



Please dispose of packaging for the product in a responsible manner. It is suitable for recycling. Help to protect the environment, take the packaging to the local amenity tip and place into the appropriate recycling bin.

3 Ton Quick Lift Jack



03676

**FOR HELP OR ADVISE ON THIS PRODUCT PLEASE CONTACT YOUR DISTRIBUTOR,
OR SIP DIRECTLY ON:
TEL: 01 509 500 400
EMAIL: sales@sip-group.com or technical@sip-group.com
www.sip-group.com**

**Please read and fully understand the instructions in this manual
before operation. Keep this manual safe for future reference**

Declaration of Conformity

We

SIP (Industrial Products) Ltd
Gelders Hall Road
Shepshed
Loughborough
Leicestershire
LE12 9NH
England

As the manufacturer's authorised representative within the EC
declare that the

3 Ton Quick Lift Jack - SIP Pt. No. 03676
Suppliers Part No. F13

Conforms to the requirements of the following directive(s), as indicated.

2006/42/EC Machinery Directive

And The Following Harmonised Standard/s

EN 1494:2000+A1

Signed: 

Mr P. Ippaso - Managing Director - SIP (Industrial Products) Ltd
Date: 28/03/2013.



PARTS LIST

Ref. No.	Description	SIP Part No.	Ref. No.	Description	SIP Part No.
1	Retaining ring	HY01-00100	27	Lock washer	HY01-00123
2	Washer	HY01-00101	28	Washer	HY01-00124
3	Front wheel	HY01-00146	29	Release valve gear	HY01-00125
4	Side plate	HY01-00147	30	Washer	HY01-00126
5	Bolt link	HY01-00148	31	Pin	HY01-00127
6	Bolt	HY01-00149	32	Gear Shaft	HY01-00128
7	Lock washer	HY01-00106	33	Lower handle	HY01-00129
8	Lock washer	HY01-00150	34	Upper handle	HY01-00130
9	Hex nut	HY01-00151	35	Handle bolt	HY01-00131
10	Retaining ring	HY01-00109	36	Hex nut	HY01-00132
11	Castor	HY01-00110	37	Lock washer	HY01-00133
12	Lock washer	HY01-00111	38	Washer	HY01-00134
13	Hex nut	HY01-00112	39	Release valve gear	HY01-00135
14	Bolt	HY01-00113	40	Hydraulic unit	HY01-00156
15	Screw bolt	HY01-00114	41	Pin	HY01-00137
16	Washer	HY01-00115	42	Link rod	HY01-00138
17	Lock washer	HY01-00116	43	Retaining ring	HY01-00139
18	Hex nut	HY01-00117	44	Return spring	HY01-00140
19	Handle spring	HY01-00152	45	Grease nipple	HY01-00157
20	Handle base	HY01-00119	46	Shaft	HY01-00141
21	Plunger pin	HY01-00120	47	Lifting arm	HY01-00158
22	Handle base bolt	HY01-00121	48	Saddle	HY01-00159
23	Roller pin	HY01-00153	49	Linkage arm	HY01-00160
24	Roller	HY01-00154	50	Fastener	HY01-00161
25	Foot pedal	HY01-00155	N/A	*Rubber pad	HY01-00162
26	Hex nut	HY01-00122	* Optional extra		

CONTENTS

Page No.	Description
4	Safety Symbols Used Throughout This Manual
4	Safety instructions
6	Guarantee
7	Technical Specifications
8	Getting To Know Your Jack
8	Operating Instructions
10	Maintenance
12	Troubleshooting
13	Exploded diagram
14	Parts list
15	Declaration on conformity

SAFETY SYMBOLS USED THROUGHOUT THIS MANUAL



Danger / Caution: Indicates risk of personal injury and/or the possibility of damage.



Note: Supplementary information.

