

TRQ SCA70193

TRQ Front Left Right Complete Strut & Coil Spring Assembly SCA70193 User Manual

1. INTRODUCTION

This manual provides essential information for the installation, operation, and maintenance of your TRQ Front Left Right Complete Strut & Coil Spring Assembly, model SCA70193. This product is designed as a direct replacement for original equipment, offering a pre-assembled unit for simplified installation. Please read all instructions carefully before proceeding with installation or use.

2. PRODUCT OVERVIEW

The TRQ SCA70193 is a complete strut and coil spring assembly, including the strut, coil spring, and strut mount. It is gas-charged for consistent performance and designed for specific vehicle applications.



Image 2.1: TRQ Complete Strut and Coil Spring Assembly (SCA70193).

STRUT ASSEMBLY

Product Features

Complete Assembly.....

Increased Tube Thickness.....

Upgraded Piston Rods.....



Image 2.2: Key features of the TRQ Strut Assembly, including complete assembly, increased tube thickness, and upgraded piston rods.

3. COMPATIBILITY AND FITMENT

This TRQ Strut & Coil Spring Assembly (SCA70193) is compatible with the front left and right sides of various Volkswagen models. It is crucial to verify fitment for your specific vehicle before installation.



IMPORTANT



VERIFY FITMENT BEFORE PLACING YOUR ORDER.

Complete fitment information
in the Product Description below.

Image 3.1: Always verify product fitment for your specific vehicle model and year.

Compatible Vehicle Models:

- **Volkswagen Beetle:** 2012-2019 (Base Model, TDI, S, SE, Dune, Turbo, GSR, Classic, Fleet Edition, SEL, #PinkBeetle, Denim, Wolfsburg Edition)
- **Volkswagen Eos:** 2007-2011 (Base Model, 2.0T, Turbo, Komfort, Lux)
- **Volkswagen Golf:** 2010-2014 (Front Driver/Passenger Side with 55 mm Outside Strut Housing Diameter)
- **Volkswagen Jetta:** 2005-2018 (Wagon, Wolfsburg Edition, 2.5, SE, SEL, S, 2.0T, TDI, Value Edition, GLS TDI, GL, GLS, GL TDI) - *Note: Specific models may require 55 mm Outside Strut Housing Diameter or be without Sport Suspension. Refer to your vehicle's specifications.*

4. INSTALLATION INSTRUCTIONS

The TRQ Strut & Coil Spring Assembly is designed for ease of installation as a pre-assembled unit, eliminating the need for specialty tools like a spring compressor. However, professional installation is recommended for safety and proper function.

General Installation Steps:

1. **Safety First:** Ensure the vehicle is securely lifted and supported on jack stands on a level surface. Disconnect the battery if necessary.
2. **Remove Wheel:** Remove the wheel from the corner where the strut is being replaced.
3. **Disconnect Components:** Disconnect any brake lines, ABS sensor wires, or sway bar links attached to the old strut.
4. **Remove Old Strut:** Unbolt the lower mounting bolts connecting the strut to the steering knuckle. Then, unbolt the upper mounting nuts from the strut tower under the hood. Carefully remove the old strut assembly.
5. **Install New Strut:** Position the new TRQ strut assembly into the strut tower and loosely secure the upper nuts. Align the lower mounting holes with the steering knuckle and insert the bolts, loosely securing them.
6. **Tighten Fasteners:** Following your vehicle's service manual, tighten all upper and lower mounting bolts and nuts to the manufacturer's specified torque. Reconnect any disconnected components.
7. **Reinstall Wheel:** Reinstall the wheel and lower the vehicle.
8. **Alignment:** A wheel alignment is highly recommended after replacing suspension components to ensure proper handling and tire wear.



Image 4.1: TRQ provides detailed installation videos for many products. Refer to the manufacturer's website for specific video guides related to your vehicle and part.

