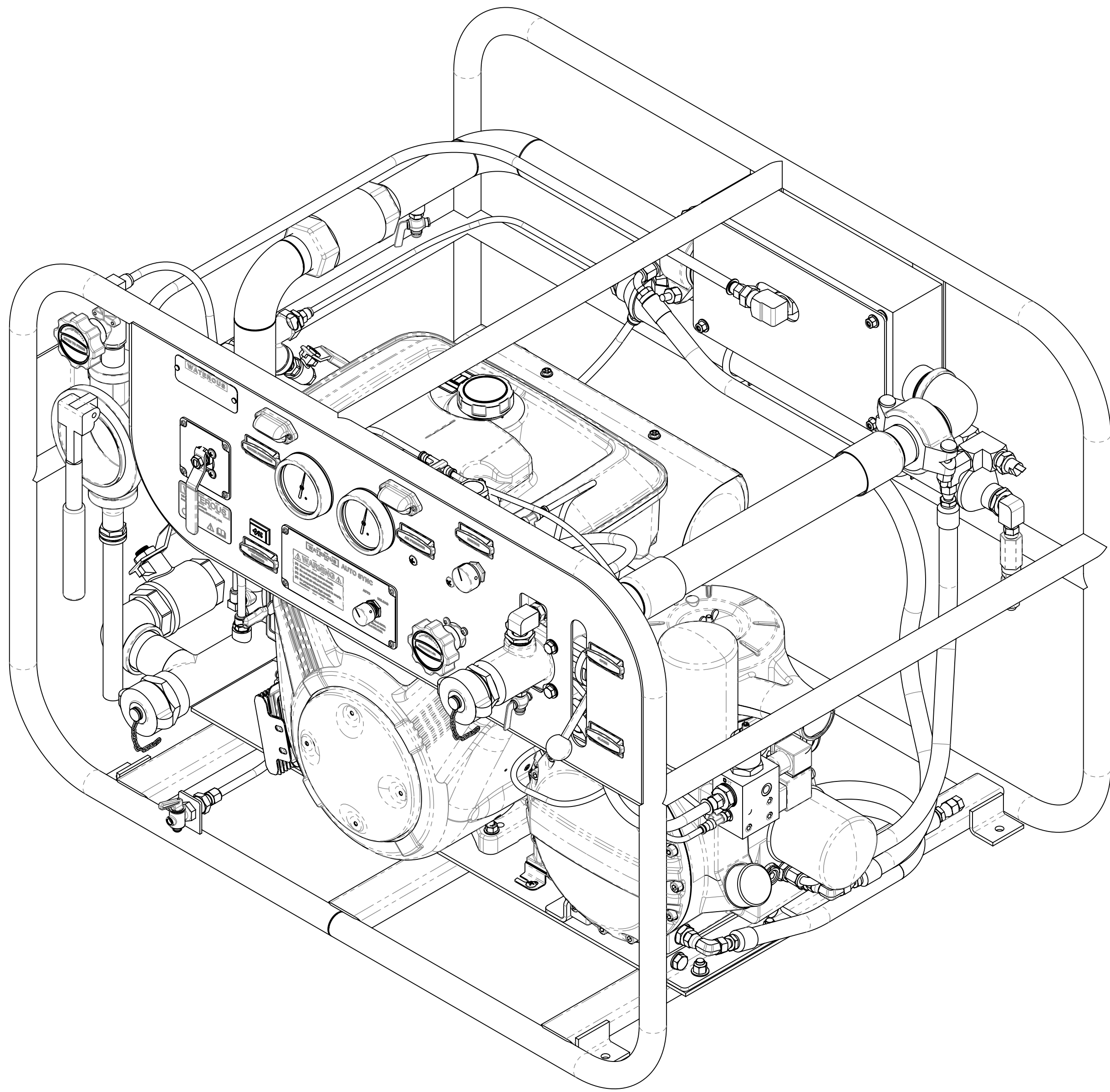
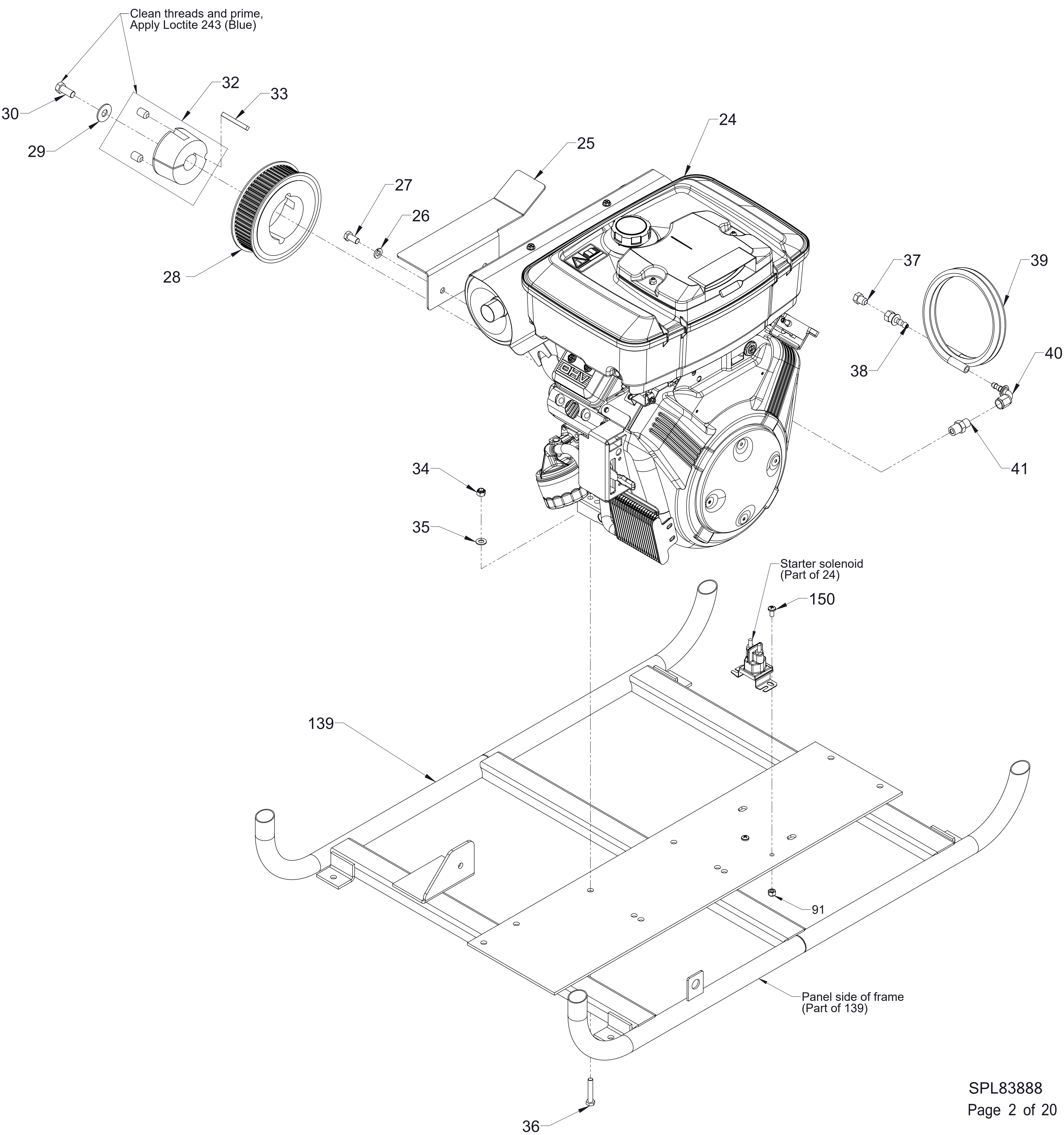


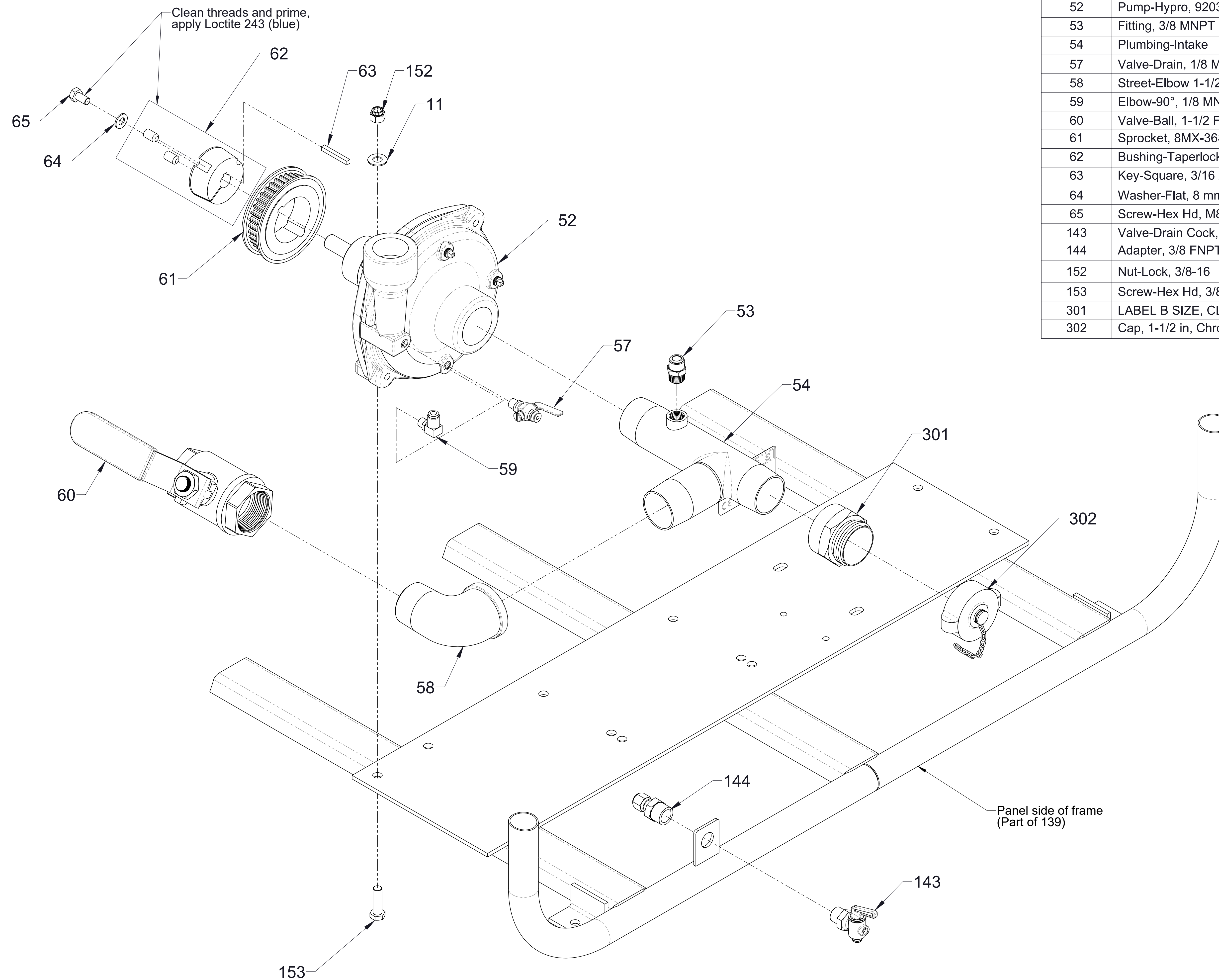
70-35-GP Portable CAFS Unit Service Parts List



Component			See Page
Engine			2
Water Pump			3
Compressor	PMC		4
	Mounting		5
Belt Drive			6
Cooler			7
Balance Valve			8
Primer			9
Fire Troll System	Body and Piping		10
	Panel		11
Discharge Valve			12
Panel	Layout		13
	Gauges, Lights, Plates		14
	Air Controls		15
Tubing and Hoses	Air	Balance Valve, Auto- Sync, Air Pressure Gauge, PMC, Compressor	16
		Compressor	17
	Water and Foam	Pump, Primer, Foam System	18
Wiring	Harness		19
	Engine		20

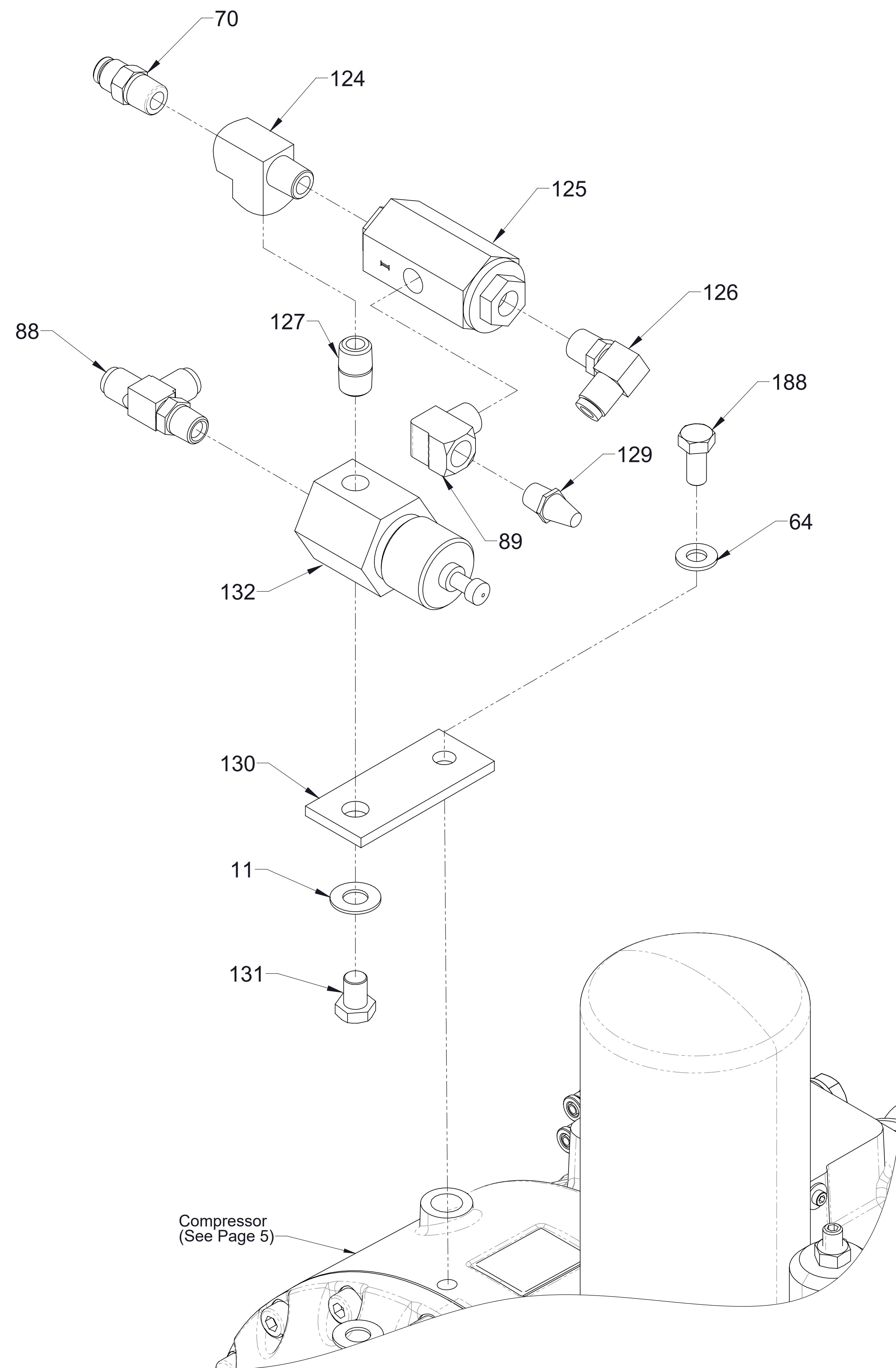
Ref No.	Description
24	Engine-Vanguard, 23 HP
25	Braket-Heat Shield
26	Washer-Lock, 3/8 in.
27	Screw-Hex Head, 3/8-16 x 3/4 in.
28	Sprocket-Drive, 60 Groove
29	Washer-Flat, 1/2 ID x 1-1/4 OD
30	Screw-Hex Hd, 7/16-20 x 1 in.
32	Bushing-Taperlock, 1-1/8 x 2517
33	Key-Square, 1/4 x 2-1/4 in.
34	Locknut-Flex Top, 5/16-18
35	Washer-Flat, 5/16 in.
36	Screw-Hex Hd, 5/16-18 x 1-3/4 in.
37	Plug-Hex, 6 MJIC
38	Barb-Hose, 3/8 x 6 FJIC
39	Hose-Push on, 3/8 in.
40	Elbow, 3/8 Barb x 6 FJIC
41	Adapter, 3/8 MNPT x 6 MJIC
91	Nut-Hex, Nylok, 1/4-20
139	Frame-Weldment
150	Screw-Machine, Pan Hd, 1/4-20 X 1/2 in.





