

Gilbarco

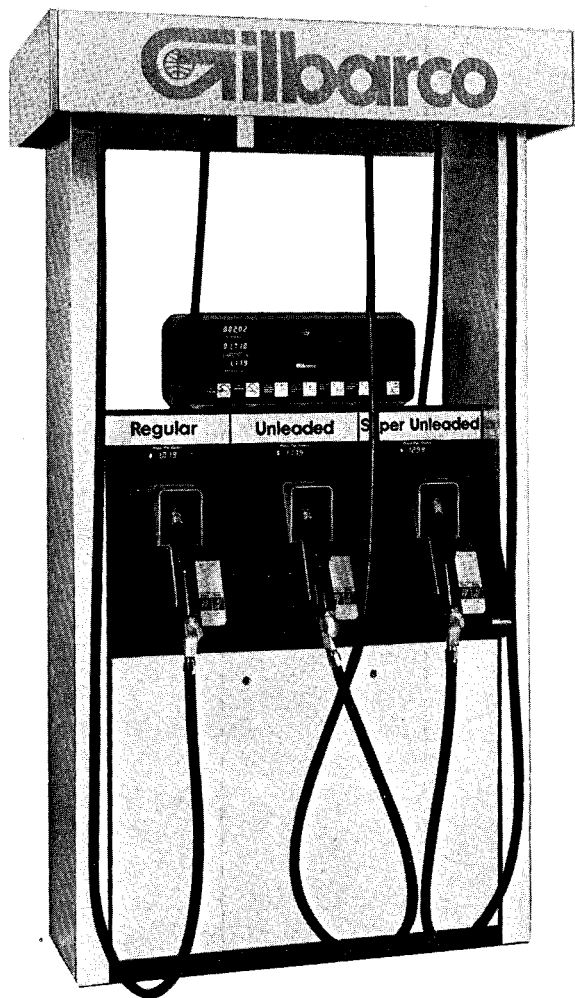
Illustrated

Parts Manual

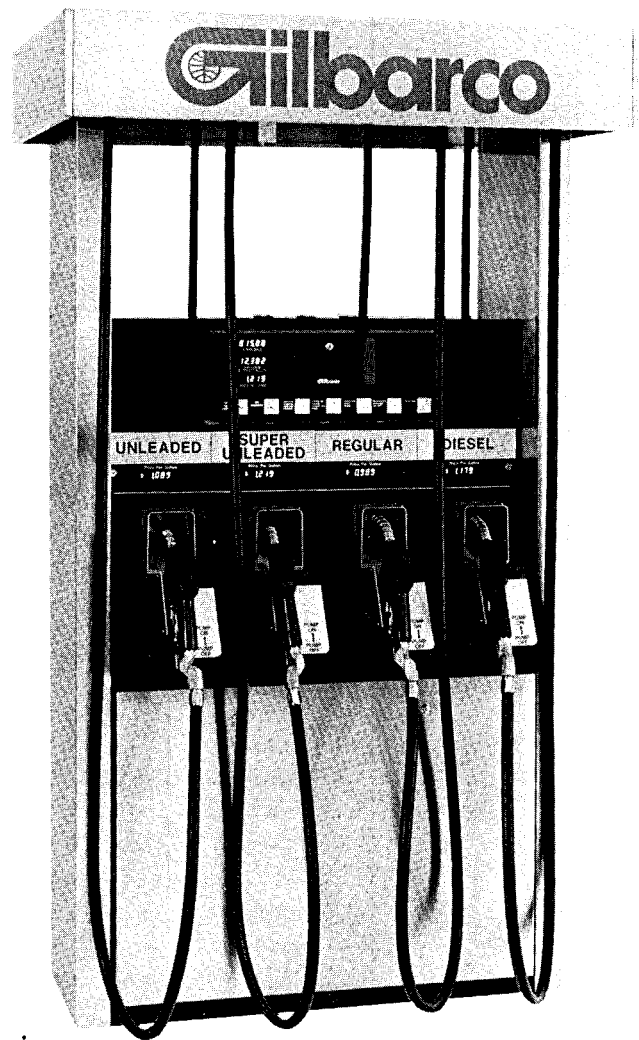
PT1513

MPD 1

Multiproduct Dispenser



6 HOSE



8 HOSE

INDEX

<u>Title</u>	<u>Page</u>	<u>Plate</u>
Model Number Breakdown	1	-
Sheathing, Panels, Canopy	2,3	1
Frame	4,5	2
Hydraulic Section-A-Side (6 Hose)	6,7	3
Hydraulic Section-B-Side (6 Hose)	8,9	4
Hydraulic Section-A-Side (8 Hose)	10,11	5
Hydraulic Section-B-Side (8 Hose)	12,13	6
Frame and Feedline Assembly-6 Hose	14,15	7
Upper Discharge Lines-6 Hose	16,17	8
Frame and Feedline Assembly-8 Hose	18,19	9
Upper Discharge Lines-8 Hose	20,21	10
Vapor Barrier Assembly	22	11
Pilot Valve	23	12
Hydraulic Tree Assembly-3 Product	24,25	13
Hydraulic Tree Assembly-4 Product	26,27	14
Totalizer and Pulser	28,29	15
Solenoid Valve	30	16
Solenoid Valve	31	17,18
Putdown Module Assembly	32,33	19
Junction Box-Pilot Valve Assembly (4 Product)	34	20
Junction Box-Pilot Valve Assembly (3 Product)	35	21
Inlet/Outlet Tube Routing-6 Hose	36	22
Pressure Regulator/Strainer Assembly	37	23
Inlet/Outlet Tube Routing-8 Hose	38,39	24
Electronic PPU Box Assembly	40,41	25
Bezel Assembly	42,43	26
C.D. Module and Electronic PPU Box	44,45	27
C.D. Module-Front (A-Side)	46,47	28
Power Supply-Line Filter- Transformer Assembly	48,49	29
C.D. Module-Rear (B-Side)	50	30
Regulator PCB	51	31,32
Relay PCB	52	33
Z 80 Logic PCB	52	34
Display PCB	53	35
Display PCB-Price Posting	53	36
Display Interface PCB	54	37
Display Last Transaction PCB	54	38
Regulator Panel Assembly	55	39
Logic Panel Assembly	56	40
Key Control Option	57	41
Cash Credit Option	57	42
Pump Preset Option	58	43
Command Module	58	44

WARNING

This equipment generates, uses, and can radiate radio frequency energy and if not installed according to instructions in this manual, may cause interference to radio communications. It has been tested and found to comply with the limits for a Class A computing device pursuant to Subpart J of Part 15 of FCC Rules, which are designed to provide reasonable protection against such interference when operated in a commercial environment. Operation of this equipment in a residential area is likely to cause interference in which case the user at his own expense will be required to take whatever measures may be required to correct the interference.

This document is subject to change without notice. Considerable effort is expended to make it a valuable source of information and reference. However, it is not meant to be a substitute for adequate technical training for those involved in the installation and service of this equipment.

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The MPD-1 uses a 13-digit model number for the Hydraulic Module and an 11-digit model number for the Electronic Module.

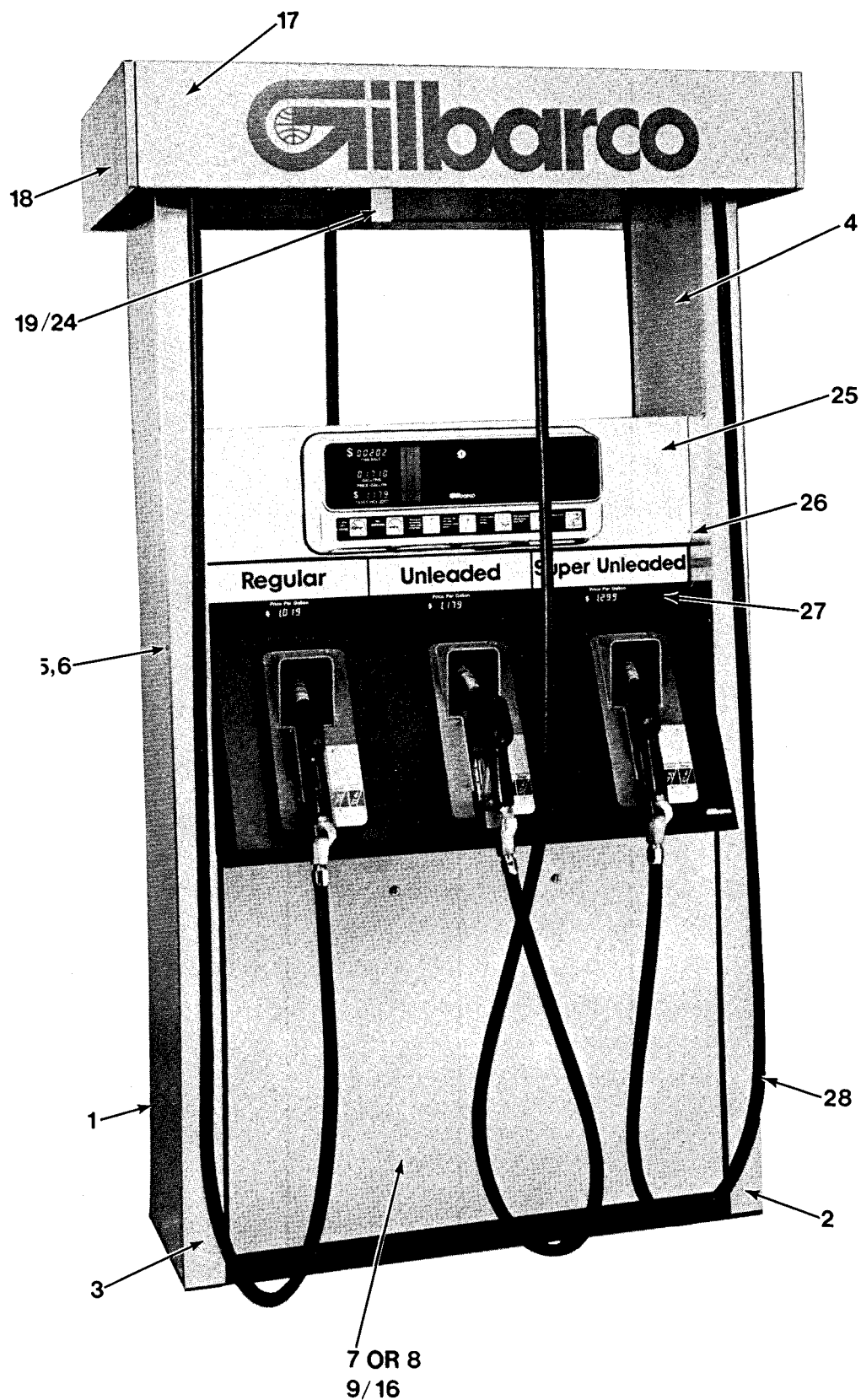
When ordering replacement parts not shown in this manual, give model number and all other information shown on the module's nameplate. When ordering replacement parts shown in this manual give symbol number and description of desired part(s).

Hydraulic Module Model Number Breakdown

	A	C	G	A	E	B	O	A00	00
A. US _____									
C. Electronic Gas Pump _____									
G. MPD-2/C _____									
A. Dispenser - Std. Gallonage _____									
E. Multiproduct (6) Meters, (3) Products _____									
J. Multiproduct (3) Meters, (3) Products (1 Sided)									
W. Multiproduct (8) Meters, (4) Products									
X. Multiproduct (4) Meters (4) Products (1 Sided)									
J. Vapor Recovery Nozzle Boot, Std. Hook, with Totalizer - U.S. Gallon									
K. Vapor Recovery Nozzle Boot, Std. Hook, with Totalizer - U.S. Gallon									
B. Preset, Less V.D.I. _____									
O. Original Release _____									
F. Fifth Major Revision (Universal Hydraulics)									
H. Universal Hydraulics (For Use with Co-Axial Vapor Recovery Hose & Nozzle)									
J. Universal Hydraulics (Value Analyzed)									
K. Universal Hydraulics Co-Axial (Value Analyzed)									
L. 8 METER HYDRAULICS									
A00. Less C/D Module, Less Vapor Recovery Piping _____									
B00. Less C/D Module, With Vapor Recovery Piping									
C00. Less C/D Module, With Vapor Recovery Piping Plugged									
D00. Less C/D Module, With Vapor Recovery Piping (3) Positions- R.H. Position Non-Vapor									
O. Minor Variations _____									
O. Minor Variations									

Electronic C.D. Module Model Number Breakdown

	C	P	A	0	1	8	6	0	0	0	0
C.D. Module _____											
MPD-1											
Hose Configuration _____											
0. 6 Hose (2 Sides)											
1. 3 Hose ("A" Side)											
2. 8 Hose (2 Sides)											
3. 4 Hose ("A" Side)											
0. Standard _____											
0. Standard _____											
Options _____											
0. Standard											
1. Key Control											
2. Cash Credit											
3. Pump Preset											

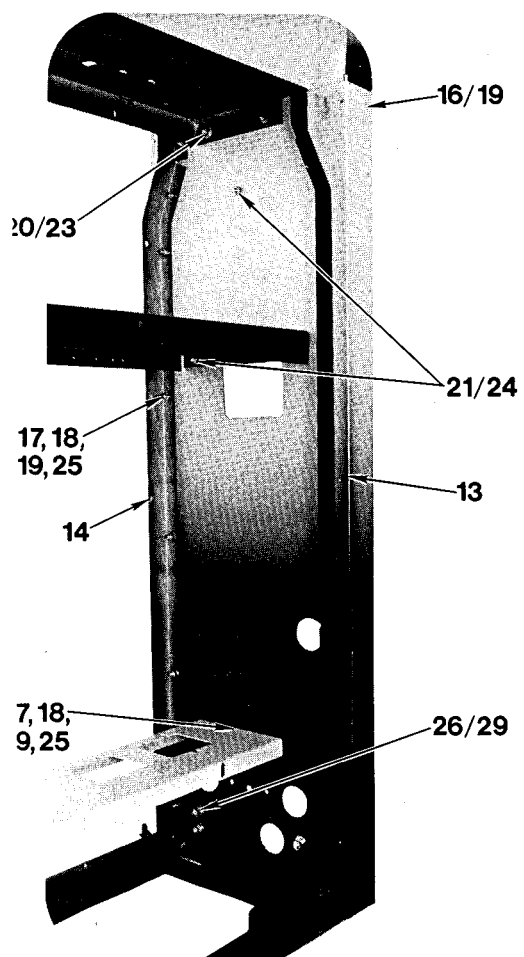
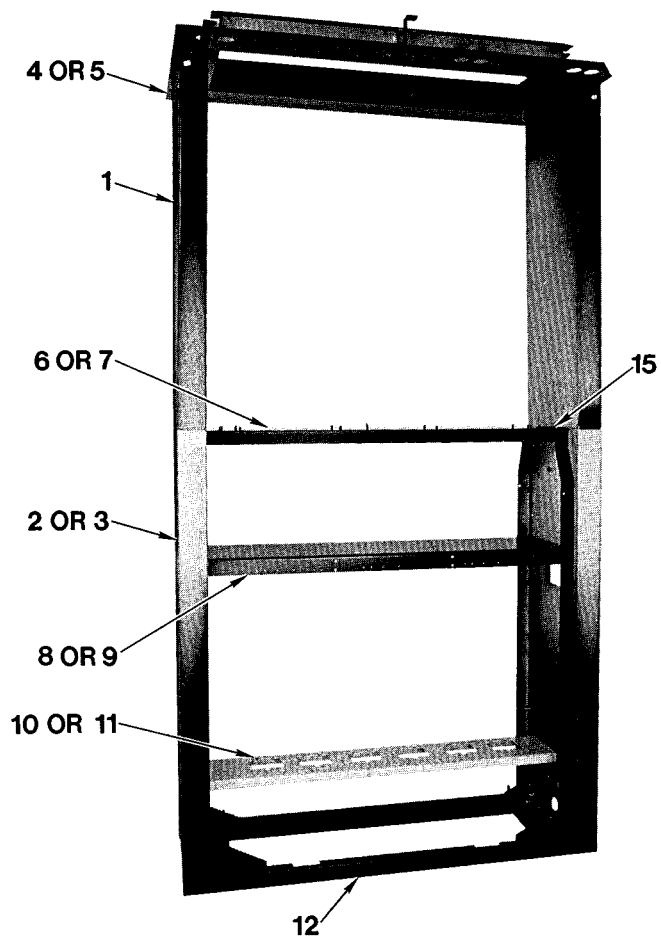
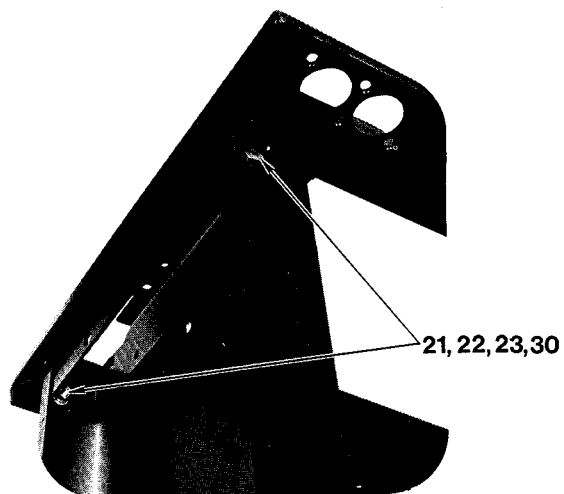


CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1.	2	T14053	Column Sheathing, Outer cover-sst
	2	T14053-01	Column Sheathing, Outer cover-crs
	2	T14462	Column Sheathing, Outer cover, Upper - crs
	2	T14463	Column Sheathing, Outer cover, Lower-crs
2.	2	T14054	Column Sheathing, End Cap, RH sst
	2	T14054-01	Column Sheathing, End Cap, RH-crs
	2	T14460	Column Sheathing, End Cap, RH, Upper, crs
	2	T14459	Column Sheathing, End Cap, RH, Lower, crs
3	2	T14055	Column Sheathing, End Cap, LH-sst
	2	T14055-01	Column Sheathing, End Cap, LH-crs
	2	14458	Column Sheathing, End Cap, LH, Upper-crs
	2	T14461	Column Sheathing, End Cap, LH Lower-crs
4	2	T14056	Column Sheathing, Inner cover,sst
	2	T14056-01	Column Sheathing, Inner Cover-crs
5	40	Q11103-01	Screw, P HD, s stl No. 10-32x1/2 LG
6	40	K90997	Washer, nylon
7	2	T14069-02	+Lower Panel Assy - crs (includes Items 9-12, 14-16.)
8	2	T14069-04	+Lower Panel Assy - s stl (includes Items 9-11, 13-16.)
9	2	K83512	Panel Lock
10	2	K83382	Spring
11	6	K83513	Nylon washer
12	2	K83513-10	Nylon Washer
13	2	K92873	Escutcheon Washer
14	4	K85356	Bumper
15	2	K91343	Pin
16	2	K76238-22	Snap Ring
17	2	T14007-xx	+Canopy Top, Front & Rear
18	2	T14008-xx	+Canopy Top, Side
19	6	N21582	+Canopy Bracket Strip
20	6	R16584	+Canopy Bracket
21	24	K14830	Bolt, Hex, 1/4-20x 5/8 lg
22	24	K50773	Lockwasher, Split, 1/4
23	54	K65235-20	Flatwasher, 1/4
24	12	K01941	Nut, Hex, 1/4-20
25	2	T15801	Accessory Panel (Ref. (See Plate 26)
26	4	Q11467-02	Screw,Phillips,P.Hd, s stl. No.6-32x3/8 Lg (Ref.See Plate 26)
27	2	T16029-xx	PPU Display Panel (see Plate 25)
28	*	N18731-15	+Hose, 5/8 x 10'6"
	*	R18040-03	+Co-Axial Hose,10'6"(V/R Models)

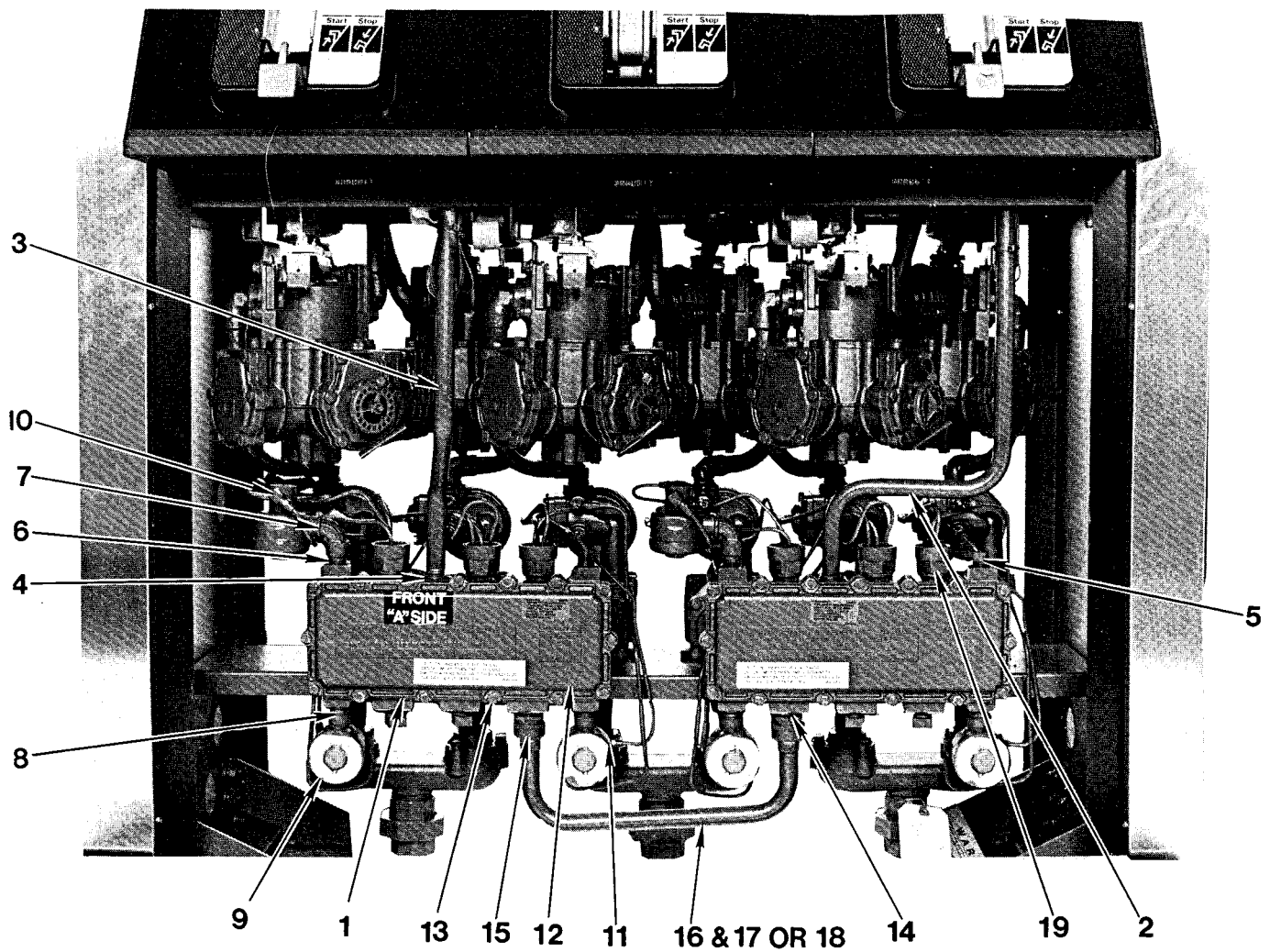
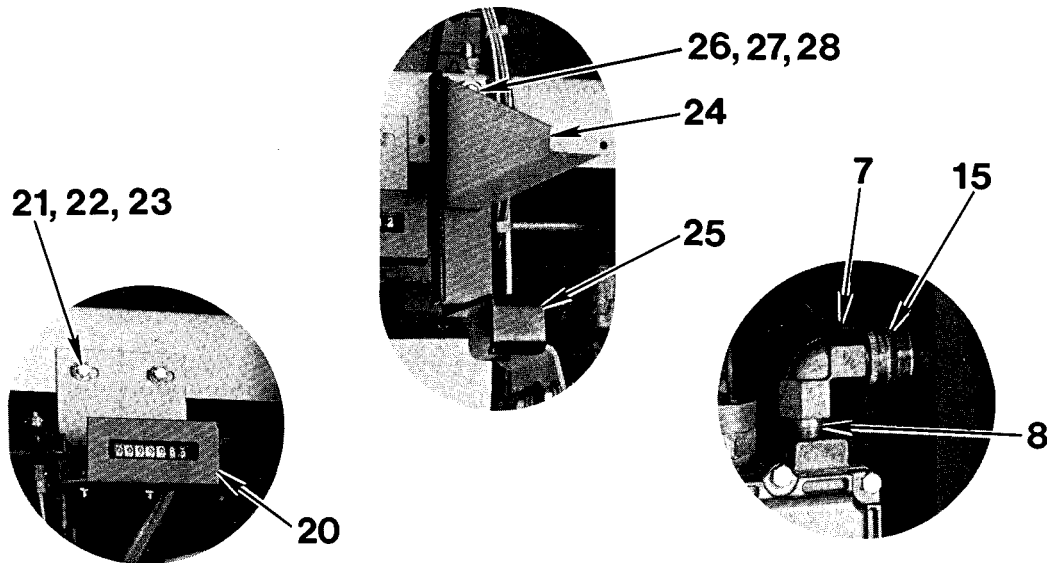
+ Shipping Order Item

* Quantities vary with model

NOTE: Quantity for Items 9 thru 16 is for 1 Panel.

