

## 07-3014-9900 Fuel Leak Tester

For Spare Parts, Operations & Service Manuals or Service Needs  
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REVISION	DATE	TEXT AFFECTED
01	04/2012	Original release
02	03/2023	Major revision

**TABLE OF CONTENTS**

	<b><u>PAGE</u></b>
<b>1.0 PRODUCT INFORMATION .....</b>	<b>1</b>
1.1 DESCRIPTION.....	1
1.2 MODEL & SERIAL NUMBER.....	1
1.3 MANUFACTURER .....	1
<b>2.0 SAFETY INFORMATION.....</b>	<b>1</b>
2.1 USAGE AND SAFETY INFORMATION .....	1
<b>3.0 TRAINING .....</b>	<b>1</b>
3.1 TRAINING REQUIREMENTS .....	1
3.2 TRAINING PROGRAM .....	1
3.3 OPERATOR TRAINING .....	1
<b>4.0 OPERATION.....</b>	<b>1</b>
4.1 HOSE CONNECTIONS .....	1
4.2 UNIT OPERATION.....	1
<b>5.0 PROVISION OF SPARES.....</b>	<b>2</b>
5.1 SOURCE OF SPARE PARTS.....	2
5.2 RECOMMENDED SPARE PARTS LISTS .....	2
<b>6.0 IN SERVICE SUPPORT .....</b>	<b>2</b>
<b>7.0 GUARANTEES/LIMITATION OF LIABILITY .....</b>	<b>2</b>

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. Only Tronair OEM replacement parts shall be used.

## 1.0 PRODUCT INFORMATION

### 1.1 DESCRIPTION

Fuel Leak Tester

### 1.2 MODEL & SERIAL NUMBER

Reference nameplate on unit

### 1.3 MANUFACTURER

**TRONAIR**, Inc.  
1 Air Cargo Pkwy East  
Swanton, Ohio 43558 USA

Telephone: (419) 866-6301 or 800-426-6301  
Fax: (419) 867-0634  
E-mail: sales@tronair.com  
Website: www.tronair.com

## 2.0 SAFETY INFORMATION

### 2.1 USAGE AND SAFETY INFORMATION

To insure safe operations please read the following statements and understand their meaning. Also refer to your equipment manufacturer's manual for other important safety information. This manual contains safety precautions which are explained below. Please read carefully.



#### **WARNING!**

Warning is used to indicate the presence of a hazard that can cause **severe personal injury, death, and/or substantial property damage** if the Warning Notice is ignored.



#### **CAUTION!**

Caution is used to indicate the presence of a hazard, which will or can cause **minor personal injury or property damage** if the Caution Notice is ignored.

## 3.0 TRAINING

### 3.1 TRAINING REQUIREMENTS

The employer of the operator is responsible for providing a training program sufficient for the safe operation of the unit.

### 3.2 TRAINING PROGRAM

The employer provided operator training program should cover safety procedures concerning use of the unit in and around the intended aircraft at the intended aircraft servicing location.

### 3.3 OPERATOR TRAINING

The operator training should provide the required training for safe operation of the unit.

**NOTE: Maintenance and Trouble Shooting are to be performed by a skilled and trained technician.**

## 4.0 OPERATION

### 4.1 HOSE CONNECTIONS

1. Connect first hose from shop air/bottle outlet port on test box to elbow on cap adapter (Z-7835)
2. Connect second hose from manometric pressure port on test box to relief valve T fitting on cap adapter (Z-7835)

### 4.2 UNIT OPERATION

1. Ensure regulator is set to minimum and selector valve is in Close position
2. Connect supply hose to either Shop Air or Bottle In
3. Select corresponding setting on selector valve (Shop Air or Bottle In)
4. Increase regulator to desired test setting
5. When ready to pressurize place selector valve to Pressure
6. Check for leaks
7. When test is complete set regulator to minimum setting
8. Place selector valve to Escape
9. Move selector valve to Close
10. Disconnect hoses

**5.0 PROVISION OF SPARES****5.1 SOURCE OF SPARE PARTS**

Spare parts may be obtained from the manufacturer:

**TRONAIR**, Inc.

1 Air Cargo Pkwy East  
Swanton, Ohio 43558 USA

Telephone: (419) 866-6301 or 800-426-6301

Fax: (419) 867-0634

E-mail: sales@tronair.com

Website: www.tronair.com

For Spare Parts, Operations & Service Manuals or Service Needs:  
Scan the QR code or visit Tronair.com/aftermarket

**5.2 RECOMMENDED SPARE PARTS LISTS**

Reference the following page(s) for Replacement Parts and Kits available.