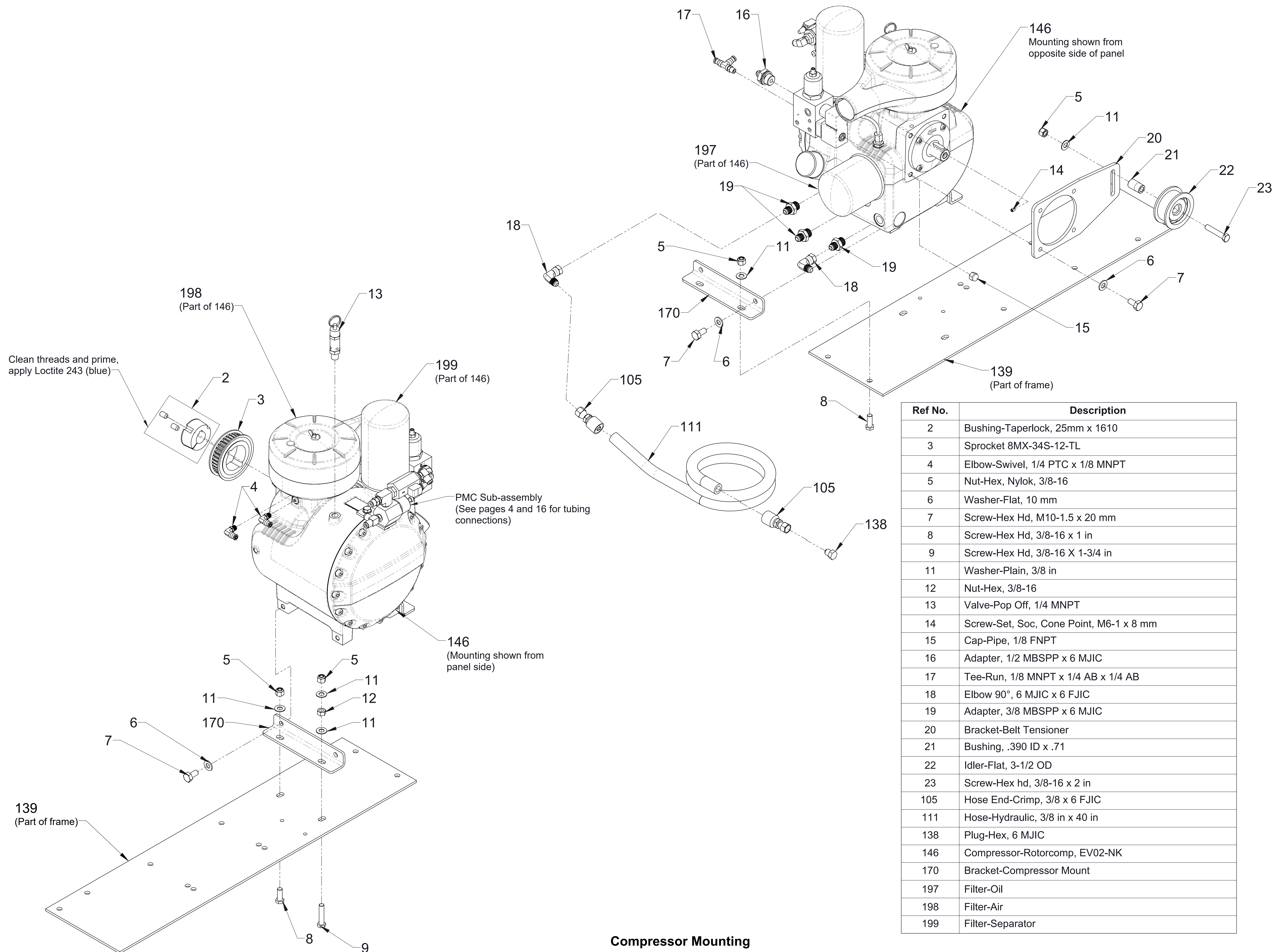
Ref No.	Description
11	Washer-Plain, 3/8 in
52	Pump-Hypro, 9203C
53	Fitting, 3/8 MNPT x 3/8 AB
54	Plumbing-Intake
57	Valve-Drain, 1/8 MNPT
58	Street-Elbow 1-1/2 NPT x 90°
59	Elbow-90°, 1/8 MNPT x 1/4 AB
60	Valve-Ball, 1-1/2 FNPT
61	Sprocket, 8MX-36S-12-TL
62	Bushing-Taperlock, 5/8 x 1610
63	Key-Square, 3/16 x 1-1/2 in
64	Washer-Flat, 8 mm
65	Screw-Hex Hd, M8-1.25 x 15 mm
143	Valve-Drain Cock, 3/8 NPT
144	Adapter, 3/8 FNPT x 3/8 AB
152	Nut-Lock, 3/8-16
153	Screw-Hex Hd, 3/8-16 x 1-1/4 in
301	LABEL B SIZE, CLOSED
302	Cap, 1-1/2 in, Chrome with Chain

Water Pump



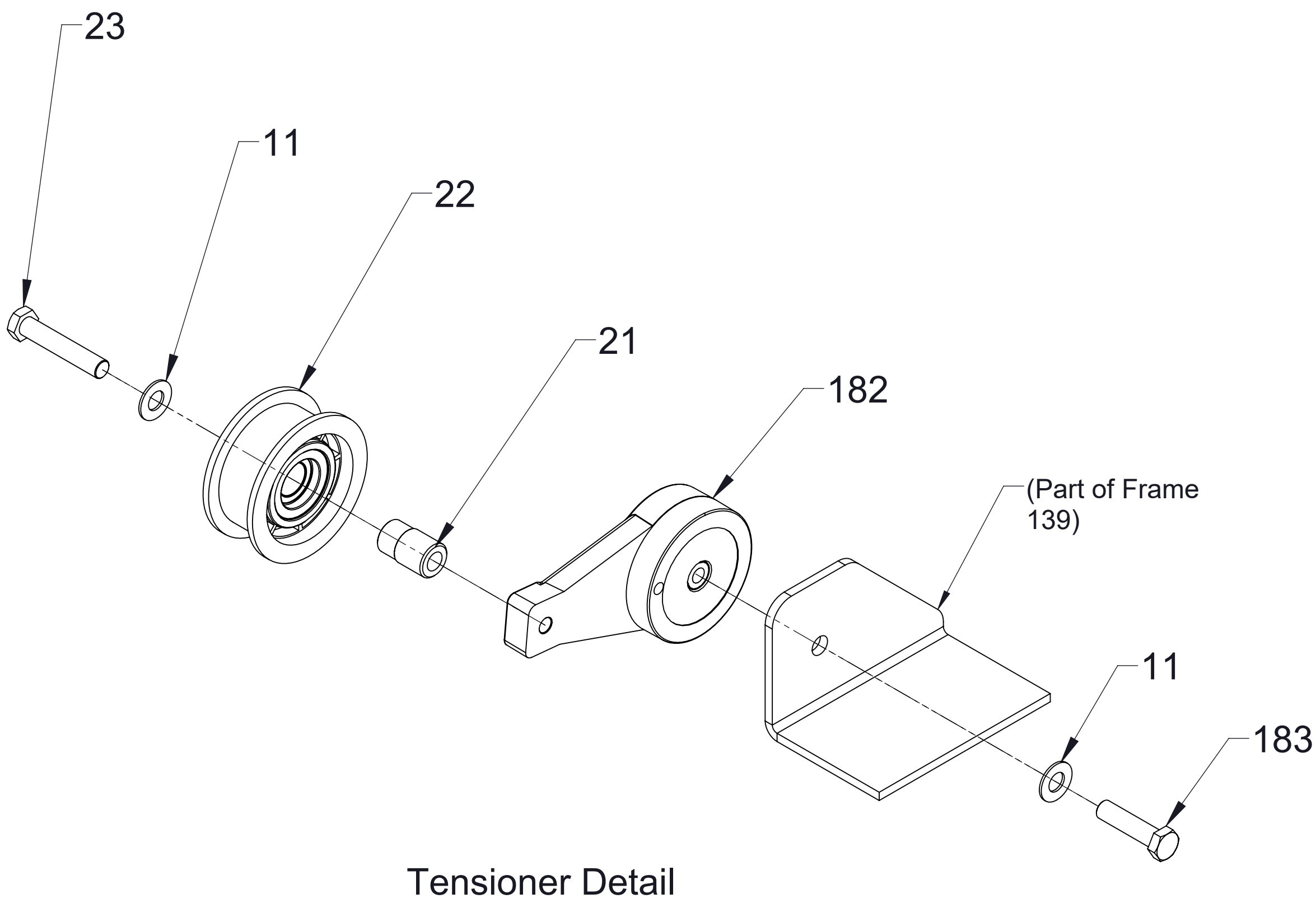
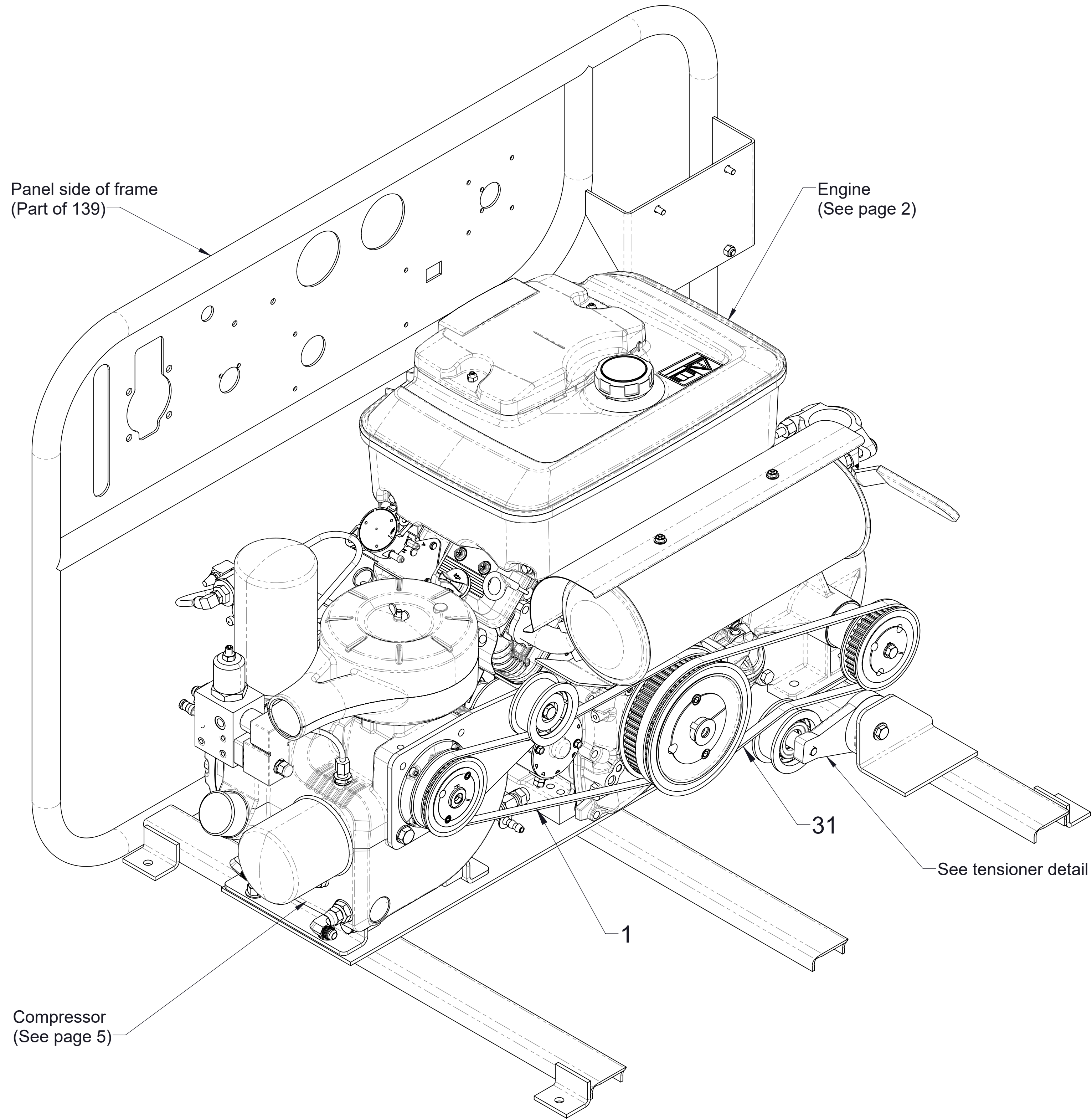
Ref No.	Description
11	Washer-Plain, 3/8 in
64	Washer-Flat, 8 mm
70	Adapter-Straight, 1/4 MNPT x 1/4 AB
88	Tee-Branch, 1/4 AB x 1/4 MNPT x 1/4 AB
89	Elbow-90°, 1/4 MNPT X 1/4 FNPT
124	Tee-Street, 1/4 NPT
125	Valve-Blowdown, 1/4 FNPT
126	Elbow-90°, 1/4 MNPT x 1/4 AB
127	Nipple-Pipe, 1/4 NPT x 7/8 in
129	Muffler-Air, 1/4 MNPT
130	Bracket-PMC Mounting
131	Screw-Hex Hd, 3/8-16 x 1/2 in
132	Regulator-Pressure
188	Screw-Hex Hd, M8-1.25 x 18 mm

