

Gilbarco Parts List

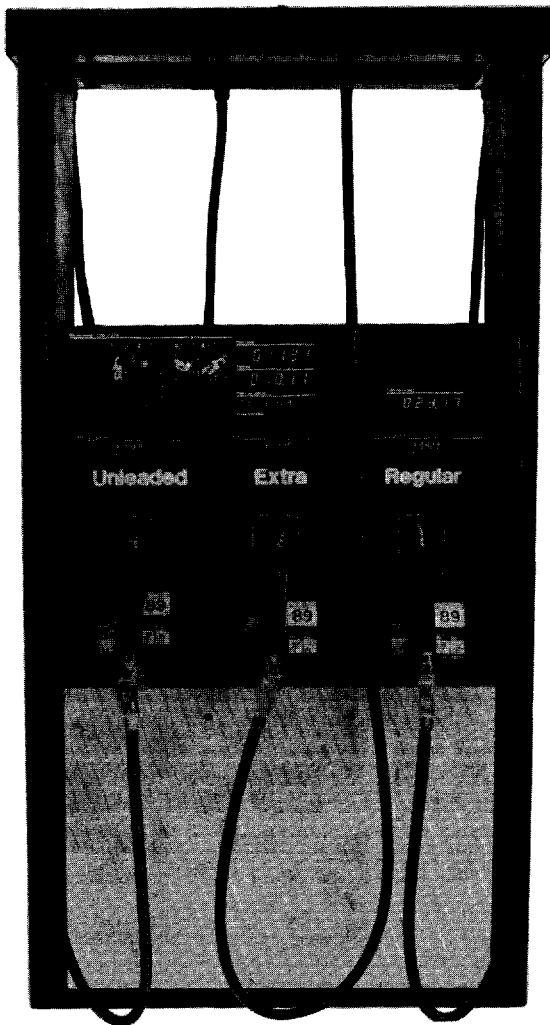
PT1445A

MPD-2 / MPD-C

Multi-Product Dispensers 3 & 6 Hose Units

This Parts List is set up with one 13 digit Code Number for the Hydraulic Module and one 9 Digit Code number for the Control Data Module. Reference should be made to these numbers when ordering replacement Parts.

Note: The 6 digit Code Number appearing on the Name Plate is a Gilbarco Internal Company number.



- | | | | | | | | | | | | | |
|------|--|-------|---|---|---|---|---|---|---|---|-----|----|
| A. | U.S. | _____ | A | C | G | O | U | U | O | O | 000 | 00 |
| C. | Electronic Gas Pump | _____ | | | | | | | | | | |
| G. | MPD-C/2 | _____ | | | | | | | | | | |
| A. | Dispenser (Std. Gal.) | _____ | | | | | | | | | | |
| E. | Multiproduct (6) Meters; (3) Products | _____ | | | | | | | | | | |
| J. | Multiproduct (3) Meters; (3) Products | _____ | | | | | | | | | | |
| A. | Std. Nozzle Boot With Totalizer (U.S. Gal.) | _____ | | | | | | | | | | |
| B. | V/R Nozzle Boot & V/R Hook With Totalizer (U.S. Gal.) | _____ | | | | | | | | | | |
| C. | Std. Nozzle Boot, Less Totalizer (U.S. Gal.) | _____ | | | | | | | | | | |
| D. | V/R Nozzle Boot & V/R Hook, Less Totalizer (U.S. Gal.) | _____ | | | | | | | | | | |
| G. | Std. Nozzle Boot With Totalizer (Metric) | _____ | | | | | | | | | | |
| H. | V/R Nozzle Boot & V/R Hook With Totalizer (Metric) | _____ | | | | | | | | | | |
| J. | V/R Nozzle Boot With Totalizer (U.S. Gal.) | _____ | | | | | | | | | | |
| B. | Preset, Less V.D.I. | _____ | | | | | | | | | | |
| O. | Original Release | _____ | | | | | | | | | | |
| D. | 4th Major Revision (for use with co-axial V/R hose and nozzle) | _____ | | | | | | | | | | |
| A00. | Less V/R Piping | _____ | | | | | | | | | | |
| B00. | With V/R Piping | _____ | | | | | | | | | | |
| C00. | With V/R Piping Plugged | _____ | | | | | | | | | | |
| O. | Minor Variations | _____ | | | | | | | | | | |
| O. | Minor Variations | _____ | | | | | | | | | | |

- | | | | | | | | | |
|-----|---------------------------|-------|----|---|---|---|----|----|
| C. | Control Data Module | _____ | CC | O | O | O | OO | OO |
| C. | MPD | _____ | | | | | | |
| O. | Domestic MPD-C | _____ | | | | | | |
| 2. | Domestic MPD-2 | _____ | | | | | | |
| O. | 6 Hose (Std.) Dispenser | _____ | | | | | | |
| 1. | 3 Hose "A" Side Dispenser | _____ | | | | | | |
| 2. | 3 Hose "B" Side Dispenser | _____ | | | | | | |
| O. | 120 VAC, 60 HZ | _____ | | | | | | |
| 2. | 220 VAC, 60 HZ | _____ | | | | | | |
| 4. | 230 VAC, 60 HZ | _____ | | | | | | |
| 6. | 240 VAC, 60 HZ | _____ | | | | | | |
| OO. | Option "Side A" | _____ | | | | | | |
| OO. | Option "Side B" | _____ | | | | | | |

IMPORTANT When ordering replacement parts, only parts indicated (by symbols) can be replaced in the field. If other than these parts require replacing, contact Gilbarco Inc. The 13 and 9 digit model numbers & all information stamped on both name plates must be given.

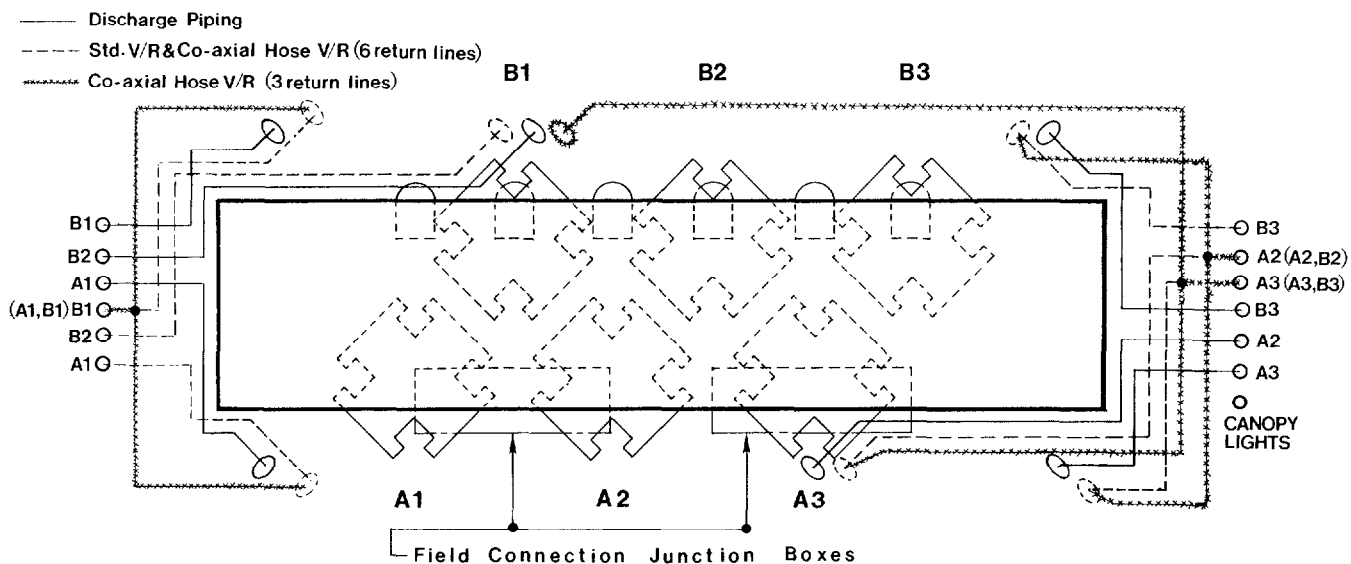
Gilbarco Inc., 7300 W. Friendly Ave., P. O. Box 22087, Greensboro, N. C. 27420 - Phone (919) 292-3011

Printed in U.S.A.

