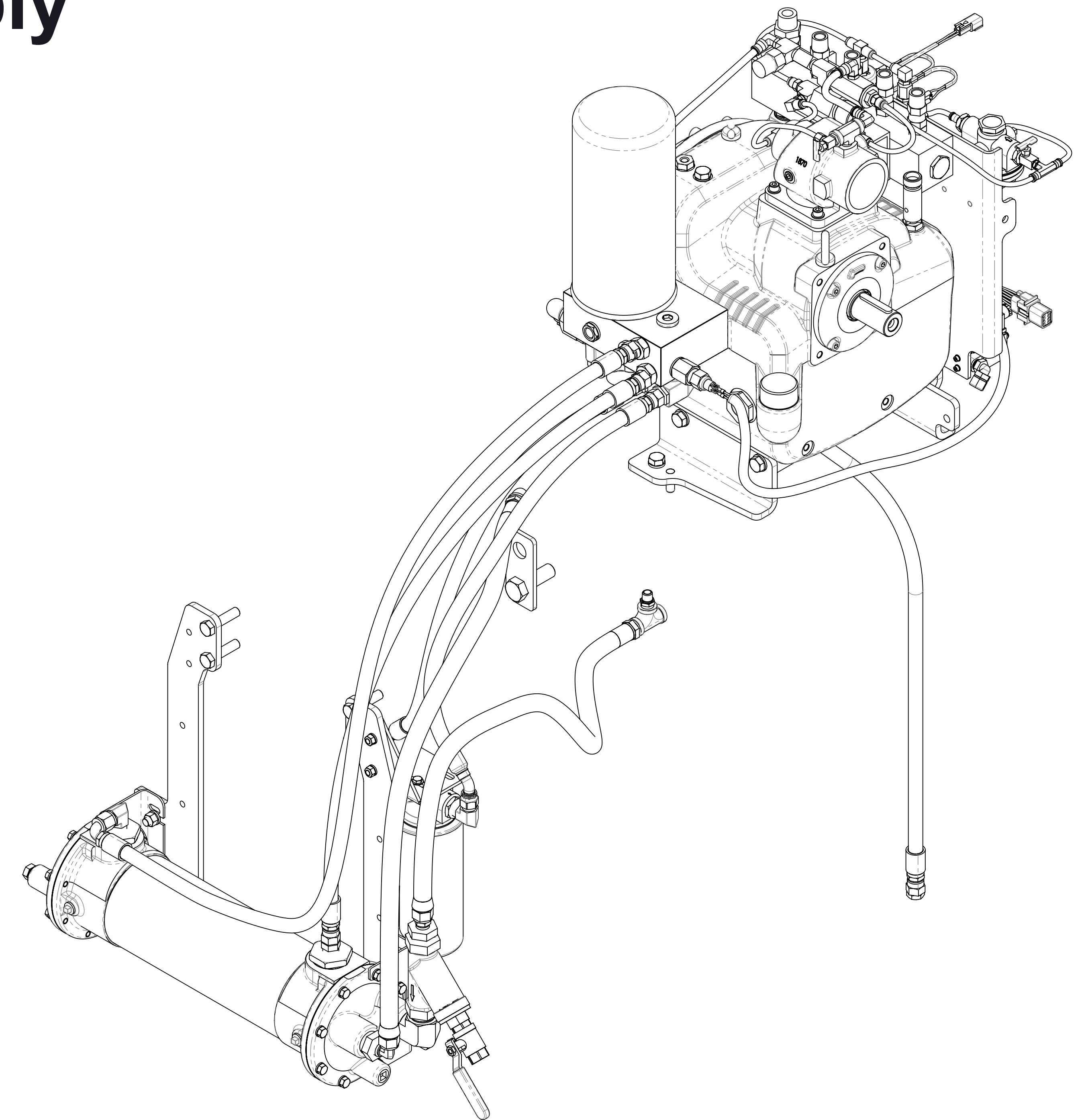


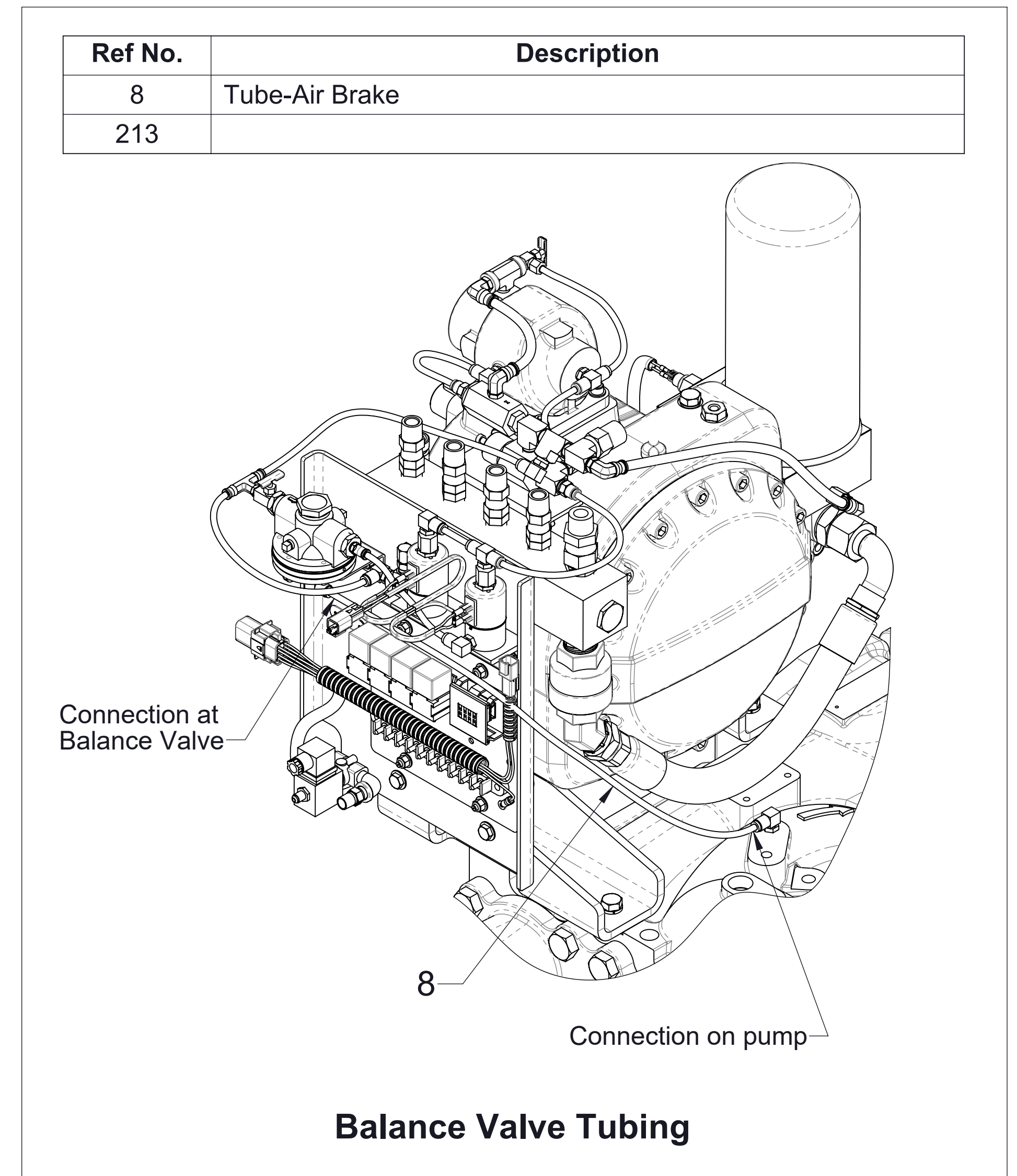
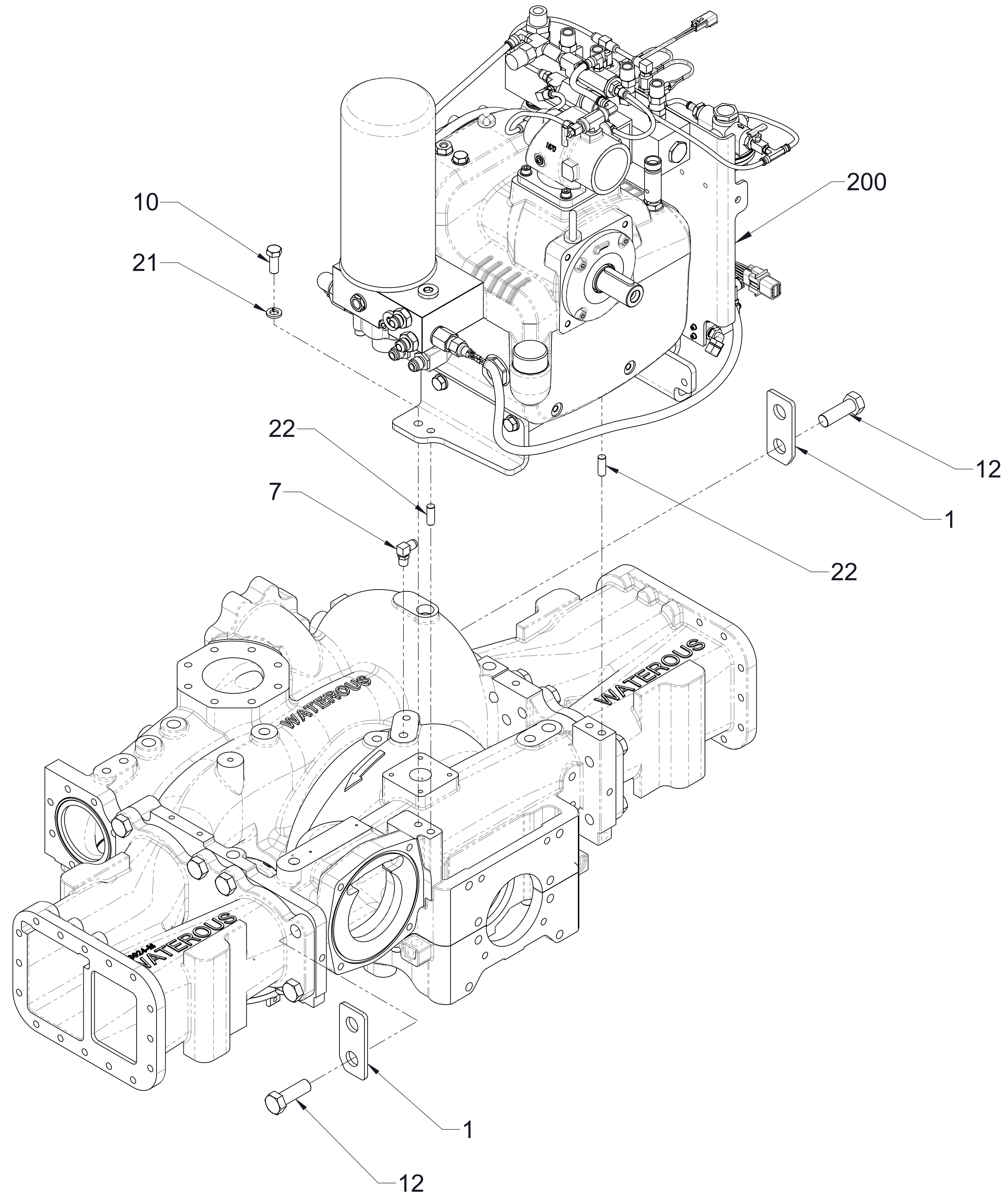
# Eclipse™ Air Compressor Assembly

(Models ECL-500 and ECL-600)

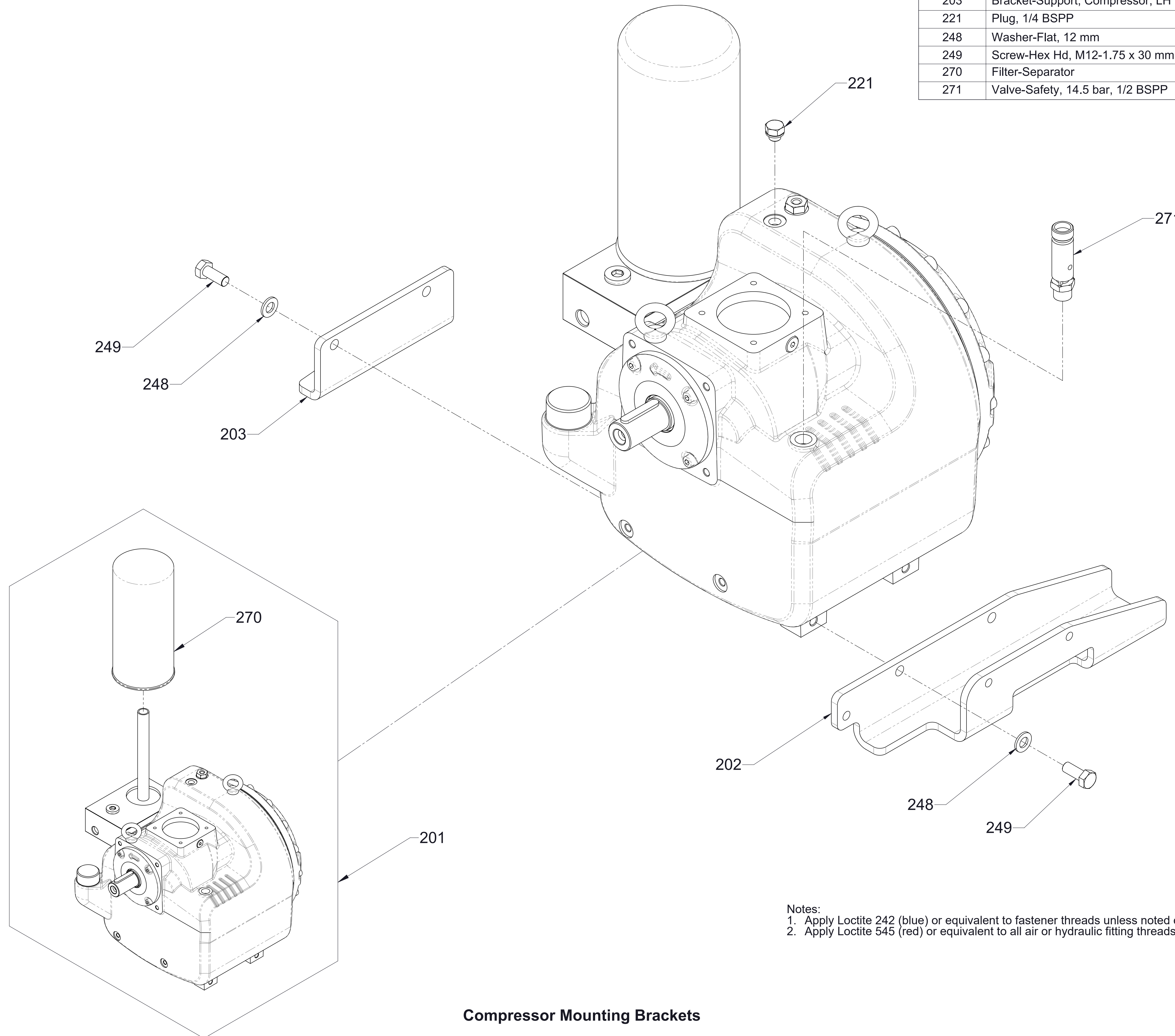
Component	See Page
Compressor Mounting on Pump	2
Compressor Mounting Brackets	3
Compressor Air Inlet	4
Compressor Oil Filter Adapter	5
Compressor Relay Panel to Compressor	6
Compressor Relay Panel	7
Compressor PMC	8
Compressor Balance Valve	9
Compressor Auto Sync	10
Compressor Air Manifold Hose	11
Compressor Air Tubing	12
Oil Cooler and Filter	13
Oil Cooler and Filter Components	14
Oil Lines	15
Water Lines	16
Panel Components	17



