Cover, Shutter	69	815-0290	43	Screw, Cap - Hex Head (1/4-20 x 5/8")
13	306-3678	1	Rail, Lower - Right Hand	70	800-0005	3	Screw, Cap - Hex Head (1/4-20 x 3/4")
14	306-3725	1	Rail, Upper - Left Hand	71	850-0040	12	Washer, Lock (1/4")
15	306-3664	1	Rail, Upper - Right Hand	72	526-0018	10	Washer, Flat (1/4")
16	306-3680	1	Bracket, Shutter	73	870-0065	8	Nut, Lock (1/4-20)
17	306-3682	1	Support, Weldment - Left Hand	74	815-0261	5	Screw, Hex Washer Head - Self-Tapping (1/4-20 x 1/2")
18	306-3683	1	Cover, Moveable	75	800-0051	6	Screw, Cap - Hex Head (3/8-16 x 1-1/4")
19	306-3685	2	Link, Shutter	76	526-0029	6	Washer, Flat (3/8")
20	306-3686	1	Rod, Shutter	77	850-0050	6	Washer, Lock (3/8")
21	306-3687	1	Rail, Lower - Left Hand	78	812-0072	2	Screw, Round Head (#6-32 x 1-3/4")
22	306-3688	2	Bracket, Support	79	815-0651	4	Screw, Machine - Round Head (Special) (#6-32 x 3/4")
23	306-3702	2	Bar, Interlock	80	870-0257	2	Nut, Lock - Flanged (5/16-18)
24	306-3703	2	Bracket, Stop	82	516-0042	2	Pin, Cotter
25	306-3932	3	Bracket, Trip	83	305-0653	1	Rectifier, Bridge
26	306-3842	1	Reducer, Speed	84	332-2420	6	Mount, Tie - Cable
27	306-3731	1	Shaft, Drawout	85	332-0941	8	Tie, Cable
28	306-3732	1	Lever, Crank	86	338-2649	1	Harness, Frame - Bypass
29	306-3733	1	Spacer, Handle	87	815-0795	2	Screw, Shoulder (#6-32)
30	306-3933	1	Shaft, Threaded	88	98-6352	1	Label, Position - Switch
31	306-3923	1	Guide, Stop	89	98-6376	1	Decal, Cover - Lug
32	306-3738	2	Cover, Lug	90	98-6377	1	Decal, Cover - Lug
33	306-3739	4	Bracket, Cover - Lug	91	332-3091	1	Strip, Marker
34	306-3740	1	Pin, Guide	92	332-3092	1	Strip, Marker
35	306-3750	2	Spacer, Shutter	93	98-6107	1	Label, Caution - Jumper
36	306-3931	1	Lever, Plunger	94	332-2605	2	Jumper, Terminal
37	306-3776	1	Arm, Indicator	95	815-0447	1	Screw, Round Head - Cross- Recessed with Internal Tooth (#8-32 x 3/4")
38	306-3918	1	Collar, Locking	96	526-0012	2	Washer, Flat (#10)
39	306-3778	1	Plate, Indicator	97	98-5589	1	Tag, Caution
40	332-3059	1	Block, Terminal	98	516-0104	1	Pin, Roll (1/4 x 1-1/2")
41	332-2832	1	Block, Terminal	101	306-3965	1	Coupling, Reducer
42	306-1987	5	Barrier, Switch				
43	306-3681	1	Support, Side - Right Hand				
44	306-3841	1	Bracket, Reducer - Speed				
45	306-3684	2	Link, Drive				
46	306-3769	2	Bracket, Panel - Control				
47	306-3734	2	Collar, Threaded (.62)				
48	870-0469	4	Pushnut				
49	508-0253	2	Bushing				
50	406-0714	1	Knob, Ball				

Bypass Frame Assembly

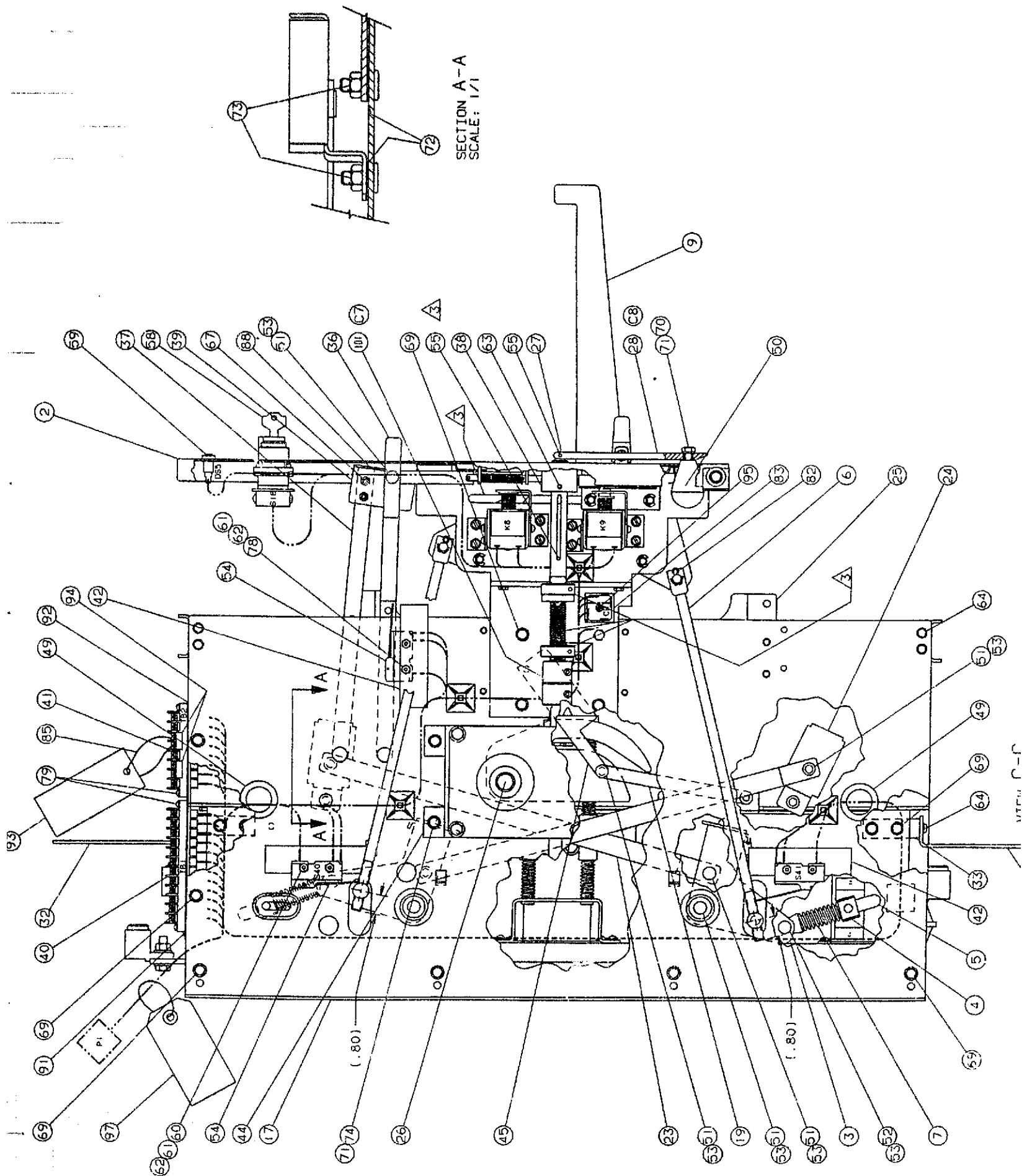


VIEW B-B
SEE SHEET 1

Bypass Frame Assembly

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Switch Assy, Bypass (See Separate Page For Components)	51	516-0233	11	Pin, Clevis
	306-3794	1	Front Connect	52	516-0234	2	Pin, Clevis
	306-3707	1	3 Pole	53	518-0115	13	Ring
			4 Pole	54	309-0611	4	Switch, Action - Snap
	306-3795	1	Rear Connect	55	516-0202	2	Pin, Spring (1/8 x 1")
	306-3796	1	3 Pole	57	516-0235	2	Pin, Clevis
2	306-3761	1	4 Pole	58	308-0957	1	Switch, Selector
			Operator Assy, Bypass (See Separate Page For Components)	59	322-0137	1	Light, Indicating
3	306-3743	2	Bracket, Actuator	60	812-0068	4	Screw, Round Head (#6-32 x 1")
4	306-3638	2	Guide, Plunger	61	98-6383	1	Tag, Caution
5	306-3636	2	Plunger, Nylon	62	870-0183	8	Nut, Lock - Hex with External Tooth
6	306-3648	2	Rod, Actuator	63	815-0157	2	Screw, Set (#10-32 x 1/4")
7	306-3650	2	Spring, Contact	64	815-0652	20	Screw, Slotted - Hex Head (#10-32 x 1/2")
8	306-3662	1	Bracket, Block - Terminal	65	870-0212	4	Nut, Lock - Flanged (1/4-20)
9	306-3665	2	Rail, Pivoting	66	98-5387	1	Label, Danger
10	306-3668	2	Bracket, Mounting - Base	67	870-0188	2	Nut, Lock (#10-32)
11	306-3936	1	Arm	68	870-0048	2	Nut, Lock (5/16-18)
12	306-3675	1	Cover, Shutter	69	815-0290	43	Screw, Cap - Hex Head (1/4-20 x 5/8")
13	306-3678	1	Rail, Lower - Right Hand	70	800-0005	3	Screw, Cap - Hex Head (1/4-20 x 3/4")
14	306-3725	1	Rail, Upper - Left Hand	71	850-0040	12	Washer, Lock (1/4")
15	306-3664	1	Rail, Upper - Right Hand	72	526-0018	10	Washer, Flat (1/4")
16	306-3680	1	Bracket, Shutter	73	870-0065	8	Nut, Lock (1/4-20)
17	306-3682	1	Support, Weldment - Left Hand	74	815-0261	5	Screw, Hex Washer Head - Self-Tapping (1/4-20 x 1/2")
18	306-3683	1	Cover, Moveable	75	800-0051	6	Screw, Cap - Hex Head (3/8-16 x 1-1/4")
19	306-3685	2	Link, Shutter	76	526-0029	6	Washer, Flat (3/8")
20	306-3686	1	Rod, Shutter	77	850-0050	6	Washer, Lock (3/8")
21	306-3687	1	Rail, Lower - Left Hand	78	812-0072	2	Screw, Round Head (#6-32 x 1-3/4")
22	306-3688	2	Bracket, Support	79	815-0651	4	Screw, Machine - Round Head (Special) (#6-32 x 3/4")
23	306-3702	2	Bar, Interlock	80	870-0257	2	Nut, Lock - Flanged (5/16-18)
24	306-3703	2	Bracket, Stop	82	516-0042	2	Pin, Cotter
25	306-3932	3	Bracket, Trip	83	305-0653	1	Rectifier, Bridge
26	306-3842	1	Reducer, Speed	84	332-2420	6	Mount, Tie - Cable
27	306-3731	1	Shaft, Drawout	85	332-0941	8	Tie, Cable
28	306-3732	1	Lever, Crank	86	338-2649	1	Harness, Frame - Bypass
29	306-3733	1	Spacer, Handle	87	815-0795	2	Screw, Shoulder (#6-32)
30	306-3933	1	Shaft, Threaded	88	98-6352	1	Label, Position - Switch
31	306-3923	1	Guide, Stop	89	98-6376	1	Decal, Cover - Lug
32	306-3738	2	Cover, Lug	90	98-6377	1	Decal, Cover - Lug
33	306-3739	4	Bracket, Cover - Lug	91	332-3091	1	Strip, Marker
34	306-3740	1	Pin, Guide	92	332-3092	1	Strip, Marker
35	306-3750	2	Spacer, Shutter	93	98-6107	1	Label, Caution - Jumper
36	306-3931	1	Lever, Plunger	94	332-2605	2	Jumper, Terminal
37	306-3776	1	Arm, Indicator	95	815-0447	1	Screw, Round Head - Cross-Recessed with Internal Tooth (#8-32 x 3/4")
38	306-3918	1	Collar, Locking	96	526-0012	2	Washer, Flat (#10)
39	306-3778	1	Plate, Indicator	97	98-5589	1	Tag, Caution
40	332-3059	1	Block, Terminal	98	516-0104	1	Pin, Roll (1/4 x 1-1/2")
41	332-2832	1	Block, Terminal	101	306-3965	1	Coupling, Reducer
42	306-1987	5	Barrier, Switch				
43	306-3681	1	Support, Side - Right Hand				
44	306-3841	1	Bracket, Reducer - Speed				
45	306-3684	2	Link, Drive				
46	306-3769	2	Bracket, Panel - Control				
47	306-3734	2	Collar, Threaded (.62)				
48	870-0469	4	Pushnut				
49	508-0253	2	Bushing				
50	406-0714	1	Knob, Ball				

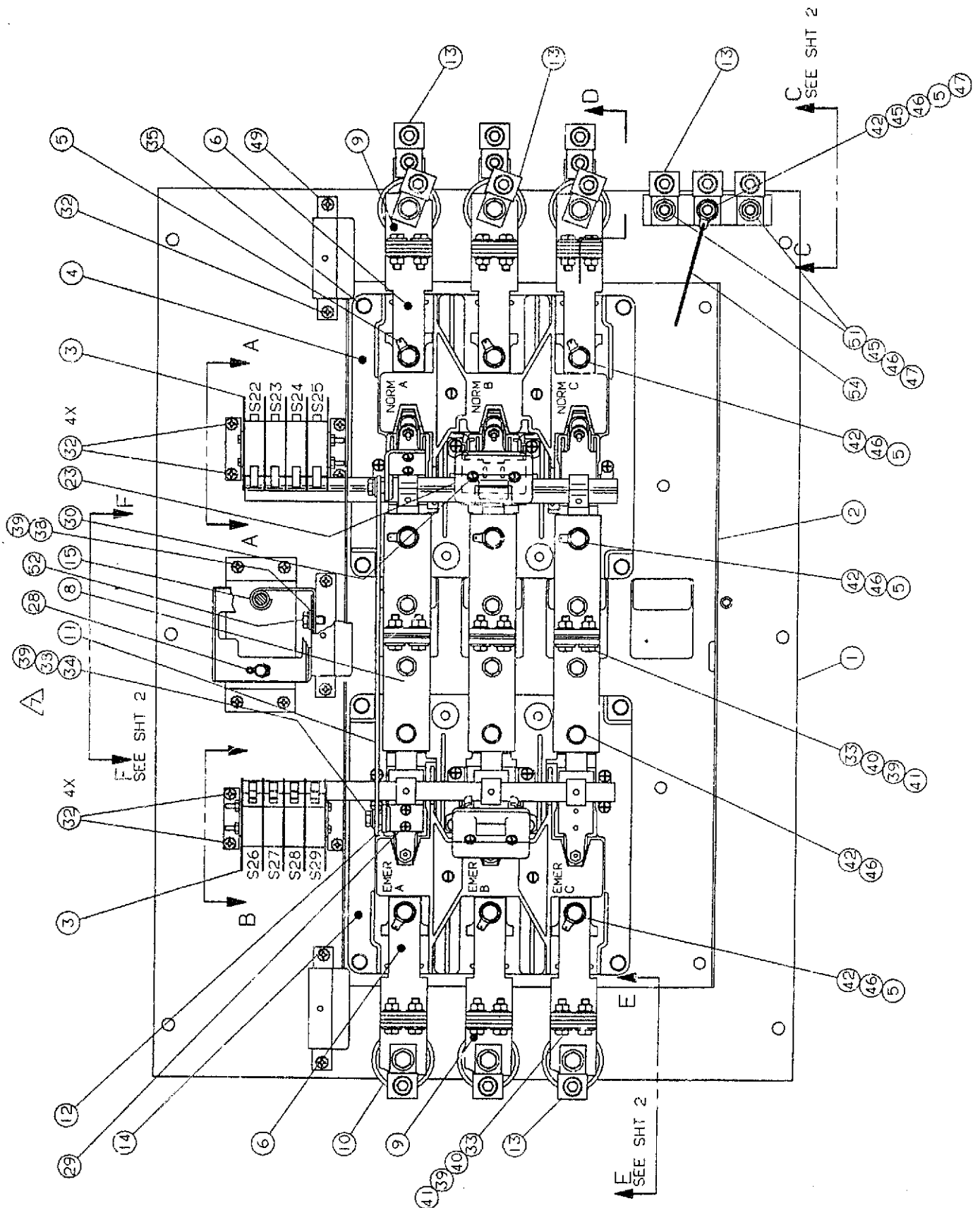
Bypass Frame Assembly



Bypass Frame Assembly

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Switch Assv. Bypass (See Separate Page For Components)	51	516-0233	11	Pin. Clevis
	306-3794	1	Front Connect	52	516-0234	2	Pin. Clevis
	306-3707	1	3 Pole	53	518-0115	13	Ring
			4 Pole	54	309-0611	4	Switch. Action - Snap
	306-3795	1	Rear Connect	55	516-0202	2	Pin. Spring (1/8 x 1")
	306-3796	1	3 Pole	57	516-0235	2	Pin. Clevis
2	306-3761	1	4 Pole	58	308-0957	1	Switch. Selector
			Operator Assy. Bypass (See Separate Page For Components)	59	322-0137	1	Light. Indicating
3	306-3743	2	Bracket. Actuator	60	812-0068	4	Screw. Round Head (#6-32 x 1")
4	306-3638	2	Guide. Plunger	61	98-6383	1	Tag. Caution
5	306-3636	2	Plunger. Nylon	62	870-0183	8	Nut. Lock - Hex with External Tooth
6	306-3648	2	Rod. Actuator	63	815-0157	2	Screw. Set (#10-32 x 1/4")
7	306-3650	2	Spring. Contact	64	815-0652	20	Screw. Slotted - Hex Head (#10-32 x 1/2")
8	306-3662	1	Bracket. Block - Terminal	65	870-0212	4	Nut. Lock - Flanged (1/4-20)
9	306-3665	2	Rail. Pivoting	66	98-5387	1	Label. Danger
10	306-3668	2	Bracket. Mounting - Base	67	870-0188	2	Nut. Lock (#10-32)
11	306-3936	1	Arm	68	870-0048	2	Nut. Lock (5/16-18)
12	306-3675	1	Cover. Shutter	69	815-0290	43	Screw. Cap - Hex Head (1/4-20 x 5/8")
13	306-3678	1	Rail. Lower - Right Hand	70	800-0005	3	Screw. Cap - Hex Head (1/4-20 x 3/4")
14	306-3725	1	Rail. Upper - Left Hand	71	850-0040	12	Washer. Lock (1/4")
15	306-3664	1	Rail. Upper - Right Hand	72	526-0018	10	Washer. Flat (1/4")
16	306-3680	1	Bracket. Shutter	73	870-0065	8	Nut. Lock (1/4-20)
17	306-3682	1	Support. Weldment - Left Hand	74	815-0261	5	Screw. Hex Washer Head - Self-Tapping (1/4-20 x 1/2")
18	306-3683	1	Cover. Moveable	75	800-0051	6	Screw. Cap - Hex Head (3/8-16 x 1-1/4")
19	306-3685	2	Link. Shutter	76	526-0029	6	Washer. Flat (3/8")
20	306-3686	1	Rod. Shutter	77	850-0050	6	Washer. Lock (3/8")
21	306-3687	1	Rail. Lower - Left Hand	78	812-0072	2	Screw. Round Head (#6-32 x 1-3/4")
22	306-3688	2	Bracket. Support	79	815-0651	4	Screw. Machine - Round Head (Special) (#6-32 x 3/4")
23	306-3702	2	Bar. Interlock	80	370-0257	2	Nut. Lock - Flanged (5/16-18)
24	306-3703	2	Bracket. Stop	82	516-0042	2	Pin. Cotter
25	306-3932	3	Bracket. Trip	83	305-0653	1	Rectifier. Bridge
26	306-3842	1	Reducer. Speed	84	332-2420	6	Mount. Tie - Cable
27	306-3731	1	Shaft. Drawout	85	332-0941	8	Tie. Cable
28	306-3732	1	Lever. Crank	86	338-2649	1	Harness. Frame - Bypass
29	306-3733	1	Spacer. Handle	87	815-0795	2	Screw. Shoulder (#6-32)
30	306-3933	1	Shaft. Threaded	88	98-6352	1	Label. Position - Switch
31	306-3923	1	Guide. Stop	89	98-6376	1	Decal. Cover - Lug
32	306-3738	2	Cover. Lug	90	98-6377	1	Decal. Cover - Lug
33	306-3739	4	Bracket. Cover - Lug	91	332-3091	1	Strip. Marker
34	306-3740	1	Pin. Guide	92	332-3092	1	Strip. Marker
35	306-3750	2	Spacer. Shutter	93	98-6107	1	Label. Caution - Jumper
36	306-3931	1	Lever. Plunger	94	332-2605	2	Jumper. Terminal
37	306-3776	1	Arm. Indicator	95	815-0447	1	Screw. Round Head - Cross- Recessed with Internal Tooth (#8-32 x 3/4")
38	306-3918	1	Collar. Locking	96	526-0012	2	Washer. Flat (#10)
39	306-3778	1	Plate. Indicator	97	98-5589	1	Tag. Caution
40	332-3059	1	Block. Terminal	98	516-0104	1	Pin. Roll (1/4 x 1-1/2")
41	332-2832	1	Block. Terminal	101	306-3965	1	Coupling. Reducer
42	306-1987	5	Barrier. Switch				
43	306-3681	1	Support. Side - Right Hand				
44	306-3841	1	Bracket. Reducer - Speed				
45	306-3684	2	Link. Drive				
46	306-3769	2	Bracket. Panel - Control				
47	306-3734	2	Collar. Threaded (.62)				
48	870-0469	4	Pushnut				
49	508-0253	2	Bushing				
50	406-0714	1	Knob. Ball				

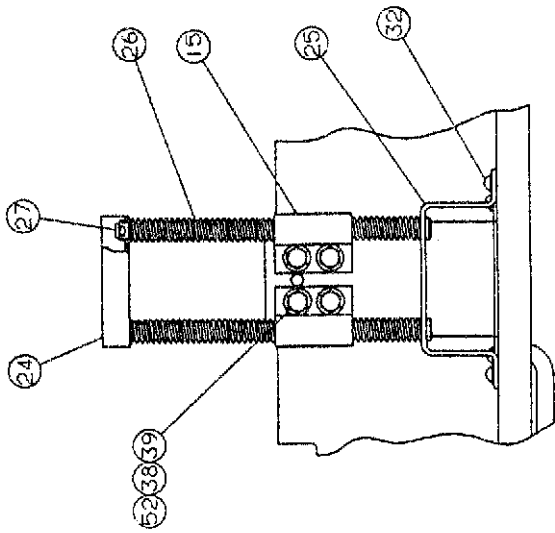
Bypass Switch Assembly Front Connect 3 Pole



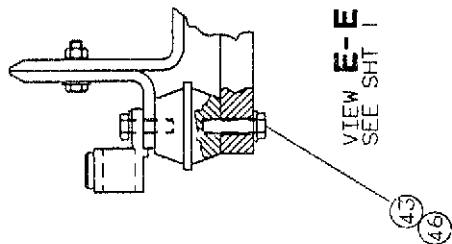
Bypass Switch Assembly Front Connect 3 Pole