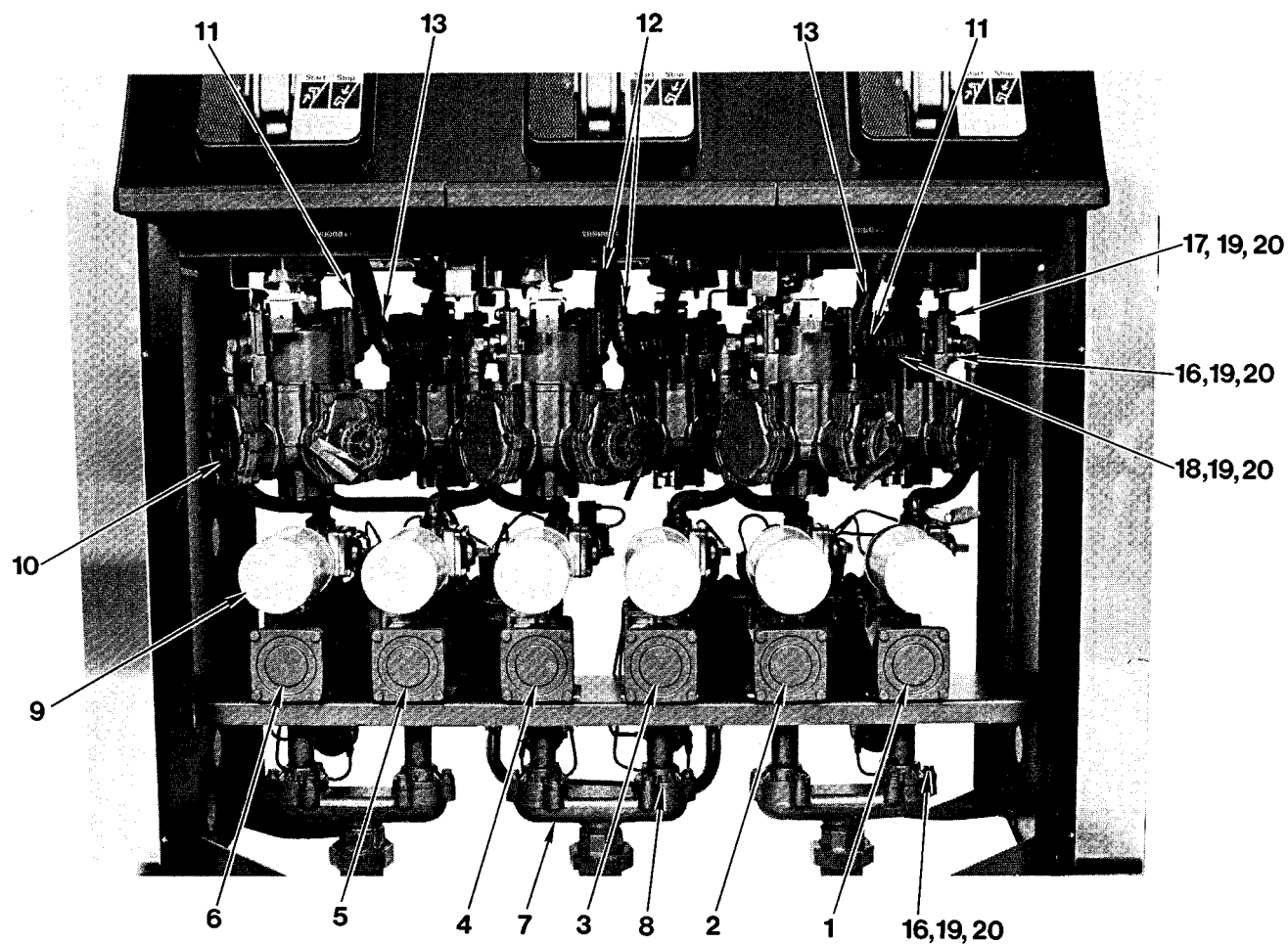


CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
-	-	T15946-03	Frame Assembly (6 Hose Models) Includes Items 1, 2, 4, 6, 8, 10, 12-30)
-	-	T15946-04	Frame Assembly, (8 Hose Models) (Includes Items 1, 3, 5, 7, 9, 11, 12-30)
1.	2	T15945	Upper Column Assy.
2	2	T15944	Lower Column Assy.
3	2	T15944-01	Lower Column Assy
4	1	T15931-02	Support Housing Assy.
5	1	T16119-02	Support Housing Assy.
6	1	T15937	Vapor Barrier Assy.
7	1	T16131	Vapor Barrier Assy.
8	1	T14024-01	Meter Shelf
9	1	T16117	Meter Shelf
10	1	T14423	Lower Shelf (Hyd. Tree)
11	1	T16118	Lower Shelf (Hyd. Tree)
12	1	T14016	Base Assy.
13	2	T14028	Reveal Bracket, RH
14	2	T14029	Reveal Bracket, LH
15	2	K91305	Frame Seal
16	12	K83677-28	Stud, Self Clinching, No. 1/4- 20 x 3/4 Lg.
17	16	K01941	Nut, Hex, No. 1/4-20
18	16	K14056	Washer 1/4
19	16	K50773	Lockwasher, 1/4 heavy
20	8	K07565	Bolt, Hex Hd, No. 5/16-18 x 1 Lg.
21	18	K01942	Nut, Hex No. 5/16 x 18
22	18	K66872-01	Washer, 5/16
23	18	K50774	Lockwasher, 5/16, Heavy
24	6	Q10624-01	Screw, Hex Hd, No. 5/16 - 18 x 3/4 Lg.
25	4	K43625	Bolt, Hex Hd, 1/4 - 20 x 3/4 Lg.
26	12	K47659	Bolt, Hex Hd, 3/8 - 16 x 7/8 Lg.
27	12	K01943	Nut, Hex No. 3/8 x 16
28	12	K02206	Washer, 3/8
29	12	K50775	Lockwasher, 3/8 Heavy
30	8	K83759-23	Bolt, Tee, No. 5/16 - 18 x 1 Lg.



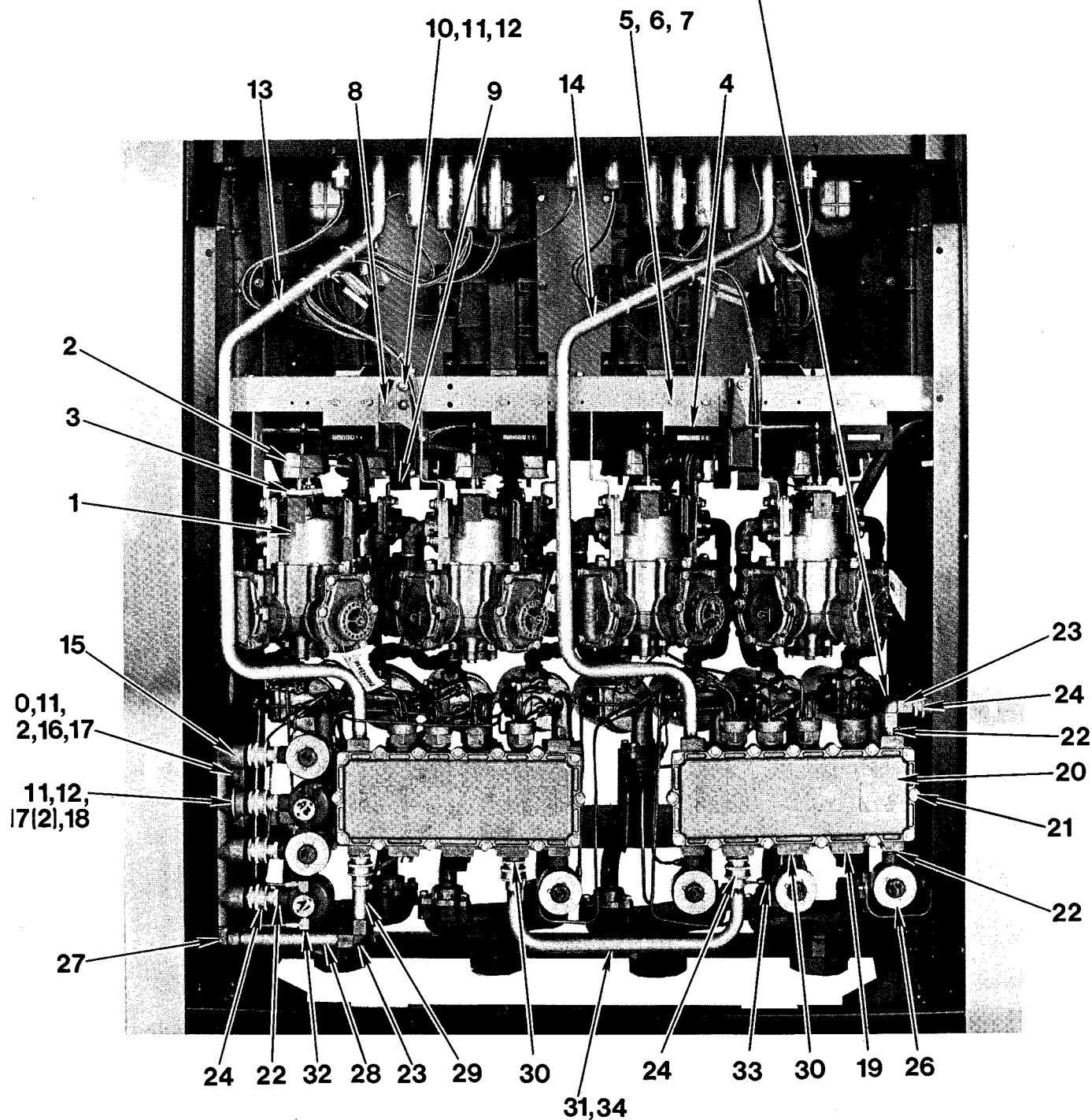
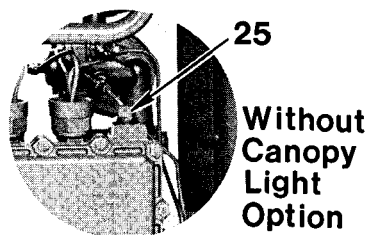
CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1	2	W01453-16	Junction Box
2	1	T14041-01	Conduit & Wire Assy.
3	1	T14041-02	Conduit & Wire Assy.
4	2	K49827	Bushing Faced Reducer 3/4 x 1/2
5	*	K02281	Pipe Plug, 1/2
6	2	K43031	Conduit Nipple 1/2 x 1 3/8
7	2	K42428	Conduit Elbow, 1/2 x 90°
8	4	K18775	Conduit Nipple 1/2 x 1-1/8
9	6	N20822	Solenoid Valve
10	10	Q10001-02	Elbow 3/16 x 90°
11	2	Q10008-02	Straight Fitting 3/16
12	2	W01452-10	Junction Box Cover
13	30	K43625	Bolt, Hex Hd, 1/4-20 x 3/4 Lg.
14	2	K49827-20	Bushing Faced Reducer, 1 x 1/2
15	*	Q10016-04	Conduit Union, 1/2
16	1	K90909	Conduit Crossover
17	1	K90910-01	Junction Box Jumper Wires
18	1	K90910-02	Junction Box Jumper Wires (with Canopy light option)
19	-	N20475-xx	Pilot Valve Assy (Ref. See Plate 12)
20	6	R16581-xx	Totalizer to Bracket Assy (Ref. See Plate 15).
21	12	Q10112-01	Screw, Tapping, Hex Hd, No.10 32 x 1/2 Lg.
22	12	K50866	Lockwasher No. 10
23	12	K65235-22	Washer, No 10
24	4	T14064	Bracket
25	4	T14065	Bracket, Fastening
26	8	K14830	Bolt, Hex Hd, 1/4 - 20 x 5/8 Lg.
27	8	K50773	Lockwasher, 1/4 Heavy
28	8	K01941	Nut, Hex, 1/4 - 20

* Quantities vary with Model.

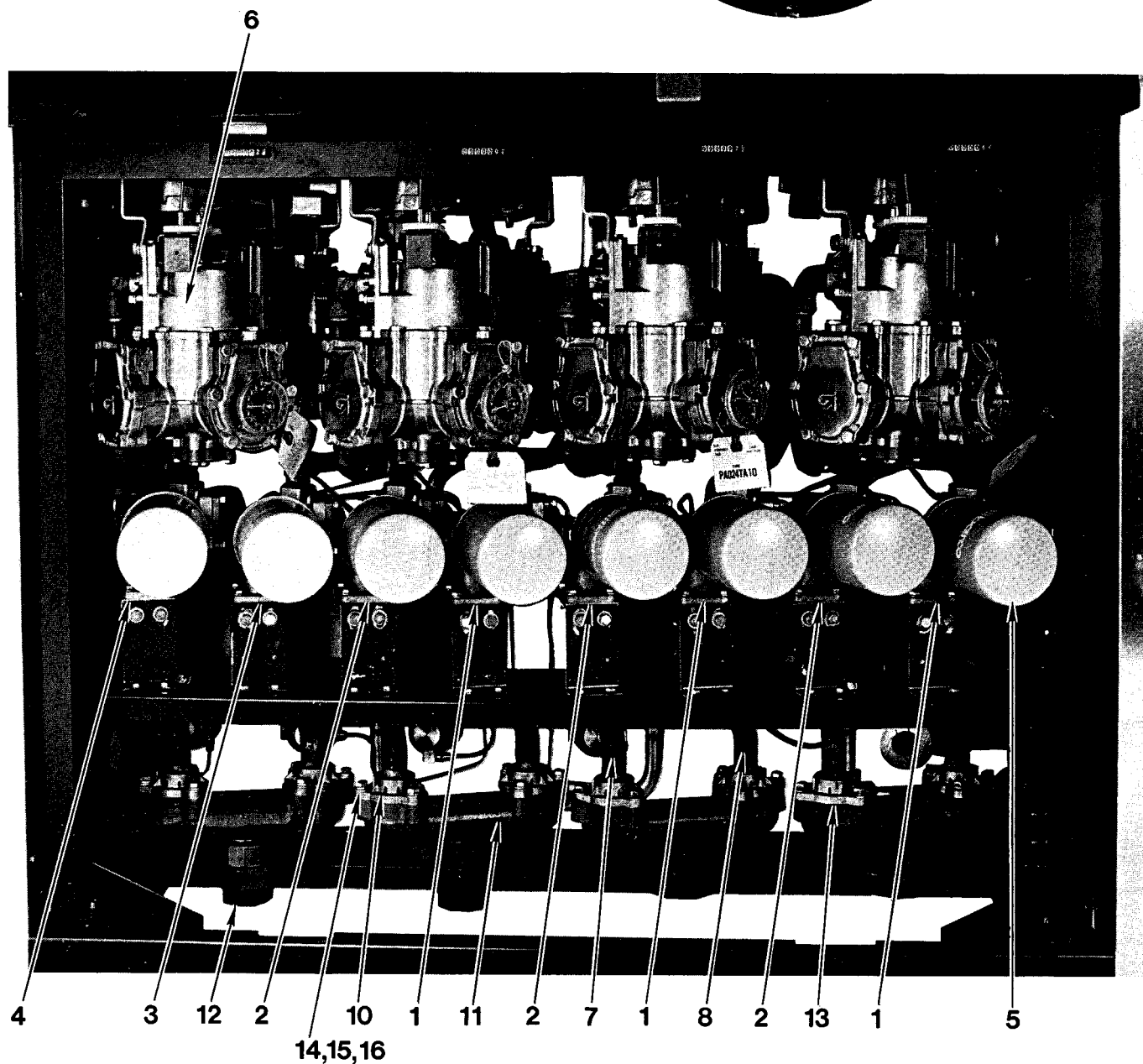
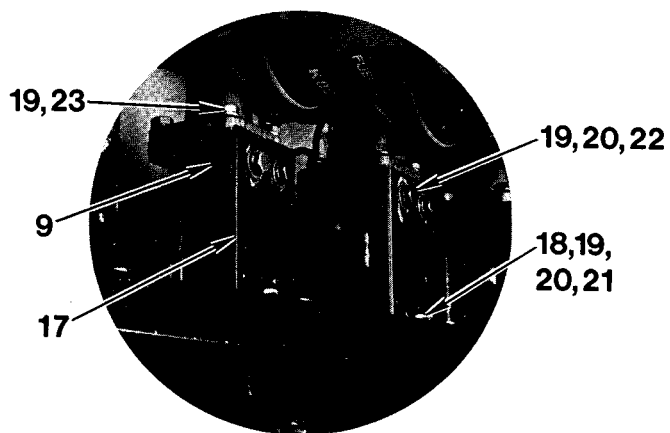


CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1.	1	WD1609-15	Hyd. Tree Assy. (A1) (See Plate 13)
2	1	WD1609-16	Hyd. Tree Assy. (B1) (See Plate 13)
3	1	WD1609-17	Hyd. Tree Assy. (A2) (See Plate 13)
4	1	WD1609-18	Hyd. Tree Assy. (B2) (See Plate 13)
5	1	WD1609-19	Hyd. Tree Assy. (A3) (See Plate 13)
6	1	WD1609-20	Hyd. Tree Assy. (B3) (See Plate 13)
7	3	N20514-03	Manifold/Union Assy.
8	6	Q10068-15	O-Ring
9	*	K82584	Filter, Std Type (Blue with white lettering)
-	*	N21611	Filter, water alert type (White with blue lettering)
10	6	PA024TA10	Disp. meter (Ref., See Plate 15)
11	2	T14044-03	Discharge Line Assy., A1 & B3
12	2	T14045-03	Discharge Line Assy., A2 & B2
13	2	T14046-03	Discharge Line Assy., A3 & B1
14	6	R14848-02	Meter Support Bkt.
15	12	Q10068-14	O-Ring
16	36	K45523	Bolt, Hex 5/16 - 18 x 7/8 Lg.
17	24	Q10624-01	Screw, Hex 5/16 - 18 x 3/4 Lg
18	18	K07565	Bolt, Hex 5/16 - 18 x 1 Lg.
19	78	K50774	Lockwasher, 5/16 Heavy
20	78	K42999	Washer, Burr 5/16

* Quantities vary with Model.

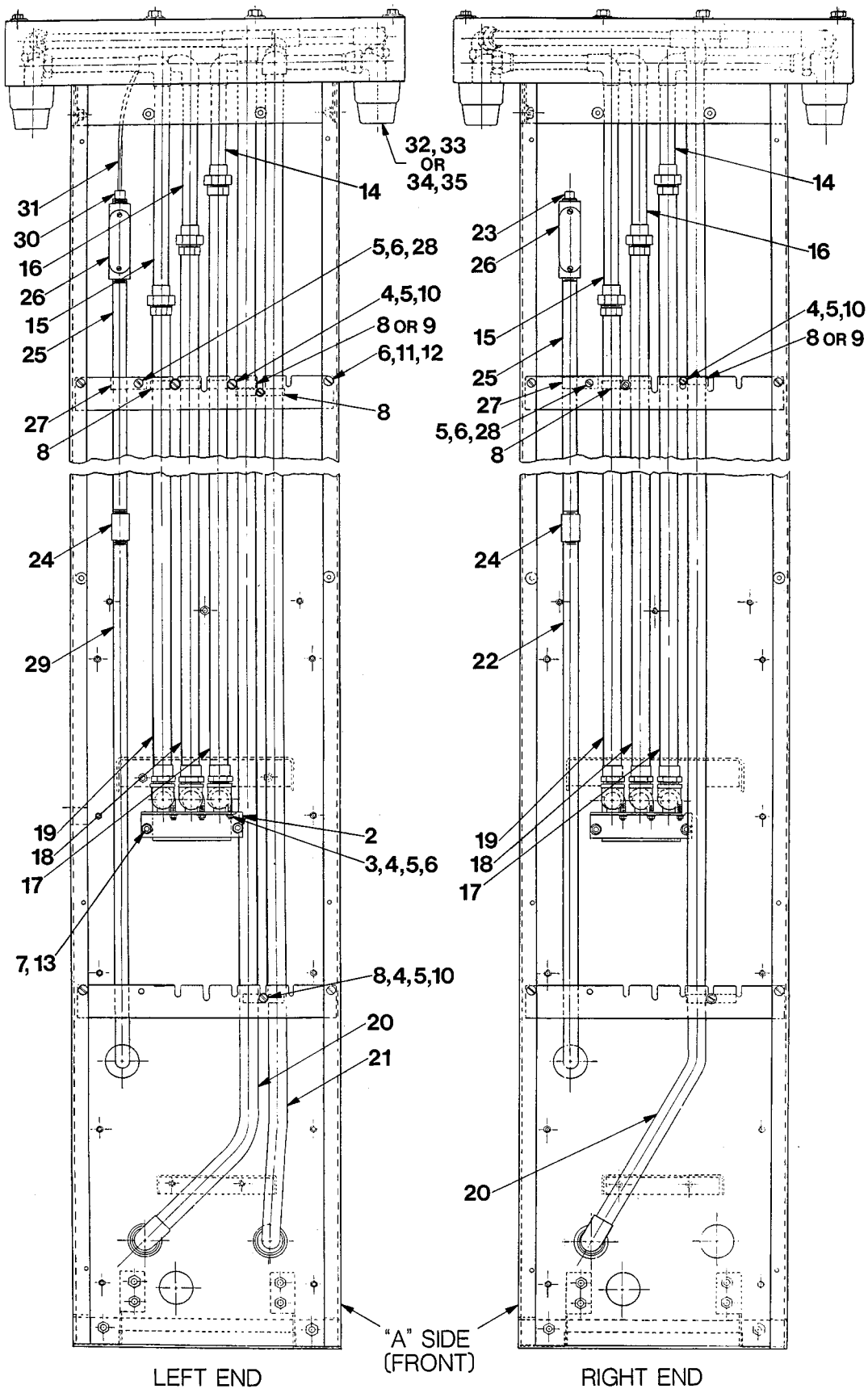


CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1.	8	PA024TA10	Disp. Meter (Ref. See Plate 13)
2	8	T15311-G4	Pulser Assy.(Ref. See Plate 13)
3	8	R15882	Gear & Bracket Assy. (Ref. See Plate 13)
4	8	R16581-xx	Totalizer to Bracket Assy. (Ref. See Plate 13)
5	16	Q10112-01	Screw, Tapping, Hex Hd No. 10-32 x 1/2 Lg.
6	16	K50866	Lockwasher, No. 10
7	16	K65235-22	Washer, No. 10
8	4	T14064	Bracket
9	4	T14065-01	Bracket, Fastening
10	10	K14830	Bolt, Hex Hd, 1/4-20 x 5/8 Lg.
11	12	K50773	Lockwasher, 1/4 Heavy
12	12	K01941	Nut, Hex, 1/4 - 20
13	1	T16149-02	Conduit & Wire Assy.
14	1	T16149-01	Conduit & Wire Assy.
15	1	R17627-10	Conduit Manifold
16	1	N22757	Manifold Bracket
17	1	K14056	Washer, 1/4
18	1	K67996-06	U-Bolt, 1/4 - 20
19	2	W01453-22	Junction Box
20	2	W01452-10	Junction Box Cover
21	30	K43625	Bolt, Hex Hd, 1/4 - 20 x 3/4 Lg.
22	7	K18775	Conduit Nipple, 1/2 x 1-1/8
23	2	K42428	Elbow, 1/2
24	8	Q10016-04	Conduit Union, 1/2
25	1	K02281	Pipe Plug, 1/2
26	8	N20822	Solenoid Valve
27	1	K42448	Elbow 1/2
28	1	R11976-29	Conduit Nipple, 1/2 x 6-1/2 Lg
29	1	R11976-23	Conduit Nipple 1/2 x 2-3/4 Lg
30	3	K49827-20	Reducer Bushing 1 x 1-1/2
31	1	K93011	Conduit Crossover
32	15	Q10001-02	Elbow, 3/16 x 90°
33	1	Q10008-02	Straight Fitting, 3/16
34	1	K93012	Junction Box Jumper Wires



CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1.	3	T16138-01	Hyd. Tree Assy. (A1,A2,A3) (See Plate 14)
2	3	T16138-02	Hyd. Tree Assy. (B1,B2,B3) (See Plate 14)
3	1	T16138-03	Hyd. Tree Assy. (A4) (See Plate 14)
4	1	T16138-04	Hyd. Tree Assy. (B4) (See Plate 14)
5	*	N82584	Filter (Std. Type - Blue with white lettering)
-	*	N21611	Filter (water-Alert type- White with blue lettering)
6	8	PA024TA10	Meter Assy (Ref. See Plate 15)
7	4	N22756	Inlet Pipe
8	4	N22754	Inlet Pipe
9	8	N22753-10	Flange
10	8	K51145-G01	Feedline Fitting
11	4	T10959-12	Manifold
12	4	K12179	Union
13	8	Q10068-15	O-Ring
14	24	K45523	Bolt, Hex, 5/16-18 x 7/8 Lg.
15	24	K50774	Lockwasher, 5/16
16	24	K42999	Washer, 5/16
17	8	K93010	Support, Filter & Solenoid Vlv
18	16	K14830	Bolt, Hex, 1/4-20 x 5/8 Lg.
19	64	K50773	Lockwasher, 1/4
20	48	K14056	Washer 1/4
21	16	K01942	Nut, Hex 1/4 - 20
22	16	K05287	Bolt, Hex, 1/4 - 20 x 1/2 Lg
23	32	K43625	Bolt, Hex. 1/4 - 20 x 3/4 Lg.