**6.0 IN SERVICE SUPPORT**

Contact Tronair, Inc. for technical services and information. See Section 1.3 – Manufacturer.

**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

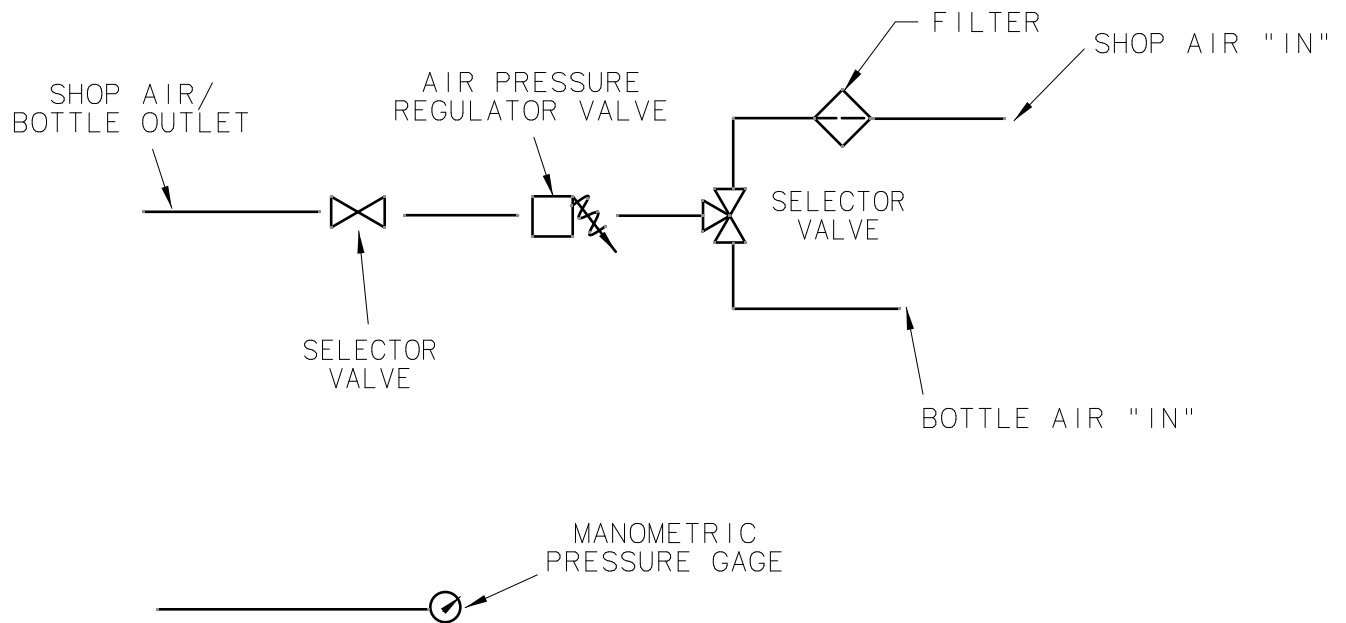
If you have a problem that may require service, contact Tronair immediately. Do not attempt to repair or disassemble a product without first contacting Tronair, any action may affect warranty coverage. When you contact Tronair be prepared to provide the following information:

- 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.

