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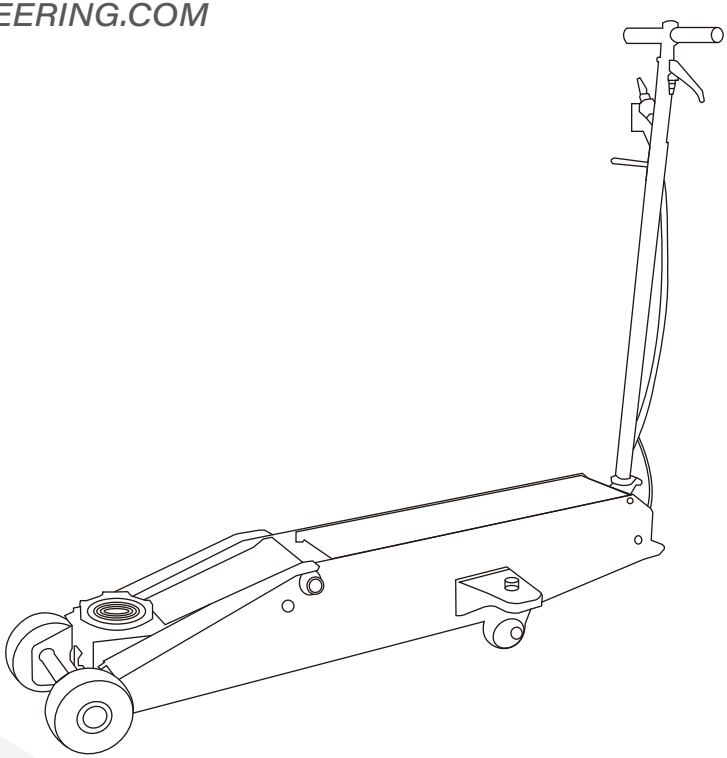


TJ6T.2

6 Tonne Air & Manual Trolley Jack - 650mm Lift Height

OWNER'S MANUAL

1. GENERAL DESCRIPTION
Product Description

This Hydraulic trolley jack is designed to lift, but not support, one end of a vehicle.
Immediately after lifting, loads must be supported by a pair of appropriately rated jack stands.

Capacity	6 TONNE
Minimum Height	150 mm
Maximum Height	650 mm
Air Pressure	0.75-0.85Mpa
Weight	85.8 KGS

2. Safety Information

Important: Read these instructions carefully. NOTE THE SAFE OPERATIONAL REQUIREMENTS, WARNINGS AND CAUTIONS. USE THIS JACK CORRECTLY AND WITH CARE FOR THE PURPOSE FOR WHICH IT IS INTENDED. Failure to do so may cause damage or personal injury and will invalidate the warranty. Retain THESE INSTRUCTIONS for future use.

To avoid personal injury or property damage during operation, read and follow all CAUTIONS, WARNINGS and INSTRUCTIONS included with or attached to each product.

WE CANNOT BE RESPONSIBLE FOR DAMAGE OR INJURY RESULTING FROM UNSAFE USE OF PRODUCT, LACK OF MAINTENANCE OR INCORRECT PRODUCT AND SYSTEM APPLICATION. Contact us when in doubt as to safety precautions or applications.

⚠ WARNING

The use of portable automotive lifting devices is subject to certain hazards that cannot be prevented by mechanical means, but only by the exercise of intelligence, care, and common sense. It is therefore essential to have owners and personnel involved in the use and use. Examples of hazards are dropping, tipping or slipping of loads caused primarily by improperly securing loads, overloading, offcentered loads, use on other than hard level surfaces, and using equipment for a purpose for which it was not designed.

⚠ WARNING

Read, study, understand and follow all instructions before operating this device.
Inspect the jack before each use. Do not use if damaged, altered, in poor condition, leaking hydraulic fluid or unstable due to loose or missing components. Make corrections before using.

Use only on a hard level surface free from obstructions, so the jack is free to reposition itself during lifting and lowering operations.
Lift only on areas of the vehicle as recommended by the vehicle manufacturer.
User and bystanders must wear eye protection that meets ANSI Z87.1 and OSHA standards.
Do not use the jack beyond its rated capacity.
This is a lifting device only. Immediately after lifting, support the vehicle with jack stands capable of sustaining the load before working on the vehicle. Center load on saddle. Be sure setup is stable before working on the vehicle.
Do not move or dolly the vehicle while on the jack.
Do not use any materials that may serve as risers, spacers or extenders between the stock lifting saddle and the load.
Do not use any adaptors that replace the stock lifting saddle unless approved for this device.
Always lower the jack slowly and carefully.
Failure to heed these warnings may result in serious or fatal personal injury and/or property damage.