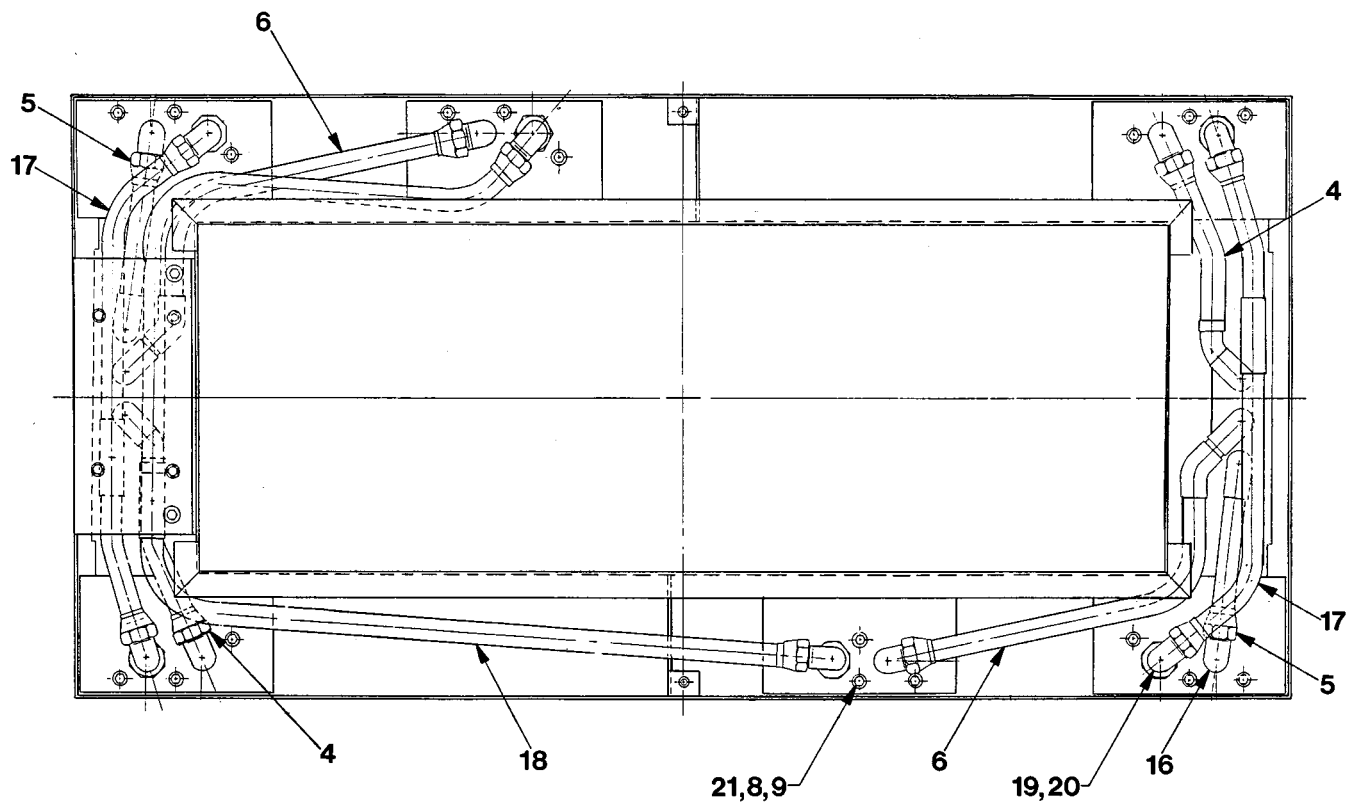
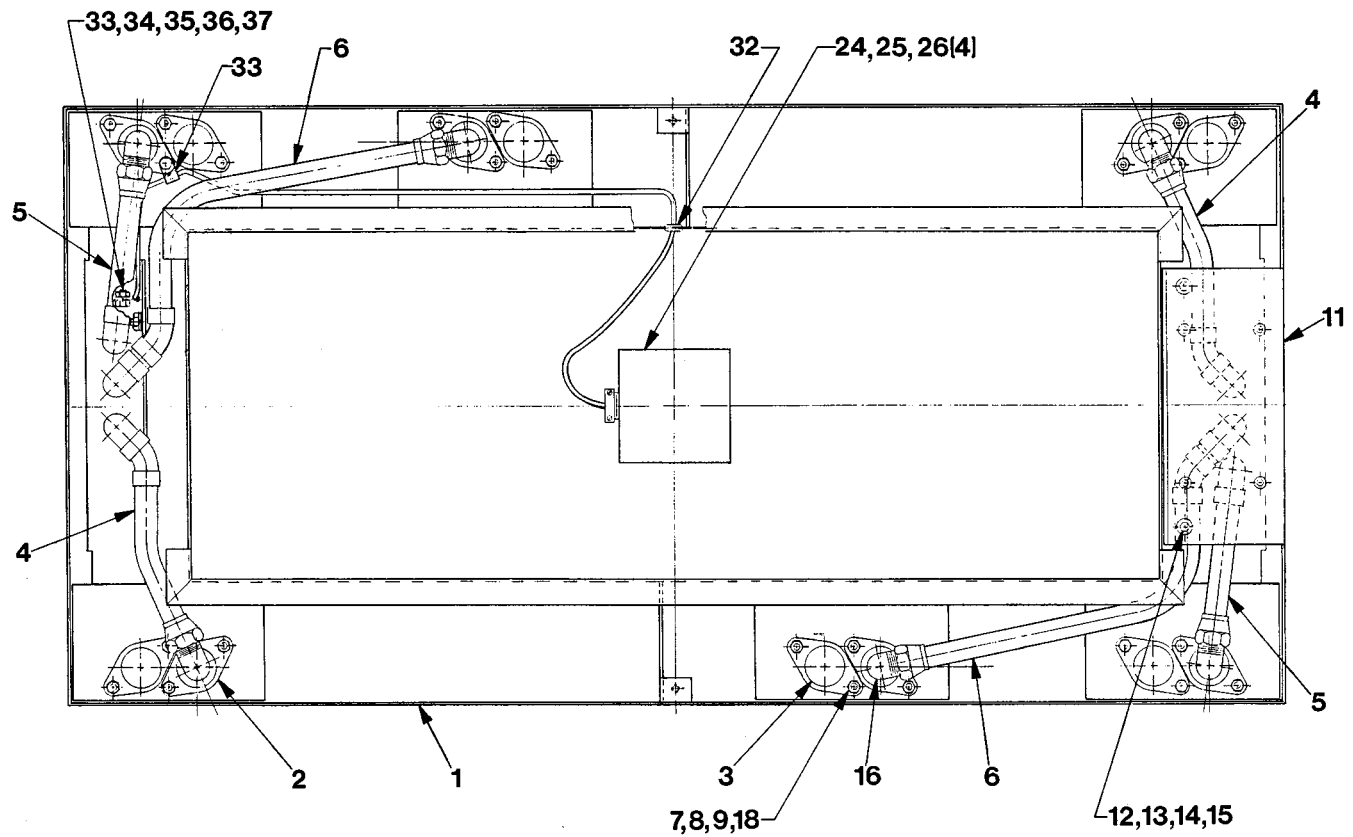
* Quantities vary with Model.



CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1.	4	T14052	Pipe Clamp Bkt.
2	2	N21274	Pipe Clamp Bkt, Lower
3	6	K90016	Clamp Hook
4	*	K14056	Washer, Burr, 1/4
5	*	K50773	Lockwasher, 1/4 HEAVY
6	*	K01941	Nut, Hex, 1/4 - 20
7	4	K01942	Nut, Hex 5/16 - 18
8	*	K92857	Pipe Clamp
9	*	K92858	Pipe Clamp
10	*	K02447	Screw, Rd. Hd, 1/4 - 20 x 2 Lg.
11	*	K10232	Screw, flat Hd. 1/4 - 20 x 1/2 Lg.
12	8	K02217-20	Lockwasher, 1/4, Light
13	4	K02205	Washer, 5/16
14	-	R17764-02	Upper Discharge Line Assy, A1 & B3 (Ref.)
15	-	T15704	Upper Discharge Line Assy. A3 & B1 (Ref.)
16	-	T15705-02	Upper Discharge Line Assy. A2 & B2 (Ref.)
17	2	N22496-01	Feedline Assy.
18	2	N22496-02	Feedline Assy.-20 x 5/8 Lg.
19	2	N22496-03	Feedline Assy.
20	1	T15914-02	Vapor Recovery Line, Prod. 1 & 3
21	1	T15916-02	Vapor Recovery Line, Prod.2
22	1	T14039	# Conduit & Wire Assy, Canopy Lighting Option
23	1	K02281	# Pipe Plug, 1/2
24	2	K86074	# Conduit Coupling 1/2
25	2	R16319-02	# Canopy Conduit
26	2	Q10974-01	# Junction Box Assy.
27	*	K90912	# Tubing Clamp
28	*	K11061	# Screw, Round Hd, 1/4 - 20 x 5/8 Lg.
29	1	T15637	# Conduit & Wire Assy, Speaker Option
30	1	K92704	# Connector Box
31	1	N22359	# Speaker Wire Assy.
32	6	W01745-10	Casting, Co-Axial Hose
33	12	N16891-27	O-Ring
34	6	N21581-02	Flanged Coupling
35	6	N21590-02	V/R Connector Plug

NOTE: Mounting Hardware for Items 32, 34, & 35
shown on Plate 8.

* Quantities vary with Model.
Optional Equipment



CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1	1	T15931-02	Support Housing Assy.
2	6	N21581-02	Flanged Coupling (Ref.)
3	6	N21590-02	V/R Connector Plug (Ref.)
4	2	R17764-02	Upper Discharge Line Assy. A1 & B3
5	2	T15704	Upper Discharge Line Assy. A3 & B1
6	2	T15705-02	Upper Discharge Line Assy A2 & B2
7	24	Q10972-03	Screw, Flat Hd Cap, 1/4 - 20 x 7/8 Lg.
8	24	K14056	Washer, Burr 1/4
9	24	K50773	Lockwasher, 1/4 HEAVY
10	24	K01941	Nut, Hex, 1/4 - 20
11	2	T14035-02	Cover, Lifting Bkt.
12	8	Q10098-37	Screw, Flat Hd Cap, 5/16 - 18 x 1 Lg.
13	8	K66872-01	Flat Washer 5/16
14	8	K50774	Lockwasher, 5/16, Heavy
15	8	K01942	Nut, Hex 5/16 - 18
16	6	K76203	Elbow Fitting 3/4 x 90°
17	2	T15914-02	Vapor Recovery Line, Prod. 1 & 3
18	1	T15916-02	Vapor Recovery Line, Prod. 2
19	6	Q10987-01	Elbow, 3/4 x 90°
20	6	R11496-23	Nipple, 3/4 x 2 Lg.,
21	24	K56467	Bolt, Hex 1/4 -20 x 7/8 Lg.

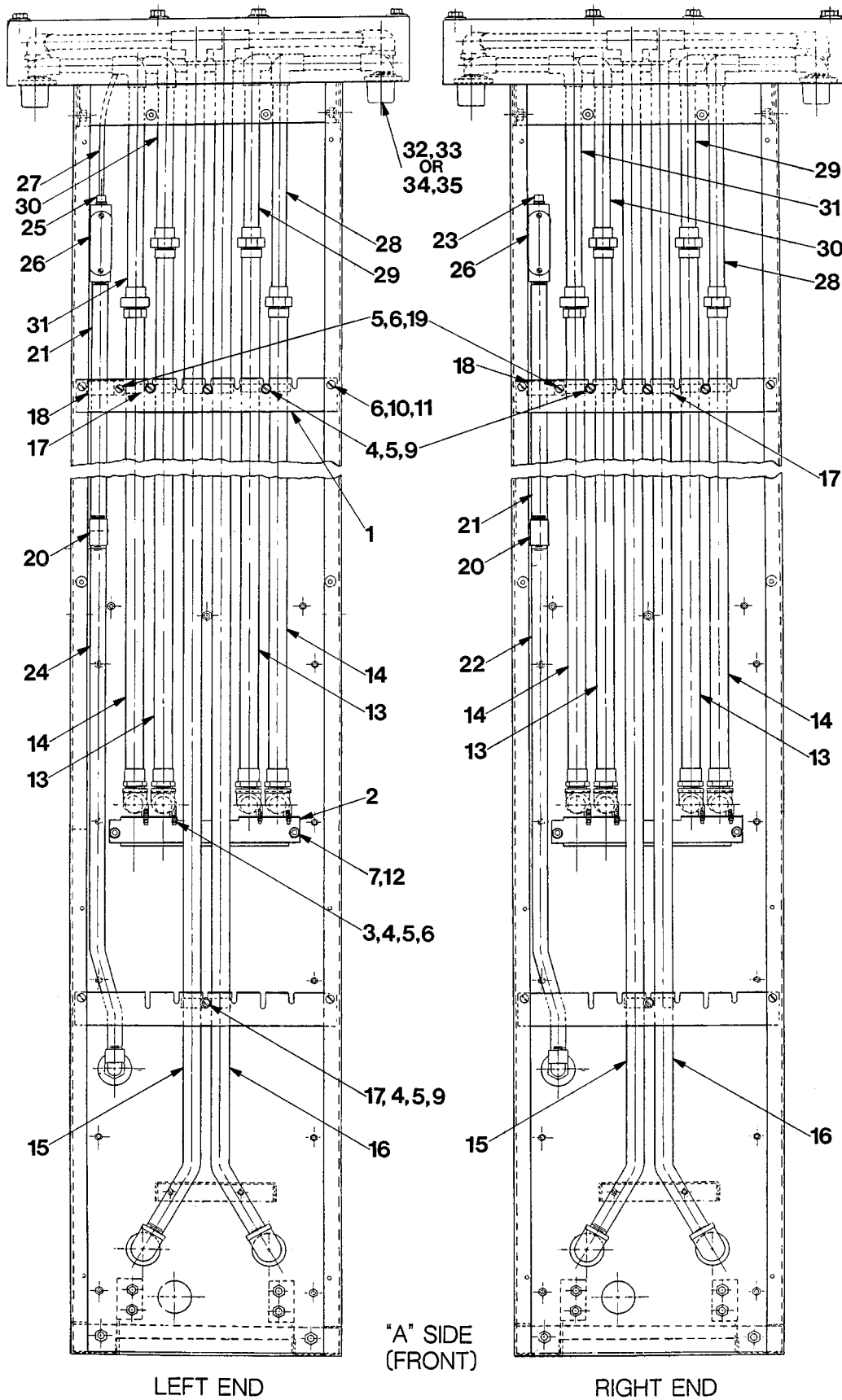
SPEAKER OPTION (All Parts Not Shown)

22	1	W02142	Speaker Cover, Upper
23	1	W02143	Speaker Panel, Lower
24	1	R17464	Speaker & Wire Assy
25	1	N22374	Speaker Gasket
26	4	Q11644-01	Screw, Self tapping, Blk. ox. 6 - 32.
27	6	K74465-71	Bolt, 5/16-18x3/4 Lg.
28	6	N16599-67	Washer, 5/16
29	14	K80671-24	Rubber Washer
30	8	K74465-21	Bolt, 3/8-16x1 Lg.
31	8	K74354	Washer, 3/8
32	1	N15941-33	Rubber Grommet
33	2	K88349-02	Cable Clamp
34	1	K92744	Bracket, Wire Clip
35	1	K52092	Bolt, Hex Hd, 1/4-20x3/8 Lg.
36	2	K50773	Lockwasher, 1/4, Heavy
37	2	K01941	Nut, Hex, 1/4-20

NOTE: Items 17 thru 21 are used on V/R Models Only

Frame and Feedline Assembly-8 Hose

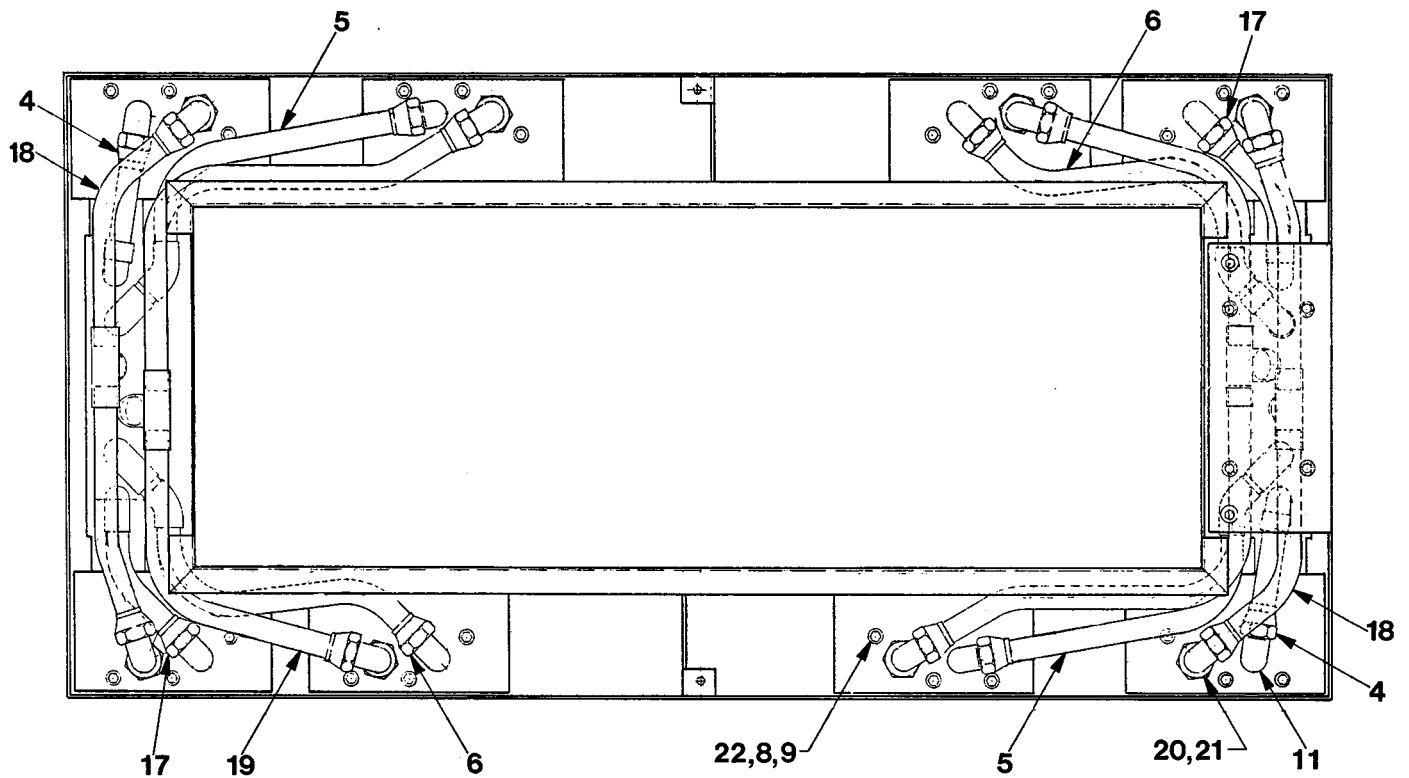
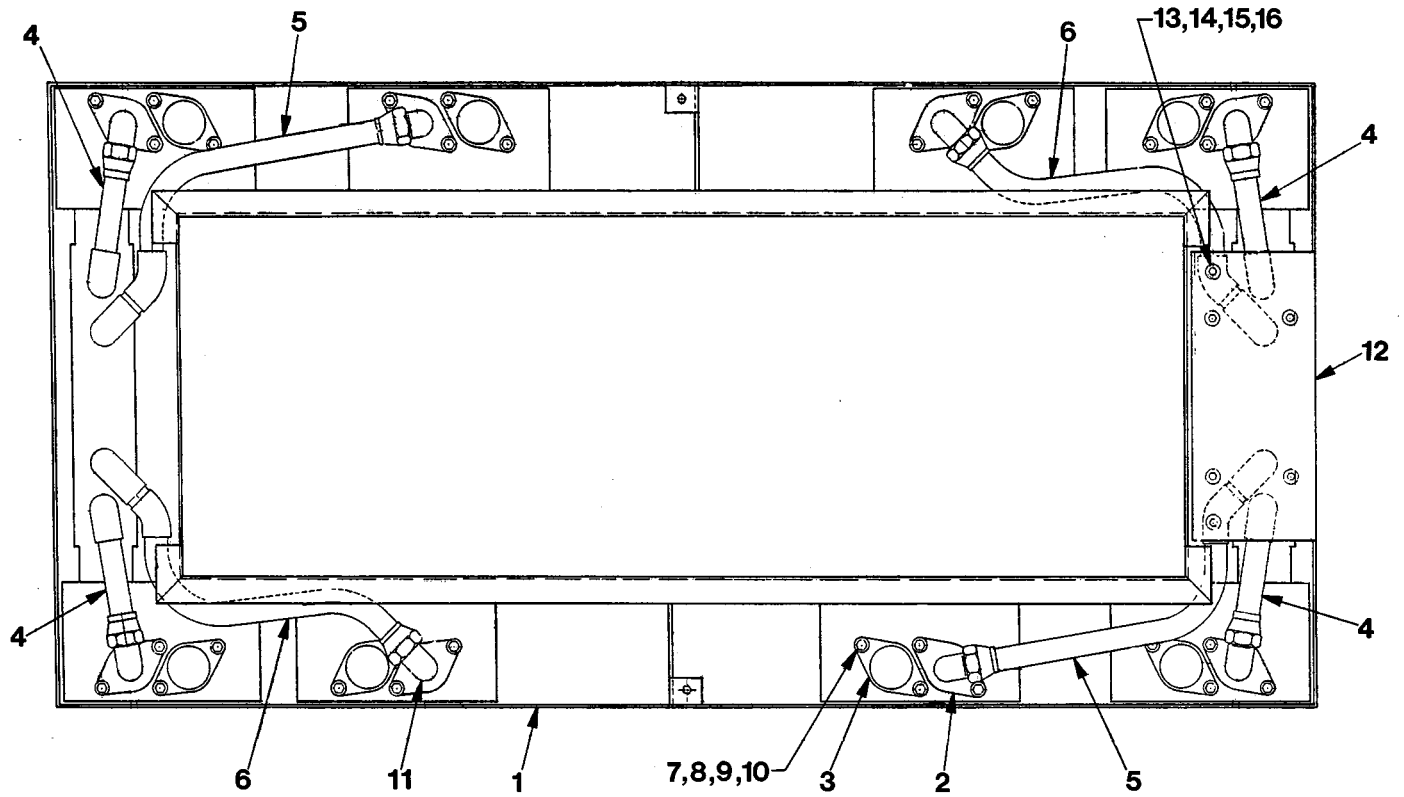
Plate 9



CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1.	*	T16133	Pipe Clamp Bkt
2	2	R18043	Pipe Clamp Bkt, Lower
3	8	K90016	Clamp Hook
4	*	K14056	Washer, Burr 1/4
5	*	K50773	Lockwasher, 1/4, Heavy
6	*	K01941	Nut, Hex 1/4-20
7	*	K01942	Nut, Hex 5/16-18
8	*	K92857	Pipe Clamp
9	*	K02447	Screw, Rd.Hd., 1/4-20x2 Lg.
10	*	K10232	Screw, Flat Hd, 1/4-20x1/2Lg
11	*	K02217-20	Lockwasher, 1/4, Light
12	4	K02205	Washer, 5/16
13	4	N22496-02	Feedline Assy.
14	4	N22496-03	Feedline Assy.
15	2	T16147-04	Vapor Recovery Line
16	2	T16148-04	Vapor Recovery Line
17	*	K92857	Pipe Clamp
18	*	K90912-02	# Tubing Clamp
19	*	K11061	# Screw, Round Hd, 1/4-20 x5/8 Lg.
20	*	K86074	# Conduit Coupling, 1/2
21	1	R16319-02	# Canopy Conduit
22	1	T16159	# Conduit & Wire Assy.
23	1	K02281	# Pipe Plug 1/2
24	1	T15637	# Conduit & Wire Assy., Speaker Option
25	*	K92704	# Connector Box
26	*	Q10974-01	# Junction Box Assy.
27	1	N22359	# Armoured Cable
28	-	T16144-02	Upper Discharge Line Assy, A1 & B4 (Ref.)
29	-	T16146-02	Upper Discharge Line Assy, A2 & B3 (Ref.)
30	-	T16145-02	Upper Discharge Line Assy, A3 & B2 (Ref.)
31	-	T16143-02	Upper Discharge Line Assy. A4 & B1 (Ref.)
32	8	W01745-10	Casting, Co-Axial Hose
33	16	N16891-27	O-Ring
34	8	N21581-02	Flanged Coupling
35	8	N21590-02	V/R Connector Plug

NOTE: Mounting Hardware for Items 32, 34 & 35 shown on Plate 10.

* Quantities vary with Model
Optional Equipment.