Ref No.	Description
1	Lug-Lifting
7	Elbow-90°, 1/4 MNPT x 1/4 AB
10	Screw-Hex Hd, 1/2-13 x 1-1/4 in
12	Screw-Hex Hd, 3/4-10 x 2-1/4 in
21	Washer-Lock, 1/2 in
22	Pin-Dowel, 7/16 x 1-1/4 in
200	Compressor Subassembly

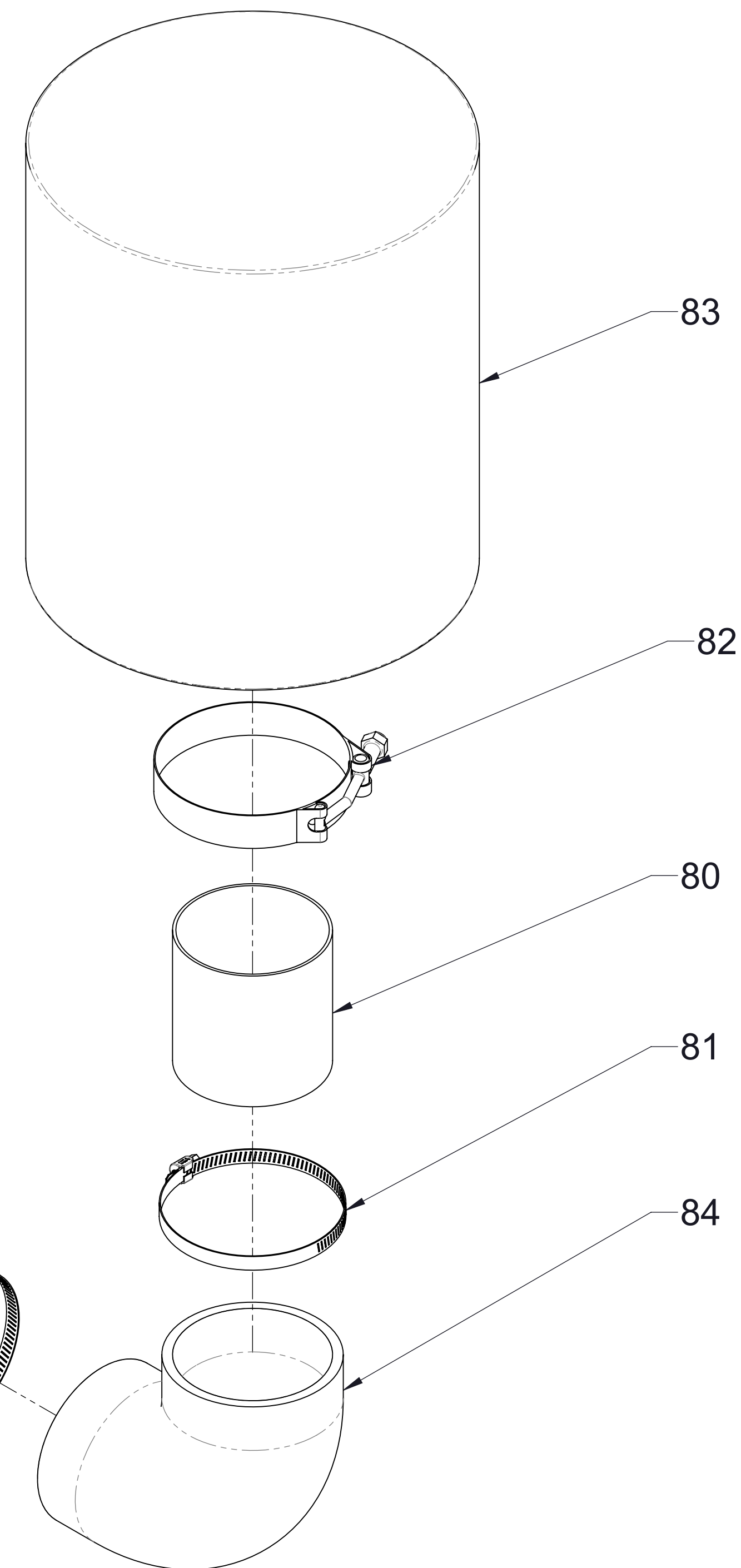
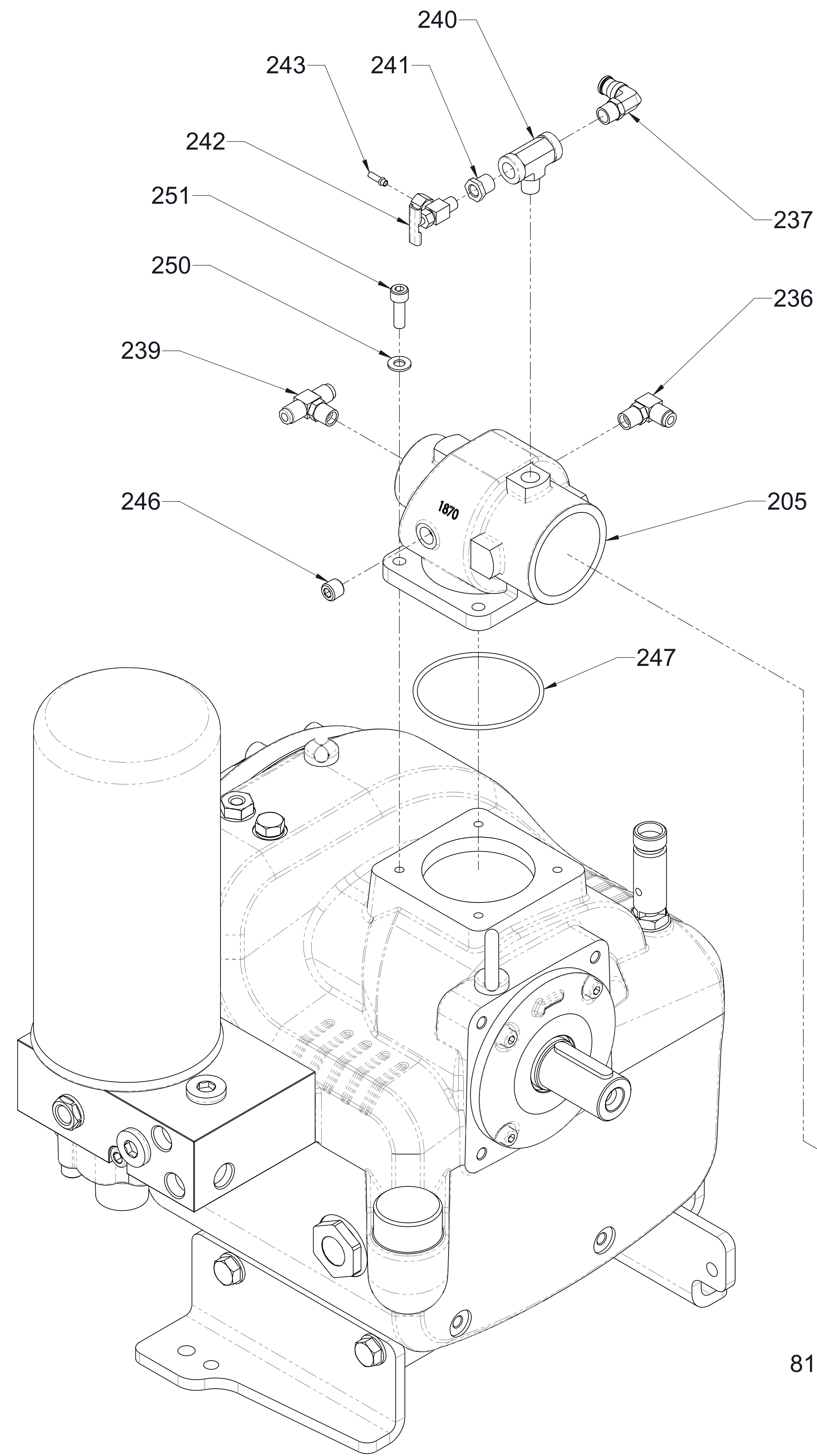


Ref No.	Description
201	Compressor-Eclipse
202	Bracket-Support, Compressor, RH
203	Bracket-Support, Compressor, LH
221	Plug, 1/4 BSPP
248	Washer-Flat, 12 mm
249	Screw-Hex Hd, M12-1.75 x 30 mm
270	Filter-Separator
271	Valve-Safety, 14.5 bar, 1/2 BSPP



Notes:  
1. Apply Loctite 242 (blue) or equivalent to fastener threads unless noted otherwise.  
2. Apply Loctite 545 (red) or equivalent to all air or hydraulic fitting threads unless noted otherwise.

**Compressor Mounting Brackets**

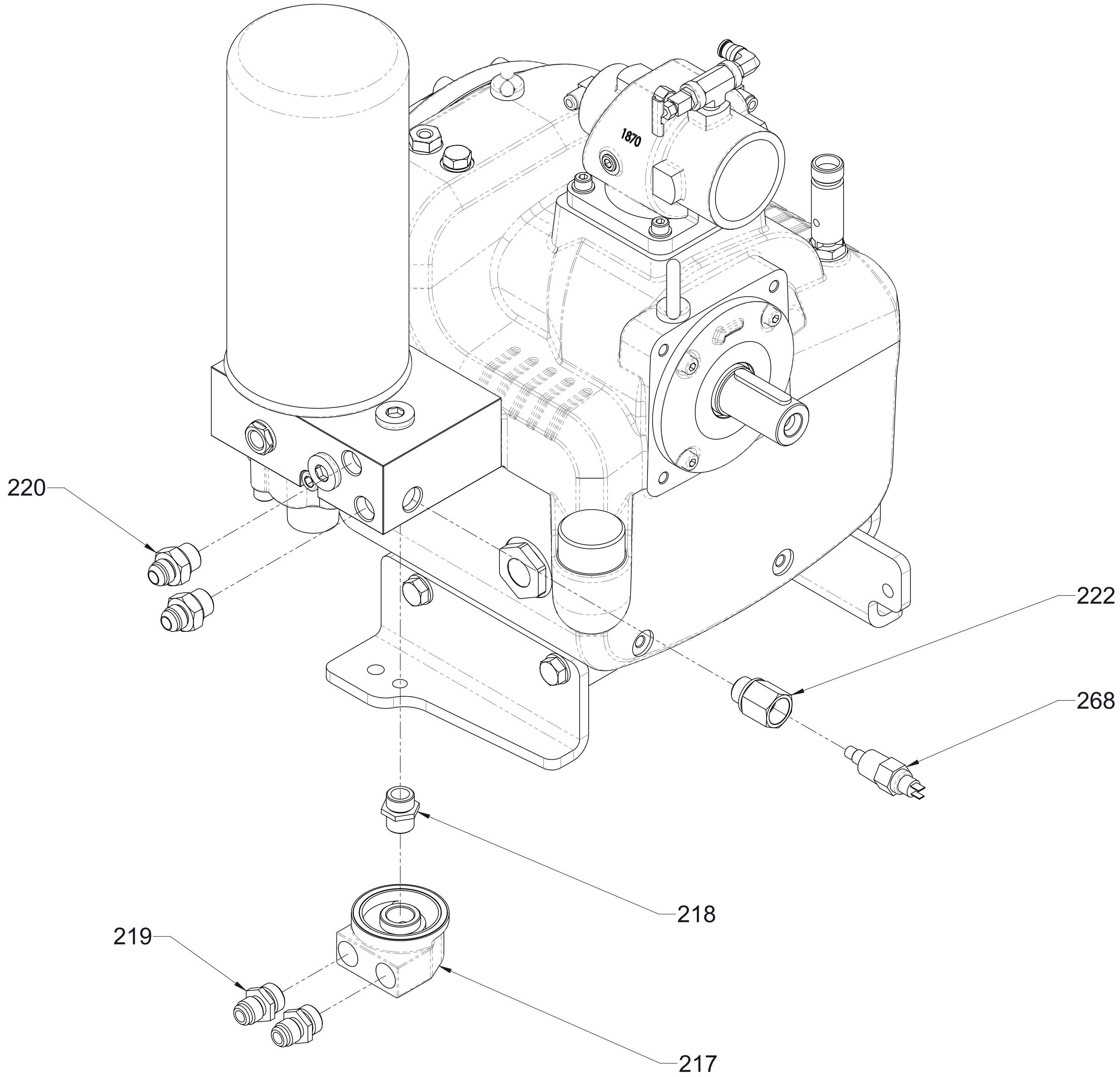


Ref No.	Description
80	Adapter-Air Inlet, 3 in
81	Clamp-Hose, 3-3/4 in
82	T-Bolt, 3-1/2 in
83	Filter-Air, 3 in
84	Elbow-Rubber 3 in x 90°
205	Air Inlet, 2-1/2 in, 90° (Small Pad)
236	Elbow-90°, 1/4 MNPT x 1/4 AB
237	Fitting-Elbow, 3/8 PTC x 1/4 MNPT, 90°
239	Tee-Branch, 1/4 MNPT x 1/4 AB x 1/4 AB
240	Tee-Male Branch, 1/4 FNPT x 1/4 MNPT x 1/4 FNPT
241	Bushing-Reducing, 1/4 MNPT x 1/8 FNPT
242	Valve - Trim, 1/8 MNPT X 1/4 Compression
243	Sleeve-Internal Support
246	Plug-Pipe, Headless, 1/4 NPT
247	O-Ring, 3-1/2 x 3-3/4 in
250	Washer-Flat, 8 mm
251	Screw-Soc Hd, M8-1.25 x 25 mm

- Notes:
1. Apply Loctite 242 (blue) or equivalent to fastener threads unless noted otherwise.
  2. Apply Loctite 545 (red) or equivalent to all air or hydraulic fitting threads unless noted otherwise.

