



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.

FOR HELP OR ADVICE ON THIS PRODUCT PLEASE CONTACT YOUR DISTRIBUTOR,
OR SIP DIRECTLY ON:
TEL: 01509500400
EMAIL: sales@sip-group.com or technical@sip-group.com
www.sip-group.com

Ref: 120814

680Kg Motorcycle Jack



03634

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


680Kg Motorcycle Jack - SIP Part No. 03634

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

2006/42/EC Machinery Directive

And The Relevant Harmonised Standard/s, including

EN 1494:2000+A1

Signed: 

Mr P. Ippaso - Managing Director - SIP (Industrial Products) Ltd
Date: 28/06/2014.



PARTS LIST

Ref. No.	Description	SIP Part No.	Ref. No.	Description	SIP Part No.
1.	Front wheel	HY01-00165	15.	Thumb screw	HY01-00178
2.	Base	HY01-00166	16.	Spring	HY01-00179
3.	Saddle unit	HY01-00167	17.	Washer	HY01-00180
4.	Lifting arm (left)	HY01-00168	18.	Lifting arm (right)	HY01-00181
5.	Nut (M8)	HY01-00169	19.	Release pedal	HY01-00182
6.	Spring washer (M8)	HY01-00170	20.	Bolt (M8x25)	HY01-00183
7.	Height lock release bar	HY01-00171	21.	Hydraulic ram	HY01-00184
8.	Clip	HY01-00172	22.	Shaft	HY01-00185
9.	Handle locking pin	HY01-00173	23.	Foot pedal	HY01-00186
10.	Frame	HY01-00174	24.	Rear castor	HY01-00187
11.	Handle	HY01-00175	25.	Spring	HY01-00188
12.	Bolt (M8x12)	HY01-00176	26.	Nut (M12)	HY01-00087
13.	Nut (M12)	HY01-00087	27.	Height lock bar	HY01-00189
14.	Locking screw	HY01-00177	28.	Oil fill screw	HY01-00190

CONTENTS

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4.	Safety Symbols Used Throughout This Manual
4.	Safety Instructions
7.	Guarantee
7.	Contents & Accessories
8.	Technical Specifications
9.	Getting to Know Your Motorcycle Jack
10.	Assembly Instructions
11.	Operating Instructions
14.	Maintenance
16.	Troubleshooting
17.	Exploded Drawing
18.	Parts List
19.	Declaration of 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 motorcycle jack.**

When using your motorcycle jack, basic safety precautions should always be followed to reduce the risk of personal injury and / or damage to the motorcycle jack or vehicle.

Read all of these instructions before operating the motorcycle jack and save this user manual for future reference.

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

The motorcycle jack was designed for safely lifting motorcycle's or similar up to its rated capacity of 680kg.

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 motorcycle jack always check no parts are broken, that no oil is leaking and that no parts are missing.

Always operate the motorcycle jack safely and correctly.