Compressor PMC

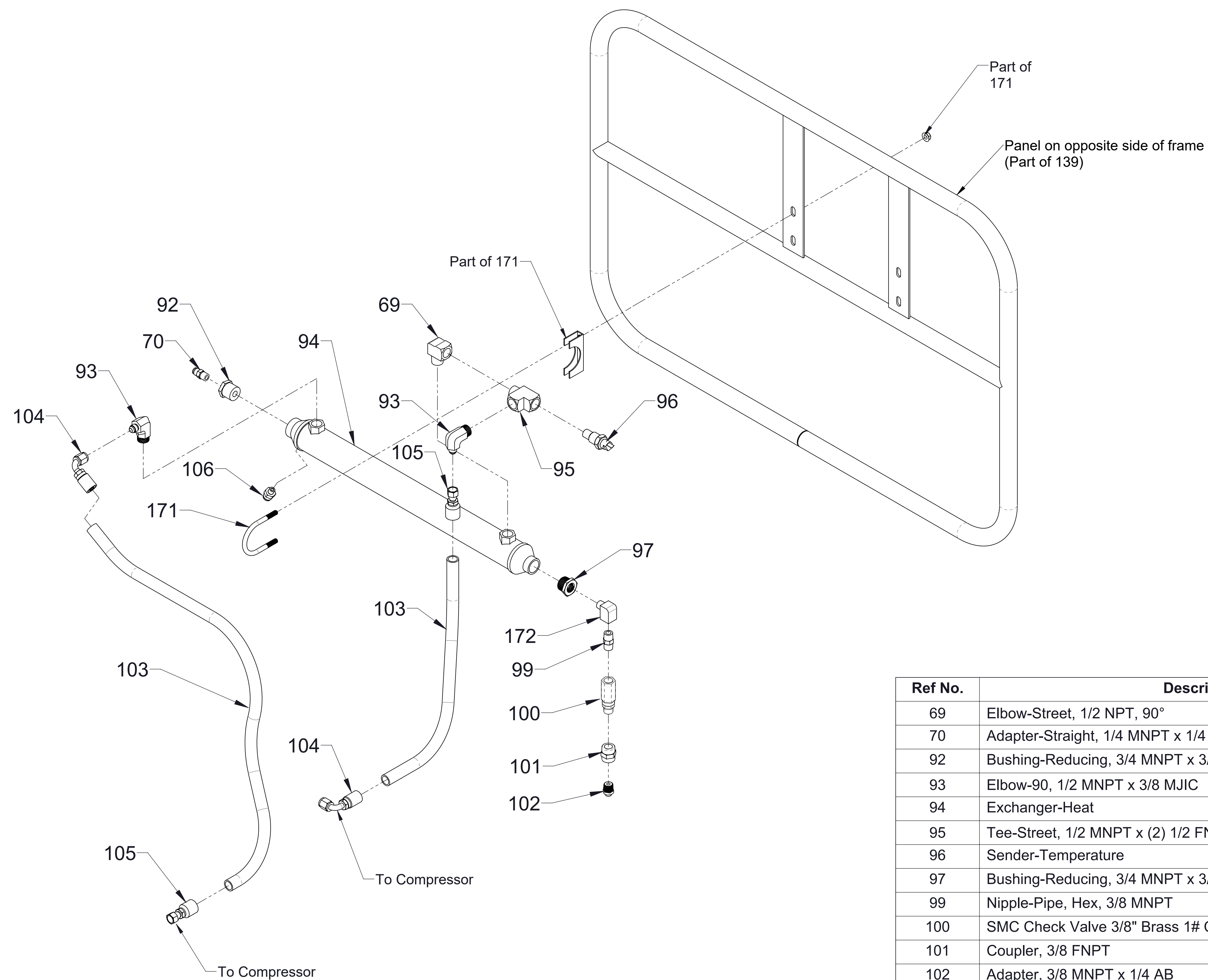


Compressor Mounting

Ref No.	Description
1	Compressor Belt Rotorcomp
11	Washer-Plain, 3/8 in
21	Bushing, .390 ID x .71
22	Idler-Flat Belt 3.5 OD
23	Screw-Hex Hd, 3/8-16 x 2 in
31	Pump Belt Rotorcomp
182	Rotary Tensioner, 3/8
183	Screw-Hex Hd, 3/8-16 x 1-1/2 in

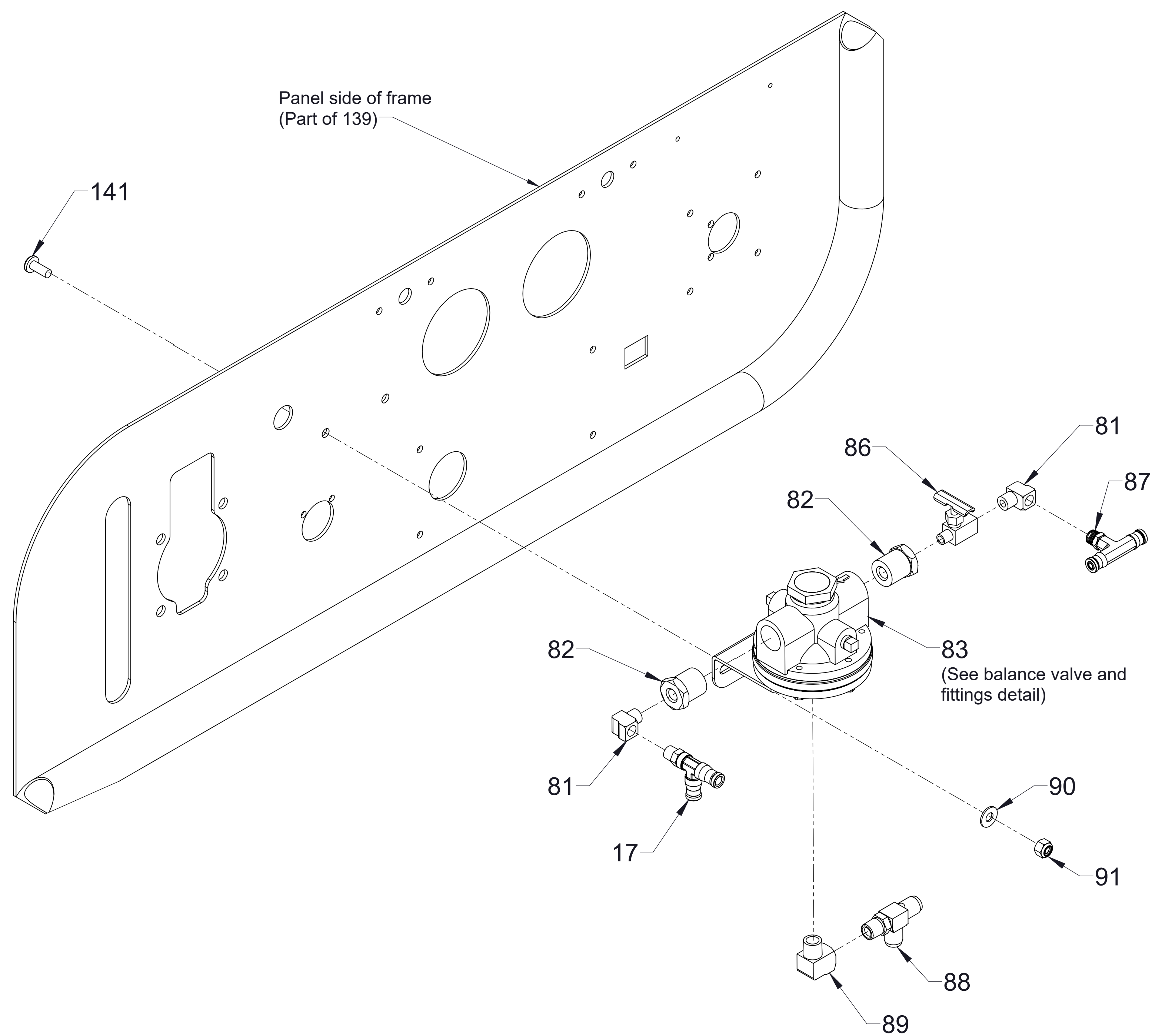


Belt Drive

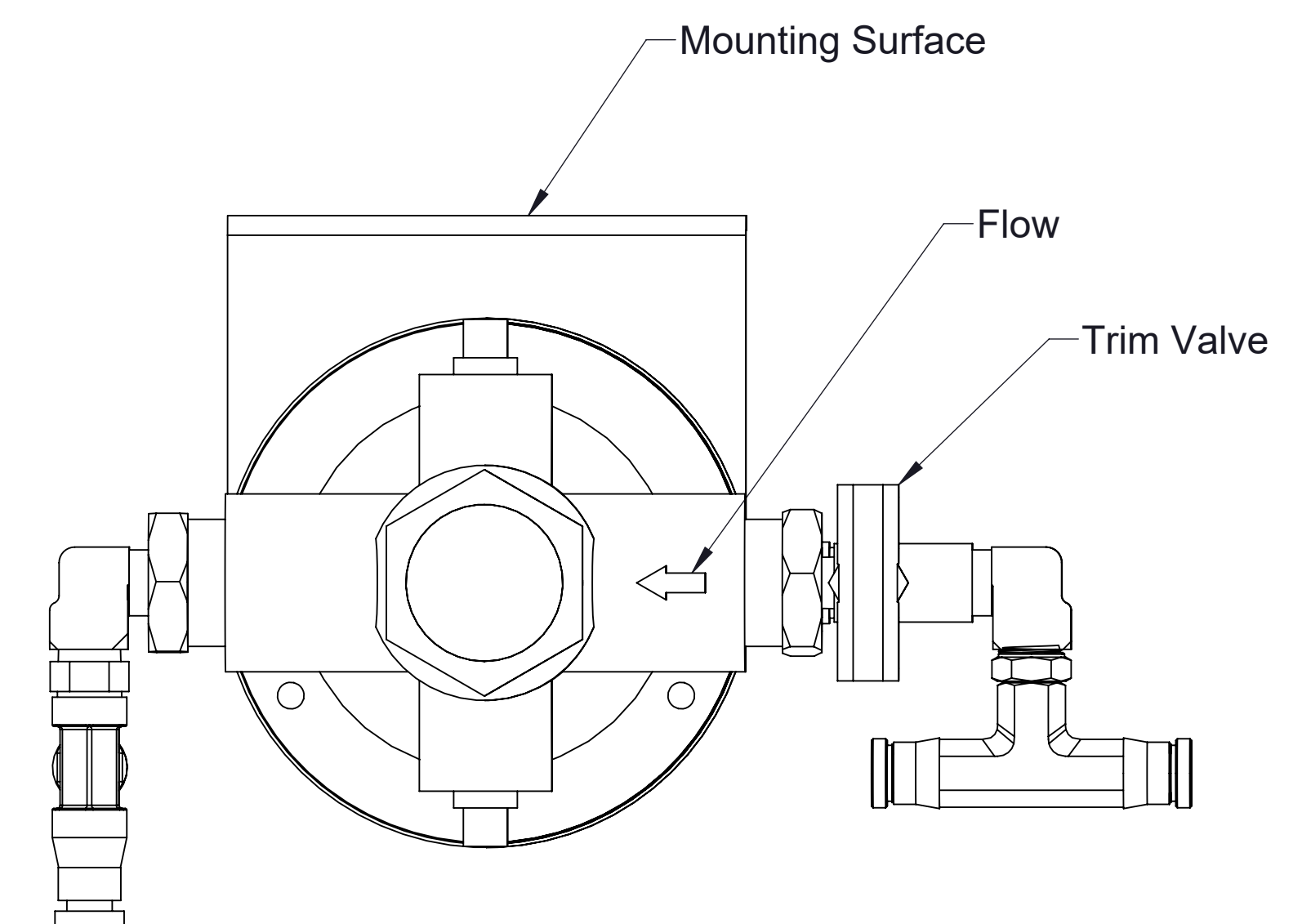


Ref No.	Description
69	Elbow-Street, 1/2 NPT, 90°
70	Adapter-Straight, 1/4 MNPT x 1/4 AB
92	Bushing-Reducing, 3/4 MNPT x 3/8 AB
93	Elbow-90, 1/2 MNPT x 3/8 MJIC
94	Exchanger-Heat
95	Tee-Street, 1/2 MNPT x (2) 1/2 FNPT
96	Sender-Temperature
97	Bushing-Reducing, 3/4 MNPT x 3/8 FNPT
99	Nipple-Pipe, Hex, 3/8 MNPT
100	SMC Check Valve 3/8" Brass 1# Cracking Pressure
101	Coupler, 3/8 FNPT
102	Adapter, 3/8 MNPT x 1/4 AB
103	Hose-Hydraulic, 3/8 in x 32 in
104	Elbow-90 degree, 3/8 Crimp x 3/8 FJIC
105	Hose End - Crimp 3/8 X 6 FJIC
106	Adapter, 1/8 MNPT x 3/8 AB
171	Clamp-Exhaust
172	Barb, 3/8 x 1/4 MNPT