### Compressor Air Inlet

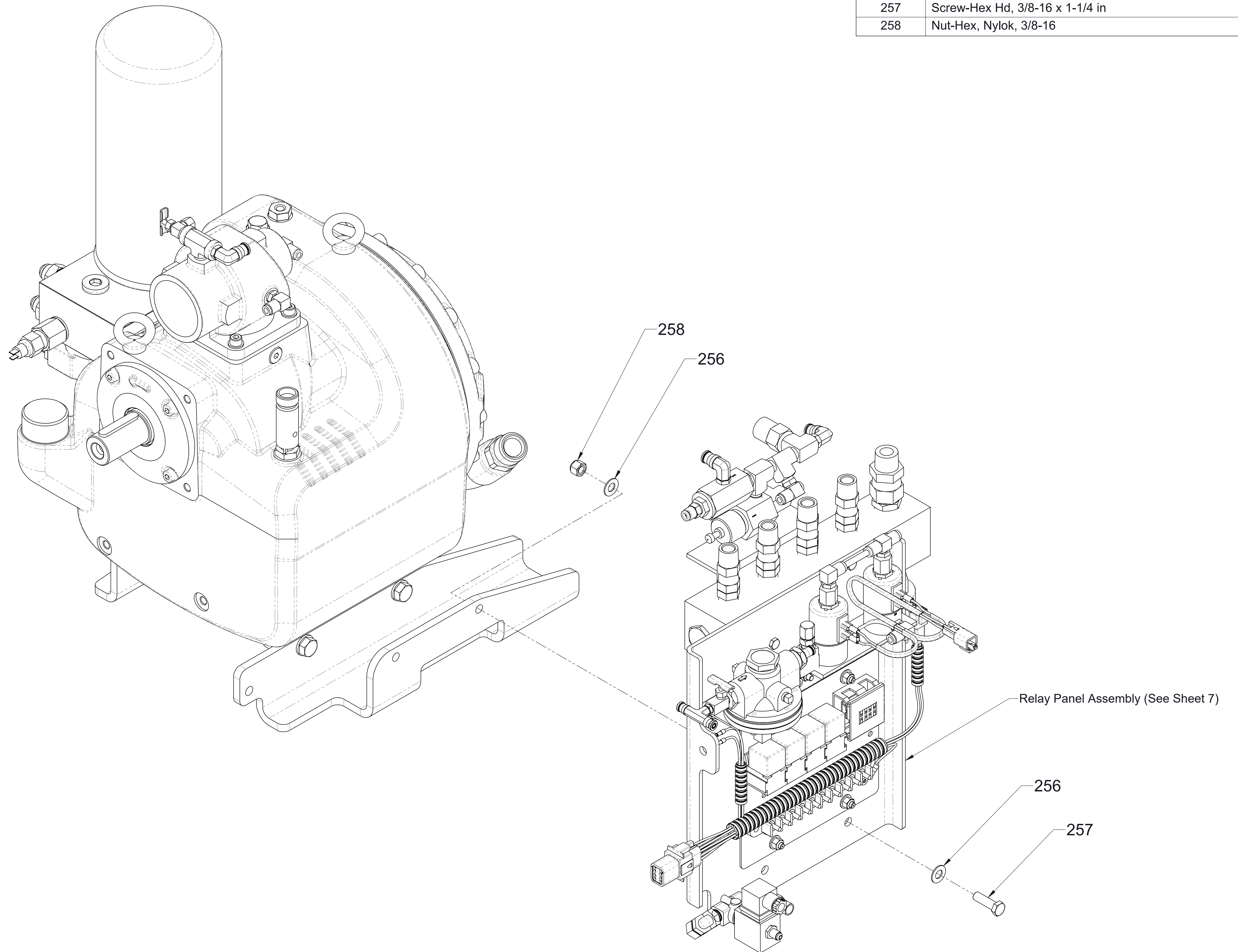
Ref No.	Description
217	Adapter-Filter, Oil, Remote
218	Adapter-Straight, 1/2 BSPP to 13/16-16
219	Adapter-Fitting, 10AN O-ring x 8AN
220	Adapter-Straight, 1/2 JIC x 1/2 BSPP
222	Adapter, 1/2 BSPP x 1/2 NPT
268	Temperature Sender



Notes:  
 1. Apply Loctite 242 (blue) or equivalent to fastener threads unless noted otherwise.  
 2. Apply Loctite 545 (red) or equivalent to all air or hydraulic fitting threads unless noted otherwise.

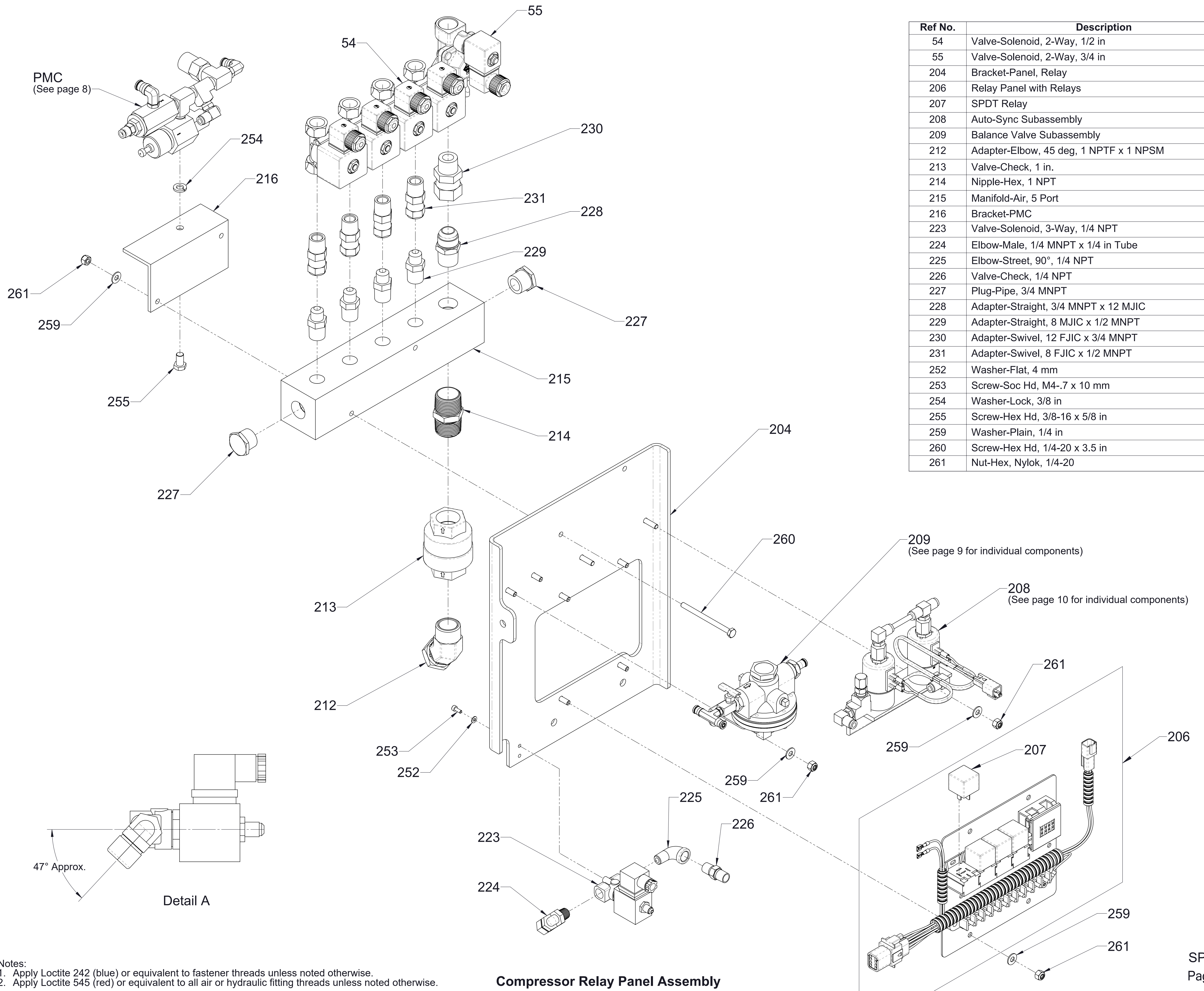
**Compressor Oil Filter Adapter**

Ref No.	Description
256	Washer-Plain, 3/8 in
257	Screw-Hex Hd, 3/8-16 x 1-1/4 in
258	Nut-Hex, Nylok, 3/8-16



Notes:  
 1. Apply Loctite 242 (blue) or equivalent to fastener threads unless noted otherwise.  
 2. Apply Loctite 545 (red) or equivalent to all air or hydraulic fitting threads unless noted otherwise.