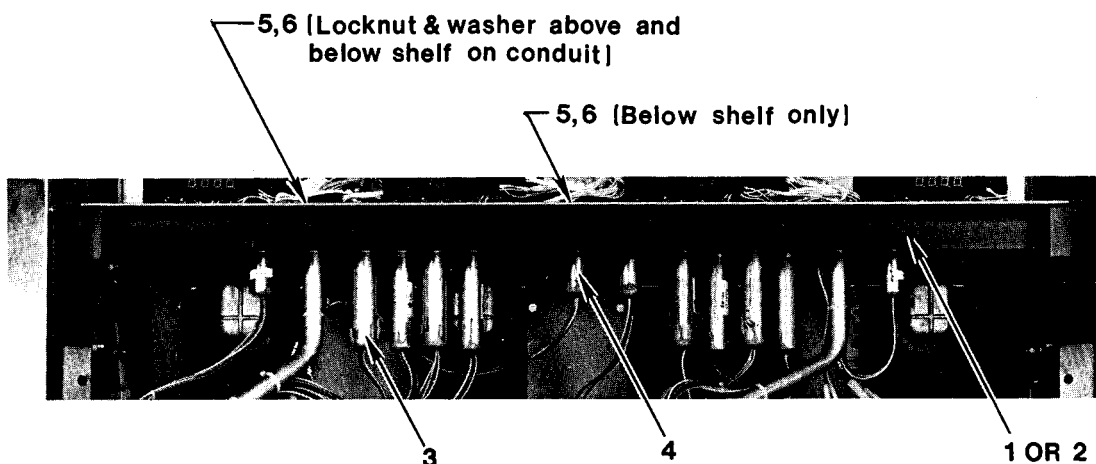
CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1.	1	T16119-02	Support Housing Assy
2	8	N21581-02	Flanged Coupling
3	8	N21590-02	V/R Connector Plug
4	4	T16143	Upper Discharge Line Assy A1, B1, A4 & B4
5	2	T16145-02	Upper Discharge Line Assy A3 & B2
6	2	T16146-02	Upper Discharge Line Assy, A2 & B3
7	32	Q10972-03	Screw, Flat Hd, Cap, 1/4-20 x7/8 Lg.
8	32	K14056	WASHER Burr 1/4
9	32	K50773	Lockwasher, 1/4, Heavy
10	32	K01941	Nut, Hex 1/4-20
11	8	K76203	Elbow Fitting 3/4x90°
12	2	T14035-02	Lifting Bracket Cover
13	4	Q10098-37	Screw, Flat Hd, Cap, 5/16-18x1 Lg
14	4	K66872-01	Flat Washer, 5/16
15	4	K50774	Lockwasher, 5/16 Heavy
16	4	K01942	Nut, Hex, 5/16-18
17	2	T16144-02	Upper Discharge Line Assy A1 & B4
18	2	T16147-04	Vapor Recovery Line, Prod. 1 & 4
19	2	T16148-04	Vapor Recovery Line, Prod. 2 & 3
20	8	Q10987-01	Elbow, 3/4 x 90°
21	8	R11496-23	Nipple, 3/4 x 2 Lg.
22	32	K56467	Bolt, Hex 1/4-20x7/8 Lg

NOTE: Items 17 thru 22 are used
on V/R Models ONLY.

Vapor Barrier Assembly

8 Hose Version Shown

Plate 11

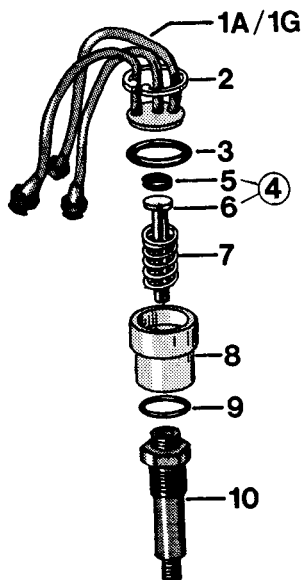


CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1.	1	T15937	Vapor Barrier Assy - 6 Hose (Ref. See Plate 2)
2	1	T16131	Vapor Barrier Assy - 8 Hose (Ref. See Plate 2)
3	*	T13713-G7	I.S. Barrier Assy
4	*	R16419-G1	I.S. Barrier Assy.
5	*	K89681	Nut, Conduit Seal
6	*	N16599-65	Washer 5/8

* Quantity varies with Model

Pilot Valve N20475-XX

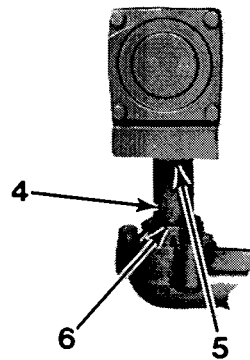
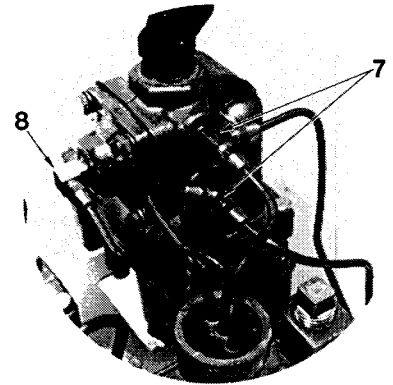
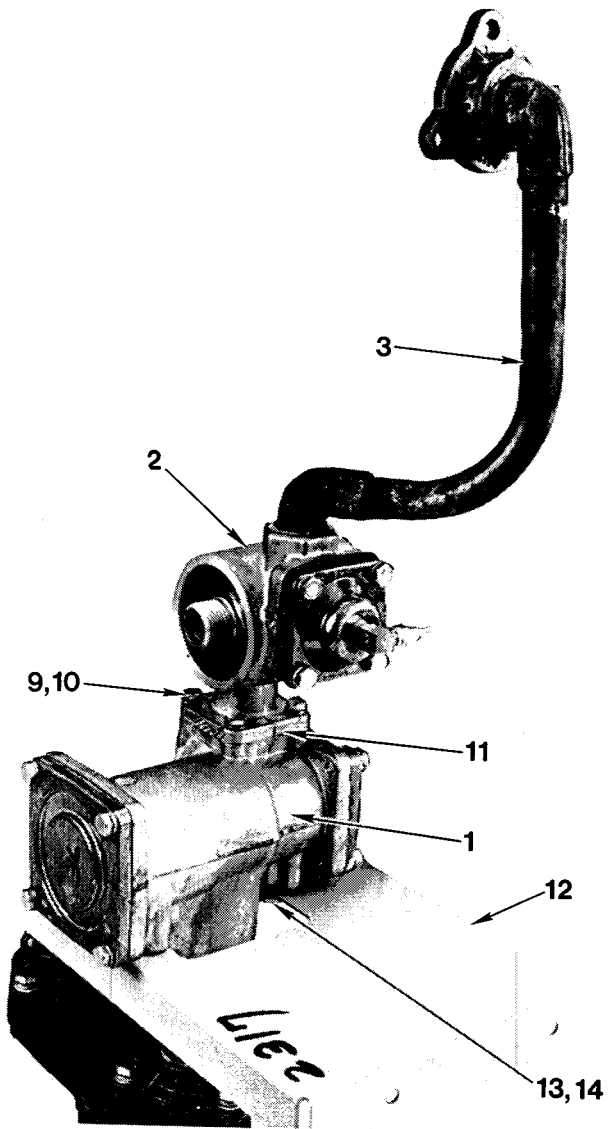
Plate 12



CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
-.	-	N20475-14	Pilot Valve Assy (Includes Items 1A & 2-10)
-	-	N20475-13	Pilot Valve Assy (Includes Items 1B & 2-10)
-	-	N20475-19	Pilot Valve Assy (Includes Items 1C & 2-10)
-	-	N20475-22	Pilot Valve Assy (Includes Items 1D & 2-10)
-	-	N20475-23	Pilot Valve Assy (Includes Items 1E & 2-10)
-	-	N20475-24	Pilot Valve Assy (Includes Items 1F & 2-10)
-	-	N20475-25	Pilot Valve Assy (Includes Items 1G & 2-10)
1A	1	N21256	Tube Assy, Left Valve
1B	1	N21271	Tube Assy, Center Valve
1C	1	N21270-01	Tube Assy, Right Valve
1D	1	R18053	Tube Assy., A1 & A3 (8 hose)
1E	1	R18054	Tube Assy, A2 & A4 (8 hose)
1F	1	R18055	Tube Assy, B1 & B3 (8 hose)
1G	1	R18056	Tube Assy. B2 & B4 (8 hose)
2	1	K76238-75	Retaining Ring, 1-3/8
3	1	Q10067-14	O-Ring
4	1	K88760	Plunger & Seal Assy (Includes Items 5 & 6)
5	1	K88732	Valve Seal
6	1	K88740	Plunger
7	1	K88746	Spring, Pilot Valve
8	1	R14023-11	Body, Pilot Valve
9	1	Q10067-07	O-Ring
10	1	K88739	Plunger Tube Assy

Hydraulic Tree Assembly-3 Product
W01609-XX

Plate 13

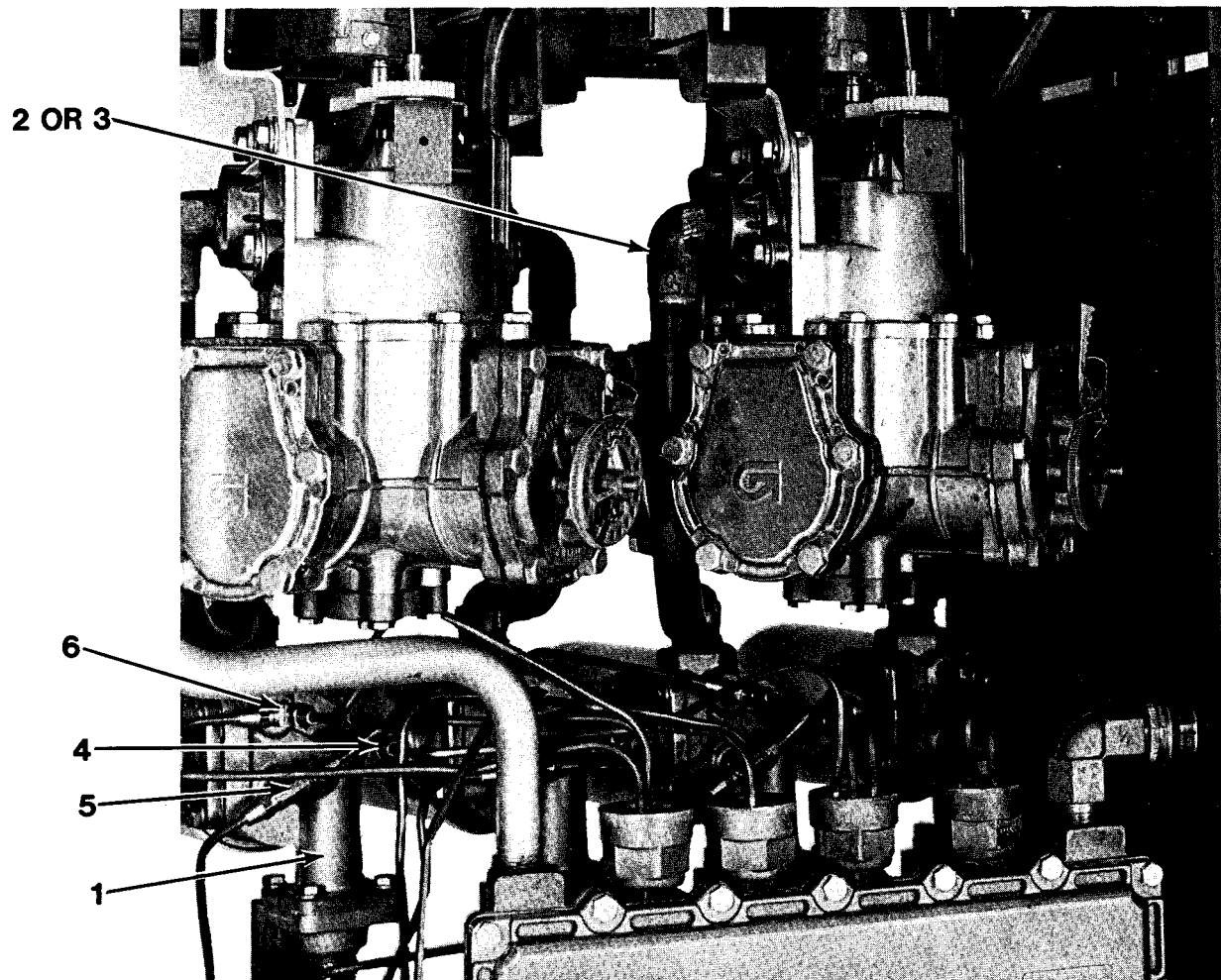


CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
--	-	W01609-15	Hyd. Tree Assy. (A1) (Includes Items 1 thru 11)
-	-	W01609-16	Hyd. Tree Assy (B1) Includes Items 1 thru 11)
-	-	W01609-17	Hyd. Tree Assy (A2) (Includes Items 1 thru 11)
-	-	W01609-18	Hyd. Tree Assy. (B2) (Includes Items 1 thru 11)
-	-	W01609-19	Hyd. Tree Assy (A3) (Includes Items 1 thru 11)
-	-	W01609-20	Hyd. Tree Assy (B3) (Includes Items 1 thru 11)
1	1	PA00970001	Pressure Reg./Strainer Assy
2	1	PA00980006	Solenoid Valve
3	1	R16322-06	Feedline Assy.
4	1	R11495-26	Nipple 1 x 3 3/8 Lg
5	1	K07799	Reducing Bushing 1-1/2 x 1
6	1	K51145-01	Feedline Fitting 1 in.
7	2	Q10413-01	Tee Fitting
8	1	Q10001-02	Elbow, 3/16 x 90°
9	4	K43625	Bolt, Hex, 1/4-20x3/4 Lg
10	4	K50773	Lockwasher, 1/4 Heavy
11	1	Q10068-08	O-Ring

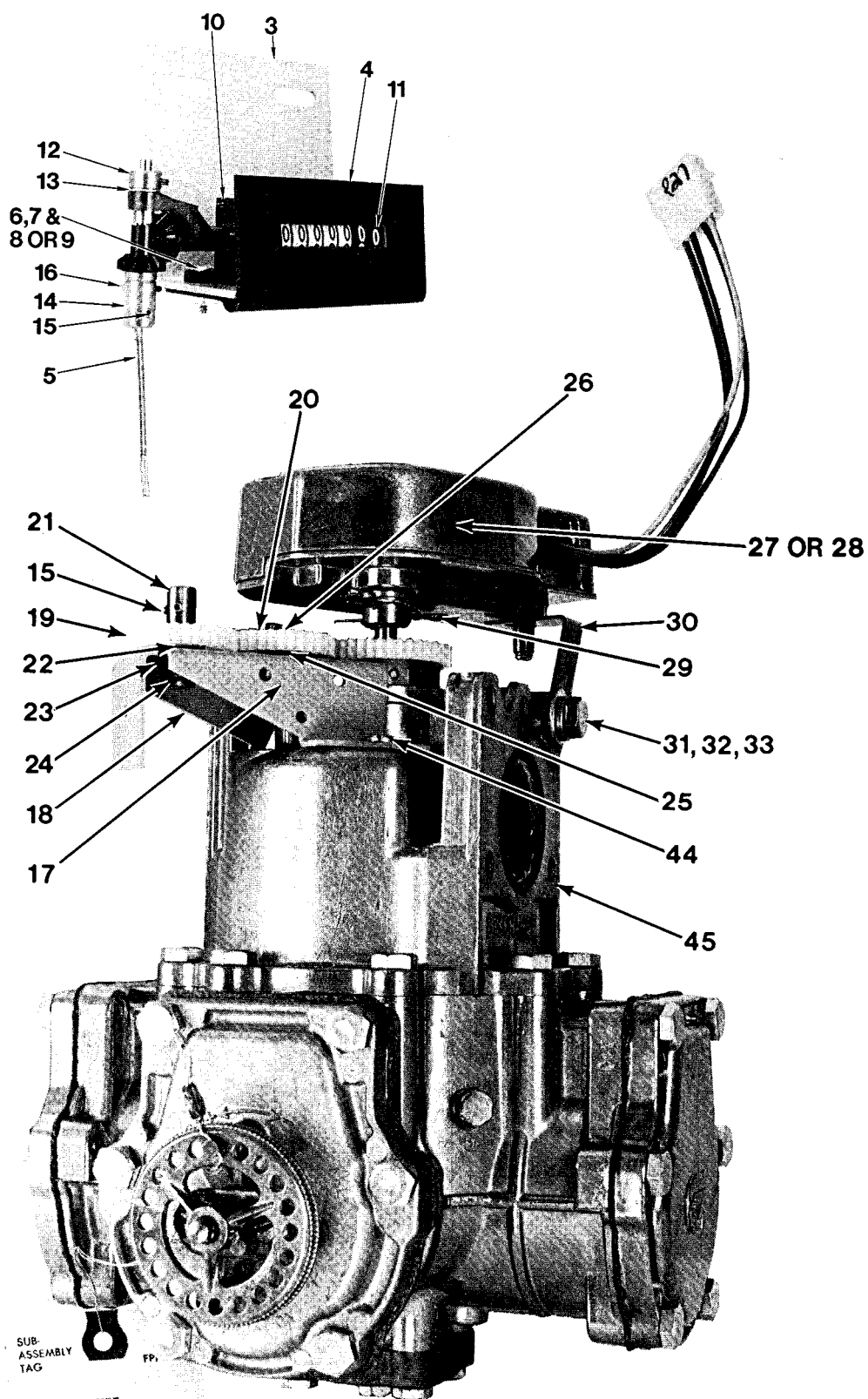
The following items are not part of the Hyd. Tree Assy.

12	-	T14423	Lower Shelf (Hyd Tree) (Ref., See Plate 2)
13	3	K51194	Bolt, Hex, 5/16-18x5/8 Lg.
14	3	K50774	Lockwasher, 5/16

NOTE: Quantities shown are for 1 Hyd. Tree Assy.



CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
-.	-	T16138-01	Hyd. Tree Assy. (A1, A2, A3) (Includes Items 1, 2, 4-6)
-	-	T16138-02	Hyd. Tree Assy (B1, B2, B3) (Includes Items 1, 3-6)
-	-	T16138-03	Hyd. Tree Assy (A4) (Includes Items 1, 2, 4-6)
-	-	T16138-04	Hyd. Tree Assy. (B4) (Includes Items 1, 3-6)
1	8	PA00980006	Solenoid Valve (See Plate 16)
2	4	R18038-03	Feedline Assy
3	4	R18039-02	Feedline Assy
4	8	Q10001-02	Elbow, 3/16 x 90°
5	8	Q10413-01	Tee Fitting
6	8	Q10032-02	Tee Fitting



TYPE
PA024TA10

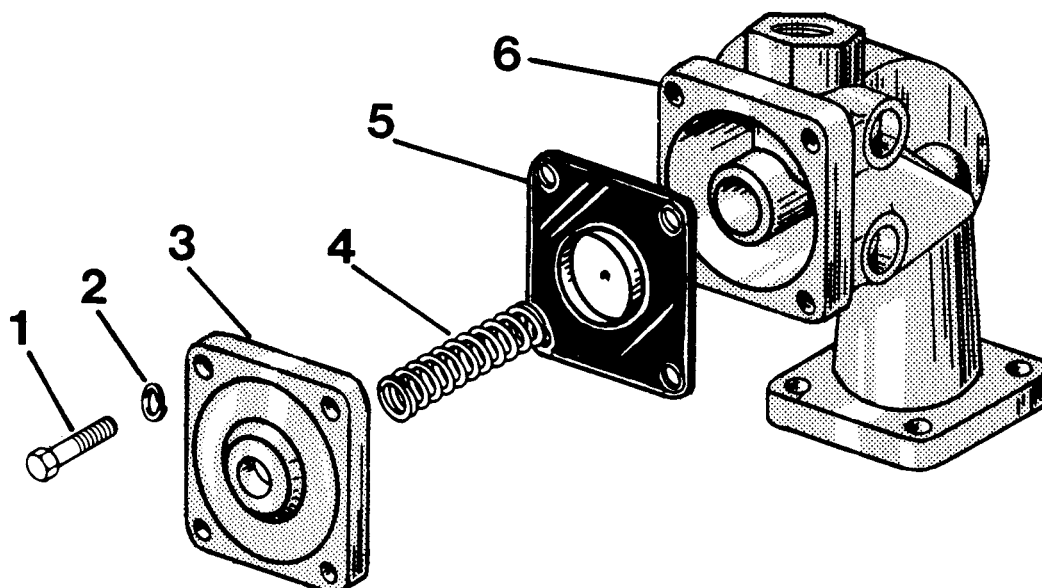
CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1	1	R16581	Totalizer to Bracket Assy. (Includes Items 3 thru 8, 10)
2	1	R16581-01	Totalizer to Bracket Assy. (Includes Items 3 thru 7, 10)
3	1	N22009	Totalizer Bracket
4	1	N21625	Totalizer Mask
5	1	K89799-10	Flexible Shaft
6	2	Q10111-36	Screw No. 6-32 x 1/2 Lg.
7	2	K46212	Lockwasher, No. 6
8	2	K66857	Nut, Hex, No. 6-32
9	2	K90028-01	Nut, Totalizer Retainer, No 6-32
10	1	K90316	Totalizer & Coupling Assy. (Includes items 11 thru 16)
11	1	N21016-02	Totalizer, 7 Figure
12	1	K90010	Shaft Collar
13	1	N16599-43	Thrust Washer
14	1	K90315	Coupling
15	4	K76707	Set Screw No. 5-40 x 5/32 Lg
16	2	K49721	Drive Pin
17	1	R15882	Gear & Bracket Assy. (Includes items 15, 18 thru 26)
18	1	N20971-01	Meter Gear Bracket Assy.
19	1	K88329	Gear, Drive
20	1	K88329-01	Gear
21	1	K90314	Drive Shaft, Gear & Counter
22	1	N17706-37	Oilite Bearing
23	1	Q10217-09	Retaining Ring, 1/2
24	2	K76238-36	Retaining Ring
25	1	N16599-23	Washer
26	1	K76238-37	Retaining Ring, 3/8
27	1	T15311-G4	Pulser Assy.
28	1	T12672-G2	Pulser Assy.
29	1	K77558-28	Hairpin Cotter
30	1	R17466	Pulser Mounting Bracket
31	1	Q10624-01	Screw, Hex HD, 5/16-18x3/4 Lg
32	1	K50774	Lockwasher, 5/16 Heavy
33	1	K42999	Washer, 5/16
34	2	K02644	Lead Seal & Wire, 7 Inch
35	1	R17327	Gear Cover
36	1	T14825	Security Cover Bracket
37	1	T14826	Security Cover
38	2	Q10111-72	Screw, No. 10-32x3/8 Lg
39	6	K50866	Lockwasher, Ext.Tooth, No. 10
40	1	Q10162-26	Screw, No. 10-32x1/2 Lg
41	1	K03516	Lockwasher, No. 10
42	4	Q10112-01	Screw, THD Forming, No.10-32x1/2 Lg
43	4	K65235-22	Flatwasher, No. 10
44	2	Q10149-47	Screw, THD Forming, No. 10-32x3/8 Lg
45	1	PA024TA10	Disp. Meter
46	1	N22009	Totalizer Bracket

Note: For specific information on item 45, PA024TA10
Meter see Parts List PT1464.

