# Locking up the stubborn coil with the best strut spring compressor

## Introduction

A fine grip to your jeep and a smoother ride on a bizarre road is secured by a revolutionary system named the “Suspension” of an automobile. Often this system is leveled down due to shock damages and deterioration of the components. To ensure a proper substitution without any harm, we need to look up for the best strut spring compressor available.

Basically, it is often thought that the accuracy of a car is measured by its speed range and its engine powers. But to be precise if we don’t know how to manipulate the speed and make it go well, then this power system is worthless. So enlightening the necessity of a suspension and how it should be regulated with a better choice of compressors.

Using low graded compact machine can be a life threatened activity. So we really need to be specified which one is the safest one, affordable one and work efficient one.

## What is a strut spring compressor?

The suspension system in every car is a vital part and allows you to have a less bumpy ride. Consequently, we are not agitated about riding a car. Else it would have been one of the disturbing things to handle.

There are two segments that work on a suspension system and one of them is the strut spring mechanism. The strut is comprised of a piston and a highly durable coil. The bumpy roads form a great amount of force on the car and as a result, the direction of the car is disrupted. To nullify the unnecessary forces other than the forward acceleration we use the struts.

What the struts do is simply while receiving outer force it moves its coils and thus the force is converted or most likely cancels outs it. As a result, you get an even grip on your car and nothing holds you back to go forth. The coils are made strong so that the shocks get absorbed easily. Else if it had low potential energy capacity then it would have been harder to maintain the steering. In other words, it would have been a failed project.

This heavy-duty coils are not easy to compress. That is why we need capable compressors to act well while repairing the piston. If the compressors have lower grips to the coils then the high potential energy that is restored while compressing might get unleased. This can cause a deathly consequence. Hence we need to be careful and sophisticated about choosing the best strut spring compressors.

## Buying guide

Almost every compressor can hold up to a decent amount of energy for the coils and the coil being compressed is a dangerous thing. Some have jaws with built-in pins and some have several shaped hooks to bind the coil wires. A compressing tool is a very simple one consisting of only one or two-rod components to apply on the coil. However, what we need to care about is if It is the one I am looking for. And for this purpose, there are different specifications that will guide you to a smoother road experience.

Therefore this guide will allow you to choose the best reliable and suitable tool to evenly compact or loosen the coils.

### Variance in range

The main visual tool component is the rod and its length basically allows you to apprehend how much large coil tends to be patterned. The wider the rod the amplified possibility of the tool to be operated. In short, you can have a versatile usage of that tool because then you can work with any sizes of spring. In the case of most of the tools, the average operating region is about 12 inches and a few less or more.

Another parameter that we might need to calculate is the more the rod length is possible the more compressing power it can generate. So as a result not all sorts of the ranging rod are suitable for your specified car’s strut coil.

However, we measure the general purposes that can cover the overall needs. So the average 12 inches rod is more favorable.

### Operating screw

After placing the tool in the coil successively, the center screw is adjusted as per the necessity of compression. There are different sized endings and some are hex-shaped, some have a generally shaped screw and many more. So to operate the screws you need to be specific about the wrench that can be used.

There is a difference in wrench diameters that is needed to collaborate with the center functional screw. There is some specification of a tool that works with all kinds of the wrench and there is the sample that can only be operated with impact wrenches.

Other than the wrenches you can easily move the screws with an air gun. This makes the task faster and less painful.

### Double rod or singles?

The tools that have double rod are effective but sometimes it might cause unnecessary bends and disturbance. What we have to do is when we are compressing or loosening the coil we have to do it simultaneously on both sides. The two-rod tool is to be aligned in a 180-degree phase difference so the coil doesn’t get an unusual structure. Still, if the two sides are not operated along with each other than it will give you pains. The tools are needed to be adjusted in the 2nd layer of the coils.

The single ones don’t need to face this problem because all they have is one side attached to the coil and the other is with a forge and screw. Simply a one-way mechanism.

### Safety hooks

In every single toolset, there is a minimal amount of detent pins. Some are built-in detents and others can be customized. In most cases, we find the built-in ones and when the coil is pulled up to a certain level for changing the piston then the pins hold them until the repair work is done. If the pins have lower grips then it is really dissatisfactory.

The shaft is taken off after the pins are tightened. Then the worn off pistol is substituted. Thus you get a brand new suspension system that revs your car up.

### Molded box

The box that is basically the container doesn’t have a specific meaning for most of the brands but some define the size of the hook with the color of the boxes.

## Some of the best products

### ABN 11.5in Strut Spring Compressor Tool

#### Guiding to the cart

Strut spring compressors are highly recommended for safety purposes and the ABN’s compressor tool is a wonderful selection considering that. Holding the high energized springs the compressor simply helps to alter the pistons of the struts.