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	306-3633	1	Base, Insert	32	815-0449	18	Screw, Pan Head - Cross-Recessed with External Tooth (#10-32 x 3/4")
2	306-3649	1	Barrier, Base	33	800-0007	24	Screw, Cap - Hex Head (1/4-20 x 1")
3	306-3417	2	Switch Assy, Auxiliary (See Separate Page For Components)	34	800-0003	2	Screw, Cap - Hex Head (1/2-20 x 1/2")
4	306-3476-01	1	Block & Crossbar Assy (See Separate Page For Components)	35	800-0010	8	Screw, Cap - Hex Head
5	332-2463	10	Ring, Terminal	38	850-0040	6	Washer, Lock (1/4")
6	337-2459	6	Bus, Stab - Emergency/Normal	39	526-0018	30	Washer, Flat (1/4")
7	337-2460	3	Bus, Lug - Load	40	851-0027	24	Washer, Spring - Conical (1/4"
8	337-2461	6	Bus, Stab - Load	41	862-0001	24	Nut, Hex (1/4-20)
9	337-2458	6	Bus, Lug - Normal/Emergency	42	800-0028	21	Screw, Cap - Hex Head (5/16-18 x 1")
10	332-2305	6	Standoff, Insulator	43	800-0030	3	Screw, Cap - Hex Head (5/16-18 x 1-1/4")
11	306-3482	1	Bar, Interlock	44	800-0031	3	Screw, Cap - Hex Head (5/16-18 x 1-1/2")
12	306-3729	2	Arm, Interlock	45	526-0022	3	Washer, Flat (5/16")
13		12	Lug, Solderless	46	851-0028	27	Washer, Spring - Conical (5/16"
14	306-3476-02	1	Block & Crossbar Assy (See Separate Page For Components)	47	862-0015	6	Nut, Hex (5/16-18)
15	306-3753	2	Bracket, Support - Spring	49	306-3663	3	Bracket, Shutter
23	306-3712	2	Handle, Actuator	50	337-1049	1	Bar, Neutral
24	306-3717	1	Bracket, Plug - Secdisc	51	800-0036	2	Screw, Cap - Hex Head (5/16-18 x 2-1/2")
25	306-3716	1	Bracket, Base - Secdisc	52	815-0261	4	Screw, Hex Washer Head - Self-Tapping (1/4-20 x 1/2")
26	306-3713	2	Spring, Secdisc	53	332-1348	2	Spacer, Bar - Neutral
27	516-0238	2	Pin, Clevis - Secdisc				
28	516-0040	2	Pin, Cotter (3/32 x 1")				
29	815-0446	4	Screw, Round Head - Cross-Recessed with Internal Tooth (#8-32 x 1/2")				
30	815-0496	4	Screw, Round Head - Cross-Recessed with Internal Tooth (#8-32 x 3/4")				

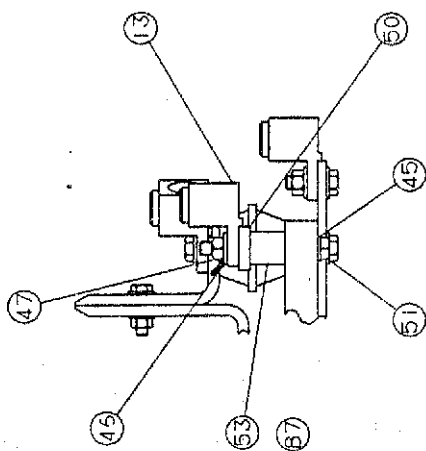
Bypass Switch Assembly Front Connect 3 Pole



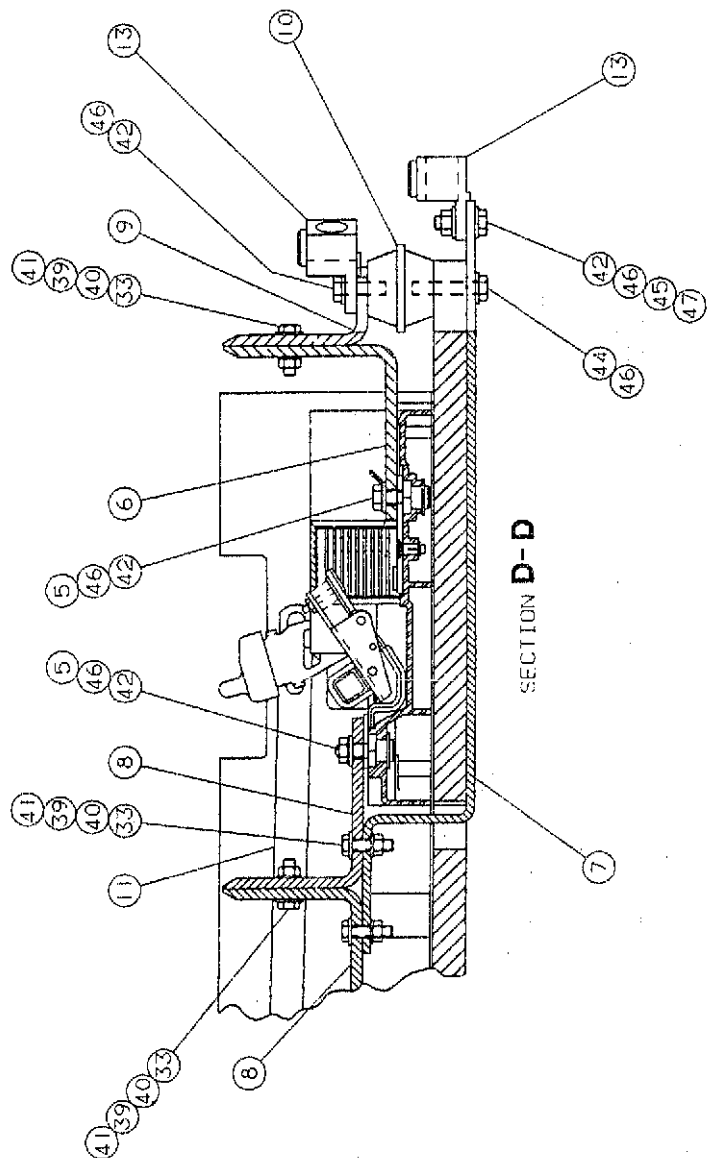
VIEW F-F
ROTATED 180°
SEE SHT 1



VIEW E-E
SEE SHT 1



VIEW C-C
SEE SHT 1

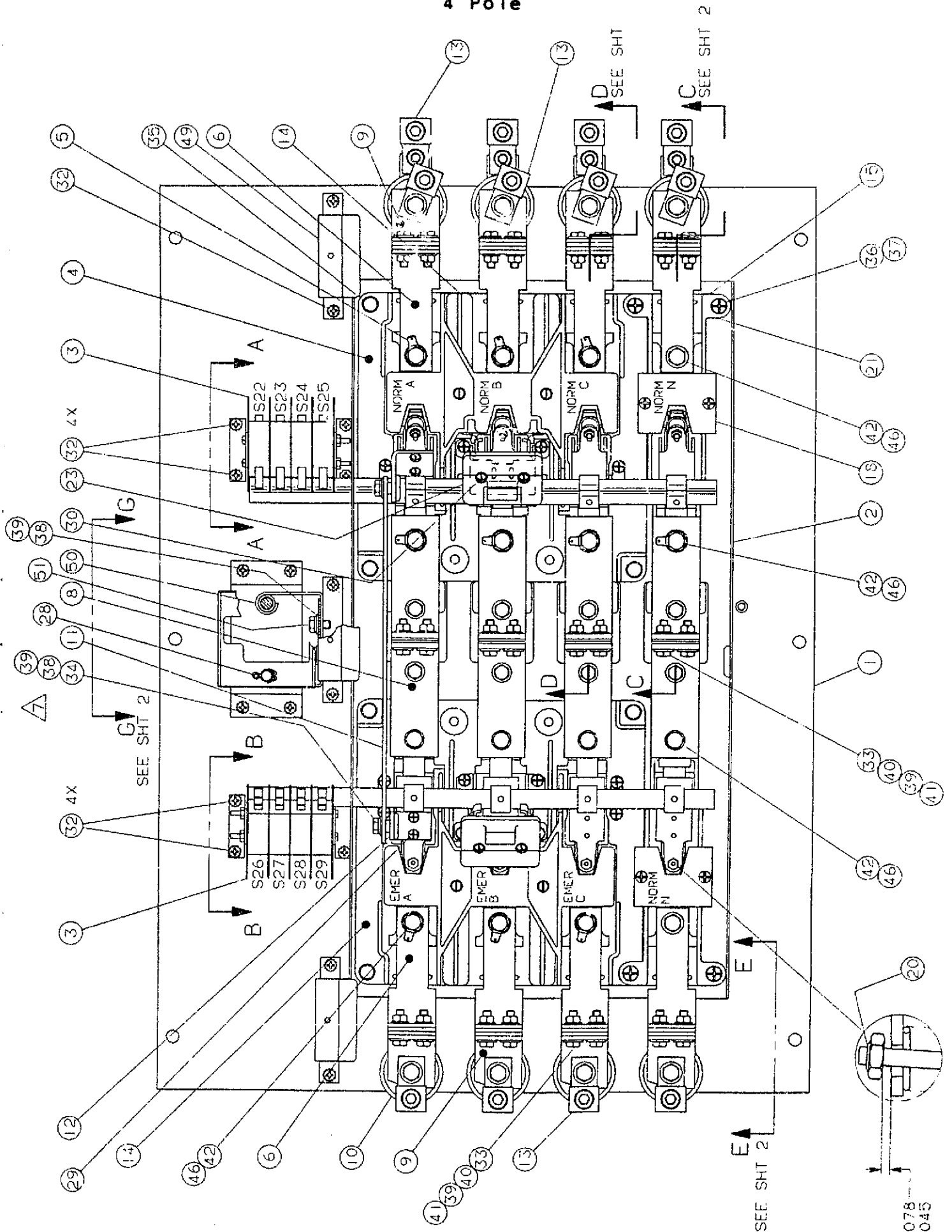


SECTION D-D

Bypass Switch Assembly **Front Connect** **3 Pole**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	306-3633	1	Base, Insert	32	815-0449	18	Screw, Pan Head - Cross- Recessed with External Tooth (#10-32 x 3/4")
2	306-3649	1	Barrier, Base				
3	306-3417	2	Switch Assy, Auxiliary (See Separate Page For Components)	33	800-0007	24	Screw, Cap - Hex Head (1/4-20 x 1")
4	306-3476-01	1	Block & Crossbar Assy (See Separate Page For Components)	34	800-0003	2	Screw, Cap - Hex Head (1/2-20 x 1/2")
5	332-2463	10	Ring, Terminal	35	800-0010	8	Screw, Cap - Hex Head
6	337-2459	6	Bus, Stab - Emergency/Normal	38	850-0040	6	Washer, Lock (1/4")
7	337-2460	3	Bus, Lug - Load	39	526-0018	30	Washer, Flat (1/4")
8	337-2461	6	Bus, Stab - Load	40	851-0027	24	Washer, Spring - Conical (1/4"
9	337-2458	6	Bus, Lug - Normal/Emergency	41	862-0001	24	Nut, Hex (1/4-20)
10	332-2305	6	Standoff, Insulator	42	800-0028	21	Screw, Cap - Hex Head (5/16-18 x 1")
11	306-3482	1	Bar, Interlock	43	800-0030	3	Screw, Cap - Hex Head (5/16-18 x 1-1/4")
12	306-3729	2	Arm, Interlock	44	800-0031	3	Screw, Cap - Hex Head (5/16-18 x 1-1/2")
13		12	Lug, Solderless	45	526-0022	3	Washer, Flat (5/16")
14	306-3476-02	1	Block & Crossbar Assy (See Separate Page For Components)	46	851-0028	27	Washer, Spring - Conical (5/16"
15	306-3753	2	Bracket, Support - Spring	47	862-0015	6	Nut, Hex (5/16-18)
23	306-3712	2	Handle, Actuator	49	306-3663	3	Bracket, Shutter
24	306-3717	1	Bracket, Plug - Secdisc	50	337-1049	1	Bar, Neutral
25	306-3716	1	Bracket, Base - Secdisc	51	800-0036	2	Screw, Cap - Hex Head (5/16-18 x 2-1/2")
26	306-3713	2	Spring, Secdisc	52	815-0261	4	Screw, Hex Washer Head - Self- Tapping (1/4-20 x 1/2")
27	516-0238	2	Pin, Clevis - Secdisc	53	332-1348	2	Spacer, Bar - Neutral
28	516-0040	2	Pin, Cotter (3/32 x 1")				
29	815-0446	4	Screw, Round Head - Cross- Recessed with Internal Tooth (#8-32 x 1/2")				
30	815-0496	4	Screw, Round Head - Cross- Recessed with Internal Tooth (#8-32 x 3/4")				

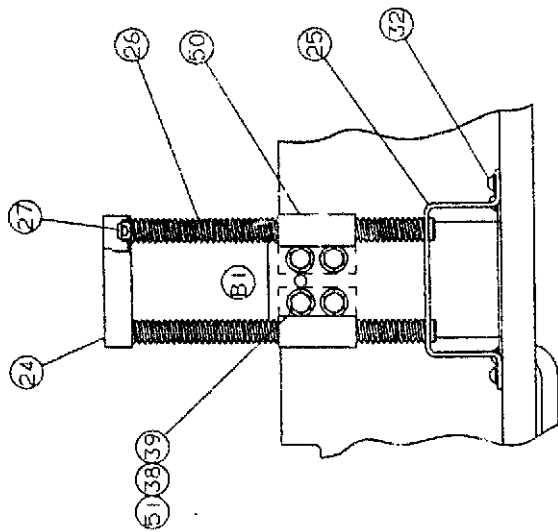
Bypass Switch Assembly Front Connect 4 Pole



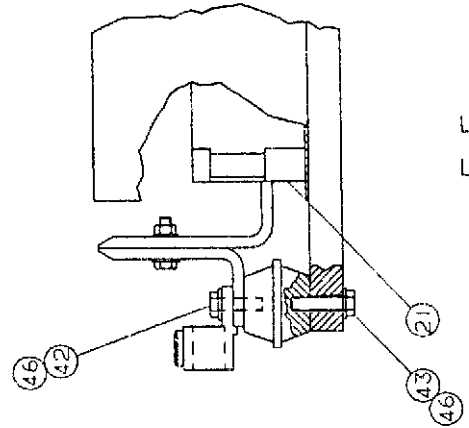
Bypass Switch Assembly Front Connect 4 Pole

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	306-3633	1	Base, Insert	31	815-0527	4	Screw, Pan Head - Self-Tappin (#10-32 x 1/2")
2	306-3649	1	Barrier, Base	32	815-0449	14	Screw, Pan Head - Cross- Recessed with External Tooth (#10-32 x 3/4")
3	306-3417	2	Switch Assv, Auxiliary (See Separate Page For Components)	33	800-0007	34	Screw, Cap - Hex Head (1/4-20 x 1")
4	306-3580-01	1	Block & Crossbar Assy (See Separate Page For Components)	34	800-0003	2	Screw, Cap - Hex Head (1/2-20 x 1/2")
5	332-2463	10	Ring, Terminal	35	300-0010	6	Screw, Cap - Hex Head (1/4-20 x 1-3/4")
6	337-2459	8	Bus, Stab - Emergency/Normal	36	812-0162	4	Screw, Machine - Round Head (1/4-20 x 3")
7	337-2460	4	Bus, Lug - Load	37	854-0015	4	Washer, Lock -Internal Tooth (1/4")
8	337-2461	8	Bus, Stab - Load	38	850-0040	6	Washer, Lock (1/4")
9	337-2458	8	Bus, Lug - Normal/Emergency	39	526-0018	38	Washer, Flat (1/4")
10	332-2305	8	Standoff, Insulator	40	851-0027	32	Washer, Spring - Conical (1/4
11	306-3482	1	Bar, Interlock	41	862-0001	32	Nut, Hex (1/4-20)
12	306-3727	2	Arm, Interlock	42	800-0028	28	Screw, Cap - Hex Head (5/16-18 x 1")
13		12	Lug, Solderless	43	800-0030	4	Screw, Cap - Hex Head (5/16-18 x 1-1/4")
14	306-3580-02	1	Block & Crossbar Assy (See Separate Page For Components)	44	800-0026	8	Screw, Cap - Hex Head (5/16-18 x 1-1/2")
15	306-3578	2	Block & Contact Assy (See Separate Page For Components)	45	526-0022	4	Washer, Flat (5/16")
17	306-0268	2	Chute, Arc	46	851-0028	32	Washer, Spring - Conical (5/1
18	306-3576	2	Cover, Chute - Arc	47	862-0015	4	Nut, Hex (5/16-18)
19	306-2352	2	Insulator, Chute - Arc	48	337-2465	2	Bus, Spacer
21	306-3627	2	Spacer, Block - Mounting	49	306-3663	3	Bracket, Shutter
23	306-3712	2	Handle, Actuator	50	306-3753	2	Bracket, Support - Spring
24	306-3717	1	Bracket, Plug - Secdisc	51	815-0261	4	Screw, Hex Washer Head - Self Tapping (1/4-20 x 1/2")
25	306-3716	1	Bracket, Base - Secdisc				
26	306-3713	2	Spring, Secdisc				
27	516-0238	2	Pin, Clevis - Secdisc				
28	516-0040	2	Pin, Cotter (3/32 x 1")				
29	815-0446	4	Screw, Round Head - Cross- Recessed with Internal Tooth (#8-32 x 1/2")				
30	815-0496	4	Screw, Round Head - Cross- Recessed with Internal Tooth (#8-32 x 3/4")				

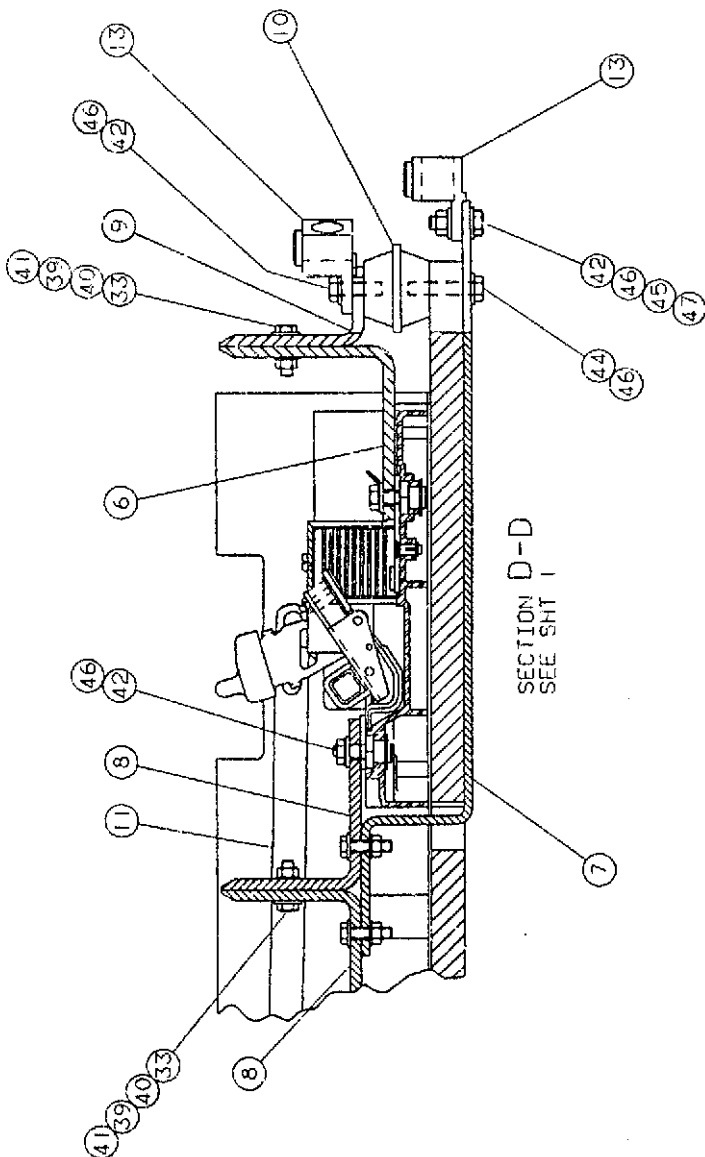
Bypass Switch Assembly Front Connect 4 Pole