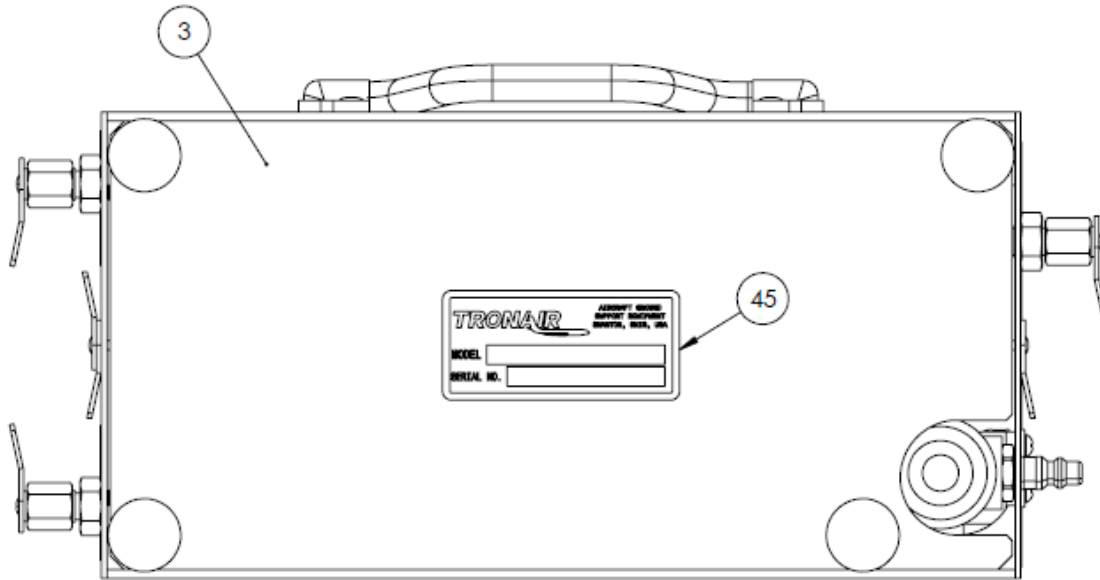
The obligations of Tronair expressly stated herein are in lieu of all other warranties or conditions expressed or implied. **Any unauthorized modification of the Tronair products or use of the Tronair products in violations of cautions and warnings