

Clanlike® STRONG-ARM



STRUT SPRING COMPRESSOR MODEL No: SSC1000

Part No: 7630066

USER INSTRUCTIONS

0906



SPECIFICATIONS

Spring Rating Max.	1000kg
Spring Size	102 - 254mm /4in-10in
Max. Working Length	550mm
Jacking Height (Ram Stroke)	340mm
Dimensions	553x495x1185mm
Weight	31.5kg



Thank you for purchasing this CLARKE Coil Spring Compressor, designed for use by qualified tradesmen ONLY.

Please read this instruction leaflet thoroughly before use to ensure it is used correctly and that all safety precautions are observed.

GUARANTEE

This CLARKE product is guaranteed against faulty manufacture for a period of 12 months from the date of purchase. Please keep your receipt as proof of purchase. This guarantee is invalid if the product is found to have been abused or tampered with in any way, or not used for the purpose for which it was intended.

Faulty goods should be returned to their place of purchase, no product can be returned to us without prior permission.

This guarantee does not effect your statutory rights.

SAFETY PRECAUTIONS

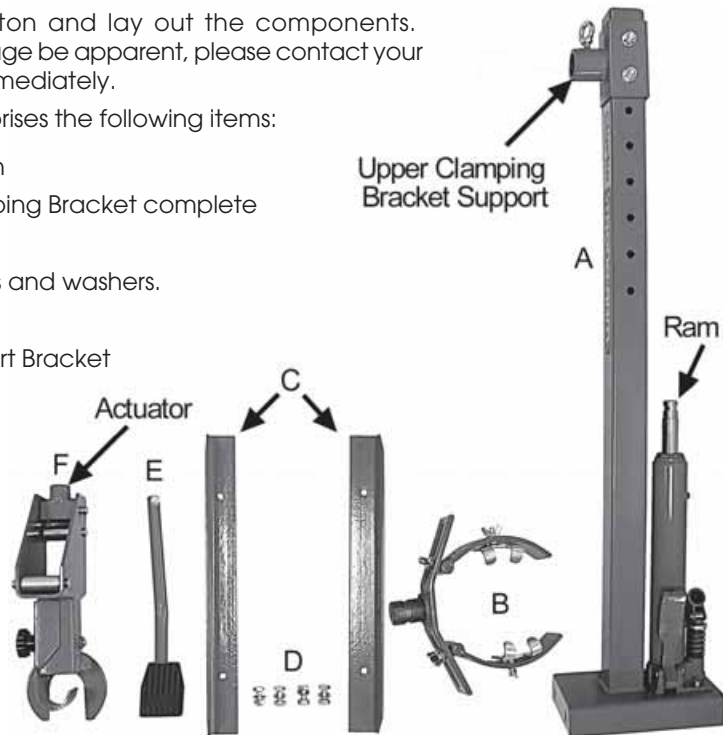
- The Coil Spring Compressor should be securely fixed to the workshop floor, using proper foundation bolts - NOT supplied.
- **ONLY** qualified mechanics/technicians should use this equipment.
- **ALWAYS** inspect before use. **DO NOT** use if components are damaged in any way, or if the hydraulic ram is leaking.
- **ALWAYS** keep hands clear of moving parts.
- **ALWAYS** wear safety goggles, manufactured to the latest European safety standards. Everyday glasses do not have impact resistant lenses, they are NOT safety glasses.
- **ALWAYS** keep work area clean. Cluttered areas and benches invite accidents.
- **ALWAYS** ensure that adequate lighting is available. A minimum intensity of 300 lux should be provided. Ensure the lighting is placed so you will not be working in your own shadow.
- **ALWAYS** concentrate on the job at hand, no matter how trivial it may seem. Be aware that accidents are caused by carelessness due to familiarity.
- **DO NOT** use if under the influence of alcohol or drugs.
- **DO NOT** make any modifications to this equipment.
- Should repairs be necessary, ensure they are carried out by a qualified technician, and that all parts are those supplied by CLARKE International. A failure to observe these precautions will invalidate the guarantee.

ASSEMBLY

Unpack the carton and lay out the components.
Should any damage be apparent, please contact your
Clarke dealer immediately.