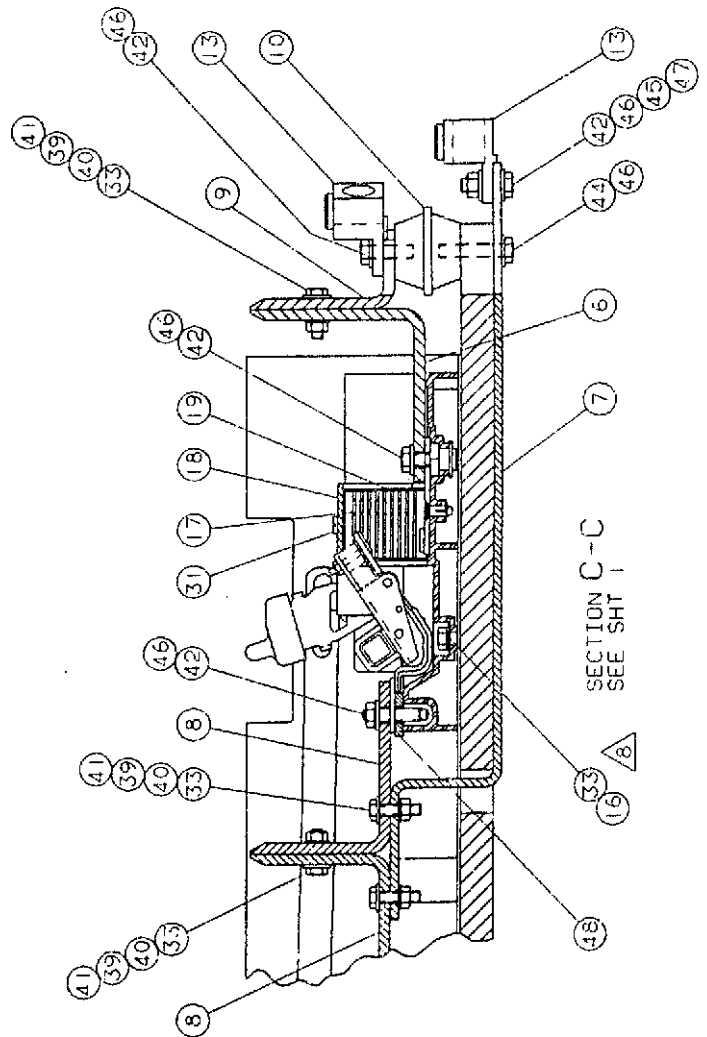
VIEW G-G
ROTATED 180°
SEE SHT 1



VIEW E-E
SEE SHT 1



SECTION D-D
SEE SHT 1

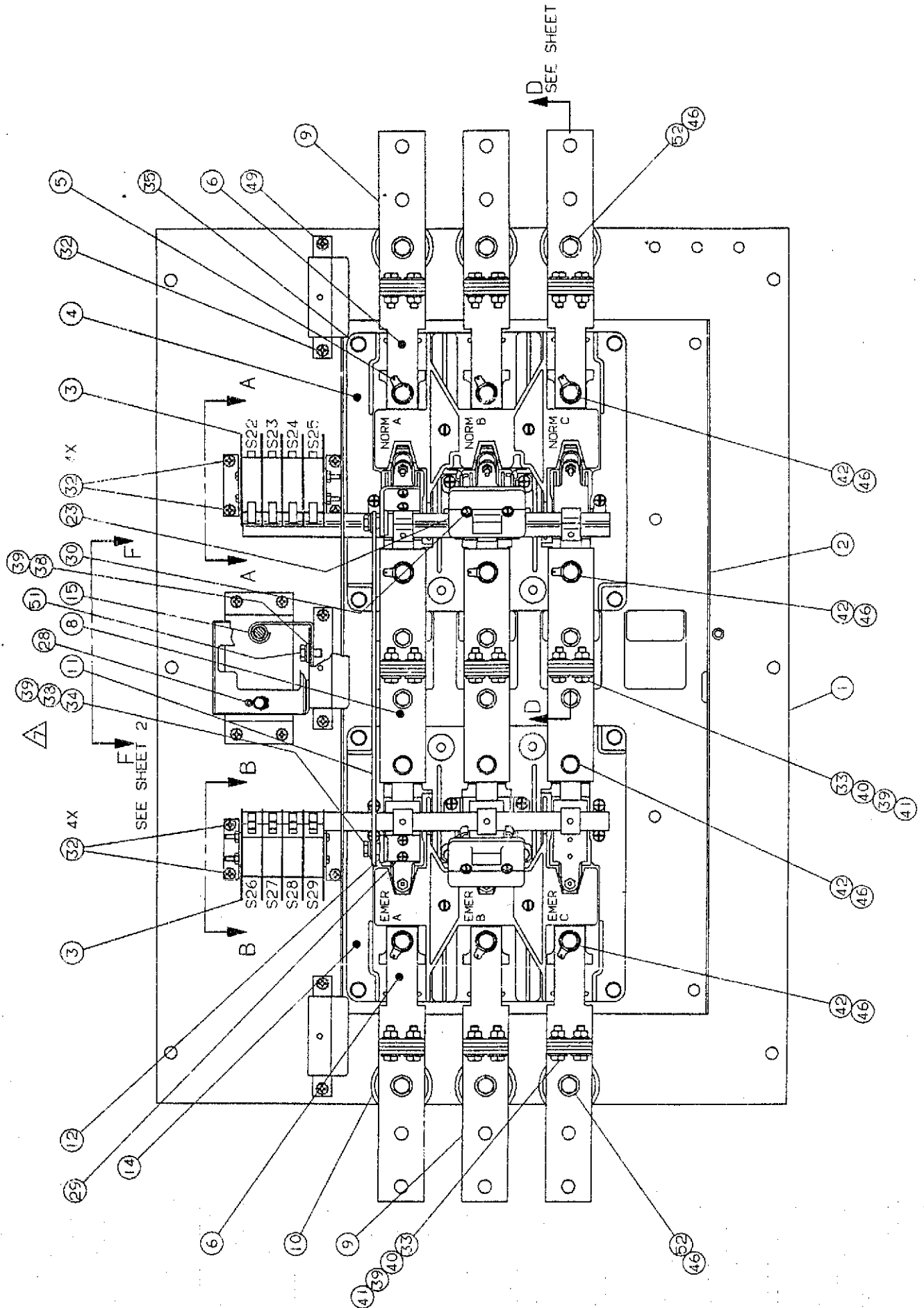


SECTION C-C
SEE SHT 1

**Bypass Switch Assembly
Front Connect
4 Pole**

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	306-3633	1	Base, Insert	31	815-0527	4	Screw, Pan Head - Self-Tapping (#10-32 x 1/2")
2	306-3649	1	Barrier, Base	32	815-0449	14	Screw, Pan Head - Cross-Recessed with External Tooth (#10-32 x 3/4")
3	306-3417	2	Switch Assy, Auxiliary (See Separate Page For Components)	33	800-0007	34	Screw, Cap - Hex Head (1/4-20 x 1")
4	306-3580-01	1	Block & Crossbar Assy (See Separate Page For Components)	34	800-0003	2	Screw, Cap - Hex Head (1/2-20 x 1/2")
5	332-2463	10	Ring, Terminal	35	800-0010	6	Screw, Cap - Hex Head (1/4-20 x 1-3/4")
6	337-2459	8	Bus, Stab - Emergency/Normal	36	812-0162	4	Screw, Machine - Round Head (1/4-20 x 3")
7	337-2460	4	Bus, Lug - Load	37	854-0015	4	Washer, Lock - Internal Tooth (1/4")
8	337-2461	8	Bus, Stab - Load	38	850-0040	6	Washer, Lock (1/4")
9	337-2458	8	Bus, Lug - Normal/Emergency	39	526-0018	38	Washer, Flat (1/4")
10	332-2305	8	Standoff, Insulator	40	851-0027	32	Washer, Spring - Conical (1/4")
11	306-3482	1	Bar, Interlock	41	862-0001	32	Nut, Hex (1/4-20)
12	306-3727	2	Arm, Interlock	42	800-0028	28	Screw, Cap - Hex Head (5/16-18 x 1")
13		12	Lug, Solderless	43	800-0030	4	Screw, Cap - Hex Head (5/16-18 x 1-1/4")
14	306-3580-02	1	Block & Crossbar Assy (See Separate Page For Components)	44	800-0026	8	Screw, Cap - Hex Head (5/16-18 x 1-1/2")
15	306-3578	2	Block & Contact Assy (See Separate Page For Components)	45	526-0022	4	Washer, Flat (5/16")
17	306-0268	2	Chute, Arc	46	851-0028	32	Washer, Spring - Conical (5/16")
18	306-3576	2	Cover, Chute - Arc	47	862-0015	4	Nut, Hex (5/16-18)
19	306-2352	2	Insulator, Chute - Arc	48	337-2465	2	Bus, Spacer
21	306-3627	2	Spacer, Block - Mounting	49	306-3663	3	Bracket, Shutter
23	306-3712	2	Handle, Actuator	50	306-3753	2	Bracket, Support - Spring
24	306-3717	1	Bracket, Plug - Secdisc	51	815-0261	4	Screw, Hex Washer Head - Self-Tapping (1/4-20 x 1/2")
25	306-3716	1	Bracket, Base - Secdisc				
26	306-3713	2	Spring, Secdisc				
27	516-0238	2	Pin, Clevis - Secdisc				
28	516-0040	2	Pin, Cotter (3/32 x 1")				
29	815-0446	4	Screw, Round Head - Cross-Recessed with Internal Tooth (#8-32 x 1/2")				
30	815-0496	4	Screw, Round Head - Cross-Recessed with Internal Tooth (#8-32 x 3/4")				

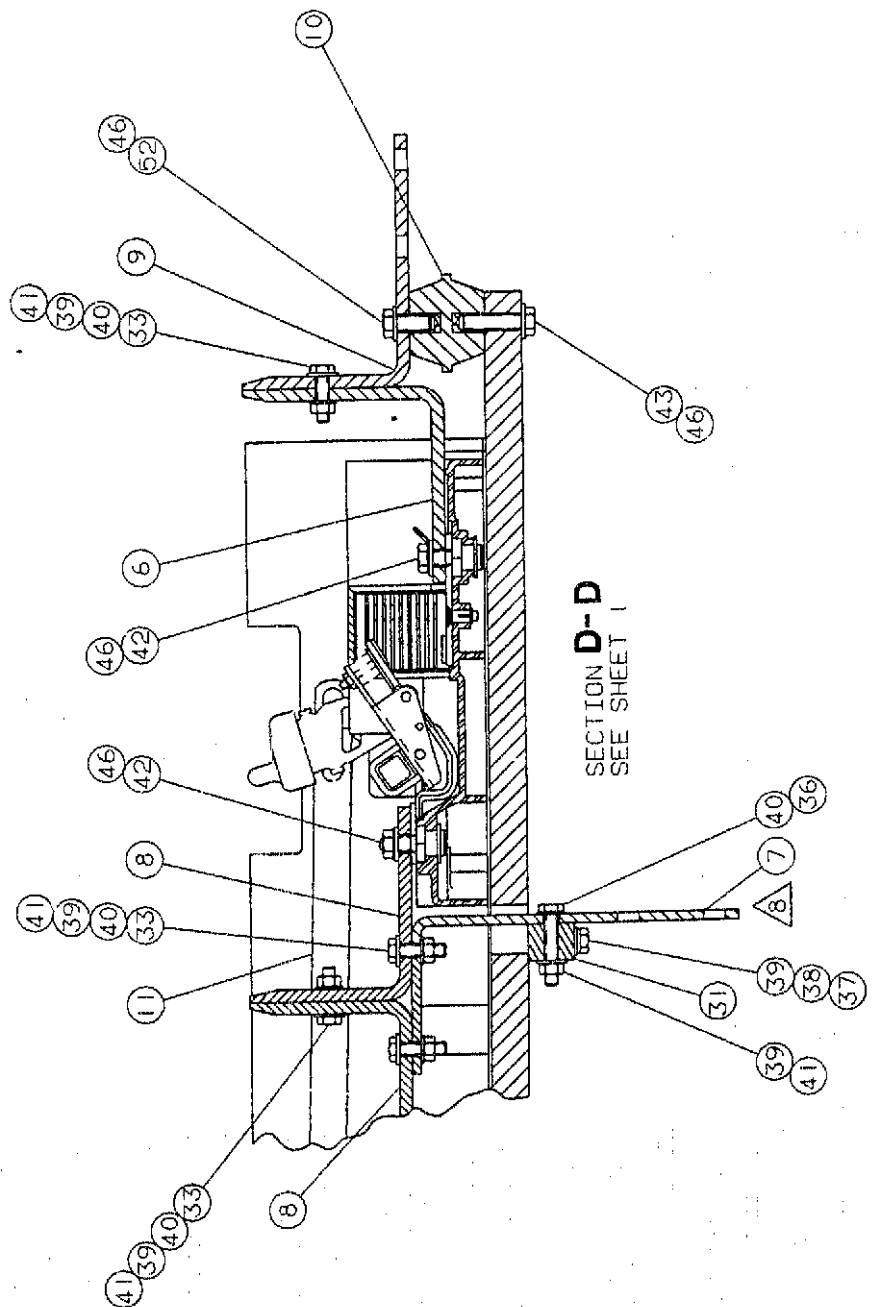
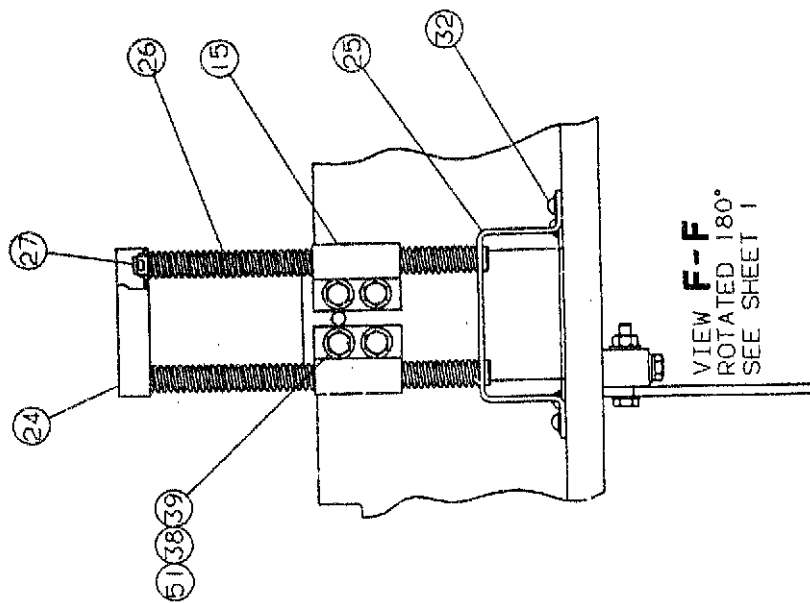
Bypass Switch Assembly Rear Connect 3 Pole



Bypass Switch Assembly Rear Connect 3 Pole

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	306-3633	1	Base, Insert	31	306-3634	1	Bar, Support - Load
2	306-3649	1	Barrier, Base	32	815-0449	18	Screw, Pan Head - Cross-Recessed with External Tooth (#10-32 x 3/4")
3	306-3417	2	Switch Assy, Auxiliary (See Separate Page For Components)	33	800-0007	24	Screw, Cap - Hex Head (1/4-20 x 1")
4	306-3476-01	1	Block & Crossbar Assy (See Separate Page For Components)	34	800-0003	2	Screw, Cap - Hex Head (1/2-20 x 1/2")
5	332-2463	9	Ring, Terminal	35	800-0010	8	Screw, Cap - Hex Head (1/4-20 x 1-3/4")
6	337-2459	6	Bus, Stab - Emergency/Normal	36	800-0009	3	Screw, Cap - Hex Head (1/4-20 x 1-1/2")
7	337-2500	3	Bus, Load - Rear	37	800-0011	2	Screw, Cap - Hex Head (1/4-20 x 2")
8	337-2461	6	Bus, Stab - Load	38	850-0040	8	Washer, Lock (1/4")
9	337-2559-01	6	Bus, Lug - Normal/Emergency	39	526-0018	35	Washer, Flat (1/4")
10	332-2305	6	Standoff, Insulator	40	851-0027	27	Washer, Spring - Conical (1/4")
11	306-3482	1	Bar, Interlock	41	862-0001	27	Nut, Hex (1/4-20)
12	306-3729	2	Arm, Interlock	42	800-0028	12	Screw, Cap - Hex Head (5/16-18 x 1")
14	306-3476-02	1	Block & Crossbar Assy (See Separate Page For Components)	43	800-0030	6	Screw, Cap - Hex Head (5/16-18 x 1-1/4")
15	306-3753	2	Bracket, Support - Spring	46	851-0028	24	Washer, Spring - Conical (5/16-18 x 1-1/4")
23	306-3712	2	Handle, Actuator	49	306-3663	3	Bracket, Shutter
24	306-3717	1	Bracket, Plug - Secdisc	51	815-0261	4	Screw, Hex Washer Head - Self-Tapping (1/4-20 x 1/2")
25	306-3716	1	Bracket, Base - Secdisc	52	800-0026	6	Screw, Cap - Hex Head (5/16-18 x 3/4")
26	306-3713	2	Spring, Secdisc				
27	516-0238	2	Pin, Clevis - Secdisc				
28	516-0040	2	Pin, Cotter (3/32 x 1")				
29	815-0446	4	Screw, Round Head - Cross-Recessed with Internal Tooth (#8-32 x 1/2")				
30	815-0496	4	Screw, Round Head - Cross-Recessed with Internal Tooth (#8-32 x 3/4")				

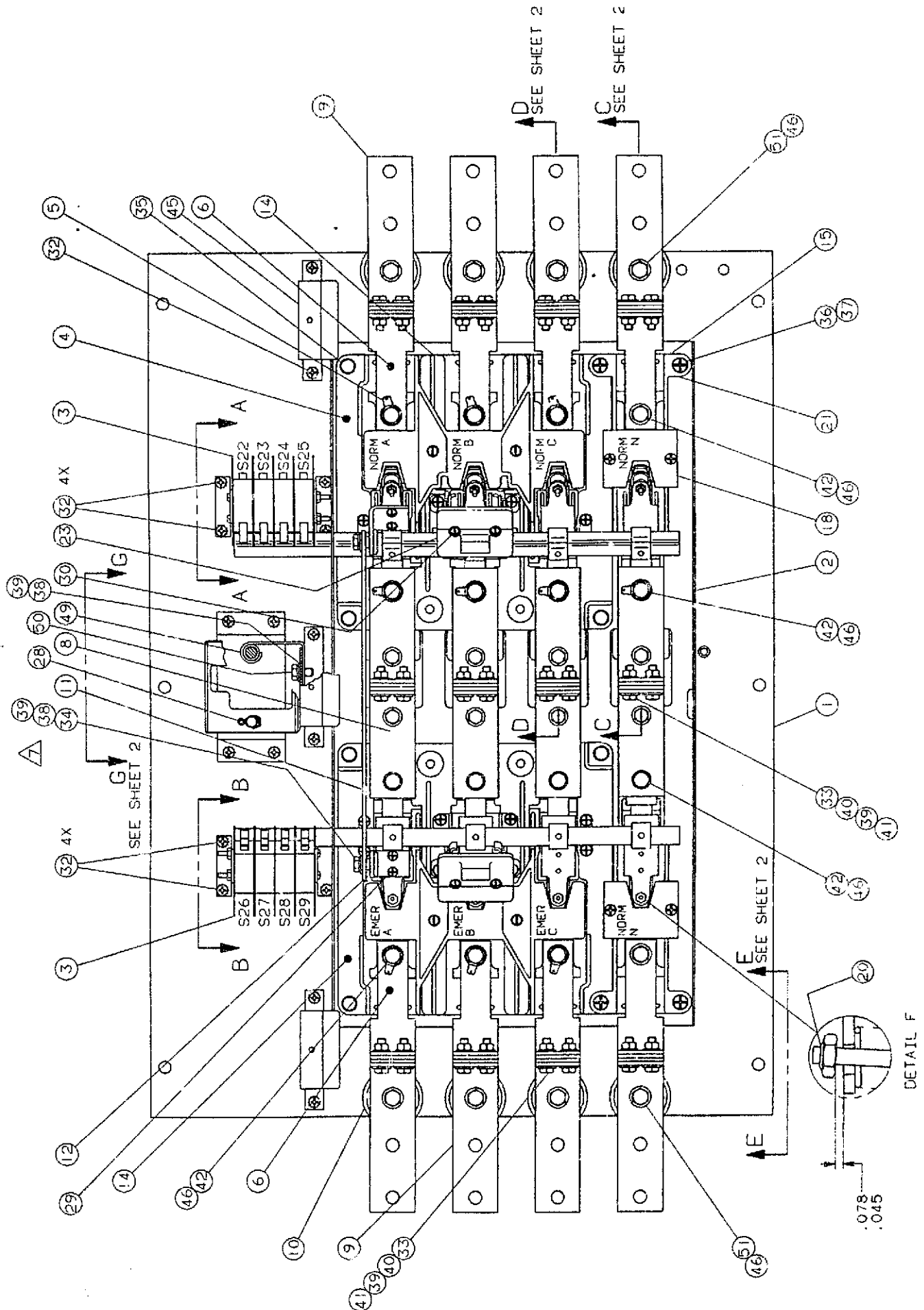
Bypass Switch Assembly Rear Connect 3 Pole



Bypass Switch Assembly Rear Connect 3 Pole

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	306-3633	1	Base, Insert	31	306-3634	1	Bar, Support - Load
2	306-3649	1	Barrier, Base	32	815-0449	18	Screw, Pan Head - Cross-Recessed with External Tooth (#10-32 x 3/4")
3	306-3417	2	Switch Assy, Auxiliary (See Separate Page For Components)	33	800-0007	24	Screw, Cap - Hex Head (1/4-20 x 1")
4	306-3476-01	1	Block & Crossbar Assy (See Separate Page For Components)	34	800-0003	2	Screw, Cap - Hex Head (1/2-20 x 1/2")
5	332-2463	9	Ring, Terminal	35	800-0010	8	Screw, Cap - Hex Head (1/4-20 x 1-3/4")
6	337-2459	6	Bus, Stab - Emergency/Normal	36	800-0009	3	Screw, Cap - Hex Head (1/4-20 x 1-1/2")
7	337-2500	3	Bus, Load - Rear	37	800-0011	2	Screw, Cap - Hex Head (1/4-20 x 2")
8	337-2461	6	Bus, Stab - Load	38	850-0040	8	Washer, Lock (1/4")
9	337-2559-01	6	Bus, Lug - Normal/Emergency	39	526-0018	35	Washer, Flat (1/4")
10	332-2305	6	Standoff, Insulator	40	851-0027	27	Washer, Spring - Conical (1/4")
11	306-3482	1	Bar, Interlock	41	862-0001	27	Nut, Hex (1/4-20)
12	306-3729	2	Arm, Interlock	42	800-0028	12	Screw, Cap - Hex Head (5/16-18 x 1")
14	306-3476-02	1	Block & Crossbar Assy (See Separate Page For Components)	43	800-0030	6	Screw, Cap - Hex Head (5/16-18 x 1-1/4")
15	306-3753	2	Bracket, Support - Spring	46	851-0028	24	Washer, Spring - Conical (5/16-18 x 1-1/4")
23	306-3712	2	Handle, Actuator	49	306-3663	3	Bracket, Shutter
24	306-3717	1	Bracket, Plug - Secdisc	51	815-0261	4	Screw, Hex Washer Head - Self-Tapping (1/4-20 x 1/2")
25	306-3716	1	Bracket, Base - Secdisc	52	800-0026	6	Screw, Cap - Hex Head (5/16-18 x 3/4")
26	306-3713	2	Spring, Secdisc				
27	516-0238	2	Pin, Clevis - Secdisc				
28	516-0040	2	Pin, Cotter (3/32 x 1")				
29	815-0446	4	Screw, Round Head - Cross-Recessed with Internal Tooth (#8-32 x 1/2")				
30	815-0496	4	Screw, Round Head - Cross-Recessed with Internal Tooth (#8-32 x 3/4")				

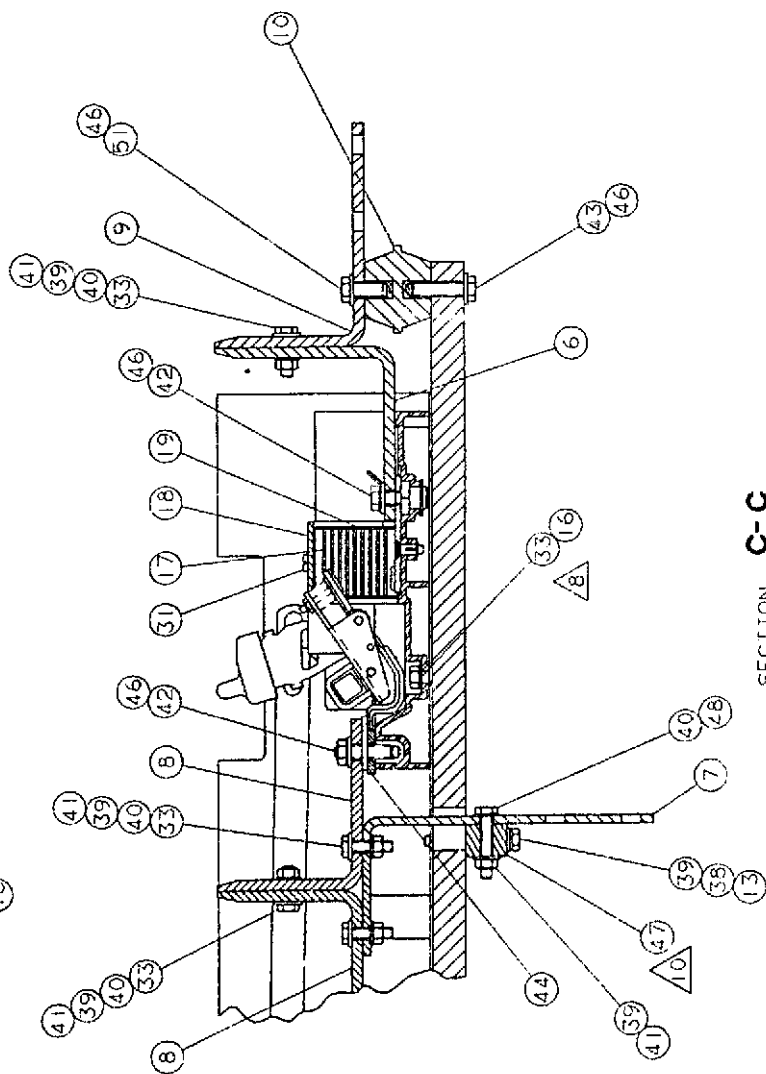
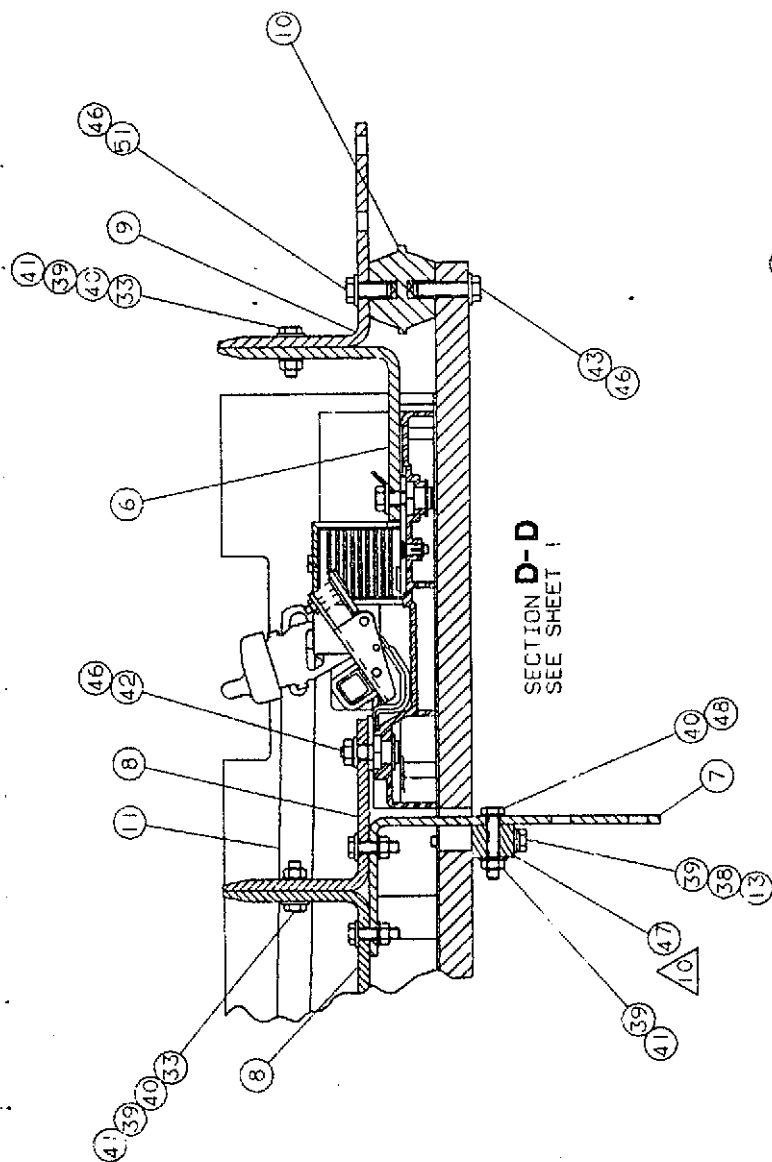
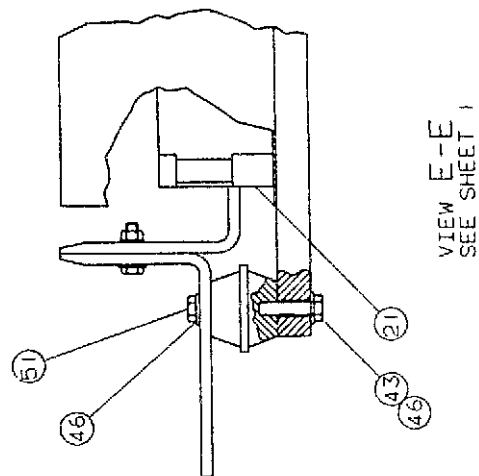
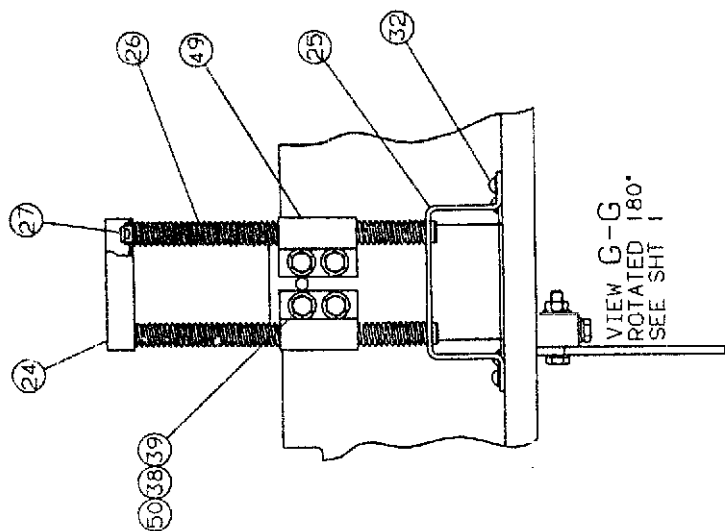
Bypass Switch Assembly Rear Connect 4 Pole