Danger : Use the jack for lifting only

Ensure there are no persons or obstructions beneath the vehicle before lowering.
Use suitable axle stands under the vehicle before proceeding with any task.
Use a qualified person to lubricate and maintain the jack.
Wear ANSI-approved safety goggles and heavy-duty working gloves during use.
Ensure that only hydraulic jack oil is used in the jack.
DO NOT operate the jack if damaged.
DO NOT allow untrained persons to operate the jack.
DO NOT exceed the rated capacity of the jack.
DO NOT allow the vehicle to move during lifting or lowering, or use the jack to move the vehicle.
DO NOT jack the vehicle if there is a risk of spillage of fuel, battery acid, or other dangerous substances.
DO NOT work under the vehicle until appropriately rated axle stands have been correctly positioned.
DO NOT fill hydraulic system with brake fluid, alcohol or transmission oil. Use hydraulic jack oil only.
DO NOT adjust the safety overload valve.
DO NOT use for aircraft purposes.
When not in use store jack, fully lowered, in a safe, dry and childproof location.
The warnings, precautions and instructions discussed in this manual cannot cover all possible conditions and situations that may occur. The operator must understand that common sense and caution are factors, which cannot be built into this product, but must be supplied by the operator.

3. SETUP

PLEASE REFER TO THE EXPLODED VIEW DRAWING IN THIS MANUAL IN ORDER TO IDENTIFY PARTS.

1. Take the jack out of the wooden crate and remove the cover carton from the handle.
2. Pull the handle's locking lever into position so it is disengaged.
3. Press down on the handle fork and remove the retaining hook to free the fork.
4. Install the handle in the handle fork making sure the T-portion of the handle is positioned left and right of the jack's chassis.
5. Secure the handle in the handle fork by tightening the screw and nut with an 8mm Allen wrench and 17mm wrench.
6. Remove the protective carton from the jack and engage the handle's locking lever so the handle locks in any one of the three lock positions.
7. In order to activate the pump handle, disengage the handle locking lever and proceed to pump to make sure there is no air trapped in the jack's hydraulic system due to shipping and handling. If the jack's lift arm raises partially or abnormally, follow the following instructions to remove air from the hydraulic system.

4. PURGING AIR FROM THE HYDRAULIC SYSTEM

a. Remove the cover plate and use a Phillips head screwdriver to loosen the fill screw on the pump assembly (#2).
b. Very lightly pump the handle while observing the oil in the reservoir. If you see bubbles while pumping, then the jack will need to be bled of air in the system. Continue to pump the handle gently until no more bubbles are seen in the reservoir (you may need to add a little more oil during this process to keep the oil level full).
c. Insert the oil fill screw back into the hole and then turn it clockwise until it is tight. Pump the jack with normal full strokes until the lift arm reaches its maximum height. Pull up on the release lever to lower the lift arm.
d. Replace the cover plate.

5. Operating Instructions

⚠ WARNING

This is the safety alert symbol used for the **OPERATING INSTRUCTIONS** section of this manual to alert you to potential personal injury hazards. Obey all instructions to avoid possible injury or death.

IMPORTANT: Before attempting to raise any vehicle, check the vehicle service manual for recommended lifting surfaces.

IMPORTANT: The "FTL" (Fast To Load) feature is intended to reduce the time required to

raise the jack's saddle to the designated lift point of the vehicle. The pump arc of the handle will determine how high the jack's lift arm will raise. For example, a full incremental pump stroke of the handle will raise the jack's lift arm higher than if it is a partial pump stroke. It is important to realize the importance of the jack's saddle coming in contact with the designated vehicle lift point. Therefore, it might be necessary to make partial incremental pump strokes so the saddle is guaranteed to make contact with the intended vehicle lift point.

Raising the vehicle

1. Chock the vehicle wheels that will not be lifted off the ground. Turn the vehicle engine off and make sure the transmission is in Park or in gear, ensure the emergency brake is applied before lifting the vehicle.
2. Check the vehicle Owner's Manual or consult the vehicle manufacturer for the vehicles designated lift points.
3. Disengage the handle locking lever so the handle can be manually pumped.
4. Position the jack under the vehicle and pump the jack manually so the jacks saddle is close to the designated lift point. It may be necessary to manoeuvre the jack to guarantee the jack's saddle is centred with the vehicle's lift point.
5. Once the saddle and lift point are properly aligned, continue to operate the jack until the saddle makes contact with the load. Continue to raise the load to the desired work height and immediately place jack stands at support points under the vehicle.
6. Raise the jack stand support columns as close to the vehicle support points as possible and make sure the columns are locked in position and the vehicle is not resting on the support column saddle locating lugs.
7. Slowly lower the jack arm until the vehicle is supported by the jack stands and ensure the setup is stable. If the setup does not appear stable, raise the vehicle and adjust the jack stands until load appears stable.
8. Lock the handle in any available position so it cannot be pumped.