SAFETY INSTRUCTIONS

IMPORTANT: Please read the following instructions carefully, **failure to do so could lead to serious personal injury and / or damage to the jack.**

When using your jack, basic safety precautions should always be followed to reduce the risk of personal injury and / or damage to the jack or load. Read all of these instructions before operating the jack and save this user manual for future reference.

The jack should **not** be modified or used for any application other than that for which it was designed.

The jack was designed for safely lifting loads up to its rated capacity.

If you are unsure of its relative applications do not hesitate to contact us and we will be more than happy to advise you.

Before operating the jack always check no parts are broken, that no oil is leaking and that no parts are missing.

Always operate the jack safely and correctly.

KNOW YOUR JACK: Read and understand the owner's manual and labels affixed to the jack. Learn its applications and limitations, as well as the potential hazards specific to it.

KEEP CHILDREN AND UNTRAINED PERSONNEL AWAY FROM THE WORK AREA: All visitors should be kept at a safe distance from the work area; never allow untrained persons to operate the jack.

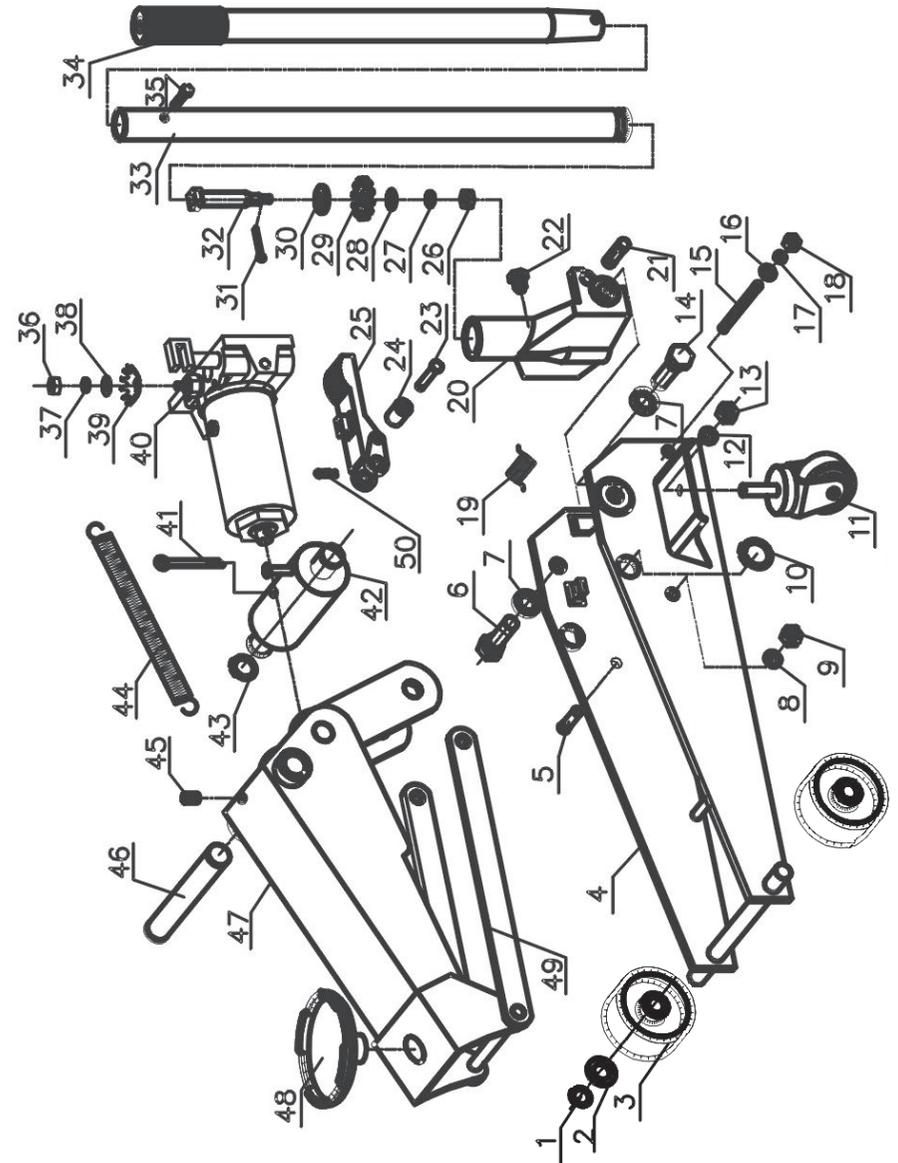
STAY ALERT: Always watch what you are doing and use common sense.