Cooler



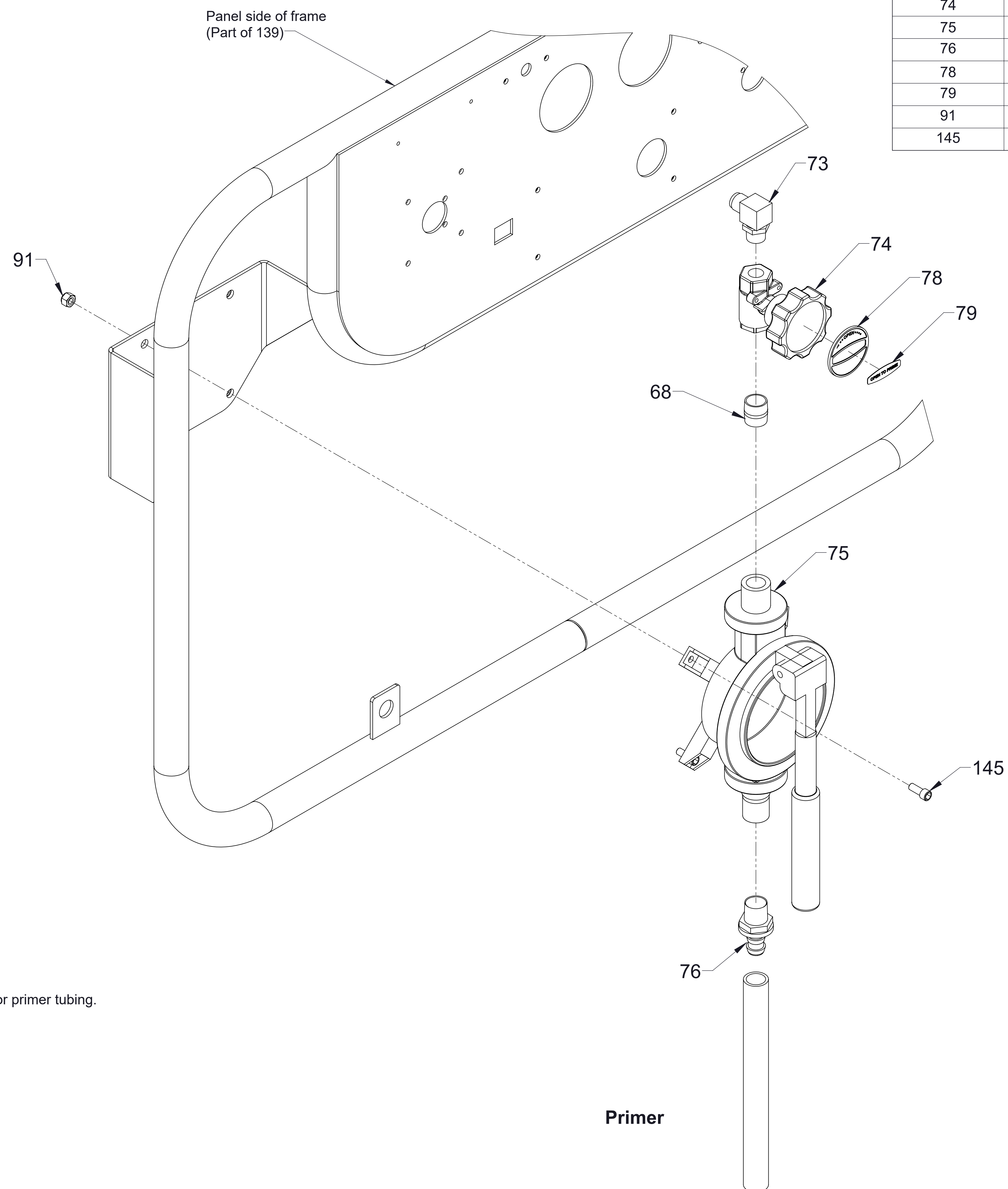
Ref No.	Description
17	Tee-Run, 1/8 MNPT x 1/4 AB x 1/4 AB
81	Elbow-Street, 90°, 1/8 NPT
82	Bushing-Reducing, 1/2 MNPT x 1/8 FNPT
83	Balance Valve Assembly
86	Valve-Trim, Straight, 1/8 NPT
87	Tee-Branch, 1/8 MNPT x 1/4 AB x 1/4 AB
88	Tee-Branch, 1/4 AB x 1/4 MNPT x 1/4 AB
89	Elbow-90°, 1/4 MNPT X 1/4 FNPT
90	Washer-Plain, 1/4 in
91	Nut-Hex, Nylok, 1/4-20
141	Screw-Machine, Pan Hd, 1/4-20 x 5/8 in



Balance Valve and Fittings Detail

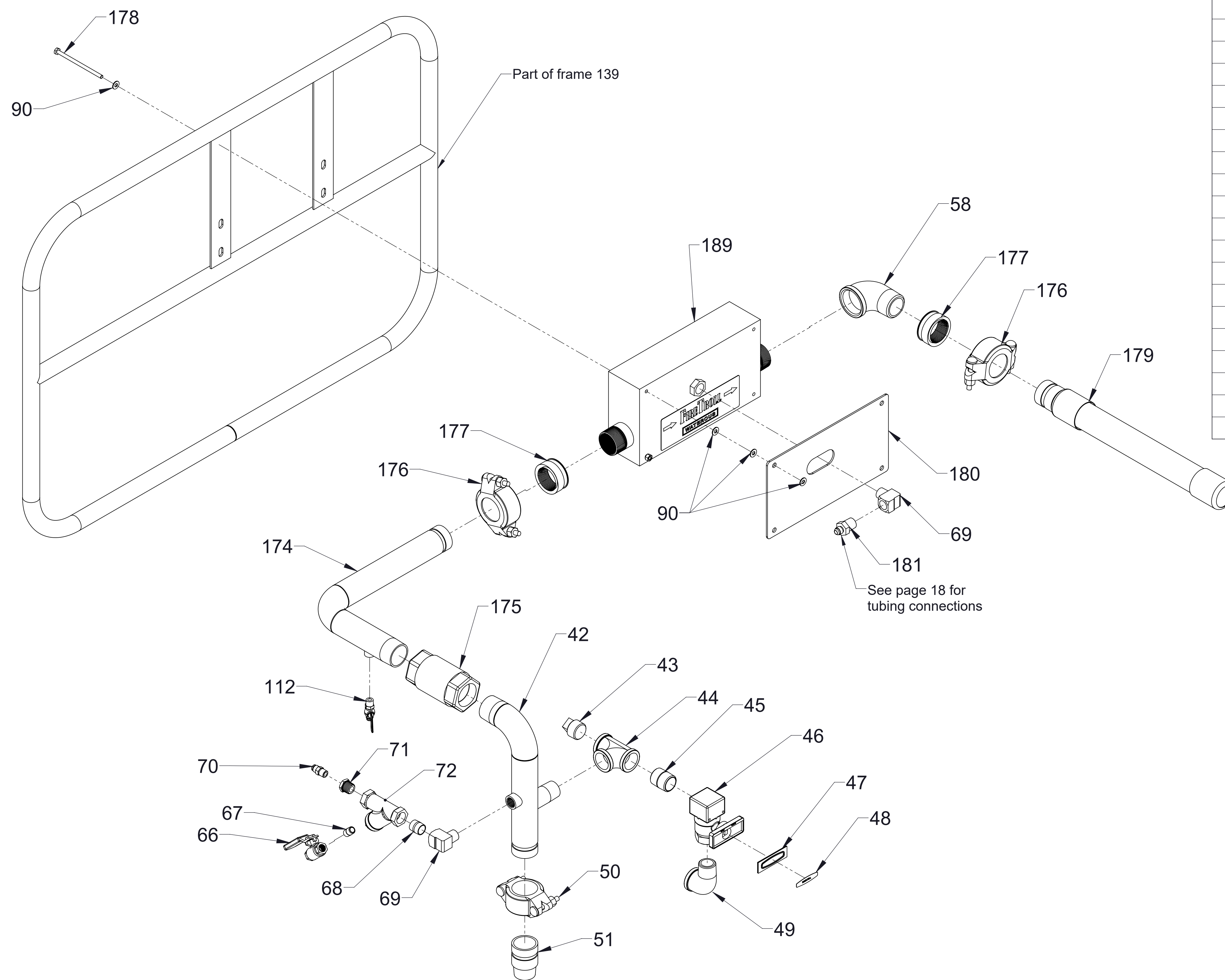
See the following pages:
Air lines - Page 16.
Water lines - Page 18.

Balance Valve



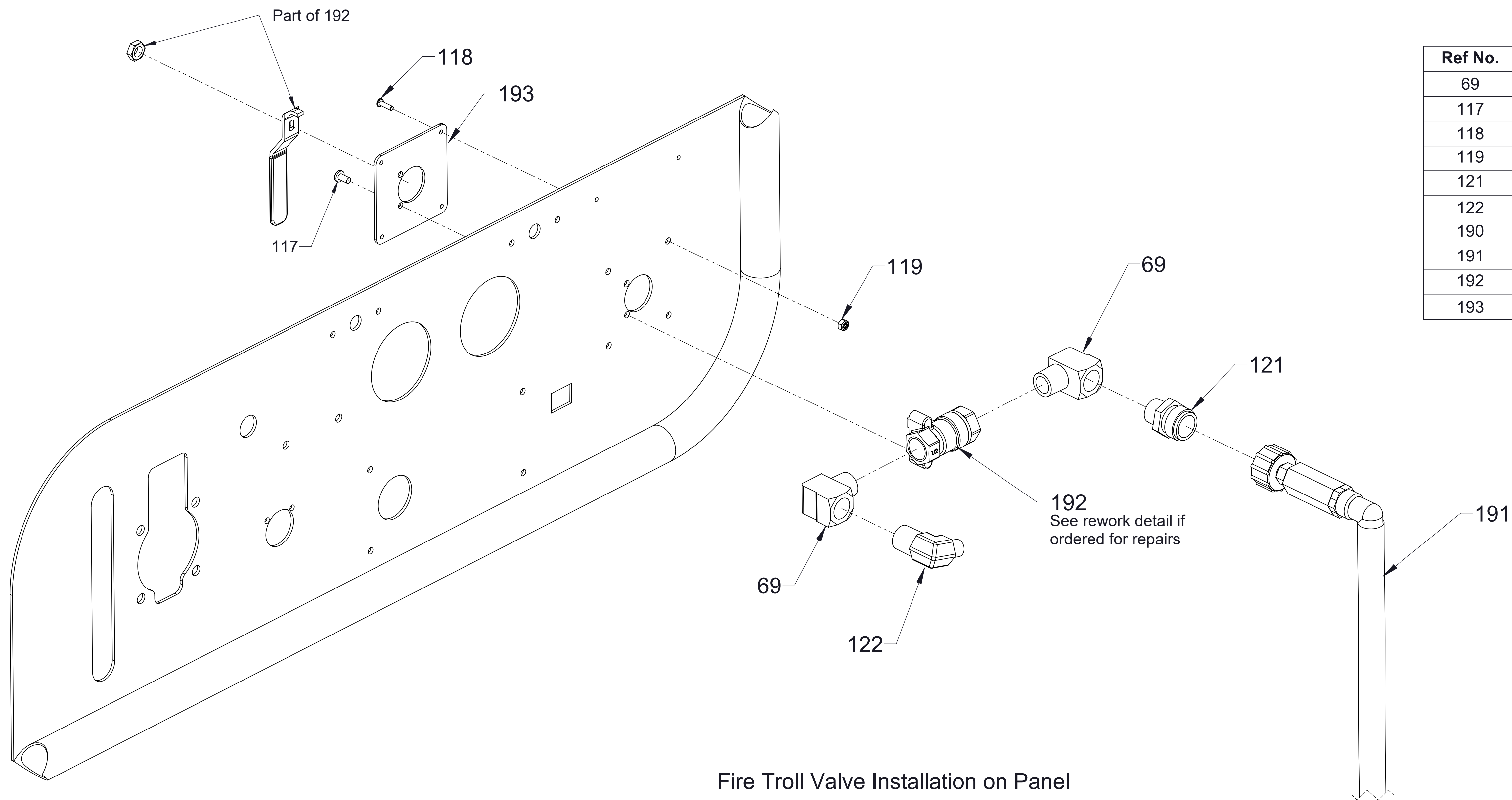
Ref No.	Description
68	Nipple-Pipe, 1/2 NPT x 1-1/8 in
73	Elbow, 1/2 MNPT x 3/8 AB
74	Ball-Valve 1/2 FNPT Round Handle
75	Primer-Hand
76	Adapter, 1/2 MNPT x 1/2 Barb
78	Bezel, 2 in. Round, Black
79	Label-Verbiage, Open To Prime
91	Nut-Hex, Nylok, 1/4-20
145	Screw-Cap, Hex Soc Hd, 1/4-20 x 5/8 in

See page18 for primer tubing.