INDEX

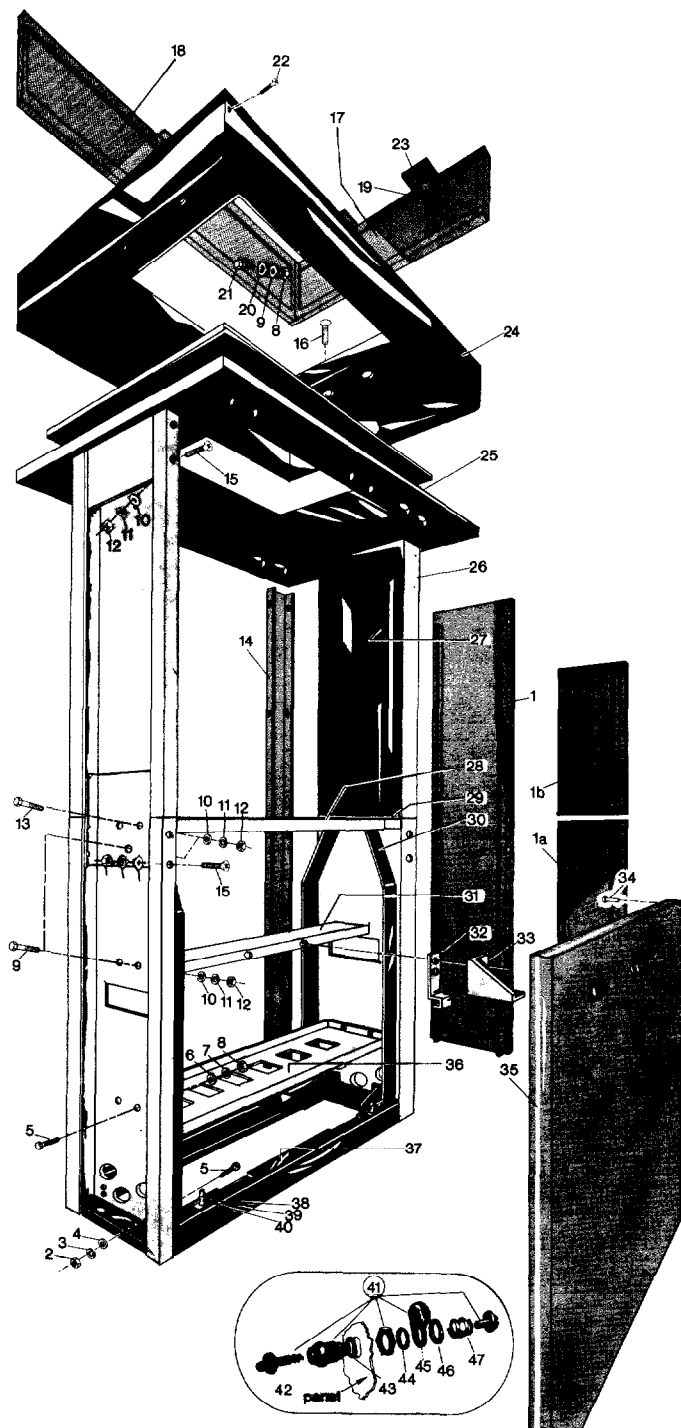
Page 1	FRAME & PANEL DETAILS	PLATE 1
Page 2	VAPOR BARRIER DETAILS	PLATE 12
	TOTALIZER DETAILS WITH	PLATE 26
	PULSER & METER INFORMATION	
Page 3	DISCHARGE PIPING	PLATE 24
Page 4	HYDRAULIC SECTION "A" SIDE	PLATE 18
Page 5	HYDRAULIC SECTION "B" SIDE	PLATE 19
Page 6	HYRAULIC TREE DETAILS	PLATE 23
Page 7	HYDRAULIC TREE PARTS	
Page 8	PUT-DOWN DETAILS	PLATE 28
Page 9	PUT-DOWN PARTS	
Page 10	C.D.MODULE WITH PUT-DOWNS	PLATE 30
Page 11	C.D.MODULE "A" SIDE	PLATE 31
Page 12	C.D.MODULE "B" SIDE	PLATE 32
Page 13	COMMAND MODULE	PLATE 34
	LOGIC BD.	PLATE 33A
Page 14	MAIN DISPLAY BD.	PLATE 33B
	FAR SIDE DISPLAY BD.	PLATE 33C
	P.P.U.DISPLAY BD.	PLATE 33D
Page 15	REGULATOR BD.	PLATE 33E
	INTERFACE BD.	PLATE 33F
	RELAY BD.	PLATE 33G
Page 16	CUSTOMER OPTION BD.	PLATE 33H
	MOTHERBOARD	PLATE 33J

DIAGRAM OF DISCHARGE PIPING & V/R PIPING LOCATION DIAGRAM FOR LOCATING FRONT "A SIDE" OF UNIT



FRAME & PANEL DETAILS

PLATE 1

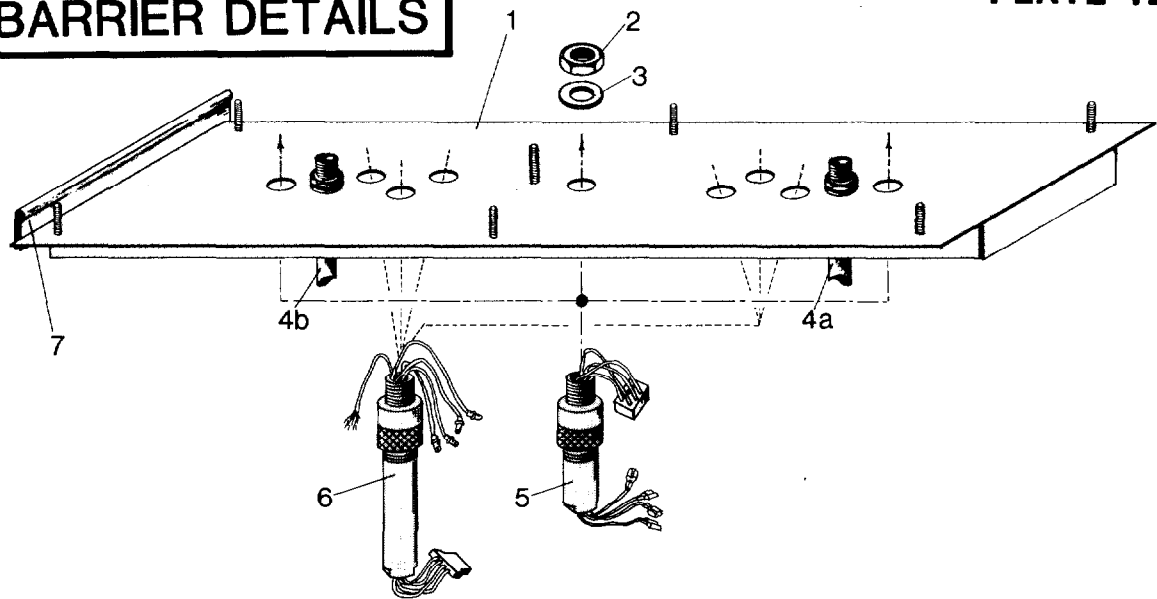


Code No.	No. Req.	Symbol No.	Description
1.	2	T14053-	†§ Column Sheathing, Outer Cover (S.S.)
		-01	†§ Column Sheathing, Outer Cover (Black)
1.a.	2	T14463-	§ Lower Column Sheathing, Outer Cover (C.R.S.)
1.b.	2	T14462	§ Upper Column Sheathing, Outer Cover (C.R.S.)
2.	12	K01943	Nut
3.	12	K50775	Lockwasher
4.	12	K02206	Washer
5.	4	K43625	Bolt (1/4 - 20 x 3/4" Lg.)
6.	4	K14056	Washer
7.	4	K50773	Lockwasher
8.	4	K01941	Nut
9.	5	K05291	Bolt (5/16 - 18 x 3/4" Lg.)
10.	16	K01942	Nut
11.	9	K50774	Lockwasher
12.	9	K66872-01	Washer
13.	4	K07565	Bolt (5/16 - 18 x 1" Lg.)
14.	2	T14055-	†§ Column Sheathing, R.H. End Caps (S.S.)
		-01	†§ Column Sheathing, R.H. End Caps (Black)
	2	T14054-	†§ Column Sheathing, L.H. End Caps (SS)
		-01	†§ Column Sheathing, L.H. End Caps (Black)
14.a.	2	T14461	§ Lower Column Sheathing, R.H. End Caps (C.R.S.)
	2	T14459	§ Lower Column Sheathing, L.H. End Caps (C.R.S.)
14.b.	2	T14458	§ Upper Column Sheathing, R.H. End Caps (C.R.S.)
	2	T14460	§ Upper Column Sheathing, L.H. End Caps (C.R.S.)
15.	8	Q10098-37	Fl. Hd. Cap Screw (5/16-18 x 1" Lg.)
16.	4	K10232	Fl. Hd. Cap Screw (1/4-20 x 1/2" Lg.)
17.	2	T14008-	§ Sides of Top Canopy (C.R.S.)
		-01	§ Sides of Top Canopy (S.S.)
18.	2	T14007-	§ Front and Rear of Top Canopy (C.R.S.)
		-01	§ Front and Rear of Top Canopy (S.S.)
19.	6	N21582	Canopy Brkt. Strip
20.	24	K65235-20	Washer 1/4"
21.	12	K14830	Hex. Hd. Bolt (1/4-20 x 5/8" Lg.)
22.	4	Q10098-36	Fl. Hd. Cap Screw (5/16-18 x 3/4" Lg.)
23.	6	R16584	Canopy Brkt.
24.	1	T14096-01	Piping Housing Cover
25.	1	T14030-02	Upper Housing Ass'y. (welded)
26.	2	T14021	Upper Column Ass'y. (welded)
27.	2	T14056-	§ Column Sheathing, Inner Cover (S.S.)
		-01	§ Column Sheathing, Inner Cover (C.R.S.)
28.	1	T14025	Vapor Barrier Ass'y. (welded)
29.	2	K91305	Shim
30.	2	T14028	Reveal Brkt. (R.H.)
	2	T14029	Reveal Brkt. (L.H.)
31.	1	T14024	Meter Support Shelf
32.	4	T14065	Fastening Brkt.
33.	4	T14064	Stabilizing Brkt.
34.	8	K85356	Bumper
35.	2		§ Lower Panel Ass'y.
36.	1	T14023	Lower Shelf
	1	T14423	Lower Shelf (all 4 flanges bent down)
37.	1	T14016	Base Ass'y. (Welded)
38.	4	K82648	Panel Support Spring
39.	4	K85821	Panel Locating Pin
40.	4	Q10059-07	Self Thd. Hex Nut (1/4")
41.	4	K83512	Panel Lock w/Key (Includes #34, and 37)
		-30	Panel Lock w/Key, Less Cam
		-25	Key
42.	4	K83513-20	Washer (Painted Panels Only)
44.	4		Washer
45.	4	K83512-22	Cam
46.	4	K85518	Spacer
47.	4	K83382	Spring

§ Shipping Order Items; Customer must specify Color and/or Wording

† Used on one piece frames

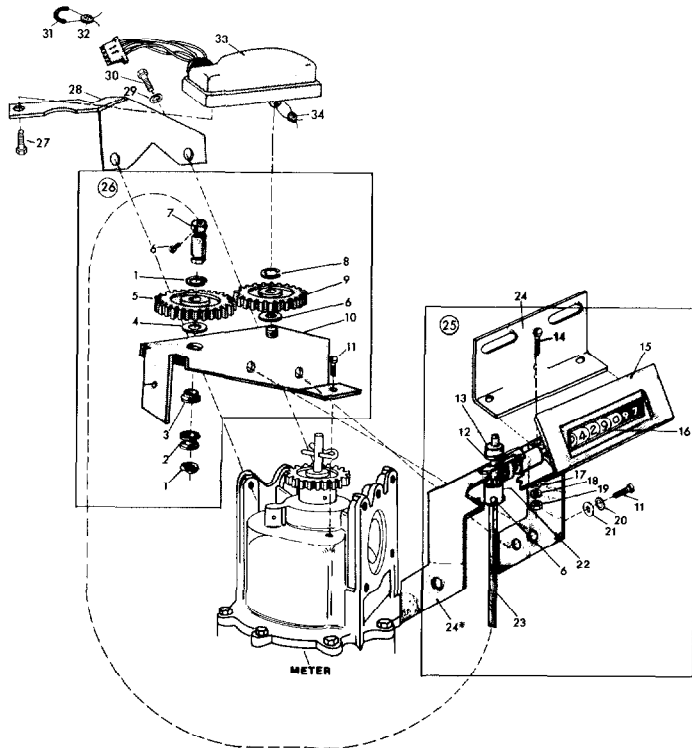
VAPOR BARRIER DETAILS



Code No.	No. Req.	Symbol No.	Description
1	1	T14025	Vapor Barrier Assy. (Welded)
2	11	K89681	Locknut
3	11	N16599-65	Washer
4	1	T14041-01	Conduit & Wire (Ref. Plate 23) (Handle barrier)