NEVER LEAVE THE JACK UNATTENDED: When in use / under load.

HAVE YOUR JACK REPAIRED BY A QUALIFIED PERSON: The jack is in accordance with the relevant safety requirements. Repairs should only be carried out by qualified persons using original spare parts, otherwise this may result in considerable danger to the user and void the warranty.

DANGER! Check that the jack is in sound condition and good working order before each use; Take immediate action to repair or replace damaged parts.

EXPLODED DIAGRAM



TROUBLESHOOTING

Symptom	Possible Causes	Corrective Action
Jack will not lift load	<ul style="list-style-type: none"> • Release valve not tightly closed • Load is too heavy 	<ul style="list-style-type: none"> • Ensure release valve tightly closed • Consider higher capacity jack
Jack will lift, but not maintain pressure	<ul style="list-style-type: none"> • Release valve not tightly closed • Hydraulic unit malfunction 	<ul style="list-style-type: none"> • Ensure release valve tightly closed • Discontinue use, contact supplier
Jack will not lower after unloading	<ul style="list-style-type: none"> • Reservoir overfilled • Linkages binding • Fluid level low 	<ul style="list-style-type: none"> • Drain fluid to proper level • Clean and lubricate moving parts • Ensure proper fluid level
Poor lift performance	<ul style="list-style-type: none"> • Fluid level low • Air trapped in system 	<ul style="list-style-type: none"> • Ensure proper fluid level • With ram fully retracted, remove oil filler plug/screw to let pressurized air escape. Reinstall oil filler plug
Will not lift to full extension	<ul style="list-style-type: none"> • Fluid level low 	<ul style="list-style-type: none"> • Ensure proper fluid level

SAFETY INSTRUCTIONS...cont

WARNING! Only operate on a level and stable surface and never use on soft ground where the jack is likely to “sink” whilst in operation.

NEVER STAND ON THE JACK: The jack is not designed for this purpose.

DO NOT dismantle or tamper with the jack, as this may be dangerous and will invalidate the warranty.

ALWAYS ensure the load is central on the saddle.

- If a problem with the jack is experienced or suspected stop using the jack **Immediately** and contact your distributor for repair.
- Do not attempt to lift a load that exceeds rated capacity of the jack.
- Do not attempt to lift a load beyond the maximum height of the jack.
- This jack is a lifting device only.
- Immediately after lifting, support the load with a pair of appropriately rated jack stands.
- Never work on, under or around a load supported only by the jack.
- Regularly inspect and lubricate the jack, ensuring that it is in good working order and condition.
- Always ensure that the work area is clean and tidy, free from unrelated materials and has adequate lighting.
- When lifting a vehicle ensure a minimum distance of 0.5m between vehicle and static objects such as doors, walls, etc. to allow for tilting during jacking.
- Ensure that all persons are out of the vehicle before jacking.
- **DO NOT** enter the vehicle whilst it is supported on the jack or axle stands.
- Check vehicle weight and recommended lifting points by referring to the vehicle’s manual. Ensure that the lifting point is not corroded.
- **DO NOT** allow the vehicle to move, or try to start the engine, during jacking.
- **DO NOT** start the engine when vehicle is jacked up.
- **DO NOT** jack a vehicle if this may result in the spillage of fuel, battery acid, or other dangerous substances.
- Check that the jack saddle is centred and stable on the lifting point (off-centre loads can slip).
- Position the jack to avoid operating it from under vehicle.
- Keep hands, limbs etc. clear of moving parts during the raising and lowering of the vehicle.
- **DO NOT** top-up the jack with brake fluid, or other oil types; use only hydraulic oil.
- **DO NOT** adjust the safety overload valve.
- Ensure that there are no persons or obstructions beneath the load before lowering.
- Clean and stow the jack correctly, with the ram in the down position, **DO NOT** leave it extended; ensure storage area is dry.
- **IMPORTANT!** Ensure that you can see the saddle and jacking point throughout the jacking operation in case there is any relative movement.
- Failure to follow the warnings in this manual, may result in personal injury and/or property damage.