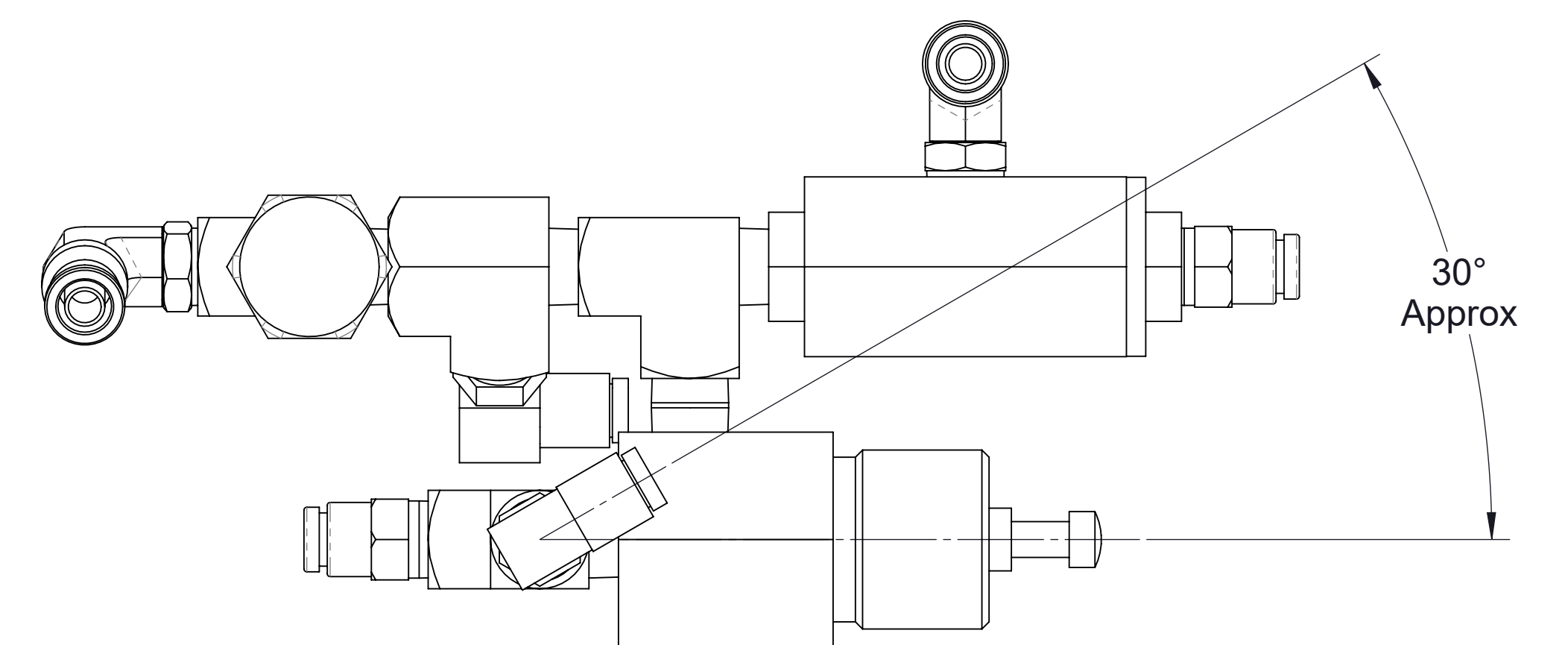
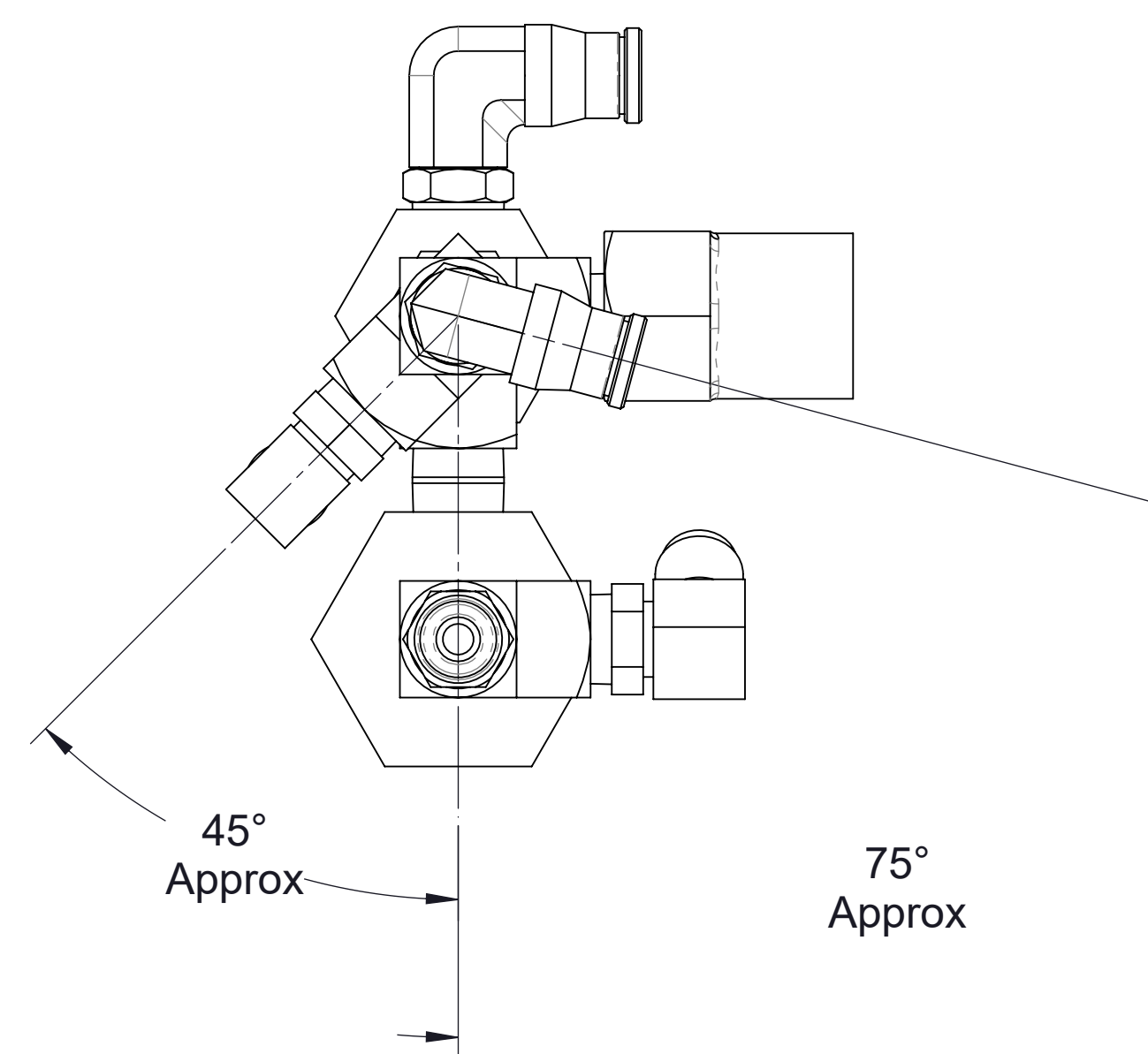
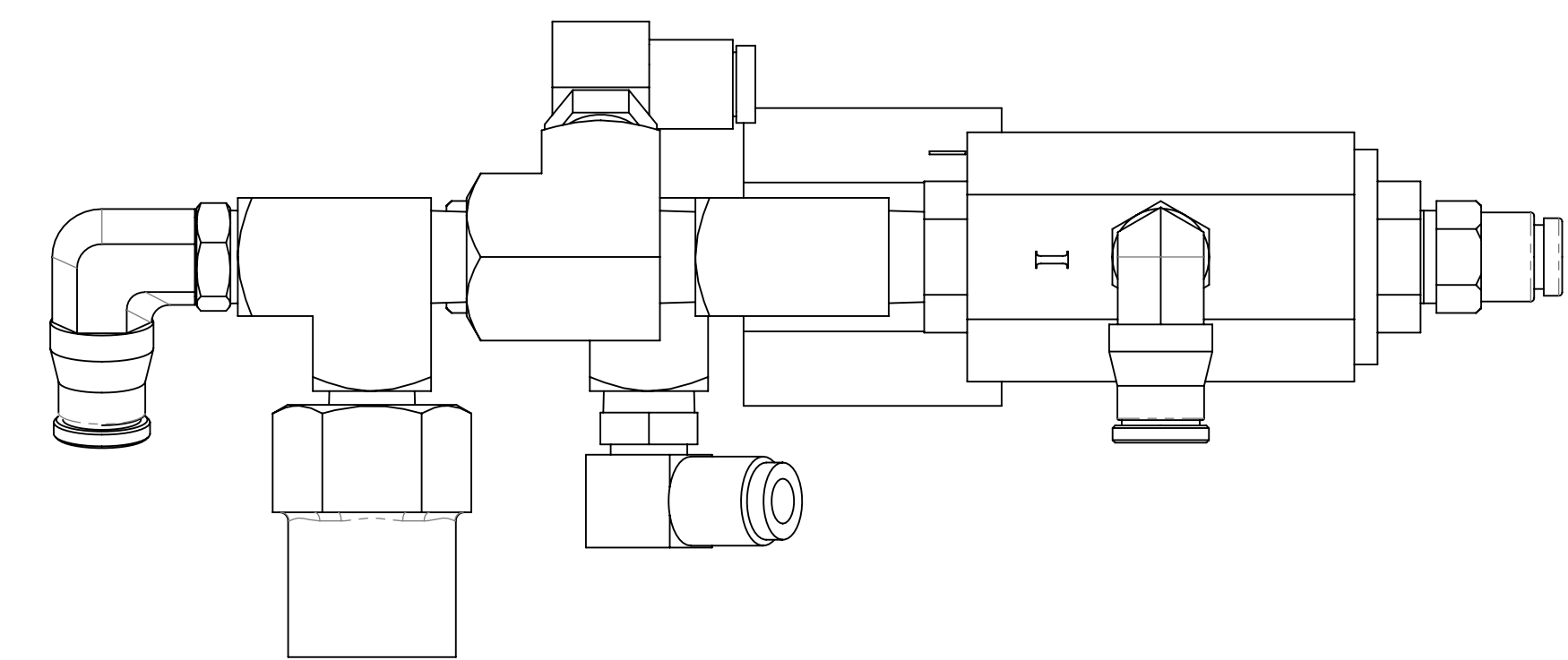
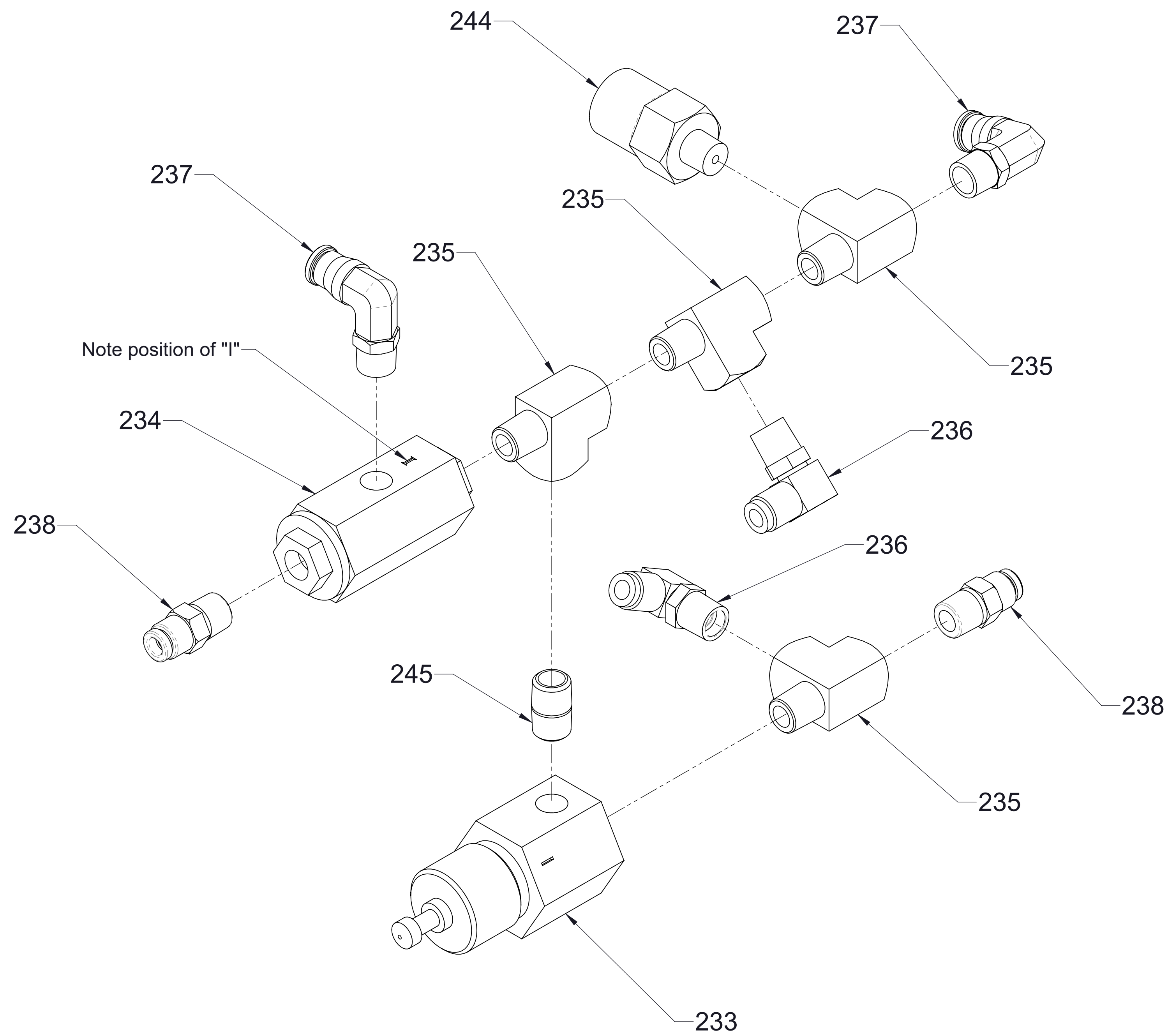
**Relay Panel Assembly to Compressor**



Notes:  
 1. Apply Loctite 242 (blue) or equivalent to fastener threads unless noted otherwise.  
 2. Apply Loctite 545 (red) or equivalent to all air or hydraulic fitting threads unless noted otherwise.

**Compressor Relay Panel Assembly**

Ref No.	Description
233	Pressure Regulator
234	Valve-Blowdown
235	Tee-Street, 1/4 NPT
236	Elbow-90°, 1/4 MNPT x 1/4 AB
237	Fitting-Elbow, 3/8 PTC x 1/4 MNPT, 90°
238	Adapter-Straight, 1/4 MNPT x 1/4 AB
244	Switch-Pressure
245	Nipple-Pipe, 1/4 NPT x 7/8 in

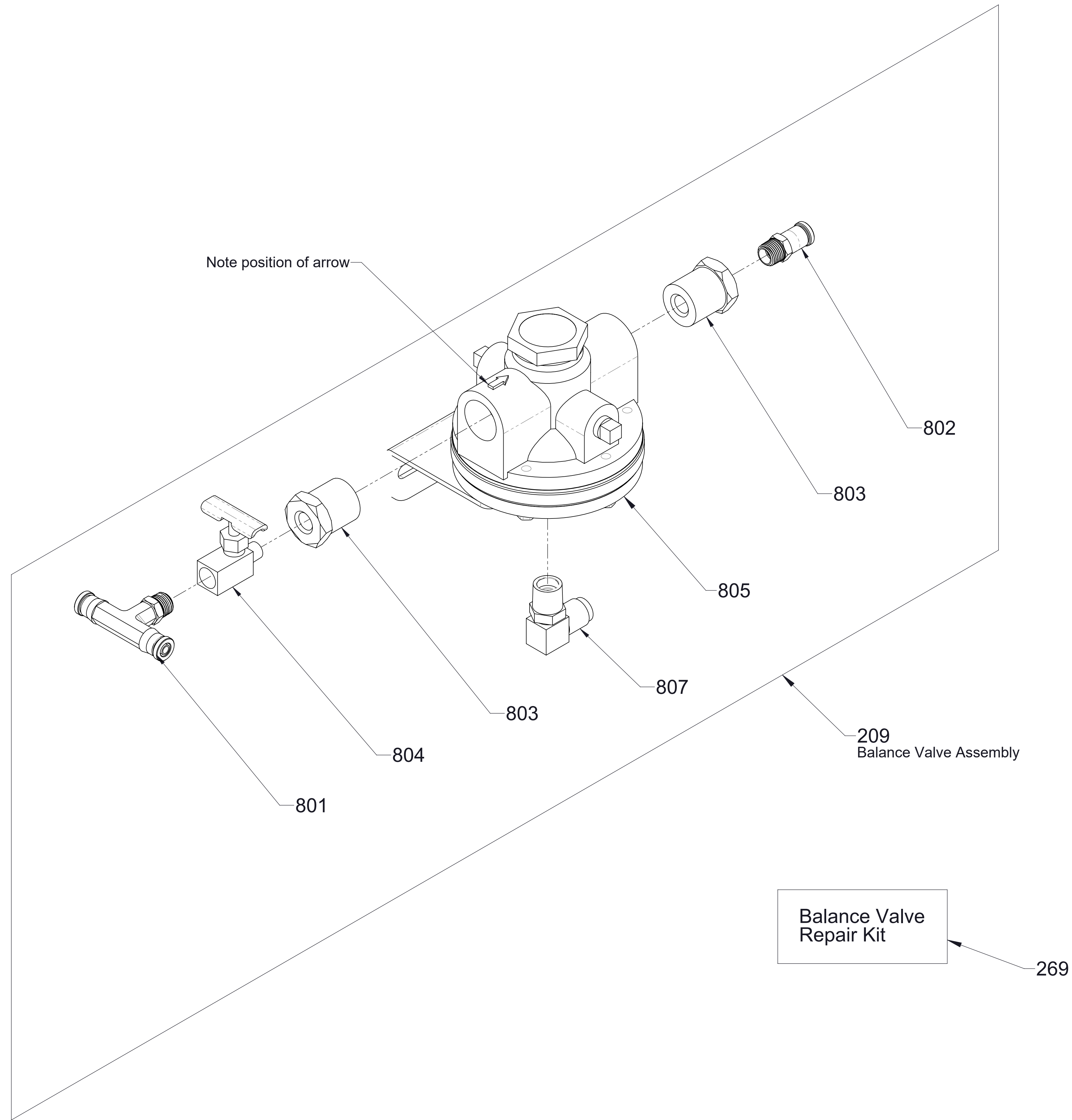


- Notes:
1. Apply Loctite 242 (blue) or equivalent to fastener threads unless noted otherwise.
  2. Apply Loctite 545 (red) or equivalent to all air or hydraulic fitting threads unless noted otherwise.