in any manual (including updates) or safety bulletins 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.**

**Schematic**



**Parts List**

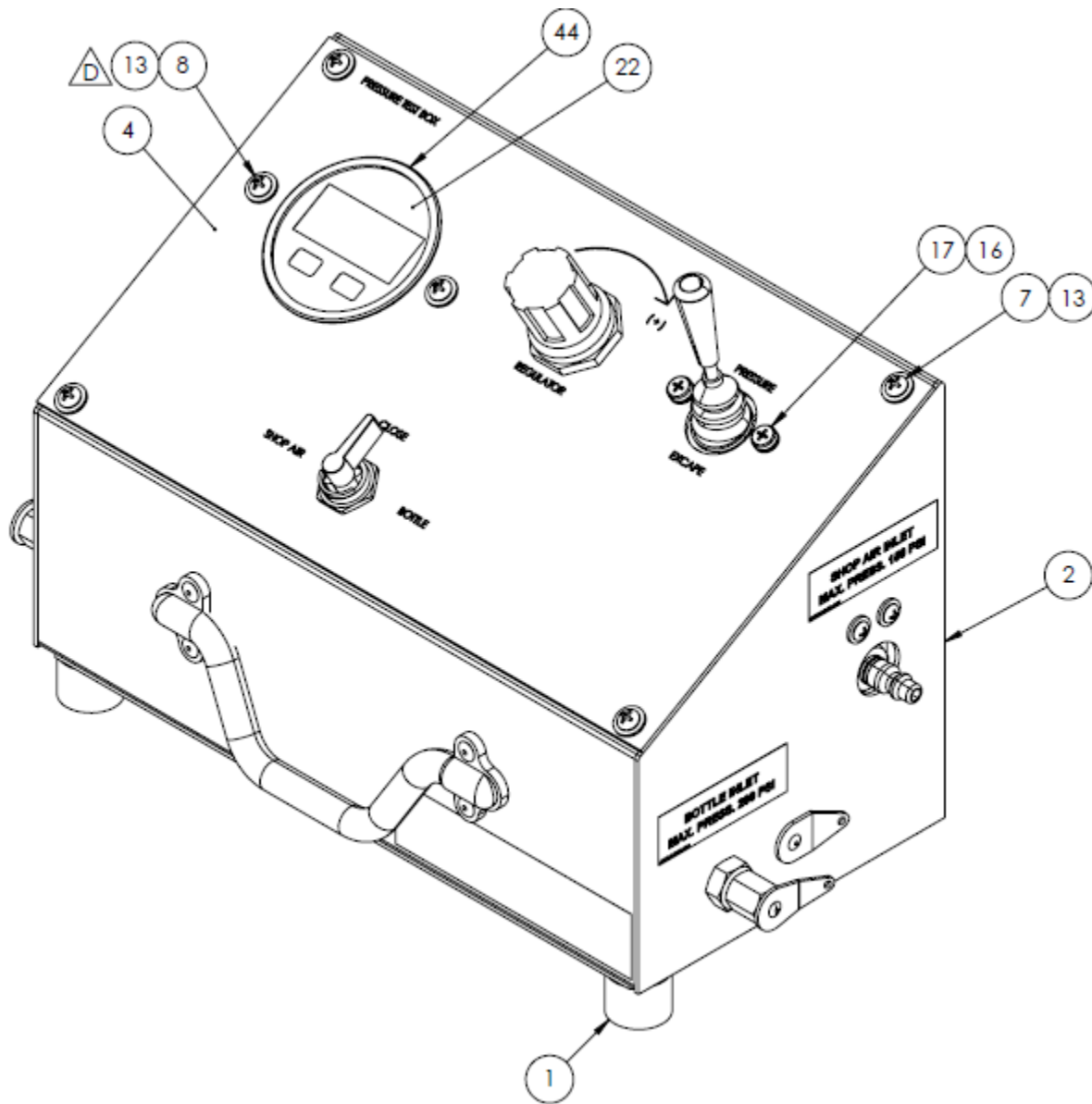
When ordering Replacement Parts/Kits, please specify Model, Color and Serial Number of your Unit



