

VEVOR[®]

TOUGH TOOLS, HALF PRICE

Technical Support and E-Warranty Certificate www.vevor.com/support

STRUT SPRING COMPRESSOR

MODEL:YH-13

We continue to be committed to provide you tools with competitive price.

"Save Half", "Half Price" or any other similar expressions used by us only represents an estimate of savings you might benefit from buying certain tools with us compared to the major top brands and does not necessarily mean to cover all categories of tools offered by us. You are kindly reminded to verify carefully when you are placing an order with us if you are actually saving half in comparison with the top major brands.

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NEED HELP? CONTACT US!

Have product questions? Need technical support? Please feel free to contact us: **Technical Support and E-Warranty Certificate**
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This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.

IMPORTANT SAFEGUARDS

	Danger! Read the operating instructions to reduce the risk of inquiry.
	WARNING! This symbol, placed before a safety comment, indicates a kind of precaution, warning, or danger. Ignoring this warning may lead to an accident.
	Caution! Wear safety goggles. Sparks generated during working or splinters, chips, and dust emitted by the device can cause loss of sight.
	Caution! Wear gloves. When using this product, please wear gloves for security.



General safety information

Please read and store these instructions carefully before commissioning. If the device is shared with the user, pass it on.

The manufacturer is not liable for personal injury/property damage caused by use or incorrect operation.

SAFETY WARNINGS AND PRECAUTIONS

1. KEEP WORK AREA CLEAN AND DRY.

Cluttered, damp or wet work areas invite injuries.

2. KEEP CHILDREN AWAY FROM WORK AREA.

Do not allow children to use this product.

3. STORE IDLE EQUIPMENT.

When not in use, tools and equipment should be stored in a dry location to inhibit rust. Always lock up tools and equipment and keep them out of reach of children.

4. DO NOT USE THIS PRODUCT IF UNDER THE INFLUENCE OF ALCOHOL OR DRUGS.

Read warning labels on prescriptions to determine if your judgment or

reflexes are impaired while taking drugs. If there is any doubt, do not attempt to use this product.

5. DRESS SAFELY.

Non-skid footwear or safety shoes should be used when working with this product. Do not wear loose clothing or jewelry as they can become caught in moving parts. Wear a protective hair covering to prevent long hair from becoming caught in moving parts. If wearing a long-sleeve shirt, roll sleeves up above elbows.

6. DO NOT OVERREACH.

Keep proper footing and balance at all times to prevent tripping, falling, back injury, etc.

7. STAY ALERT.

Watch what you are doing at all times. Use common sense. Do not use this product when you are tired or distracted from the job at hand.

8. CHECK FOR DAMAGED PARTS.

Before using this product, carefully check that it will operate properly and perform its intended function. Check for damaged parts and any other conditions that may affect the operation of this product. Replace or repair damaged or worn parts immediately.

9. REPLACEMENT PARTS AND ACCESSORIES.

When servicing, use only identical replacement parts. Only use accessories intended for this product. Approved accessories are available from distributor.

10. MAINTAIN THIS PRODUCT WITH CARE.

Keep this tool clean and dry for better and safer performance.

11. MAINTENANCE:

For your safety, service and maintenance should be performed regularly by a qualified technician.

12. USE THE RIGHT PRODUCT FOR THE RIGHT JOB.

There are certain applications for which this product was designed. Do not use small equipment, tools or attachments to do the work of larger








industrial equipment, tools or attachments. Do not use this product for a purpose for which it was not intended.





SAVE THESE INSTRUCTIONS

Product Parameters

Compression Range	320 mm
Small Spring Clasp Range	φ110-φ130 mm
Big Spring Clasp Range	φ140-φ170 mm
Color	Red

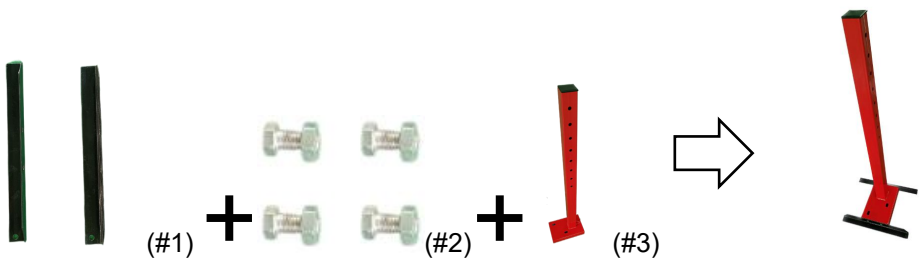
PARTS LIST

Part #	Picture	Description	Qty
1		Foot Bracket	2
2		Screw M10*15 & Nut M10	4
3		Column	1
4		Jack	1
5		Pedal	1
6		Sliding Block	1
7		Screw M12*80 & Nut M12	2