Code No.	No. Req.	Symbol No.	Description
4A	1	T14041-02	Conduit & Wire (Ref. Plate 23) (pulser barrier)
5	3	R16419-G1	I. S. Barrier Assy.
6	6	T13713-G7	I. S. Barrier Assy.
7	2	K91305	Shim

TOTALIZER DETAILS



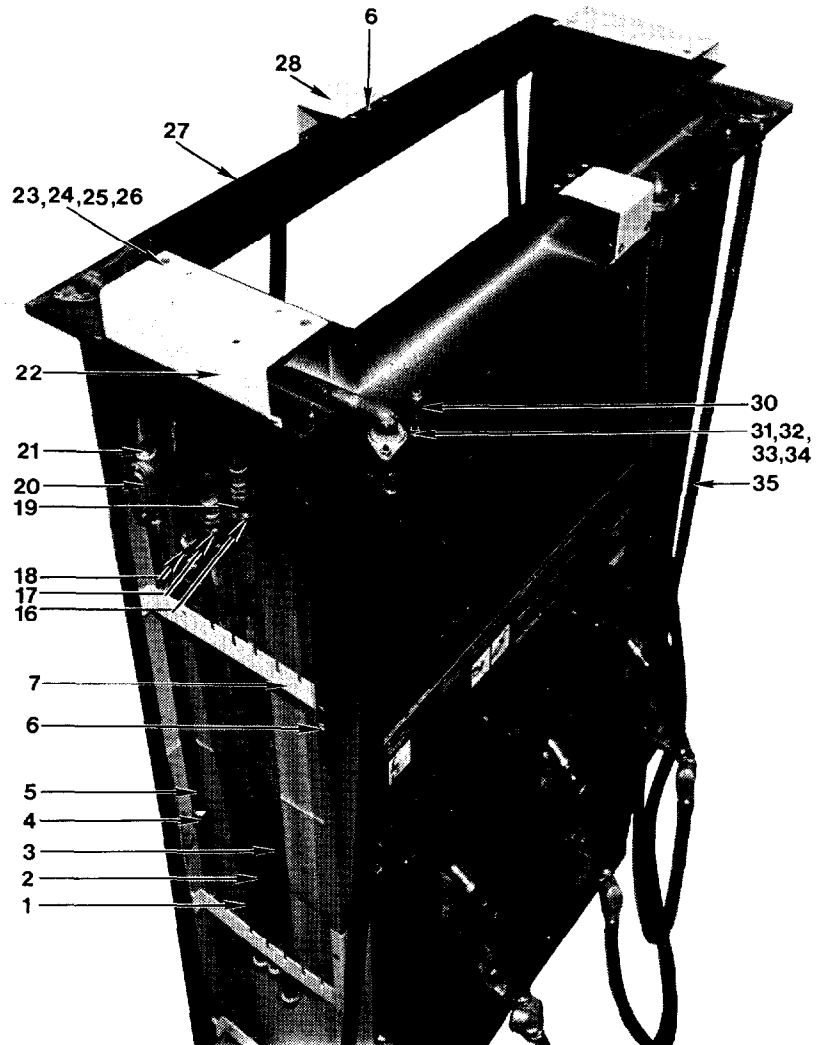
Code No.	No. Req.	Symbol No.	Description
1	2	K76238-36	Retaining Ring
2	1	N17706-37	Oilite Bearing
3	1	Q10217-09	Push-On Retaining Ring
4	2	N16599-23	Washer (.005 Tk.)
5	1	K88329	Gear (Bore with Flat)
6	4	K76707	Set Screw (#5 - 40 x 5/32 Lg.)
7	1	K90314	Gear & Counter Drive Shaft
8	1	K76238-37	Retaining Ring
9	1	K88329-01	Gear (Bore Round)
10	1	N20971	Gear Bracket & Stud Assy.
11	5	Q10149-47	Screw Th'd Forming Pan Hd.
12	1	N16599-43	Thrust Washer (.005 Tk.)
13	1	K90010	Shaft Collar
14	2	Q10111-34	Screw (6 - 32 x 3/8" Lg.)
15	1	N21625	Totalizer Mask
16	1	K90316	Totalizer & Coupling Assy.
17	2	K65235-23	Washer
18	2	K46212	Lockwasher
19	2	K66857	Nut
20	3	K50866	Starwasher
21	3	Q10973-01	Washer
22	1	K90315	Coupling
23	1	K89799-10	Flexible Shaft
24	1	R16311	*Totalizer Bracket
24	1	N22009	Totalizer Bracket Assy.
25	1	R16310	*Totalizer to Bracket Assy.
25	1	R16581	Totalizer to Bracket Assy.
26	1	R15882	Gear & Bracket Assy.
27	1	K85736-07	Screw (8-32 X 1/4" Lg.)
28	1	R15360	Pulser Mounting Bracket
29	2	K50774	Lockwasher
30	2	K48983	Bolt (5/16 - 18 X 3/4" Lg.)
31	1	Q10141-01	Seal Wire Insulator
32	1	K02644	Seal & Wire Assy. (7" Lg.)
33	1	T12672-G1	Pulser Assy.
34	1	K14195	Seal & Wire Assy. (4" Lg.)