Bypass Switch Assembly Rear Connect 4 Pole

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	306-3633	1	Base, Insert	31	815-0527	4	Screw, Pan Head - Self-Tappin (#10-32 x 1/2")
2	306-3649	1	Barrier, Base	32	815-0449	14	Screw, Pan Head - Cross- Recessed with External Tooth (#10-32 x 3/4")
3	306-3417	2	Switch Assy, Auxiliary (See Separate Page For Components)	33	800-0007	34	Screw, Cap - Hex Head (1/4-20 x 1")
4	306-3580-01	1	Block & Crossbar Assy (See Separate Page For Components)	34	800-0003	2	Screw, Cap - Hex Head (1/2-20 x 1/2")
5	332-2463	10	Ring, Terminal	35	800-0010	6	Screw, Cap - Hex Head (1/4-20 x 1-3/4")
6	337-2459	8	Bus, Stab - Emergency/Normal	36	812-0162	4	Screw, Machine - Round Head (1/4-20 x 3")
7	337-2500	4	Bus, Load - Rear	37	854-0015	4	Washer, Lock -Internal Tooth (1/4")
8	337-2461	8	Bus, Stab - Load	38	850-0040	8	Washer, Lock (1/4")
9	337-2559-01	8	Bus, Lug - Normal/Emergency	39	526-0018	42	Washer, Flat (1/4")
10	332-2305	8	Standoff, Insulator	40	851-0027	36	Washer, Spring - Conical (1/4
11	306-3482	1	Bar, Interlock	41	862-0001	36	Nut, Hex (1/4-20)
12	306-3729	2	Arm, Interlock	42	800-0028	16	Screw, Cap - Hex Head (5/16-18 x 1")
13	800-0011	2	Screw, Cap - Hex Head (1/4-20 x 2")	43	800-0030	8	Screw, Cap - Hex Head (5/16-18 x 1-1/4")
14	306-3580-02	1	Block & Crossbar Assy (See Separate Page For Components)	44	337-2465	2	Bus, Spacer
15	306-3578	2	Block & Contact Assy (See Separate Page For Components)	45	306-3663	3	Bracket, Shutter
17	306-0268	2	Chute, Arc	46	851-0028	32	Washer, Spring - Conical (5/1
18	306-3576	2	Cover, Chute - Arc	47	306-3634	1	Bar, Support - Load
19	306-2352	2	Insulator, Chute - Arc	48	800-0009	4	Screw, Cap - Hex Head (1/4-20 x 1-1/2")
21	306-3627	2	Spacer, Block - Mounting	49	306-3753	2	Bracket, Support - Spring
23	306-3712	2	Handle, Actuator	50	815-0261	4	Screw, Hex Washer Head - Self Tapping (1/4-20 x 1/2")
24	306-3717	1	Bracket, Plug - Secdisc	51	800-0026	8	Screw, Cap - Hex Head (5/16-18 x 3/4")
25	306-3716	1	Bracket, Base - Secdisc				
26	306-3713	2	Spring, Secdisc				
27	516-0238	2	Pin, Clevis - Secdisc				
28	516-0040	2	Pin, Cotter (3/32 x 1")				
29	815-0446	4	Screw, Round Head - Cross- Recessed with Internal Tooth (#8-32 x 1/2")				
30	815-0496	4	Screw, Round Head - Cross- Recessed with Internal Tooth (#8-32 x 3/4")				

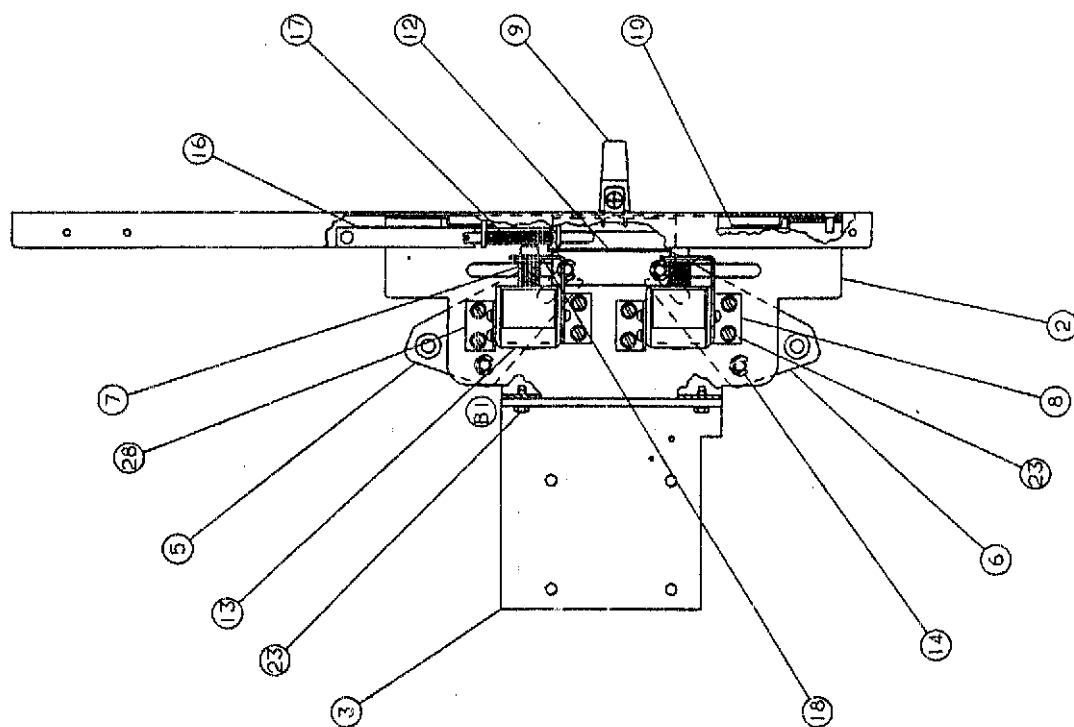
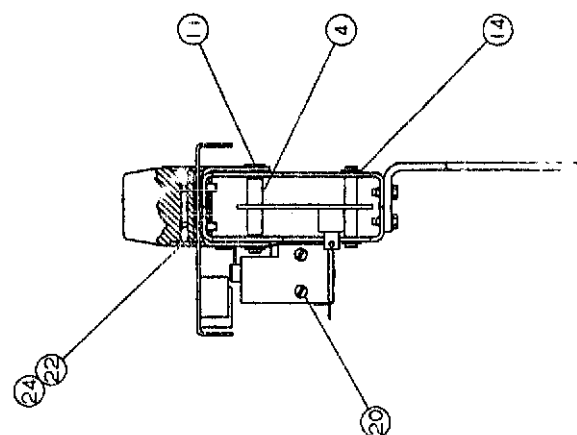
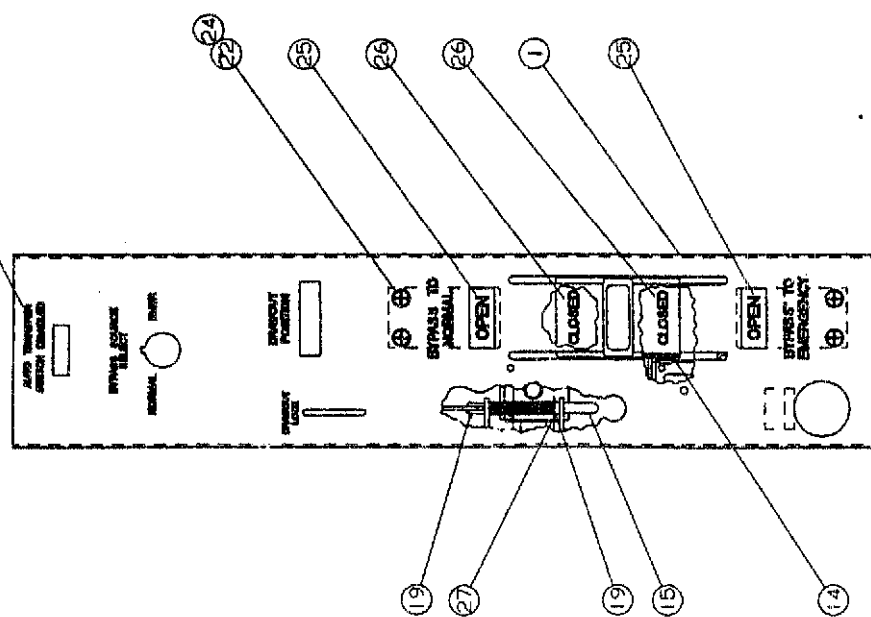
Bypass Switch Assembly Rear Connect 4 Pole



Bypass Switch Assembly Rear Connect 4 Pole

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	306-3633	1	Base, Insert	31	815-0527	4	Screw, Pan Head - Self-Tapping (#10-32 x 1/2")
2	306-3649	1	Barrier, Base	32	815-0449	14	Screw, Pan Head - Cross-Recessed with External Tooth (#10-32 x 3/4")
3	306-3417	2	Switch Assy, Auxiliary (See Separate Page For Components)	33	800-0007	34	Screw, Cap - Hex Head (1/4-20 x 1")
4	306-3580-01	1	Block & Crossbar Assy (See Separate Page For Components)	34	800-0003	2	Screw, Cap - Hex Head (1/2-20 x 1/2")
5	332-2463	10	Ring, Terminal	35	800-0010	6	Screw, Cap - Hex Head (1/4-20 x 1-3/4")
6	337-2459	8	Bus, Stab - Emergency/Normal	36	812-0162	4	Screw, Machine - Round Head (1/4-20 x 3")
7	337-2500	4	Bus, Load - Rear	37	854-0015	4	Washer, Lock - Internal Tooth (1/4")
8	337-2461	8	Bus, Stab - Load	38	850-0040	8	Washer, Lock (1/4")
9	337-2559-01	8	Bus, Lug - Normal/Emergency	39	526-0018	42	Washer, Flat (1/4")
10	332-2305	8	Standoff, Insulator	40	851-0027	36	Washer, Spring - Conical (1/4-20 x 1-1/4")
11	306-3482	1	Bar, Interlock	41	862-0001	36	Nut, Hex (1/4-20)
12	306-3729	2	Arm, Interlock	42	800-0028	16	Screw, Cap - Hex Head (5/16-18 x 1")
13	800-0011	2	Screw, Cap - Hex Head (1/4-20 x 2")	43	800-0030	8	Screw, Cap - Hex Head (5/16-18 x 1-1/4")
14	306-3580-02	1	Block & Crossbar Assy (See Separate Page For Components)	44	337-2465	2	Bus, Spacer
15	306-3578	2	Block & Contact Assy (See Separate Page For Components)	45	306-3663	3	Bracket, Shutter
17	306-0268	2	Chute, Arc	46	851-0028	32	Washer, Spring - Conical (5/16-18 x 1-1/4")
18	306-3576	2	Cover, Chute - Arc	47	306-3634	1	Bar, Support - Load
19	306-2352	2	Insulator, Chute - Arc	48	800-0009	4	Screw, Cap - Hex Head (1/4-20 x 1-1/2")
21	306-3627	2	Spacer, Block - Mounting	49	306-3753	2	Bracket, Support - Spring
23	306-3712	2	Handle, Actuator	50	815-0261	4	Screw, Hex Washer Head - Self-Tapping (1/4-20 x 1/2")
24	306-3717	1	Bracket, Plug - Secdisc	51	800-0026	8	Screw, Cap - Hex Head (5/16-18 x 3/4")
25	306-3716	1	Bracket, Base - Secdisc				
26	306-3713	2	Spring, Secdisc				
27	516-0238	2	Pin, Clevis - Secdisc				
28	516-0040	2	Pin, Cotter (3/32 x 1")				
29	815-0446	4	Screw, Round Head - Cross-Recessed with Internal Tooth (#8-32 x 1/2")				
30	815-0496	4	Screw, Round Head - Cross-Recessed with Internal Tooth (#8-32 x 3/4")				

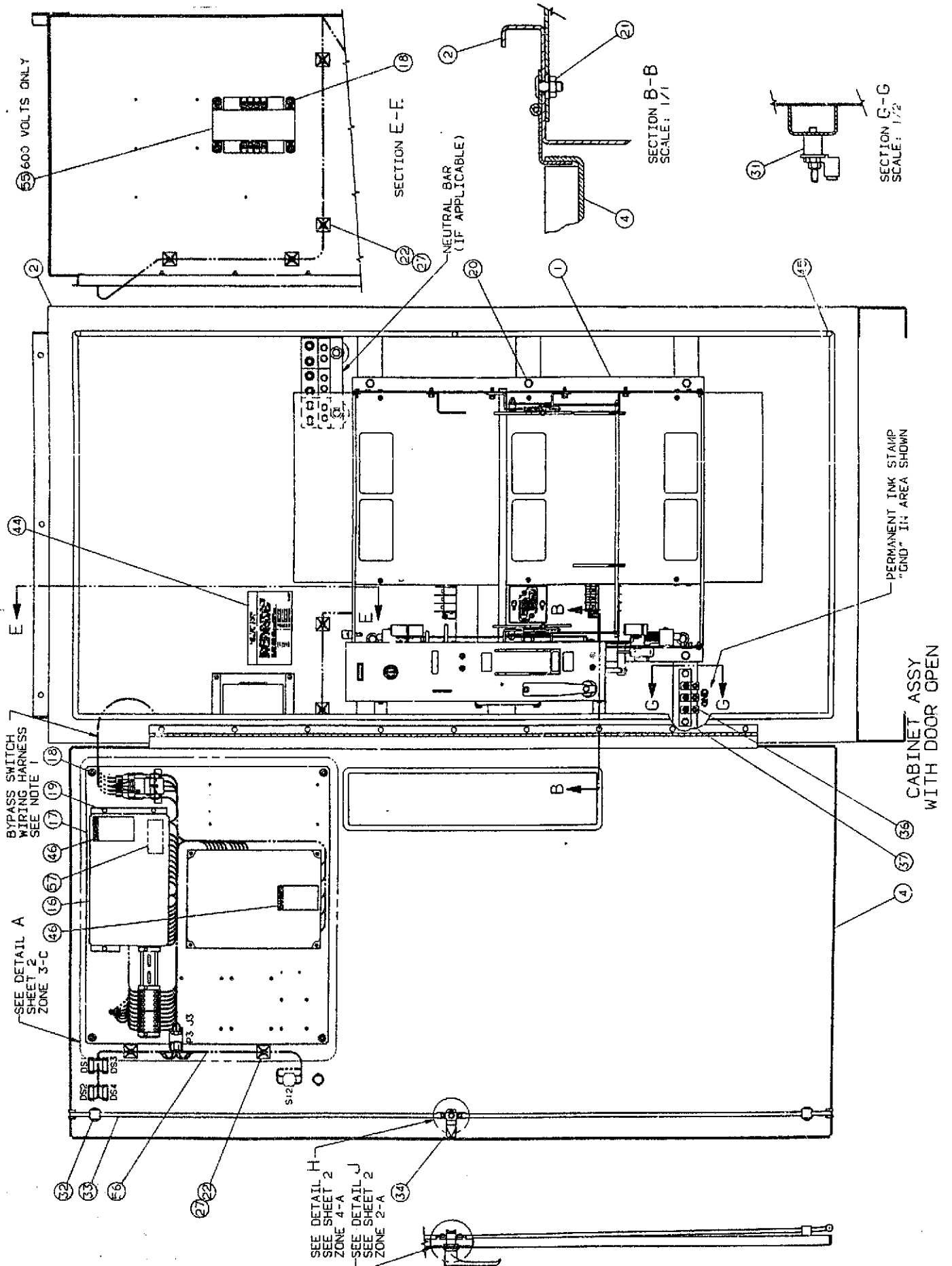
Bypass Operator Assembly



Bypass Operator Assembly

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	306-3934	1	Cover	17	306-3930	1	Spring, Plunger
2	306-3929	2	Bracket, Actuator	18	516-0151	2	Pin, Roll - Solenoid
3	306-3646	1	Bracket, Support	19	516-0037	2	Pin, Cotter (1/16")
4	306-3651	2	Bushing	20	815-0285	8	Screw, Round Head - External Tooth (#8-32 x 5/16")
5	306-3652	1	Arm, Pivot - Right Hand	21	98-6349	1	Decal
6	306-3653	1	Arm, Pivot - Left Hand	22	815-0029	6	Screw, Flat Head - Cross- Recessed (#10-32 x 1/2")
7	306-3726	2	Spring, Solenoid	23	815-0652	12	Screw, Hex Head - Slotted (#10-32 x 1/2")
8	306-3741	2	Bracket, Solenoid	24	855-0008	6	Washer, Lock - External Tooth (#10)
9	306-3751	1	Handle, Actuator	25	98-6350	2	Decal, Open
10	306-3754	2	Plate, Ind	26	98-6351	2	Decal, Closed
11	516-0237	2	Pin, Clevis - Plunger	27	526-0016	1	Washer, Flat (1/4")
12	306-3926	1	Bracket	28	306-3833	2	Bracket, Solenoid
13	307-2712	2	Solenoid				
14	518-0115	6	Ring				
15	306-3921	1	Plunger				
16	306-3920	1	Link, Plunger				

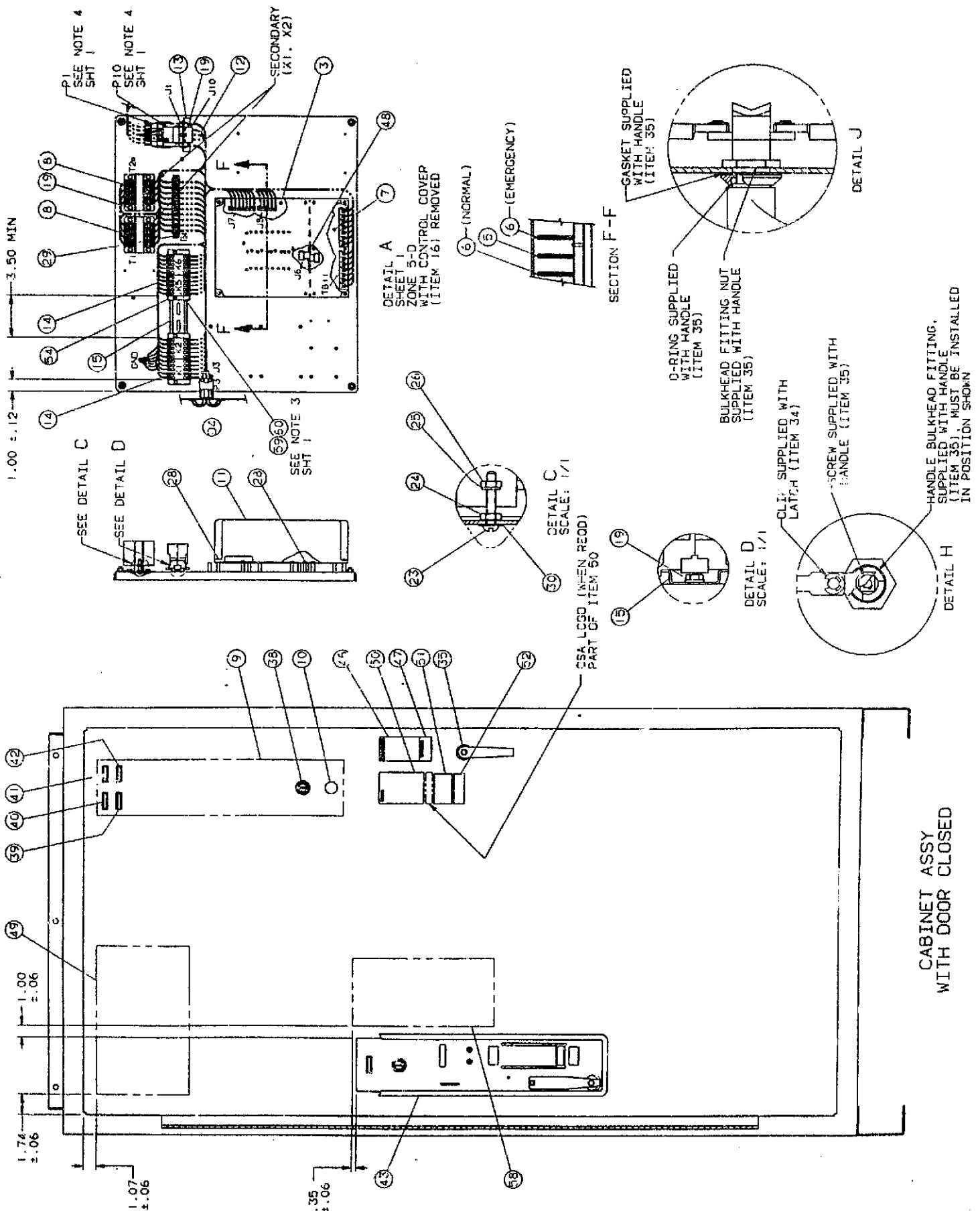
Control Cabinet Assembly



Control Cabinet Assembly

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Frame Assembly, Bypass (See Separate Page For Components)	20	821-0028	6	Screw, Locking (3/8-16 x 1/2)
	306-3708-01	1	3 Pole	21	870-0240	9	Nut, Self-Locking (#10-32)
	306-3708-02	1	4 Pole	22	332-2420	8	Mount, Tie - Cable
2	319-1162	1	Box, Control	23	810-0085	1	Screw, Machine - Round Head (Brass) (#8-32 x 1/8")
3			Board, Circuit - Printed (Mother)	24	870-0221	1	Nut, Lock - External Tooth (#8-32)
			Utility to GenSet	25	526-0048	1	Washer, Flat (#8)
	300-3090	1	Standard	26	860-0008	1	Nut, Hex (#8-32)
	300-3260	1	Extended Time Delay	27	332-0941	9	Tie, Cable
	300-3267	1	Utility to Utility	28	815-0544	12	Screw, Round Head - Cross-Recessed with Internal Tooth (#6-32 x 1/2")
4			Door, Box - Control	29	815-0447	2	Screw, Round Head - Cross-Recessed with Internal Tooth (Self-Tapping) (#8-32 x 3/4)
	319-1163-01	1	Full Meters	30	856-0002	1	Washer, Lock - External/Internal Tooth (#8)
	319-1163-02	1	No Meters	31	332-1348	2	Spacer, Bar - Neutral
5			Board, Circuit - Printed (Time Delay) (J2)	32	306-3467	2	Guide, Rod
	300-3094	1	Standard	33	306-3526-05	2	Roller, Rod
	300-3261	1	Extended Time Delay	34	306-3525	1	Latch, Cam - 3 Point
6			Board, Circuit - Printed (Voltage Sensor) (J1, J3)	35	406-0613	1	Handle, Keyed
	300-3121	1	Under voltage	36	332-2915	1	Strap, Ground
			Over/Under voltage & Over/Under frequency	37	815-0567	2	Screw, Hex Head - Self-Tapping (5/16-18 x 1-1/4")
	300-3093-01	1	60 Hertz	38			Switch, Selector
	300-3093-02	1	50 Hertz		308-0960	1	Utility to GenSet
7			Board, Circuit - Printed (Transformer)		308-0955	1	Utility to Utility
	300-3092	1	208, 220, 240, 380, 416, 480 VAC	39	322-0387-02	1	Light, Indicating - White
	300-3118	1	600 VAC	40	322-0170	1	Light, Indicating - Green
8			Transformer, Power (T1, T2)	41	322-0137	1	Light, Indicating - Red
	315-0693-02	2	208, 220, 240, 480 VAC to 24VDC	42	322-0168	1	Light, Indicating - Amber
	315-0693-03	2	380, 416 VAC to 24 VDC	43	508-1067-01	1	Edging
	315-0693-04	2	600 VAC to 24 VDC	44	98-6367	1	Label, Torque
9			Decal, Door	45	508-0231	3	Bumper
			Without Meters	46	98-5387	3	Label, Danger
	98-6368	1	Utility to GenSet	47	98-5777-01	1	Label, Warning
	98-6380	1	Utility to Utility	48	323-1387	1	Pin Assembly, Ribbon
			With Meters	49	98-6384	1	Decal, Switch - BT
	98-6369	1	Utility to GenSet	51	98-4817	1	Decal, UL
	98-6379	1	Utility to Utility	52	98-6118	1	Decal, Cabinet - NEMA 1
10	517-0137	1	Plug, Hole	54	332-2878	4	Bracket, End - Terminal
11	306-3430	1	Cover, Sentry - Power	55	315-0661	1	Transformer, Power - 600 VAC to 208 VAC
12	338-2648	1	Harness, Wiring - Cabinet	56	338-2755	1	Harness, Wiring - Lamp/Switch
13	306-3654	1	Bracket, Plug - Control	57	98-6481	1	Decal, Plug - Disconnect
14	307-2597	2	Contactor, Interlocking	58	98-6058	1	Decal, Instruction - Operation
15	332-3087	1	Rail, Terminal	59	532-0400	1	Marker, Numbers
16	306-3661	1	Cover, Control	60	532-0374	1	Marker, Letters
17	319-1154	1	Panel, Control	61	98-5661	1	Decal, Cover - Power Sentry
18	870-0212	8	Nut, Self-Locking (1/4-20)	62	98-5766	1	Decal, Switch
19	815-0652	15	Screw, Hex Head - Self-Tapping (#10-32 x 1/2")				