SAFETY INSTRUCTIONS...cont



Danger: Never load a weight greater than what the jack was designed for, overloading can lead to personal injury or damage to the jack.



Danger: NEVER use the hydraulic jack to hold the load; after lifting, immediately support the lifted vehicle with a pair of appropriately rated jack stands.



CAUTION: The warnings and cautions mentioned in this user manual can not cover all possible conditions and situations that may occur. It must be understood by the operator that common sense and caution are factors which cannot be built into this product, but must be applied.

GUARANTEE

This SIP hydraulic jack is covered by a 12 month parts and labour warranty covering failure due to manufacturers defects. This does not cover failure due to misuse or operating the jack outside the scope of this manual - any claims deemed to be outside the scope of the warranty may be subject to charges including, but not limited to parts, labour and carriage costs.

This guarantee does not cover consumables such as rubber pads etc.

In the unlikely event of warranty claims, contact your distributor as soon as possible. Proof of purchase will be required before any warranty can be honoured.



Note: Proof of purchase will be required before any warranty can be honoured.

MAINTENANCE...cont

BLEEDING

1. Loosen the oil fill screw.
2. Insert the handle into the handle base.
3. Turn the handle anticlockwise to open the release valve.
4. Pump the handle up and down quickly several times, this will purge the air out of the system.
5. Tighten the oil fill screw back up.

LUBRICATION

A periodic coating of light lubricating oil to pivot points, axles and hinges will help to prevent rust and assure that wheels, castors and pump assemblies move freely. Some grease should also be applied to the main pivot through the grease nipple.

CLEANING

Periodically check the pump piston and ram for signs of rust or corrosion. Clean as needed and wipe with an oily cloth.

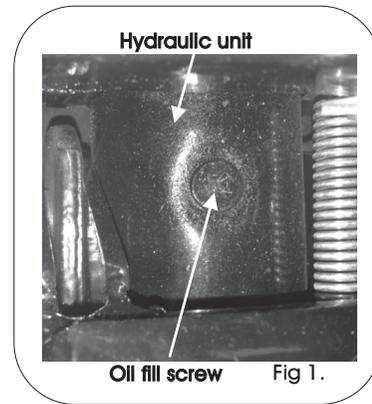


Note: Never use sandpaper or abrasive material on these surfaces.

MAINTENANCE

ADDING OIL

1. Lower the saddle to its lowest position (turn the handle anticlockwise).
2. Pull back on the handle until the handle base is nearly horizontal (you should be able to see the hydraulic unit).
3. With a cross headed screwdriver, unscrew the oil filler screw fully out of the hydraulic unit.
4. The oil level should be around the bottom of the oil filler hole; Top the oil up if required .



Note: Do not touch or use the handle when filling with oil.