Item	Part Number	Description	Qty
3	AGE-04997-401	COVER, INSPECTION	1
45	V-1003	LABEL, SERIAL NUMBER	1

## Parts List

When ordering Replacement Parts/Kits, please specify Model, Color and Serial Number of your Unit

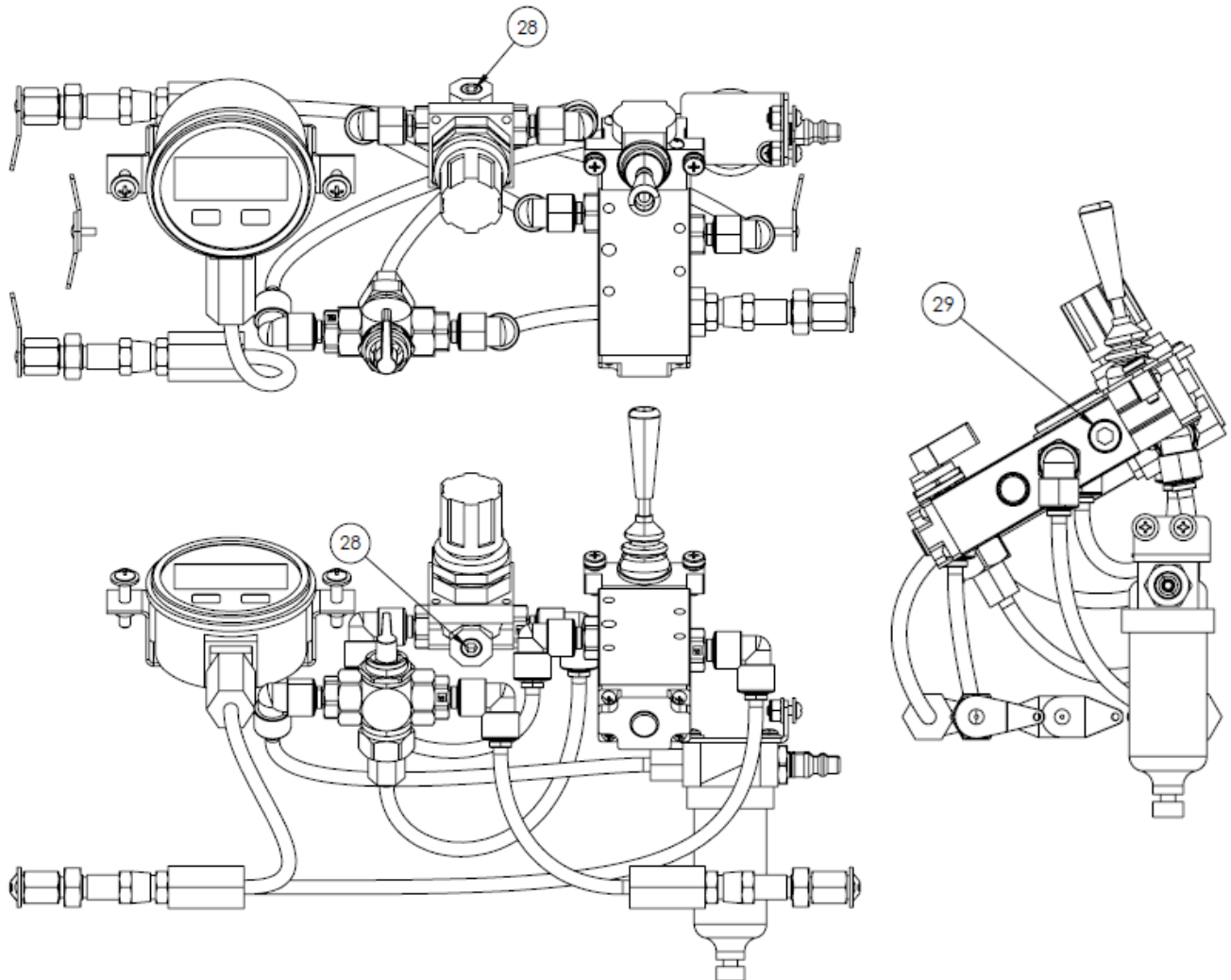


Item	Part Number	Description	Qty
1	AGE-05007-001	FOOT SUPPORT	4
2	AGE-04899-401	BOX, TEST	1
4	AGE-04999-401	COVER, BOX	1
7	G-1159-103505	SCREW, #10 – 32 RD HD CRS REC	4
8	G-1159-103510	SCREW, #10 – 32 RD HD CRS REC	2
13	G-1250-1030N	FLATWASHER, #10 NARROW	8
16	G-1515-M50	FLATWASHER, M5	2
17	G-1546-050016	SCREW, M5 X 0.8, 16MM LG	2
22	H-3482	MANOMETER, 0-344 MBAR	1
44	TR-2810-00	FLANGE MOUNT, GAUGE	1



