

**Model: 06-5048-1800  
Fluid Servicing Unit**

08/2016 - Rev. 03

**Includes Illustrated Parts List**

REVISION	DATE	TEXT AFFETED
OR	07/2004	Original Release
01	11/2004	Modified Parts List
02	06/2014	Modified Parts List
03	08/2016	Modified Parts List

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This product can not be modified without the written approval of Tronair, Inc. Any modifications done without written approval voids all warranties and releases Tronair, Inc., its suppliers, distributors, employees, or financial institutions from any liability from consequences that may occur.

## 1.0 GENERAL DESCRIPTION

The Tronair Fluid Service Unit is a compact unit primarily designed to provide a source of clean fluid for filling reservoirs. **It is not intended to perform any pressure testing tasks.**

## 2.0 SPECIFICATIONS

<b>Fluid:</b>	MIL-L-7808, MIL-L-23699
<b>Maximum Pressure:</b>	150 psi (8.6 bar)
<b>Filter:</b>	2 Micron, water removal
<b>Dimensions:</b>	
<b>Length:</b>	71 in (180.34 cm)
<b>Width:</b>	50 in (127 cm)
<b>Height:</b>	37 3/8 in (94 cm)
<b>Weight:</b>	326 lbs (4.6 kg)
<b>Pump Displacement:</b>	7.8 in <sup>3</sup> /stroke

## 3.0 FEATURES

- 25 foot (7.6 m) output hose
- 2 micron main filter with water removal
- Fluid sample valve
- 68 gallon (257.4 lt) fluid reservoir
- Hose compartment
- Pneumatic tires
- Parking brake
- Hand pump
- 2 each, 5 gal recovery tanks

## 4.0 PREPARATION FOR USE



### CAUTION!

**Maximum towing speed is 10 mph (16.1 kph).**

The unit is shipped fully assembled, and only the following steps are required to make it operational:

1. Fill 68 gallon (257.4 lt) fluid tank with desired mineral based hydraulic fluid.
2. Pump one quart (0.95 lt) of fluid prior to use.



### CAUTION!

**Only use the type of fluid for which the unit is designed. Using other fluids will cause contamination and seal deterioration.**

## 5.0 MAINTENANCE

Maintain 45 to 50 psi (3.1 to 3.4 bar) tire pressure and grease wheel bearings quarterly, rear axle  
Maintain 80 to 85 psi (3.1 to 3.4 bar) tire pressure and grease wheel bearings quarterly, front axle

**Filters:** The 2 micron hydraulic fluid filter is non-bypass. This means that, if the filter becomes clogged, no fluid will pass through it to the output hose. If this happens, service the filter. **DO NOT increase the input pressure as damage to components could result.**

**Service:** The main filter is replaceable and should be serviced annually or as necessary based on existing operating environment.

## 6.0 PARTS LIST

Reference the following pages for ordering information of Replacement Parts and Kits.

When ordering Replacement Parts/Kits, please specify Model & Serial Number of your product.

## 7.0 GUARANTEES/LIMITATION OF LIABILITY

Tronair products are warranted to be free of manufacturing or material defects for a period of one year after shipment to the original customer. This is solely limited to the repair or replacement of defective components. This warranty does not cover the following items:

- a) Parts required for normal maintenance
- b) Parts covered by a component manufacturers warranty
- c) Replacement parts have a 90-day warranty from date of shipment

If you have a problem that may require service, contact Tronair immediately. Do not attempt to repair or disassemble a product without first contacting Tronair, any action may affect warranty coverage. When you contact Tronair be prepared to provide the following information:

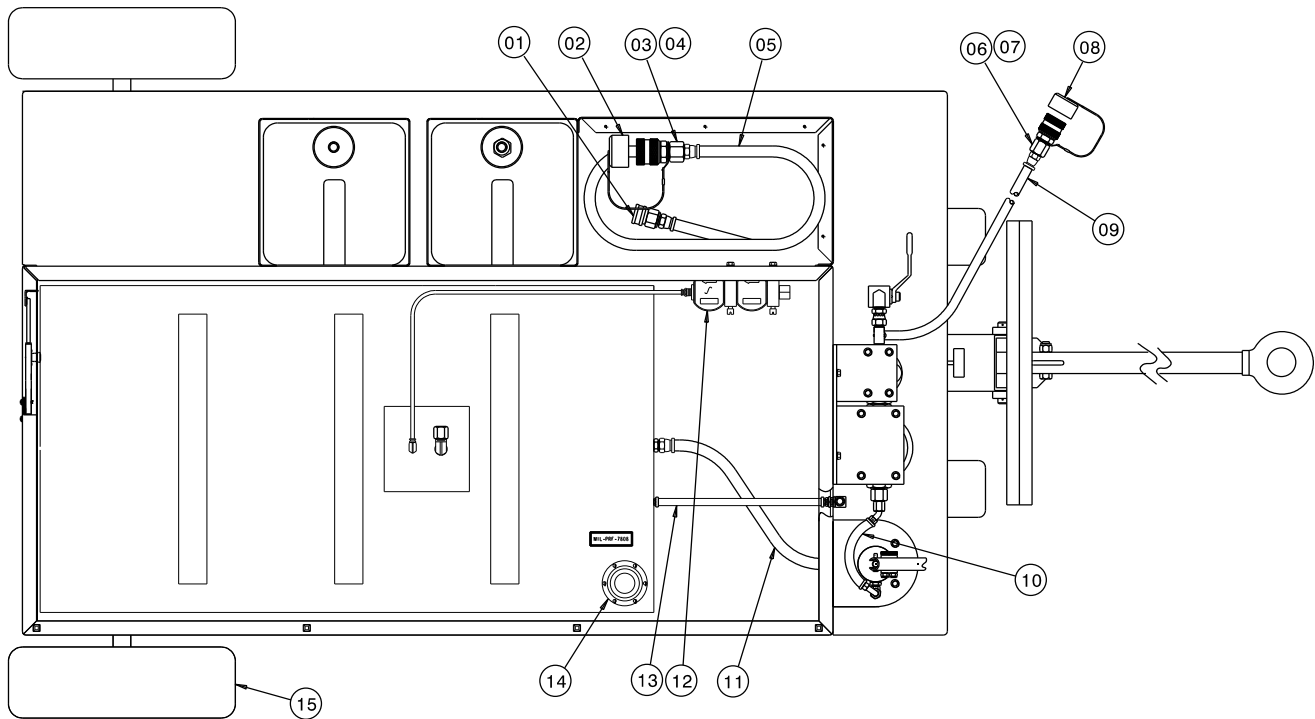
- a) Product Model Number
- b) Product Serial Number
- c) Description of the problem

If warranty coverage is approved, either replacement parts will be sent or the product will have to be returned to Tronair for repairs. If the product is to be returned, a Return Material Authorization (RMA) number will be issued for reference purposes on any shipping documents. Failure to obtain a RMA in advance of returning an item will result in a service fee. A decision on the extent of warranty coverage on returned products is reserved pending inspection at Tronair. Any shipments to Tronair must be shipped freight prepaid. Freight costs on shipments to customers will be paid by Tronair on any warranty claims only. Any unauthorized modification of the Tronair products or use of the Tronair products in violation of cautions and warnings in any manual (including updates) or safety bulletins published or delivered by Tronair will immediately void any warranty, express or implied.

The obligations of Tronair expressly stated herein are in lieu of all other warranties or conditions expressed or implied. **Any unauthorized modification of the Tronair products or use of the Tronair products in violations of cautions and warnings in any manual (including updates) or safety bulletins published or delivered by Tronair will immediately void any warranty, express or implied and Tronair disclaims any and all liability for injury (WITHOUT LIMITATION and including DEATH), loss or damage arising from or relating to such misuse.**

