

K-4074 - Landing Gear (3.5 inch) Assembly Kit

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 DESCRIPTION

K-4074 Landing Gear Assembly Kit incorporates the following features:

- Adjustable location on towbar
- Pneumatic tires
- Hydraulic system

2.0 USAGE

The K-4074 Landing Gear Assembly Kit is used in conjunction with the following applications:

01-1155-0000	01-1202-0000-B6	01-1202-0000-C6	01A1202-0000
01-1202-0000	01-1202-0000-C2	01-1202-0000-C7	01-1300-0000

CAUTION!



Use extreme caution when installing landing gear onto the towbar.
Personal injury and/or damage to landing gear may result.

3.0 SPECIFICATIONS

Weight: 61 lbs (27.7 kg)
Length: 58 ½ in (148.6 cm)
Width: 23 ¾ in (60.3 cm)
Height: 18 9/16 in (47.1 cm) collapsed

4.0 MAINTENANCE

- ☐ Inspect the pump for hydraulic leaks. Replace seals if any leaks exist. Contact Tronair or your Tronair distributor for replacement.
- ☐ Inspect hydraulic fittings and hose for leaks. If any hydraulic leaks exist, contact Tronair or your Tronair distributor for replacement.
- ☐ Inspect cylinder for hydraulic leaks. If any hydraulic leaks exist, contact Tronair or your Tronair distributor for replacement seals.
- ☐ Check extension springs. Extend cylinder to full stroke and open relief valve on pump. The extension springs should retract the cylinder completely. If not, contact Tronair or your Tronair distributor for replacement.
- ☐ Inspect cylinder mounting pins for bending or damage. Ensure the springs are engaged on them. If pins are bent or damaged, contact Tronair or your Tronair distributor for replacement.
- ☐ Check the towbar undercarriage for unusual wear or damage. Inflate the pneumatic tires to the proper pressure; repair any air leaks or replace if needed. Ensure the wheels can rotate freely, and wheel rims and tire axle are not bent. Ensure mounting fasteners are tight and not missing. Tighten or replace as required. Grease tire axle every 90 days.
- ☐ Inspect towbar undercarriage side plates for bending or damage. If any exist, contact Tronair or your Tronair distributor for replacement.

5.0 PROVISION OF SPARES

5.1 SPARE PARTS

Spare parts may be obtained from the manufacturer:

TRONAIR, Inc.
1740 Eber Road
Holland, Ohio 43528-9794 USA

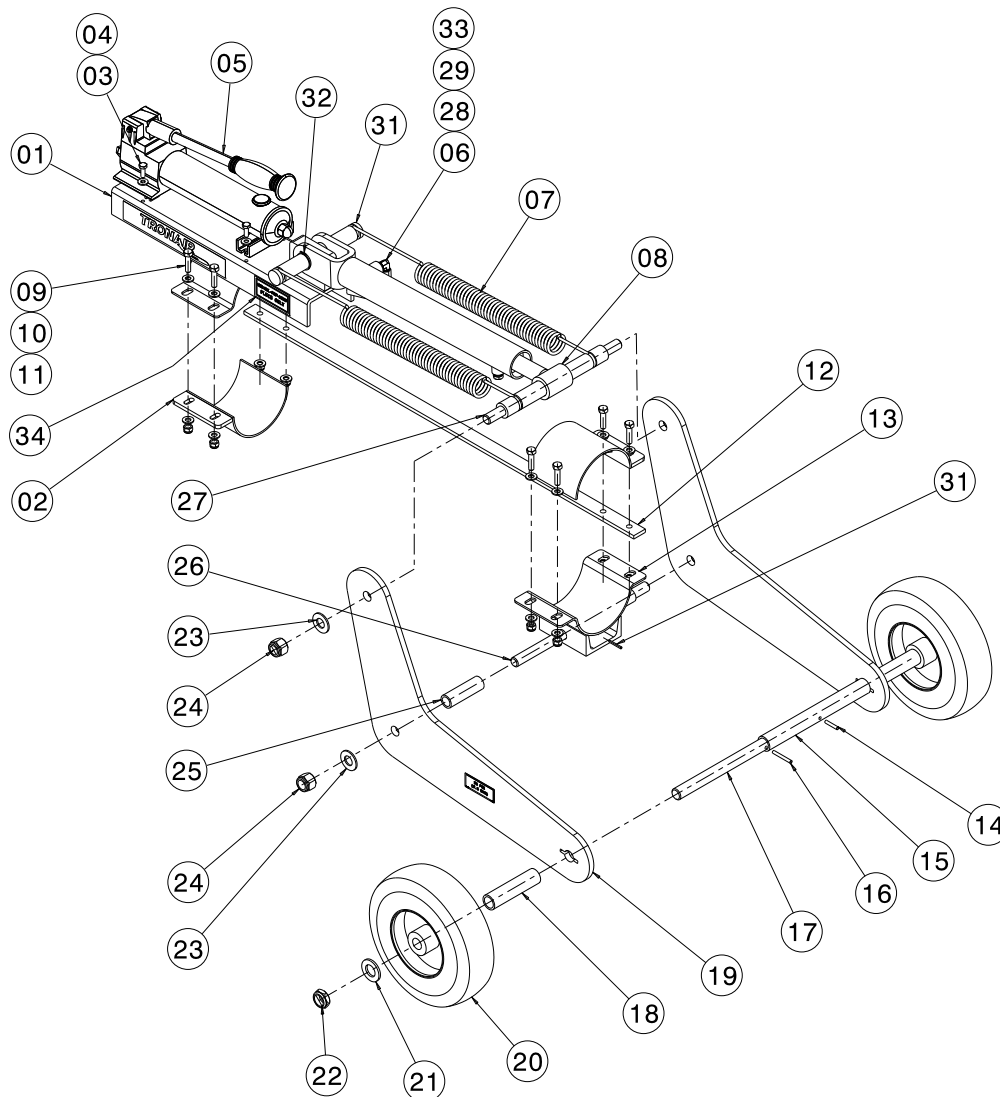
Telephone: (419) 866-6301 or 800-426-6301
Fax: (419) 867-0634
E-mail: sales@tronair.com
Website: www.tronair.com