The toolset comes with two heavy metal made parts. The rod is basically ACME threaded, which enables to hold a significant amount of potential energy. The overall length of the rod is about 11.5 inch including the hex-shaped ending. The maximum opening and to fit the jaws properly the size is approximately 10 to 10.5 inches, which quiets a handy for your specified workstation. There is a pair of brackets in each rod that holds the springs. The brackets have detent pins that lock the spring up to necessity so we easily modify the piston. The safety measurement is highly noticeable.

To operate the compressors it is necessary to have a 13/16 inch wrench having a 1/2 inch extension for proper adjustment. This is a calculative measure as per the constitution of the rod’s hexagon ends. The jaws are of approximate 6-inch diameter to stick the springs. The product weighs almost 8 pounds and has a bountiful positive feedback. This enables a super-fast setup and helps to replace damaged struts. Lubricating the machine will prolong its life also it needs to be stored in less-moistened places. One year warranty is endured.

#### Down points

Despite providing help to the myriad of vehicles, this specification is not suitable for the motorbikes suspension system. The necessary wrench is not included in the toolbox.

<https://www.amazon.com/dp/B00SX5RSA4/>

### OEMTOOLS 25550 MacPherson Strut Spring Compressor

#### Guiding to the cart

For fast work experience, the OEM tools compressor workpieces are quite renowned. This does have a wide range for holding the springs and it is of 9.75 inches for maximum safe opening. The overall length of the instrument is 10.75 inches.

Fully manufactured with steel material it turns out to be sturdy enough to hold a tremendous amount of energy. The whole system is weighed 7.15 pounds and comes with 2 universal spring compressing tools. No wrench or socket is additionally provided with the tools. The adjustment jaws are heavy duty and there are safety pins that ensure the lock system. This is highly rated for being time-efficient. All sort of users, starting from new customers to professionals and the daily basis garage works it is quiet of a choice. Lubricating the center screws with anti-seize compounds are really helpful to maintain its lifetime. As it is made of steel items, so basically it is necessary to keep it in dry places and thus it doesn’t get deteriorated.

OEM strut coil spring compressor is the optimal solution for strut assembly repair. The hooks that are forged are strong enough and consequently, it doesn’t slip much.

#### Down points

Though it has an easy operation process yet the compressor has a problematic feature that is that the compatibility has a lower rate. Basically, it creates health complications sometimes due to its manufacturing elements.

<https://www.amazon.com/dp/B000CMDPLM/?th=1>

### 8MILELAKE Macpherson Strut Spring Compressor

#### Guiding to the cart

The 8Milelake spring tool is comparatively a light weighted tool for your help. It almost weighs about 2.2 pounds and while lubricating the center screw it gets to well function for more times.

The built-in safety pins are compact enough to hold a good amount of pressure. The maximum working stroke for this component is about 12.3 inches. This comes with different colored molded boxes but that really doesn’t vary the inner contents. To fully operate the compressor it is optimal to use a 3/4 inches or 19mm socket. As a result, the grip will be perfectly tightened and it will be less dangerous for causing any problem. The cartridge substitution or the repair of the strut assembly can assist you without any complications. The metal made component is to be stored in care so it doesn’t face any damages.

Hardened steel is it constitutes material and so it shows a great performance regarding holding great loads. They come with some other specific tool adjustments where there are jaws included and to define the sizes of particular needs the molded boxes are color-coded.

#### Down points

The spring tool is basically suitable for specific purposed usage. Not effective for small cars and a variety of automobiles.

<https://www.amazon.com/8MILELAKE-Macpherson-Strut-Spring-Compressor/dp/B016XUXMC8/>

### OEMTOOLS 27035 Coil Spring Compressor

#### Guiding to the cart

The coil spring compressor is weighed 6 pounds and basically, this specification doesn’t have the two rodded working mechanism rather it has a hammer-like outer appearance and a forge to limit the range.

The overall length of the tool is 11.5 inches and with hammer end, the coil is bonded tightly. the lower portion is then fixed with the additional forge. With a wrench then the screw is clockwise fastened to compress the coil. Basically, the necessary drive size is 3/4 inch. The material that the tool’s jaws are made up of is heat tempered medium carbon steel. So basically in all kinds of environment, it is usable and cannot be disturbed by heat appliance.

Branded by OEM and manufactured by Great neck this tool has a different level of durability. Coils are often very compacted and the usage of two rodded compressors might be a difficult one because the coil might get bent. The maximum coil wire diameter it can work on is 0.75 inches. And basically, there is no detent pin included. All we have is a forge to limit the range. This ensures a lifetime warranty and minimal use of grease items that are with anti-seize components can easily build your work efficiency. Thus this product is a great companion for all your cars and light trucks.

#### Down points

This component has some harmful chemical compounds while manufacturing. So this needs o to be taken care of.