## Parts List

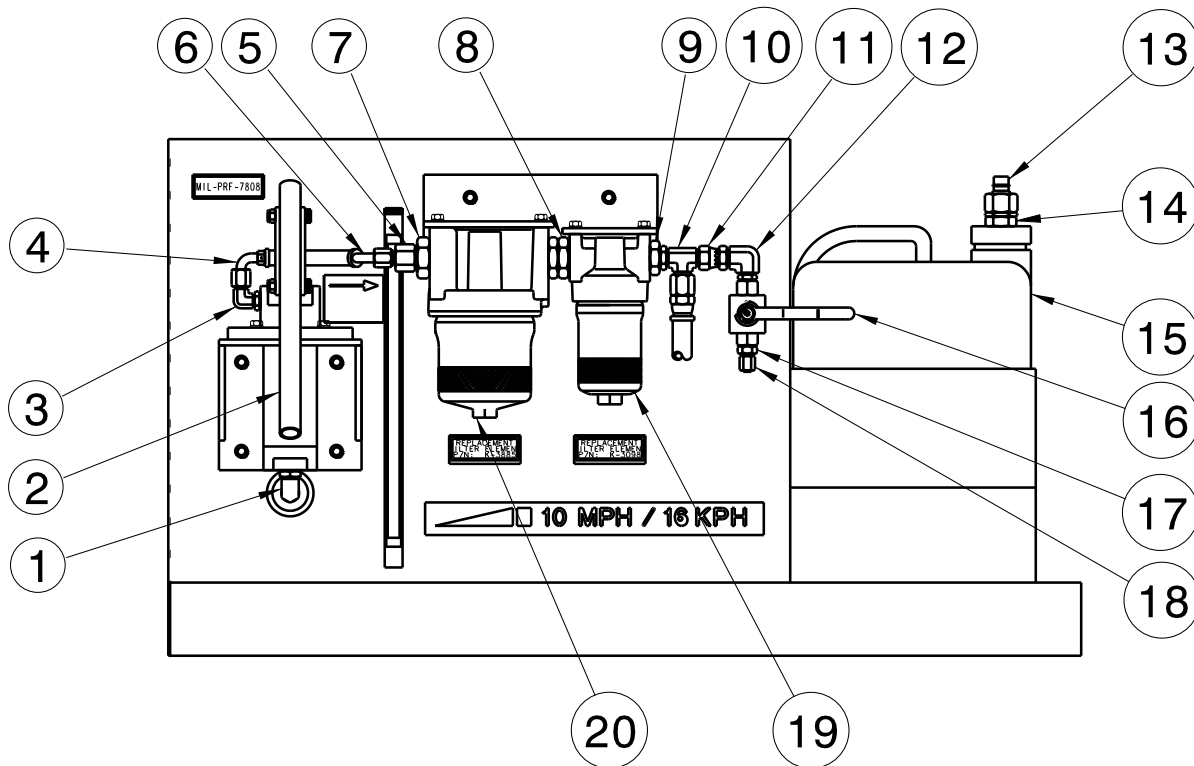
When ordering Replacement Parts/Kits, please specify Model, Color & Serial Number of your unit.



Item	Part Number	Description	Qty
1	N-2539-0808	Quick Disconnect	1
2	N-2745-02	Quick Disconnect	1
3	N-2020-09-S	Reducer, Tube	1
4	N-2000-08-S	Nut, 37 Degree	1
5	TF-1105-08	Hose, Push –Lok	72
6	N-2020-05-S	Reducer, Tube	1
7	N-2000-01-S	Nut, 37 Degree	1
8	N-2745-01	Quick Disconnect	1
9	TF-1105-06	Hose, Push – Lok	180
10	TF-1105-06	Hose, Push – Lok	8
11	TF-1105-08	Hose, Push – Lok	24
12	Z-2839	Assembly, Desiccant Filter	1
13	TF-1105-04	Hose, Push – Lok	14
14	HC-1030-01	Filter, Non-Vented	1
15	U-1010	Assembly, Tire/Wheel	2