**Compressor PMC**



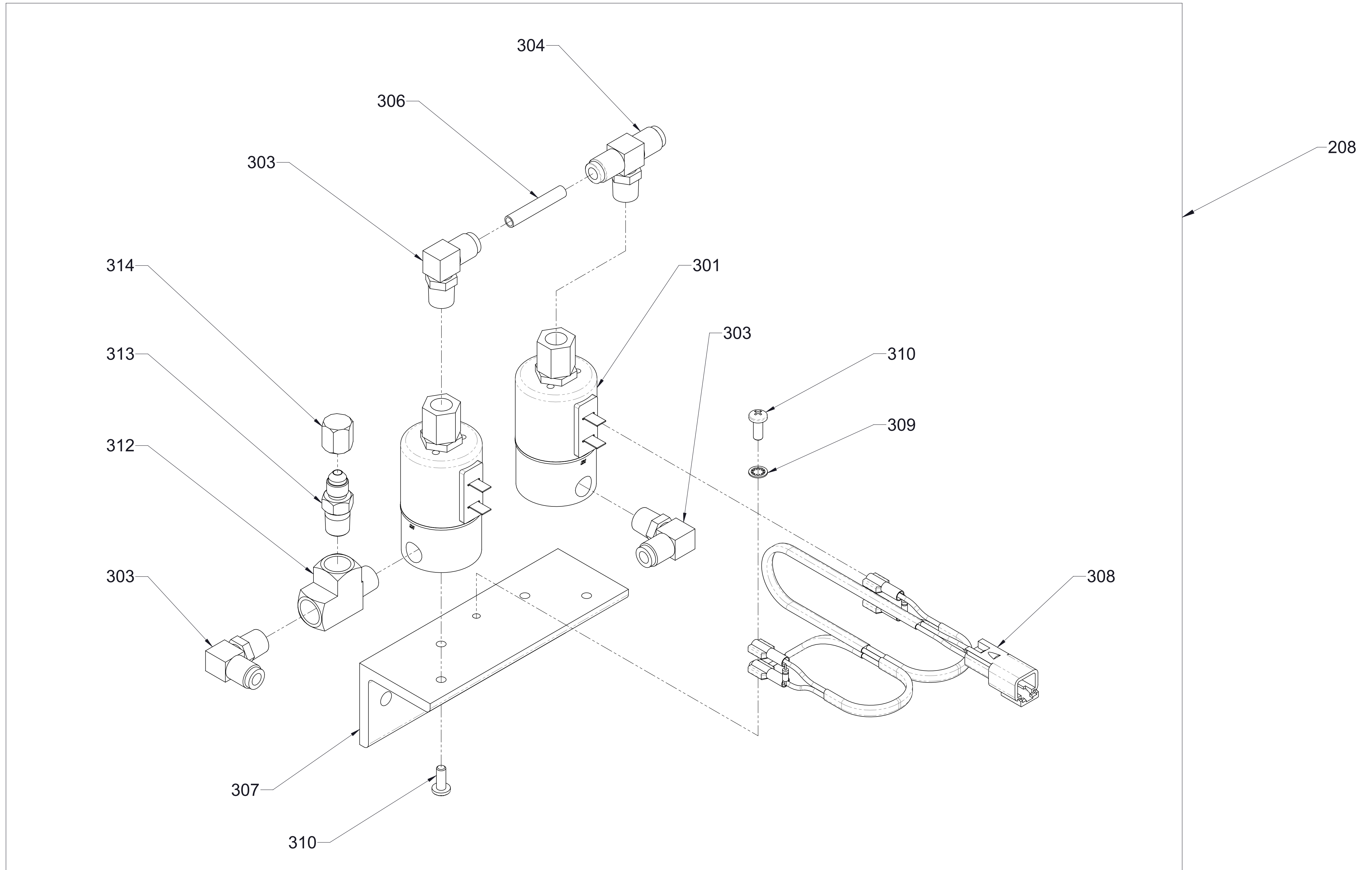
Ref No.	Description
209	Balance Valve Assembly
269	Balance Valve Repair Kit
801	Tee-Branch, 1/8 MNPT x 1/4 AB x 1/4 AB
802	Connector-Straight, 1/8 MNPT x 1/4 AB
803	Bushing-Reducing, 1/2 NPT x 1/8 NPT
804	Valve-Trim, Straight, 1/8 NPT
805	Balance Valve Subassembly
807	Elbow-90°, 1/4 MNPT x 1/4 AB



- Notes:
1. Apply Loctite 242 (blue) or equivalent to fastener threads unless noted otherwise.
  2. Apply Loctite 545 (red) or equivalent to all air or hydraulic fitting threads unless noted otherwise.

### Compressor Balance Valve

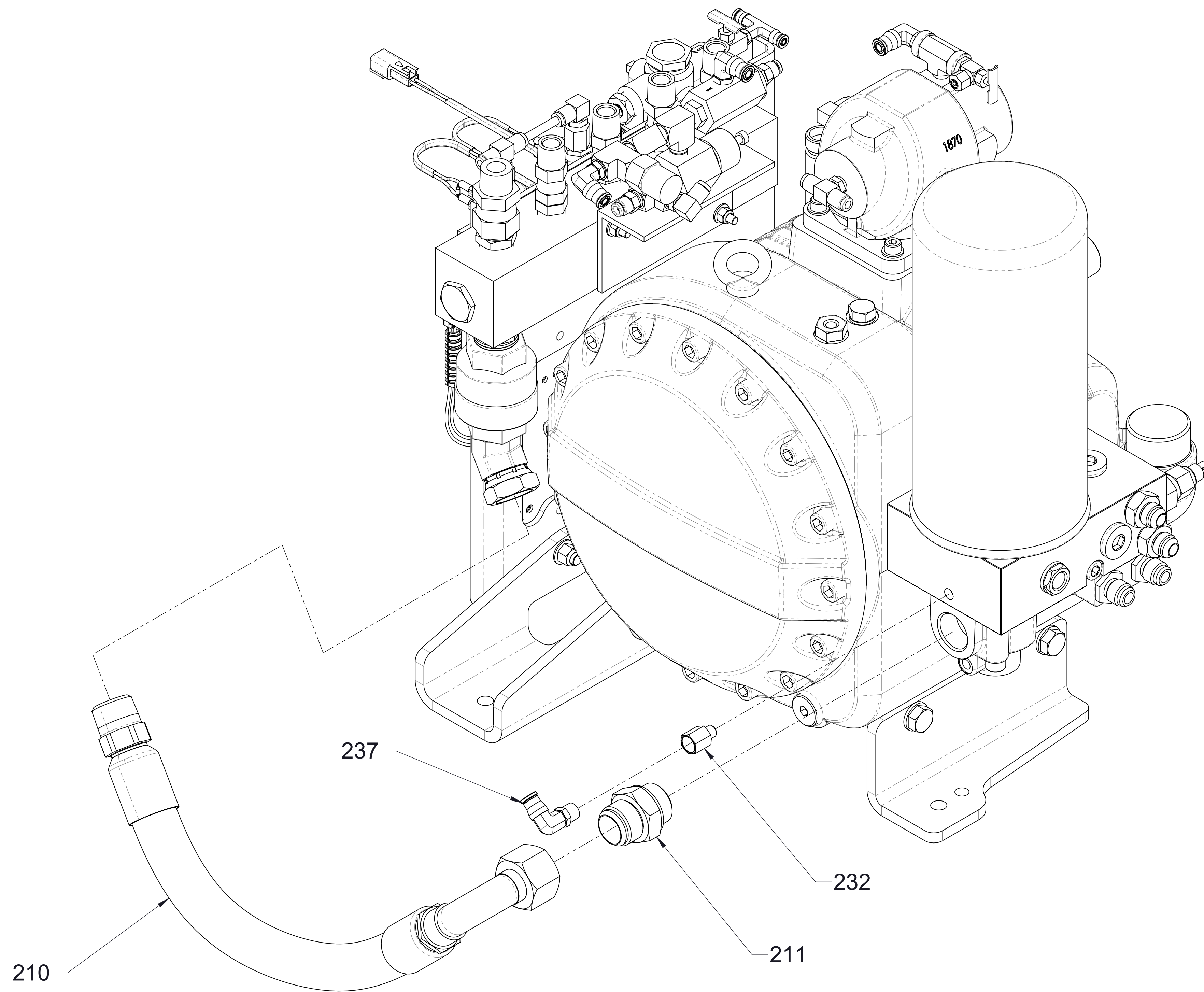
Ref No.	Description
208	Auto-Sync Subassembly
301	Valve-Solenoid
303	Elbow-90°, 1/4 MNPT x 1/4 AB
304	Tee-Branch, 1/4 MNPT x 1/4 AB x 1/4 AB
306	Tubing-Air Brake, 1/4 in, Red
307	Bracket-Angle, Auto-Sync
308	Harness-Wire Solenoid
309	Washer-Lock, Internal Tooth, #10
310	Screw-Machine, Pan Hd, #10-32 x 1/2 in
312	Tee-Run, 1/4 FNPT x 1/4 MNPT x 1/4 FNPT
313	Adapter-Straight, 4 MJIC x 1/4 MNPT
314	Cap, 4 JIC



Notes:  
1. Apply Loctite 242 (blue) or equivalent to fastener threads unless noted otherwise.  
2. Apply Loctite 545 (red) or equivalent to all air or hydraulic fitting threads unless noted otherwise.