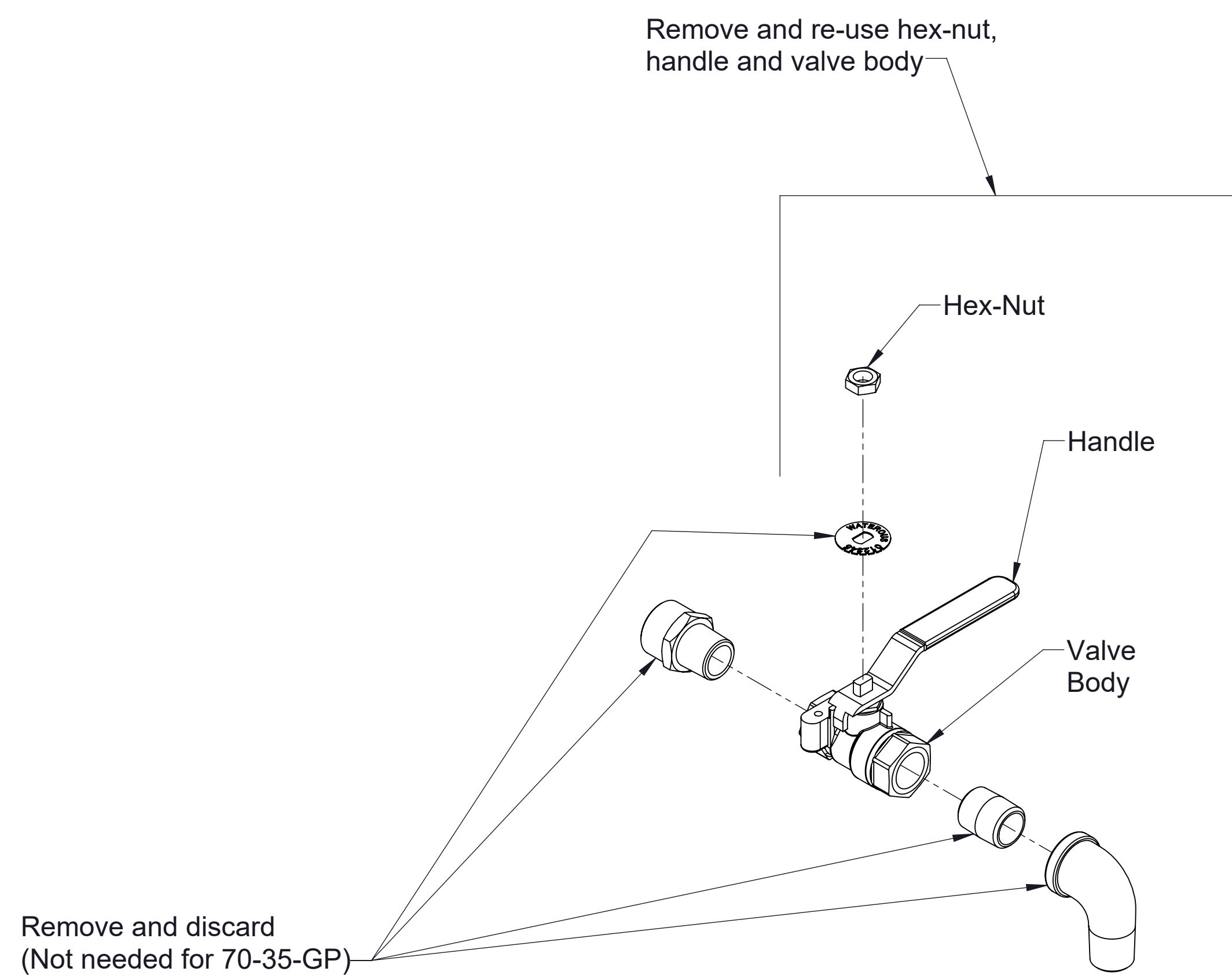
Ref No.	Description
42	Discharge Plumbing
43	Plug-Pipe, Square Hd, 1 NPT
44	Tee-Standard, Pipe, 1 NPT
45	Nipple-Pipe, 1 NPT x 1-1/2 in
46	Elbow-Street, 90°, 1-1/2 NPT
47	Bezel, 1 X 3 in
48	.125 A36 STEEL
49	Elbow-Street, 90°, 1 NPT
50	Clamp-Victaulic, 1-1/2 in
51	Adapter-Straight, 1-1/4 MNPT x 1-1/2 Victaulic
58	Elbow-Street, 1-1/2 NPT x 90°
66	Valve-Ball, 1/4 FNPT
67	Nipple-Pipe, 1/4 NPT x 7/8 in
68	Nipple-Pipe, 1/2 NPT x 1-1/8 in
69	Elbow-Street, 1/2 NPT, 90°
70	Adapter-Straight, 1/4 MNPT x 1/4 AB
71	Bushing-Reducing, 1/2 MNPT x 1/4 FNPT
72	Strainer-Wye, 1/2" NPT
90	Washer-Plain, 1/4 in
112	Valve-Drain, 1/4 MNPT
174	Intake-Welded, Fire Troll
175	Valve- Check, 1-1/2 NPT
176	Screw-Cap, Hex Soc Hd, 1/4-20 x 5/8 in
177	Adapter-Straight, 1-1/2 FNPT x 2 in. Victaulic
178	Screw-Hex Hd, 1/4-20 x 4-1/2 in
179	Hydraulic Hose Assembly, 19 in
180	Shield-Heat
181	Adapter-Straight, 1/2 MNPT x 6 MJIC
189	Body-Eductor, Fire Troll FT150

Fire Troll Foam System- Body and Piping

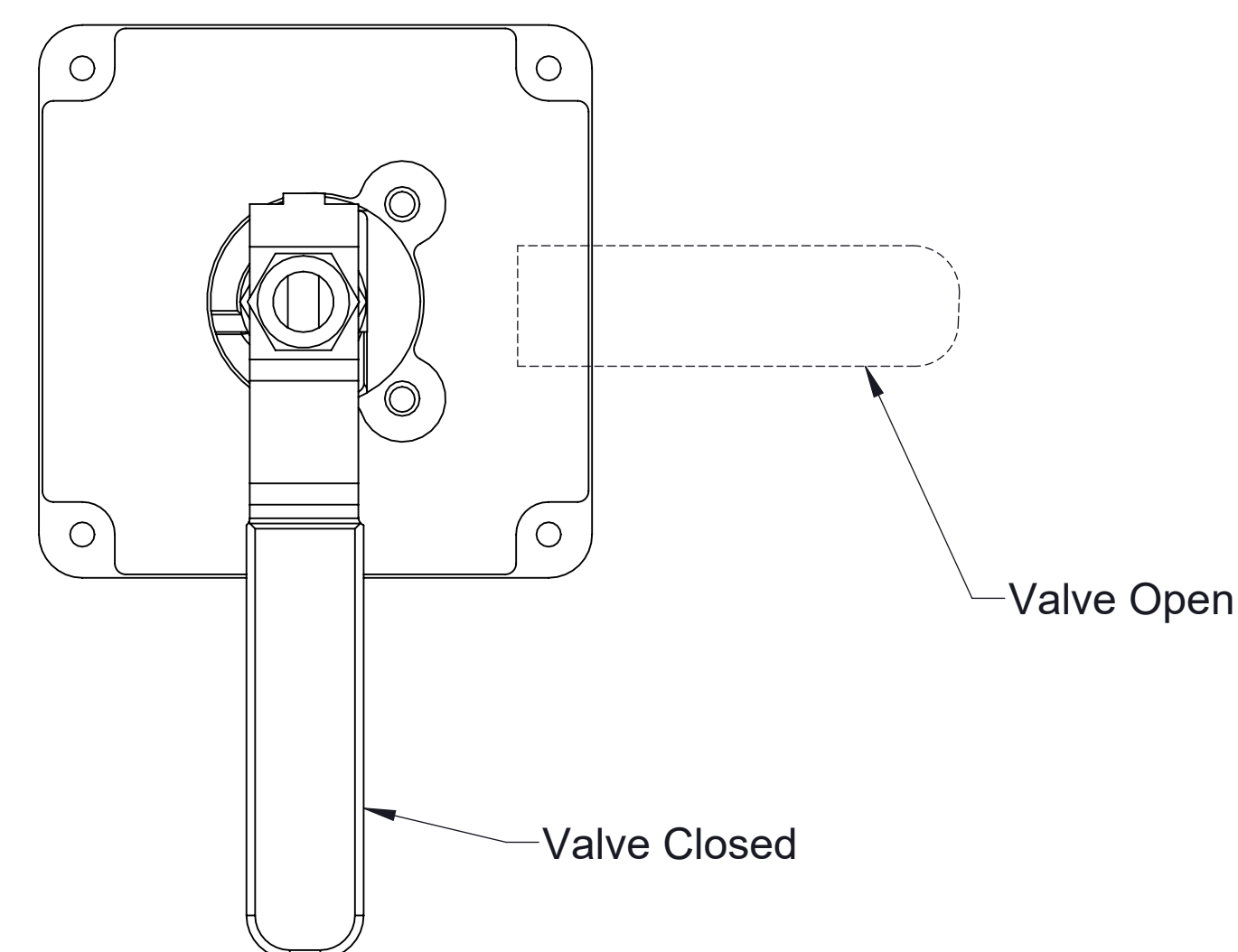


Ref No.	Description
69	Elbow-Street, 1/2 NPT x 90°
117	Screw-Pan Hd, 10-24 x 3/8 in
118	Screw-Pan Hd, 6-32 x 1/2 in
119	Nut-Hex, Nylok, 6-32
121	Adapter-Straight, 1/2 MNPT x 3/4 MGHT
122	Elbow, 1/2 MNPT x 1/2 MJIC
190	Capper Assembly-Foam Pail, Fire Troll
191	Hose Assembly-Foam Pail, Fire Troll
192	Valve Assembly-Metering
193	Plate-Panel, Fire Troll

Fire Troll Valve Installation on Panel



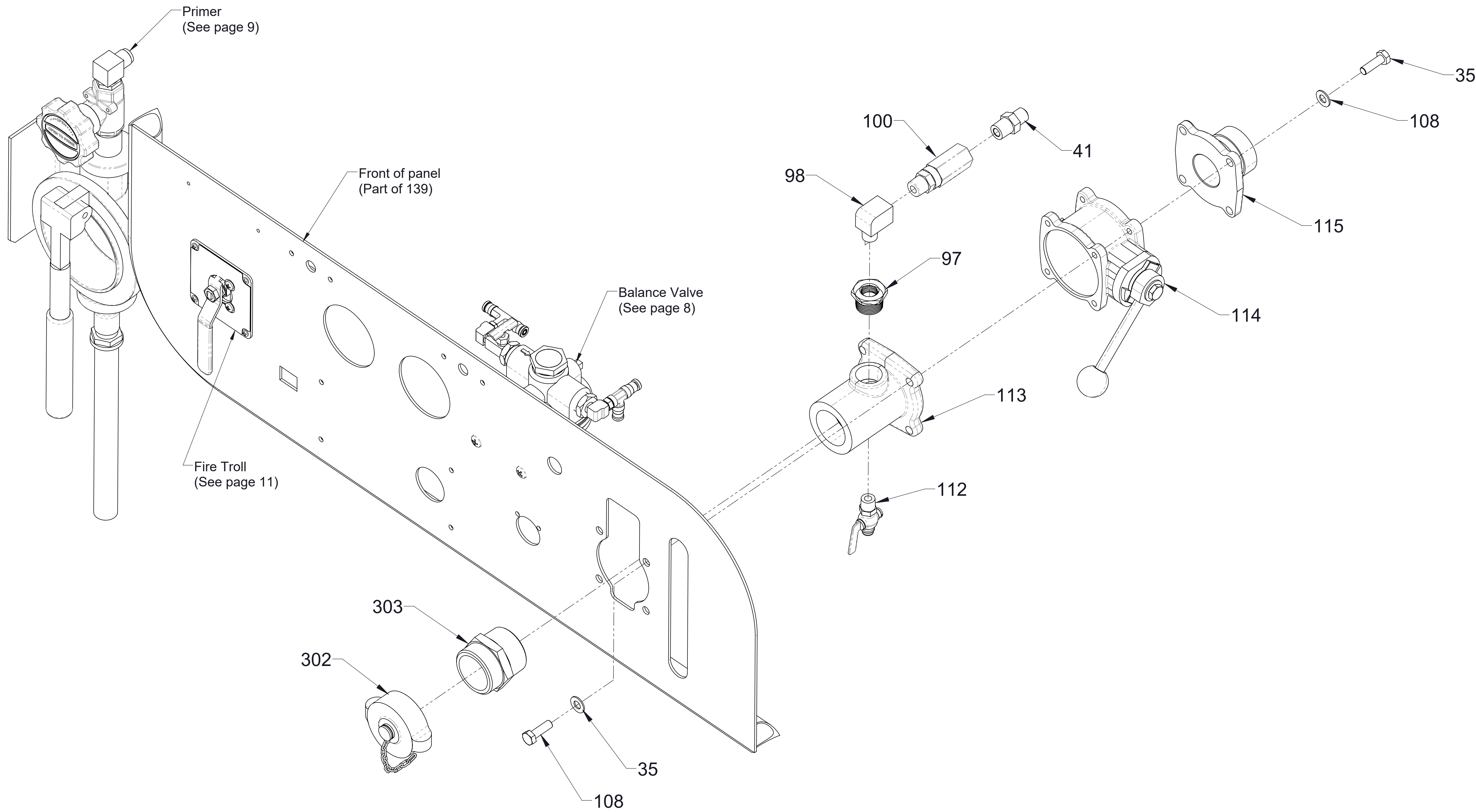
Rework Valve Assembly 192



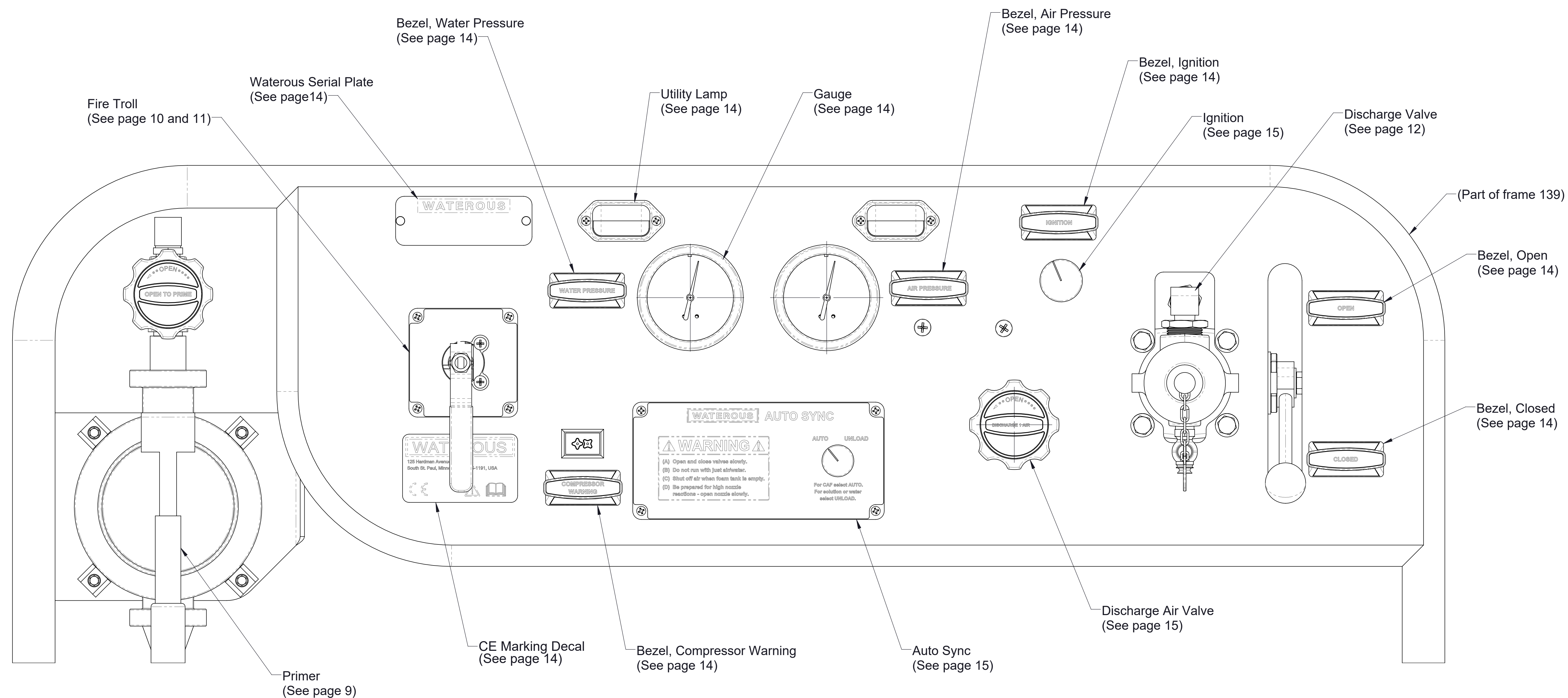
Panel Detail

Fire Troll Foam System - Panel

Ref No.	Description
35	Washer-Flat, 5/16 in
41	Adapter, 3/8 MNPT x 6 MJIC
97	Bushing-Reducing, 3/4 MNPT x 3/8 FNPT
98	Elbow-Street, 3/8 NPT x 90 Degree
100	Valve-Check, 3/8 NPT
108	Screw-Hex Head, 5/16-18 x 1 in
112	Valve-Drain, 1/4 MNPT
113	Adapter-Elkhart, 1-1/2 FNPT
114	Valve-Elkhart, 1-1/2 in
115	Adapter-Elkhart, 1-1/2 Victaulic
302	Cap, 1-1/2 in, Chrome With Chain
303	Adapter-Discharge, 1-1/2 in