## Parts List

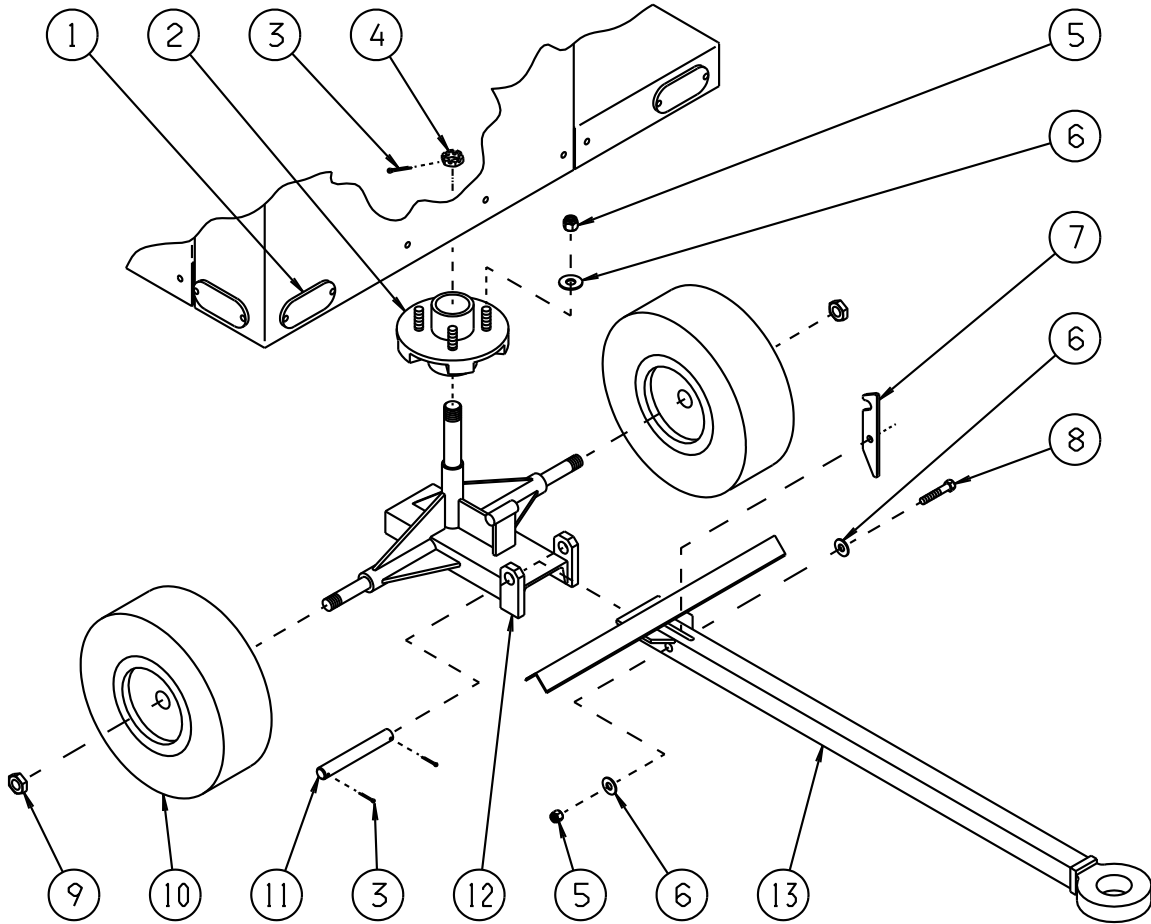
When ordering Replacement Parts/Kits, please specify Model, Color & Serial Number of your unit.



Item	Part Number	Description	Qty
1	N-2001-11-S-V	Elbow, STR THD	1
2	HC-2252	Pump, Hand	1
3	N-2001-08-S-V	Elbow, STR THD	1
4	N-2069-03-S	Elbow, Swivel	1
5	N-2055-04-S	Reducer, Tube	2
6	N-2747-06-S	Elbow, 45° Short Drop	1
7	N-2007-35-S-V	Connector, STR THD	1
8	N-2464-14-S-V	Union, STR THD	1
9	N-2463-10-S-V	Fitting, Reducer/Expander	1
10	N-2015-11-S-V	Tee, Run, STR THD	1
11	N-2036-04-S-V	Swivel, 37°	1
12	N-2661-02-S-V	Elbow, STR THD	1
13	N-2582-0808	Nipple, Quick Disconnect	1
14	N-2210-13-S	Reducer, Pipe	1
15	HC-2734	Container, 5 gal, Modified	1
16	HC-2206-02	Valve, Ball	1
17	N-2007-05-S-V	Connector, STR THD	1
18	N-2008-03-S	Cap	1
19	HC-2274	Filter, Water Removal	1
	<b>K-3885</b>	<b>Kit, Filter Element; consists of:</b>	
20	HC-1826	Filter Assembly	1
	<b>K-3098</b>	<b>Kit, Filter Element</b>	