**Compressor Auto Sync**

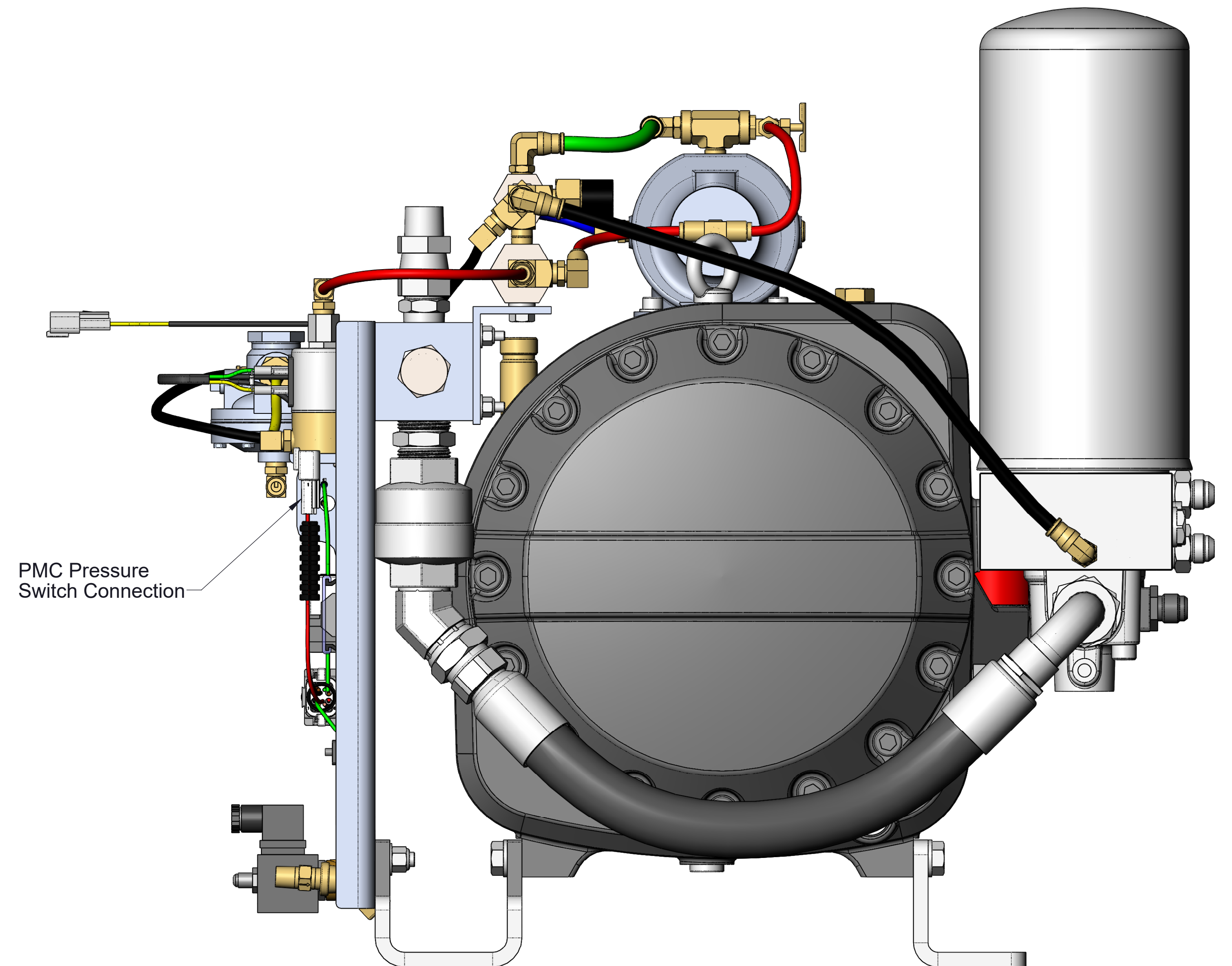
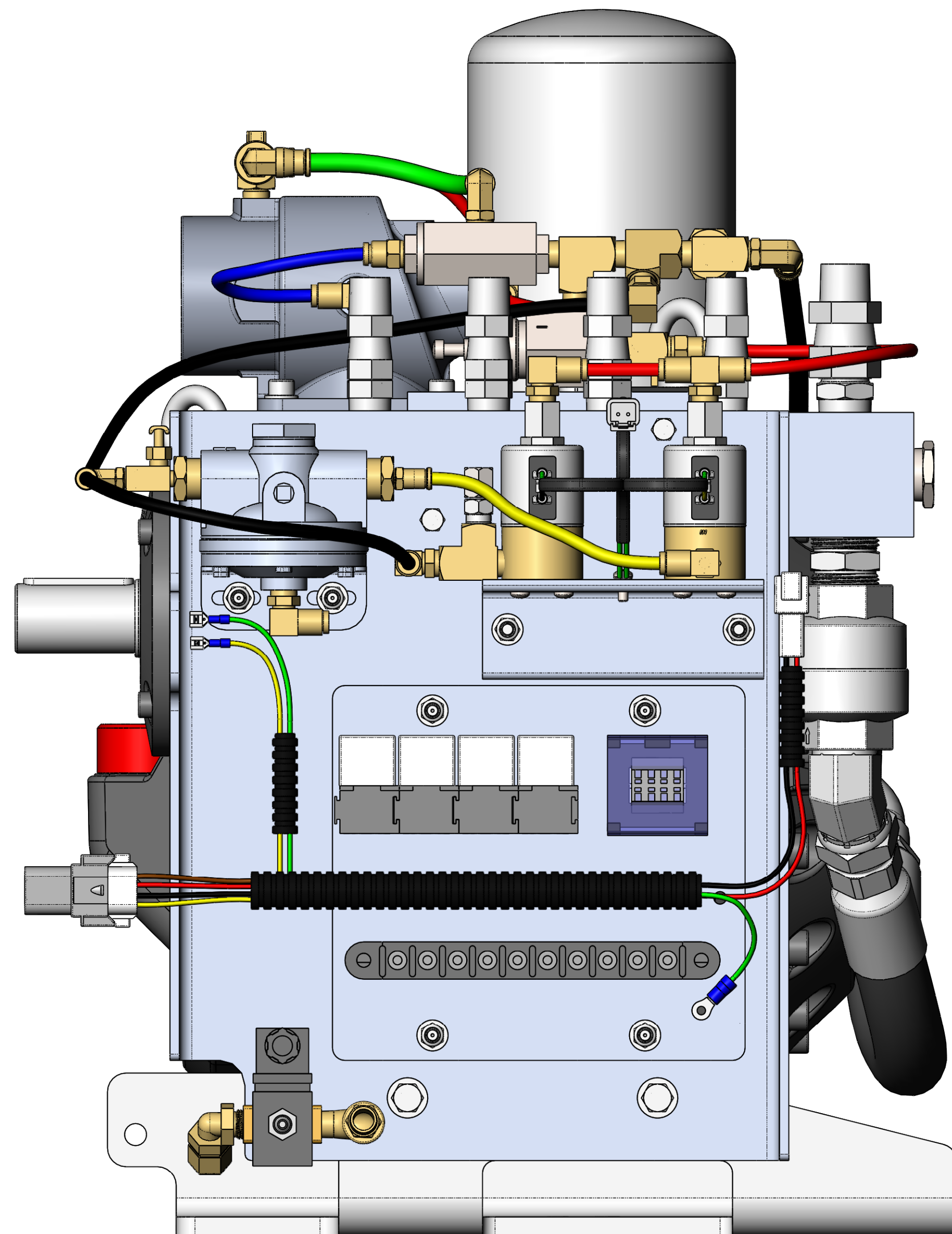
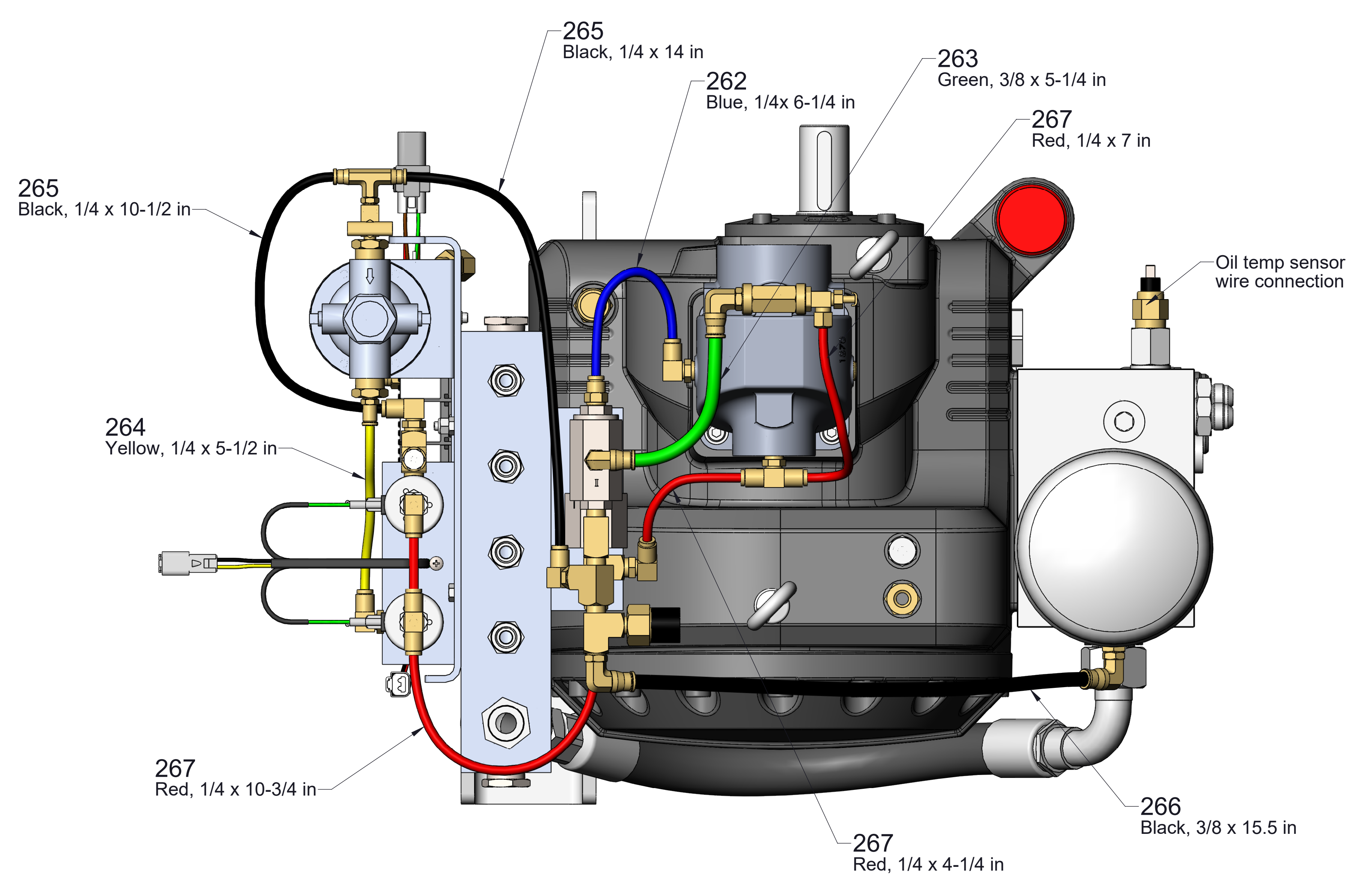
Ref No.	Description
210	Hose-Hydraulic, 1 in x 20 in
211	Adapter-Straight, 1 in JIC x 1 BSPP
232	Adapter, 1/8 BSPP x 1/4 MNPT
237	Fitting-Elbow, 3/8 PTC x 1/4 MNPT, 90°



Notes:  
1. Apply Loctite 242 (blue) or equivalent to fastener threads unless noted otherwise.  
2. Apply Loctite 545 (red) or equivalent to all air or hydraulic fitting threads unless noted otherwise.

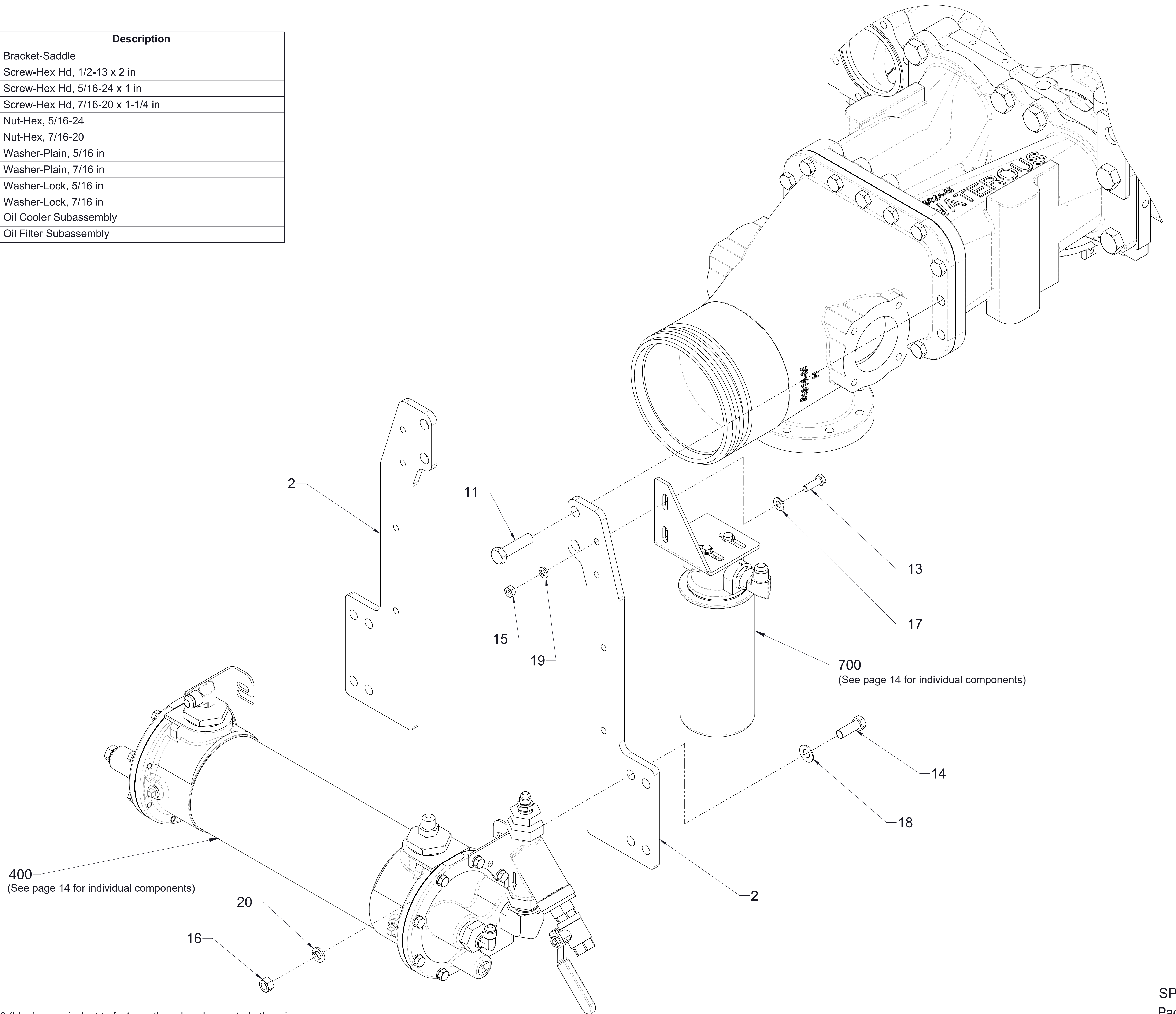
**Air Manifold Hose**

Ref No.	Description
262	Tubing-Air Brake, Blue, 1/4 in
263	Tubing-Air Brake, Green, 3/8 in
264	Tubing-Air Brake, Yellow, 1/4 in
265	Tubing-Air Brake, Black, 1/4 in
266	Tubing-Air Brake, Black, 3/8 in
267	Tubing-Air Brake, Red, 1/4 in



Compressor Air Circuit Tubing

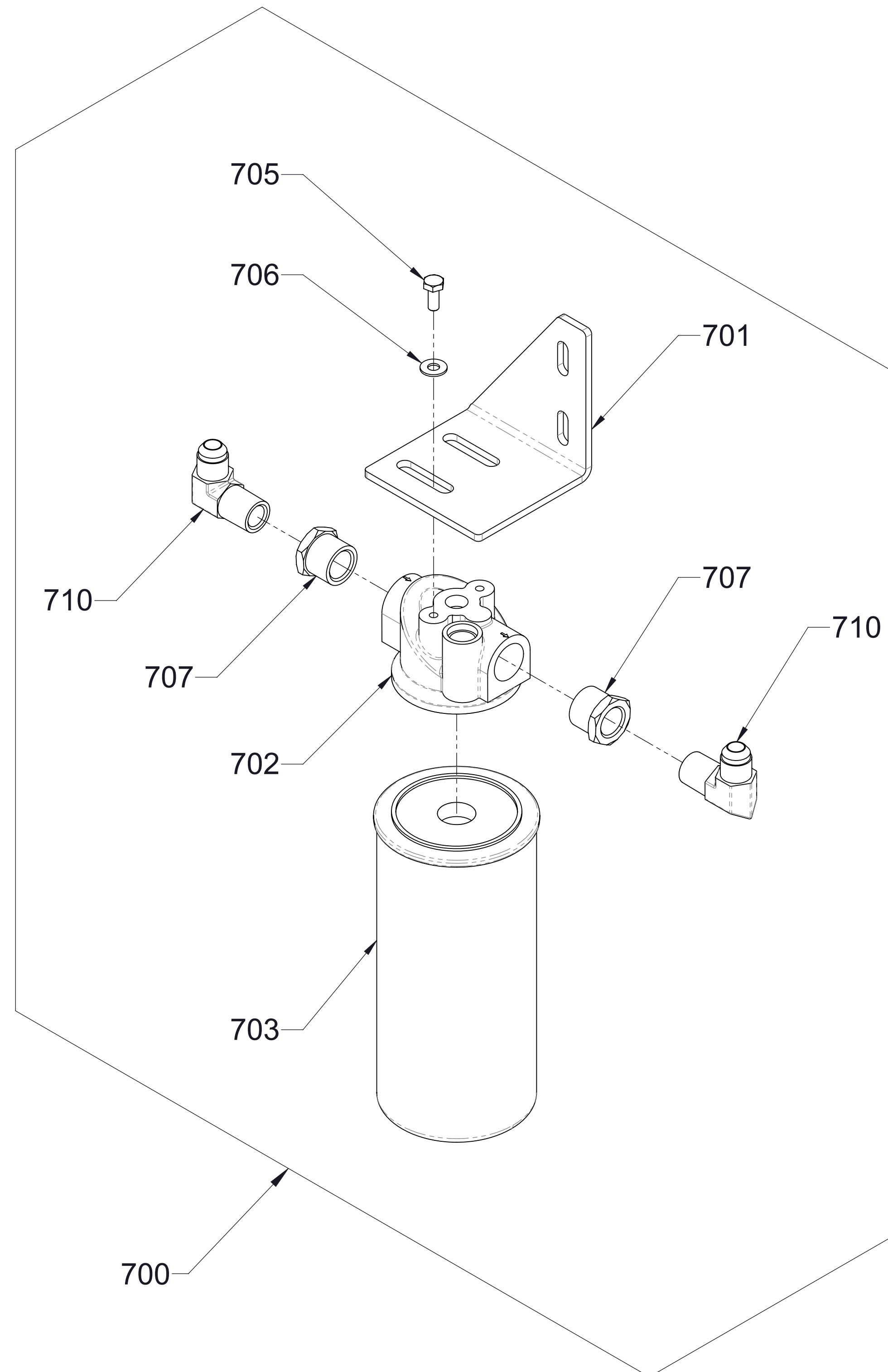
Ref No.	Description
2	Bracket-Saddle
11	Screw-Hex Hd, 1/2-13 x 2 in
13	Screw-Hex Hd, 5/16-24 x 1 in
14	Screw-Hex Hd, 7/16-20 x 1-1/4 in
15	Nut-Hex, 5/16-24
16	Nut-Hex, 7/16-20
17	Washer-Plain, 5/16 in
18	Washer-Plain, 7/16 in
19	Washer-Lock, 5/16 in
20	Washer-Lock, 7/16 in
400	Oil Cooler Subassembly
700	Oil Filter Subassembly