OIL CHANGE

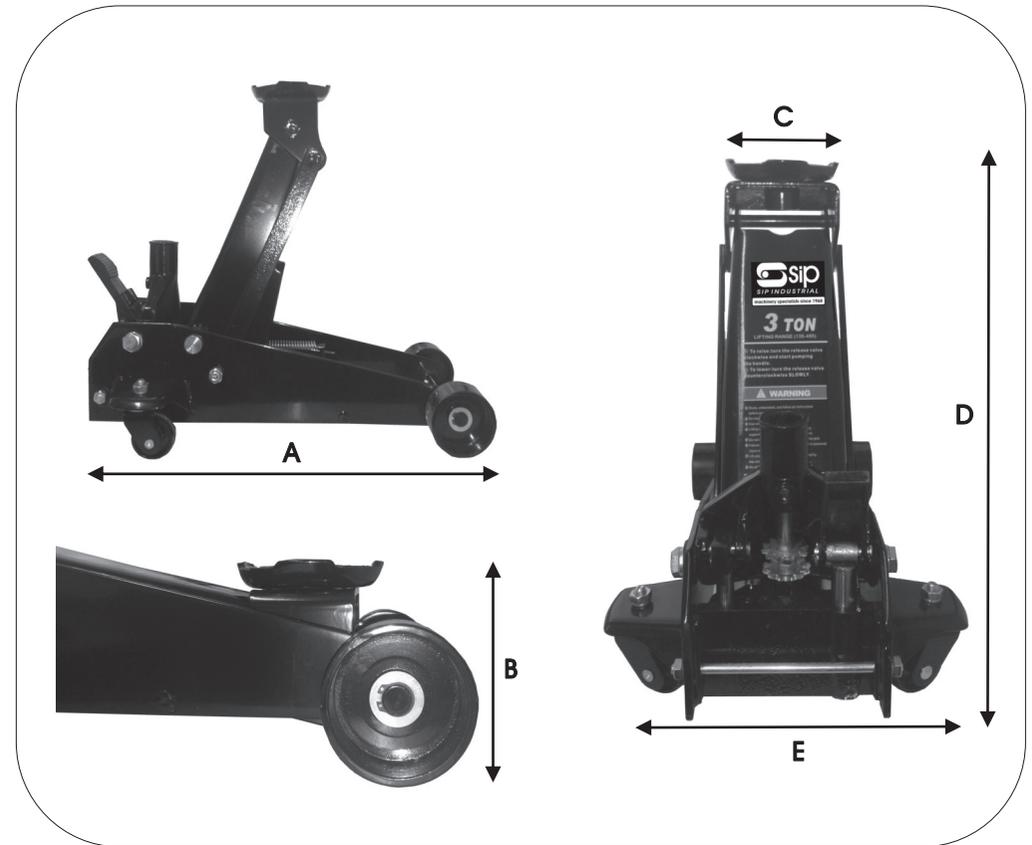
For the best performance and longest life, completely change the oil at least once per year. Always dispose of hydraulic oil in accordance with local regulations.

1. Lower the saddle to its lowest position (turn the handle anti clockwise).
2. Pull back on the handle until the handle base is nearly horizontal (you should be able to see the hydraulic unit).
3. With a cross headed screwdriver, unscrew the oil filler screw fully out of the hydraulic unit.
4. Lay the jack on its side and drain the fluid into a suitable container.
5. Fill with hydraulic oil until the oil reaches the bottom of the oil fill hole.
6. Refit the oil filler screw.