* Used on P.P.U. Units

DISCHARGE PIPING DETAILS

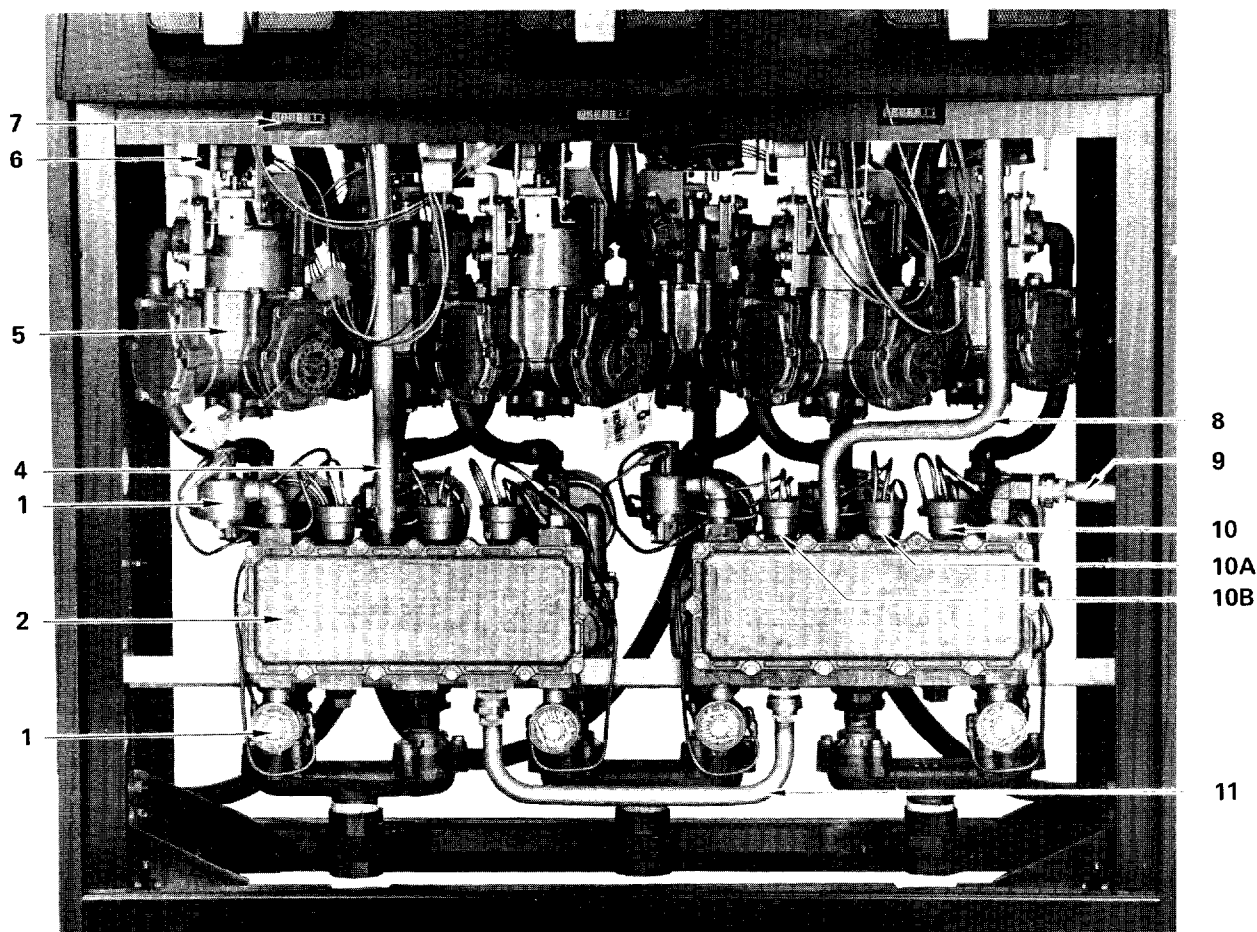
PLATE 24

Code No.	No. Req.	Symbol No.	Description
1	2	N21289-09	Dresser Nipple (3/4 x 41 3/8 "lg.)
2	2	N21289-10	Dresser Nipple (3/4 x 45 "lg.)
3	2	N21289-11	Dresser Nipple (3/4 x 48 3/4 "lg.)
4	1	K86074-01	Conduit Coupling (With Canopy Lighting)
5	1	T14039	Conduit & Wire (With Canopy Lighting)
6	24	K10232	Flat Hd. Screw (1/4" - 20 x 1/2" Lg.)
7	6	T14052	Pipe Clamps Brkt.
8	12	K90022	Pipe Clamps (For Discharge Piping Conduit)
9	12	K02447	Rd. Hd. Screw (For Discharge Piping Conduit)
10	12	K50773	Lockwasher (For Discharge Piping Conduit)
11	12	K14056	Washer (For Discharge Piping Conduit)
12	2	K90912	Tubing Clamps (For Canopy Lighting Conduit)
13	2	K11061	Rd. Hd. Screw (1/4" - 20 x 5/8" Lg.) (For Canopy Lighting Conduit)
14	2	K50773	Lockwasher (For Canopy Lighting Conduit)
15	2	K01941	Nut (For Canopy Lighting Conduit)
16	2	T14048-	Upper Discharge Line Assy. (Std.) (Use on A3 and B1)
		-01	Less Coupling & Dresser
		-02	With Coupling & Dresser
		T14474	Upper Discharge Line Ass'y. (Coaxial hose) (Use on A3 and B1)
		-01	Less Dresser
		-02	With Dresser
17	2	T14047	Upper Discharge Line Assy. (Std.) (Use on A2 and B2)
		-01	Less Coupling and Dresser
		-02	With Coupling and Dresser
		T14476-	Upper Discharge Line ass'y. (Coaxial hose) (Use on A2 and B2)
		-02	Less Dresser
		-03	With Dresser
	1	T14798-03	Upper Discharge Line Assy. (Use for B2 with co-axial hose. (3 V/R return lines) (not shown)
18	2	R16323	Upper Discharge Line Assy. (Std.) (Use on A1 and B3)
		-01	Less Coupling and Dresser
		-02	With Coupling and Dresser
		R16572-	Upper Discharge Line ass'y. (Coaxial hose)
		-01	(Use on A1 and B3)
		-02	Less Dresser
		-02	With Dresser
19	6	N16081-20	Dresser Coupling (3/4")
19	12	N16081-20	Dresser Coupling (3/4") for V/R
20	1	Q10974-01	Junction Box (For Canopy Lighting)
21	1	K02281	Pipe Plug (1/2") (For Canopy Lighting)
22	2	T14035-02	Lifting Brkt. Cover
23	8	Q10098-37	Flat Hd. Screw (5/16" - 18 x 1" Lg.)
24	8	K66872-01	Washer
25	8	K50774	Lockwasher
26	8	K01942	Nut
27	1	T14030-02	Upper Support Housing (Welder)
28	2	R15592-03	Cover Mounting Straps
29	6	Q10098-36	Flat Hd. Screw (5/16" - 18 x 3/4" Lg.)
30	6	N21590-02	V/R Conn. Plug (For units less V/R)
31	12	Q10972-03	Flat Hd. Cap Screw (Blk) (1/4" - 20 x 7/8" Lg.)
32	12	K14056	Washer
33	12	K50773	Lockwasher
34	12	K01941	Nut
35	6	N18731-11	Std. Hose (5/8" x 10'6" Lg.)
36	2 ea.	T14051-	Side V/R Piping (Not shown)
		-01	Use on A3 and B1
		-02	Use on A2 and B2
		-03	Use on A1 and B3
37	2	T14050-04	Upper V/R Line (For Std. hose on A3 and B1) (Not shown)
	2	T14475-03	Upper V/R Line (For coaxial hose on A3 and B1) (Not shown) (Use with 6 V/R return lines)
38	2	T14049-04	Upper V/R Line (For Std. hose on A2 and B2) (Not shown)
	2	T14477-03	Upper V/R Line (For coaxial hose on A2 and B2) (Not shown) (Use with 6 V/R return lines)
	1	T14791-04	Upper V/R Line (For coaxial hose on A2 and B2) (not shown) (Use with 3 V/R return lines) (Not shown)
39	2	R16324-03	Upper V/R Line (For Std. hose on A1 and B3) (Not shown)
	2	R16573-02	Upper V/R Line (For coaxial hose on A1 and B3) (Not shown) (Use with 6 V/R return lines)
	1	T14793-05	Upper V/R Line (for coaxial hose on A1 & B1 and A3 & B3) (not shown) (Use with 3 V/R return lines)



HYDRAULIC SECTION "A" SIDE

PLATE 18

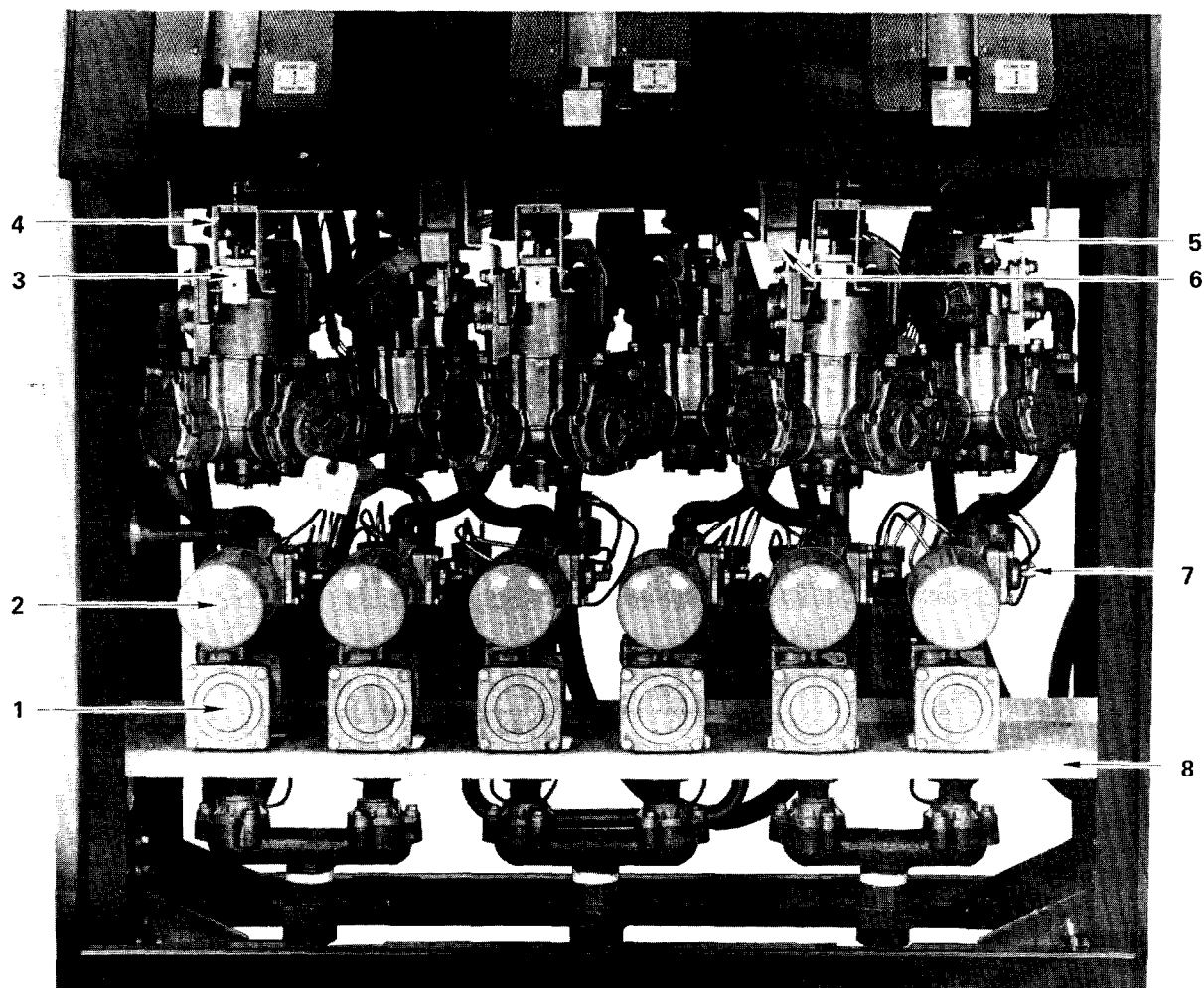


Code No.	No. Req.	Symbol No.	Description
1	6	N20822	Solenoid Valve (Ref.: Plate 23)
2	2	W01453-16	Junction Box (Ref.: Plate 23)
4	1	T14041-02	Conduit & Wire Assy. (Ref.: Plate 23, Item #4.A.)
5	6	PA024TA10	Meter Assy. (Ref.: Plate 26)
6	6	T12672-G1	Pulser Assy. (Ref.: Plate 26)
7	6	K90316	Totalizer Assy. (Ref.: Plate 26)
8	1	T14041-01	Conduit & Wire Assy. (Ref.: Plate 23, Item #4)

Code No.	No. Req.	Symbol No.	Description
9	1	T14039	Conduit & Wire Assy. (Ref.: Plate 23)
10	2	N20475-19	Pilot Valve Assy. (Ref.: Plate 23, Valve "Y")
10a	2	N20475-13	Pilot Valve Assy. (Ref.: Plate 23, Valve "X")
10b	2	N20475-14	Pilot Valve Assy. (Ref.: Plate 23, Valve "Z")
11	1	K90909	Conduit Crossover