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

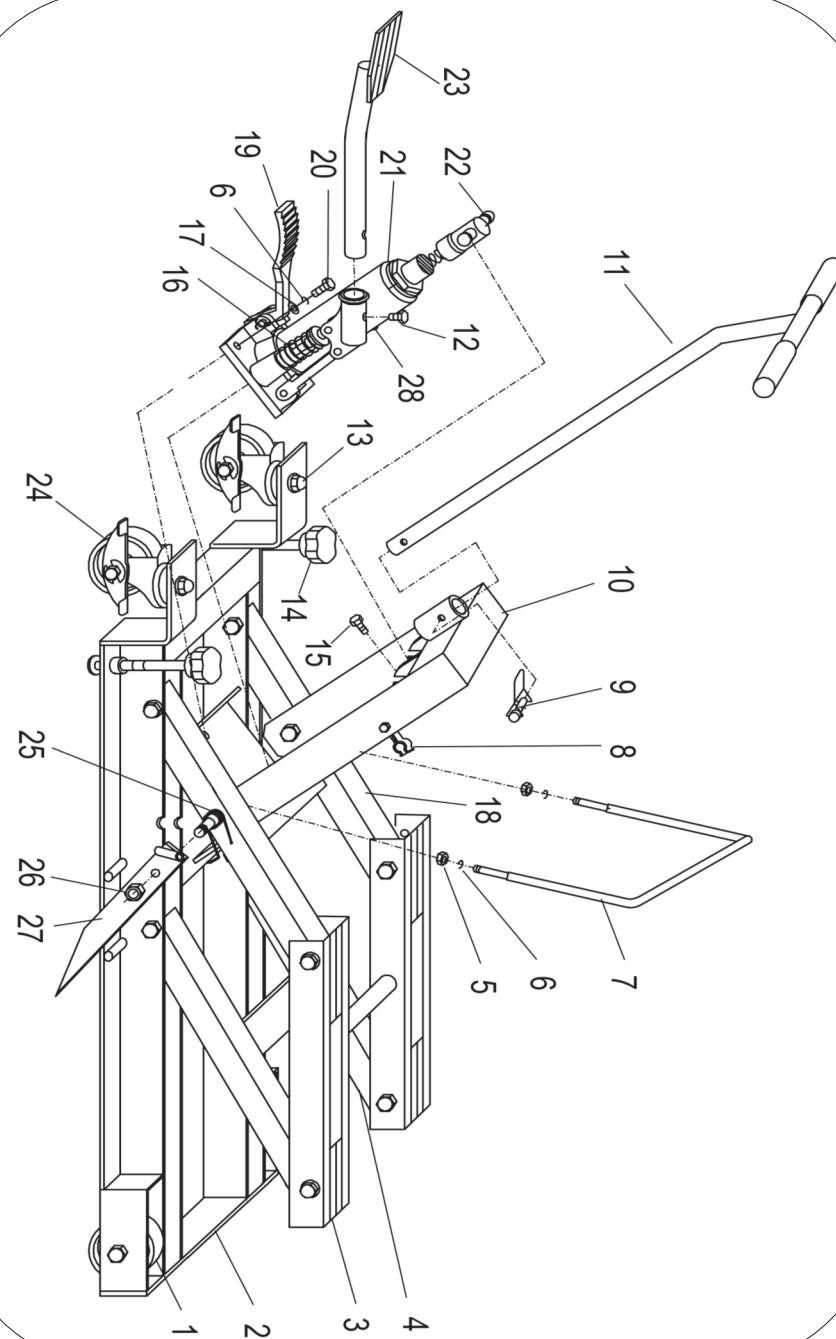
KEEP CHILDREN AND UNTRAINED PERSONNEL AWAY FROM THE WORK AREA: All visitors should be kept at a safe distance from the work area; never allow untrained persons to operate the motorcycle jack.

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

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

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

EXPLODED DRAWING



TROUBLESHOOTING

Symptom	Possible Causes	Corrective Action
Jack will not lower completely.	<ul style="list-style-type: none"> ●Air in hydraulic ram. ●Release valve is stuck. 	<ul style="list-style-type: none"> ●Bleed the air out of the hydraulic ram. ●Clean the release valve.
Jack will not lift to the full height.	<ul style="list-style-type: none"> ●Oil level is to low. ●Air in hydraulic ram. 	<ul style="list-style-type: none"> ●Top up oil. ●Bleed the air out of the hydraulic ram.
Slow lifting.	<ul style="list-style-type: none"> ●Air in hydraulic ram. ●Oil is dirty. 	<ul style="list-style-type: none"> ●Bleed the air out of the hydraulic ram. ●Change the oil
Jack will not lift the vehicle	<ul style="list-style-type: none"> ●Excessive weight. ●Oil level is low. 	<ul style="list-style-type: none"> ●Check the vehicle is 680kg or less. ●Refill up with oil as required.

SAFETY INSTRUCTIONS....cont

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

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

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

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

ALWAYS ensure the vehicle is central on the saddle.