Note:  
1. Apply Loctite 242 (blue) or equivalent to fastener threads unless noted otherwise.

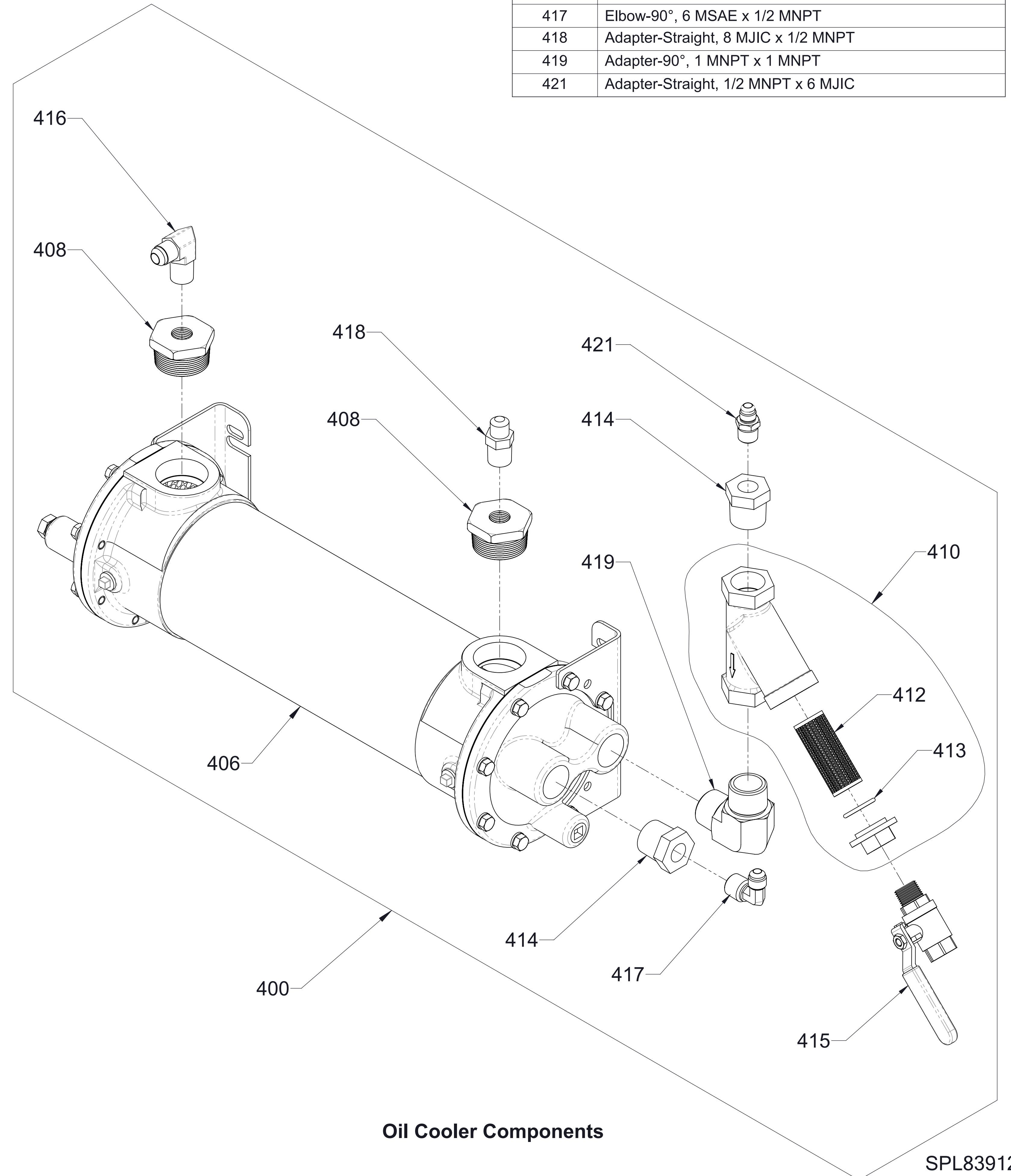
**Oil Cooler and Filter**

Ref No.	Description
700	Oil Filter Subassembly
701	Bracket-Separator Filter
702	Hydraulic Filter Head, Large
703	Filter-Oil, Large
705	Screw-Hex Hd, 1/4-20 x 5/8 in
706	Washer-Plain, 1/4 in
707	Bushing 3/4 x 1/2
710	Adapter-Elbow, 90 1/2 MNPT X 8 MJIC



**Oil Filter Components**

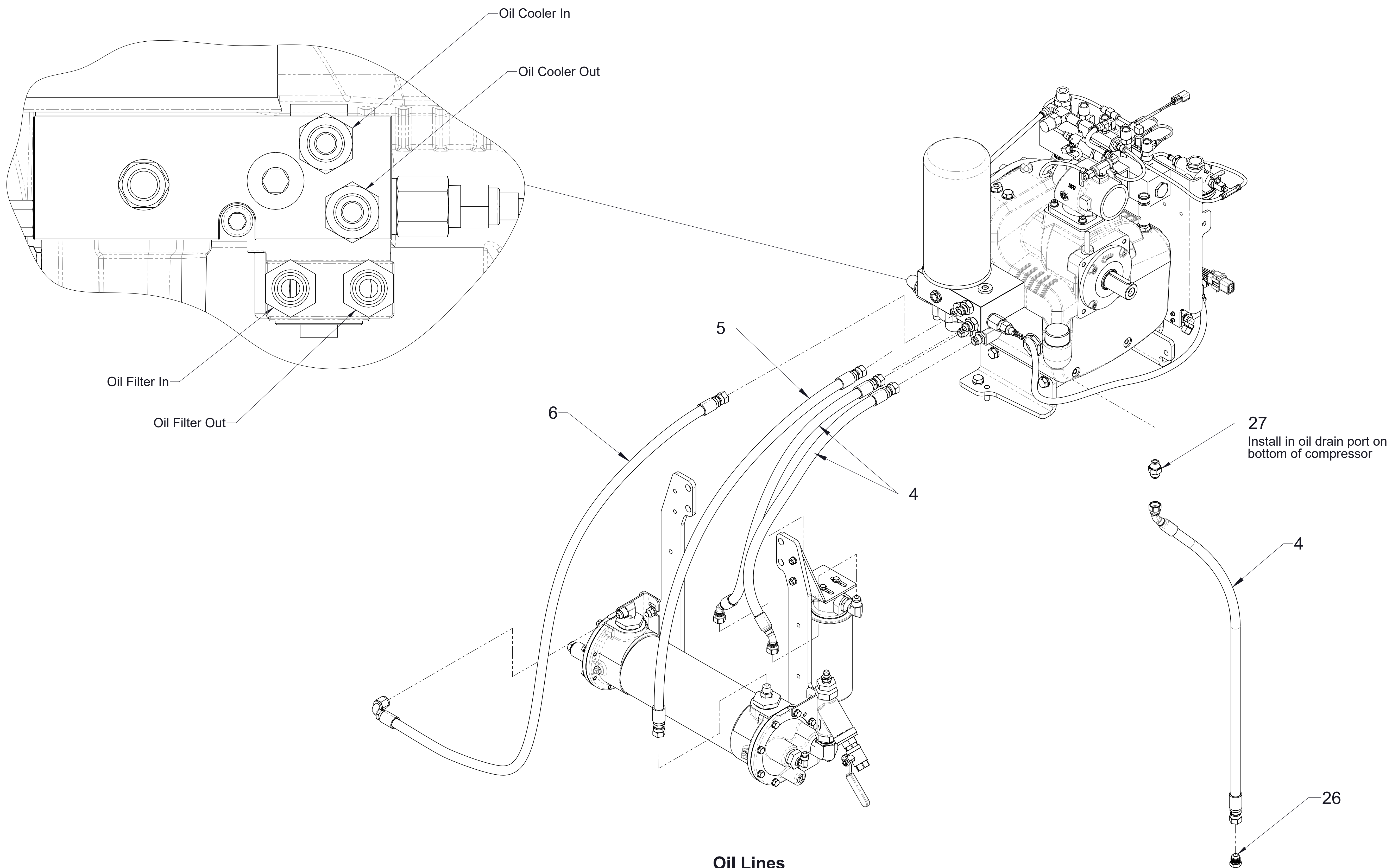
Ref No.	Description
400	Oil Cooler Subassembly
406	Oil Cooler
408	Bushing-Reducing, 1-1/2 MNPT x 1/2 FNPT
410	Strainer Assy, Wye, 1 in
412	Strainer-Wye, 1 in, Screen
413	Strainer-Wye, 1 in Gasket
414	Bushing-Reducing, 1 NPT x 1/2 NPT
415	Valve-Ball, 1/2 MNPT x 1/2 FNPT
416	Adapter-Elbow, 90 1/2 MNPT X 8 MJIC
417	Elbow-90°, 6 MSAE x 1/2 MNPT
418	Adapter-Straight, 8 MJIC x 1/2 MNPT
419	Adapter-90°, 1 MNPT x 1 MNPT
421	Adapter-Straight, 1/2 MNPT x 6 MJIC