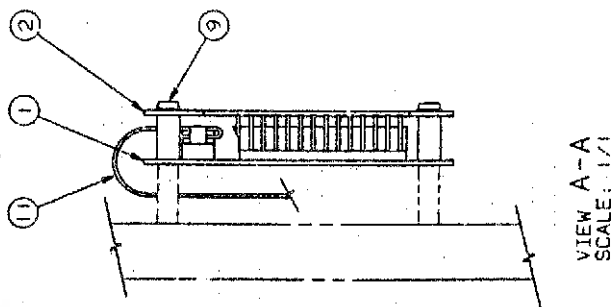
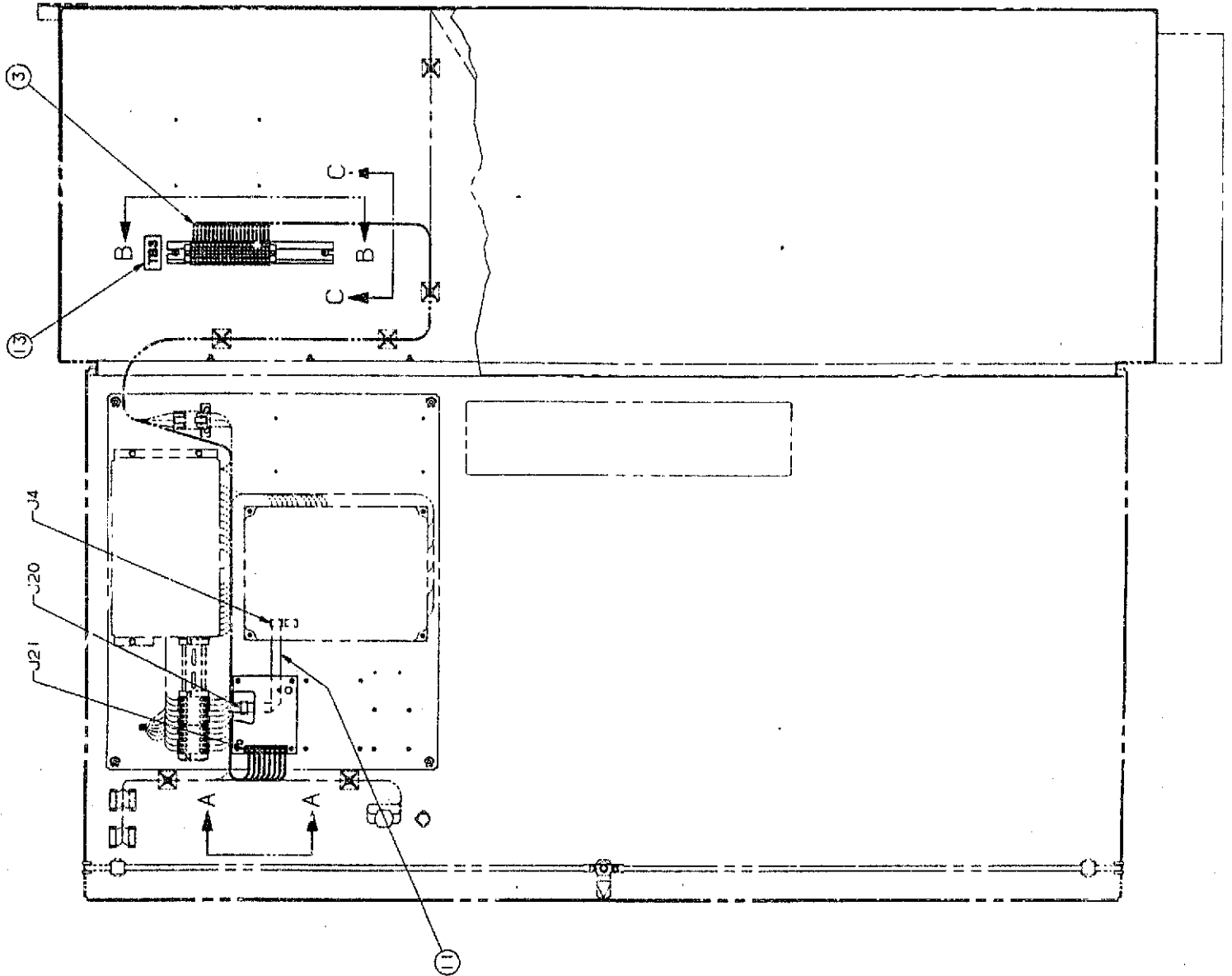
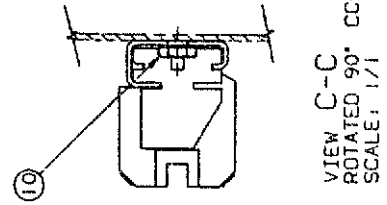
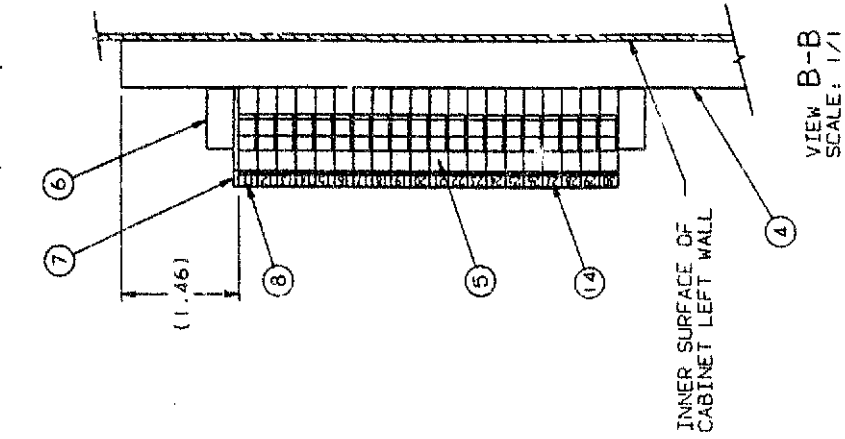
Control Cabinet Assembly



Control Cabinet Assembly

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1			Frame Assembly, Bypass (See Separate Page For Components)	20	821-0028	6	Screw, Locking (3/8-16 x 1/2)
	306-3708-01	1	3 Pole	21	870-0240	9	Nut, Self-Locking (#10-32)
	306-3708-02	1	4 Pole	22	332-2420	8	Mount, Tie - Cable
2	319-1162	1	Box, Control	23	810-0085	1	Screw, Machine - Round Head (Brass) (#8-32 x 1/8")
3			Board, Circuit - Printed (Mother)	24	870-0221	1	Nut, Lock - External Tooth (#8-32)
			Utility to GenSet	25	526-0048	1	Washer, Flat (#8)
	300-3090	1	Standard	26	860-0008	1	Nut, Hex (#8-32)
	300-3260	1	Extended Time Delay	27	332-0941	9	Tie, Cable
	300-3267	1	Utility to Utility	28	815-0544	12	Screw, Round Head - Cross-Recessed with Internal Tooth (#6-32 x 1/2")
4			Door, Box - Control	29	815-0447	2	Screw, Round Head - Cross-Recessed with Internal Tooth (Self-Tapping) (#8-32 x 3/4)
	319-1163-01	1	Full Meters	30	856-0002	1	Washer, Lock - External/Internal Tooth (#8)
	319-1163-02	1	No Meters	31	332-1348	2	Spacer, Bar - Neutral
5			Board, Circuit - Printed (Time Delay) (J2)	32	306-3467	2	Guide, Rod
	300-3094	1	Standard	33	306-3526-05	2	Roller, Rod
	300-3261	1	Extended Time Delay	34	306-3525	1	Latch, Cam - 3 Point
6			Board, Circuit - Printed (Voltage Sensor) (J1, J3)	35	406-0613	1	Handle, Keyed
	300-3121	1	Under voltage	36	332-2915	1	Strap, Ground
			Over/Under voltage & Over/Under frequency	37	815-0567	2	Screw, Hex Head - Self-Tapping (5/16-18 x 1-1/4")
	300-3093-01	1	60 Hertz	38			Switch, Selector
	300-3093-02	1	50 Hertz		308-0960	1	Utility to GenSet
7			Board, Circuit - Printed (Transformer)		308-0955	1	Utility to Utility
	300-3092	1	208, 220, 240, 380, 416, 480 VAC	39	322-0387-02	1	Light, Indicating - White
	300-3118	1	600 VAC	40	322-0170	1	Light, Indicating - Green
8			Transformer, Power (T1, T2)	41	322-0137	1	Light, Indicating - Red
	315-0693-02	2	208, 220, 240, 480 VAC to 24VDC	42	322-0168	1	Light, Indicating - Amber
	315-0693-03	2	380, 416 VAC to 24 VDC	43	508-1067-01	1	Edging
	315-0693-04	2	600 VAC to 24 VDC	44	98-6367	1	Label, Torque
9			Decal, Door	45	508-0231	3	Bumper
			Without Meters	46	98-5387	3	Label, Danger
	98-6368	1	Utility to GenSet	47	98-5777-01	1	Label, Warning
	98-6380	1	Utility to Utility	48	323-1387	1	Pin Assembly, Ribbon
			With Meters	49	98-6384	1	Decal, Switch - BT
	98-6369	1	Utility to GenSet	51	98-4817	1	Decal, UL
	98-6379	1	Utility to Utility	52	98-6118	1	Decal, Cabinet - NEMA 1
10	517-0137	1	Plug, Hole	54	332-2878	4	Bracket, End - Terminal
11	306-3430	1	Cover, Sentry - Power	55	315-0661	1	Transformer, Power - 600 VAC to 208 VAC
12	338-2648	1	Harness, Wiring - Cabinet	56	338-2755	1	Harness, Wiring - Lamp/Switch
13	306-3654	1	Bracket, Plug - Control	57	98-6481	1	Decal, Plug - Disconnect
14	307-2597	2	Contactor, Interlocking	58	98-6058	1	Decal, Instruction - Operation
15	332-3087	1	Rail, Terminal	59	532-0400	1	Marker, Numbers
16	306-3661	1	Cover, Control	60	532-0374	1	Marker, Letters
17	319-1154	1	Panel, Control	61	98-5661	1	Decal, Cover - Power Sentry
18	870-0212	8	Nut, Self-Locking (1/4-20)	62	98-5766	1	Decal, Switch
19	815-0652	15	Screw, Hex Head - Self-Tapping (#10-32 x 1/2")				

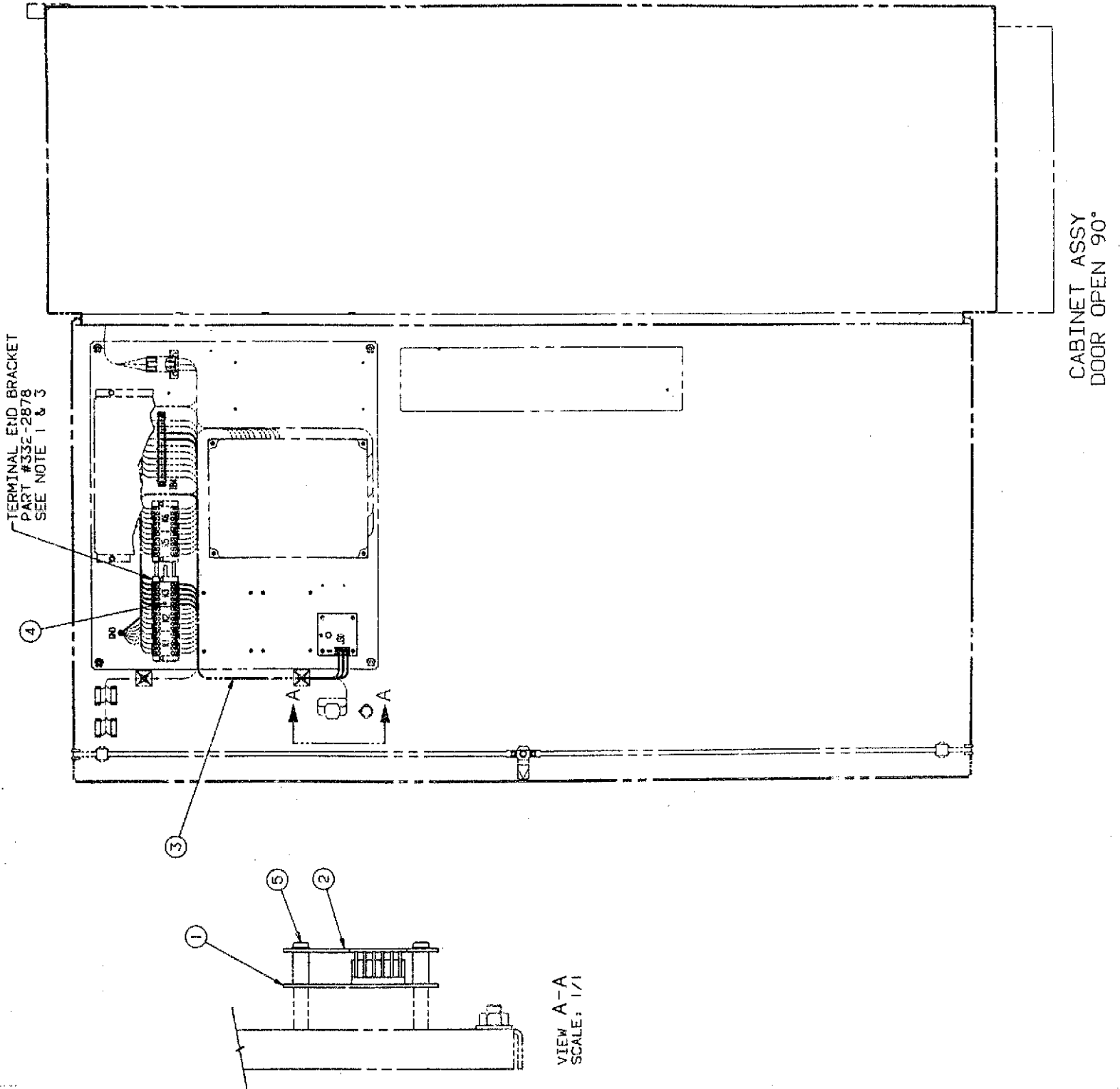
Signal Module Assembly



Signal Module Assembly

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	300-3096	1	Board, Circuit - Printed	10	870-0221	2	Nut, Lock - External Tooth (#8-32)
2	301-9931	1	Cover	11	323-1409	1	Pin Assembly, Ribbon
3	338-2689	1	Harness, Wiring	12	332-0941	10	Tie, Cable
4	332-2837-09	1	Rail, Terminal	13	98-5710	1	Label, Block - Terminal
5	332-2836-02	2	Block, Terminal - Sectional	14	332-2842-13	2	Tag, Block - Terminal (21-30)
6	332-2839	2	End-Bracket, Terminal	15	98-5691	1	Decal, Module - Signal
7	332-2841	1	End-Plate, Terminal				
8	332-2842-12	2	Tag, Terminal - 11-20				
9	815-0680	4	Screw, Pan Head - Cross- Recessed with External Tooth (#6-32 x 1")				

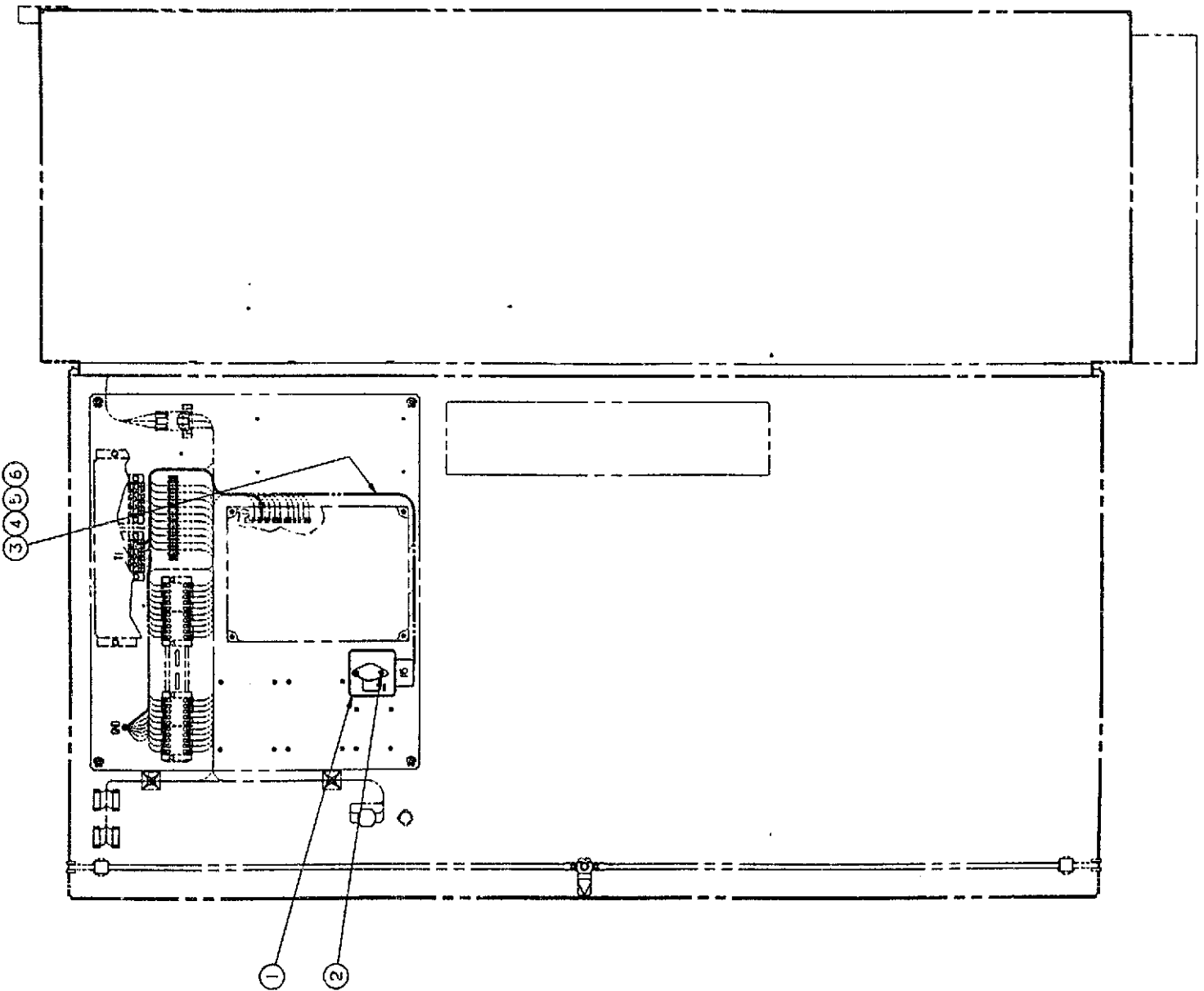
Program Transition Assembly



Program Transition Assembly

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	300-3115-01		Board, Circuit - Printed	6	332-0941	10	Tie, Cable
	300-3115-02		7.5 Seconds	7			Decal
2	302-9927	1	60.0 Seconds		98-5689	1	7.5 Seconds
3	338-2691	1	Cover		98-5700	1	60 Seconds
4	307-2583	1	Harness, Wiring				
5	815-0680	4	Relay, Control (24VDC)				
			Screw, Pan Head - Cross-				
			Recessed with External Tooth				
			(#6-32 x 1")				