HYDRAULIC SECTION "B" SIDE

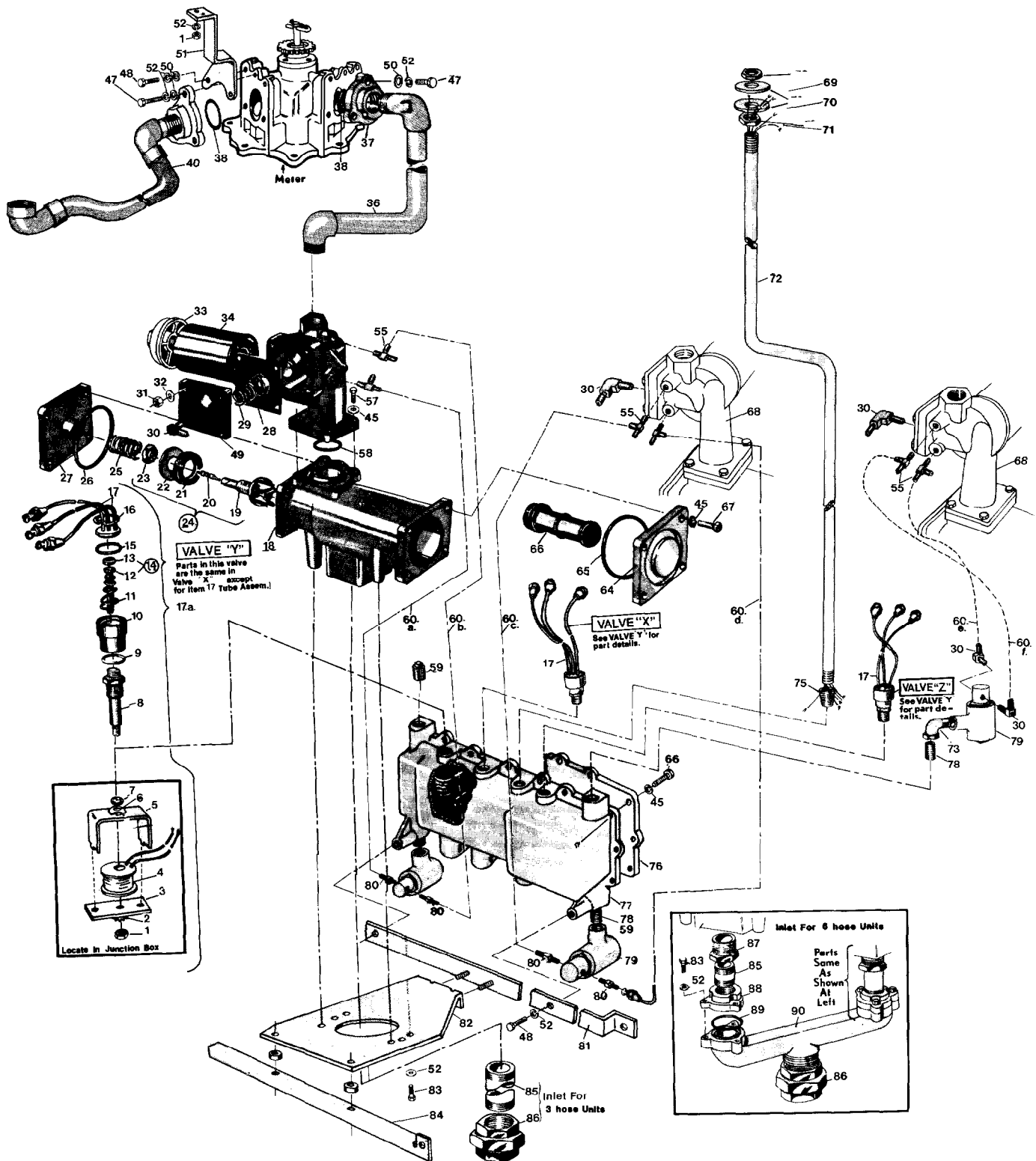
PLATE 19



Code No.	No. Req.	Symbol No.	Description
1	6	PA00970001	Pressure Ref. & Strainer (Ref.: Plate 23, Item #23)
2	6	K82584	Gas Filter (Ref.: Plate 23)
2	6	N21611	Gas filter (Water Alert type) (Ref.: Plate 23)
3	6	R15882	Gear & Brkt. Assy. (Ref.: Plate 23)
4	6	R16311	* Totalizer Brkt. Assy. (Ref.: Plate 26)

Code No.	No. Req.	Symbol No.	Description
4	6	N22009	Totalizer Brkt. Assy. (Ref.: Plate 26)
5	6	K89799-10	Flexible Shaft (Ref.: Plate 25)
6	4	T14065	Panel Fastening Brkt. (Ref.: Plate 1)
7	6	PA00980006	Solenoid Valve (Ref.: Plate 23)
8	1	T14023	* Lower Shelf (Ref.: Plate 1)
8	1	T14423	Lower Shelf (Ref.: Plate 1)

* Used on P.P.D. Units



HYDRAULIC TREE PARTS

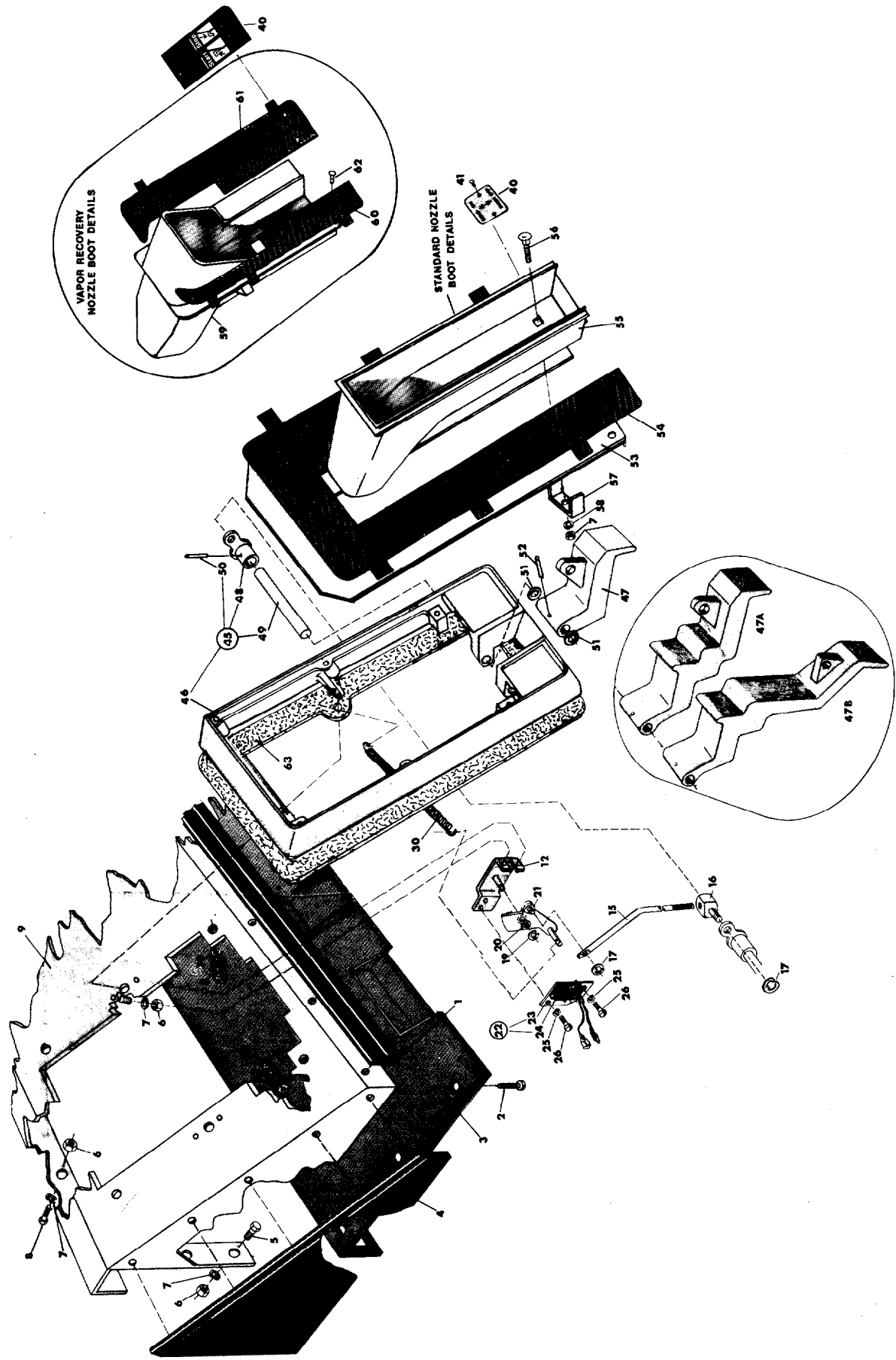
PLATE 23

CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1.	6	K01942	Nut (5/16"-18)
2.	6	K42030	Lockwasher 5/16"
3.	6	K88743	Plate
4.	6	N20429-	Coil
		-01	115/120V-50/60 CY.
		-02	230/240V-50/60 CY.
5.	6	K88742	Bracket
6.	6	K81856-23	Bowed Washer
7.	6	K83513	Washer 5/16"
8.	6	K88739	Plunger Tube Assembly
9.	6	Q10067-07	O-Ring 3/4" x 15/16" x 3/32"
10.	6	R14023-10	Valve Body
11.	6	K88746	Spring
12.	6	K88740	Plunger
13.	6	K88732	Valve Seal
14.	6	K88760	Plunger & Seal Assembly (Includes items #12 & 13)
15.	6	Q10067-14	O-Ring 1 3/16" x 1 3/8" x 3/32"
16.	6	K76238-75	Retaining Ring
17.	1	N21601	Pilot Valve Tube Assy. (Located at Valve "Y")
		*N21270-01	
17.	1	N21597	Pilot Valve Tube Assy. (Located at Valve "X")
		*N21271	
17.	1	N21593	Pilot Valve Tube Assy. (Located at Valve "Z")
		*N21256	
17.a.	1	N20475-	Pilot Valve Assembly (Includes items #8-17)
		-16	Located at Valve "Y"
		*-19	Located at Valve "Y"
		-17	Located at Valve "X"
		*-13	Located at Valve "X"
		-18	Located at Valve "Z"
		*-14	Located at Valve "Z"
18.	6	W01455-10	Body (Pressure regulator strainer)
19.	6	N16804-21	Valve stem
20.	6	K78956	Valve
21.	6	K81332	Disc
22.	6	K82047	Washer
23.	6	K80964-23	Palnut 1/2"-20
24.	6	K82056	Check valve assembly (includes items #19 THRU #23)
25.	6	K88744	Spring
26.	6	Q10068-20	O-Ring 2 3/8" x 2 5/8" x 1/8"
27.	6	R14024	End cap (Check valve end)
28.	6	K88750	Diaphragm Assy.
29.	6	K88745	Spring
30.	10	Q10001-02	Flared elbow fitting
31.	24	K43625	Hex H.D. Bolt 1/4"-20 x 3/4" LG.
32.	24	N16599-60	Washer 1/4"
33.	6	N17076	Filter cap (Use in place of filter)
34.	6	K82584	Filter (STD. Type) (Blue with white lettering)
34.	6	N21611	Filter (Water alert type) (White with blue lettering)
35.	2	K83949-21	Male adapter
36.	2	R14851-03	Feedline Assembly (Soldered) (Includes items #35 & #37)
36.	6	R16322-	Feedline Assembly (soldered) includes item #37)
		-03	Used on P.P.D. Units
		-06	(See note)
37.	12	K51145G01	Flange
38.	12	Q10068-14	O-Ring 1 5/8" x 1 7/8" x 1/8"
39.	2	R11496-	Nipple
		-22	3/4" x 2 1/8" LG. (Use on 21" wide units)
		-24	3/4" x 5 1/2" LG. (Use on 27" wide units)
40.	2	K03608-22	Reducing coupling 1" x 3/4" LG.
40.	2	T14044-03	Discharge Tube Assembly (From A1 & B3) with flange.
	2	T14045-03	Discharge Tube Assembly (From A2 & B2) with flange.
	2	T14046-03	Discharge Tube Assembly (From A3 & B1) with flange.
41.	2	K58558	'U' Bolt 1/4"-20
42.	2	R15085-	Hose Swivel
		-01	1" Hose
		-02	3/4" Hose
-	2	N16891-25	O-Ring (Located in hose swivel) 15/16" x 1 3/16" x 1/8"
-	2	K80612-28	Retaining ring (Located in Hose Swivel) 15/16"
43.	2	N18363-02	Hose (5/8" SIZE, 12' LG.) (With 3/4" Couplings STD.) If different size required, specify on shipping order
44.	4	K14056	Washer 1/4"
45.	54	K50773	Lockwasher 1/4"
46.	4	K01941	Nut 1/4"-20
47.	18	K07565	Bolt 5/16"-18 x 1" LG.
48.	12	K05291	Bolt 5/16"-18 x 3/4" LG.
49.	6	R14025-10	Solenoid Valve Cap

CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
50.	30	K42999	Washer
51.	6	R14848-02	Meter Support Strap
52.	42	K50774	Lockwasher 5/16"
55.	4	Q10413-01	Tee fitting (Flared) (Used on STD. units)
55.	2	Q10976-01	Tee fitting (Flared) (Used on preset units)
56.	2	K48749	SU. HD. Pipe Plug 1/8" (Used on STD. Units)
57.	24	K43625	Bolt 1/4"-20 x 3/4" LG.
58.	6	Q10068-08	O-RING 1 3/16" x 1 7/16" x 1/8"
59.	1	K02281	Pipe Plug 1/2" (1 Used on preset units)
60.	1	T12033	Inlet tube assembly (R.H.)
60.a.	2	N21591	Inlet Tube Ass'y. (Right valve: Bottom Tee)
		*R16383	
60.b.	2	N21592	Outlet Tube Ass'y. (Right valve: Top Tee)
		*R16385	
60.c.	2	R16320	Inlet Tube Ass'y. (Center Shut-off valve: Bottom Tee)
		*R16381	
60.d.	2	R16321	Outlet Tube Ass'y. (Center Shut-off valve: Top Tee)
		*R16382	
60.e.	2	K90993	Inlet Tube Ass'y. (Left Shut-off valve: Bottom Tee)
60.f.	2	K90992	Outlet Tube Ass'y. (Left Shut-off valve: Top Tee)
61.	1	T12034	Outlet Tube Assembly (R.H.)
62.	1	R14704	Outlet Tube Assembly (L.H.)
63.	1	R14703	Inlet Tube Assembly (L.H.)
64.	6	N20424	Valve Cap (Strainer End)
65.	6	Q10068-24	O-Ring 2 7/8" x 3 1/8" x 1/8"
66.	6	N18957	Filter Screen
67.	54	K43625	Hex Hd. Bolt 1/4"-20 x 3/4" LG.
68.	6	W01454-11	Filter and Solenoid Base
69.	2	K89682	Coupling
70.	4	N16599-65	Washer
71.	4	K89681	HEX. Locknut 1/2"
72.	1	T12623-02	Conduit and Wire Assembly
72.	1	T14041-02	Conduit and Wire Assembly ('A' Side) (Main Junc. Box)
72.	1	T14041-01	Conduit and Wire Assembly ('B' Side) (Aux. Junc. Box)
73.	1	T12623-01	Conduit and Wire Assembly
73.	2	K42448	Conduit elbow (1/2" M. & F.)
74.	1	R16416-G1**	I.S. Barrier Assembly (5" LG.) (Released 10/6/80)
74.	1	R15225	** I.S. Barrier Assembly (2" LG.)
75.	2	K49827	Faced Reducing Bushing (3/4" x 1/2")
76.	2	W01452-10	Junction Box Cover
77.	2	W01453-16	Junction Box
78.	6	K18775	Nipple 1/2" x 1 1/8" LG.
79.	6	N20822	ITT Solenoid Valve
80.	1	Q10008-02	Straight Fitting
80.a.	3	Q10001-02	Elbow fitting
81.	1	R14028-03	Junction Box Strap
82.	2	R14027	Strainer, Regulator Mounting Plate
83.	18	K45523	Bolt 5/16" -18 x 7/8" LG.
84.	1	N20433	Strainer Plate Support
85.	2	R11493-45	Nipple 1 1/2" x 6 15/16" LG. (Used on 2 product units)
85.	2	R11495-66	Nipple 1" x 3 1/8" LG. (Used on 1 product units)
85.	2	K78480-31	Nipple 1 1/2" x 7" LG. (Use with K78479-20 Dresser Coupling, on 1 product units)
85.	6	R11495-23	Nipple (1" x 2 3/8" lg.)
85.	6	R11495-42	Nipple (1" x 3 1/2" lg.)
86.	1/2	K12179	STD. Female Union 1 1/2" (1 Used on 1 product & 2 used on 2 product units)
86.	1/2	K78479-20	Dresser Coupling 1 1/2" (Not shown) (1 used on 1 product & 2 used on 2 product units)
87.	6	K07799	Reducing Hex Hd. Bushing 1 1/2" x 1" (Used on 1 product units)
88.	6	K51145-01	Flange 1"
89.	6	Q10068-15	O-Ring 1 3/4" x 2 1/8"
90.	1	T10959-10	Manifold
90.	1	T10959-12	Manifold (5 3/4" wide to 6")

* Used on Units with all 4 flanges of Lower Shelf bent down.

** If replacement required; Order same symbol no. as sticker shows on I.S. Barrier. R15226-Pumps "FK" or earlier R16416-G1-Pumps "GK" or later



PUT DOWN PARTS

PLATE 28

Code No.	No. Req.	Symbol No.	Description
1	6	R16355	Put-Down Rub Strip
2	20	Q10971-01	Black Oxide Sst Rd. Hd. Screw (10 - 16 x 3/8" Lg.)
3	2	T14066	Put-Down Bottom Plate Assy.
4	2	T14178	Put-Down End Cap (L.H.)
-	2	T24174	Put-Down End Cap (R.H.) (Not Shown)
5	12	K05287	Bolt (1/4 - 20 x 1/2" Lg.)
6	24	K01941	Nut
7	24	K50773	Lockwasher
8	24	K14830	Bolt (1/4 - 20 x 5/8" Lg.)
9	2	T14058	Put-Down Assy. Welded
10	18	K02217-20	Lockwasher
12	6	N21605-01	Pivot Pin Bracket
15	6	N21203	Switch Rod
16	6	K80589-02	Stud
17	6	K82468-32	Retaining Ring
19	6	K76238-37	Retaining Ring
20	6	K86601-05	Washer
21	6	K89873-03	Switch Lever & Pin Assy.
22	6	K90978	Switch & Bracket Assy. (Released 6/25/81: Type with 2 lead wires)
22	as req.	K34822	Switch Kit (Use only when replacing old switch, prior to 6/81; Type with 2 connector tabs)
23	6	K90975	Includes: item 22 & 2, Q10989-01 in-line splices plus tyrap.
24	6	K90974	Reset Switch Bracket
25	12	K46212	Switch
26	12	Q10111-32	Lockwasher
30	6	K89852	Screw (6 - 32 x 1/4" Lg.)
30	6	K86675	Spring (V/R)
30	6	K86675	Spring (Std.)
35	42	K85736-09	Screw (10-24 x 1/4" Lg.)
37	42	K50866	Starwasher #10
40	6	K89685-01	Plate 'On-Off'

Code No.	No. Req.	Symbol No.	Description
40	6	N21870-01A	Plate "On-Off" (Large graphic design)
41	12	K73578	Rd. Hd. Screw (Type Z4 x 1/4")
45	6	R14915-02	Std. Nozzle Hook & Wrapper Assy. (Includes #46 thru #52)
45	6	R14915-03	V/R Nozzle Hook & Wrapper Assy. (Includes #46 thru #52)
46	6	W01589-10	Put-Down Wrapper Assy.
47	6	R14914-12	Interchangeable Nozzle Hook
47A	As Req.	R15090-10	Leaded Nozzle Hook - (When the 6th position of the Hyd. Model # is B, D, F or H) (Used with V/R nozzles)
47B	As Req.	R15749-10	Unleaded Nozzle Hook - (When the 6th position of the Hyd. Model # is B, D, F or H) (Used with V/R nozzles)
48	6	K89633-02	Lever & Hub Assy.
49	6	K85475-03	Shaft (Drilled)
50	6	K53911	Pin (Groove) 1/8" x 5/8" Lg.
51	12	K86601-07	Washer (For Std. Nozzle Hook)
51	12	K86601-05	Washer (For V/R Nozzle Hook)
52	6	K76071	Pin (Groove) Type #1 (1/8" x 3/4" Lg.)
53	6	R15066	Mounting Plate Nozzle Root
54	6	R14916	Panel Insert (Std.)
55	6	R14918	Nozzle Boot (Std.)
56	6	K02394-36	Carriage Bolt (1/4" - 20 x 5/8" Lg.)
57	6	K89797	Nozzle Boot Retaining Ring
58	6	K50773	Lockwasher
59	6	W01590-10	Nozzle Boot (V/R)
60	6	T12373-02	V/R Insert Panel (L.H.)
61	6	T12373-01	V/R Insert Panel (R.H.)
62	24	K80217	Drive Rivets (For V/R)
63	6	R16318	Wrapper Gasket