The carton comprises the following items:

- A Main Column
- B Upper Clamping Bracket complete
- C 2 x Feet
- D 4 x Nuts, Bolts and washers.
- E Foot Pedal
- F Lower Support Bracket



1. Bolt on the two feet using the four nuts, bolts and washers provided.
2. Raise the column on to its feet, then remove the two bolts securing the Upper Clamping Bracket Support, and pull it off the column.
3. Lower the Lower Support Bracket (F) on the column so that the Actuator makes contact with the Ram.
Ensure the Hex. socket head grub screw in the Actuator is screwed out sufficient for the actuator to bottom out on the ram, then tighten the grub screw.
4. Replace the Upper Clamping Bracket Support and tighten the nuts (see Method of Operation).
5. Insert the pedal into the receptacle on the Hydraulic Ram and secure with the bolt provided.
6. Unscrew the ring bolt in the Upper Clamping Bracket Support and insert the Upper Clamping Bracket. Screw in the ring bolt to secure the Clamping Bracket.

We Strongly recommend that the assembly is bolted to the workshop floor for maximum stability. This should be done using proper foundation bolts.

Your Coil Spring Compressor is now ready for use.

METHOD OF USE

1. Lower the ram to its lowest position by pressing and holding down pedal 'C'.

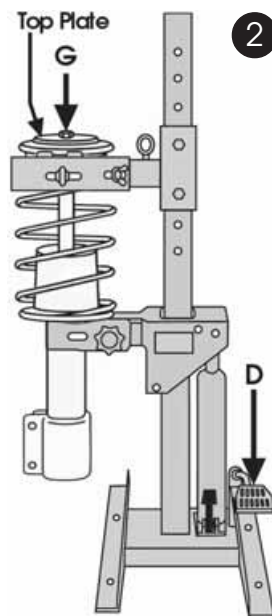
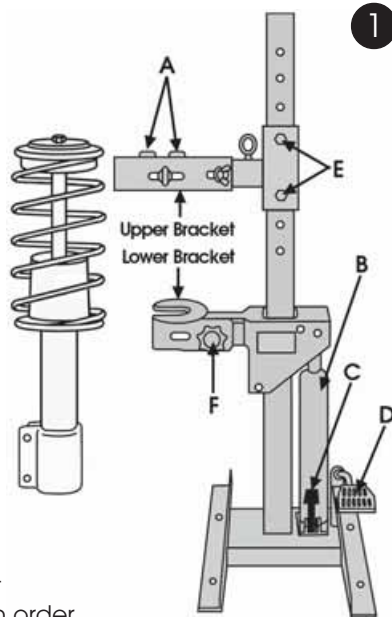
Hinge the upper brackets back,

2. Slide the strut of the spring assembly into the lower bracket and clamp using the facility provided and knob 'F'. Do not overtighten - it should be firm only.
3. Position the Upper Bracket so that the two clamps 'A' fit snugly and squarely around the spring coils, as near to the top of the assembly as possible.

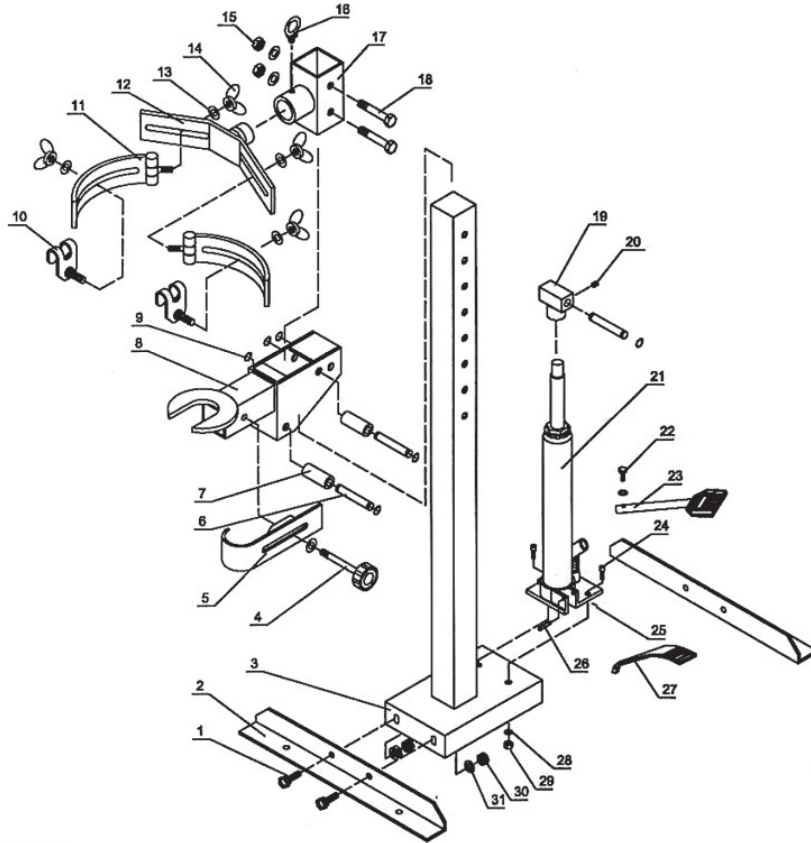
It may be necessary to remove the two bolts securing the upper bracket assembly 'E', and slide the bracket up or down by the appropriate amount in order to locate the clamps 'A' correctly. Ensure the bolts 'E' are tightened before proceeding.