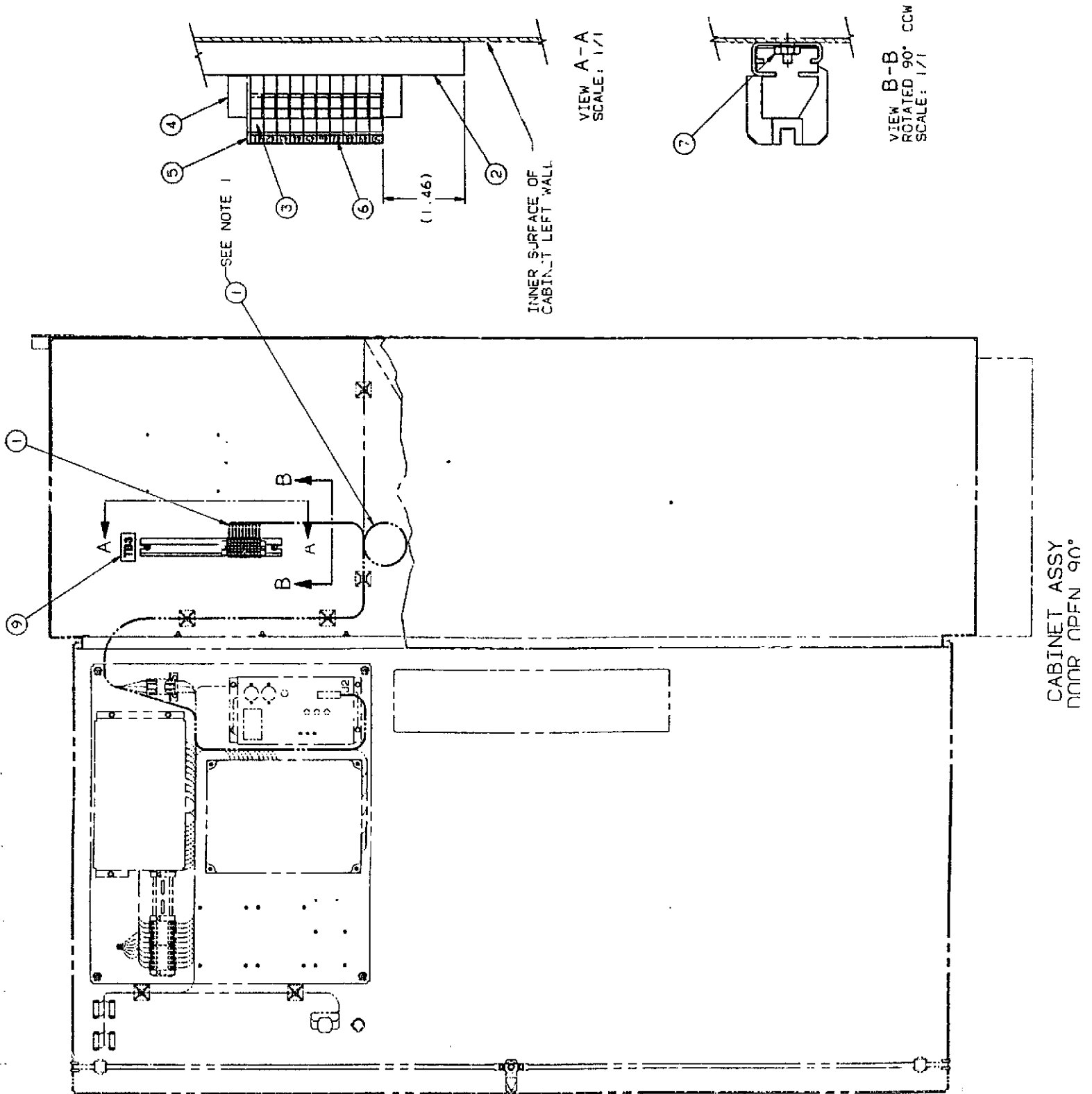
Exerciser Clock Assembly



Exerciser Clock Assembly

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	307-2577	1	Clock, Exerciser (24 VAC)	4	226-3568-06	1	Lead, Clock
2	815-0504		Screw, Hex Washer Head - Self Tapping (#6-32 x 3/8")	5	226-3568-07	1	Lead, Clock
3	226-3568-03	1	Lead, Clock	6	225-3568-08	1	Lead, Clock
				7	332-0941	10	Tie, Clock

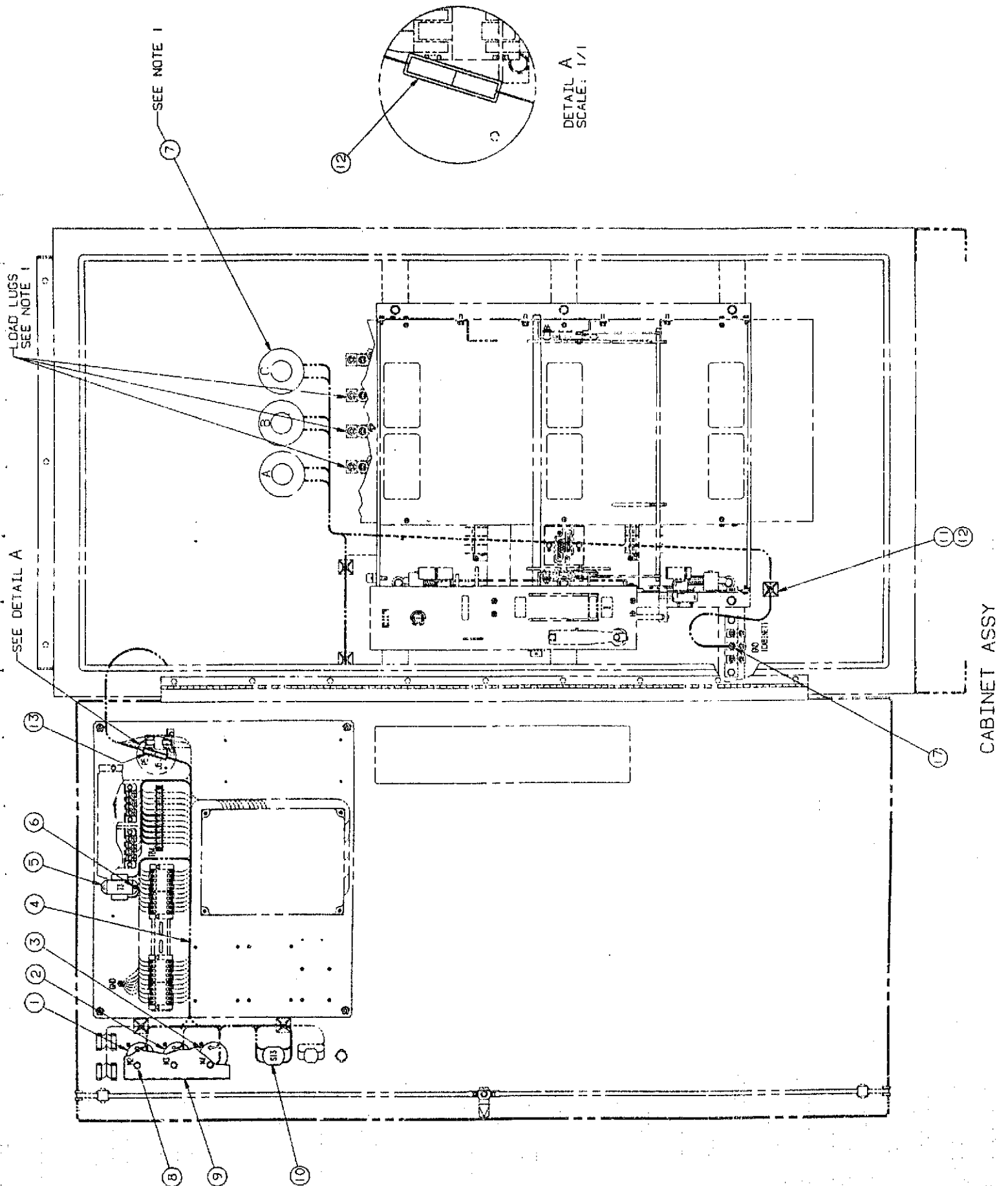
Battery Charge Alarm Harness Assembly



Battery Charge Alarm Harness Assembly

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	338-2350	1	Harness, Wiring	6	332-2842-15	2	Tag, Terminal - 41-50
2	332-2837-09	1	Rail, Terminal	7	870-0221	2	Nut, Lock - External Tooth
3	332-2836-02	1	Block, Terminal - Sectional	8	332-0941	10	Tie, Cable
4	332-2839	2	End-Bracket, Terminal	9	98-5710	1	Label, Block - Terminal
5	332-2841	1	End-Plate, Terminal				

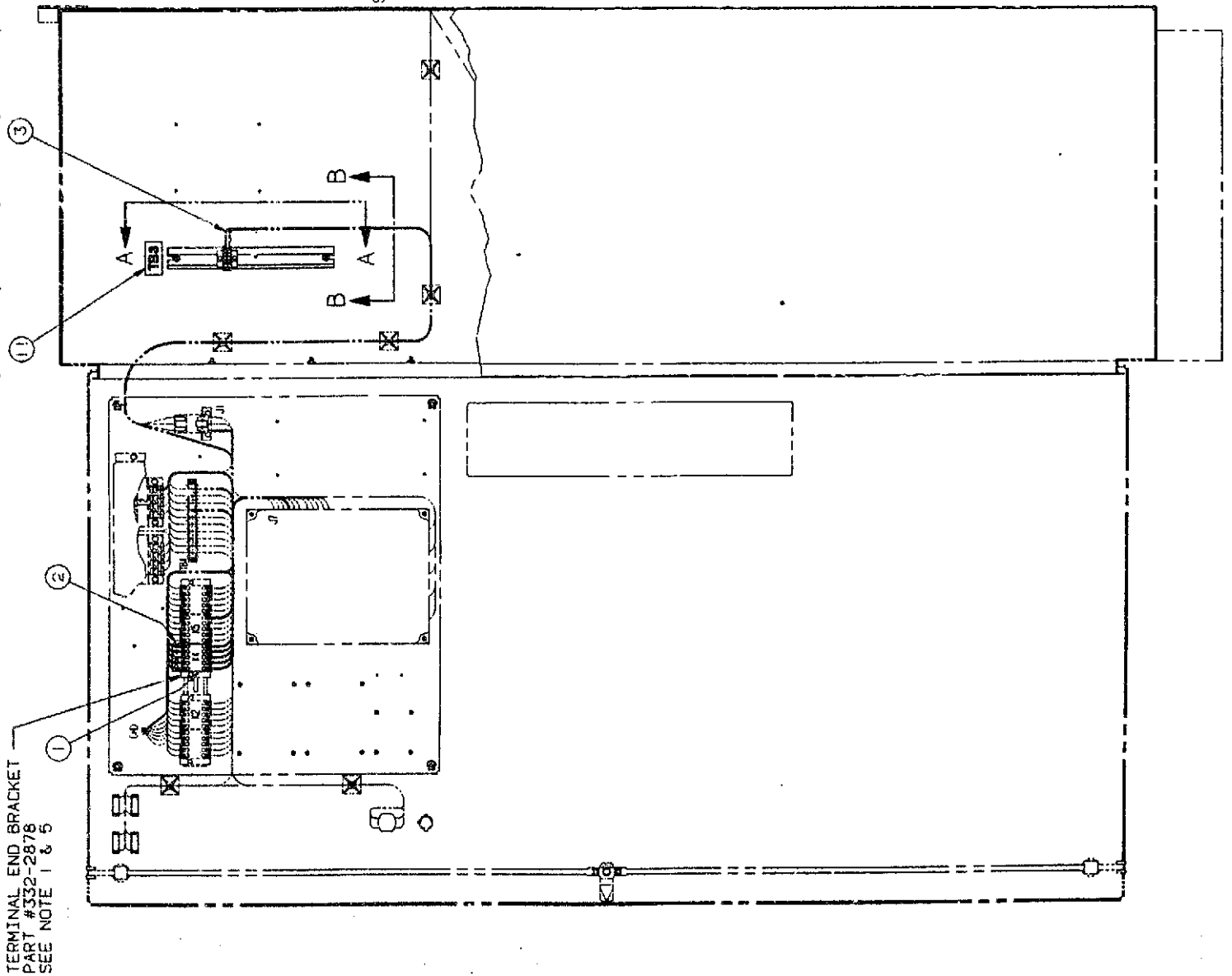
Meter Assembly



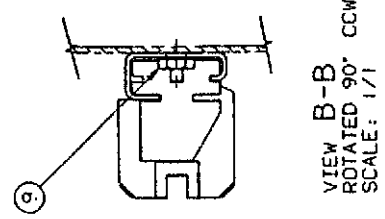
Meter Assembly

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	302-1175	1	Meter, Volt - AC	8	870-0439	6	Nut, Nylon
	302-1711	1	208, 220, 240 Volt	9	306-3464	1	Shield, Meter
	302-1710	1	380, 416, 480 Volt	10	308-0904	1	Switch, Rotary - Volt/Amp
			600 Volt	11	332-2420	1	Mount, Tie - Cable
2			Meter, Ampere	12	332-0941	20	Tie, Cable
	302-1808-01	1	150 Amp	13	323-1333	1	Cap, Connector
	302-1761	1	225 Amp	14	332-0897	4	Terminal
	302-1805-03	1	260 Amp	15	323-1200	1	Socket, Contact
3	302-1720	1	Meter, Frequency	17	870-0232	1	Nut, Lock - External Tooth
4		1	Harness, Wiring				(1/4-20)
	338-2704	1	380, 416, 480, 600 Volt				
	338-2703	1	208, 220, 240 Volt				
5	315-0377	1	Transformer, Stepdown - 380,				
			416, 480, 600 Volt Units Only				
6	815-0403	2	Screw, Pan Head - Self-Tapping				
			(#8-32 x .31") 380, 416,				
			480, 600 Volt Units Only				
7			Transformer, Current				
			150 Amp				
	302-1811	2	1 Phase				
	302-1811	3	3 Phase				
			225 Amp				
	302-0209	2	1 Phase				
	302-0209	3	3 Phase				
			260 Amp				
	302-1393	2	1 Phase				
	302-1393	3	3 Phase				

Load Shed Assembly



VIEW A-A
SCALE: 1/1

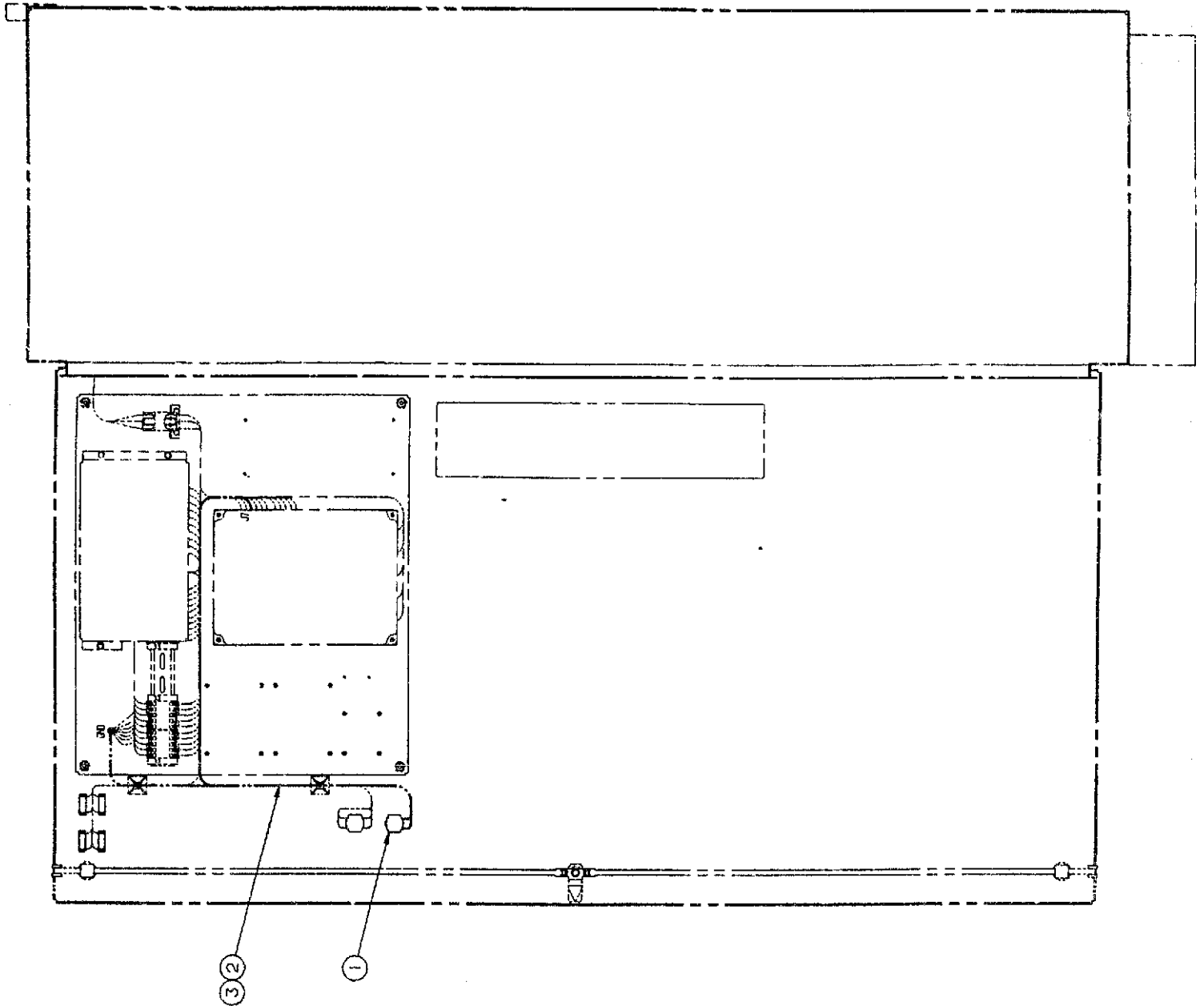


CABINET ASSY

Load Shed Assembly

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	307-2648	1	Relay, Control	7	332-2841	1	End-Plate, Terminal
2	307-2600-02	1	Block, Auxiliary	8	332-2842-31	4	Tag, Terminal - Blank
3	338-2705	1	Harness, Wiring	9	870-0221	2	Nut, Lock - External Tooth (#8-32)
4	332-2837-09	1	Rail, Terminal	10	332-0941	10	Tie, Cable
5	332-2836-01	2	Block, Terminal - Sectional	11	98-5710	1	Label, Block - Terminal
6	332-2839	2	End-Bracket, Terminal				

Automatic/Manual Selector Switch Assembly

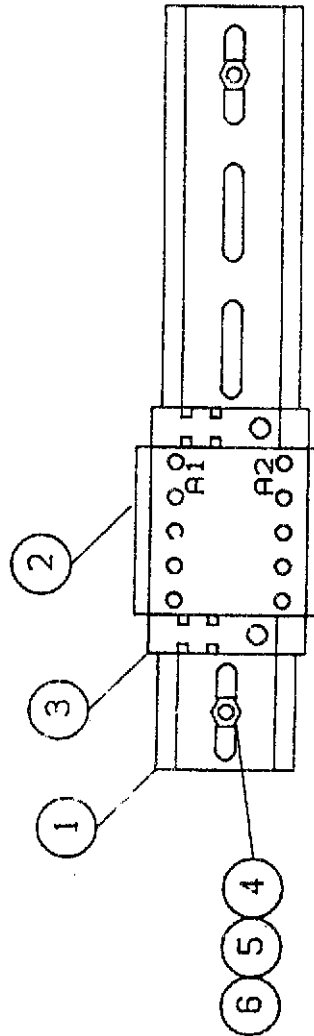


Automatic/Manual Selector Switch Assembly

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	308-0955	1	Switch, Selector - Key Oper	3	226-3569-04	1	Lead
	308-	1	Key, Switch - Selector	4	332-0941	10	Tie, Cable
2	226-3569-03	1	Lead				

Auxilliary Relay Assembly

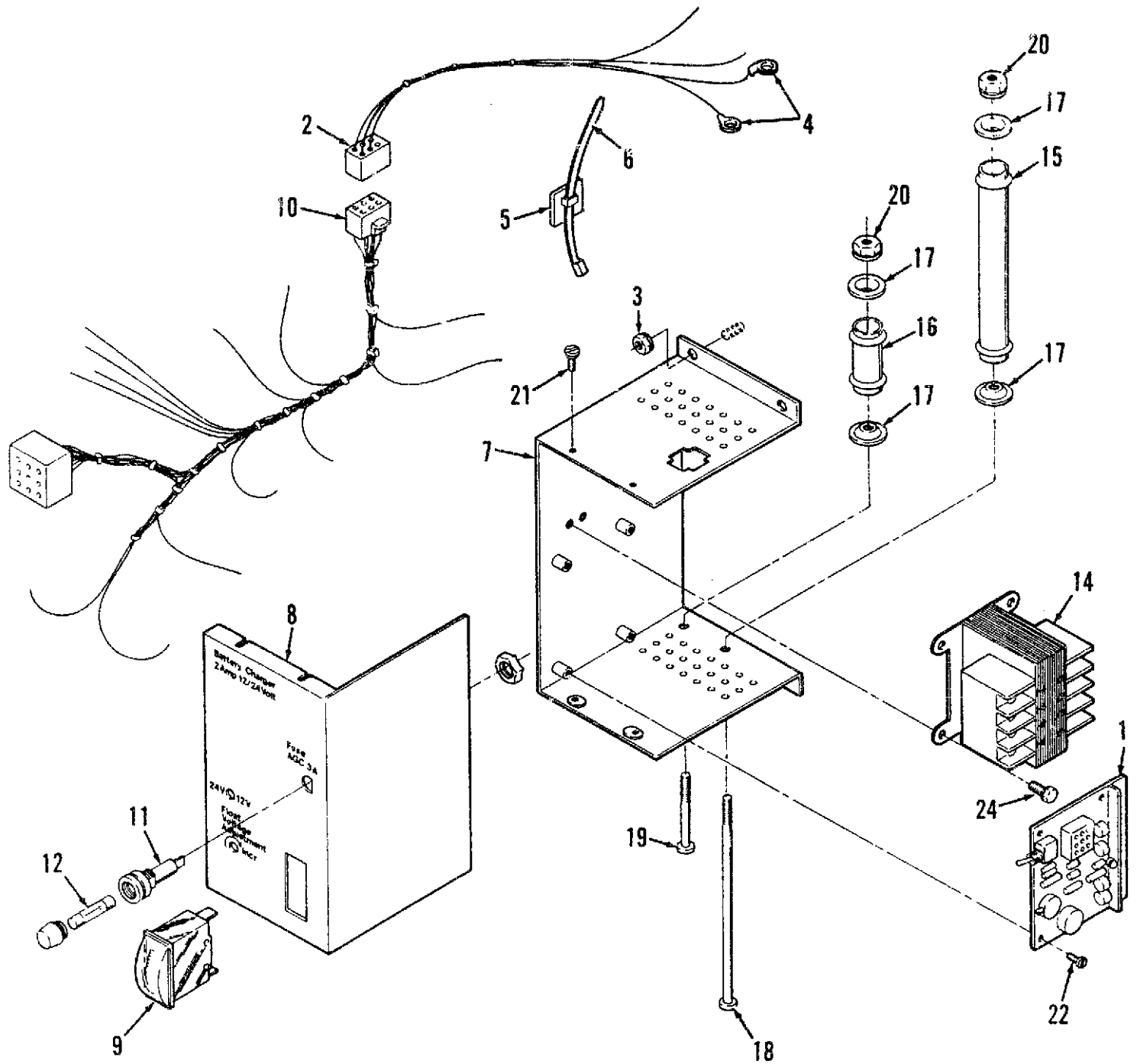
RELAY INSTALLATION
LEFT SIDE OF CABINET



Auxiliary Relay Assembly

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	332-2879-02	1	Rail, Terminal	4	860-0008	2	Nut, Hex (#8-32)
2			Relay, Control	5	853-0005	2	Washer, Lock - External Tooth (#8)
	307-2582	1	12 VDC	6	526-0003	2	Washer, Flat (#8)
	307-2583	1	24 VDC	8	332-2230	1	Terminal, Tap - Plier
	307-2578	1	24 VAC	9	332-0802	1	Terminal, Ring
3	332-2878	2	End-Bracket				