Lowering the vehicle

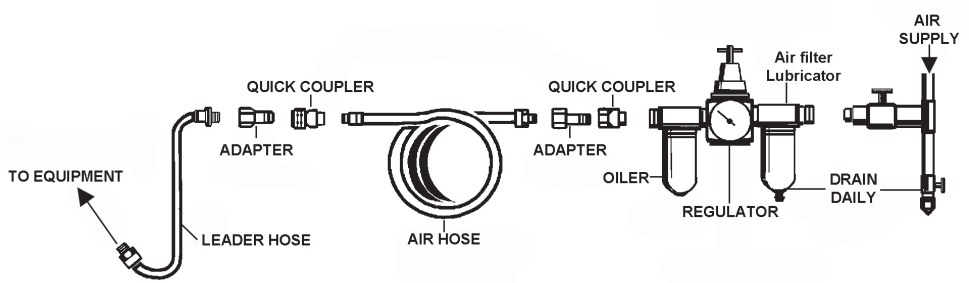
1. Disengage the handle locking lever so the handle can be manually pumped.
2. Position the jack under the vehicle and pump the jack manually so the jack saddle is close to the designated lift point.
3. Once the saddle and lift point are properly aligned, continue to operate the jack until the vehicle is lifted of the jack stand saddles.
4. Remove the jack stands from underneath the vehicle and lower the jack until it clears the vehicle and can be removed.

6. AIR SUPPLY

You will require an air pressure of at least 110psi to get the best performance from this jack.

⚠ WARNING

Ensure the air supply does not exceed 120psi while operating the jack. Too high an air pressure and unclean air will shorten the products life due to excessive wear, and may be dangerous causing possible damage and personal injury.
Drain the air tank daily. Water in the air line will damage the jack.
Clean the air hose between the compressor and the jack. Keep the air hose as short as possible and install an air filter and oiler.
Line pressure should be increased to compensate for unusually long air hoses (over 8 metres). The minimum hose diameter should be 3/8" I.D. and fittings must have the same inside dimensions.
Keep the hose away from heat, oil and sharp edges. Check hoses for wear and make certain that all connections are secure.



7. PREVENTATIVE MAINTENANCE

⚠ WARNING

This is the safety alert symbol used for the PREVENTATIVE MAINTENANCE section of this manual to alert you to potential personal injury hazards. Obey all instructions to avoid possible injury or death.

1. The jack owner should develop a maintenance schedule based on the jack usage and shop environment.
2. The jack shall not be stored out in the open or exposed to inclement weather.
3. Any jack showing signs of rust or corrosion will not be eligible for warranty consideration.
4. The jack owner is responsible for keeping jack warnings legible and the owner's manual in a common place for all users to see.
5. Inspect the jack before each use to make sure there are no loose or missing parts, no hydraulic leaks and the jack performs as expected. In any adverse conditions, immediately remove the jack from service until repaired.
6. The jack must be lubricated periodically at all external moving points, including lift arm, guide arms, wheels and caster wheels making sure they function as intended. Do not lubricate any external hydraulic components. Any jack components not properly lubricated will not be eligible for warranty consideration.
7. It should not be necessary to fill the jack's reservoir with hydraulic fluid unless the jack has been reconditioned. Any jack having an external leak should be repaired at an authorised service centre and then filled with a non-detergent 22 viscosity rating hydraulic jack oil.

Air bleeding after oil replacement or adding oil is necessary, follow the air bleeding instructions below:

a. Remove the cover plate and use a Phillips head screwdriver to loosen the fill screw on the pump assembly (#2).

b. Very lightly pump the handle while observing the oil in the reservoir. If you see bubbles while pumping, then the jack will need to be bled of air, in the system. Continue to pump the handle gently until no more bubbles are seen in the reservoir (you may need to add a little more oil during this process to keep the oil level full).

c. Insert the oil fill screw back into the hole and then turn it clockwise until it is tight. Pump the jack with normal full strokes until the lift arm reaches its maximum height. Pull up on the release lever to lower the lift arm.

d. Replace cover plate.