**Towing Components**

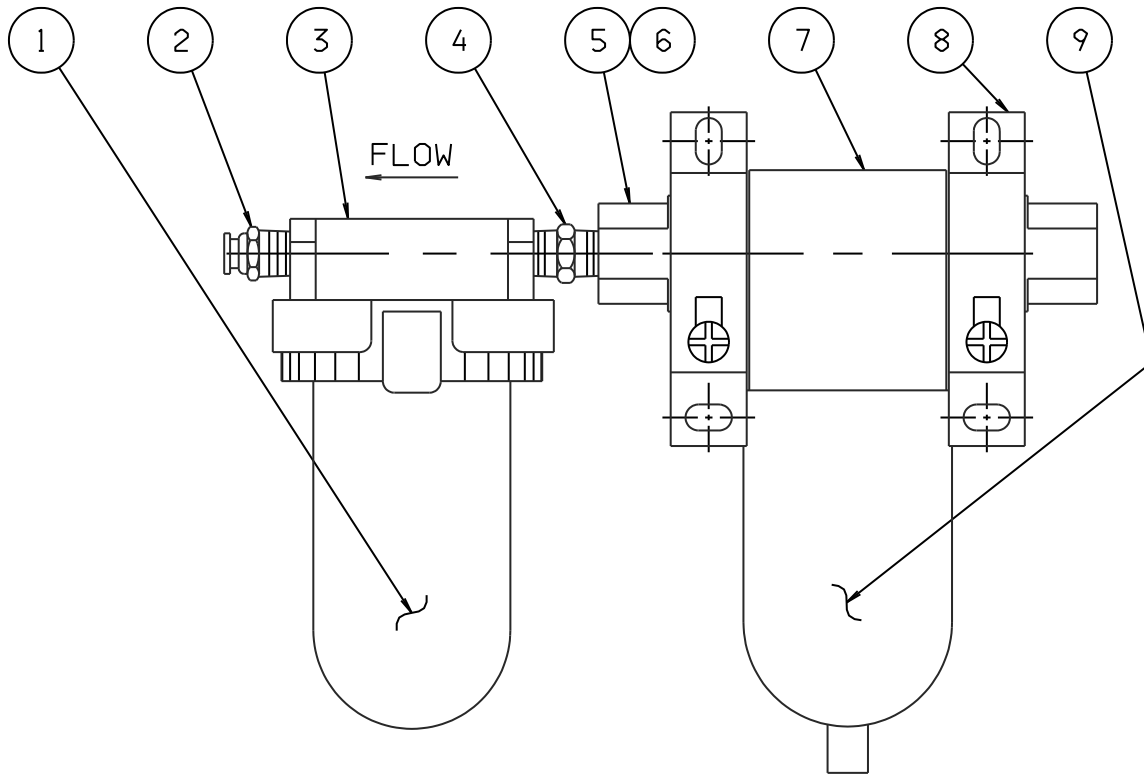
When ordering Replacement Parts/Kits, please specify Model, Color & Serial Number of your unit.



Item	Part Number	Description	Qty
1	H-1427-02	Reflector, Amber	1
2	H-1335	Hub, Idler	1
3	G-1301-03	Pin, 1/8 x 1 1/2" long, Cotter	1
4	G-1230-01	Nut, Axle (1"-14 UNS Thread)	1
5	G-1202-1095	Stopnut, 1/2-20 Elastic	4
6	G-1250-1090N	Flatwasher, 1/2 Narrow	4
7	J-1626	Lever	1
8	G-1100-109522	Bolt, Hex Head, Grade 5, 1/2-20 x 2 1/4" long	1
9	G-1203-1115	Stopnut, 3/4-16 Elastic	1
10	U-1041	Wheel, Pneumatic	1
11	R-1122	Pin	1
12	Z-2449-02	Weldment, Steering Axle	1
13	Z-2451-02	Weldment, Tongue	1
N/S	H-1427-01	Reflector, Red	1
N/S	G-1352-17	Rivet	2 required per Reflector