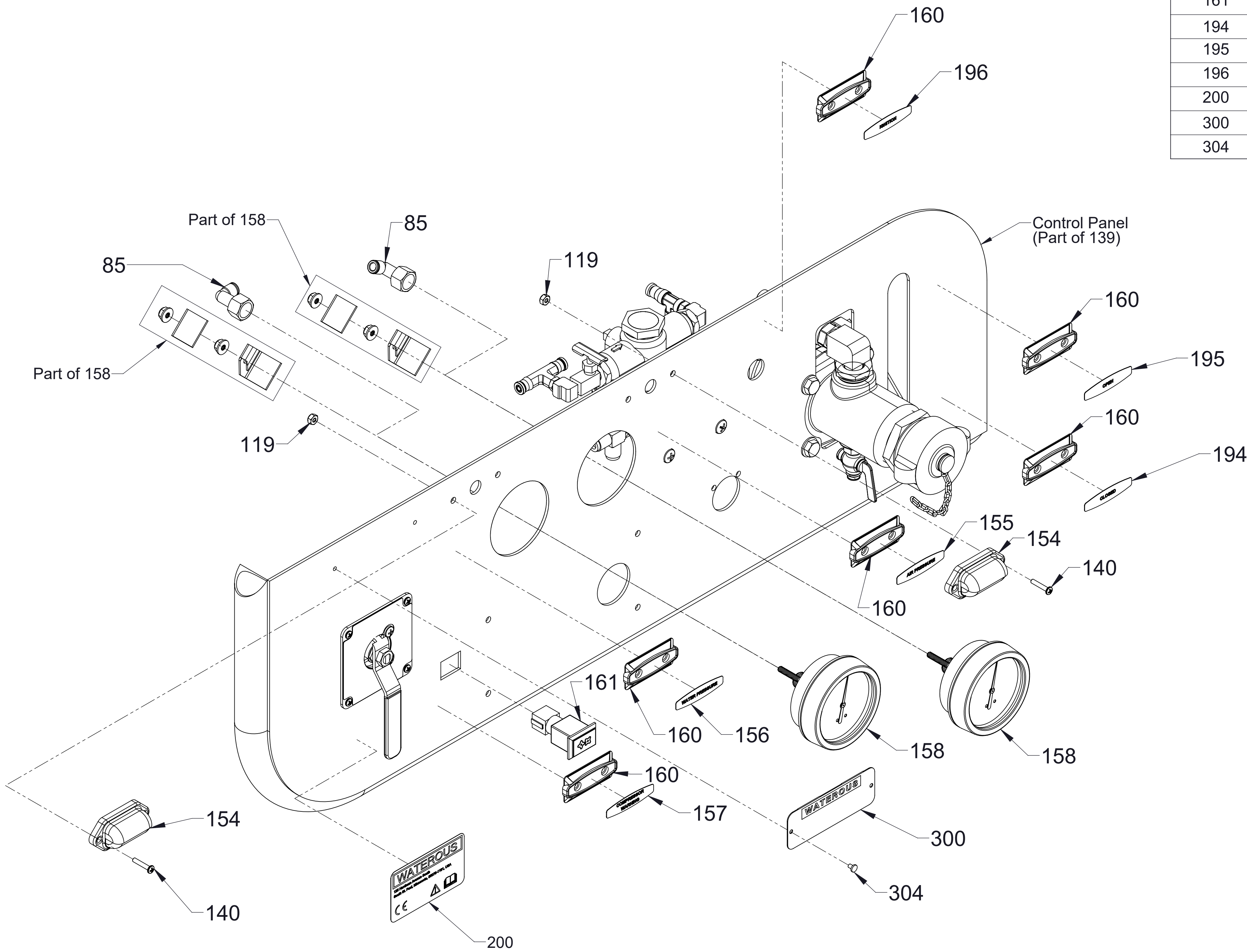


Discharge Valve



Panel Layout

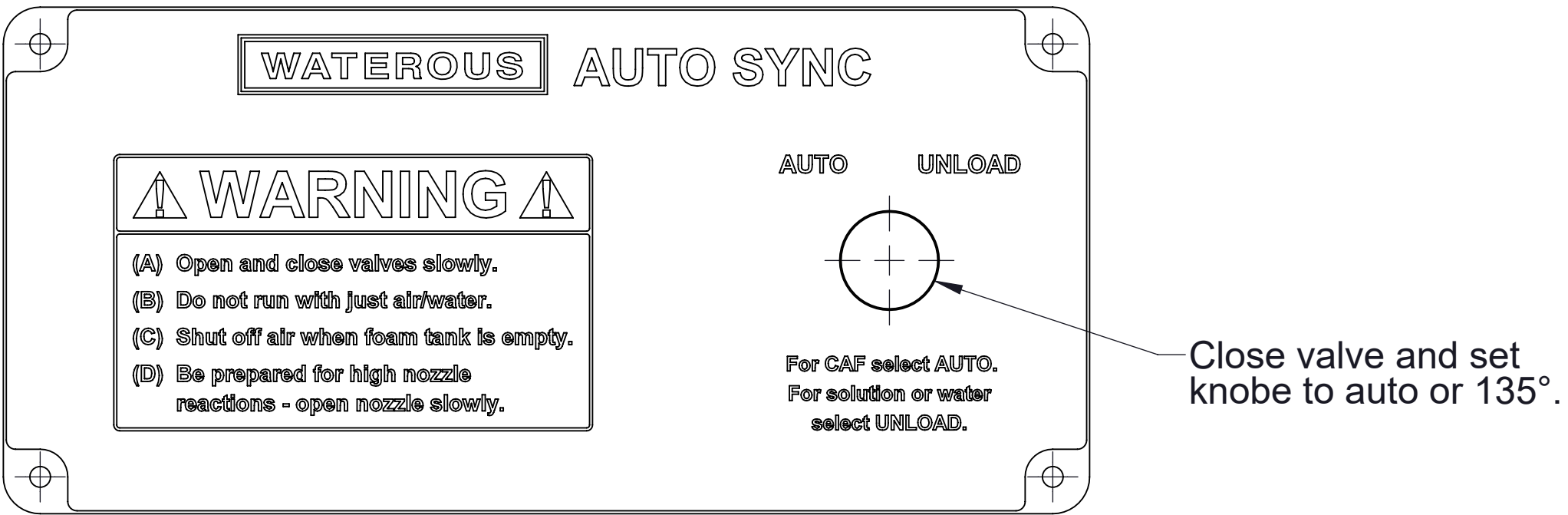
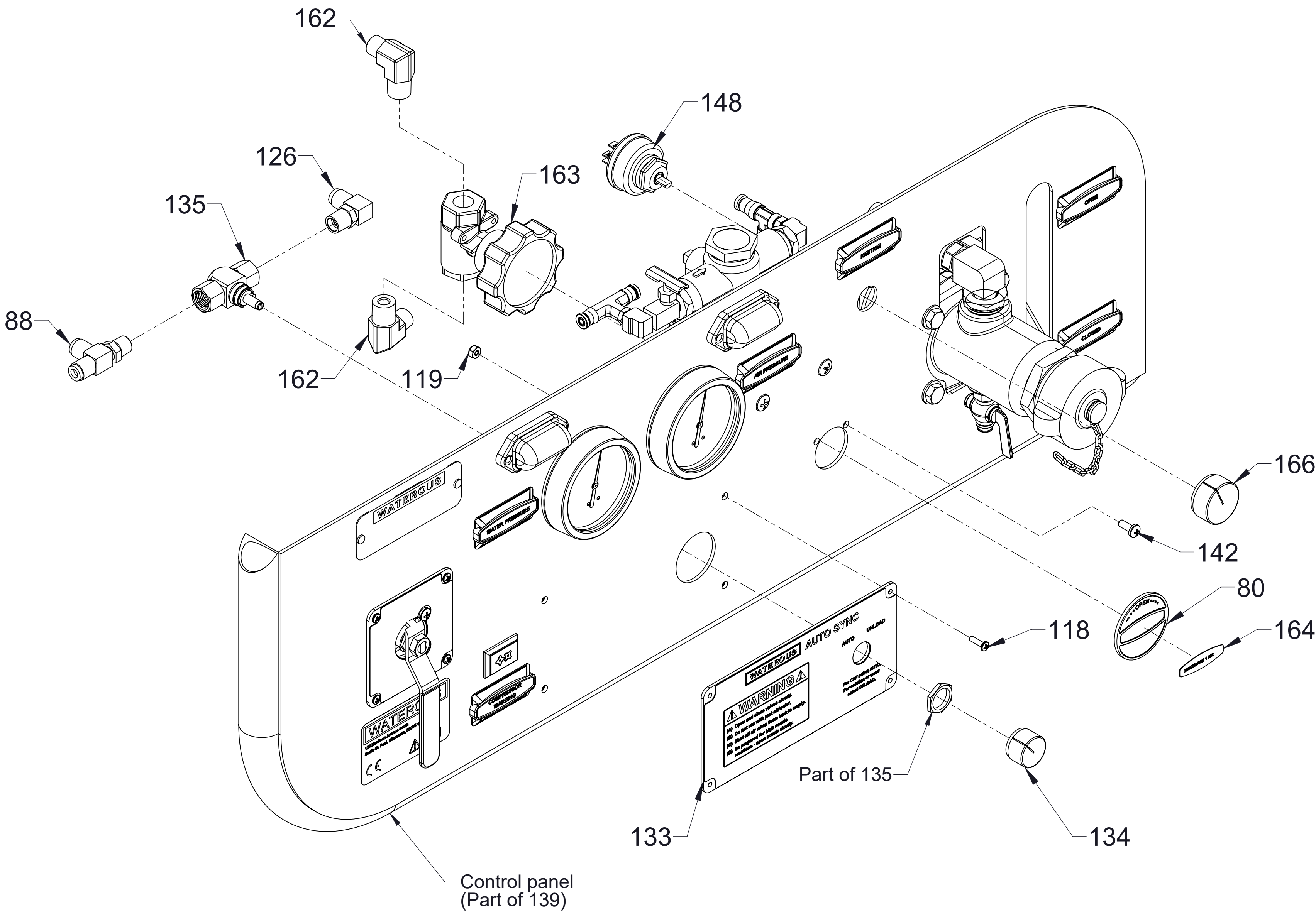
Ref No.	Description
85	Elbow-90°, 1/4 FNPT x 1/4 AB
119	Nut-Hex, Nylok, #6-32
140	Screw-Pan Hd, 6-32 x 3/4 in.
154	Lamp-Utility
155	Label-Air Pressure
156	Label-Water Pressure
157	Label-Compressor Warning
158	Gauge-Pressure,Dual Scale, 2-1/2 in.
160	Bezel-B Size, 1 x 2.25, Black
161	Light-Warning, Compressor Temperature
194	Label, Closed
195	Label, Open
196	Label-Ignition
200	Decal-CE Marking
300	Plate-Serial
304	Rivet-1/8 in.



See the Following Pages:
 Air Lines - Page 16.
 Water Lines - Page 17.

Panel - Gauges, Lights, Plates

Ref No.	Description
80	Bezel-Round, 2 in
88	Tee-Branch, 1/4 AB x 1/4 MNPT x 1/4 AB
118	Screw-Machine, Pan Hd, #6-32 x 1/2 in
119	Nut-Hex, #6-32 in
126	Elbow-90°, 1/4 MNPT x 1/4 AB
133	Plate-Panel, Auto-Sync & Warning
134	Knob-Auto Sync
135	Valve-Ball, Panel Mount, 1/4 FNPT
142	Screw-Machine, Pan Hd, #10-32 x 1/2 in
148	Switch-Ignition
162	Elbow-90°, 3/8 MNPT x 6 MJIC
163	3/8 Ball Valve W/ Round Handle
164	Label-Discharge 1 Air
166	Knob Ignition