- If a problem with the motorcycle jack is experienced or suspected stop using the motorcycle jack **immediately** and contact your distributor for repair.
- Do not attempt to lift a vehicle that exceeds the rated capacity of the motorcycle jack.
- Do not attempt to lift a vehicle beyond the maximum height of the motorcycle jack.
- Never work on or under a loaded jack.
- Regularly inspect and lubricate the motorcycle 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 / lowering a vehicle ensure a minimum distance of 0.5m between the vehicle and static objects such as doors, walls, etc. to allow for tilting during jacking.
- Ensure that no one is sitting on the vehicle before jacking.
- **DO NOT** sit on the vehicle whilst it is supported on the jack.
- Check the vehicle's 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 be started during jacking.
- **DO NOT** start the engine when the 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 lifting saddle is centred and stable on the lifting point (off-centre loads can slip).
- Keep hands, limbs etc. clear of moving parts during the raising and lowering of the vehicle.
- **DO NOT** top-up the vehicle 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 vehicle jack correctly, with the ram in the down position, **DO NOT** leave it extended; ensure the storage area is dry.
- **IMPORTANT!** Ensure that you can see the lifting 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 prop-

SAFETY INSTRUCTIONS....cont

erty damage.

- **ALWAYS** use the ratchet straps to secure the vehicle to the jack.
- **NEVER** move the jack if the vehicle is not secured with the ratchet straps.
- **ALWAYS** use the height lock bars whilst the vehicle is raised, this will prevent the vehicle dropping and causing personal injury or damage to the vehicle.
- **DO NOT** make any modifications to the jack as this will make the jack unsafe; Any modifications made will void your warranty.
- **ALWAYS** check the jack prior to lifting the vehicle.
- **DO NOT** use if the hydraulic ram is leaking oil or any damaged parts are found, have the parts replaced before attempting to use it.
- **IMMEDIATELY** after the vehicle is raised, ensure that both height lock bars are engaged and secure.
- **NEVER** use the straps to tow a vehicle or to suspend anything in the air, the straps were not designed for this.
- **ALWAYS** inspect both straps before operation, **DO NOT** use any strap found with cuts or that are worn or damaged, have these replaced before operation.
- **DO NOT** use pliers or similar to operate the ratchet lever, this could possibly damage the ratchet mechanism and void any warranty you may have.



Danger: *Never* lift a load greater than that which the jack was designed, overloading can lead to personal injury or damage to the racing jack.



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.

MAINTENANCE....cont

1. Lower the lifting saddle to its lowest position.
2. Place the jack on its side and with a cross headed screwdriver, unscrew the oil fill screw fully from the hydraulic ram and drain the old oil into a suitable container.
3. Turn the jack on its other side and fill with fresh hydraulic oil until the oil reaches the bottom of the threads.
4. Refit the oil fill screw.
5. Wipe away any excess oil.
6. Return the jack to its upright position.



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

BLEEDING

If air gets into the hydraulic system the jack will not operate correctly and will need to be bled. To bleed air from the hydraulic system, follow the instructions below.

1. Lower the lifting saddle to its lowest position.
2. Loosen the oil fill screw.
3. Pump the foot pedal up and down quickly 6-8 times, this will purge the air from the system.
4. Check and top up the oil if required.
5. Retighten the oil fill screw.

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.

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.

OPERATING INSTRUCTIONS....cont



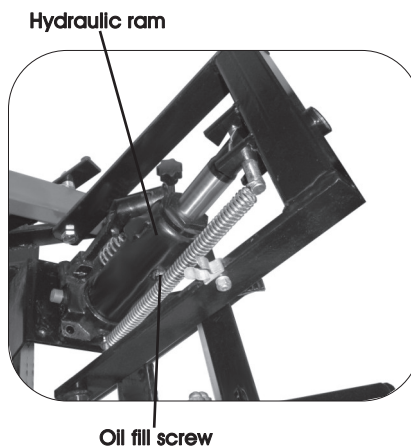
Caution: Take care when lowering the jack that nothing can get trapped in the moving parts of the jack, or under the vehicle.

1. Pump the foot pedal so that both height lock bars clear both ridges on either side of the frame.
2. Pull back on the height lock release bar and push into the retaining clip to secure it.
3. Press down gently on the release pedal until it reaches the lowest position.
4. Remove both ratchet straps.
5. The vehicle can now be removed.

MAINTENANCE

ADDING OIL

1. Lower the lifting saddle to its lowest position.
2. Place the jack on its side.
3. With a cross headed screwdriver, unscrew the oil fill screw fully from the hydraulic unit.
4. Fill with SAE 5W hydraulic oil until it reaches the bottom of the threads.
5. Refit the oil fill screw.



