QUALITY GUARANTEE & WARRANTY

SENATOR TOOLS carry a one year manufacturer's warranty.

SENATOR TOOLS are designed & manufactured to the highest standards & specifications.

Assuring the quality and performance required by all sectors of industry.

SENATOR TOOLS are fully guaranteed against faulty materials & workmanship.

Should they be found to be defective, they will either be repaired or replaced free of charge (fair wear and tear and/or misuse excepted).

Please retain supplier invoice as proof of purchase.

E C MACHINERY DIRECTIVE 2006/42/EC

DECLARATION OF CONFORMITY

We hereby certify that KENNEDY 3 TONNE HYDRAULIC TROLLEY JACK Model STJ410 complies with all the relevant provisions of the EC Directive 2006/42/EC (The Machinery Directive of the Council of European Communities)

Harmonised Standards Applied: EN 1494/A1:2008

Manufactured for

SENATOR TOOLS

Wigston, Leicester, England, LE18 2FS.

Signed:

Date: 1st December 2017

Name: Keith Read

Position: HSQE Manager.

CE

AVAILABLE FROM YOUR DISTRIBUTOR

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SENATOR
QUALITY TOOLING

3-TONNE HYDRAULIC TROLLEY JACK

MODEL:
STJ410

ORDER CODE:
SEN-503-6360K



CE

WARNING: THE SAFETY INFORMATION GIVEN INSIDE MUST BE READ AND UNDERSTOOD BY ANY PERSON USING, INSTALLING, REPAIRING OR MAINTAINING THESE PRODUCTS.

OPERATOR'S MANUAL

Please retain this information for future reference.

OPERATING INSTRUCTIONS

CAUTION! Keep hands or feet away from the hinge mechanism of the trolley jack.

Bleed the hydraulic system of air before using the jack for the first time.

1. To engage piston pressure, fit the pump handle onto the release valve and turn it clockwise until it can no longer be turned.
2. Position the Jack under the vehicle so that the lifting plate will be centred on a specified jacking point.
3. Insert the pump handle into the piston assembly & pump the handle to raise the load.
4. Once the load has been raised to the required height, use an additional support (i.e. correctly rated stands) before continuing work.
5. To lower the vehicle, remove the additional supports. Insert the pump handle into the release valve & turn it anti-clockwise no more than one complete turn. The speed at which the vehicle is lowered can be controlled by how quickly the release valve is turned.

REFILLING THE OIL RESERVOIR

1. The jack's piston should be in the lowest position.
2. Lift off the cover plate for stopper location.
3. Remove the rubber stopper from the cylinder housing. Using hydraulic oil **ISO VG.22.32**, fill so that the inner cylinder is covered (if not visible the oil level is correct).
4. Bleed the hydraulic system of air.

BLEEDING THE SYSTEM

1. Using the pump handle turn the release valve anti-clockwise no more than one complete turn.
2. Remove the rubber oil stopper form the cylinder housing.
3. Insert the pump handle into the piston assembly & pump the handle several times to force out any air.
4. Turn the release valve clockwise until it can no longer be turned.
5. Replace the rubber stopper.

SPARES

For spare parts or servicing please contact your nearest agent. Remember to quote tool model number and spare part number when ordering spares. The use of other than genuine Senator replacement parts may result in safety hazards, decreased tool performance and increased maintenance. When disposing of components, etc. ensure that relevant environmental procedures are carried out.

Seal repair kit: SEN-567-0500K

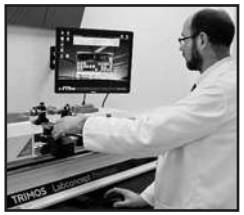
FAULT FINDER		SOLUTIONS					
		The release valve is not closed. Turn the valve clockwise tightly.	*Low on oil. Refill the jack to the correct level or oil.*	*Pump seals and back-up ring are defective. Clean oil passages, replace seals and renew oil. (Must be serviced by qualified service centre).*	*The hydraulic system is filled with air. Open the release valve, pump handle rapidly to purge air, close release valve.*	*Return spring is broken or linkages binding. Replace spring if broken. Grease pivot shaft, oil all lift arm linkages.*	*Discharge ball is not sealing hydraulic system and oil may be dirty. Manually flush hydraulic system by arm by opening the release valve. (Manually raise and lower lift arm).*
COMMON FAULTS	*Jack will not lift load.*	●	●	●			
	Jack will not hold load or handle rises.						●
	Jack will not lift to its full height.		●		●		
	Jack will not lower completely.					●	
	Jack will not lift smoothly or jack feels spongy.				●		

NOTES

SERVICE & REPAIRS

A comprehensive repair and service facility is available through your local Kobe agent.