Solenoid Valve

PA00980006

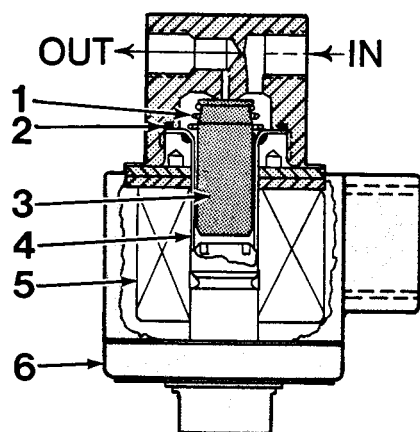
Plate 16



CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1	4	K43625	Bolt, Hex 1/4-20x3/4
2	4	K50773	Lockwasher, 1/4 Heavy
3	1	R14025-10	Solenoid Valve Cap
4	1	K88745	Diaphragm Spring
5	1	K88750	Diaphragm Assy.
6	1	W01454-11	Filter/Solenoid Base

General Control Solenoid Valve

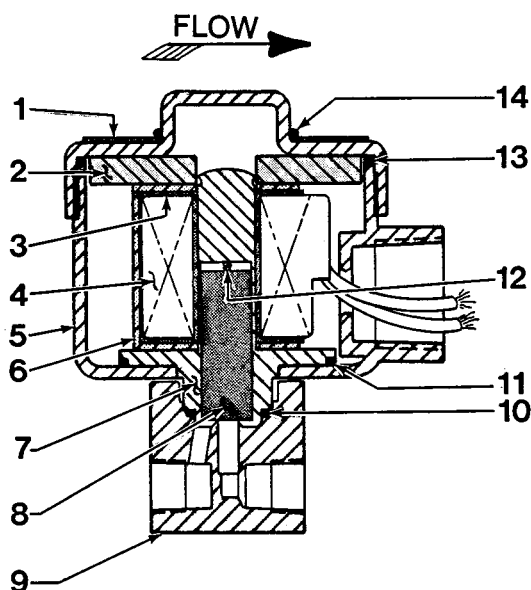
Plate 17



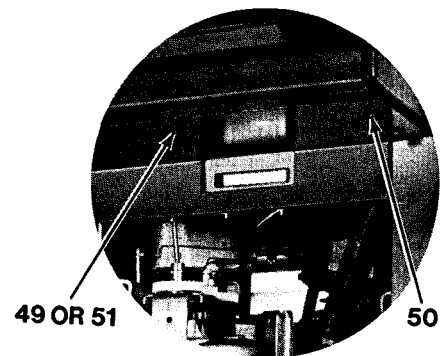
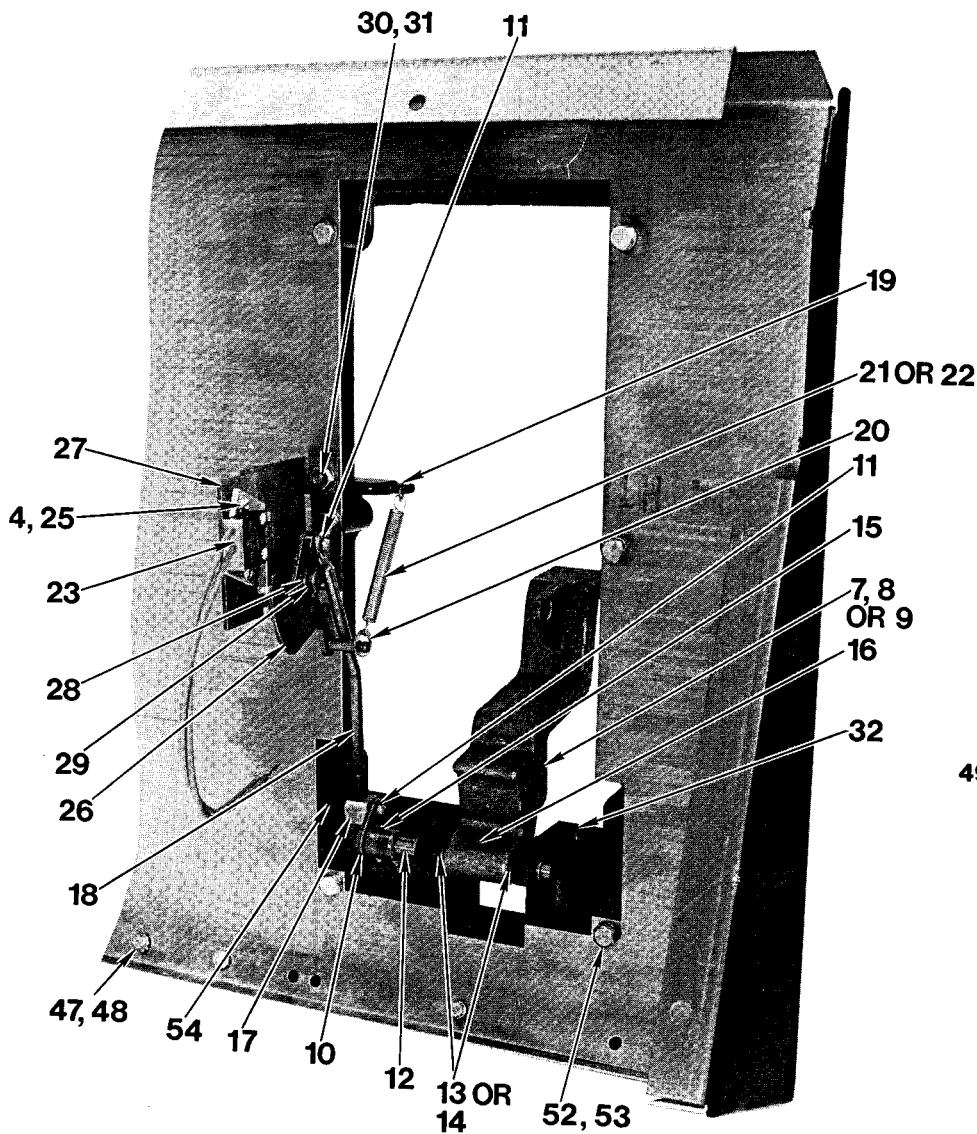
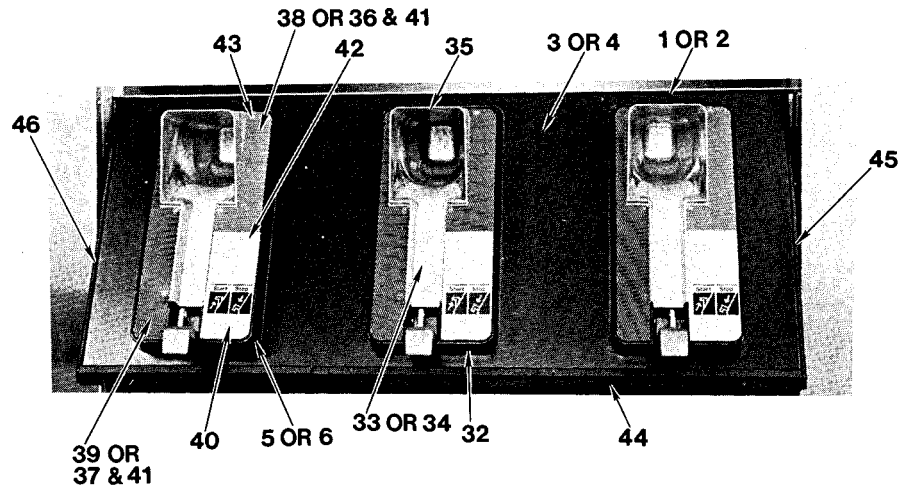
CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1.	1	N20822-01	Plunger spring
2.	1	N20822-02	Square seal
3.	1	N20822-04	Plunger ass'y. kit
4.	1	N20822-05	Plunger ass'y. kit
5.	1	N20822-03	Coil 110V/120V 50/60 HZ.
		-07	Coil 220V/240V 50/60 HZ.
6.	1	N20822-	Valve ass'y. 110V/120V 50/60 HZ.
		-06	Valve ass'y. 220V/240V 50/60 HZ.

ASCO Solenoid Valve

Plate 18



CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1.	1	222-764-1-1R	Nameplate
2.	1	222-764-1-1D	Spacer
3.	2	222-764-1-1E	Sleeve
4.	1	222-764-1-1G	Coil
5.	1	222-764-1-1F	Housing ass'y. cover
6.	1	222-764-1-1H	Yoke
7.	1	222-764-1-3	Solenoid base subass'y.
8.	1	222-764-1-5	Core ass'y.
9.	1	222-764-1-6	Body
10.	1	222-764-1-4	Bonnet gasket
11.	1	222-764-1-1J	Housing gasket
12.	1	222-764-1-2	Core spring
13.	1	222-764-1-1C	Cover gasket
14.	1	222-764-1-1A	Retaining ring



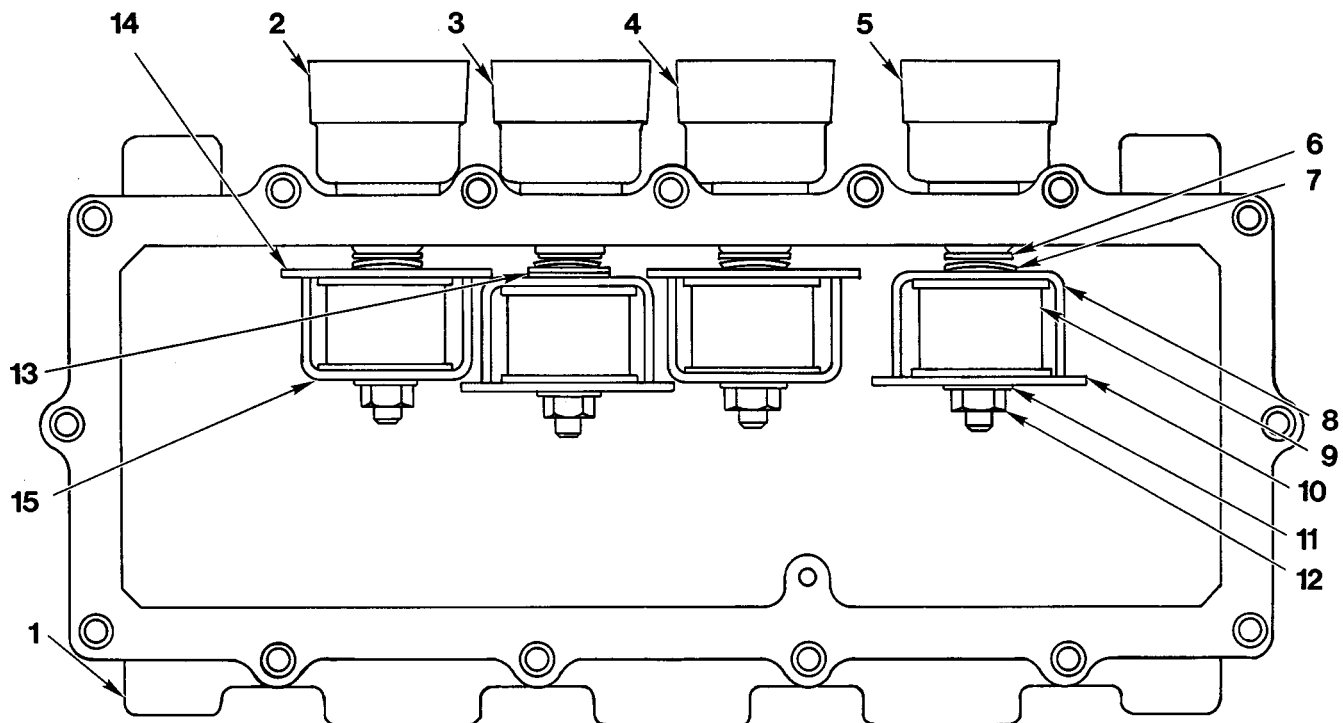
CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION	CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1	*	T14057	Putdown Module Assy., STD (3 Product) (Includes Items 3, 5, 11, 17 thru 21, 23 thru 31, 52, 53)	25	2	K46212	Lockwasher, Ext. Tooth, #6
1	*	T14057-01	Putdown Module Assy., V/R (3 Product) (Includes Items 3, 6, 11, 17 thru 20, 22 thru 31, 52, 53)	26	1	K89873-03	Switch Lever & Pin Assy.
2	*	T16150	Putdown Module Assy., STD (4 Product) (Includes Items 4, 5, 11, 17 thru 21, 23 thru 31, 52, 53)	27	1	N21605-01	Pivot Pin Bracket
2	*	T16150-01	Putdown Module Assy., V/R (4 Product) (Includes Items 4, 6, 11, 17 thru 20, 22 thru 31, 52, 53)	28	1	K86601-05	Washer, 5/8
3	*	T14058	Putdown, Welded Assy. (3 Product)	29	1	K76238-37	Retainer Ring, 3/8
4	*	T16127	Putdown, Welded Assy. (4 Product)	30	2	K50773	Lockwasher, 1/4
5	*	R14915-04	Wrapper-Nozzle Hook Assy. (Std. Nozzle Hook) (Includes Items 7, 10, 12, 13, 14, 15, 32)	31	2	K01941	Nut, Hex 1/4-20
6	*	R14915-05	Wrapper-Nozzle Hook Assy. (V/R Nozzle Hook) (Includes Items 8, 9, 10, 12, 14, 15, 16, 32)	32	1	W01589-10	Wrapper, Putdown Nozzle
7	1	R14914-XX	Nozzle Hook (STD)	33	*	T15936	Nozzle Boot Assy. (Includes Items 35, 36, 37, 41)
8	1	R15090-XX	Leaded Nozzle Hook (V/R)	34	*	T12253-04	Nozzle Boot Assy. (Includes Items 35, 38, 39, 40, 42)
9	1	R15749-XX	Unleaded Nozzle Hook (V/R)	35	*	W01590-12	Nozzle Boot
10	1	K89633-02	Lever & Hub Assy.	36	*	T15934-XX	Scuff Guard, Right Hand (with Graphics)
11	2	K82468-32	Retainer Ring, 1/2	37	*	T15934-XX	Scuff Guard, Left Hand
12	1	K85475	Shaft	38	*	T12373-03	Panel Insert (RH)
13	2	K86601-07	Washer (STD)	39	*	T12373-02	Panel Insert (LH)
14	2	K86601-05	Washer (V/R)	40	*	N22079-XX	+On/Off Plate
15	1	K53911	Groove Pin 1/8x5/8 Lg	41	*	Q10217-02	Retaining Ring, Push-On, 1/8
16	1	K76071	Groove Pin 1/8x3/4 Lg	42	*	Q11539-01	Screw, P. HD, No. 4-40x1/4 Lg
17	1	K80589-02	Switch Lever Stud	43	*	K80217	Rivet, Drive
18	1	N21203	Switch Rod	44	3	R16355-01	Putdown Strip
19	1	N16599-45	Washer	45	1	T14174	Putdown Endcap, RH
20	1	N16599-33	Washer	46	1	T14178	Putdown Endcap, LH
21	1	K86675	Spring (STD)	47	42	K85736-09	Screw, Hex HD, THD. Forming, No. 10- 24x1/4 Lg
22	1	K89852	Spring (V/R)	48	42	K50866	Lockwasher, No. 10
23	1	K90978	Switch & Bracket Assy.	49	1	T14066	Putdown Bottom Assy. (3 Product)
24	2	Q10111-32	Screw, Pan HD #6-32x1/4 Lg	50	10	Q10971-01	Screw, Sht. Metal, Black, No. 10-16x3/8 Lg
				51	1	T16134	Putdown Bottom Assy. (4 Product)
				52	*	K14830	Bolt, Hex 1/4-20x5/8 Lg
				53	*	K02217-20	Lockwasher, 1/4, Light
				54	*	R16318	Wrapper Gasket

+ Shipping Order Item
* Quantity varies with model

Note: Quantities for items 7 thru 32 are for 1 wrapper-nozzle assy.
Quantities for items 44 thru 51 are for 1 putdown module assy.

Junction Box - Pilot Valve Assembly (4 Product)

Plate 20

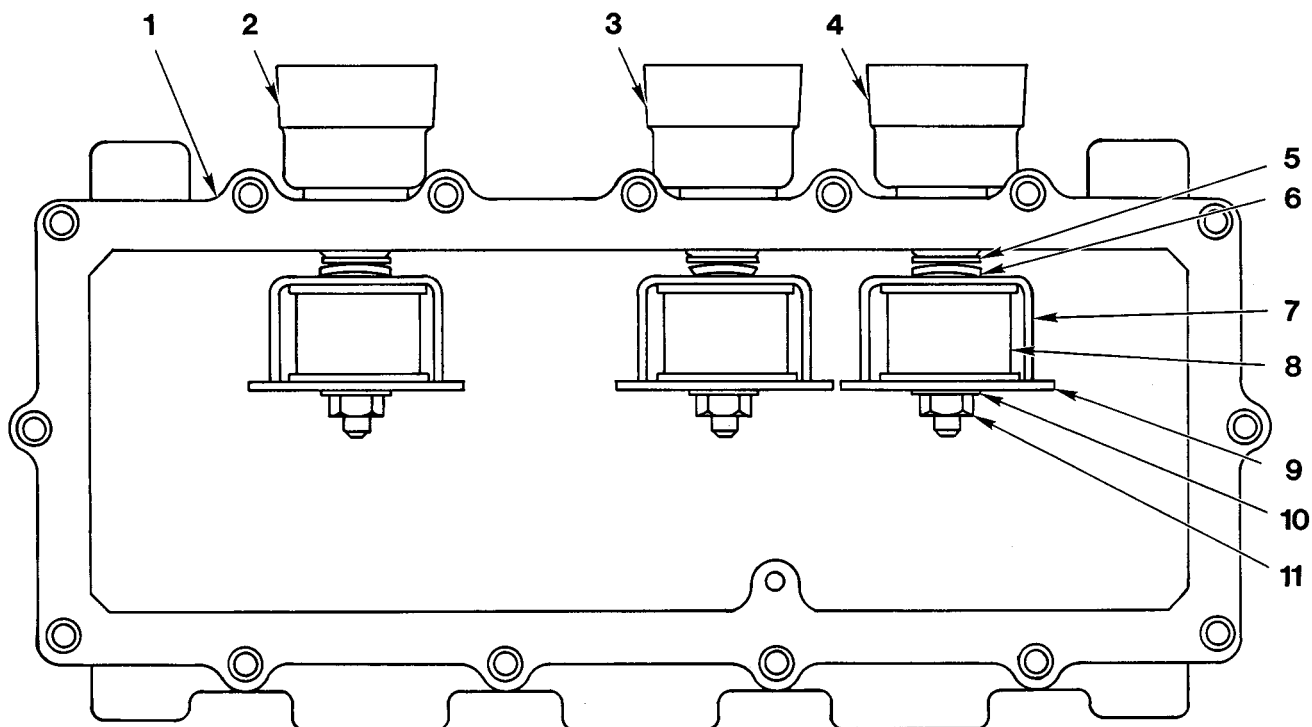


CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1	1	W01453-22	Junction Box
2	1	N20475-22	Pilot Valve Assy.
3	1	N20475-24	Pilot Valve Assy.
4	1	N20475-23	Pilot Valve Assy.
5	1	N20475-25	Pilot Valve Assy.
6	4	K83513	Washer, 1/2
7	4	K81856-23	Bowed Washer
8	2	K88742	Coil Retaining Strap
9	4	N20429-01	Coil
10	2	K88743	Coil Base Plate
11	4	K42030	Lockwasher, 5/16
12	4	K01942	Nut, Hex 5/16
13	2	K02208	Washer 1/2
14	2	K88743-01	Coil Base Plate
15	2	K88742-01	Coil Retainer Strap

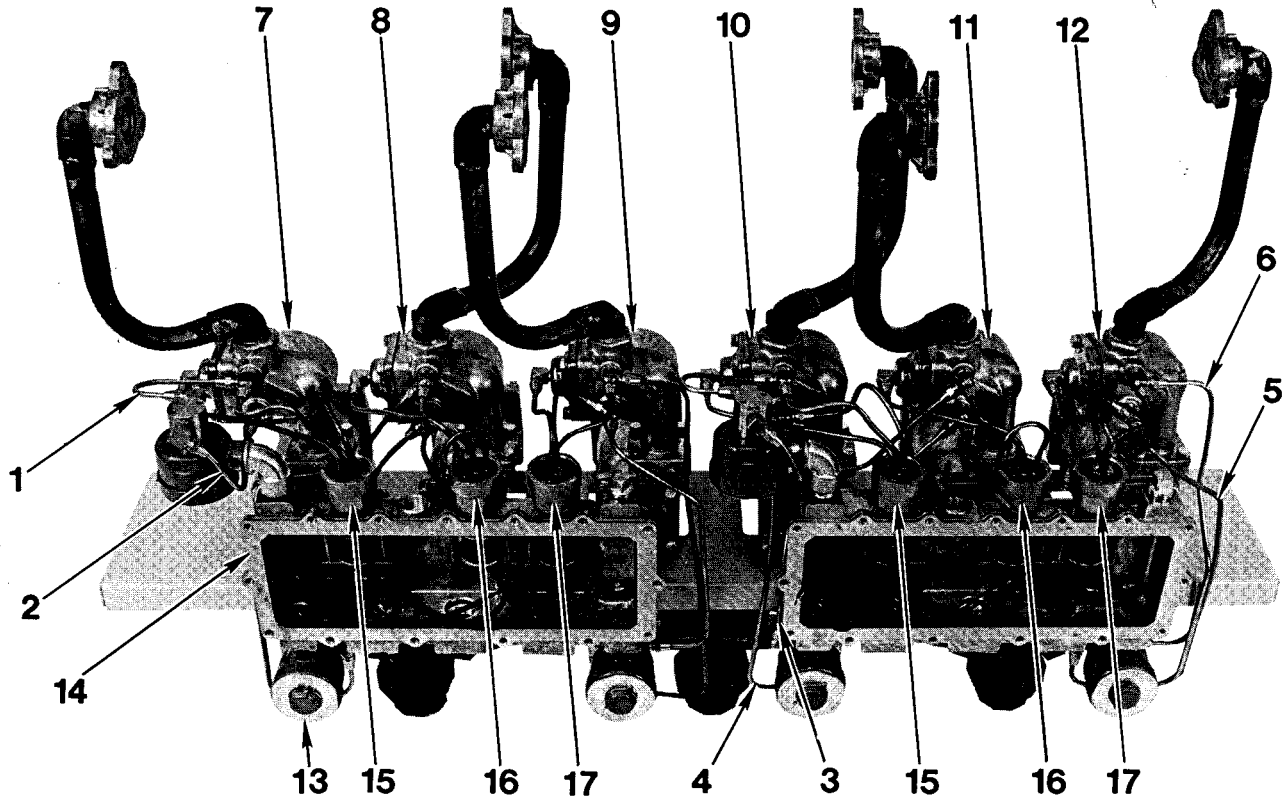
Junction Box - Pilot Valve Assembly

(3 Product)

Plate 21



CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1	1	W01453-16	Junction Box
2	1	N20475-14	Pilot Valve Assy.
3	1	N20475-13	Pilot Valve Assy.
4	1	N20475-19	Pilot Valve Assy.
5	3	K83513	Washer, 1/2
6	3	K81856-23	Bowed Washer
7	3	K88742	Coil Retaining Strap
8	3	N20429-01	Coil
9	3	K88743	Coil Base Plate
10	3	K42030	Lockwasher, 5/16
11	3	K01942	Nut, Hex, 5/16-18

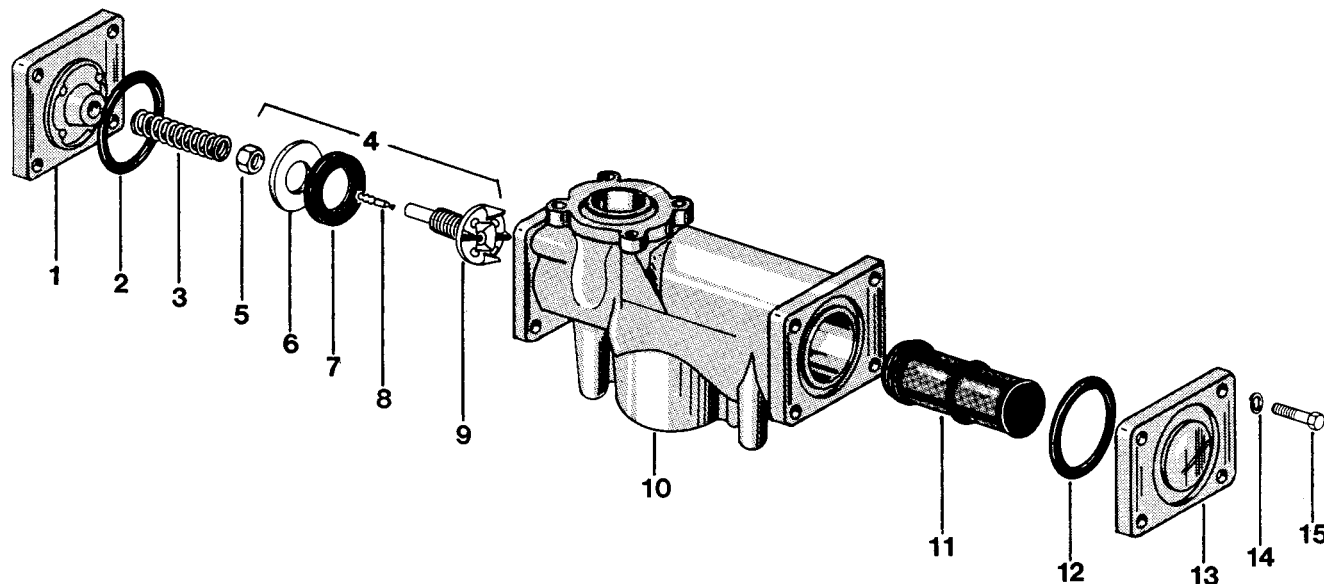


CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1	2	K90992	Outlet Tube Assy.
2	2	K90993	Inlet Tube Assy..
3	2	R16381	Inlet Tube Assy.
4	2	R16382	Outlet Tube Assy.
5	2	R16383	Inlet Tube Assy.
6	2	R16385	Outlet Tube Assy.
7	1	W01609-15	Hyd. Tree Assy.(A1) (Ref. See Plate 13)
8	1	W01609-16	Hyd. Tree Assy (B1) (Ref. See Plate 13)
9	1	W01609-17	Hyd. Tree Assy.(A2) (Ref. See Plate 13)
10	1	W01609-18	Hyd. Tree Assy.(B2) (Ref. See Plate 13)
11	1	W01609-19	Hyd. Tree Assy (A3) (Ref. See Plate 13)
12	1	W01609-20	Hyd. Tree Assy.(B3) (Ref. See Plate 13)
13	6	N20822	Solenoid Valve (Ref. See Plate 17)
14	2	W01453-16	Junction Box (Ref. See Plate 21)
15	2	N20475-14	Pilot Valve Assy. (Ref. See Plate 12)
16	2	N20475-13	Pilot Valve Assy. (Ref. See Plate 12)
17	2	B20475-19	Pilot Valve Assy. (Ref. See Plate 12).