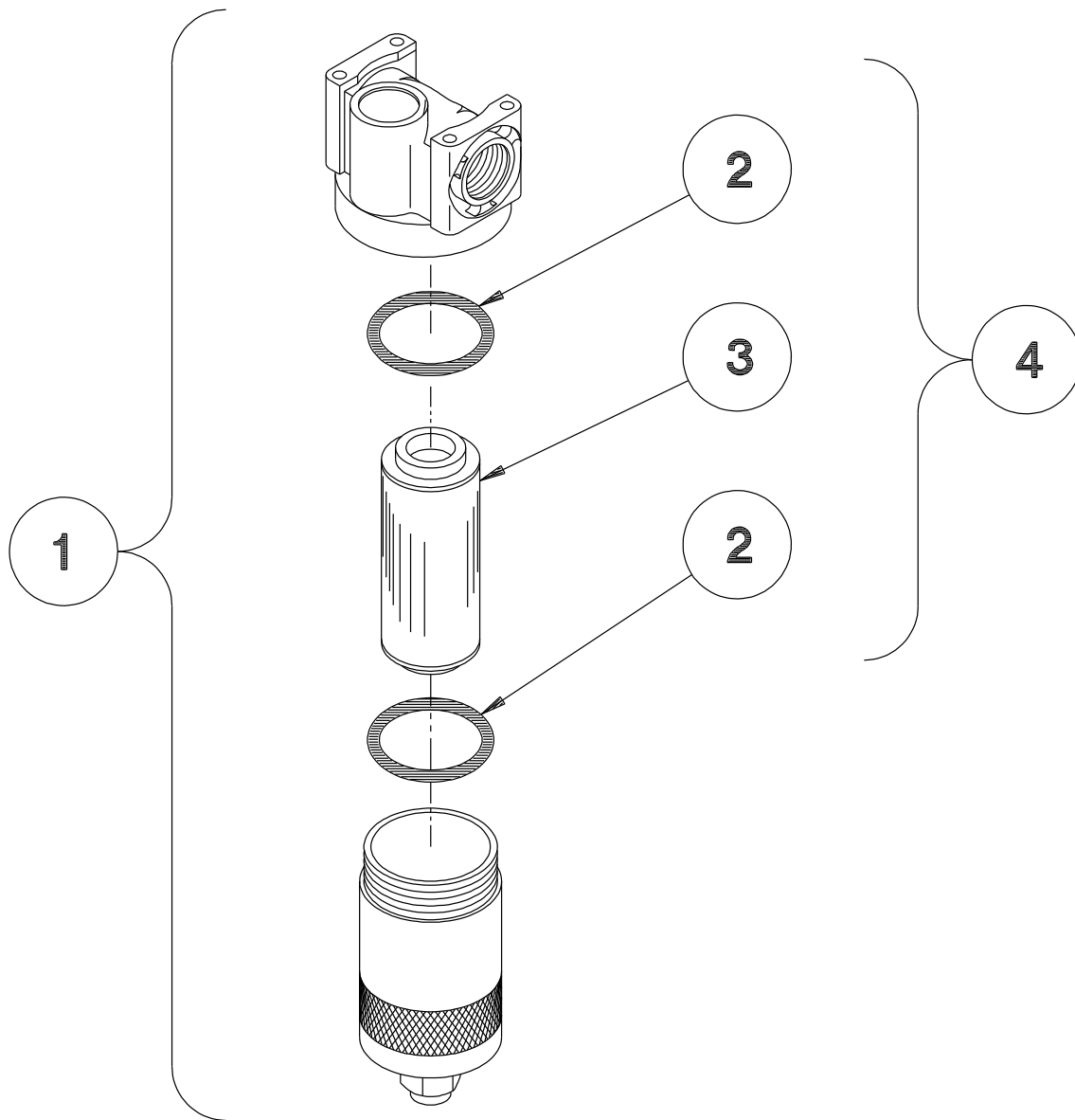


**Z-2839 - Desiccant Filter Assembly**



Item	Part Number	Description	Qty
1	PC-1056	Desiccant, (3) ¼ lb bags	Ref.
2	N-2443-07	Connector, Male	1
3	PC-1053	Dryer, Desiccant	1
4	N-2203-04-B	Nipple, Pipe	Ref.
5	PC-1055	Block, End (Set of 2)	1
6	HC-2007-021	O-ring, Viton	2
7	PC-1052	Filter, Air	1
8	PC-1054	Bracket, Mount	2
9	PC-1059	Element, Filter	Ref.