## Parts List

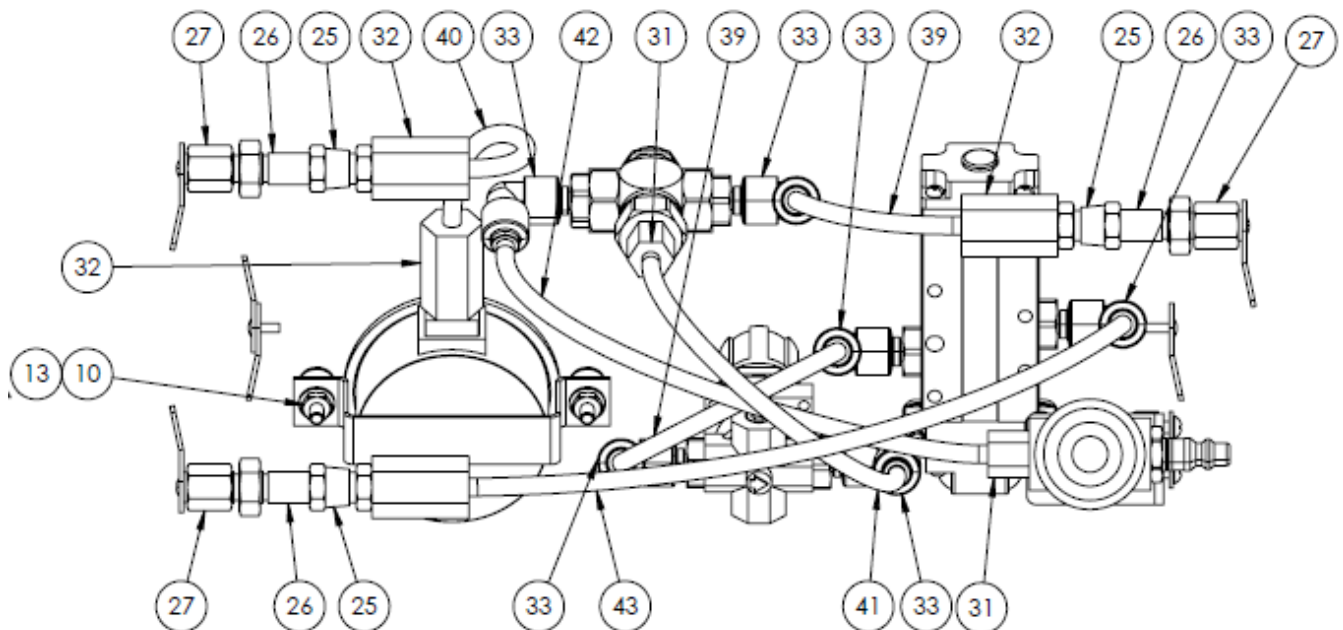
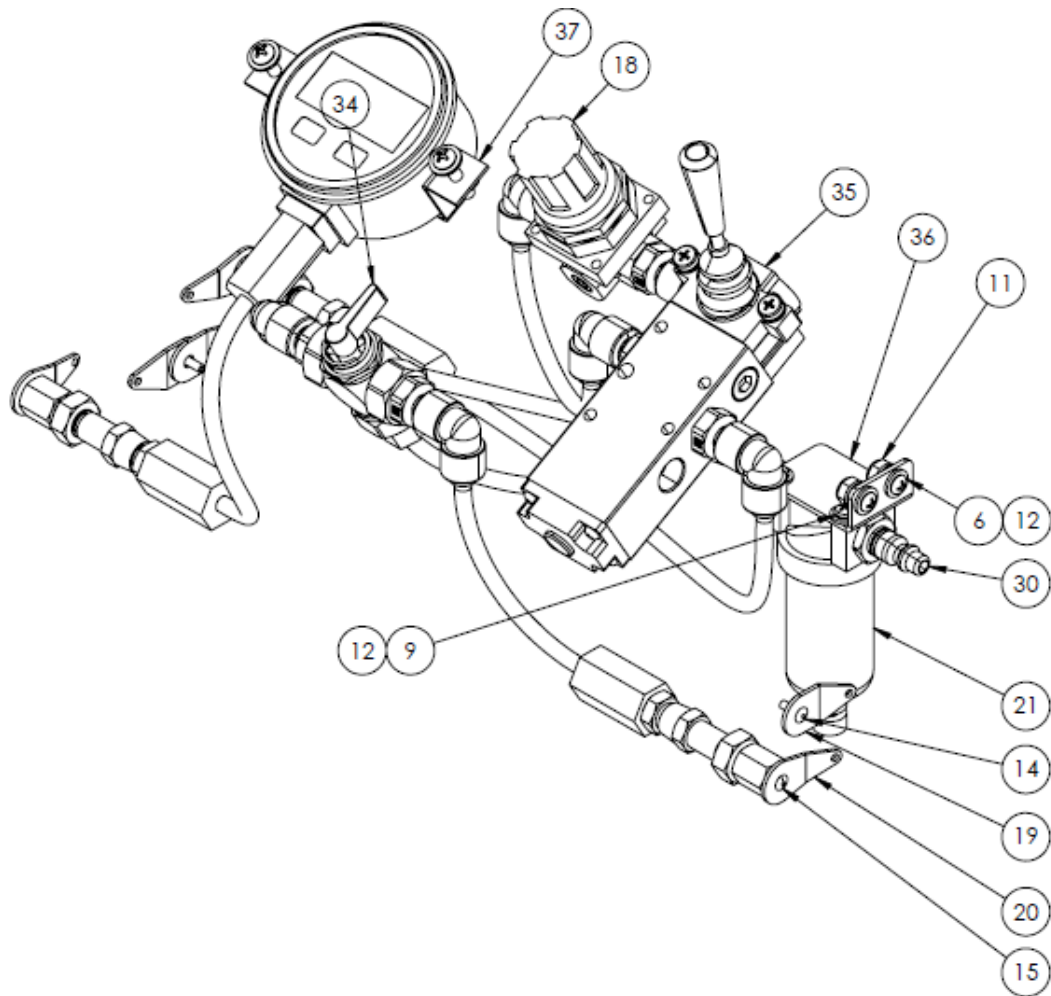
When ordering Replacement Parts/Kits, please specify Model, Color and Serial Number of your Unit