6.0 IN-SERVICE SUPPORT

Contact Tronair for technical services and information.

Parts List

When ordering replacement parts/kits, please specify model, serial number and color of your unit.



Item	Part Number	Description	Qty
1	Z-6650-01	Weldment, Pump Mount	1
2	Z-6651-01	Weldment, Strap Clamp	1
3	G-1250-1050N	Flatwasher, ¼ ID Narrow	4
4	G-1100-105506	Bolt, HH, GR 5, ¼ - 28 x ¾ LG	4
5	H-2945	Pump, Hydraulic	1
6	N-2001-03-S-B	Elbow, STR Thread	1
7	H-2664	Spring, Extension	2
8	HC-2119	Cylinder, Hydraulic	1
9	G-1250-1060N	Flatwasher, 5/16 Narrow	16
10	G-1100-106514	Bolt, HH, GR 5, 5/16 - 24 x 1 ½ LG	8
11	G-1202-1065	ESN, 5/16 - 24	8
12	J-4082-01	Bar, Connector	1

Parts List

When ordering replacement parts/kits, please specify model, serial number and color of your unit.

Item	Part Number	Description	Qty
13	Z-6649-01	Bracket, Axle	1
14	G-1300-19100	Roll Pin, 3/16" diameter x 1" long	1
15	TR-1796-01	Tube, Landing Gear	1
16	G-1300-19140	Roll Pin, 3/16" diameter x 1" long	1
17	R-2086	Axle, Landing Gear	1
18	TR-1795-01	Spacer, Wheel	2
19	J-3435-01	Landing Gear Plate	2
20	U-1096	Wheel, Pneumatic Tire	2
21	G-1250-1110N	Flatwasher, 3/4 Narrow	2
22	G-1203-1115	Jamnut, 3/4 - 16 Elastic	2
23	G-1250-1100N	Flatwasher, 5/8 Narrow	4
24	G-1202-1105	Stopnut, 5/8 Elastic	4
25	TR-1819-01	Spacer, Wheel	2
26	R-2099	Axle, Landing Gear	1
27	R-2097	Pin, Pivot	1
28	N-2005-04-S	Elbow, Male #4-6	1
29	TF1043-18*21.0	Assembly, Hose (#4 MB)	1
30	R-2084	Pin, Cylinder	1
31	G-1300-13100	Roll Pin, 1/8" diameter x 1" long	1
32	G-1392-100-S	Ring, Retaining	2
33	N-2002-3-S	Elbow, Swivel Nut	1
34	V-1102	Label, MIL-PRF-5606	2

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.**



DECLARATION of CONFORMITY

The design, development and manufacture is in accordance with European Community guidelines

Landing Gear Assembly Kit
K-4074

Relevant provisions complied with by the machinery:
2006/42/EC

Relevant standards complied with by the machinery:
EN ISO 12100-1

Identification of person empowered to sign on behalf of the manufacturer:

A handwritten signature in cursive script that reads "Patrick Finch". The signature is written over a horizontal line.

Quality Assurance Representative



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Battery Charger/Analyzer

FUEL (ATA-28)

Fuel Transfer Cart
Fuel Tools

HYDRAULIC POWER (ATA-29)

Hydraulic Power Units
Ram Air Turbine (RAT)
Hydraulic Coupling Hose Adaptors

ICE & RAIN PROTECTION (ATA-30)

Deicer Carts

AIRCRAFT TOOLING

Designed to your Specifications

LANDING GEAR (ATA-32)

Beadbreakers
Dollies - Wheel & Brake
Service Tools
Strut Service Carts
Regulators, Adaptors,
Connectors & Gauges

FUSELAGE (ATA-53)

Lifts, Cranes & Hoists
Maintenance Platforms
Access Stands
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