Sufficient adjustment to the upper bracket components is provided, in all directions, in order to ensure the clamps sit squarely and snugly on the spring coils. Ensure all wing nuts and adjusters are finger tight only...DO NOT fully tighten.

4. Once secured, pump the lever 'D', until pressure on the shock absorber securing nut 'G' is completely relieved, detected when the nut turns easily. **WARNING!** DO NOT undo the nut until this condition exists.
5. With the nut removed, pull off the top plate.
6. With the top plate removed, carefully and gently press lever 'C' to allow the spring to fully reassert. When all pressure on the spring is relieved, undo all upper bracket constraints and remove the spring.
7. Support the shock absorber whilst undoing the lower bracket constraint using knob F. The shock absorber may then be withdrawn.
8. Reassembly is in reverse order



COMPONENTS



No.	Description	Qty	Part No.	No.	Description	Qty	Part No.
1	Bolt	4	JHCHT45401	17	Upper Strut Support	1	JHCHT45417
2	Bracket	2	JHCHT45402	16	Bolt	2	JHCHT45418
3	Upright	1	JHCHT45403	19	Saddle	1	JHCHT45419
4	Screw Rod	1	JHCHT45404	20	Screw	11	JHCHT45420
5	Adj. Strut Shaft Clasp	1	JHCHT45405	21	Bottle Jack	1	JHCHT45421
6	Handle Sleeve	3	JHCHT45406	22	Bolt	1	JHCHT45422
7	Bushing	2	JHCHT45407	23	Lift Foot Pedal	1	JHCHT45423
8	Lower Strut	1	JHCHT45408	24	Bolt	2	JHCHT45424
9	Retaining Ring	6	JHCHT45409	25	R-pin	1	JHCHT45425
10	Spring Clasp	2	JHCHT45410	26	Pin	1	JHCHT45426
11	Spring Clasp Holder	2	JHCHT45411	27	Release Foot Pedal	1	JHCHT45427
12	Spring Clasp Bracket	1	JHCHT45412	28	Washer	3	JHCHT45428
13	Washer	7	JHCHT45413	29	Nut	2	JHCHT45429
14	Fly Nut	4	JHCHT45414	30	Nut	4	JHCHT45430
15	Nut	2	JHCHT45415	31	Washer	4	JHCHT45431
16	Screw Ring	1	JHCHT45416				

MAINTENANCE

Maintenance is limited to inspecting before each use to ensure all parts are secure and completely undamaged.

Maintain the unit in a clean condition at all times and ensure there is no distortion of components.

Inspect the ram to ensure there is no leakage. Should any be apparent, remove the unit from service and have the ram repaired by Clarke International or a reputable qualified service agent.

NOTE: A very slight seepage is acceptable. At Monthly intervals, remove the Oil Level Plug in the ram cylinder and check to ensure the oil level is correct. If necessary, top up using CLARKE hydraulic oil so that oil is level with the hole.

When not in use, the unit must be stored (if necessary) in a cool dry environment, with the ram in the fully retracted position.

A light lubrication of the column will assist in providing smooth operation when raising, lowering the ram.

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