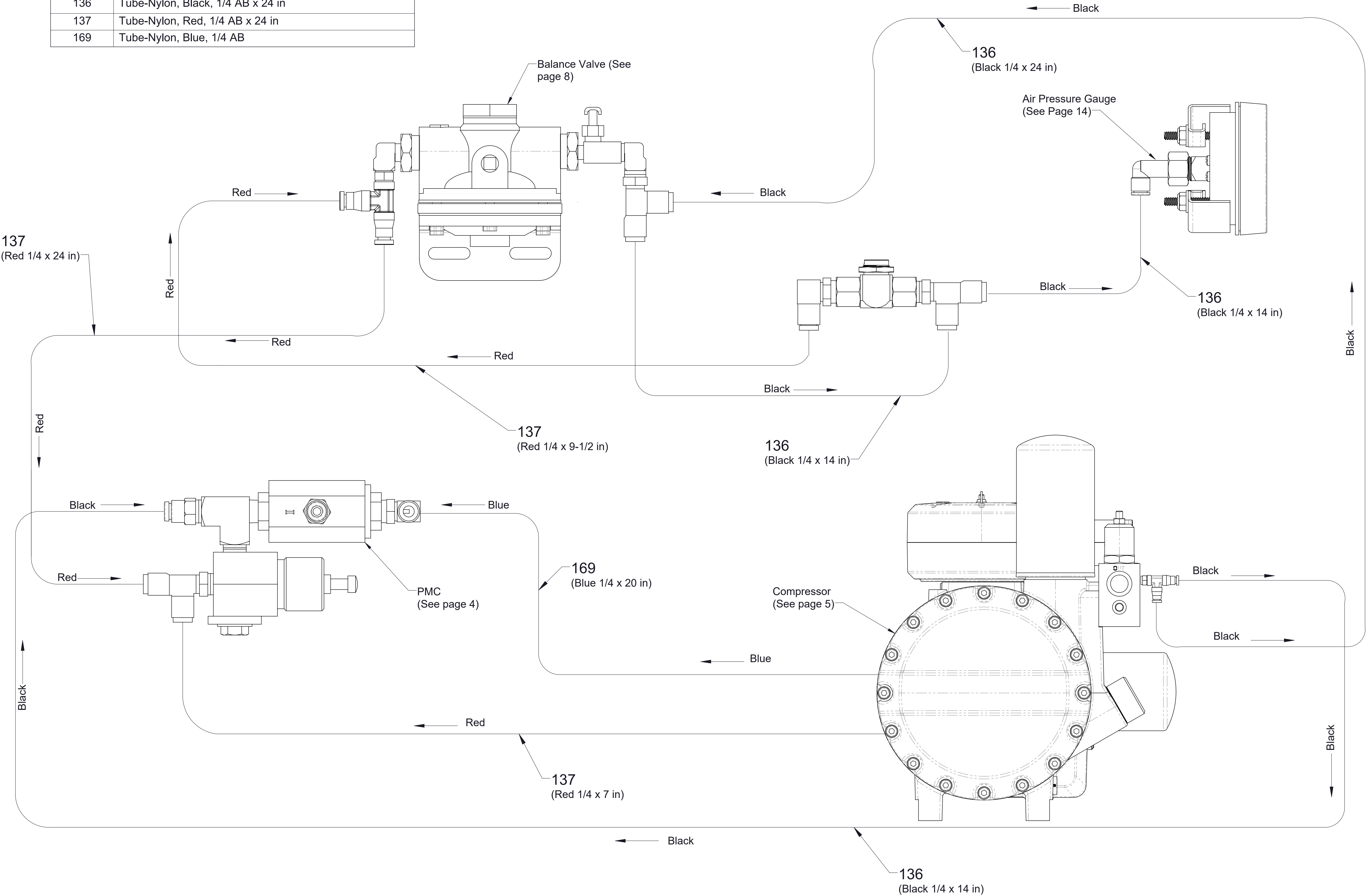


Auto-Sync Setup

See the following Pages:
Auto-Sync air lines - Page 16.
Air discharge lines - Page 17.

Panel - Air Controls

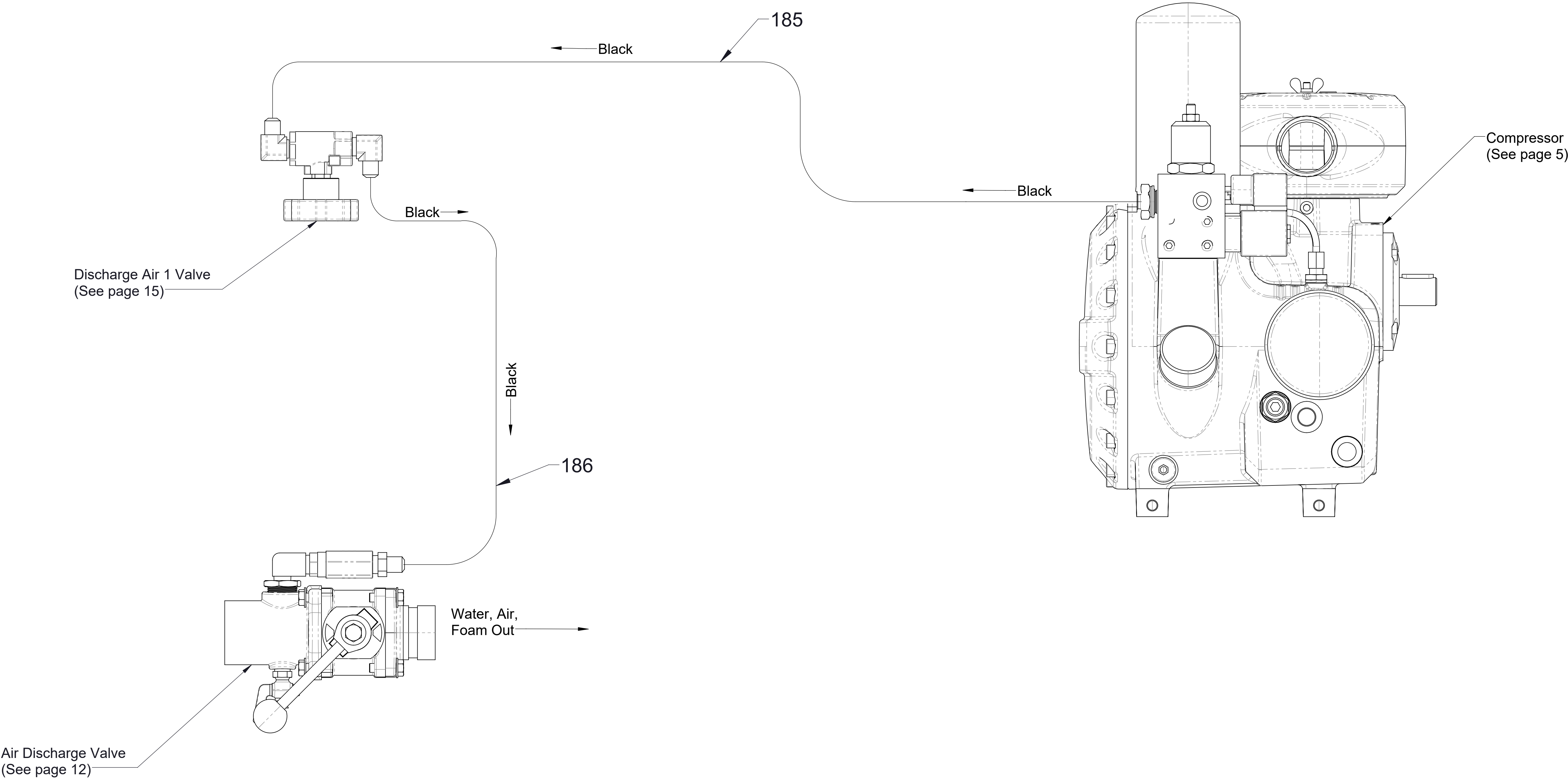
Ref No.	Description
136	Tube-Nylon, Black, 1/4 AB x 24 in
137	Tube-Nylon, Red, 1/4 AB x 24 in
169	Tube-Nylon, Blue, 1/4 AB



Tubing and Hoses - Air

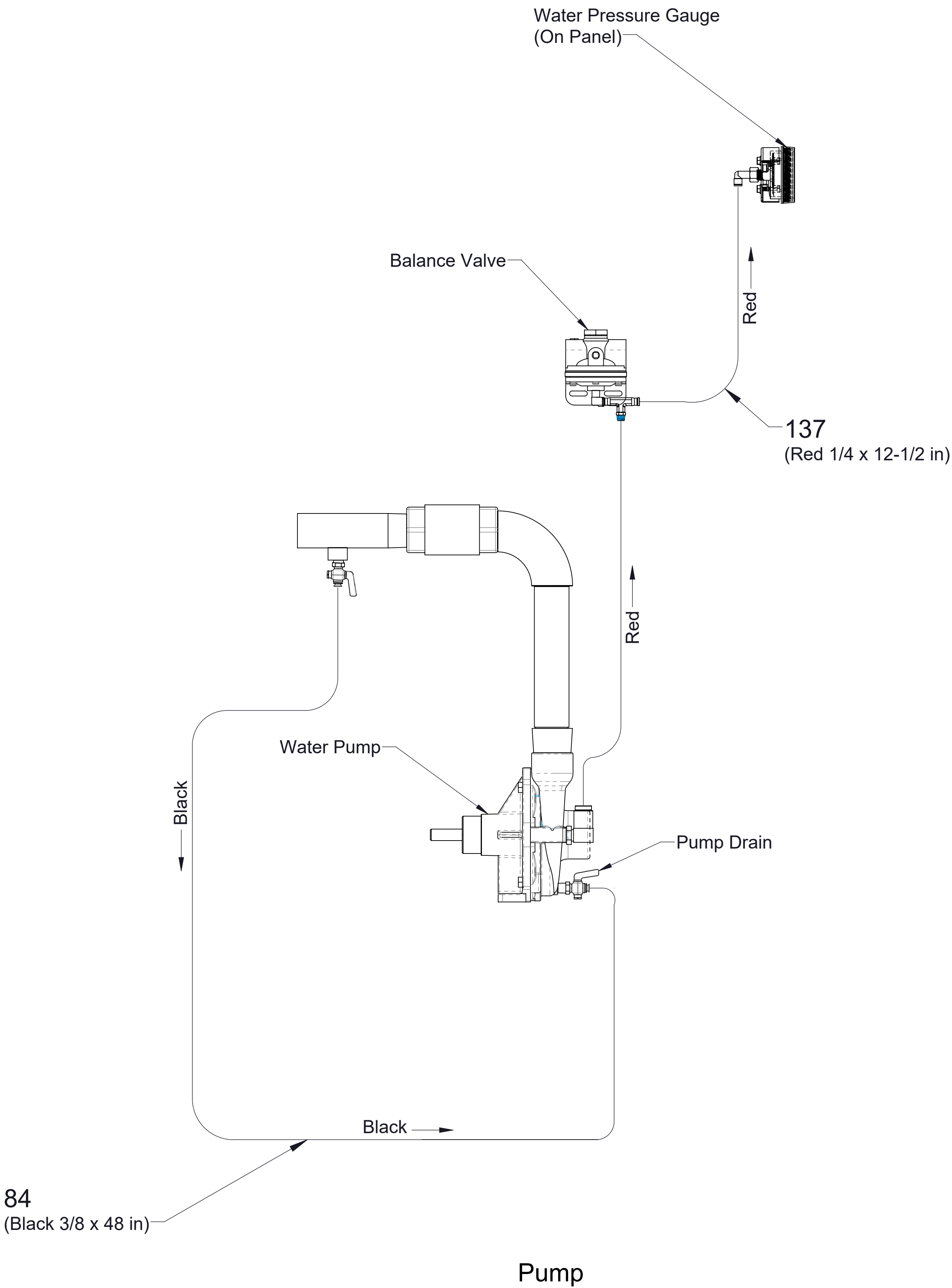
Balance Valve, Auto-Sync, Air Pressure Gauge, PMC and Compressor

Ref No.	Description
185	Hose Assy-Push On, 24 in
186	Hose Assy-Push On, 8 in

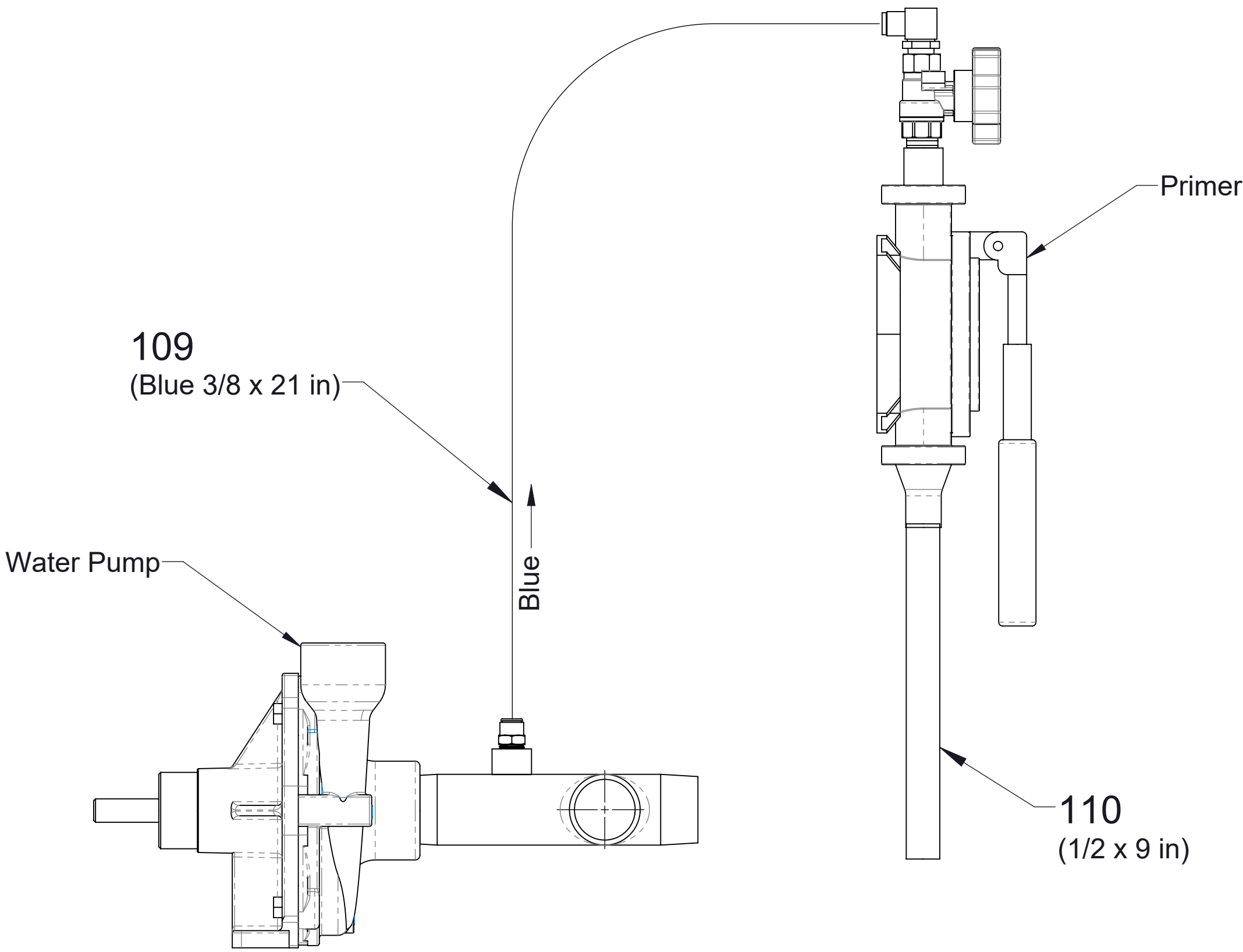
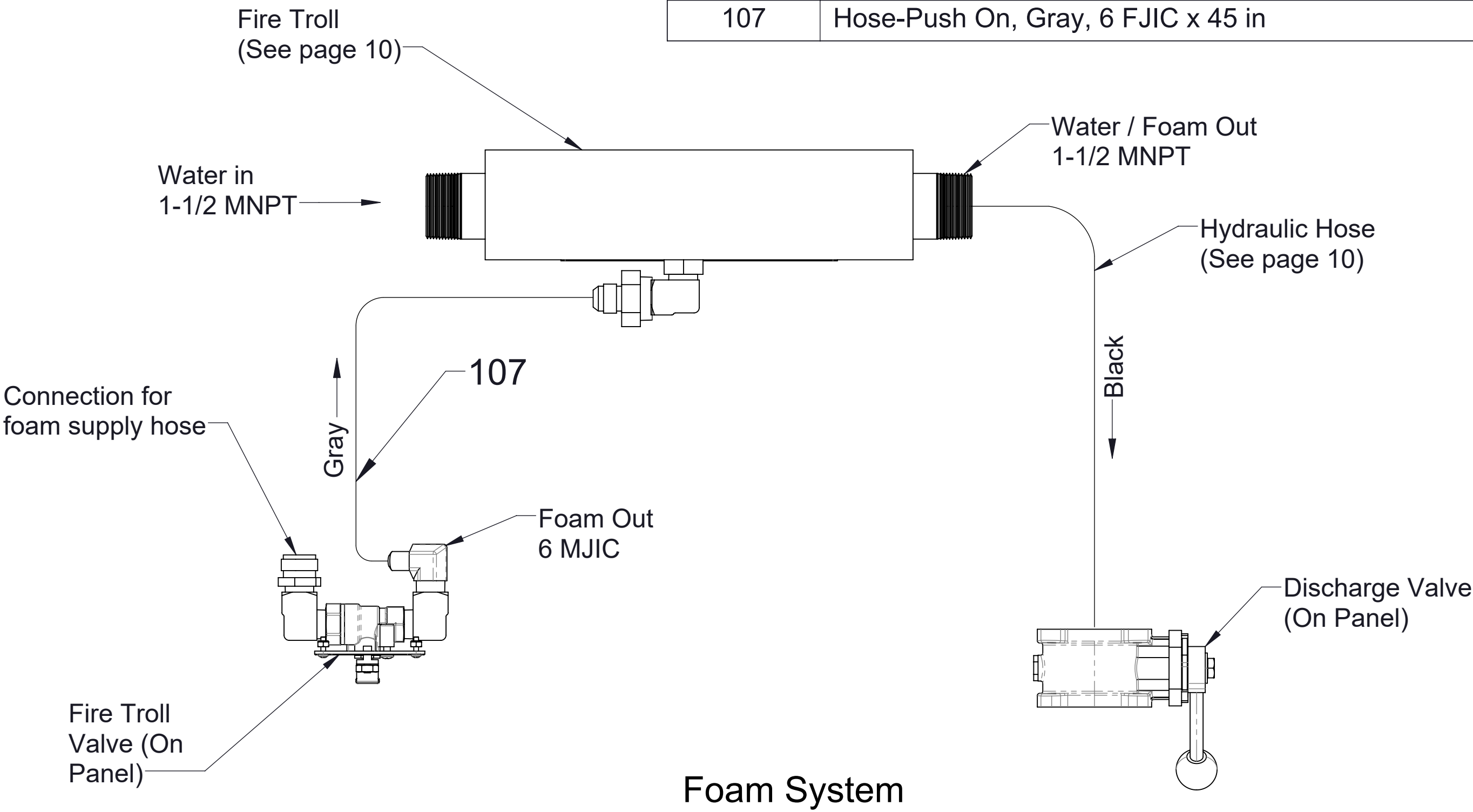