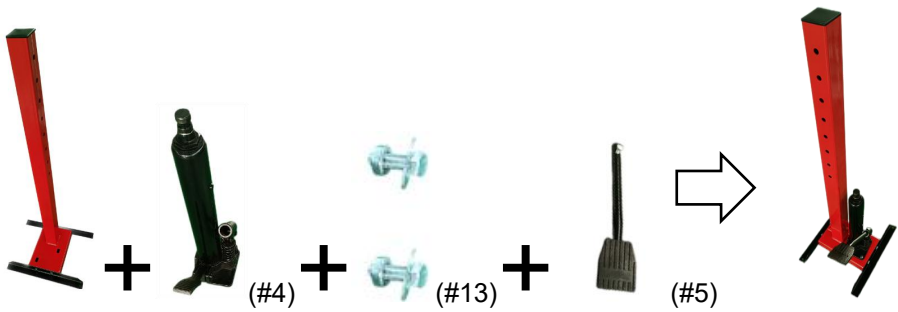
8		Screw M8*60 & Nut M8	1
9		Upper Slider	1
10		Chain	1
11		Big Spring Clasp	2
12		Small Spring Clasp	2
13		Screw M8*25 & Plain Washer & Nut M8	2
14		Screw M10*60 & Nut M8	2

Assemble Strut Spring Compressor:

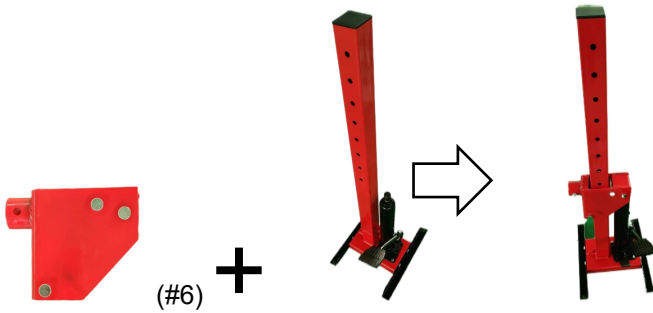
1、Step 1.



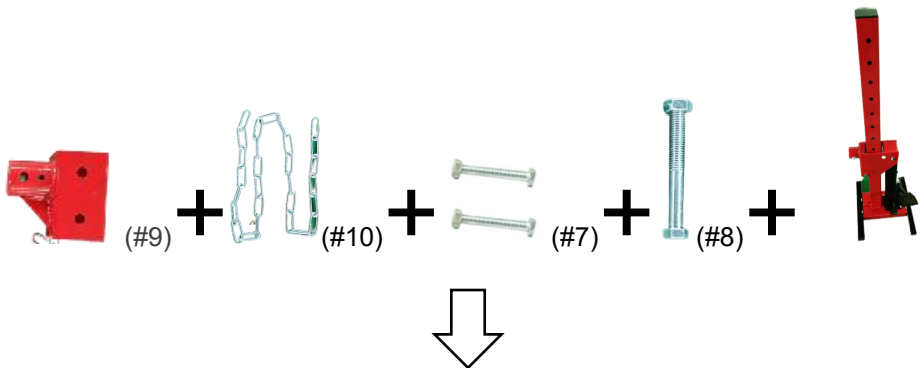
2、 Step 2.



3、 Step 3.

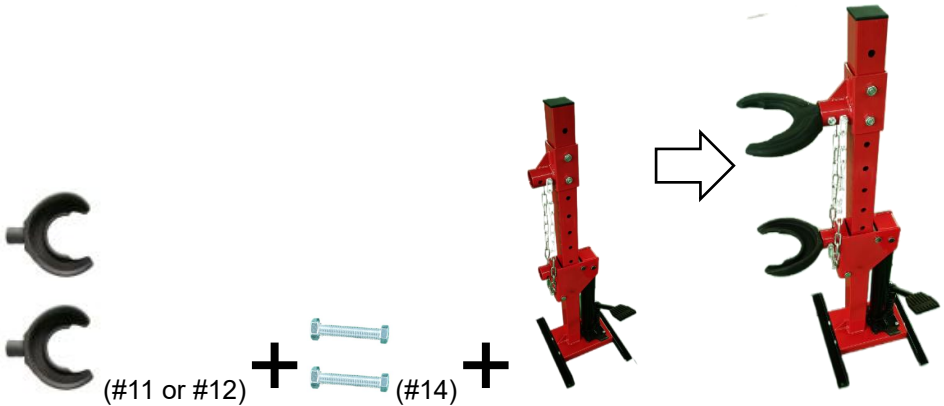


4、 Step 4.