**Filter Assembly**

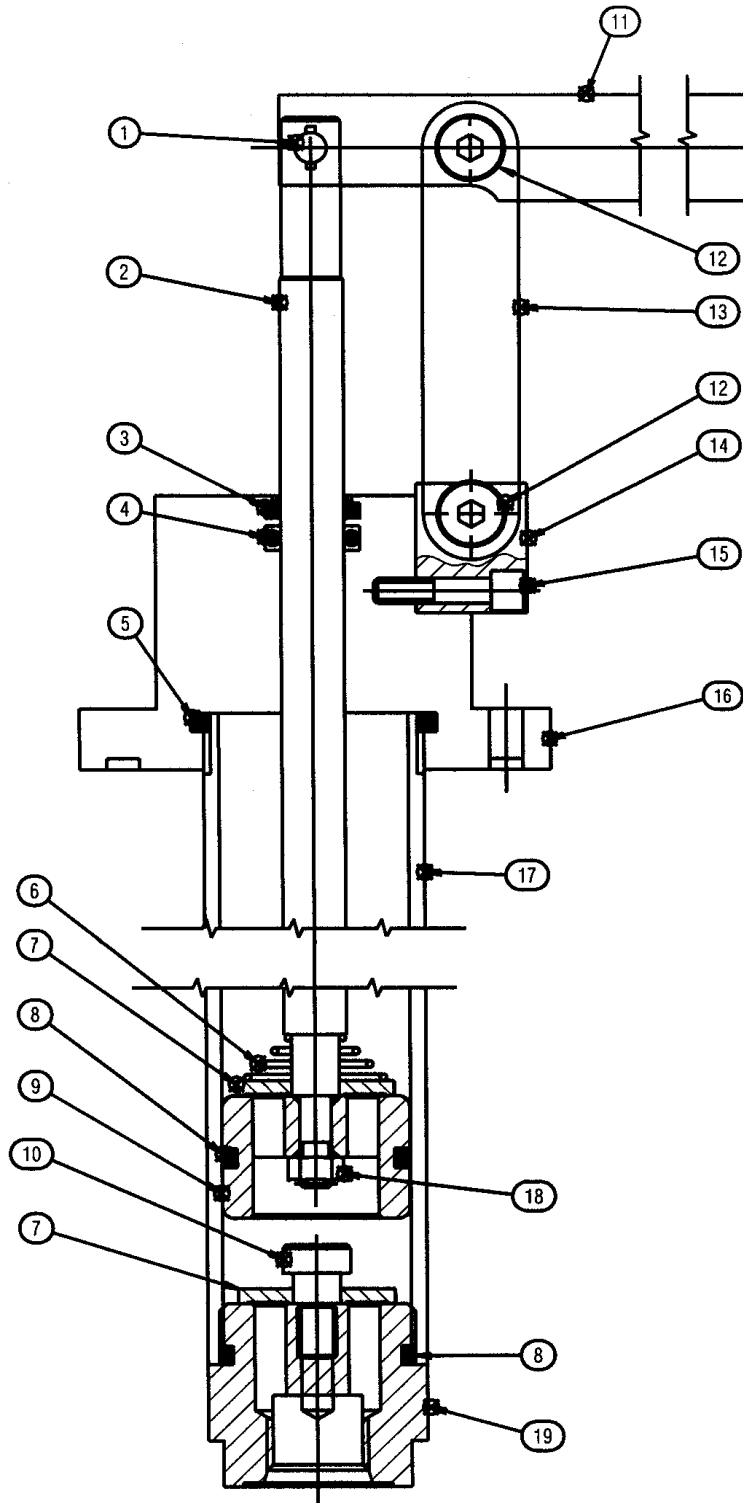


Item	Fluid	Part Number	Description	Qty
1	MIL-L-23699/MIL-PRF-87257	HC-1826	Assembly, Filter	1
2	ALL Mineral Base	HC-2007-142	O-Ring, Series 2 (VITON)	2
3	ALL Mineral Base	HC-1482	Element, Filter	1
4	ALL Mineral Base	K-3098	Kit, Filter Element	1

◆ **Item 4 consists of Items 2 and 3.**

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**HC-2252 Hand Pump Section View**  
(MIL-L-23699, MIL-PRF-87257)



### Parts List

When ordering Replacement Parts/Kits, please specify Model & Serial Number of your product.

Item	Part Number	Description	Qty
2	CXD-020046-004	Piston Rod	1
6	CENT-TA-2098	Spring	1
7	CXD-020004-006	Flapper	2
9	CDX-020004-05	Piston	1
10	09-AHDF-06-18 x 04	Shoulder Screw	1
14	CXD-020004-009	Mounting Block	1
15	09-ADDF-OJ-32 x 14	Socket Head Cap Screw	1
16	CXD-020046-002	Cap & Mounting Flange	1
17	CXD-020046-003	Tube	1
18	08-ADFH-04-28	Prevailing Locknut	1
19	CXD-020046-001	End Cap, Blind End	1
	<b>HK-3717</b>	<b>Kit, Handle Replacement; consists of:</b>	
1		Pin Linkage Assembly	1
11		Pump Handle	1
12		Pin Linkage Assembly	2
13		Strap	2
	<b>K-3834</b>	<b>Kit, Pump Seal Replacement; consists of:</b>	
3		Wiper, VITON	1
4		O-ring, VITON	1
5		O-ring, VITON	1
8		O-ring, VITON	2