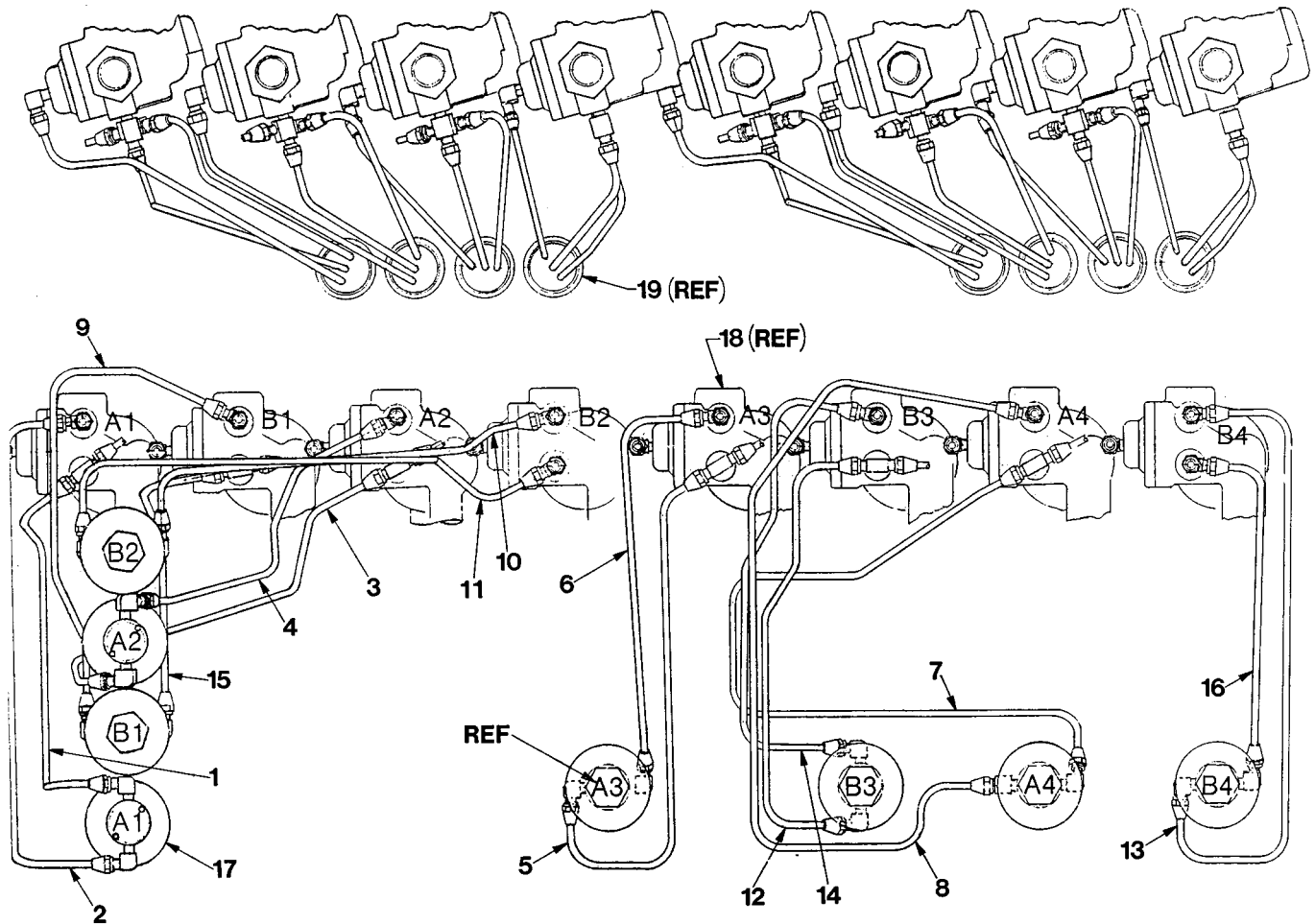
Pressure Regulator/Strainer Assembly

PA00970001

Plate 23



CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1	1	R14024	Check Valve CAP .
2	1	Q10068-21	O-Ring
3	1	R88744	Spring
4	1	K82056	Check Valve Assy (Includes Items 5 thru 9)
5	1	K80964-23	Pal Nut, 1/2 - 20
6	1	K82047	Washer
7	1	K81332	Disc
8	1	K78956-03	Valve
9	1	N16804-21	Valve Stem
10	1	W01455-10	Body
11	1	N18957	Filter Screen
12	1	Q10068-25	O-Ring
13	1	N20424	Valve Strainer Cap
14	8	K50773	Lockwasher, 1/4, Heavy
15	8	K43625	Bolt, Hex 1/4 - 20 x 3/4 Lg

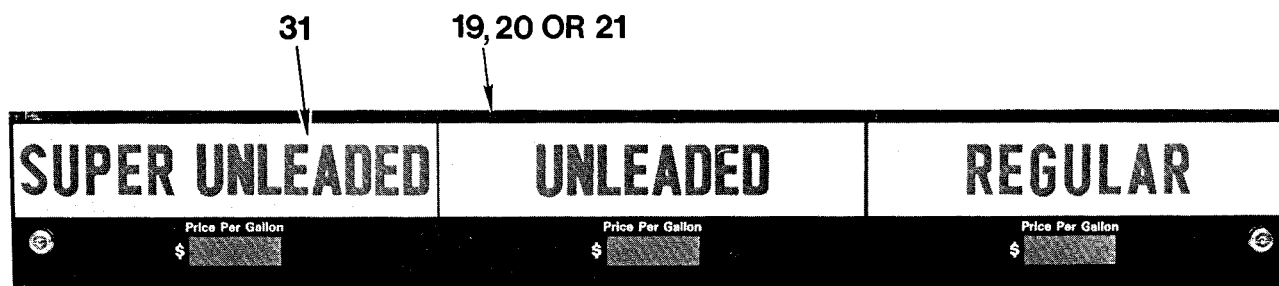
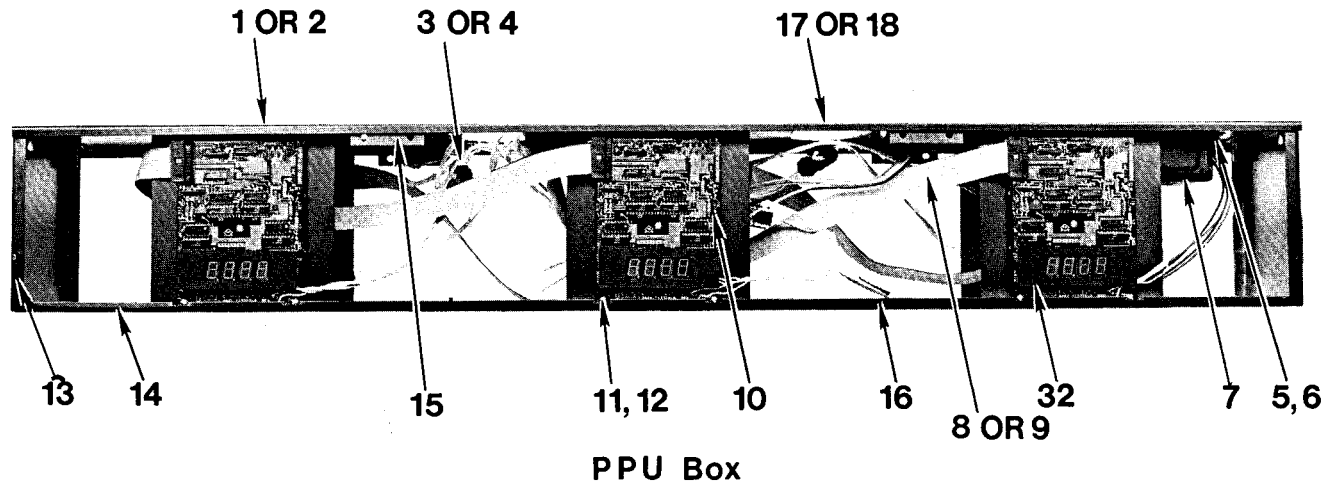


CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1	1	R18057	Inlet Tube (A1).
2	1	R18058	Outlet Tube (A1)
3	1	R18059	Inlet Tube (A2)
4	1	R18060	Outlet Tube (A2)
5	1	R18061-23	Inlet Tube (A3)
6	1	R18062	Outlet Tube (A3)
7	1	R18063	Inlet Tube (A4)
8	1	R18064	Outlet Tube (A4)
9	1	R18065	Outlet Tube (B1)
10	1	R18066	Inlet Tube (B2)
11	1	R18067	Outlet Tube (B2)
12	1	R18068	Inlet Tube (B3)
13	1	R18069	Outlet Tube (B4)
14	1	R18072	Outlet Tube (B3)
15	1	N22768	Inlet Tube (B1)
16	1	N22770	Inlet Tube (B4)
17	-	N20822	Solenoid Valve (See Plate 5)
18	-	T16138-XX	Hyd. Tree Assy (See Plate 14)
19	-	N20475-XX	Pilot Valve Assy. (See Plate 12)

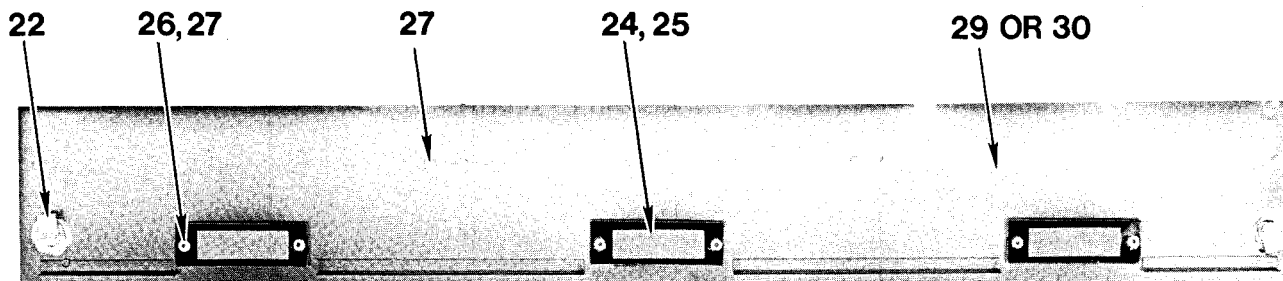
Electronic PPU Box Assembly

Plate 25

T15773-G1 (6 Hose), T15773-G2 (3 Hose)
T16028-G1 (8 Hose), T16028-G2 (4 Hose)



Front Panel (Front Side)



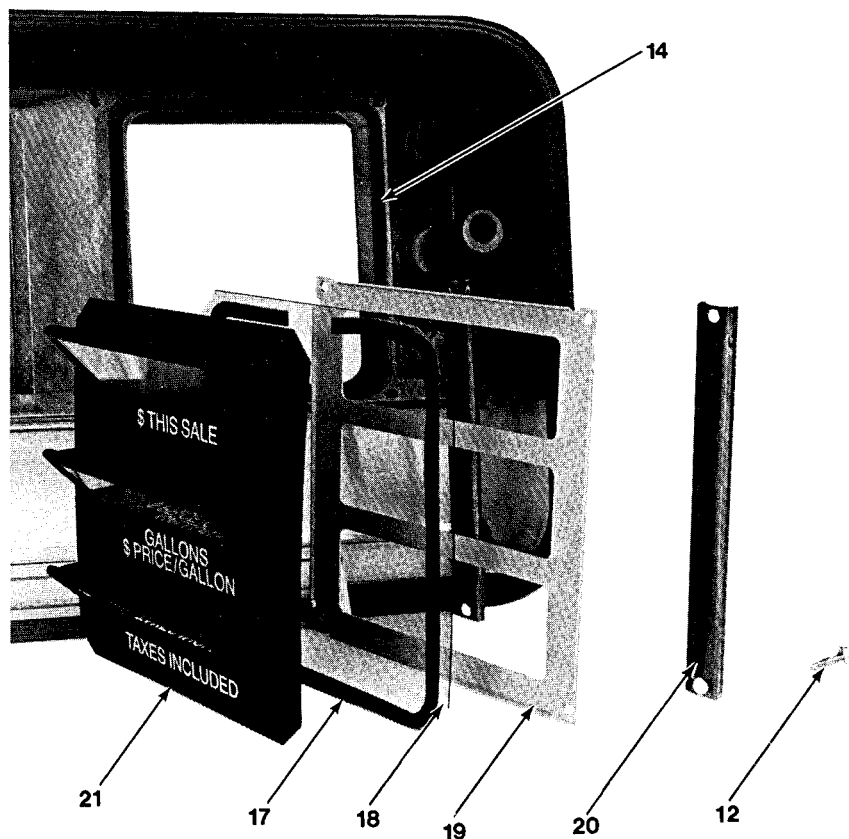
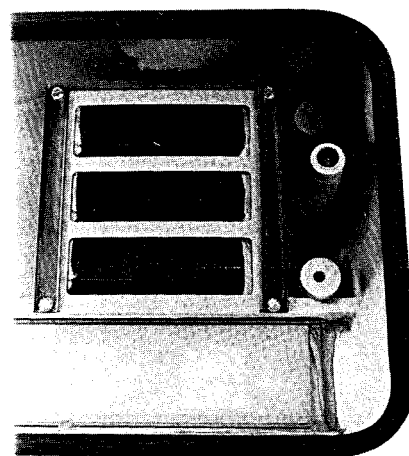
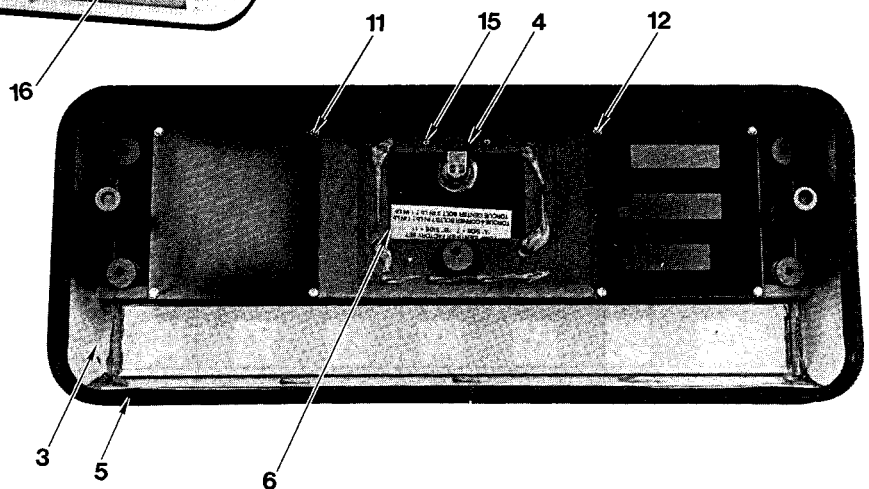
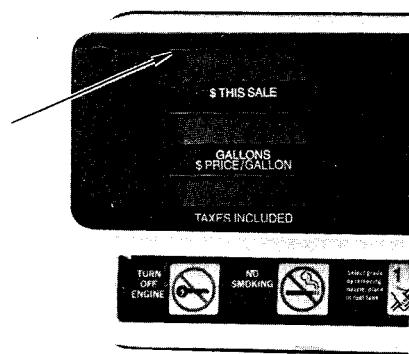
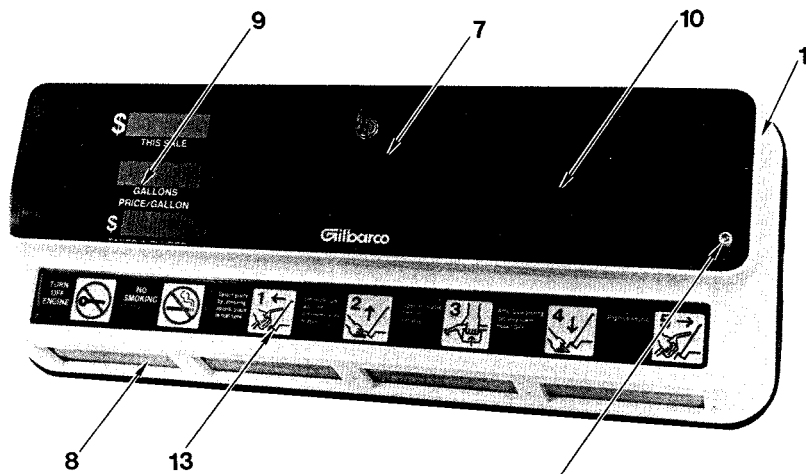
Front Panel (Back Side)

CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1	1	T15778-01	+PPU Box Welded Assy (3 Product)
2	1	T16027-G1	+PPU Box Welded Assy (4 Products)
3	*	T15399-G1	PPU Display Cable Assy. (3 Products)
4	*	T15399-G2	PPU Display Cable Assy (4 Products)
5	2	K43948	Lockwasher, 1/4
6	2	K07969-23	Nut, Hex, 1/4 - 20
7	1	Q10746-01	Ballast
8	1	T15393-G1	PPU Cable Assy (3 Product)
9	1	T16030-G1	PPU Cable Assy (4 Product)
10	*	T13372-G1	Price Posting PCB Assy.
11	*	Q11271-21	Screw, Phillips Hd., Self Thd, No. 4-40x1/2 Lg.
12	*	K50411-28	Lockwasher, No. 4
13	4	K92783-01	Gasket
14	2	K92783-02	Gasket
15	4	K92783-03	Gasket
16	4	K92784	Gasket
17	2	N22543	Gasket (3 Product)
18	2	N22543-01	Gasket (4 Product)
19	*	T15781-G2	+Front Panel Assy. - Blank (For 3 or 4 Hose Models)(Includes Items 22, 23, 28)
20	*	T15781-G1	+PPU Display Panel Assy. (3 Product) (Includes Items 22 thru 27, 29)
21	*	T15781-G3	+PPU Display Panel Assy (4 Product) (Includes Items 22 thru 27, 30)
22	2	Q10474-01	Lock Assy
23	A/R	END 1456	Adhesive
24	*	K92814	Filter
25	*	K92815	Filter Gasket
26	*	K66620	Lockwasher, No. 6 Light
27	*	K66857	Nut, Hex, No. 6-32
28	1	T15985-G1	+Blank PPU Display Panel (For 3 & 4 Hose Models)
29	1	T16029-G1	+PPU Display Panel (3 Product)
30	1	T16029-G2	+PPU Display Panel (4 Product)
31	*	R16080-XX	+Brand Panel
32	*	R16035-G1	Mask, Display

* Quantities Vary with Model
+ Shipping Order Item

Bezel Assembly

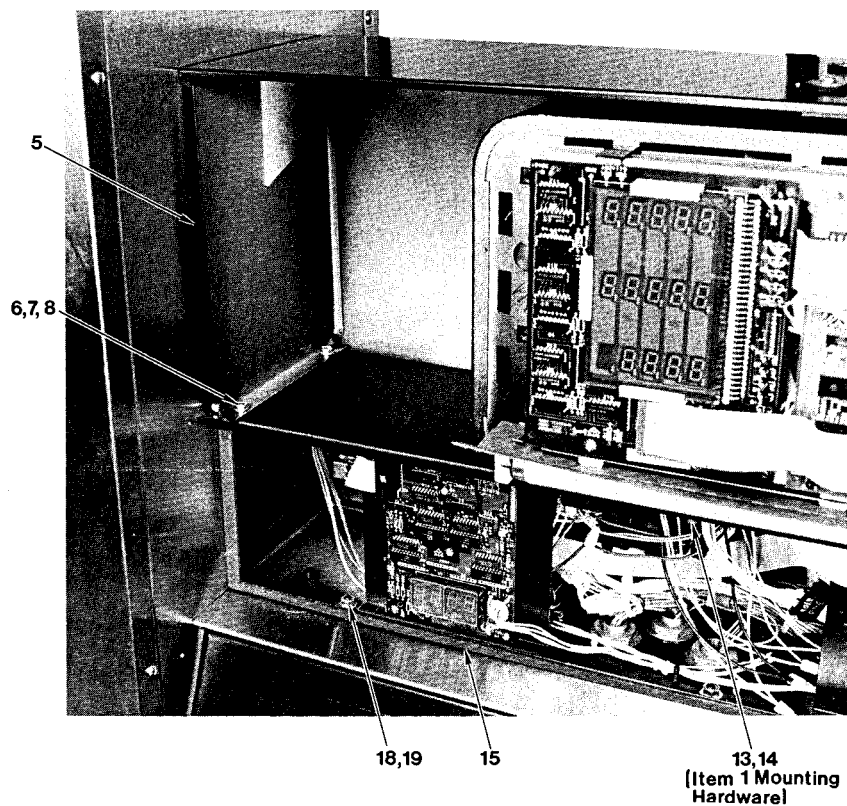
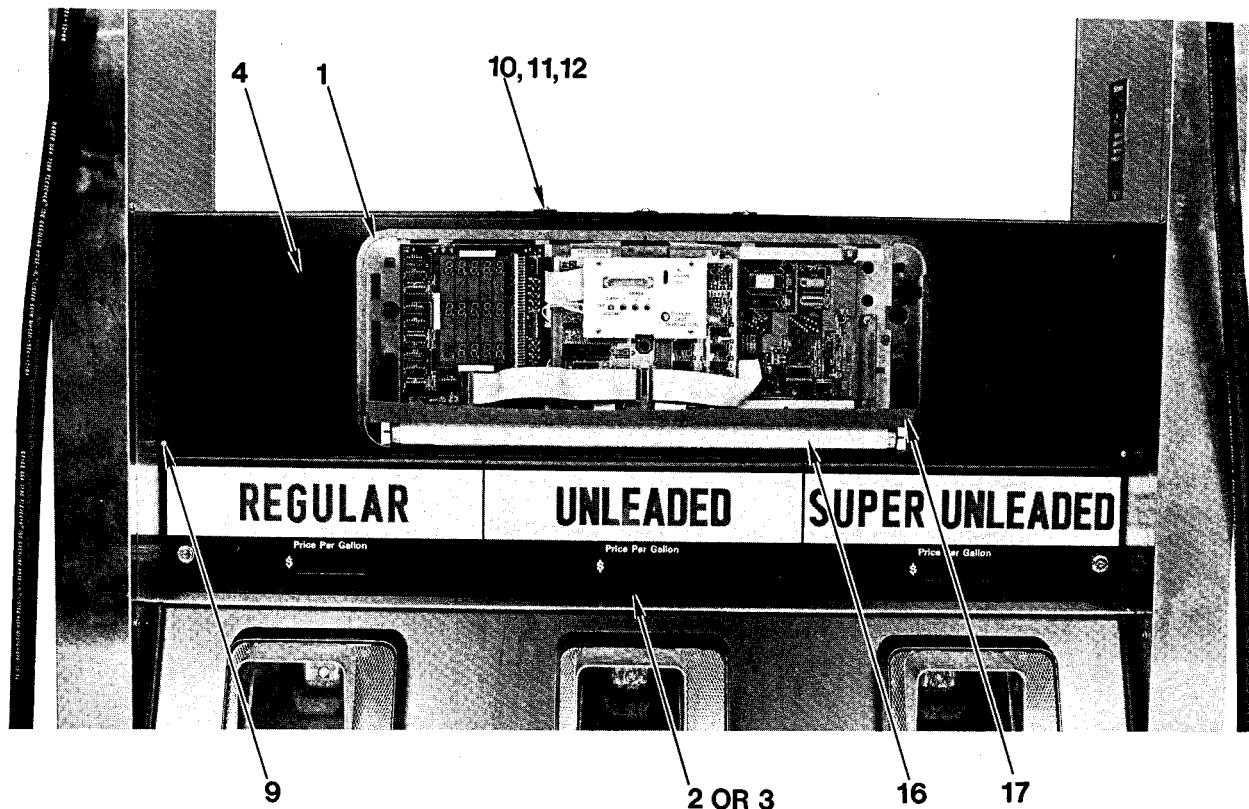
Plate 26



CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1	2	T12641-XX	+Bezel Assembly (includes items 3 thru 16)
2	2	T16049-XX	+Sunshade Bezel Assembly (includes items 3 thru 8, 10 thru 21)
3	1	T12496	#Bezel
4	1	R15174	Latch Plate
5	1	Q10546-02	Gasket, "U" Shape
6	1	R15181	Door Gasket
7	1	R15185-XX	#Door Assy
8	1	R15188-01	Extrusion, Plastic
9	1	R15176-011	#Face Plate, English-Gallons
10	1	R15175	#Blanking Plate
11	4	Q11657-24	Screw, Self Tapping, No. 6x3/8
12	4	Q11657-26	Screw, Self Tapping, No. 6x1/2
13	1	R15450-15	#Pictogram Instructions, English
14	2	R15596	Gasket
15	A/R	Q10084-19	Pop Rivet, 3/32x1/4 Grip
16	5	Q10036-16	Socket Hd. Cap Screw 1/4-20x3 1/4 Lg
17	1	R15596-02	Gasket
18	1	R17959-01	Lexan Faceplate Window
19	1	R15180	Faceplate Clamp
20	2	R17966-01	U-Channel Stiffener
21	1	T15101-XX	#Tiered Faceplate