Note: Do not touch either the foot pedal or the release pedal 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.

GUARANTEE

This SIP motorcycle 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 vehicle 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 and oil etc.

In the unlikely event of warranty claims, contact your distributor as soon as possible.



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

CONTENTS & ACCESSORIES

Description	Qty.	Description	Qty.
680Kg Vehicle Jack	1	Instruction Manual	1
Hydraulic Ram	1	Bolt (M8 x 12)	1
Handle	1	Bolt (M8 x 25)	2
Foot Pedal	1	M8 Nut	2
Height Lock Release Bar	1	M8 Spring Washer	4
Ratchet Straps	2	Handle Pin	1

TECHNICAL SPECIFICATIONS

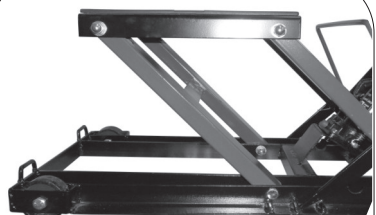
Part No.	Maximum Load Capacity
03634	680 Kg



125 mm
Folded position



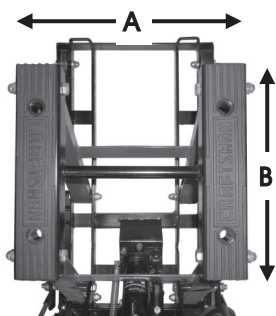
280 mm
Height position (1)



360 mm
Height position (2)



410 mm
Height position (3)



Lifting Saddle
(A) - 370 mm
(B) - 340 mm

OPERATING INSTRUCTIONS...cont

LIFTING THE JACK



Note: Follow the vehicle manufacturer's recommended guidelines for lifting. Always refer to the vehicle manufacturer owner's manual to locate approved lifting points on the vehicle.



Note: Only operate on a level and stable surface and never use on soft ground where the motorcycle jack is likely to "sink" whilst in operation.



Danger / Caution: Always use the supplied ratchet straps when lifting a vehicle, failure to do so could lead to damage to the vehicle or personal injury to you or anyone in the vicinity.

1. Place the lifting saddle under the lifting points on the vehicle .
2. Use both ratchet straps to secure the vehicle to the jack.
3. Pump the foot pedal (3) until the saddle comes into contact with the lifting points, do not start to lift the vehicle just yet.
4. Lock both rear castors by applying both castor locks (6).
5. Use the foot pedal again to start lifting the vehicle to the desired height.
6. Once at the desired height check to make sure that both height lock bars sit tight against both ridges, if it doesn't then gently press down on the release pedal (7) until it fits tightly against the ridge on both sides.



Note: Always make sure both height lock bars are tight against both ridges on either side of the frame, failure to do so will make the load unsafe and could cause personal injury or damage to the vehicle.

7. Stabilize the jack by screwing down both locking screws (5) on either side of the jack.

LOWERING THE JACK



Danger / Caution: Note: Only remove the ratchet straps when the vehicle is at the jacks lowest position, never remove the straps when the vehicle is jacked up, this will make the vehicle unsafe and could possibly cause damage to the vehicle or personal injury to you or anyone in the vicinity.

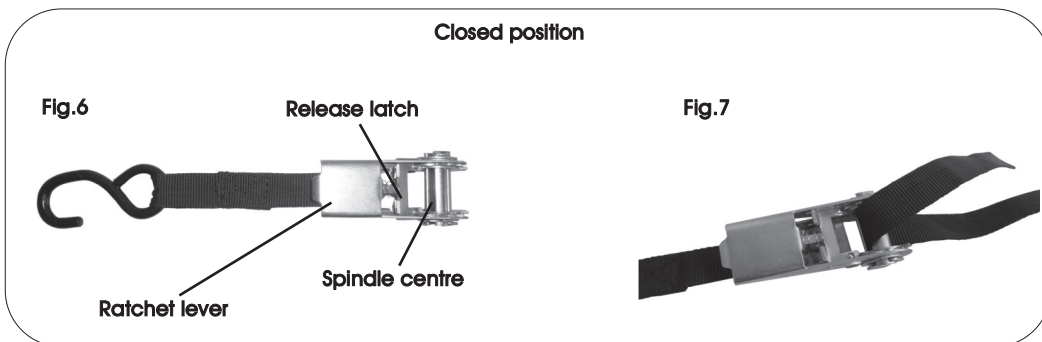


Note: Do not use pliers or similar to operate the ratchet lever, this could possibly damage the ratchet mechanism and void any warranty you may have.