Item	Part Number	Description	Qty
28	N-2205-02-S	PLUG, HOLLOW HEX	2
29	N-2205-03-B	PLUG, HOLLOW HEX	1

## Parts List

When ordering Replacement Parts/Kits, please specify Model, Color and Serial Number of your Unit



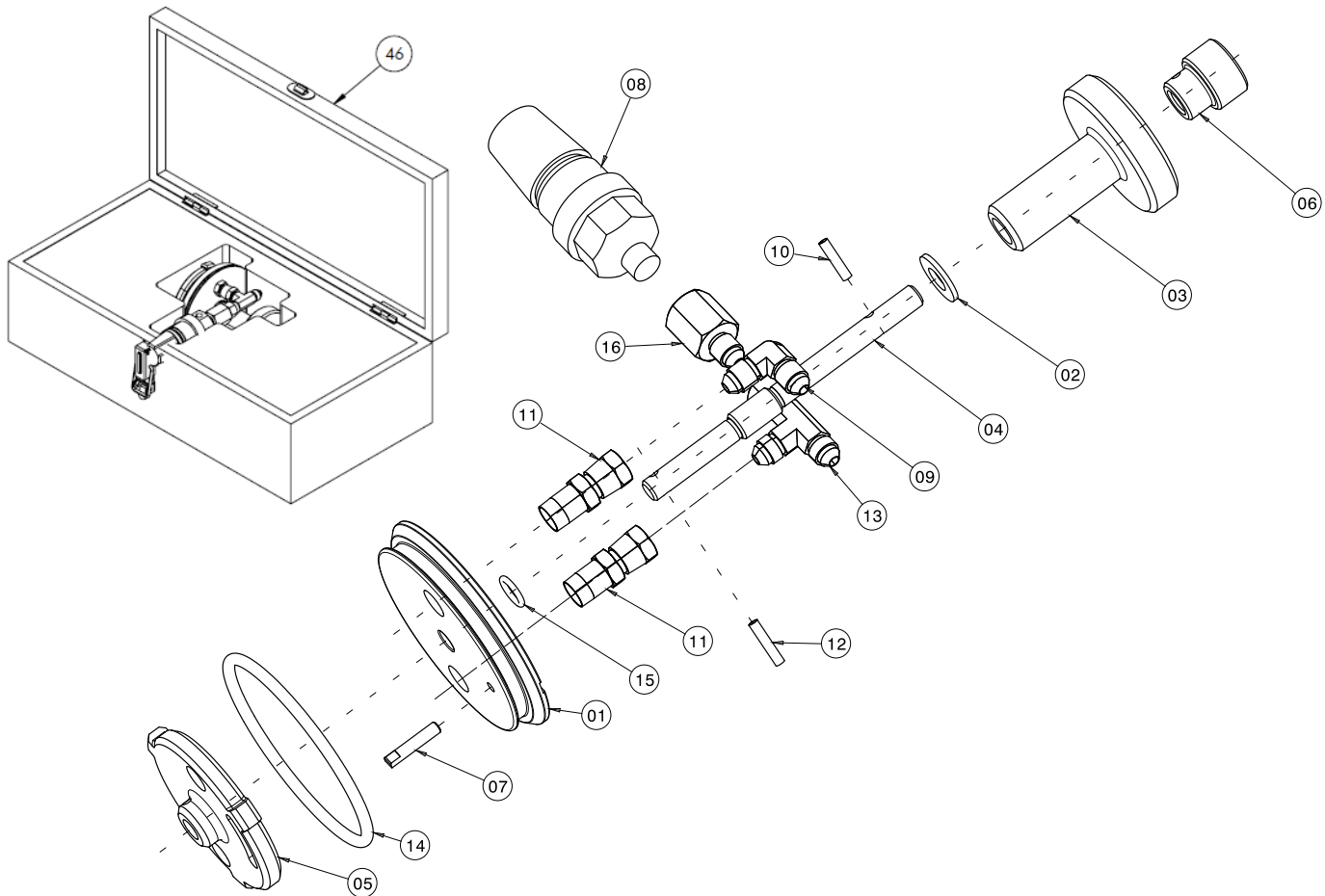
### Parts List

When ordering Replacement Parts/Kits, please specify Model, Color and Serial Number of your Unit