**Oil Cooler Components**

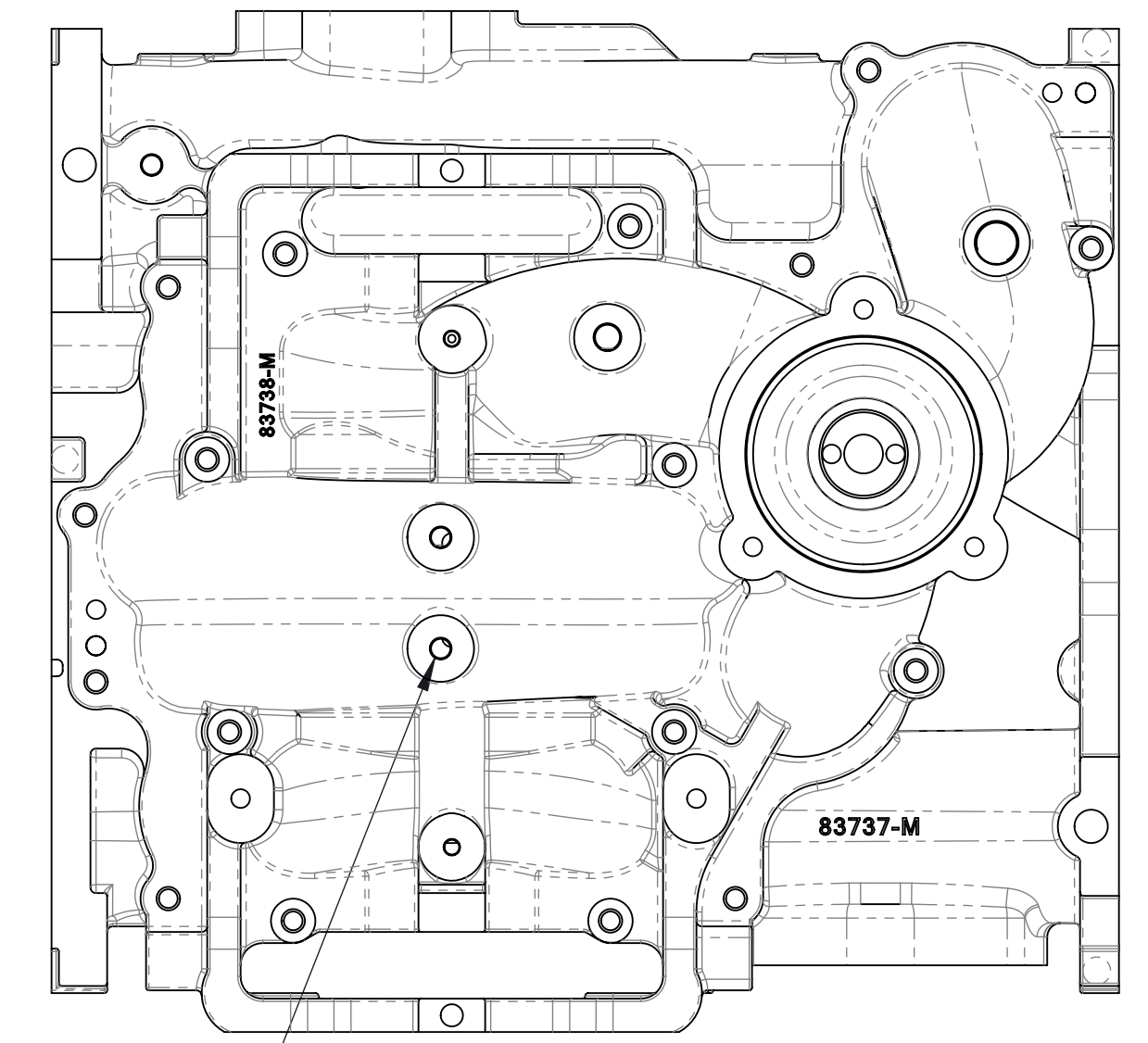
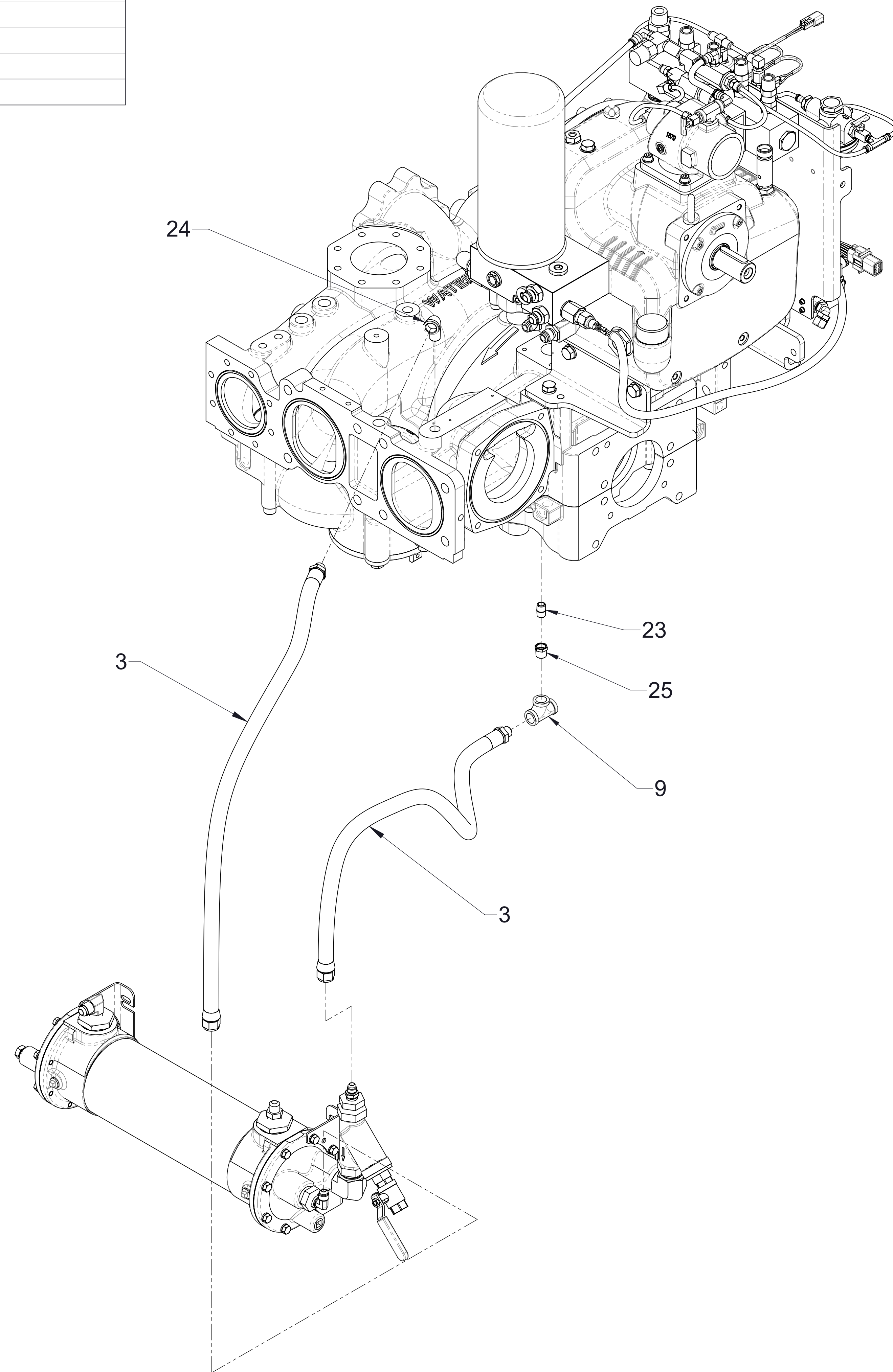
- Notes:
1. Apply Loctite 242 (blue) or equivalent to fastener threads unless noted otherwise.
  2. Apply Loctite 545 (red) or equivalent to all air or hydraulic fitting threads unless noted otherwise.

Ref No.	Description
4	Hose-Hydraulic, 8 JIC x 33 in
5	Hose-Hydraulic, 8 JIC x 38 in
6	Hose-Hydraulic, 8 JIC x 50 in
26	Plug-8 JIC
27	Adapter-Straight, 1/2 JIC x 3/8 BSPP



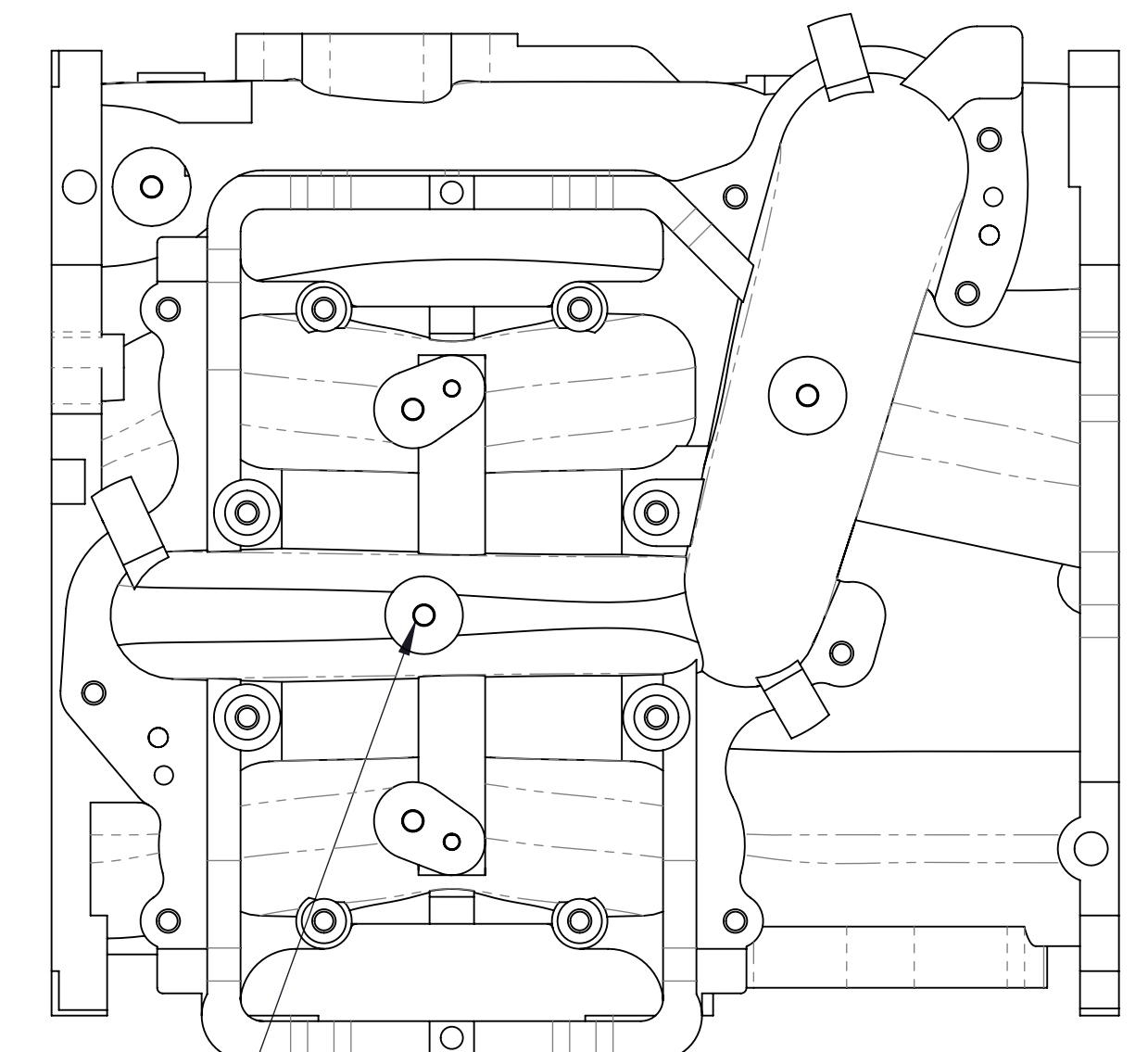
- Notes:
1. Apply Loctite 242 (blue) or equivalent to fastener threads unless noted otherwise.
  2. Apply Loctite 545 (red) or equivalent to all air or hydraulic fitting threads unless noted otherwise.

Ref No.	Description
3	Hose, 6 SAE x 3/8 MNPT x 48 in
9	Tee-Standard, Pipe, 3/8 NPT
23	Nipple-Pipe, 1/4 NPT x 7/8 in
24	Elbow-Street, 90°, 3/8 NPT
25	Bushing-Reducing, Pipe, 3/8 x 1/4 NPT



Install 23 in first stage drain

**CMU**



Install 23 in volute drain

**CS/CSU**

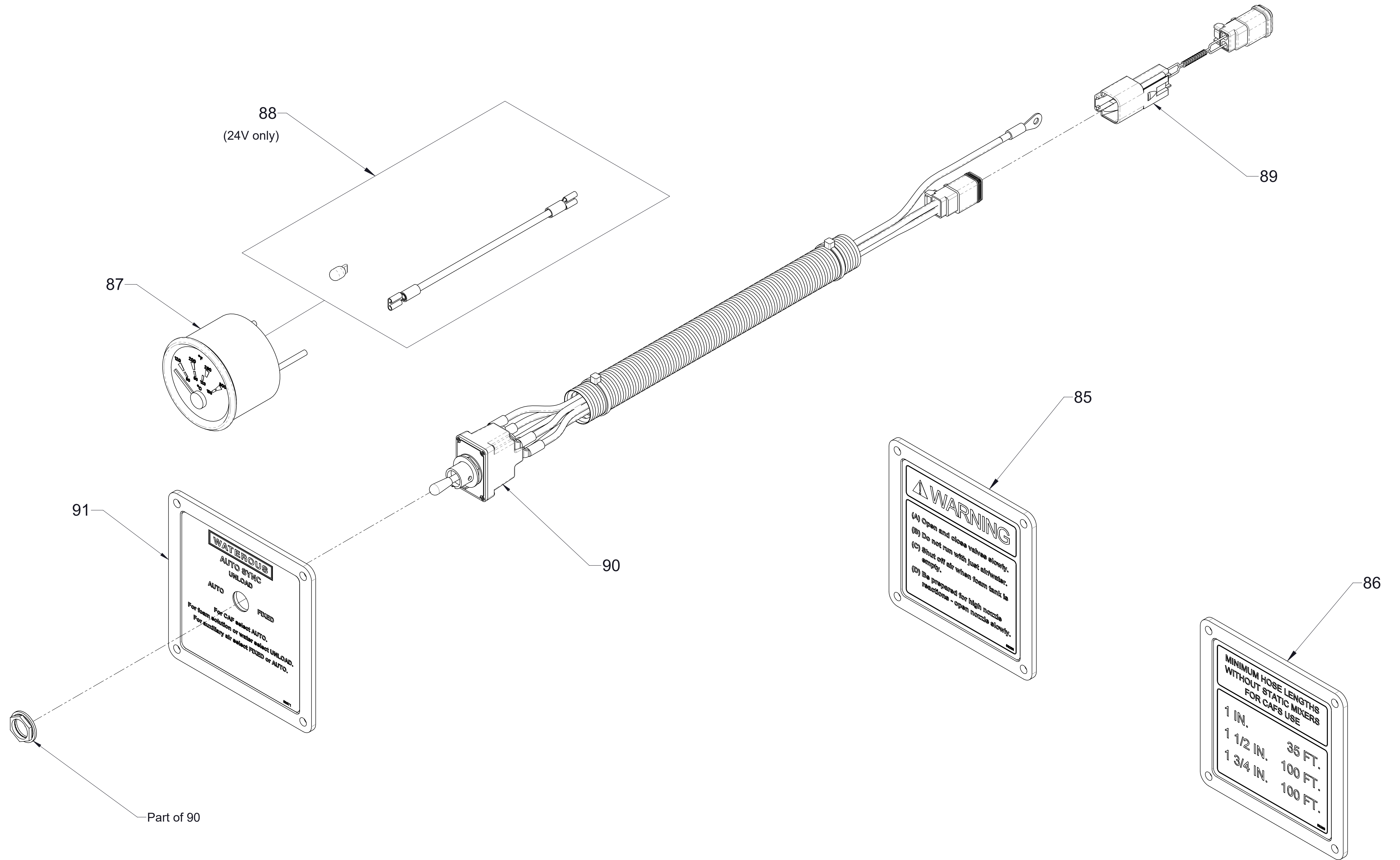
**Notes:**

1. Apply Loctite 242 (blue) or equivalent to fastener threads unless noted otherwise.
2. Apply Loctite 545 (red) or equivalent to all air or hydraulic fitting threads unless noted otherwise.

**Water Lines**  
(CMU Shown)



Ref No.	Description
85	Plate-Panel, Warning, Compressed Air
86	Plate-Panel, Hose Length
87	Gauge-Oil Temp with Dual Scale
88	Kit-Conversion, Oil Temp Gauge
89	Harness-Extension
90	Switch Harness Electric Auto-Sync
91	Plate-Electric Auto-Sync



Panel Components