



Installation Instructions

ARK Lowering Springs
GT-F and GT-S
(LF1202-0113, LS1202-0113)
for
Scion FR-S / Subaru BRZ

www.arkperformanceusa.com

Congratulations on purchasing an ARK Performance lowering spring set! Please read and understand the installation instructions before beginning work on the installation of your new ARK Performance lowering springs. If you do not fully understand the instructions, please give us a call at 909-947-1275 or email us at info@ARKPerformanceusa.com

We recommend that these lowering springs be **installed by someone qualified for this work or by a certified mechanic** with access to the appropriate hand or power tools. It is also recommended that proper jacks and jack stands be used. By installing these ARK Performance lowering springs, you indicate that you have read the installation instructions and you agree with the terms and conditions stated.

It is your responsibility to **follow the installation instructions provided** for this ARK Performance lowering spring set and exercise all necessary safety precautions. ARK Performance assumes no responsibility for damages occurring from improper installation, operation, maintenance, or from incompatibility with other manufacturer's products.

Important Information:

Exclusion of Certain Liability

1. The manufacturer, importer, and dealer of ARK Performance products hold no responsibility for any incidental damage such as personal injury or any other damages due to improper installation or operation of ARK Performance lowering springs.
2. ARK Performance will not warranty any damages caused by improper installation, use, and maintenance of the ARK Performance lowering springs. The warranty is limited to defects that are recognized by our technical department, this excludes items subject to normal wear. This warranty is void in the case of an accident, modification, improper use, or competition use.
3. Do not install any ARK Performance lowering spring set on a vehicle model for which it was not intended for.
4. Technical specifications of ARK Performance lowering springs and related products are subject to change without notice.
5. Before removing the original springs from your vehicle, please compare the parts that you received with the list of materials provided in the installation instructions. If anything is missing, contact ARK Performance before beginning installation.
6. The instructions for installation should serve as a guideline only, actual installation of the lowering springs may not correspond with the pictures entirely.
7. The process of uninstalling the original springs may vary depending on the existing springs on the vehicle, so please follow the original spring set manufacturer's instructions for removal.

Trademarks

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ARK Performance website

Information about ARK Performance lowering springs and related products is available on the ARK Performance website at: <http://www.arkperformanceusa.com/>

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Contents

- Front Springs— 2
- Rear Springs—2
- *Orange Springs—GT-F
- *Gold Springs—GT-S

Tools Required

- Socket Wrench/Wrench:
 - 12 mm
 - 14 mm (pass through style)
 - 17 mm
 - 19 mm
- Hex Key 5 mm
- Clip Remover
- Needle Nose Pliers
- Socket Wrench Extension
- Lubricant (WD-40)
- Spring Compressor
- Floor Jack

Warning

- Before removing the original springs, be sure to read over the installation instructions and fully understand them.
- If any items in the package are missing please contact your authorized dealer before installation.
- We advise you to have an experienced person or certified mechanic install the lowering springs.
- Loosely fasten all nuts and bolts until everything is installed, then tighten them down to the proper torque specs as you align the suspension parts properly.
- These instructions are specific to the 2013+ Scion FR-S / Subaru BRZ. However, please be sure to specify the exact year when purchasing lowering springs.

Removal of OEM Front Springs



1. Properly jack up the vehicle on flat, level ground and support the vehicle on proper jack stands (Figure 1)

2. Begin with removing the front wheels using the correct socket or key (Figure 1)



3. Unbolt the sway bar end link using the 17 mm wrench (5 mm hex key may be necessary to stop stud from spinning) (Figure 2)



4. Unbolt the strut from the brake assembly using the 19 mm socket and wrench for both (Figure 3)



5. Unbolt the brake line with the 12 mm wrench and unclip the brake line using the needle nose pliers (Figure 4)

Removal of OEM Front Springs



6. The brake assembly will tilt outwards once everything is unbolted (Figure 5)



8. Hold the spring with the spring compressor and unbolt the center nut with a 17 mm socket (Figure 7)



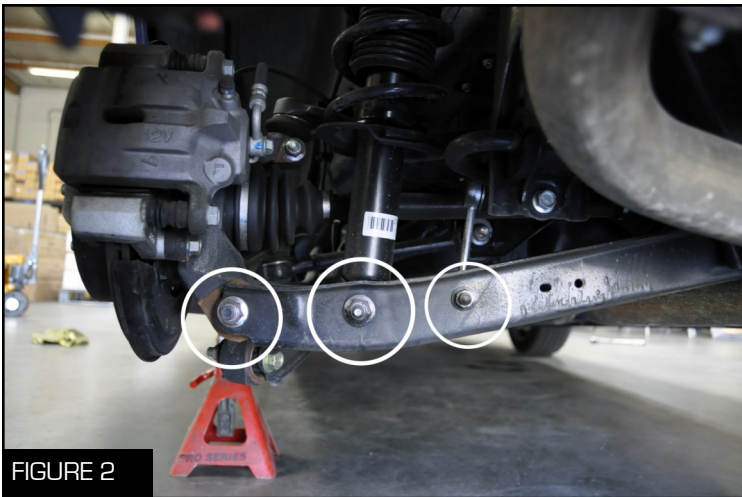
7. Unbolt the top of the strut using the 12 mm socket wrench and slowly lower the strut out of the car (Figure 6)