Item	Part Number	Description	Qty
6	G-1159-102004	#8-32 ROUND HD CROSS RECESS, ½ LG	2
7	G-1159-103505	SCREW, #10 – 32 RD HD CRS REC	4
8	G-1159-103510	SCREW, #10 – 32 RD HD CRS REC	2
9	G-1179-102004	#8-32 SELF TAPPING PAN HD SCREW, ½ LG	2
10	G-1200-1035	NUT, #10-32 HEX	2
11	G-1202-1020	ESN, #8-32	2
12	G-1250-1020N	FLATWASHER, #8 NARROW	6
13	G-1250-1030N	FLATWASHER, #10 NARROW	8
14	G-1351-04	RIVET	2
15	G-1351-06	RIVET, 1/8 X .375	3
16	G-1515-M50	FLATWASHER, M5	2
17	G-1546-050016	SCREW, M5 X 0.8, 16MM LG	2
18	H-1397	REGULATOR	1
19	H-1424*07.0	LANYARD	3
20	H-1665	TAB, LANYARD	3
21	H-1775	FILTER, AIR	1
24	N-2026-01-S	SWIVEL, JIC 37°	4
25	N-2030-01-S	SWIVEL, #4 JIC X 1/4 NPT	3
26	N-2061-01	BULKHEAD UNION W/NUT	3
27	N-2073-03	CAP, MODIFIED	3
30	N-2589-02	PLUG, MALE THREAD	1
31	N-2774-02	CONNECTOR, MALE	2
32	N-2776-02	CONNECTOR, FEMALE	4
33	N-2777-02	SWIVEL, MALE 90° ELBOW	6
34	PC-1072	VALVE	1
35	PC-1134	PNEUMATIC LEVER	1
36	S-2298-00	BRACKET, FILTER	1
37	S-4443-00	BRACKET MOUNT, GAUGE	1
38	TF-1047-01*180	HOSE, ¼ GRAY	2
39	TF-1153-007.00	TUBING, PTFE 1/4	2
40	TF-1153-008.00	TUBING, PTFE 1/4	1
41	TF-1153-010.00	TUBING, PTFE 1/4	1
42	TF-1153-011.00	TUBING, PTFE 1/4	1
43	TF-1153-014.00	TUBING, PTFE 1/4	1
44	TR-2810-00	FLANGE MOUNT, GAUGE	1
46	Z-7835	CAP, ADAPTER FUEL LEAKAGE TEST	1

## Z-7835 Parts List

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



Item	Part Number	Description	Qty
1	AGE-04541-003	COVER, ALUMINUM	1
2	AGE-04547-001	WASHER, TEFLON	1
3	AGE-04544-001	KNOB, STEEL	1
4	AGE-04543-001	SHAFT, STEEL	1
5	AGE-04542-001	LOCK, ALUMINUM	1
6	AGE-04545-001	KNOB, STEEL	1
7	AGE-04546-001	PIN, STEEL	1
8	H-3506	MINIATURE RELIEF VALVE, 3.5 PSI	1
9	N-2830-04-SS	ELBOW, UNION 37° FLARE/37° FLARE	1
10	G-1563-040P18	PIN, 4 X 18 METRIC ROLL	1
11	N-2030-01-SS	SWIVEL, #4 JIC X ¼ NPT	2
12	G-1563-040P20	PIN, 4 X 20 METRIC ROLL	1
13	N-2013-03-SS	TEE, FEMALE RUN	1
14	HC-2000-340	O-RING, SERIES 2	1
15	HC-2000-110	O-RING, SERIES 2	1
16	N-2010-04-SS	CONNECTOR, FEMALE	1
46	AGE-04509-401	ASSEMBLY, BOX	1