SENATOR Trolley Jacks are designed to help you work safely and efficiently. Lifting equipment can be dangerous if the correct operating and maintenance procedures are not followed. Operating instructions and basic safety procedures are as follows:

SAFETY GUIDELINES

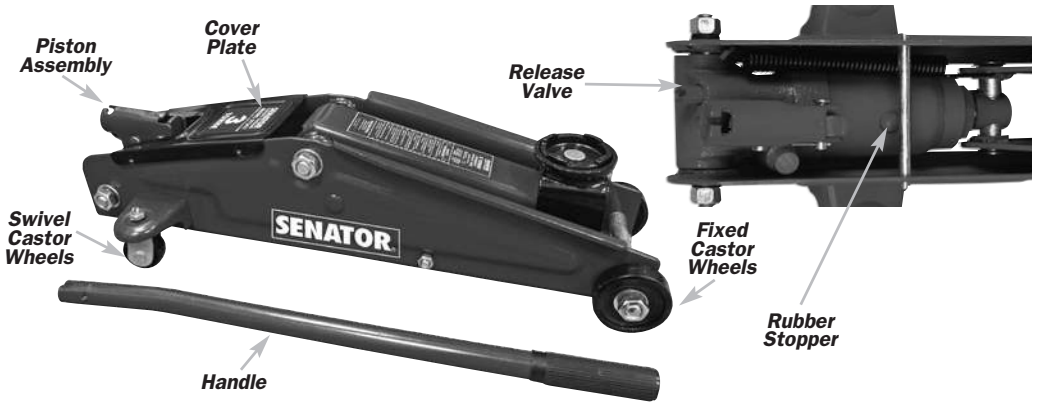
- Read, study and understand all warnings and operating instructions before use.
- This jack is designed for use only on hard, level surfaces capable of sustaining the load.
- Never exceed the rated load capacity or tamper with the factory set overload valve.
- Always use on specified jacking points, on a level surface and with a solid foundation.
- Always engage the handbrake before the vehicle is lifted to prevent wheel movement.
- Centre load on jack saddle before lifting.
- Always work under a lifted load with an additional means of support i.e. correctly rated axle stands. This is a lifting device only.
- Never lift a car when somebody is under it.
- Never modify the jack in any way.
- Keep clothing and body parts clear of the jack hinge and ground contact area when lifting or lowering the load.
- Failure to heed these warnings may result in personal injury and/or property damage.



CAPACITIES

Model Number	Max Load (Kg/Tonne)	Min Height (mm)	Max Height (mm)	Weight (Kg)	Order Code **SEN-503**
STJ330	2,000/2	135	330	8.5	**-6320K**
STJ410	3,000/3	130	410	15.84	**-6360K**