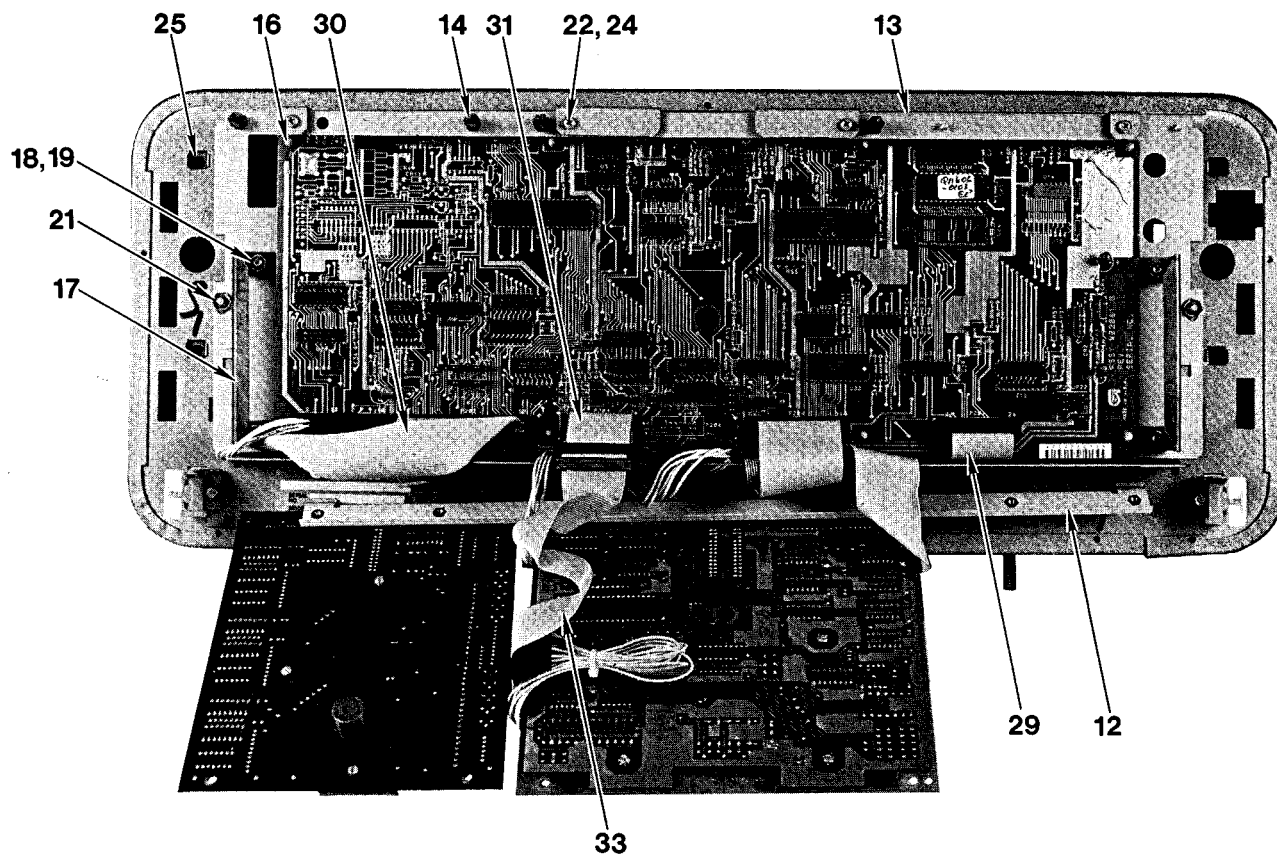
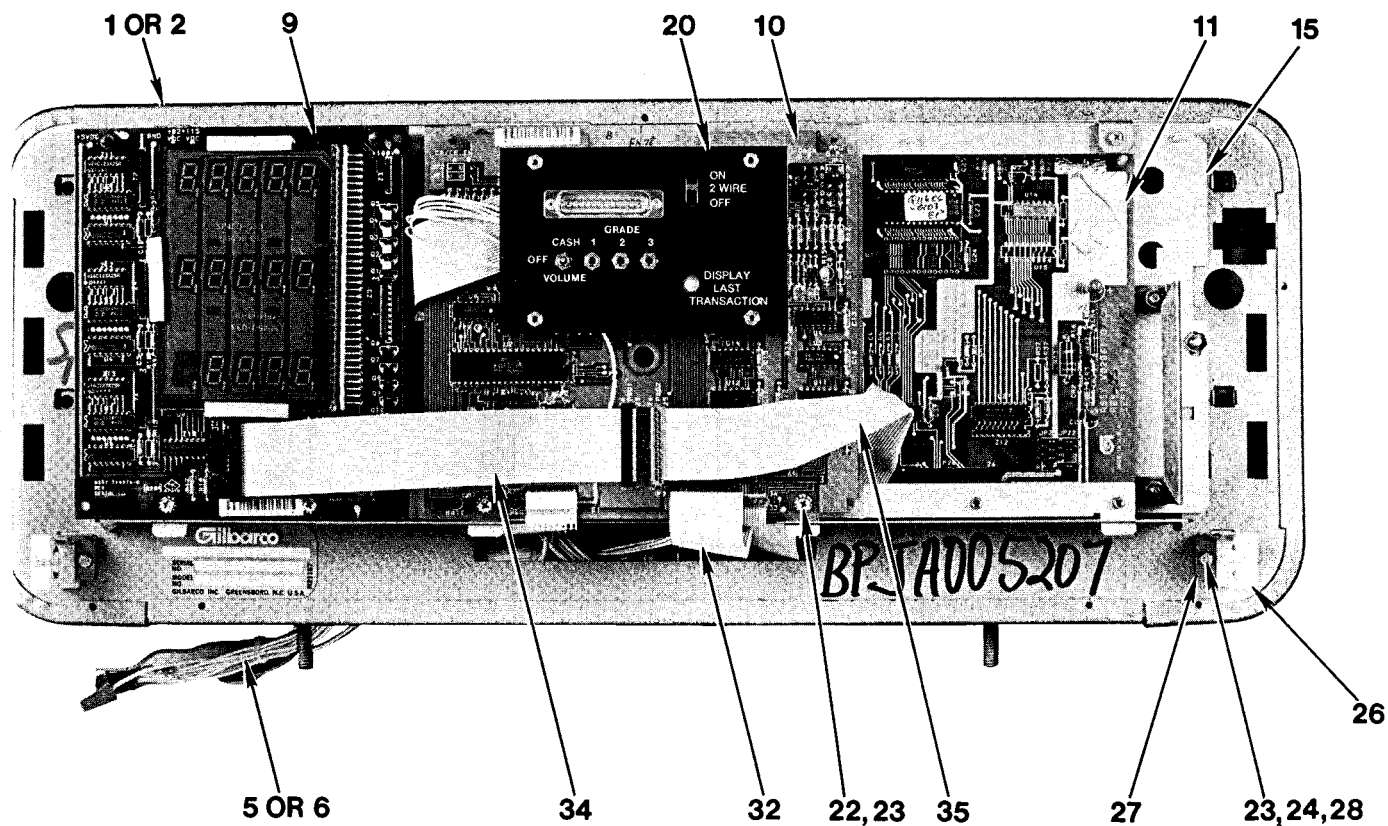
+ Shipping Order Items

When ordering these items complete color
and graphics information must be given



CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1	1	T15389-XX	+C.D.Module Assy (See Plate 28)
2	1	T15773-XX	+Electronic PPU Box Assy. (3 Product) (See Plate 25)
3	1	T16028-XX	+Electronic PPU Box Assy (4 Product)(See Plate 25)
4	2	T15801	+Accessory Panel
5	1	W02183-02	+Housing
6	4	Q10111-74	Screw, Pan Hd., No. 10-32x1/2 Lg
7	4	K73278-34	Lockwasher, No. 10
8	4	K65235-22	Washer, No. 10
9	4	Q11647-01	Screw, Phillips, Pan Hd., s-stl., No. 6-32x3/8 Lg
10	6	Q11647-02	Screw, Phillips, Pan Hd, s-stl., No. 10-32x1 Lg
11	6	N16599-91	Washer
12	6	K80671-25	Washer, Rubber
13	4	K73278-28	Lockwasher, Split, 5/16
14	4	K01942	Nut, Hex, 5/16-18
15	2	T16136	Vapor Barrier Sheathing
16	2	N21144-G1	Lamp
17	2	R15283	Light Shield
18	6	K14056	Washer 1/4
19	6	K01941	Nut, Hex, 1/4-20

+ Shipping Order Item



CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1	1	T15389-G1	+C.D.Module Assy 6 Hose (Includes Item 3, 9-15, 20-24, 29-32, 34, 35, 36)
2	1	T15389-G3	+C.D.Module Assy, 8 Hose (Includes Item 4, 9-15, 20-24, 29-32, 34, 35, 36)
3	1	T15396-G1	+Housing Assy., 6 Hose (Includes Item 5, 7, 23, 24, 27, 28)
4	1	T15396-G2	+Housing Assy., 8 Hose (Includes Item 6, 8, 23, 24, 27, 28)
5	1	T15392-G1	Cable Assy (CAB)
6	1	T15392-G2	Cable Assy., Universal, (CA-8)
7	1	T13347-G11	Chassis Assy.
8	1	T13347-G13	Chassis Assy
9	1	T14974-G1	Display PCB Assy (See Plate 35)
10	1	T15077-G1	Display Interface PCB Assy (See Plate 37)
11	1	W02061-G1	Z80 Logic PCB Assy (See Plate 34)
12	1	T15105-G1	Bottom Support Bracket
13	1	T15106-G1	Top Support Bracket
14	*	Q10621-02	Circuit Board Support, Threaded
15	1	T12844-G1	Logic Panel Assy (See Plate 40)
16	8	Q10651-03	Circuit Board Support, Locking 3/8
17	2	N21119	Handle (Part of Item 15)
18	4	K73278-33	Lockwasher, Split No. 8 (Part of Item 15)
19	4	K67365	Nut, Hex No. 8-32 (Part of Item 15)
20	1	R17694-G1	Front Operator Panel Assy (Includes Item 33)
21	6	Q10660-04	Nut, Single Thd. No. 10-32
22	A/R	Q11270-32	Screw, Phillips PH, No. 6-32x1/4 Lg.
23	A/R	K46212	Lockwasher, No. 6
24	A/R	K73278-32	Lockwasher, Split, No. 6
25	8	K75204	Retainer Nut
26	4	K87111	Lamp Holder
27	4	N21142	Leaf Spring
28	4	Q10111-38	Screw, Pan Hd., No. 6-32x5/8 Lg
29	1	R15920-G2	Cable Assy., CA-1
30	1	R15624-G1	Cable Assy, CA-2, Logic to Reg.
31	1	T12939-G1	Cable Assy., CA-3
32	1	R17681-G1	Cable Assy., CA-4, Logic to Display
33	1	R15619-G2	Cable Assy., CA-5, Front Oper. Panel to Logic
34	1	R17736-G1	Cable Assy., CA-9, Intfc to Fr. Display
35	1	R17724-G1	Cable Assy., CA-10, Intfc to Rear Display
36	1	R15627-G1	Cable Assy., CA-7, Reg. to Relay
37	1	R15627-G3	Cable Assy., CA-7, Reg. to Relay PCB on 4 Product Models Only.

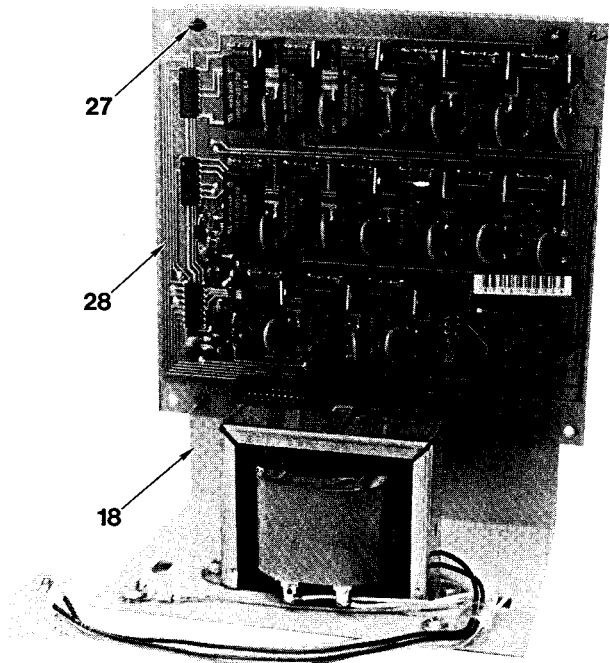
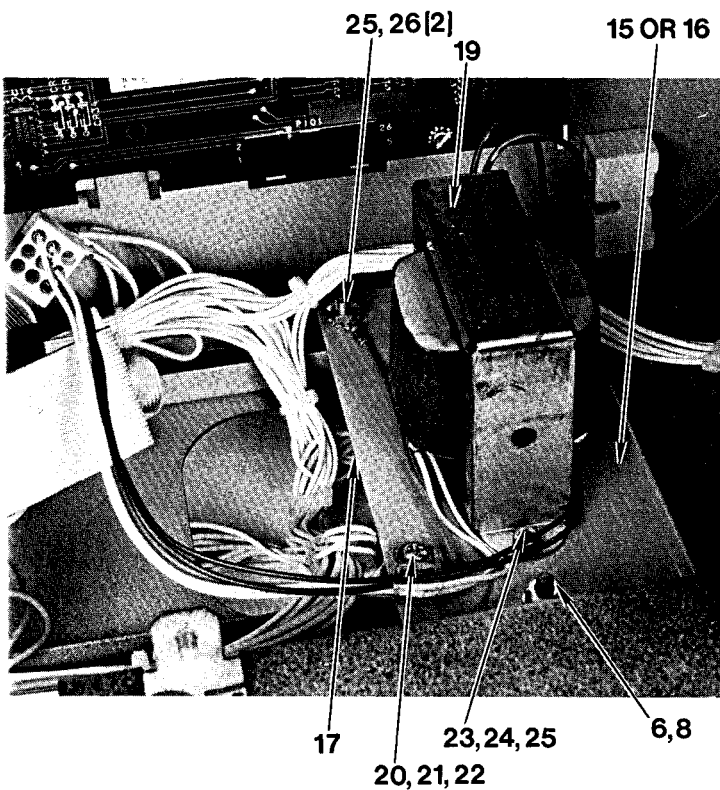
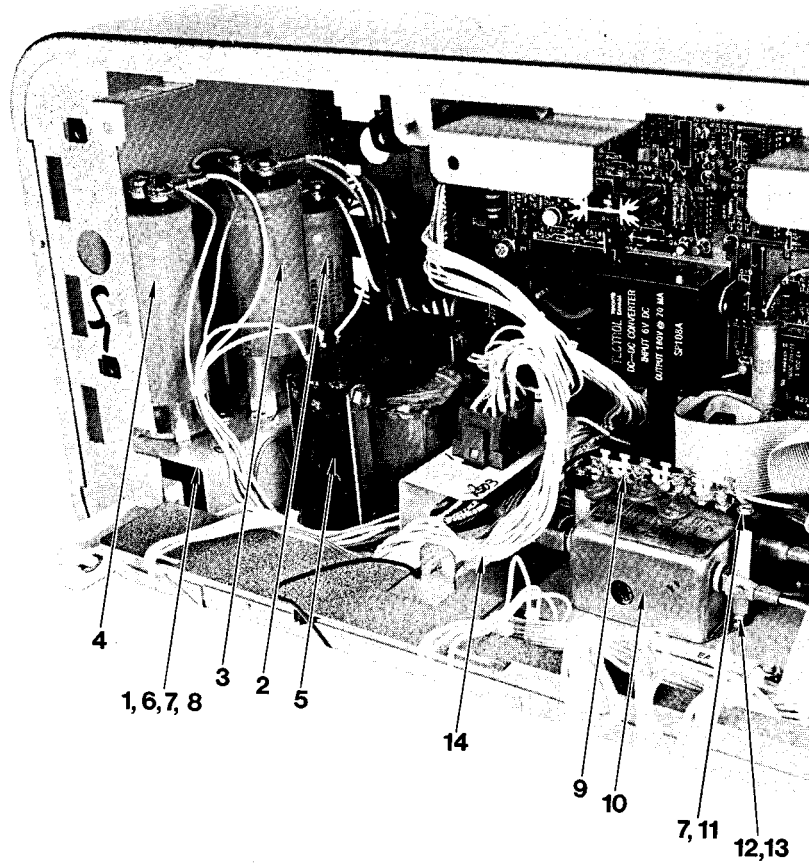
+ Shipping Order Item

* Quantities vary with Model

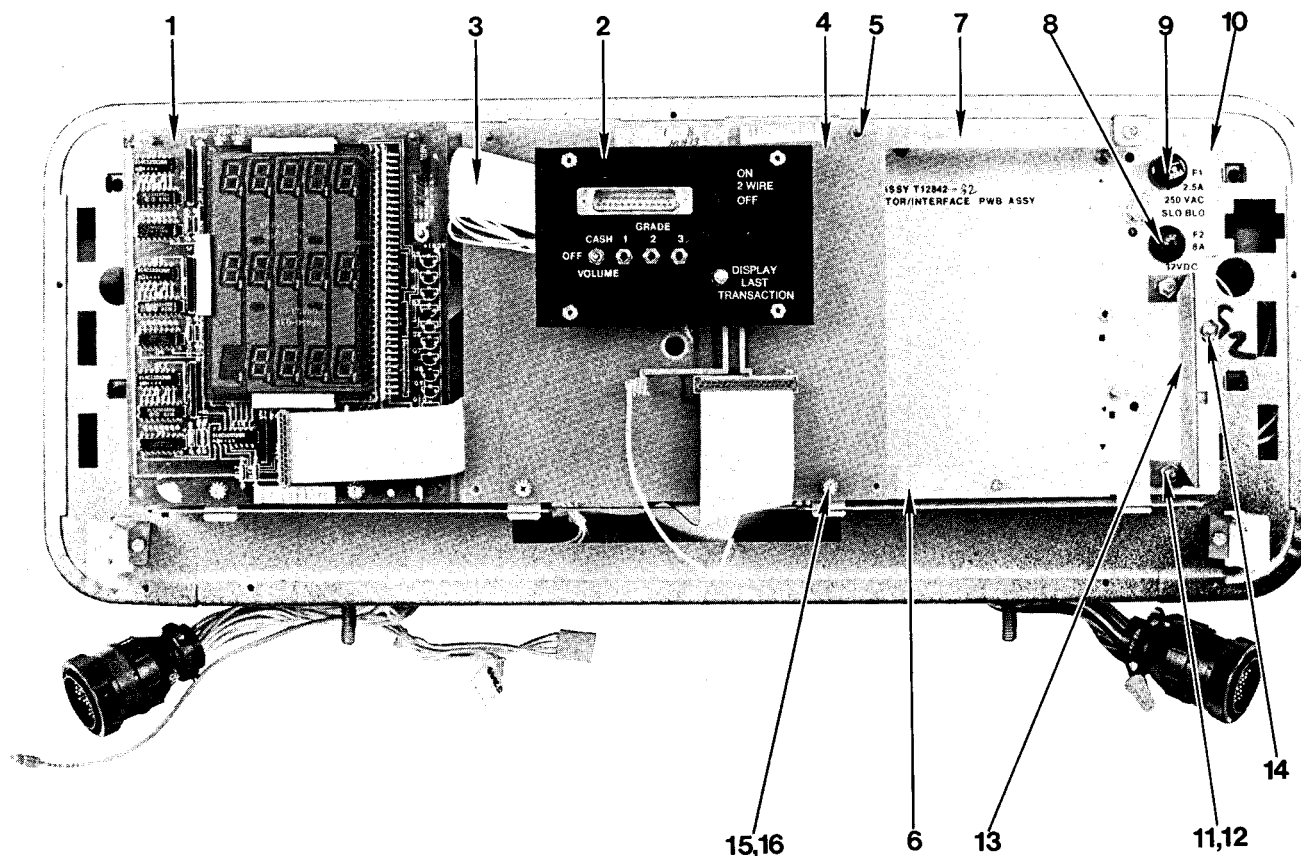
NOTE: Items 36 and 37 not shown.

Power Supply - Line Filter - Transformer Assembly

Plate 29



CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1	1	T12846-G1	Power Supply Assy (Includes Items 2 thru 5)
2	1	Q10271-22	Capacitor, 260 UF, 350V (C3)
3	1	Q10271-06	Capacitor, 16000 UF, 25V (C4)
4	1	Q10271-21	Capacitor 8700 UF, 40V (C5)
5	1	Q10545	Power Transformer (T1)
6	A/R	K22733	Nut, Hex, No. 10-32
7	A/R	K65235-22	Washer, No. 10
8	A/R	K50866	Lockwasher, No. 10
9	1	T14893-G1	Terminal Strip & Cable Assy.
10	1	Q10895-04	Filter, EMI, 10 Amp (FL1)
11	2	Q10111-21	Screw, P. Hd. No. 4-40x1/2
12	2	K07969-29	Nut, Hex, No. 4-40
13	2	K50411-28	Lockwasher No. 4
14	1	T15392-XX	Cable Assy. Ca-8 (Ref., See Plate 28)
15	1	R17688-G1	Transformer Chassis Assy. (6 Hose) (Includes Items 17 or 18, 19 thru 27)
16	1	R17688-G2	Transformer Chassis Assy (8 Hose) (Includes Items 18 thru 27)
17	1	R17686-C1	Chassis Assy. (3 Product)
18	1	T16026-G1	Chassis Assy., Universal (4 Product)
19	1	R16936-G1	Transformer-Cable Assy.
20	1	Q10229-09	Cable Clamp, 3/8 dia.
21	1	Q11270-34	Screw, Phillips, P.Hd. No. 6-32x3/8 Lg.
22	1	K65235-23	Washer, No. 6
23	2	Q11270-51	Screw, Phillips P.Hd. No. 8-32x3/8 Lg
24	2	K73278-33	Lockwasher, Split No. 8
25	3	K67365	Nut, Hex, No. 8-32.
26	2	K50411-23	Lockwasher, No. 8
27	4	Q10621-02	PC Board Support
28	1	T14390-G5	Relay PCB Assy (See Plate 33).

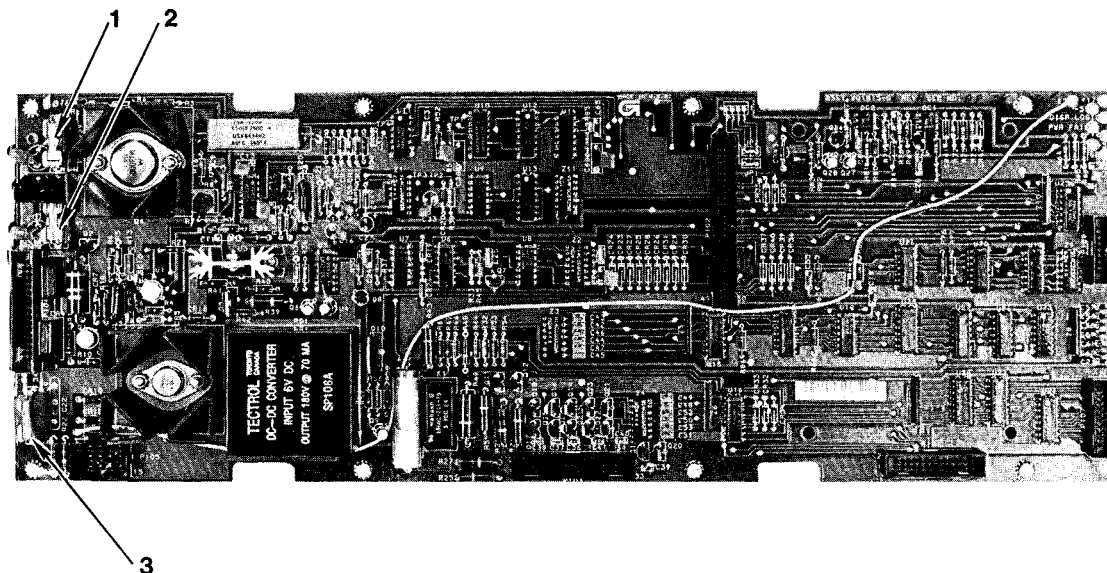


CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1	1	T14974-G1	Display PCB Assy
2	1	R17694-G2	Rear Operator Panel Assy (Includes Item 3)
3	1	R15620-G2	Cable Assy., CA-6 Rear Operator Panel to Logic.
4	1	T15157-G1	Display Last Transaction Assy.
5	4	Q10621-02	Circuit Board Support, Threaded
6	1	T15105-G1	Bottom Support Bracket
7	1	T15106-G1	Top Support Bracket
8	1	Q10592-02	Fuse, 8 Ag, 8 Amp, 32V Fast-Blo(F2)
9	1	Q10131-21	Fuse, 3Ag, 2.5 Amp, 250V, Slo-Blo (F1)
10	1	T12842-G2	Regulator Panel Assy. (See Plate 39)
11	4	K73278-33	Lockwasher, Split, No. 8 (Part of Item 10)
12	4	K67365	Nut, Hex, No. 8-32 (Part of Item 10)
13	2	N21119	Handle (Part of Item 10)
14	6	Q10660-04	Nut, Single Thd., No. 10-32
15	4	Q11270-32	Screw, Phillips, P.Hd. No. 6-32x1/4 Lg
16	12	K46212	Lockwasher No. 6

Regulator PCB

Plate 31

W01815-G1 (6 Hose Models Only)

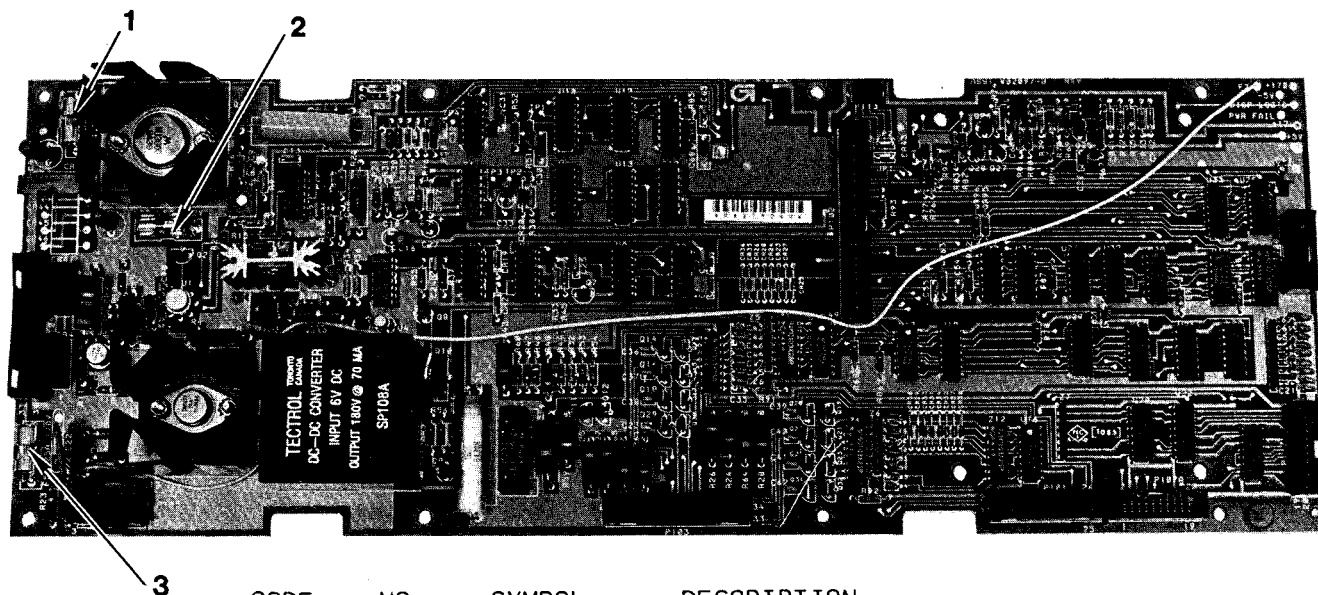


CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1	1	Q10444-04	Fuse, 1.5 Amp, 32V (F4)
2	1	Q10444-01	Fuse, .5 Amp, 125V (F3)
3	1	Q10444-05	Fuse, .25 Amp, 125V (F5)