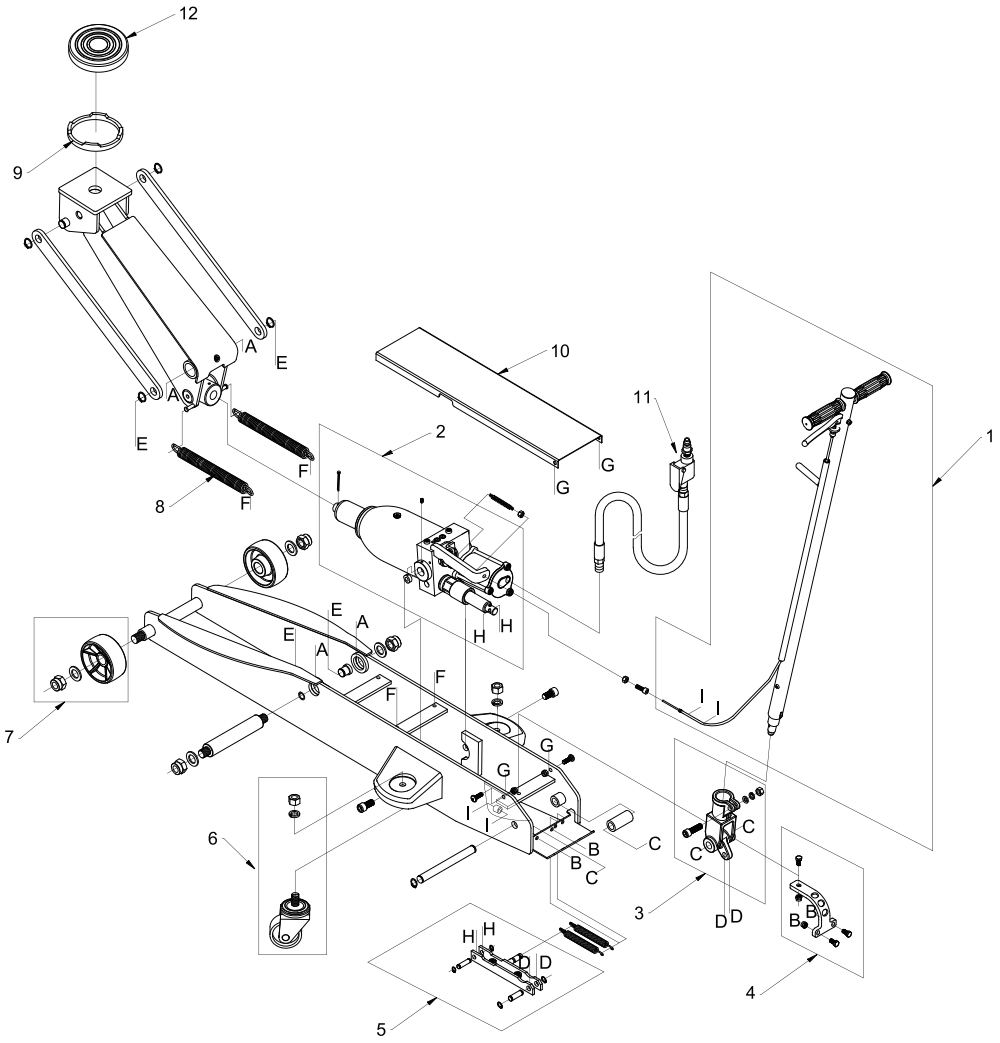
8. TROUBLESHOOTING

Important: Service jacks are self-contained devices used for lifting, but not sustaining, a partial vehicular load.

SYMPTOM	POSSIBLE CAUSE	REMEDY
Will not lift or hold a load	Release valve is not seating	Check connection of valve from handle to pump assembly
	Air Trapped in hydraulic system	Follow step 7 under SETUP
	Load more than rated capacity of jack	Use larger capacity jack
Will not lift to maximum height	Air trapped in hydraulic system	Follow step 7 under SETUP
	External hydraulic oil leak	Replace seals and add correct amount of oil
Will not lower all the way down without load	Mechanical restriction	Inspect for bent or deformed components and repair or replace accordingly
	No lubrication in movable parts	Fully lubricate all moving parts involving the action of the lift arm and associated linkages

9. Exploded View and Parts List

9.1 The Whole Machine



Part List

NO.	DESCRIPTION	Q'TY
1	Handle Assembly	1
2	Pump Assembly	1
3	Handle Socket	1
4	Handle Location Seat	1
5	Connection	1
6	Rear Caster	2
7	Front Wheel	2
8	Spring	2
9	Saddle	1
10	Tools Tray	1
11	Air Hose	1

SGS Engineering (UK) Ltd
Unit 1 West Side Park
Raynesway
Derby, DE21 7AZ

EC Declaration of Conformity

This is an important document and should be retained

MANUFACTURER'S NAME: SGS Engineering (UK) Ltd

TYPE OF EQUIPMENT: Trolley Jack

PART NUMBER: TJ6T.2

APPLICATION OF EC COUNCIL DIRECTIVES / STANDARD:

Machinery Directive: 2006/42/EC
EN ISO 12100:2010
EN 1493:2000

I, the undersigned, hereby declare that the equipment specified above conforms to the above European Communities Directive(s) and Standard(s).

PLACE: Derby, UK

DATE: 14th November 2025

(Signature)

Neil Sansom
CEO

CE