9. Follow these instructions in reverse order for the installation of the ARK springs

Removal of OEM Rear Springs

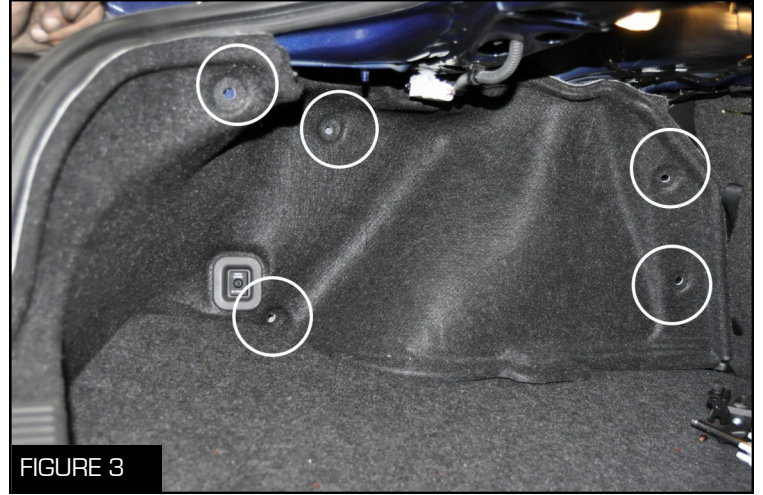


1. Properly jack up the vehicle on flat, level ground and support the vehicle on proper jack stands then remove the rear wheel using the proper socket or key (Figure 1)

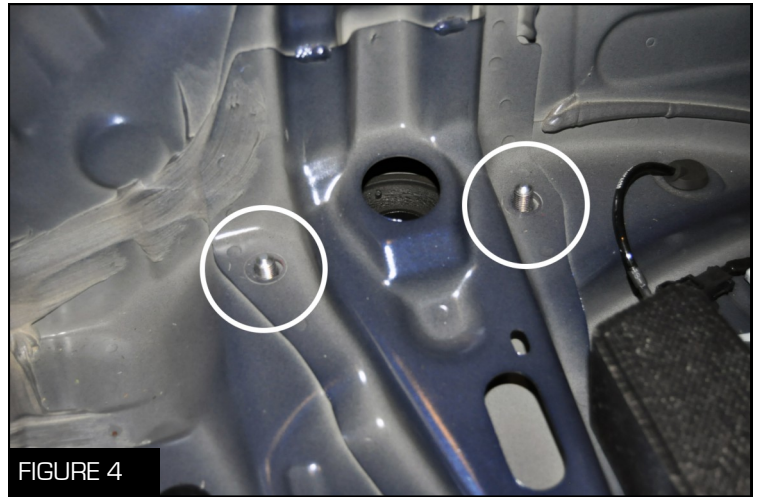


2. Unbolt the suspension arm from the brake assembly and strut using the 17 mm socket and wrench (Figure 2)

3. Unbolt the sway bar end link from the suspension arm using the 14 mm socket and wrench (Figure 2)



4. Take out all of the clips using the clip remove and pull back the trunk liner (Figure 3)



5. Un bolt the top of the strut using the 14 mm socket wrench (Figure 4)

Removal of OEM Rear Springs



6. Push down on the suspension arm and pull the strut out from the car (Figure 5)



*Front shock shown instead of rear

7. Unbolt the center nut on the strut using a pass through style 14 mm socket and the 5 mm hex key while hold the spring with a spring compressor (Figure 6)

8. Follow these instructions in reverse order to install the ARK lowering springs

First Operation/Maintenance

Be sure to check that the wheel lug bolts are tightened down to the proper torque specifications.

Take the vehicle for a test drive and listen for any odd clunking noises or vibrations. If there are any, go back through the installation instructions and be sure everything is properly tightened.

Be sure to take the vehicle to a professional suspension alignment shop to have your vehicle re-aligned after installing ARK Performance lowering springs.

The springs will need a few days to settle and will be slightly lower than when you first install them. All spring lowering measurements are approximate and depend on vehicle model and packages.