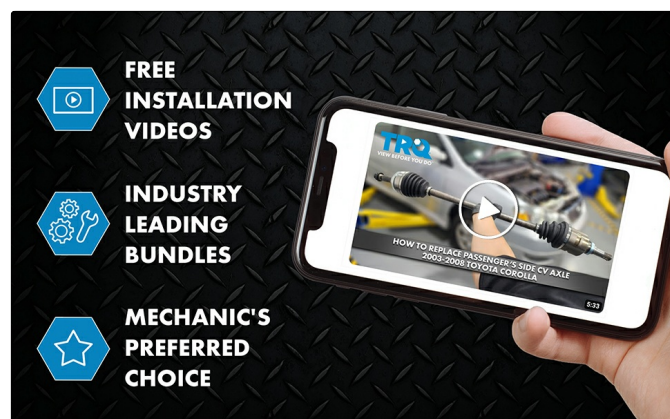


Image 4.2: Access free installation videos from TRQ on your mobile device for step-by-step guidance.

5. OPERATION

Once installed, the strut and coil spring assembly functions as a critical component of your vehicle's suspension system. It is responsible for:

- **Supporting Vehicle Weight:** The coil spring bears the weight of the vehicle.
- **Absorbing Shocks:** The strut dampens the oscillations of the spring, absorbing impacts from road irregularities.
- **Maintaining Tire Contact:** Ensures tires remain in contact with the road surface for optimal traction and control.
- **Providing Ride Comfort:** Contributes to a smooth and stable ride by controlling suspension movement.

After installation, drive the vehicle cautiously to ensure proper function and listen for any unusual noises. If any issues arise, consult a qualified mechanic.

6. MAINTENANCE

Regular inspection of your vehicle's suspension components, including the TRQ strut assembly, is recommended to ensure longevity and safety.

Maintenance Tips:

- **Visual Inspection:** Periodically check the strut for signs of fluid leaks, bent rods, or damaged boots. Inspect the coil spring for cracks or corrosion.
- **Noise Check:** Listen for clunking, rattling, or squeaking noises from the suspension, which could indicate wear or damage.
- **Tire Wear:** Uneven tire wear can be a symptom of worn suspension components.
- **Professional Check:** Have your suspension system professionally inspected during routine vehicle maintenance.

7. TROUBLESHOOTING

If you experience issues after installing the TRQ strut assembly, consider the following common problems and potential solutions:

Symptom	Possible Cause	Solution
Clunking or rattling noise	Loose mounting bolts, worn sway bar links, damaged strut mount.	Inspect and tighten all fasteners. Check sway bar links and strut mount for wear.
Excessive bouncing or poor ride comfort	Damaged or defective strut.	Inspect strut for leaks or damage. Replace if necessary.
Uneven ride height	Incorrect part application, damaged coil spring.	Verify correct part number for your vehicle. Inspect coil spring for damage.
Steering pull or uneven tire wear	Wheel alignment needed, worn suspension components.	Perform a wheel alignment. Inspect other suspension components for wear.

If troubleshooting steps do not resolve the issue, it is recommended to consult a certified automotive technician.

8. SPECIFICATIONS

Below are the technical specifications for the TRQ SCA70193 Strut & Coil Spring Assembly:

- **Model:** SCA70193
- **Brand:** TRQ
- **Auto Part Position:** Front Left/Right
- **Compressed Length:** 14.53 inches
- **Extended Length:** 20.91 inches
- **Travel Length:** 6.38 inches
- **Lower Mount Type:** Socket
- **Upper Mount Type:** Threaded Stud
- **Gas Charged:** Yes
- **Coil Spring Included:** Yes
- **Strut Mount(s) Included:** Yes
- **Reference Numbers:** 11060, 172311, 182311, ST8657
- **Item Weight:** Approximately 17.21 pounds
- **Product Dimensions:** Approximately 7 x 24 x 7 inches

9. WARRANTY AND SUPPORT

For information regarding product warranty, returns, or technical support, please refer to the official TRQ website or contact their customer service directly. Keep your purchase receipt and product information handy when seeking support. You can visit the TRQ Store for more information: [TRQ Official Store](#)

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question