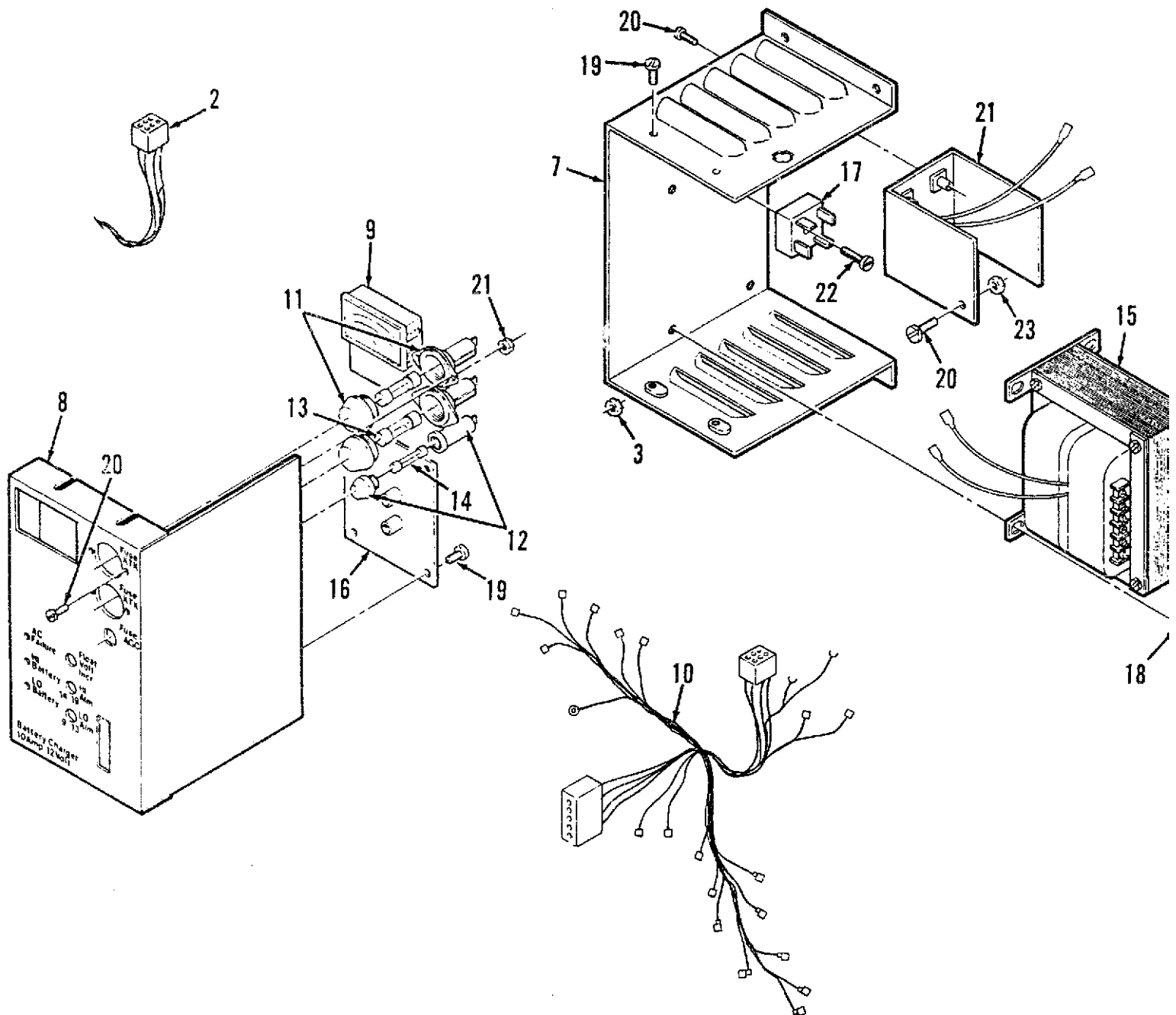
Battery Charger (2 Amp)



Battery Charger (2 Amp)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
2	338-2161	1	Harness, Wiring - Battery Charger	15	304-0037	1	Resistor, Fixed
3	870-0131	4	Nut, Lock - W/ET Washer (#10 - 32)	16	304-0139	1	Resistor, Fixed
4	332-2777	2	Terminal, Spade	17	304-0015	4	Washer, Centering
5	332-2420	8	Mount, Tie - Cable	18	813-0116	1	Screw, Round Head (#10 - 32 6 1/2")
6	332-0942	20	Tie, Cable	19	813-0112	1	Screw, Round Head (#10 - 32 2 1/2")
7	301-9990	1	Wrapper, Charger - Battery	20	870-0131	2	Nut, Lock - W/ET Washer (#10 - 32)
8	301-9992	1	Cover, Charger - Battery (Includes Decal)	21	815-0550	4	Screw, Pan Head - W/ET Washn (#6 - 32 x 3/8")
	98-5708	1	Decal	22	815-0549	4	Screw, Pan Head - W/ET Washn (#6 - 32 x 1/4")
9	302-0807	1	Meter, Ampere - DC	24	821-0040	4	Screw, Lock (#10 - 32 x 5/16)
10	338-2149	1	Harness, Wiring - Battery Charger				
11	321-0175	1	Holder, Fuse				
12	321-0153	1	Fuse, 3 Amp				
13	300-2946	1	Board, Printed Circuit - Battery Charger				
	308-0816	1	Switch, Toggle - 3 PDT				
14			Transformer (Primary Voltage) 60 Hertz				
	315-0621-01	1	120 Volt				
	315-0621-02	1	208 Volt				
	315-0621-02	1	240 Volt				
	315-0621-03	1	380 Volt				
	315-0621-02	1	480 Volt				
	315-0621-04	1	600 Volt				
			50 Hertz				
	315-0621-02	1	200 Volt				
	315-0621-02	1	208 Volt				
	315-0621-02	1	220 Volt				
	315-0621-03	1	380 Volt				
	315-0621-03	1	416 Volt				

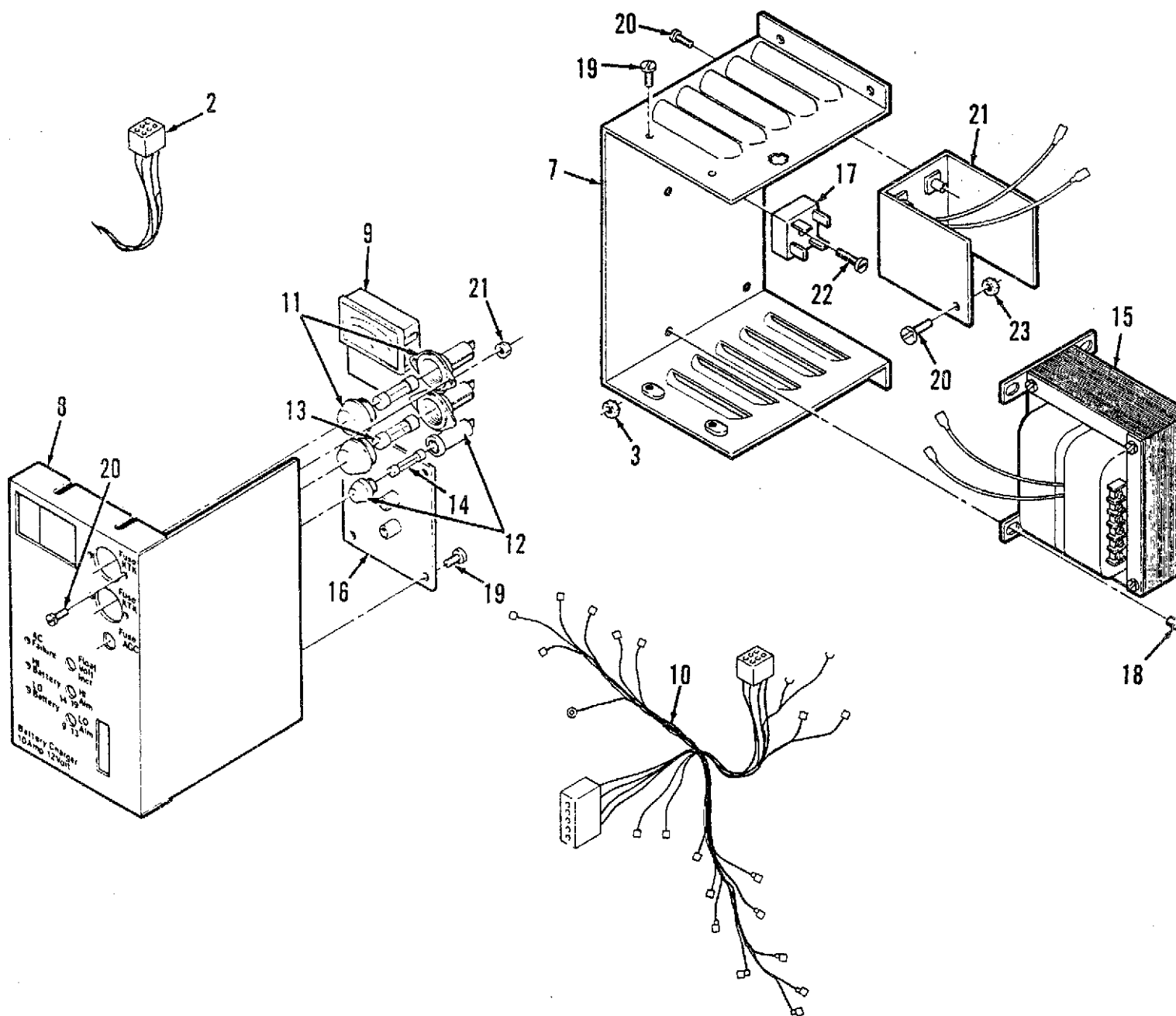
Battery Charger (10 Amp) (12 Volt)



Battery Charger (10 Amp) (24 Volt)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	98-4339	1	Label, Option	15			Transformer (Primary Voltage 60 Hertz
2	338-2161	1	Harness, Wiring - Battery Charger		315-0666	1	120 Volt
3	870-0131	4	Nut, Lock - W/ET Washer (#10 - 32)		315-0666	1	208 Volt
4	332-2777	2	Terminal, Spade		315-0666	1	240 Volt
5	332-2420	8	Mount, Tie - Cable		315-0672	1	380 Volt
6	332-0942	20	Tie, Cable		315-0674	1	480 Volt
7	319-0072	1	Wrapper, Charger - Battery		315-0676	1	600 Volt
8	319-0073	1	Cover, Charger - Battery Decal				50 Hertz
	98-5914	1	5.0 Amp		315-0668	1	200 Volt
	98-5915	1	4.5 Amp		315-0670	1	220 Volt
	98-5916	1	2.5 Amp		315-0678	1	240 Volt
	98-5997	1	2.0 Amp		315-0680	1	347 Volt
	98-5998	1	1.5 Amp		315-0668	1	380 Volt
9	302-1844	1	Meter, Ampere - DC		315-0668	1	400 Volt
10	338-2223	1	Harness, Wiring - Battery Charger		315-0670	1	416 Volt
11	321-0237	2	Holder, Fuse (AC Input)	16	300-3244	1	440 Volt
12	321-0104	1	Holder, Fuse (DC Output)	17	305-0653	1	Board, Printed Circuit - Battery Charger
13			Fuse	18	821-0040	4	Rectifier, Bridge
	321-0304-02	2	1.5 Amp	19	815-0550	8	Screw, Lock (#10 - 32 x 5/16
	321-0304-03	2	2.0 Amp				Screw, Pan Head - W/ET Washer
	321-0304-04	2	2.5 Amp				(#6 - 32 x 3/8")
	321-0304-05	2	4.5 Amp	20	822-2048	5	Screw, Pan Head (#8 - 32 x 1/2")
	321-0304-06	2	5.0 Amp	21	305-0781	1	Rectifier, SCR
14	321-0146	1	Fuse, 15 Amp	22	822-2050	1	Screw, Pan Head - W/ET Washer
							(#8 - 32 x 3/4")
				23	870-0221	5	Nut, Lock - W/ET Washer
							(#8 - 32)
				24	C-0308	1	Instruction Sheet

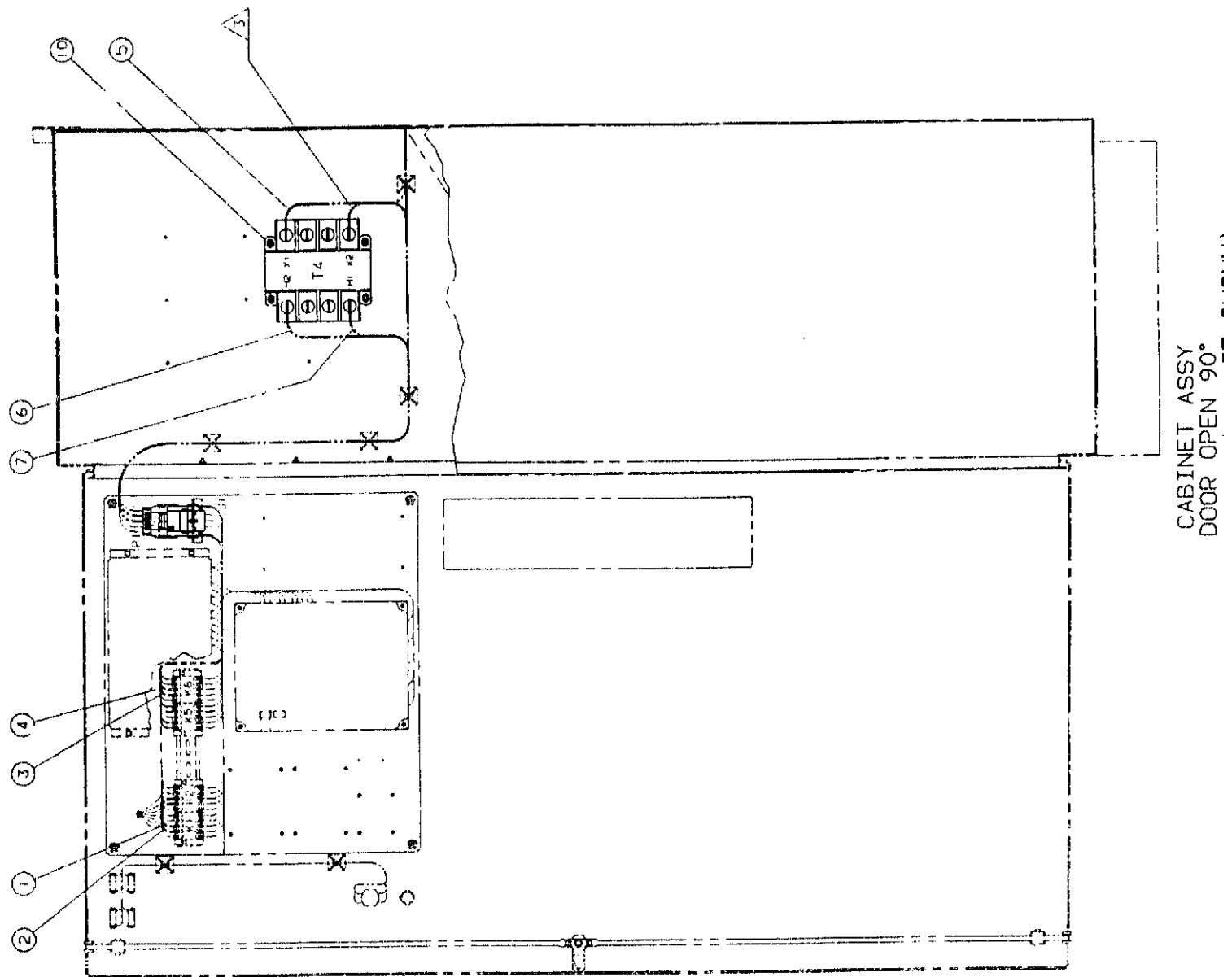
Battery Charger (10 Amp) (24 Volt)



Battery Charger (10 Amp) (12 Volt)

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	98-4339	1	Label, Option	14	321-0146	1	Fuse, 15 Amp
2	338-2161	1	Harness, Wiring - Battery Charger	15			Transformer (Primary Voltage) 60 Hertz
3	870-0131	4	Nut, Lock - W/ET Washer (#10 - 32)		315-0665	1	120 Volt
4	332-2777	2	Terminal, Spade		315-0665	1	208 Volt
5	332-2420	8	Mount, Tie - Cable		315-0665	1	240 Volt
6	332-0942	20	Tie, Cable		315-0671	1	380 Volt
7	319-0072	1	Wrapper, Charger - Battery		315-0673	1	480 Volt
8	319-0073	1	Cover, Charger - Battery		315-0675	1	600 Volt
			Decal				50 Hertz
			500 Volt		315-0667	1	200 Volt
	98-5807	1	4.5 Amp		315-0669	1	220 Volt
	98-5808	1	2.5 Amp		315-0677	1	240 Volt
	98-5809	1	2.0 Amp		315-0679	1	347 Volt
	98-5995	1	1.5 Amp		315-0667	1	380 Volt
	98-5996	1	1.0 Amp		315-0667	1	400 Volt
			600 Volt		315-0669	1	416 Volt
	98-6039	1	1.0 Amp		315-0669	1	440 Volt
9	302-1844	1	Meter, Ampere - DC	16	300-3160	1	Board, Printed Circuit - Battery Charger
10	338-2223	1	Harness, Wiring - Battery Charger	17	305-0653	1	Rectifier, Bridge
11	321-0237	2	Holder, Fuse (AC Input)	18	821-0040	4	Screw, Lock (#10 - 32 x 5/16)
12	321-0104	1	Holder, Fuse (DC Output)	19	815-0550	8	Screw, Pan Head - W/ET Washer (#6 - 32 x 3/8")
13			Fuse	20	822-2048	5	Screw, Pan Head (#8 - 32 x 1/2")
			500 Volt	21	305-0781	1	Rectifier, SCR
	321-0304-01	2	1.0 Amp	22	822-2050	1	Screw, Pan Head - W/ET Washer (#8 - 32 x 3/4")
	321-0304-02	2	1.5 Amp	23	870-0221	5	Nut, Lock - W/ET Washer (#8 - 32)
	321-0304-03	2	2.0 Amp	24	C-0308	1	Instruction Sheet
	321-0304-04	2	2.5 Amp				
	321-0304-05	2	4.5 Amp				
			600 Volt				
	321-0236	2	1.0 Amp				

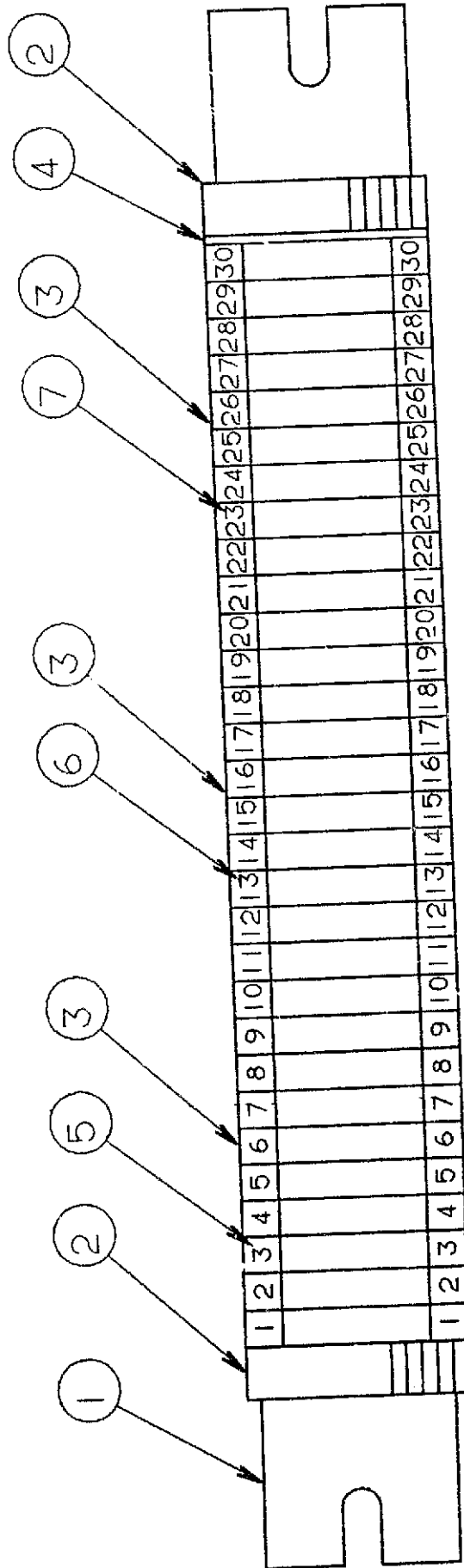
600 Volt Assembly



600 Volt Assembly

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1		1	Lead	6		1	Lead
2		1	Lead	7		1	Lead
3		1	Lead	8	315-0651	1	Transformer, Power (T4)
4		1	Lead	9	332-2823	1	Terminal, Spade (#10)
5		1	Lead	10	870-0212	4	Nut, Lock - Self (1/4 - 20)

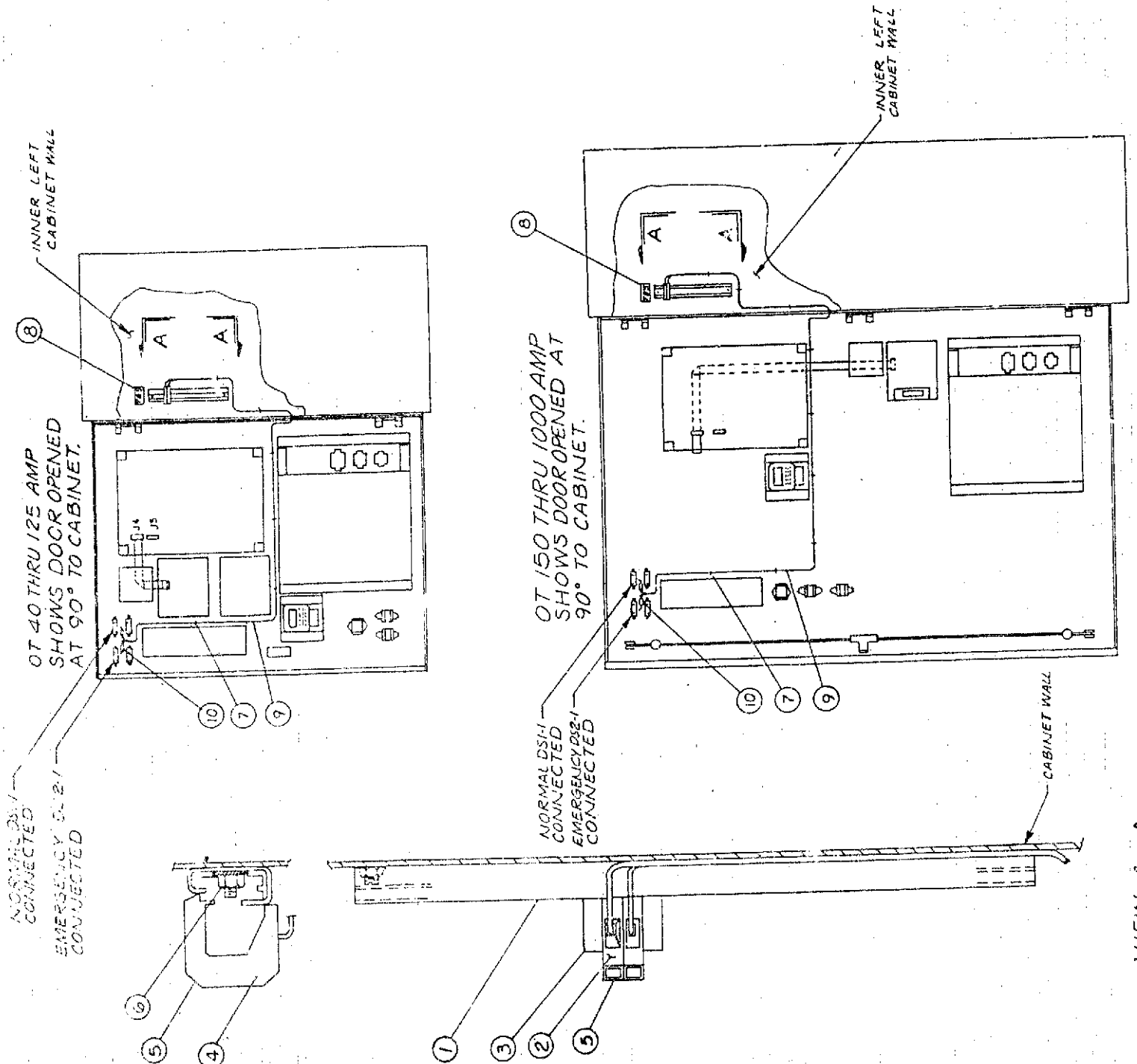
Terminal Block Assembly



Terminal Block Assembly

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	332-2837-09	1	Rail, Terminal	5	332-2842-11	1	Tag, Terminal (1-20)
2	332-2839	2	Bracket, End - Terminal	6	332-2842-12	1	Tag, Terminal (11-20)
3	332-2836-02	3	Block, Terminal - Sectional	7	332-2842-13	1	Tag, Terminal (21-30)
4	332-2841	1	Plate, End - Terminal				