Supplied with the motorcycle jack are two ratchet straps (1" wide x 15ft long), to use the ratchet straps follow the steps below

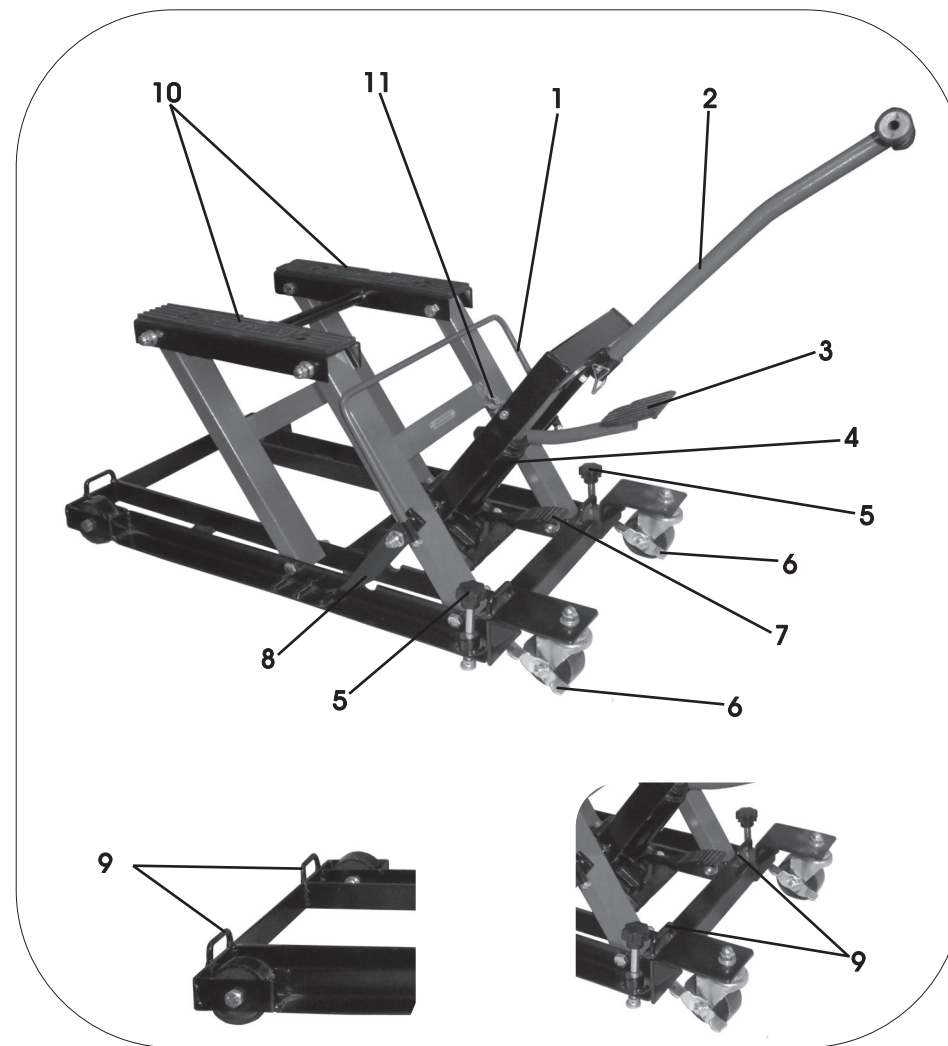
Securing a vehicle with the ratchet straps:

- Place the ratchet lever in the closed position (Fig.6)
- Put the other end of the strap through the spindle centre, then loop it back over the spindle (Fig.7).
- Slightly tighten the strap by ratcheting the ratchet lever back and forth for about 5 or 6 times.
- Place one hook on the hook support of the frame and pass the strap over the vehicle. Hook onto the opposite hook support.
- Fully tighten the strap by ratcheting the ratchet lever back and forth until it is tight.
- When the strap is tight lock the ratchet by pushing the ratchet lever down so it is in the closed position.
- Repeat above steps for the other ratchet strap.