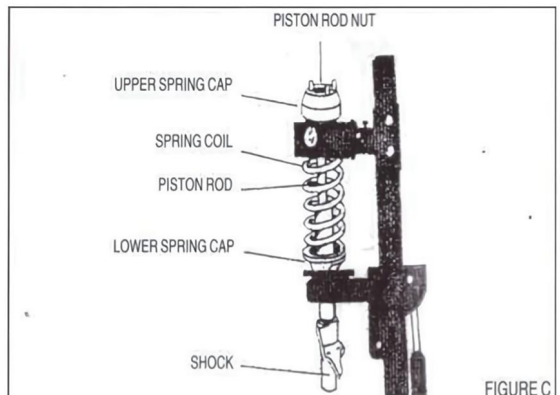


5、 Step 5.



Secure Vehicle's Strut Assembly onto Strut Spring Compressor:

1. NOTE: For the purpose of this manual, it is assumed that this tool will be used to remove a Strut Spring from a generic type of Strut Assembly previously removed from a vehicle.



2. Loosen the Piston Rod Nut on top of the Shock one turn. BUT DO NOT REMOVE IT.

Caution: The Spring has a considerable amount of energy stored in it. Do not, under any circumstances, remove the Piston Rod Nut without first compressing the spring. If you do not compress the spring first, the Piston Rod Nut and the Shock will fly off at a high speed, which may cause serious personal injury. De-grease the spring to be compressed. Never attempt to compress a dirty spring.

3. Make sure you have the proper size Spring Clasp (#11 or #12) for the Spring.

4. Depress the Discharge Pedal and lower the Ram (# 5) in its lowest position.

5. Insert the lowest portion of the vehicle's Shock into the spring clasp (#11 or #12).

6. Make sure the vehicle's Lower Spring Cap is resting on the top surface of the Lower Strut Support.

7. Observe the approximate height at which the top coil of the vehicle's Spring reaches.

Then temporarily remove the vehicle Strut Assembly from the Strut Spring Compressor.

While holding the Big Spring Clasp (#11) in place, remove the two Bolts and Nuts (#7) which secure the Upper Strut Support (#3) in position.

8. Then slide the Upper Strut Support (#3) and its attached Big Spring Clasp (#11) up or down along the Upright (#3) until the Big Spring Clasp is at about the same height as the top coil of the vehicle's Spring in the previous step above.

Once the desired height of the Big Spring Clasp (#11) is reached, secure the Upper Strut.

9. Support (#3) and its attached Big Spring Clasp on the Upright (#3) by re-inserting and wrench tightening the two Bolts and Nuts (#7) into the holes in the Upper Strut Support and Upright.

10. Then re-position the vehicle Strut Assembly onto the Strut Spring Compressor, following the instructions of Step 6 above.

11. Once the vehicle's Strut Assembly is placed on the Strut Spring Compressor, make the recessed Spring Clasp (#11) fully contact the furthest top and bottom spring coils within the Strut assembly.

12. Next, slowly pump the Foot Pedal (#5) to raise the entire vehicle's Strut Assembly until the Spring Clasp (#11) fully encircle the back, right, and left sides of the vehicles' top spring coil. Also make sure the bottom edge of the vehicle's Upper Spring Cap is resting on the top edge of the Spring Clasp (#11).

13. Check to make sure that both the top and bottom of the vehicle's Strut Assembly is firmly secured in place.

Compress Vehicle's Spring.

Remove and Replace Strut Assembly Parts:

1. Once the vehicle's Strut Assembly is firmly secured onto the Strut Spring Compressor, slowly pump the Foot Pedal (#5) to compress the vehicle's Spring.

2. When the vehicle's Spring has been compressed, unscrew and remove the vehicle's Piston Rod Nut on the Shock.

3. Next, slowly depress the Discharge Pedal to lower the Ram(#4) all the way down and release the load on the Strut Spring Compressor.

4. The vehicle's Strut Assembly can now be removed from the Strut Spring Compressor in order to replace the vehicle's Strut Assembly parts (i.e., Upper Spring Cap, Spring, Lower Spring Cap, Shock, Shock Cap, etc.)

Reassemble Vehicle's Strut Assembly Parts:

1. With the exception of the vehicle's Upper Spring Cap and Piston Rod Nut, reassemble the vehicle's remaining Strut Assembly parts.

2. Next, follow the Steps previously discussed in this manual to secure the vehicle's Strut Assembly onto the Strut Spring Compressor and to compress the vehicle's Spring.

3. When the vehicle's Spring has been compressed, place the vehicle's Upper Spring Cap in the top coil of the spring. Next, secure the Upper Spring Cap to the vehicle's Strut Assembly by wrench tightening the Piston Rod Nut onto the Piston Rod.

4. Next, slowly depress the Discharge Pedal to lower the Ram (#4) all the way down and release the load on the Strut Spring Compressor.

5. The vehicle's repaired Strut Assembly can now be removed from the Strut

Spring Compressor.

Wrap a chain around the spring to prevent it from flying out.



Caution:



The two parts
are too close
together.

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