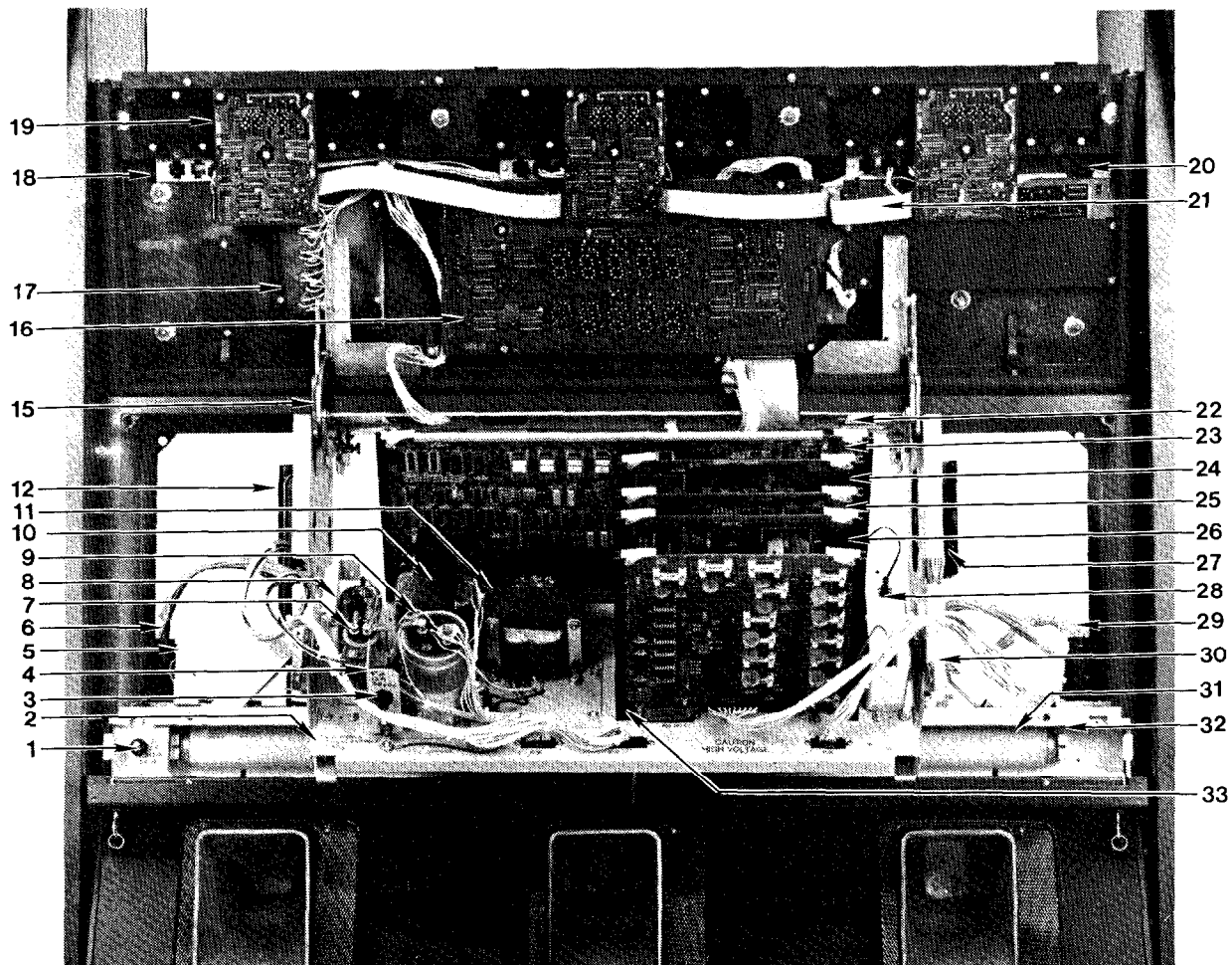
Code No.	No. Req.	Symbol No.	Description
1	2	T14058	Put-Down Assy. (Welded) (Ref.: Plate 28)
2	2	R16000-G1	Carrier Assembly
3	2	R16001-G1	Screened Panel
4	2	R15999-G1	Preset Price Panel Assy. (Includes #2 & #3)
5	2	T13402-	§ Universal Panel
		-G1	Blank
6	2	Q10918-	§ Bezel Kit for MPD-C (Exxon)
6	2	Q10940-	§ Bezel Kit for MPD-2
7	as req.	Q10231-07	Lamp (screw-in)
8	2	W01808	§ One-piece panel (use with T14531 spacer in place of Universal plate and T14532 spacer in place of Far Side Display plate)

Code No.	No. Req.	Symbol No.	Description
9	2	K89699-17	Key
10	2	Q10898-01	Keyswitch
11	2	R16010-G1	Operator Control Panel Cable Assy.
12	2	R15981-G1	Operator Control Panel
13	2	T13692-	§ Far Side Display Panel
		-G1	Blank
14	as req.	R16474-02	Filter window, Large (Lexan)
15	as req.	R16474-01	Filter window, Large (Lexan)
16	2	T13403-	§ P.P.U. Panel
17	2	T13698-G	§ Access Panel Assy. (Does not include brand panel)(Includes hinge)

§ Shipping Order Item, Customer must specify color, wording, option(s), and if bezel has round corners or square corners.

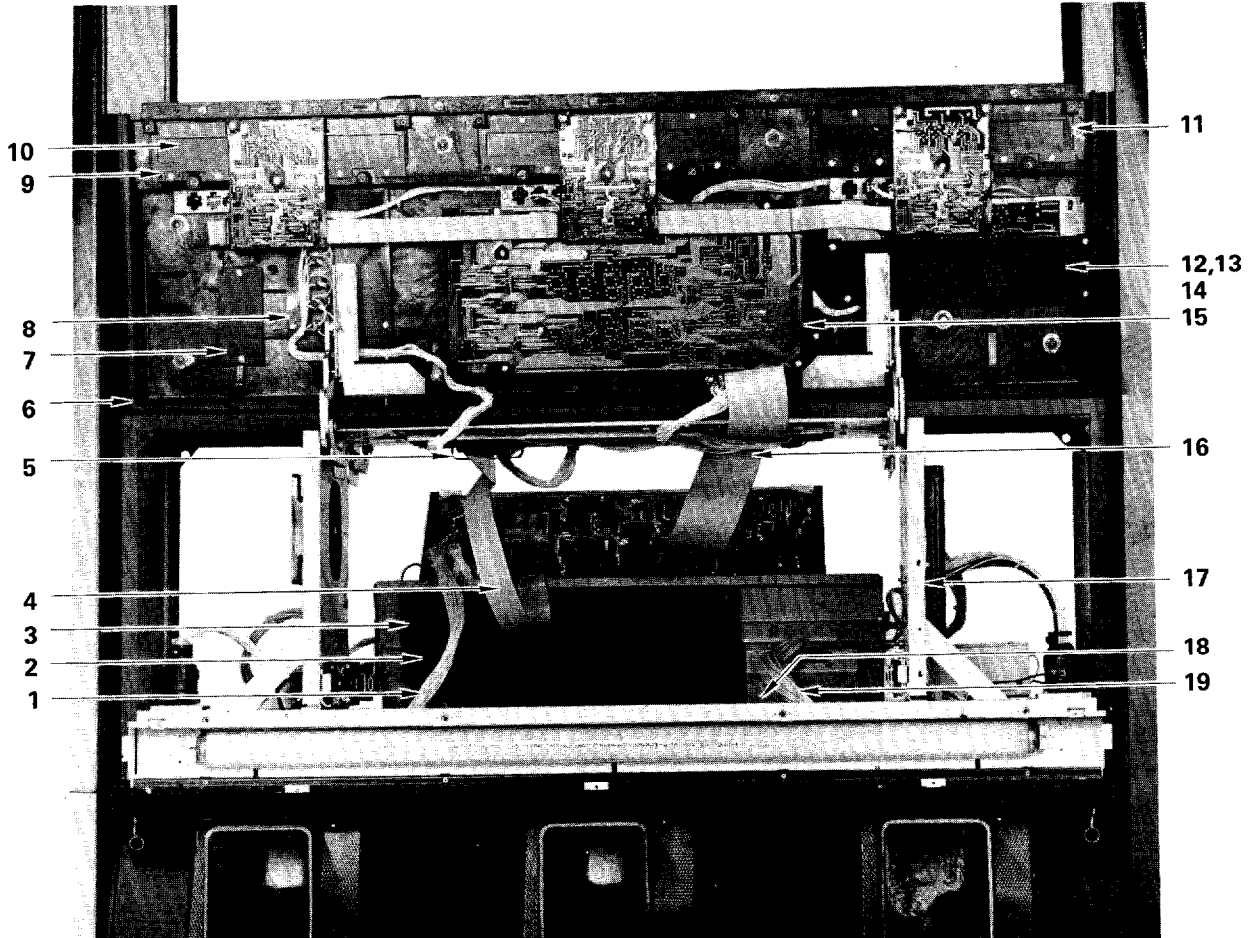
C.D. MODULE DETAILS "A" SIDE

PLATE 31



Code No.	No. Req.	Symbol No.	Description
1	1	Q10131-04	Fuse (3 AG, 5A, 250V, Slo-Blo)
2	1	T13408-G1	Elec. Chassis Assy. (Includes Motherboard, Slide Support and associated hardware)
3	1	Q10592-03	Fuse (8 AG, 12A, 32V)
4	1	T13672-G1	Pwr Supply Assy. (Includes items #3,4 and 7-11)
5	1	R16032-G1	Line Filter Assy.
6	1	T13700-	Left Input Cable Assy. (P401)
		-G1	Standard
		-G2	"B" Side Only
7	1	Q10271-22	Cap (260 uf, 350 VDC)
8	1	Q10882-01	Cap (3 uf, 440 VAC)
9	1	Q10271-09	Cap (26,000 uf, 30 VDC)
10	1	Q10891-01	Transformer (60 Hz)(T2)
11	1	Q10893-01	Transformer (60 Hz)(T1)
12	1	Q10883-01	Ballast (60 Hz)
15	2	T13678-	Hinge Assembly
		-G1	Left
		-G2	Right
16	2	W01524-G1	Main Display Bd.
17	2	R16007-G2	Pump Preset Panel (Includes wires)
17	2	R16008-G2	Key Control Assy. Includes wires (Not shown)

Code No.	No. Req.	Symbol No.	Description
17	2	R16006-G2	Cash/Credit Panel Assy. (Includes wires) (Not shown)
18	2	T13699-G1	Display Pwr. Cable
19	As Reg.	T13372-G1	PPU Display Bd.
20	2	T13375-G1	Far Side Display Bd.
21	2	T13702-	PPU Ribbon Cable
		-G1	Dual
		-G2	Single
22	1	W01523-G1	Logic Bd.
23	1	T13366-G1	Customer Option Bd.
24	1	T13360-G1	Interface Bd.
25	1	T13363-G1	Regulator Bd.
26	1	T13369-G1	Relay Bd.
27	1	Q10355-04	Fan
28	1	Q10670-01	Battery
29	1	T13701-	Right Input Cable (P402)
		-G1	Standard
		-G2	"B" Side Only
30	2	R15985-	Slide Support
		-G1	Left
		-G2	Right
31	2	N21144-G2	Modified florescent Lamp
32	4	K87111	Light Socket
33	10	R15969	Card Guide