Releasing the ratchet straps:

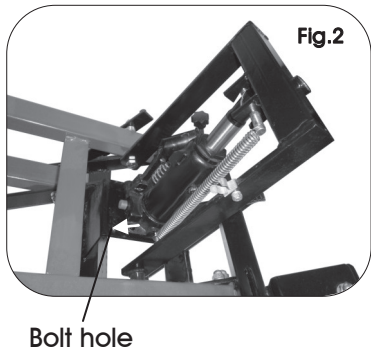
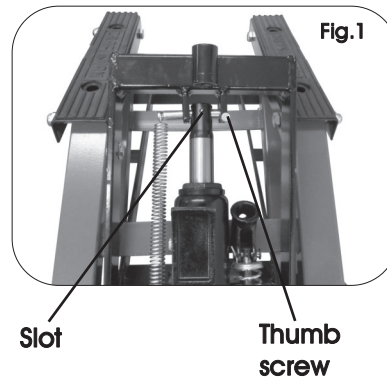
- Hold the ratchet in one hand and with the other hand pull back on the release latch.
- Whilst still holding the release latch, open the ratchet lever fully so it passes the locking gears and releases the load.
- To completely remove the strap, pull up on the ratchet and slide the strap out.



Ref. No.	Description	Ref. No.	Description
1.	Height Lock Release Bar	7.	Release Pedal
2.	Handle	8.	Height Lock Bar
3.	Foot Pedal	9.	Hook support
4.	Hydraulic Ram	10.	Lifting Saddle
5.	Locking Screw	11.	Retaining clip (Height Lock Release Bar)
6.	Castor Lock		

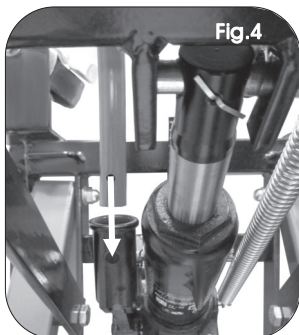
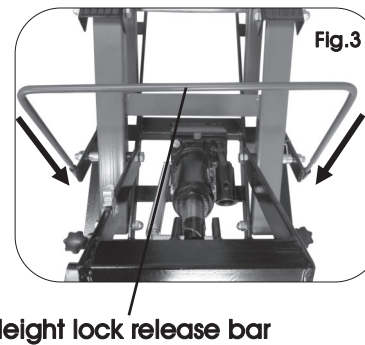
ASSEMBLY INSTRUCTIONS

1. Place the hydraulic ram between the slot on the connecting frame and use the thumb screw to secure in place (Fig.1).



2. Bolt the base of the hydraulic ram to the main frame, secure using the 2x M8x25 bolts and 2x M8 spring washers (Fig.2).

3. Attach the height lock release bar to the height lock bars, secure using 2x M8 spring washers and 2x M8 nuts (Fig.3).



4. Insert the foot pedal into the hydraulic ram sleeve and secure with the M8x12 bolt (Fig.4).

ASSEMBLY INSTRUCTIONS....cont

5. Attach the handle to the connecting frame using the handle pin (Fig.5).
6. Make sure all bolts are tight before use.
7. The vehicle jack is now ready for use.



OPERATING INSTRUCTIONS

DESCRIPTION

The Motorcycle jack is ideal for performing minor repairs, oil changes and more, the 680Kg capacity will lift most motorcycles or similar.

PRE-OPERATION CHECKS

Inspect before each use. Do not use if broken, bent, cracked or damaged parts are noted. Any motorcycle jack that appears damaged in any way, or operates abnormally should be removed from service immediately. If the motorcycle 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 motorcycle jack has been checked by an authorised service centre / agent (contact distributor or manufacturer for list of authorised service centres). It is recommended that an annual inspection be done by a qualified person/s.

USING THE RATCHET STRAPS



Note: Never use the straps to tow a vehicle or to suspend anything in the air, the straps were not designed for this.



Note: Always inspect both straps before operation, **DO NOT** use any strap found with cuts or that are worn or damaged, have these replaced before operation.