<https://www.amazon.com/dp/B003A18KCQ/?th=1>

### Shankly Coil Spring Compressor Tool

#### Guiding to the cart

Shankly has a variant collection of compressors out there in the stores but this specific model has a satisfying outcome with general type design.

This is fully made of steel but has a drop forged enamel body. The whole component is decorated with quality components and so the class is restored. The operating capacity is about 300mm nearly 12 inches. It is dimensioned as 12.3x3.8x3.1 inches in length, width and height accordingly. If we check the outer picture of the tool it is seen that the tool has a double-ended jaw on both rods. While preparing to bind the coil this is to be clear that both ends of the same rod are placed in the 2nd layer of the coil. This is how it will function effectively. Then again while compressing or expanding the coil it needs to done evenly from both sides. Overall this tool has a strong grip comparatively.

Ensures a 90 days guarantee but using anti seized lubrication can make the longevity time more.

#### Down points

This can hold an immense range of power so need some precautionary measure to be ensured. Though it has a satisfactory result with a unique design but not suitable for all-purpose use.

<https://www.amazon.com/Shankly-Coil-Spring-Compressor-Pieces/dp/B01N6L1QA6/>

### XtremepowerUS Auto 10" Coil Spring Compressor

#### Guiding to the cart

The Xtreme power US tool of compression is dimensioned as 12.4x3.6x2.9 inches. Most interestingly being a sturdy working component this still has a remarkable lightweight and is about only 1 pound.

This tool’s formation material is steel and the jaws included in the rods are also metal components. The jaws here are chrome plated which basically ensures more quality working experience. It comes with a set of two spring compressors and no additional wrench or socket to operate. One of the great features is that it is not that much corrosive and damageable that is due to the plating process. Moreover, heat shocks don’t affect the tool much. The inclusive bolts are made of precision machined steel. And it is very efficient while functioning.

The whole tool is licensed to provide you a fast and secured installation and removal of coils. So it takes less time to alter the piston of the struts. The time duration for the job of repair is almost about a few minutes. This is precisely suitable for small cars and light truck owners. As it is less corrosive so not necessarily needs to be greased and stored in less humid place.

#### Down points

Not perfect functional for myriad vehicles so this basically is not a versatile choice as a tool. A lifetime guarantee is not ensured.

<https://www.amazon.com/dp/B00PT3F49K/>

### OTC 6494 Automotive Accessories

#### Guiding to the cart

The OTC compressing tool is well known for having a lightweight configuration being a heavy-duty tool. It is almost 19 pounds in weight and might not seem a light one comparatively but precisely it has a sturdy workload to handle.

A fully metal functioning working arena, where the compressors create an even amount of pressure so the coil doesn’t bend and get damaged. There is a good number of screws and jaws that are well aligned and so the working mechanism faces no difficulties. The safety pins are quite firm to hold the coils. The exterior portion is quite smooth and it is more likely a frame-based compressor. While observing the looks of it you can see the difference between the usual ones and its configuration. Springs having an outer diameter of 4” to 9” are easily /compressed or expanded by the tool with wire diameters of 7/16 or 11/16 inches. The tool is created in such a way that only impact wrench can operate this. But unfortunately, the wrench is not added to the toolset.

It has a warranty of one year and if taken good care it will last for a good number of years. This US branded tool is suitable for a good number of automobiles and trucks.

#### Down points

The clamp screws are supposed to have stronger grips but it fails.

<https://www.amazon.com/dp/B0002SRHU6/>

## Conclusion

The main reason to turn to a coil compressor is to attain the utmost safety and security. The struts coils are nasty enough and hold an extreme level of energy when applied pressure. If the discussed tools are not of quality then it can cause deadly hampers.

The best strut spring compressor that is modeled in the stores has similar features and the mechanisms are most likely not differentiable. So we choose two comparatively preferable ones that might give you a clear idea of what features are to be noted.

The OEM tools have two type specification and they are of different manufacturers. One is the regular two rodded configured and has an ample range of operation and the other is the single rodded one with a hammer-like an end. Preferably the second one is a choice because while handling you will not have to care about the unwanted bends and deteriorated structures. Another choice is the OTC specification and is designed differently to act on more sturdy jobs. OEMs one is suitable for myriad vehicles and sadly the OTC is not.

Grossly the others are effective too but most users are satisfied with the specifications highlighted.

## FAQs

### Is it always necessary to use lubricants while operating?

Well, most of the tools are made of steel materials and have a high possibility of being damaged by moisture. So it is convenient to use an anti-seized grease item to have a painless experience.

### Are the wrenches included?

Basically no. You have to select the suitable one observing the configuration of the screw.

### What does the colored box has to mean?

Some brands differ the boxes color to differ the various hooks and the others don’t have any special meaning. Just for décor purpose.

## Meta Description

Facing hardship handling the obdurate coils? The choice of the best strut spring compressors assists you to dash these and eases the alteration of the piston.