Remote Connection Signal Assembly



VIEW A - A

Remote Connection Signal Assembly

REF NO.	PART NO.	QTY USED	PART DESCRIPTION	REF NO.	PART NO.	QTY USED	PART DESCRIPTION
1	332-2837-09	1	Rail, Terminal	7	332-0942	10	Tie, Cable
2	332-2836-01	2	Block, Terminal	8	98-5710	1	Decal, Block - Terminal
3	332-2839	2	Bracket, End - Terminal	9	334-1841	1	Wire, TEW - 20 GA (20 Feet)
4	332-2841	1	Plate, End - Terminal	10	332-2230	2	Terminal, Tap - Plier
5	332-2842-16	2	Tag, Terminal				
6	870-0221	2	Nut, Lock - External Tooth (#8 - 32)				

Numerical Index

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
C-0308	73	98-6352	29	300-3160	75	306-1396	11
C-0308	75	98-6352	31	300-3244	73	306-1396	13
98-4339	73	98-6366	5	300-3260	51	306-1987	7
98-4339	75	98-6367	51	300-3260	53	306-1987	9
98-4817	51	98-6367	53	300-3261	51	306-1987	11
98-4817	53	98-6368	51	300-3261	53	306-1987	13
98-5387	27	98-6368	53	300-3267	51	306-1987	27
98-5387	29	98-6369	51	300-3267	53	306-1987	29
98-5387	31	98-6369	53	301-9931	55	306-1987	31
98-5387	51	98-6376	27	301-9990	71	306-2301	15
98-5387	53	98-6376	29	301-9992	71	306-2301	17
98-5589	27	98-6376	31	302-0209	63	306-2352	11
98-5589	29	98-6377	27	302-0807	71	306-2352	13
98-5589	31	98-6377	29	302-1175	63	306-2352	15
98-5661	51	98-6377	31	302-1393	63	306-2352	17
98-5661	53	98-6379	51	302-1710	63	306-2352	37
98-5689	57	98-6379	53	302-1711	63	306-2352	39
98-5691	55	98-6380	51	302-1720	63	306-2352	45
98-5700	57	98-6380	53	302-1761	63	306-2352	47
98-5708	71	98-6383	27	302-1805-03	63	306-2976	15
98-5710	55	98-6383	29	302-1808-01	63	306-2976	17
98-5710	61	98-6383	31	302-1811	63	306-3391	19
98-5710	65	98-6384	51	302-1844	73	306-3400-02	5
98-5710	81	98-6384	53	302-1844	75	306-3406	15
98-5766	51	98-6481	51	302-9927	57	306-3407	15
98-5766	53	98-6481	53	304-0015	71	306-3408	17
98-5777-01	51	226-3568-03	59	304-0037	71	306-3409	17
98-5777-01	53	226-3568-06	59	304-0139	71	306-3417	7
98-5807	75	226-3568-07	59	305-0653	27	306-3417	9
98-5808	75	226-3568-08	59	305-0653	29	306-3417	11
98-5809	75	226-3569-03	67	305-0653	31	306-3417	13
98-5914	73	226-3569-04	67	305-0653	73	306-3417	33
98-5915	73	300-2946	71	305-0653	75	306-3417	35
98-5916	73	300-3090	51	305-0781	73	306-3417	37
98-5995	75	300-3090	53	305-0781	75	306-3417	39
98-5996	75	300-3092	51	306-0264	15	306-3417	41
98-5997	73	300-3092	53	306-0264	17	306-3417	43
98-5998	73	300-3093-01	51	306-0264	21	306-3417	45
98-6039	75	300-3093-01	53	306-0268	11	306-3417	47
98-6058	51	300-3093-02	51	306-0268	13	306-3420	19
98-6058	53	300-3093-02	53	306-0268	15	306-3430	51
98-6107	27	300-3094	51	306-0268	17	306-3430	53
98-6107	29	300-3094	53	306-0268	37	306-3464	63
98-6107	31	300-3096	55	306-0268	39	306-3467	51
98-6118	51	300-3115-01	57	306-0268	45	306-3467	53
98-6118	53	300-3115-02	57	306-0268	47	306-3471-03	5
98-6349	49	300-3118	51	306-0273	15	306-3471-05	5
98-6350	49	300-3118	53	306-0273	17	306-3471-06	5
98-6351	49	300-3121	51	306-1396	7	306-3473	5
98-6352	27	300-3121	53	306-1396	9	306-3476-01	7

Numerical Index

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
306-3476-01	9	306-3580-02	39	306-3650	29	306-3681	27
306-3476-01	33	306-3580-02	45	306-3650	31	306-3681	29
306-3476-01	35	306-3580-02	47	306-3651	49	306-3681	31
306-3476-01	41	306-3627	11	306-3652	49	306-3682	27
306-3476-01	43	306-3627	13	306-3653	49	306-3682	29
306-3476-02	7	306-3627	37	306-3654	51	306-3682	31
306-3476-02	9	306-3627	39	306-3654	53	306-3683	27
306-3476-02	33	306-3627	45	306-3656	7	306-3683	29
306-3476-02	35	306-3627	47	306-3656	9	306-3683	31
306-3476-02	41	306-3631	25	306-3656	11	306-3684	27
306-3476-02	43	306-3632	25	306-3656	13	306-3684	29
306-3482	7	306-3633	33	306-3659	7	306-3684	31
306-3482	9	306-3633	35	306-3659	9	306-3685	27
306-3482	11	306-3633	37	306-3659	11	306-3685	29
306-3482	13	306-3633	39	306-3659	13	306-3685	31
306-3482	33	306-3633	41	306-3661	51	306-3686	27
306-3482	35	306-3633	43	306-3661	53	306-3686	29
306-3482	37	306-3633	45	306-3662	27	306-3686	31
306-3482	39	306-3633	47	306-3662	29	306-3687	27
306-3482	41	306-3634	7	306-3662	31	306-3687	29
306-3482	43	306-3634	9	306-3663	33	306-3687	31
306-3482	45	306-3634	11	306-3663	35	306-3688	27
306-3482	47	306-3634	13	306-3663	37	306-3688	29
306-3483	5	306-3634	41	306-3663	39	306-3688	31
306-3525	51	306-3634	43	306-3663	41	306-3689	7
306-3525	53	306-3634	45	306-3663	43	306-3689	9
306-3526-05	51	306-3634	47	306-3663	45	306-3689	11
306-3526-05	53	306-3636	27	306-3663	47	306-3689	13
306-3572	21	306-3636	29	306-3664	27	306-3692	23
306-3576	11	306-3636	31	306-3664	29	306-3693	23
306-3576	13	306-3638	27	306-3664	31	306-3694	23
306-3576	37	306-3638	29	306-3665	27	306-3695	23
306-3576	39	306-3638	31	306-3665	29	306-3696	23
306-3576	45	306-3646	49	306-3665	31	306-3701	7
306-3576	47	306-3648	27	306-3668	27	306-3701	9
306-3578	11	306-3648	29	306-3668	29	306-3701	11
306-3578	13	306-3648	31	306-3668	31	306-3701	13
306-3578	37	306-3649	7	306-3670	7	306-3702	27
306-3578	39	306-3649	9	306-3670	9	306-3702	29
306-3578	45	306-3649	11	306-3670	11	306-3702	31
306-3578	47	306-3649	13	306-3670	13	306-3703	27
306-3580-01	11	306-3649	33	306-3675	27	306-3703	29
306-3580-01	13	306-3649	35	306-3675	29	306-3703	31
306-3580-01	37	306-3649	37	306-3675	31	306-3705	7
306-3580-01	39	306-3649	39	306-3678	27	306-3705	9
306-3580-01	45	306-3649	41	306-3678	29	306-3705	11
306-3580-01	47	306-3649	43	306-3678	31	306-3705	13
306-3580-02	11	306-3649	45	306-3680	27	306-3707	27
306-3580-02	13	306-3649	47	306-3680	29	306-3707	29
306-3580-02	37	306-3650	27	306-3680	31	306-3707	31

Numerical Index

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
306-3708-01	51	306-3723	7	306-3753	35	306-3927	7
306-3708-01	53	306-3723	9	306-3753	37	306-3927	9
306-3708-02	51	306-3723	11	306-3753	39	306-3927	11
306-3708-02	53	306-3723	13	306-3753	41	306-3927	13
306-3709	5	306-3725	27	306-3753	43	306-3929	49
306-3712	33	306-3725	29	306-3753	45	306-3930	49
306-3712	35	306-3725	31	306-3753	47	306-3931	27
306-3712	37	306-3726	49	306-3754	49	306-3931	29
306-3712	39	306-3729	7	306-3761	27	306-3931	31
306-3712	41	306-3729	9	306-3761	29	306-3932	27
306-3712	43	306-3729	11	306-3761	31	306-3932	29
306-3712	45	306-3729	13	306-3769	27	306-3932	31
306-3712	47	306-3729	33	306-3769	29	306-3933	27
306-3713	33	306-3729	35	306-3769	31	306-3933	29
306-3713	35	306-3729	37	306-3776	27	306-3933	31
306-3713	37	306-3729	39	306-3776	29	306-3934	49
306-3713	39	306-3729	41	306-3776	31	306-3936	27
306-3713	41	306-3729	43	306-3778	27	306-3936	29
306-3713	43	306-3729	45	306-3778	29	306-3936	31
306-3713	45	306-3729	47	306-3778	31	306-3965	27
306-3713	47	306-3731	27	306-3783	7	306-3965	29
306-3715	5	306-3731	29	306-3783	9	306-3965	31
306-3716	33	306-3731	31	306-3783	11	307-2577	59
306-3716	35	306-3732	27	306-3783	13	307-2578	69
306-3716	37	306-3732	29	306-3793	5	307-2582	69
306-3716	39	306-3732	31	306-3794	27	307-2583	57
306-3716	41	306-3733	27	306-3794	29	307-2583	69
306-3716	43	306-3733	29	306-3794	31	307-2597	51
306-3716	45	306-3733	31	306-3795	27	307-2597	53
306-3716	47	306-3734	27	306-3795	29	307-2600-02	65
306-3717	33	306-3734	29	306-3795	31	307-2648	65
306-3717	35	306-3734	31	306-3796	27	307-2712	49
306-3717	37	306-3738	27	306-3796	29	308-	67
306-3717	39	306-3738	29	306-3796	31	308-0816	71
306-3717	41	306-3738	31	306-3833	49	308-0904	63
306-3717	43	306-3739	27	306-3841	27	308-0955	51
306-3717	45	306-3739	29	306-3841	29	308-0955	53
306-3717	47	306-3739	31	306-3841	31	308-0955	67
306-3718	7	306-3740	27	306-3842	27	308-0957	27
306-3718	9	306-3740	29	306-3842	29	308-0957	29
306-3718	11	306-3740	31	306-3842	31	308-0957	31
306-3718	13	306-3741	49	306-3918	27	308-0960	51
306-3719	7	306-3743	27	306-3918	29	308-0960	53
306-3719	9	306-3743	29	306-3918	31	309-0393	19
306-3719	11	306-3743	31	306-3920	49	309-0611	27
306-3719	13	306-3750	27	306-3921	49	309-0611	29
306-3721	7	306-3750	29	306-3923	27	309-0611	31
306-3721	9	306-3750	31	306-3923	29	309-0616	7
306-3721	11	306-3751	49	306-3923	31	309-0616	9
306-3721	13	306-3753	33	306-3926	49	309-0616	11

Numerical Index

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
309-0616	13	321-0146	75	332-1348	33	332-2837-09	79
312-0203	5	321-0153	71	332-1348	35	332-2837-09	81
312-0204	5	321-0175	71	332-1348	51	332-2839	55
315-0377	63	321-0236	75	332-1348	53	332-2839	61
315-0621-01	71	321-0237	73	332-1445	5	332-2839	65
315-0621-02	71	321-0237	75	332-2230	69	332-2839	79
315-0621-03	71	321-0304-01	75	332-2230	81	332-2839	81
315-0621-04	71	321-0304-02	73	332-2305	33	332-2841	55
315-0651	77	321-0304-02	75	332-2305	35	332-2841	61
315-0661	51	321-0304-03	73	332-2305	37	332-2841	65
315-0661	53	321-0304-03	75	332-2305	39	332-2841	79
315-0665	75	321-0304-04	73	332-2305	41	332-2841	81
315-0666	73	321-0304-04	75	332-2305	43	332-2842-11	79
315-0667	75	321-0304-05	73	332-2305	45	332-2842-12	55
315-0668	73	321-0304-05	75	332-2305	47	332-2842-12	79
315-0669	75	321-0304-06	73	332-2420	27	332-2842-13	55
315-0670	73	322-0137	27	332-2420	29	332-2842-13	79
315-0671	75	322-0137	29	332-2420	31	332-2842-15	61
315-0672	73	322-0137	31	332-2420	51	332-2842-16	81
315-0673	75	322-0137	51	332-2420	53	332-2842-31	65
315-0674	73	322-0137	53	332-2420	63	332-2878	51
315-0675	75	322-0168	51	332-2420	71	332-2878	53
315-0676	73	322-0168	53	332-2420	73	332-2878	69
315-0677	75	322-0170	51	332-2420	75	332-2879-02	69
315-0678	73	322-0170	53	332-2463	33	332-2915	51
315-0679	75	322-0387-02	51	332-2463	35	332-2915	53
315-0680	73	322-0387-02	53	332-2463	37	332-3038	33
315-0693-02	51	323-1200	63	332-2463	39	332-3038	35
315-0693-02	53	323-1333	63	332-2463	41	332-3038	37
315-0693-03	51	323-1387	51	332-2463	43	332-3038	39
315-0693-03	53	323-1387	53	332-2463	45	332-3039	33
315-0693-04	51	323-1409	55	332-2463	47	332-3039	35
315-0693-04	53	332-0802	69	332-2605	27	332-3039	37
319-0072	73	332-0897	63	332-2605	29	332-3039	39
319-0072	75	332-0941	27	332-2605	31	332-3059	27
319-0073	73	332-0941	29	332-2777	71	332-3059	29
319-0073	75	332-0941	31	332-2777	73	332-3059	31
319-1154	51	332-0941	51	332-2777	75	332-3087	51
319-1154	53	332-0941	53	332-2823	77	332-3087	53
319-1162	51	332-0941	55	332-2832	27	332-3091	27
319-1162	53	332-0941	57	332-2832	29	332-3091	29
319-1163-01	51	332-0941	59	332-2832	31	332-3091	31
319-1163-01	53	332-0941	61	332-2836-01	65	332-3092	27
319-1163-02	51	332-0941	63	332-2836-01	81	332-3092	29
319-1163-02	53	332-0941	65	332-2836-02	55	332-3092	31
320-0606	5	332-0941	67	332-2836-02	61	334-1841	81
320-0608	5	332-0942	71	332-2836-02	79	337-1049	33
321-0104	73	332-0942	73	332-2837-09	55	337-1049	35
321-0104	75	332-0942	75	332-2837-09	61	337-2456	7
321-0146	73	332-0942	81	332-2837-09	65	337-2456	9

Numerical Index

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
337-2456	11	338-2350	61	516-0202	27	526-0018	31
337-2456	13	338-2647	7	516-0202	29	526-0018	33
337-2458	33	338-2647	9	516-0202	31	526-0018	35
337-2458	35	338-2647	11	516-0233	7	526-0018	37
337-2458	37	338-2647	13	516-0233	9	526-0018	39
337-2458	39	338-2648	51	516-0233	11	526-0018	41
337-2459	33	338-2648	53	516-0233	13	526-0018	43
337-2459	35	338-2649	27	516-0233	27	526-0018	45
337-2459	37	338-2649	29	516-0233	29	526-0018	47
337-2459	39	338-2649	31	516-0233	31	526-0022	33
337-2459	41	338-2689	55	516-0234	27	526-0022	35
337-2459	43	338-2691	57	516-0234	29	526-0022	37
337-2459	45	338-2705	65	516-0234	31	526-0022	39
337-2459	47	338-2755	51	516-0235	27	526-0029	27
337-2460	33	338-2755	53	516-0235	29	526-0029	29
337-2460	35	338-2784	63	516-0235	31	526-0029	31
337-2460	37	338-2801	63	516-0237	49	526-0048	51
337-2460	39	338-2802	63	516-0238	33	526-0048	53
337-2461	33	406-0613	51	516-0238	35	532-0374	51
337-2461	35	406-0613	53	516-0238	37	532-0374	53
337-2461	37	406-0714	27	516-0238	39	532-0400	51
337-2461	39	406-0714	29	516-0238	41	532-0400	53
337-2461	41	406-0714	31	516-0238	43	800-0003	7
337-2461	43	508-0231	51	516-0238	45	800-0003	9
337-2461	45	508-0231	53	516-0238	47	800-0003	11
337-2461	47	508-0253	7	517-0137	51	800-0003	13
337-2465	11	508-0253	9	517-0137	53	800-0003	33
337-2465	13	508-0253	11	518-0115	7	800-0003	35
337-2465	37	508-0253	13	518-0115	9	800-0003	37
337-2465	39	508-0253	27	518-0115	11	800-0003	39
337-2465	45	508-0253	29	518-0115	13	800-0003	41
337-2465	47	508-0253	31	518-0115	27	800-0003	43
337-2498	7	508-1067-01	51	518-0115	29	800-0003	45
337-2498	9	508-1067-01	53	518-0115	31	800-0003	47
337-2498	11	516-0037	49	518-0115	49	800-0005	27
337-2498	13	516-0040	33	518-0435	21	800-0005	29
337-2500	41	516-0040	35	526-0003	15	800-0005	31
337-2500	43	516-0040	37	526-0003	17	800-0007	5
337-2500	45	516-0040	39	526-0003	69	800-0007	33
337-2500	47	516-0040	41	526-0012	27	800-0007	35
337-2559-01	41	516-0040	43	526-0012	29	800-0007	37
337-2559-01	43	516-0040	45	526-0012	31	800-0007	39
337-2559-01	45	516-0040	47	526-0016	49	800-0007	41
337-2559-01	47	516-0042	27	526-0018	5	800-0007	43
338-2149	71	516-0042	29	526-0018	7	800-0007	45
338-2161	71	516-0042	31	526-0018	9	800-0007	47
338-2161	73	516-0104	27	526-0018	11	800-0008	7
338-2161	75	516-0104	29	526-0018	13	800-0008	9
338-2223	73	516-0104	31	526-0018	27	800-0008	11
338-2223	75	516-0151	49	526-0018	29	800-0008	13

Numerical Index

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
800-0009	41	800-0036	35	815-0261	43	815-0496	47
800-0009	43	800-0051	27	815-0261	45	815-0504	59
800-0009	45	800-0051	29	815-0261	47	815-0527	11
800-0009	47	800-0051	31	815-0285	49	815-0527	13
800-0010	7	802-0045	23	815-0290	27	815-0527	37
800-0010	9	810-0085	51	815-0290	29	815-0527	39
800-0010	11	810-0085	53	815-0290	31	815-0527	45
800-0010	13	812-0059	7	815-0403	63	815-0527	47
800-0010	33	812-0059	9	815-0446	7	815-0544	51
800-0010	35	812-0059	11	815-0446	9	815-0544	53
800-0010	37	812-0059	13	815-0446	11	815-0549	71
800-0010	39	812-0062	5	815-0446	13	815-0550	71
800-0010	41	812-0068	27	815-0446	33	815-0550	73
800-0010	43	812-0068	29	815-0446	35	815-0550	75
800-0010	45	812-0068	31	815-0446	37	815-0567	51
800-0010	47	812-0072	7	815-0446	39	815-0567	53
800-0011	41	812-0072	9	815-0446	41	815-0651	27
800-0011	43	812-0072	11	815-0446	43	815-0651	29
800-0011	45	812-0072	13	815-0446	45	815-0651	31
800-0011	47	812-0072	27	815-0446	47	815-0652	5
800-0021	5	812-0072	29	815-0447	7	815-0652	7
800-0026	37	812-0072	31	815-0447	9	815-0652	9
800-0026	39	812-0082	15	815-0447	11	815-0652	11
800-0026	41	812-0082	17	815-0447	13	815-0652	13
800-0026	43	812-0086	25	815-0447	27	815-0652	27
800-0026	45	812-0090	25	815-0447	29	815-0652	29
800-0026	47	812-0162	37	815-0447	31	815-0652	31
800-0027	7	812-0162	39	815-0447	51	815-0652	49
800-0027	9	812-0162	45	815-0447	53	815-0652	51
800-0027	11	812-0162	47	815-0449	15	815-0652	53
800-0027	13	813-0112	71	815-0449	17	815-0656	11
800-0028	33	813-0116	71	815-0449	33	815-0656	13
800-0028	35	815-0029	5	815-0449	35	815-0667	7
800-0028	37	815-0029	49	815-0449	37	815-0667	9
800-0028	39	815-0157	27	815-0449	39	815-0667	11
800-0028	41	815-0157	29	815-0449	41	815-0667	13
800-0028	43	815-0157	31	815-0449	43	815-0680	55
800-0028	45	815-0163	15	815-0449	45	815-0680	57
800-0028	47	815-0163	17	815-0449	47	815-0686	19
800-0030	33	815-0163	21	815-0496	7	815-0790-01	7
800-0030	35	815-0261	11	815-0496	9	815-0790-01	9
800-0030	37	815-0261	13	815-0496	11	815-0790-01	11
800-0030	39	815-0261	27	815-0496	13	815-0790-01	13
800-0030	41	815-0261	29	815-0496	33	815-0790-02	7
800-0030	43	815-0261	31	815-0496	35	815-0790-02	9
800-0030	45	815-0261	33	815-0496	37	815-0790-02	11
800-0030	47	815-0261	35	815-0496	39	815-0790-02	13
800-0031	33	815-0261	37	815-0496	41	815-0795	27
800-0031	35	815-0261	39	815-0496	43	815-0795	29
800-0036	33	815-0261	41	815-0496	45	815-0795	31

Numerical Index

Part No.	Page	Part No.	Page	Part No.	Page	Part No.	Page
821-0028	51	851-0028	39	870-0183	27		
821-0028	53	851-0028	41	870-0183	29		
821-0040	71	851-0028	43	870-0183	31		
821-0040	73	851-0028	45	870-0188	27		
821-0040	75	851-0028	47	870-0188	29		
822-2048	73	853-0003	7	870-0188	31		
822-2048	75	853-0003	9	870-0201	19		
822-2050	73	853-0003	11	870-0212	27		
822-2050	75	853-0003	13	870-0212	29		
850-0025	15	853-0005	69	870-0212	31		
850-0025	17	854-0015	37	870-0212	51		
850-0040	5	854-0015	39	870-0212	53		
850-0040	7	854-0015	45	870-0212	77		
850-0040	9	854-0015	47	870-0221	51		
850-0040	11	855-0008	15	870-0221	53		
850-0040	13	855-0008	17	870-0221	55		
850-0040	23	855-0008	21	870-0221	61		
850-0040	27	855-0008	49	870-0221	65		
850-0040	29	856-0002	51	870-0221	73		
850-0040	31	856-0002	53	870-0221	75		
850-0040	33	860-0008	51	870-0221	81		
850-0040	35	860-0008	53	870-0232	63		
850-0040	37	860-0008	69	870-0235	25		
850-0040	39	862-0001	7	870-0240	51		
850-0040	41	862-0001	9	870-0240	53		
850-0040	43	862-0001	11	870-0257	27		
850-0040	45	862-0001	13	870-0257	29		
850-0040	47	862-0001	33	870-0257	31		
850-0050	27	862-0001	35	870-0393	21		
850-0050	29	862-0001	37	870-0394	7		
850-0050	31	862-0001	39	870-0394	9		
851-0027	7	862-0001	41	870-0394	11		
851-0027	9	862-0001	43	870-0394	13		
851-0027	11	862-0001	45	870-0396	21		
851-0027	13	862-0001	47	870-0439	63		
851-0027	33	862-0015	33	870-0469	27		
851-0027	35	862-0015	35	870-0469	29		
851-0027	37	862-0015	37	870-0469	31		
851-0027	39	862-0015	39				
851-0027	41	870-0048	27				
851-0027	43	870-0048	29				
851-0027	45	870-0048	31				
851-0027	47	870-0065	27				
851-0028	7	870-0065	29				
851-0028	9	870-0065	31				
851-0028	11	870-0131	5				
851-0028	13	870-0131	71				
851-0028	33	870-0131	73				
851-0028	35	870-0131	75				
851-0028	37	870-0183	5				