Regulator PCB

Plate 32

W02097-G1 (All Models)

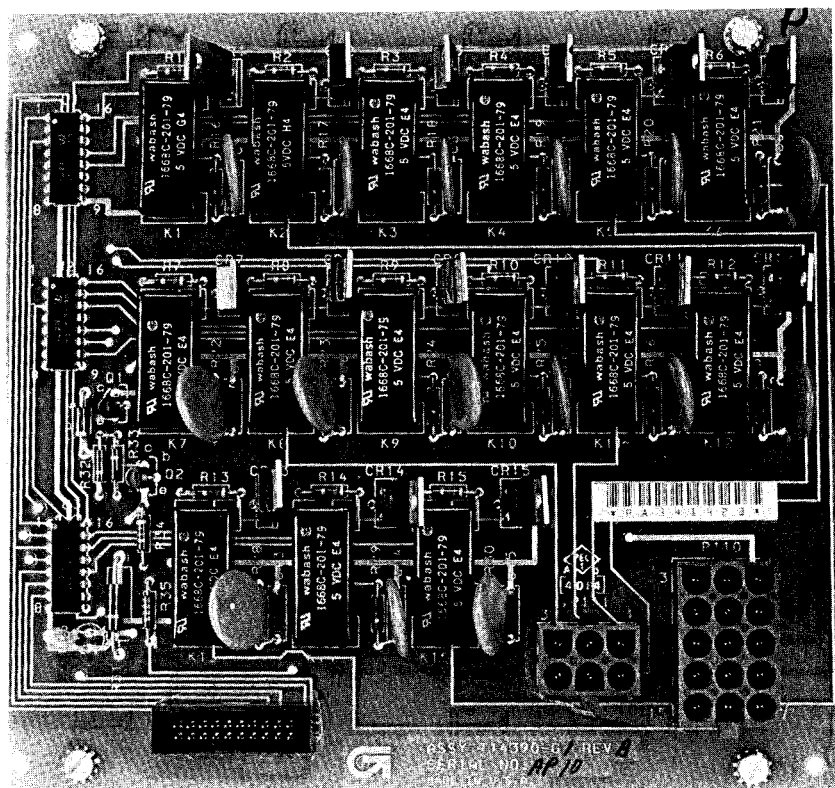


CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1	1	Q10444-04	Fuse, 1.5 Amp, 32v (F4)
2	1	Q10444-01	Fuse, .5 Amp, 125V (F3)
3	1	Q10444-05	Fuse, .25 Amp, 125V (F5)

Relay PCB

Plate 33

T14390-G1
T14390-G5



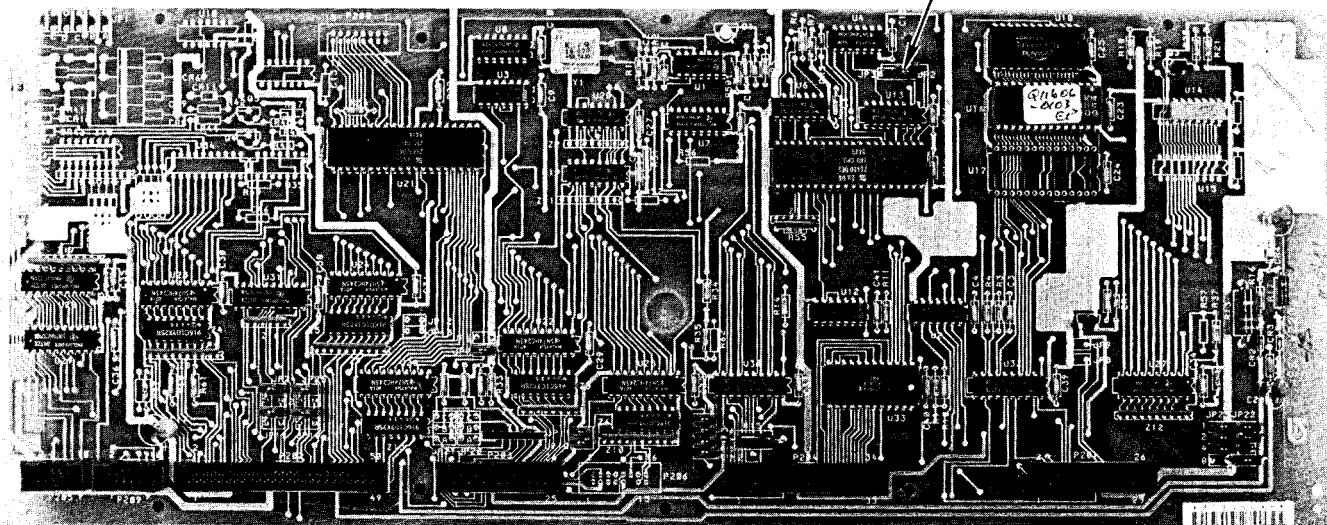
T14390-G1 is used on
Both 3 & 4 Product Models

T14390-G5 is used on 4 Product
Models Only. It has K1, K4, K7,
K10, & K13 and associated
circuitry and does not have
P111.

Z 80 Logic PCB

Plate 34

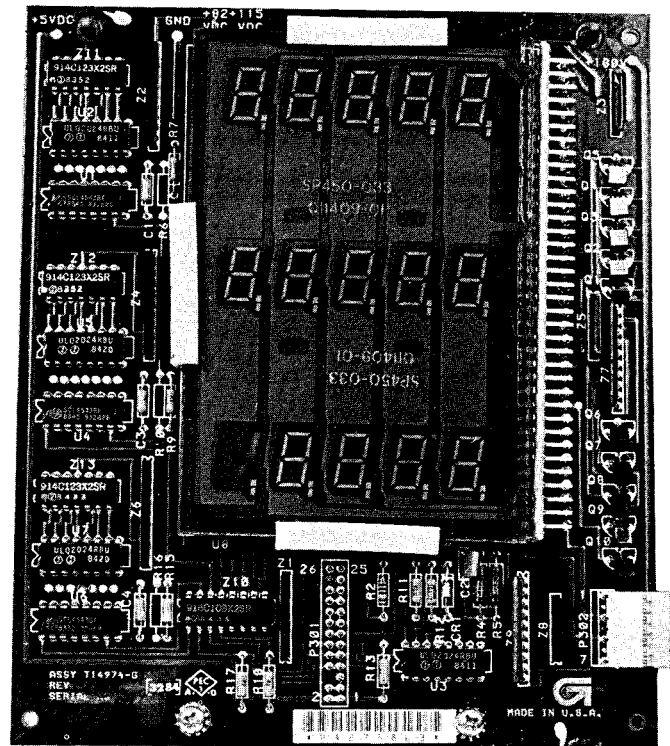
W02061-G1



CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1	A/R	Q10890-01	Jumper Jack

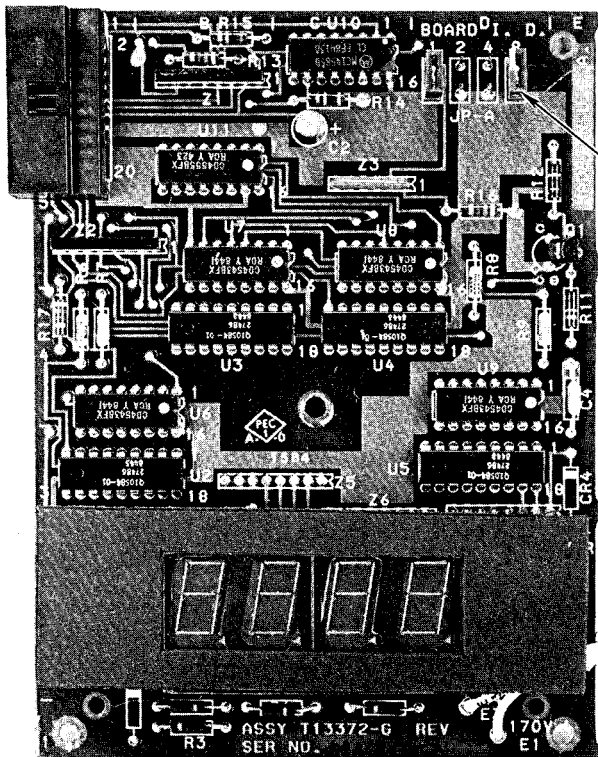
Display PCB T14974-G1

Plate 35



Display PCB - Price Posting T13372-G1

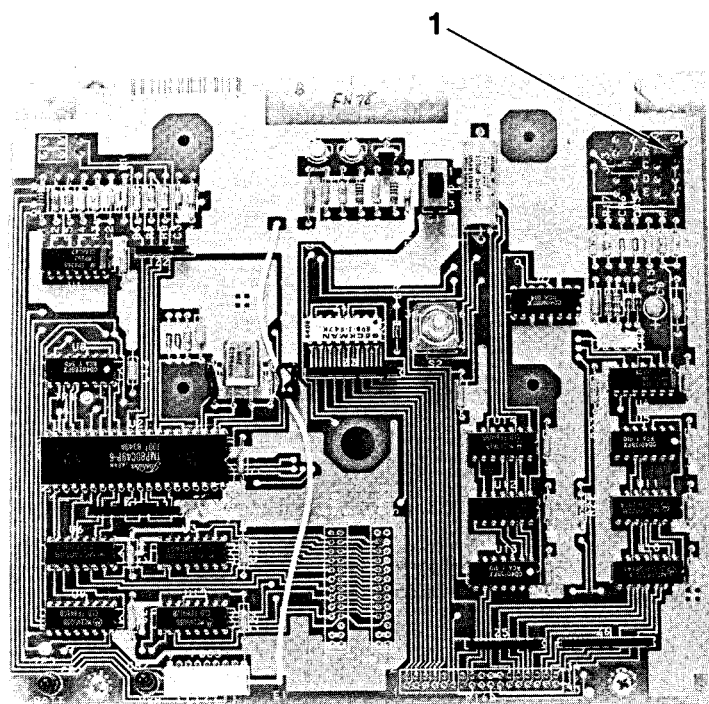
Plate 36



CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1	A/R	Q10890-01	Jumper Jack

Display Interface PCB T15077-G1

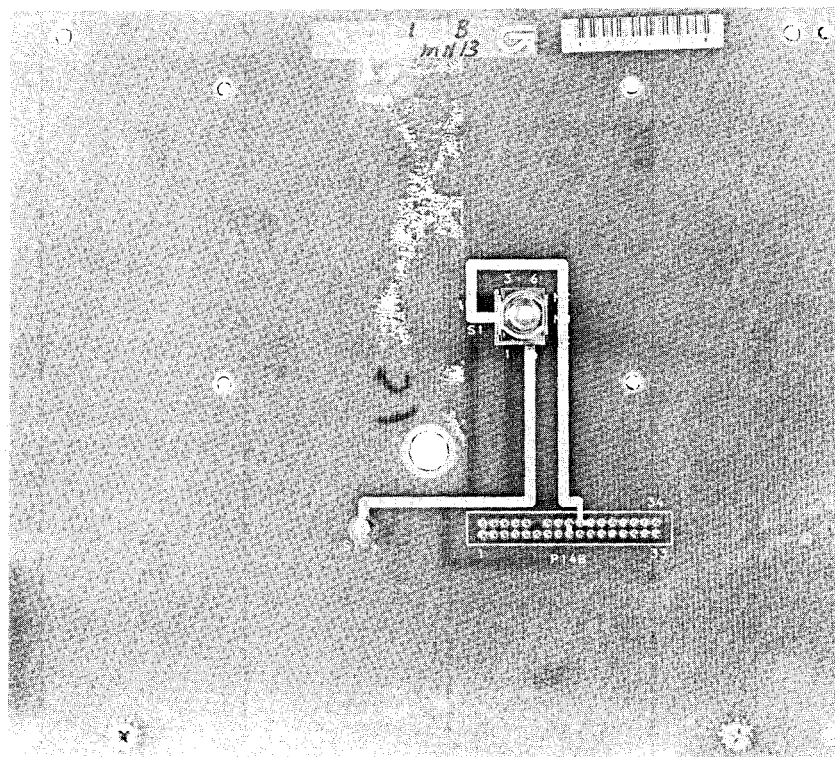
Plate 37



CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1	A/R	Q10890-01	Jumper Jack

Display Last Transaction PCB T15157-G1

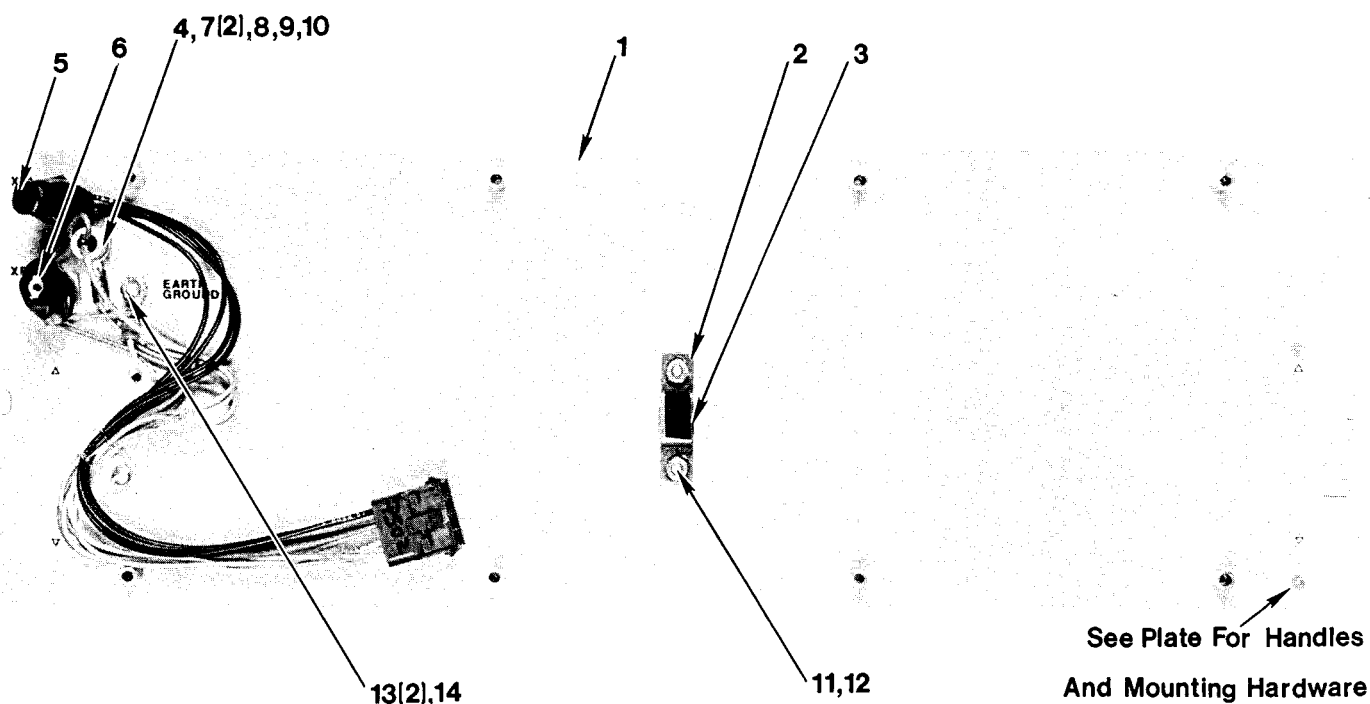
Plate 38



Regulator Panel Assembly

T12842-G2

Plate 39

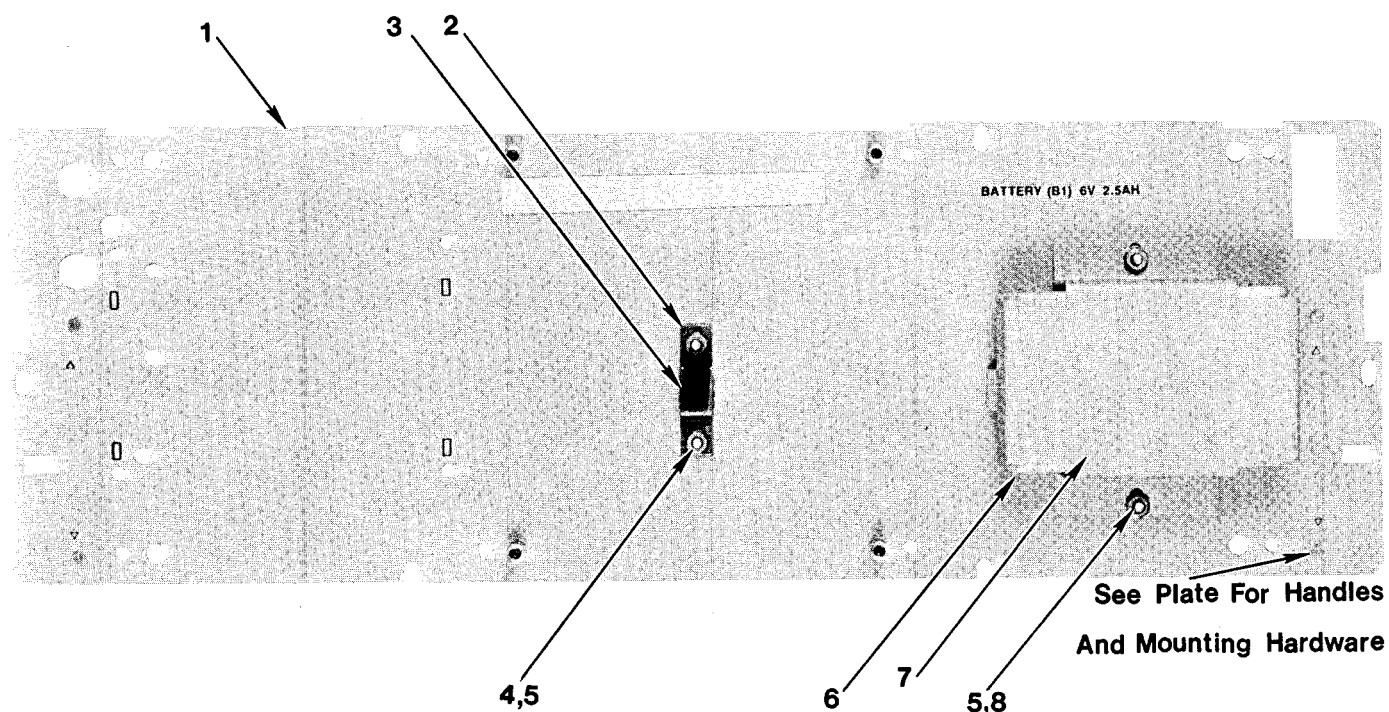


CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1	1	T12842-G1	Regulator Panel Sub Assy.
2	1	N20960	Bracket
3	1	K75204	Retainer Nut
4	1	Q10589-01	Triac-2N5569 (CR1)
5	1	Q10367-01	Panel Fuse Holder
6	1	Q10591-01	Fuse Holder 8 AG
7	2	Q10386-07	Insulated Shoulder Washer
8	1	K65235-20	Washer, 1/4
9	1	K43948	Lockwasher, 1/4
10	1	K43973	Nut, Hex 1/4-28
11	2	K73278-33	Lockwasher, Split, No. 8
12	2	K67365	Nut, Hex, No. 8-32
13	2	K50866	Lockwasher, No. 10
14	1	K22733	Nut, Hex, No. 10-32

Logic Panel Assembly

T12844-G1

Plate 40



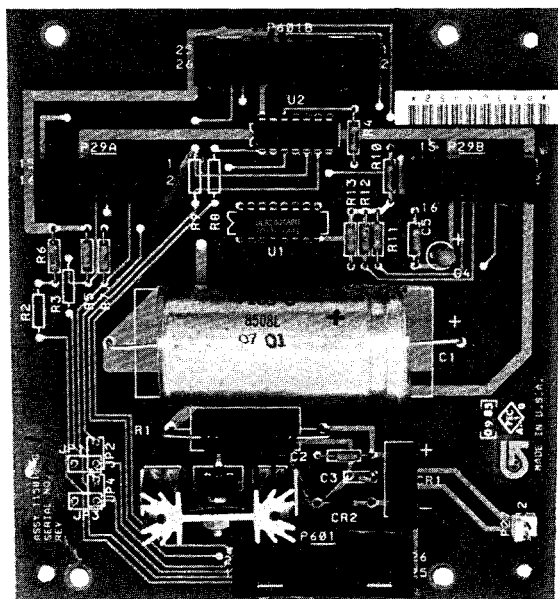
CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1	1	T12844-G2	Logic Subassy.
2	1	N20960	Bracket
3	1	K75204	Retainer Nut
4	2	K73278-33	Lockwasher, Split, No. 8
5	4	K67365	Nut, Hex, No. 8-32.
6	1	Q10670-01	Battery, lead acid, 6V., 2.5 Amp -HR
7	1	R15337	Battery Bracket
8	2	K50411-23	Lockwasher, No. 8

NOTE: Items 6, 7, & 8 are not part of T12844-G1 or T12844-G2 Assy.

*For replacement battery, order Q10670-01.

Key Control Option

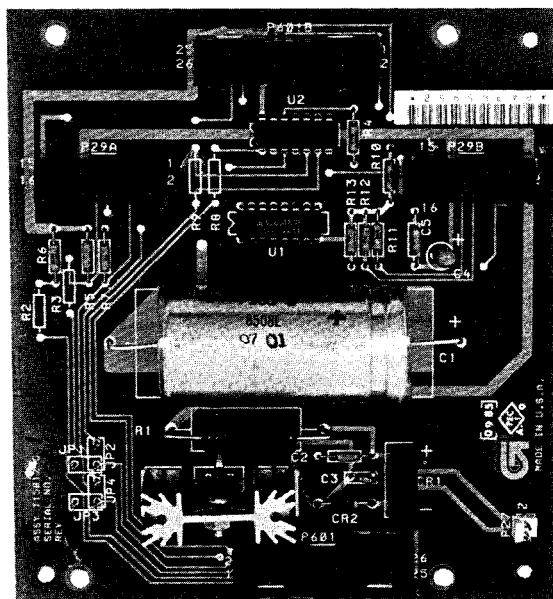
Plate 41



CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1	1	T15817-G1	Cash/Credit PCB Assy
2	4	Q10651-06	Circuit Board Support
3	1	R17813-G1	Cable Assy., Keylock
4	1	R17813-G2	Cable Assy., Keylock

Cash Credit Option

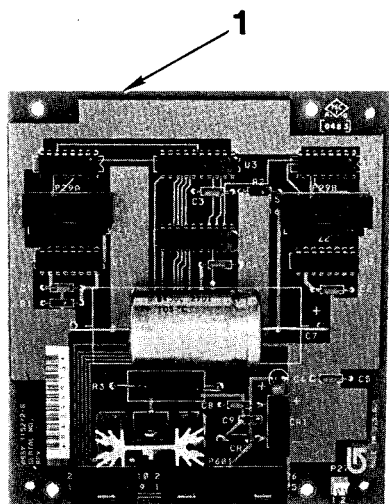
Plate 42



CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1	1	T15817-G1	Cash/Credit PCB Assy
2	4	Q10651-06	Circuit Board Support
3	1	R17812-G1	Cable Assy., Cash/Credit
4	1	R17812-G2	Cable Assy., Cash/Credit

Pump Preset Option

Plate 43

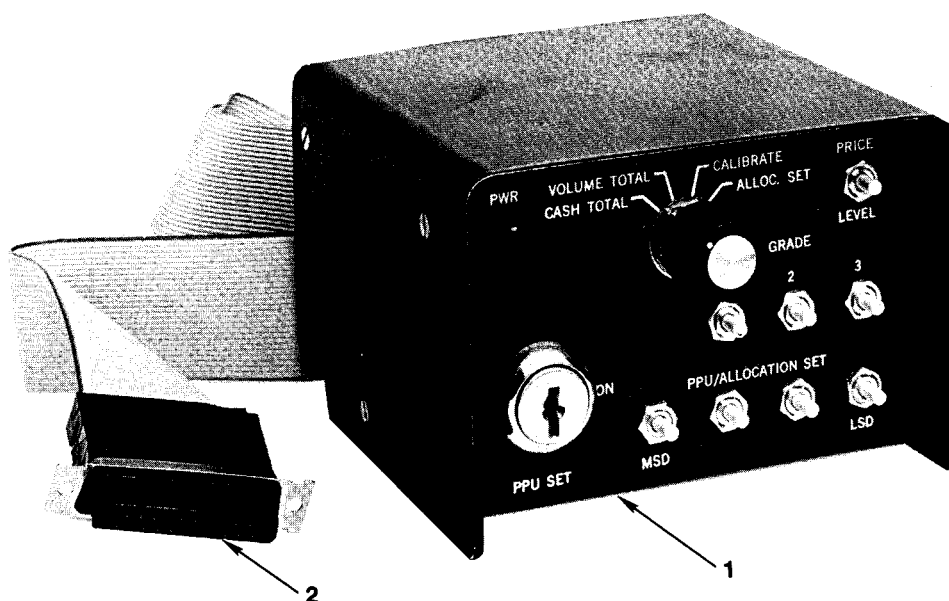


CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1	1	T15272-G1	Pump Preset Interface PCB Assy
2	4	Q10651-06	Circuit Board Support
3	1	R15920-G2	Cable Assy.No. 1
4	1	R17807-G1	Cable Assy., Logic to Pump Preset
5	1	R15768-G3	Cable Assy., Pump Preset
6	1	R15768-G4	Cable Assy., Pump Preset

NOTE: Items 2 thru 6 not shown

Command Module PA01390001

Plate 44



CODE NO.	NO. REQ.	SYMBOL NO.	DESCRIPTION
1	1	R15340-G1	MPD Operator Command Module
2	1	T12932-G1	Cable Assy.

Notes

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