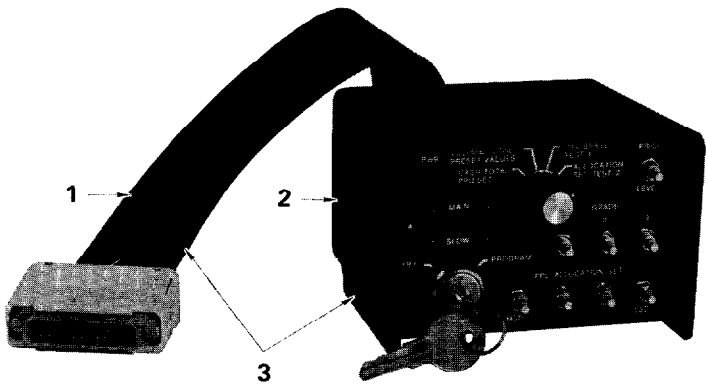


Code No.	No. Req.	Symbol No.	Description
1	1	R16016-	Customer Option Cable
		-G1	6 hose
		-G2	3 hose
2	1	R16041	Insulator
3	1	T13354-G1	Mother Board
4	1	R16017-	Oper. Cont. Ribbon Cable
		-G1	Standard
		-G2	Single sided
5	2	N21189	Retainer Wire
6	2	R15970	U-Shaped Gasket
7	2	R15961-01	Blank Cash/Credit Panel
7	2	R15967-02	Cash/Credit Gasket
8	2	R15967-01	Pump Preset Gasket
9	18	R15965	PPU Back-Up Plate

Code No.	No. Req.	Symbol No.	Description
10	As Req.	R15960-	Plastic Insert
		-01	Small
		-02	Large
11	20	R15966-01	Small Window Gasket
12	2	R16040	Far Side Display Bd. Insulator
13	2	R15964	Far Side Display Back-Up Plate
14	6	R15966-02	Large Window Gasket
15	2	R15963	Main Display Back-Up Plate
16	1	T13703-	Display Ribbon Cable
		-G1	Standard
		-G2	Single Sided
17	1	Q10449-02	Thermostat
18	1	Q10465-02	Thermostat (Part of Pwr. Supply)
19	1	T13690-G1	Fan & Display Pwr. Cable Assy.

COMMAND MODULE

PLATE 34

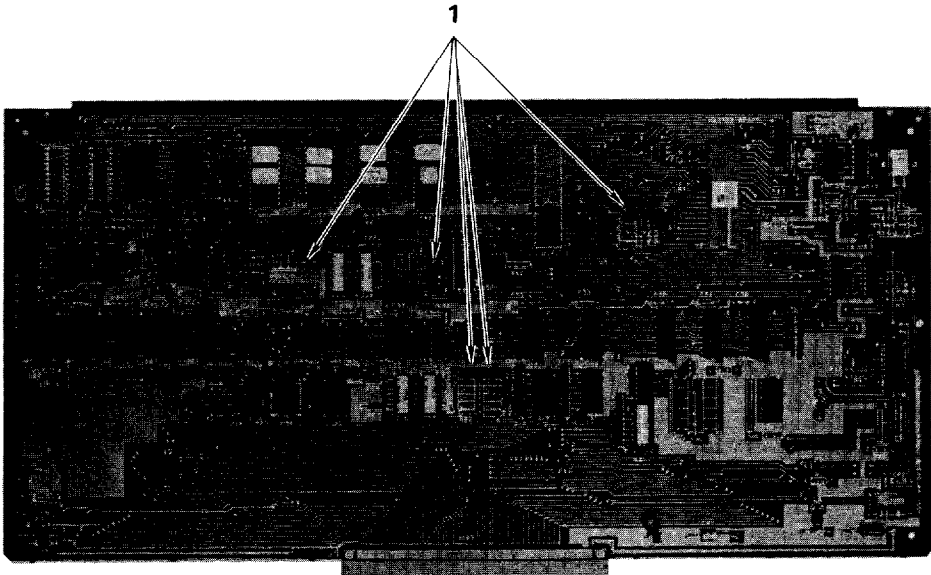


Code No.	No. Req.	Symbol No.	Description
1	1	T12932-G2	Cable Assy. (From Comm. Mod. to Oper. Panel)
2	1	R16023-G1	Command Module
3	1	PA01540000	Command Module Assy. (Includes #1 & #2)

PRINTED CIRCUIT BOARDS

LOGIC P.C.B.
W01523-G1

PLATE 33A

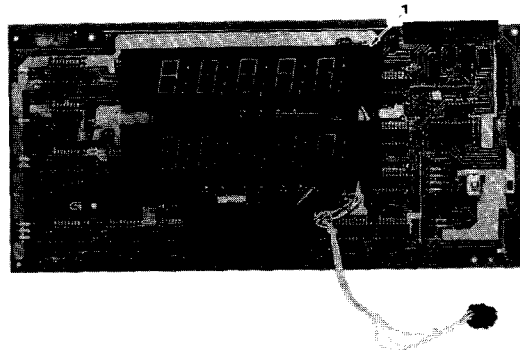


Code No.	No. Req.	Symbol No.	Description
1	19	Q10890-01	Jumper Jack
2	2	Q10884	Card Ejector-Retainer

MAIN DISPLAY P.C.B.

PLATE 33B

W01524-G1

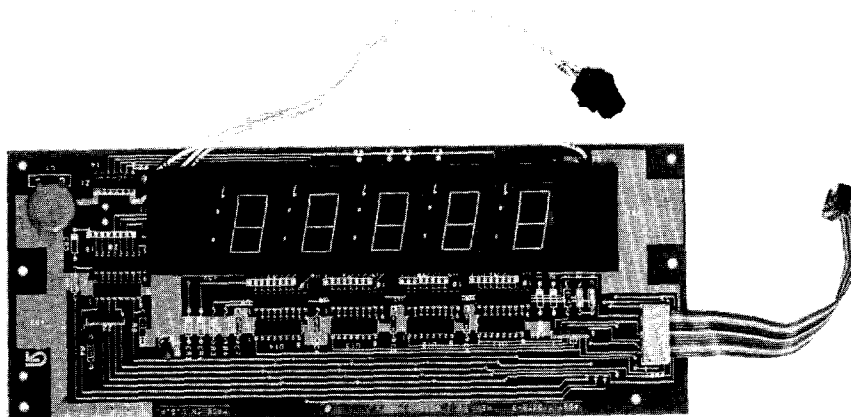


Code No.	No. Req.	Symbol No.	Description
1	1	Q10890-02	Jumper Jack

FAR SIDE DISPLAY P.C.B.

PLATE 33C

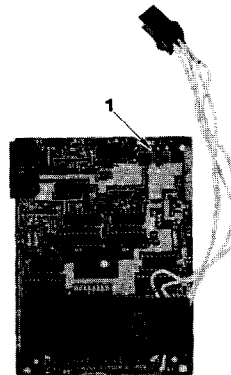
T13375-G1



P.P.U. DISPLAY P.C.B.

PLATE 33D

T13372-G1

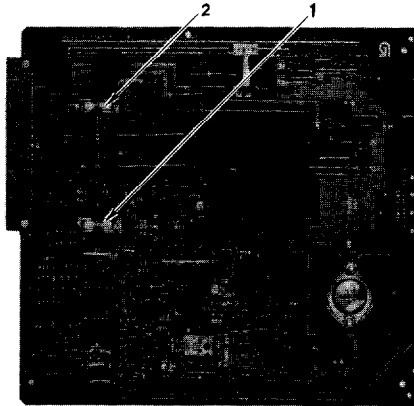


Code No.	No. Req.	Symbol No.	Description
1	3	Q10890-01	Jumper Jack

REGULATOR P.C.B.

PLATE 33E

T13363-G1

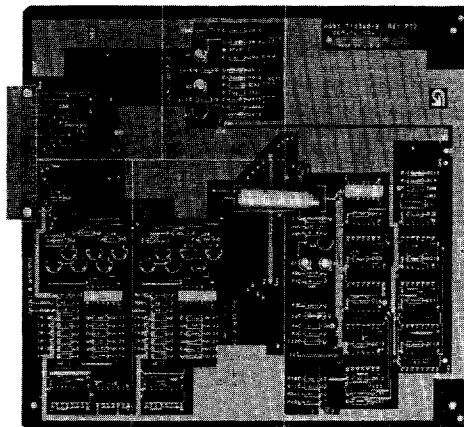


Code No.	No. Req.	Symbol No.	Description
1	1	Q10444-06	Fuse (3A, 32V) (F1)
2	1	Q10444-01	Fuse (.5A, 125V) (F2)
3	2	Q10884	Card Ejector-Retainer

INTERFACE P.C.B.

PLATE 33F

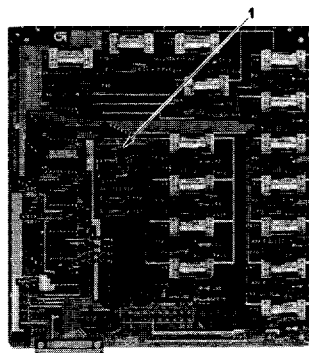
T13360-G1



RELAY P.C.B.

PLATE 33G

T13369-G1

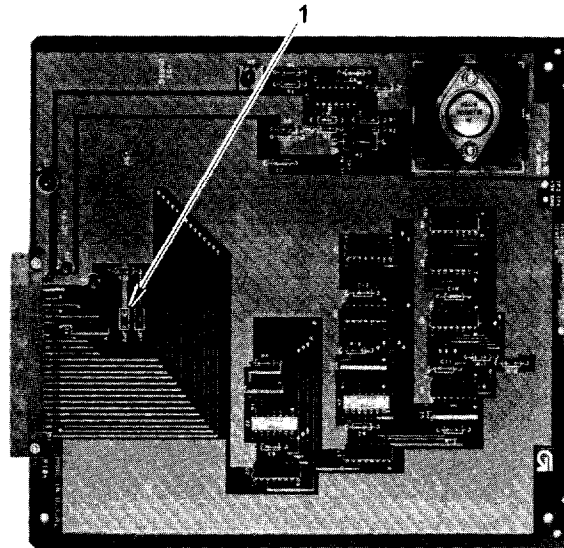


Code No.	No. Req.	Symbol No.	Description
1	1	Q10890-01	Jumper Jack
2	2	Q10884	Card Ejector-Retainer

CUSTOMER OPTION P.C.B.

PLATE 33H

T13366-G1



Code No.	No. Req.	Symbol No.	Description
1	1	Q10890-01	Jumper Jack
2	2	Q10884	Card Ejector-Retainer

MOTHERBOARD

PLATE 33J

T13354-G1