Tubing and Hoses - Air
Compressor

Ref No.	Description
84	Tube-Nylon, Black, 3/8 AB x 48 in
137	Tube-Nylon, Red, 1/4 AB x 24 in

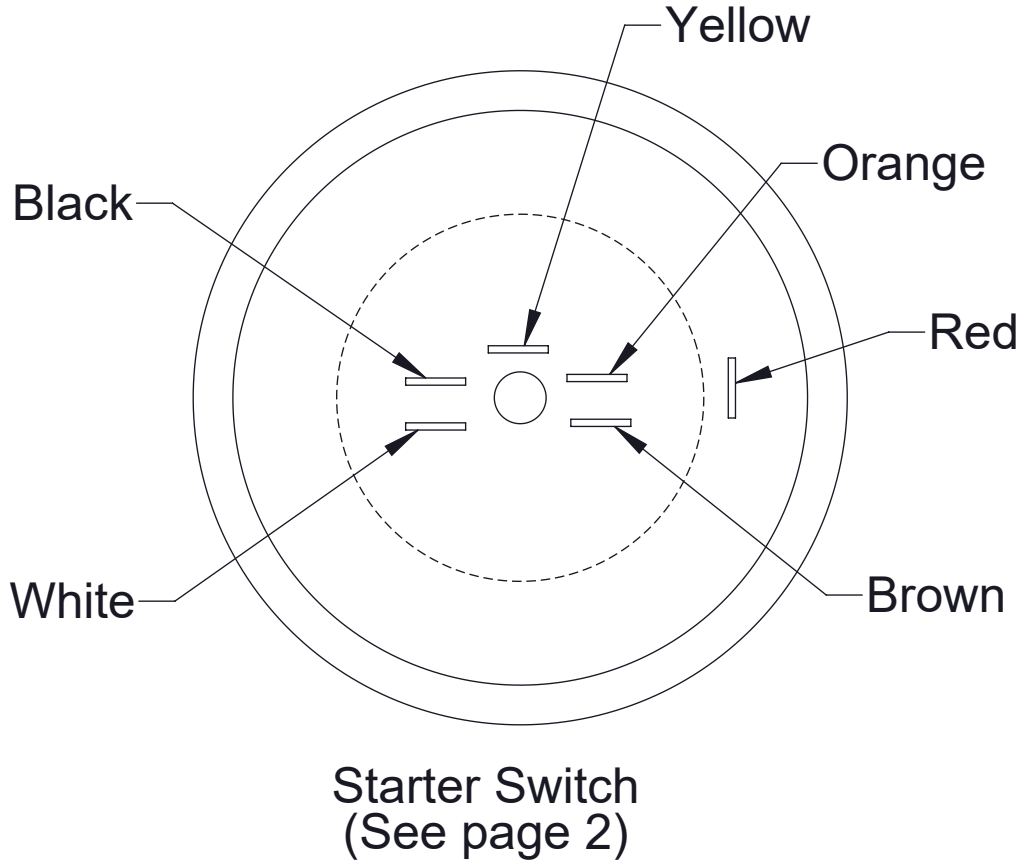


Ref No.	Description
107	Hose-Push On, Gray, 6 FJIC x 45 in

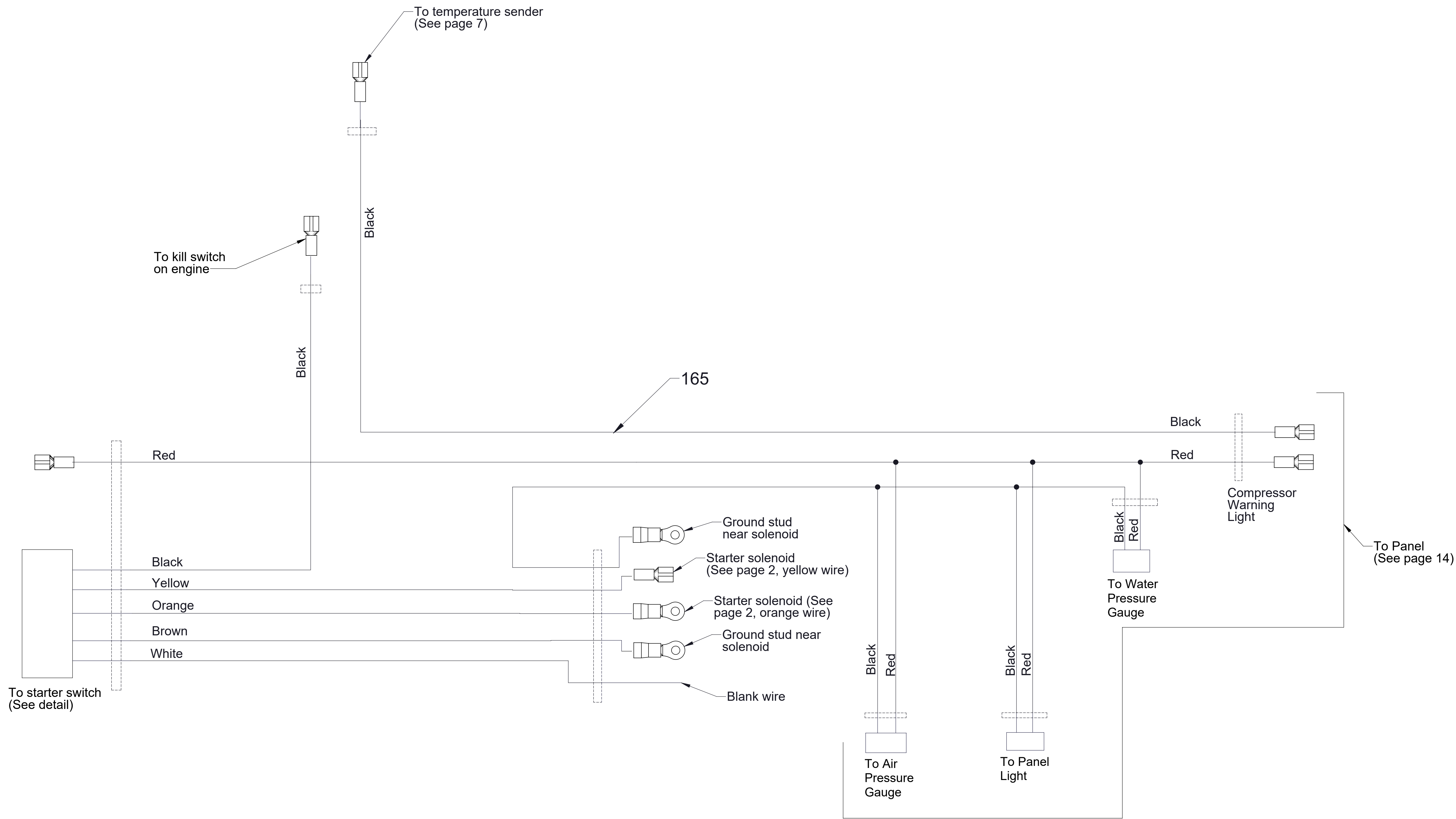


Ref No.	Description
109	Tube-Nylon, Blue, 3/8 AB x 48 in
110	Hose-Vinyl, 1/2 in

Primer

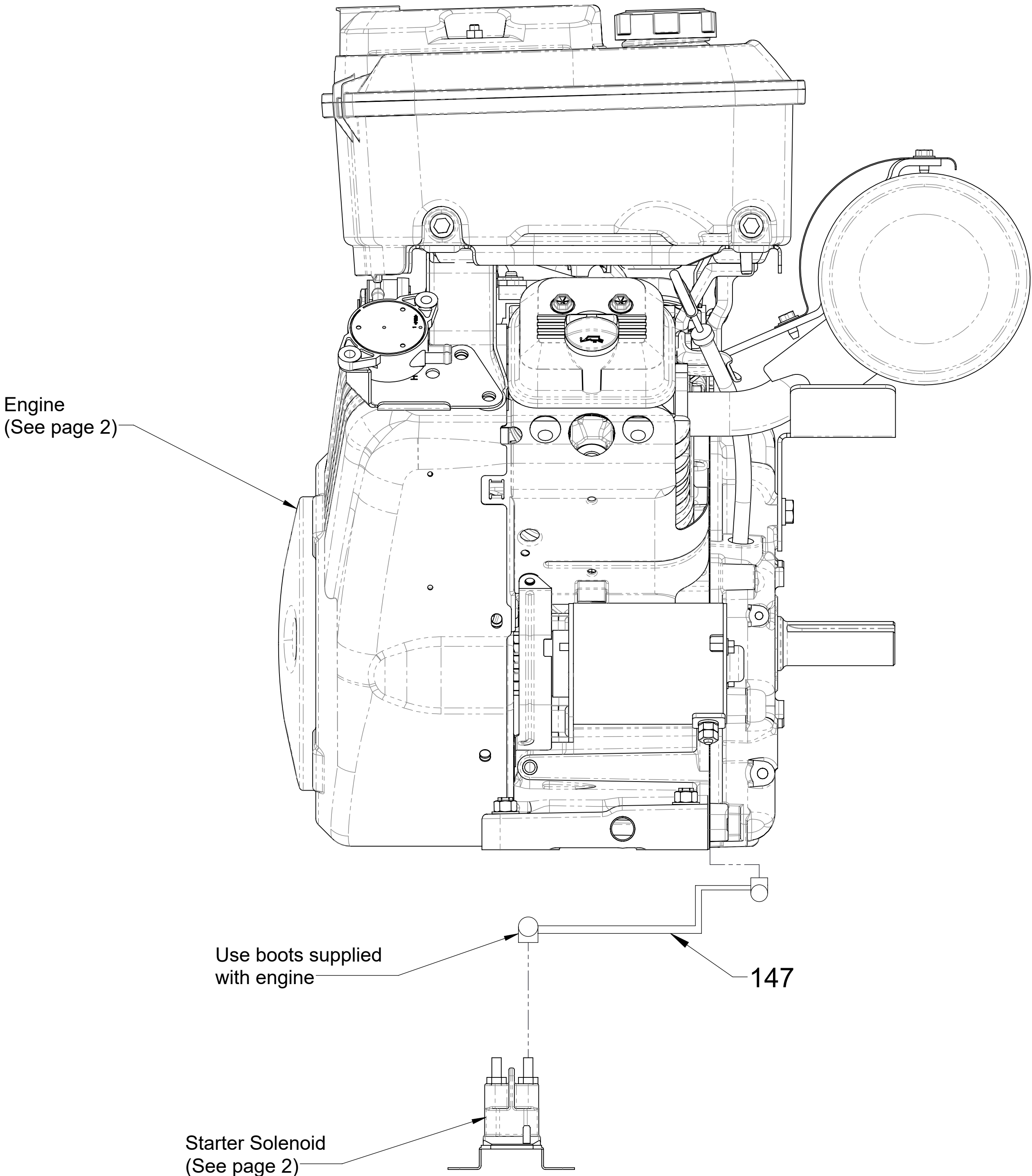


Ref No.	Description
165	Harness-Wiring



Wiring - Harness

Ref No.	Description
147	Wire-Assembly, Solenoid To Starter



Wire-Engine