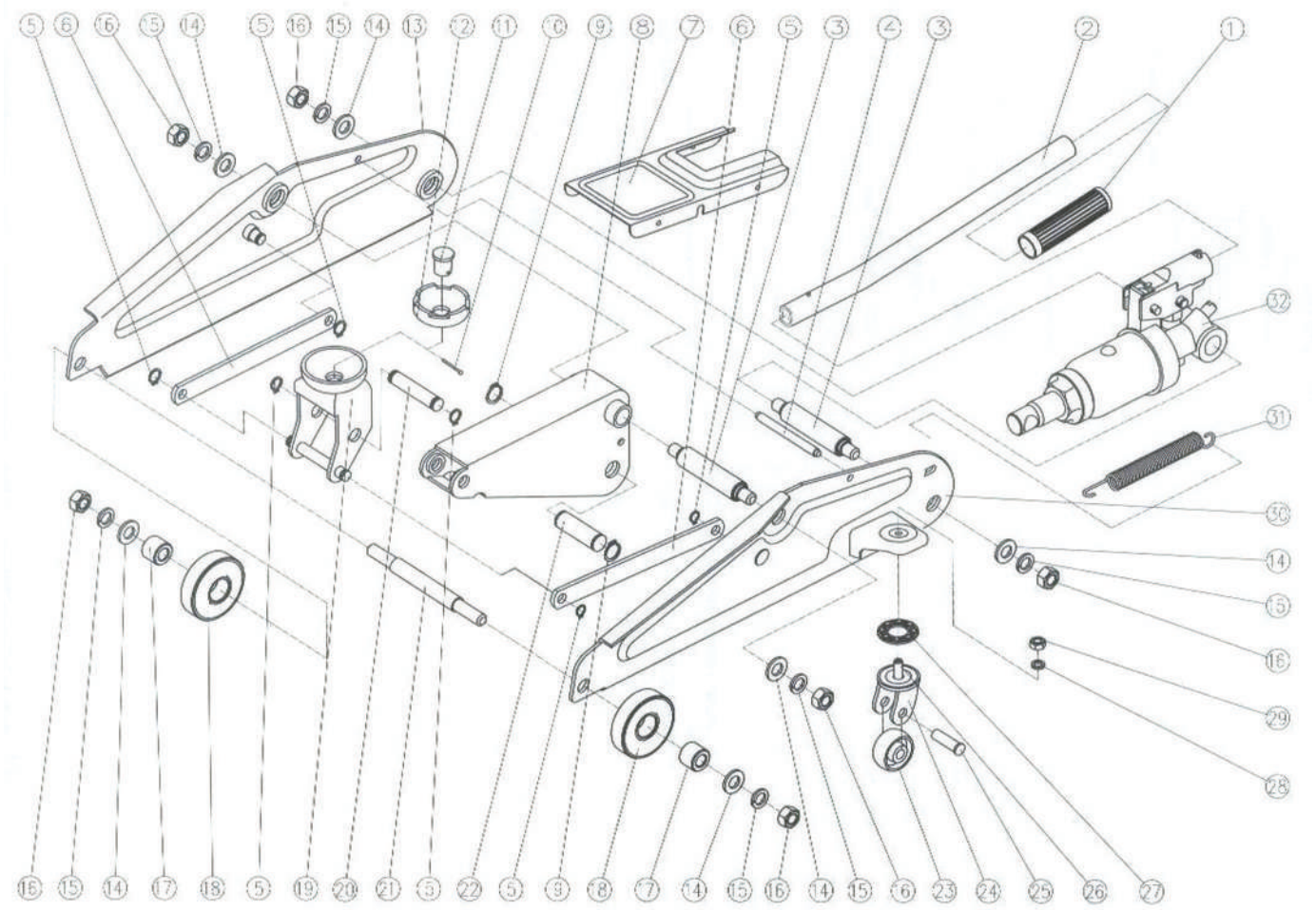
IDENTIFICATION



SPECIFICATIONS

Model number **STJ410**
Order code SEN-503-6360K
Maximum load 3000KG
Minimum height 130mm
Maximum height 410mm
Dimensions ..... 280(H) x 630(W) x 160(D)mm
Net Weight 15.84kg

PARTS BREAKDOWN



1 Cap	**10** Pin saddle	**19** Mount, Saddle	**28** Lock Washer
2 Handle	**11** Washer	**20** Pin, Mount Saddle	**29** Nut
3 Anchor Bolt	**12** Saddle - A	**21** Spindle Front Wheel	**30** Side member, Left
4 Spindle side member	**13** Side Member, Right	**22** Cross Head Pin	**31** Return Spring
5 Retaining Ring	**14** Flat Washer	**23** Caster Wheel	**32** Hydraulic Uni Assembly
6 Radius Link	**15** Spring Washer	**24** Fork, Caster Wheel	**33** Spindle, lifting arm
7 Cover Plate	**16** Nut	**25** Spindle, Caster Wheel	
8 Lifting Arm	**17** Spacer Front Wheel	**26** Bolt, Caster Wheel	
9 Retaining Ring	**18** Front Wheel	**27** Steel ball bearing	

PLEASE NOTE: that the above parts breakdown is for information purposes only and the parts are not available as individual items from Cromwell.