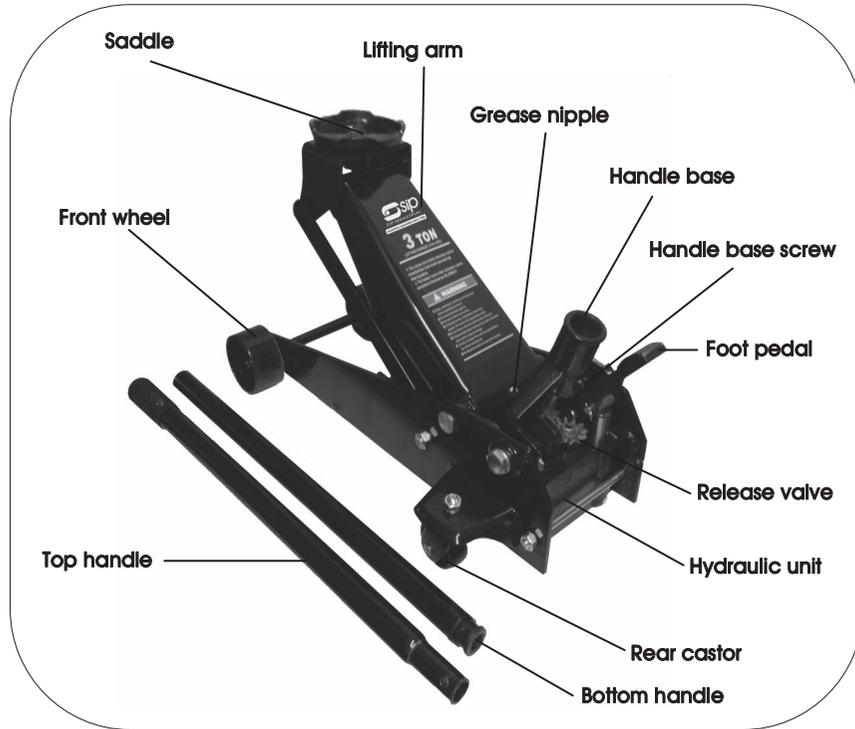
Note: Contact your local authority on how / where to dispose of the waste oil.

TECHNICAL SPECIFICATIONS



Model	03676
Lifting capacity	3 Ton
A	585mm
B	135mm
C	122mm Round
D	495mm
E	345mm
Net Weight	34kg

GETTING TO KNOW YOUR JACK



The above is a diagram so you can familiarize yourself with your new jack. Before using the jack ensure you fully understand this manual. Failure to do so could lead to personal injury or damage to the jack. Never let anyone operate the jack until they too have read the instruction manual and understand the dangers related to it.

OPERATING INSTRUCTIONS

PRE-OPERATION CHECKS

Inspect before each use. Do not use if broken, bent, cracked or damaged parts are noted. Any jack that appears damaged in any way, or operates abnormally should be removed from service immediately. If the jack has been or suspected to have been subjected to a shock load (a load dropped suddenly, unexpectedly upon it), immediately discontinue use until the jack has been checked by an authorized service centre / agent (contact distributor or manufacturer for list of authorized service centres). It is recommended that an annual inspection be done by a qualified person/s.

OPERATING INSTRUCTIONS...cont

OPERATING THE JACK

i Note: Follow the vehicle manufacturer's recommended guidelines for lifting. Engage the emergency brake and chock each un-lifted wheel in both directions to prevent inadvertent vehicle movement.

1. Push the top handle into the bottom handle, use the handle screw to secure both parts together.
2. Insert the handle into the handle base and secure using the handle base screw.
3. Close the release valve by turning the handle clockwise until firm resistance is felt.
4. Verify the lifting point, centre the jack saddle under the lifting point.

i Note: Refer to the vehicle manufacturer owner's manual to locate approved lifting points on the vehicle.

5. Pump the handle, or foot pedal to contact the lifting point; continue to pump the handle until the load reaches the desired height.
6. Transfer the load immediately to appropriately rated jack stands.



NEVER use the hydraulic jack as a stand alone device! **ALWAYS** transfer the lifted load **IMMEDIATELY** to a pair of appropriately rated jack stands. Use one pair of jack stands per vehicle. Do not exceed rated capacity.

LOWERING THE JACK

1. Raise the load high enough to allow it to clear the jack stands.
2. Carefully remove the jack stands.
3. Slowly turn the handle anti-clockwise to open the release valve - Never turn the handle more than 1/2 a turn.
4. Allow the load to slowly lower to its original position.
5. Remove the jack from under the vehicle.



Caution: Take care when lowering the jack that nothing can get trapped in the moving parts of the jack, or under the load.

i Note: After removing the jack from under the vehicle, fully lower the saddle to reduce ram exposure to rust and contamination