

## Strut Tower Reinforcement Plates, 8J Audi TT/TTS/TTRS



Designed to reinforce the strut towers on 8J Audi TT/TTS/TTRS models, the 034Motorsport Reinforcement Plates utilize durable Stainless Steel and anodized T6-6061 Billet Aluminum to sandwich the strut towers and prevent any sheet metal deflection caused by stiff suspension and abrupt impacts on the street or track.

## Installation Spiciness Rating: MILD



Installation of your 034Motorsport Strut Tower Reinforcing Plates is a straightforward process that will take approximately 2 hours to complete.

### Supplied Parts:

- (2x) Billet Aluminum Upper Strut Tower Plates
- (2x) Stainless Steel Lower Strut Tower Plates
- (6x) M8 x 30mm Allen Bolts
- (6x) M8 Washers

### Tools Needed:

- 18mm Socket
- 13mm Socket
- 13mm Wrench
- T25 Torx Bit
- 5mm Allen Bit
- Torque Wrench

### Getting Started

Confirm you have received all the parts included with your purchase by reading the complete guide, if there are missing components, please contact:

[customerservice@034motorsport.com](mailto:customerservice@034motorsport.com)

## About This Guide

This Install Guide documents the installation process on a 2012 Audi TT-RS. The actual installation process for your vehicle may vary by model, due to factory options, or because of existing aftermarket modifications you have installed.

This guide covers the installation on one corner. Simply repeat this procedure to complete both sides of the vehicle.

## Install Steps

### **Step 1**

Raise your vehicle securely using a lift.

### **Step 2**

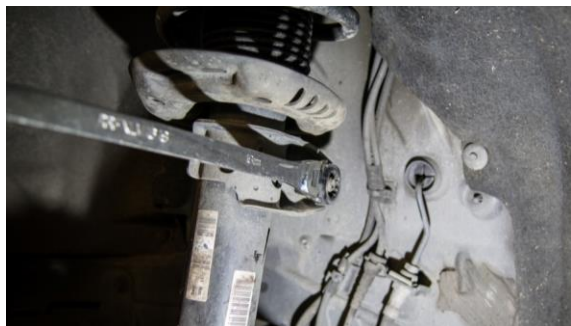
Remove the front wheels.

### **Step 3**

Open the hood to gain access to necessary components.

### **Step 4**

Using an 18mm 6-Point Socket or Wrench, remove the upper sway bar end link nut and disconnect the end link from the strut housing.



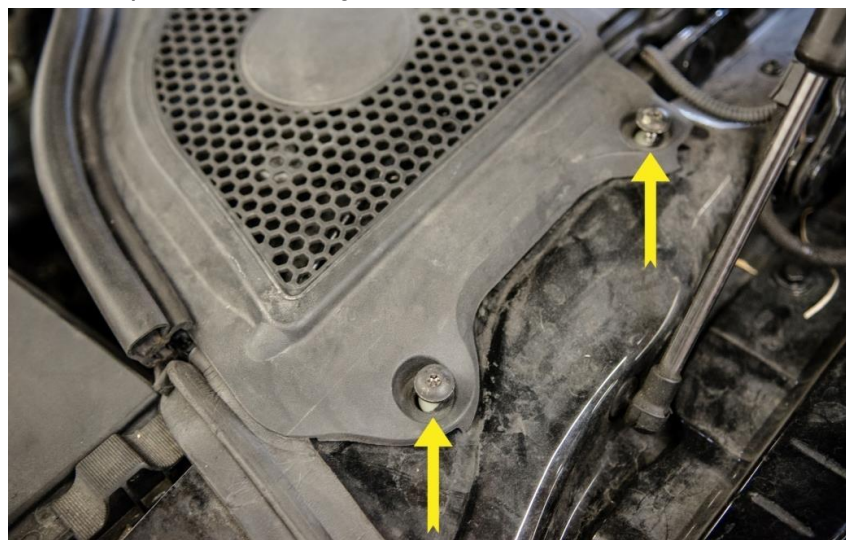
### **Step 5**

The front sway bar end link should now be free from the strut assembly.



### **Step 6**

Using a T25 Torx Bit, loosen the two screws securing the plastic rain tray cover to the sheet metal.



## Step 7

Pull back the factory rubber weather-stripping securing the plastic cover.



## Step 8

Using a 13mm Wrench, loosen the 3 factory bolts securing the strut assembly to the chassis.



## Step 9

**Note:** Use caution, as the strut assembly may drop suddenly when the final bolt is removed.



## Step 10

The strut assembly should now be completely free from the strut tower. Pull down on the assembly such that there's enough room to slide the lower plate on top of the strut mount.



## Step 11

Orient the 034Motorsport Lower Strut Tower Reinforcement Plate so the flat side faces inward, toward the center of the car.



## Step 12

Slide the 034Motorsport Lower Strut Tower Reinforcement Plate on top of the strut mount and align holes with strut mount.



## Step 13

The 034Motorsport Upper Strut Tower Reinforcement Plate has a notch for clearance of a wiring harness mounting tab.



## Step 14

Locate the wiring harness mounting tab toward the rear of the driver's side strut tower.



## Step 15

Place the 034Motorsport Upper Strut Tower Reinforcement Plate on top of the strut tower.

**Note:** The wiring harness mounting tab is only located on the driver's side strut tower.



## Step 16

Lift the strut assembly in place and use 3 of the supplied M8 bolts to secure the 034Motorsport Strut Tower Reinforcement Plates and strut assembly to the strut tower.

**Note:** Use a friend or a floor jack to help lift the strut assembly into place while you align and install the bolts.



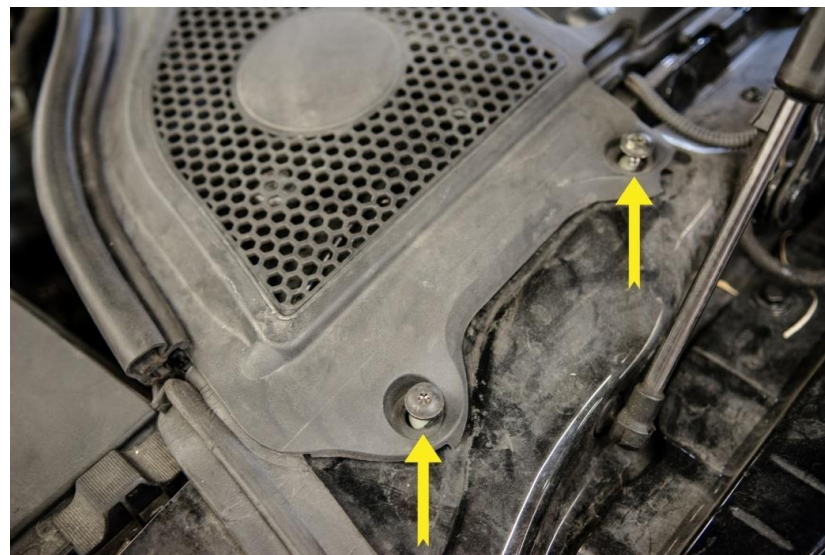
## Step 17

Secure 3 bolts mounting strut assembly to strut tower.  
Torque to **15 Nm + 90°**.



## Step 18

Reinstall plastic rain tray cover with factory T25 screws.

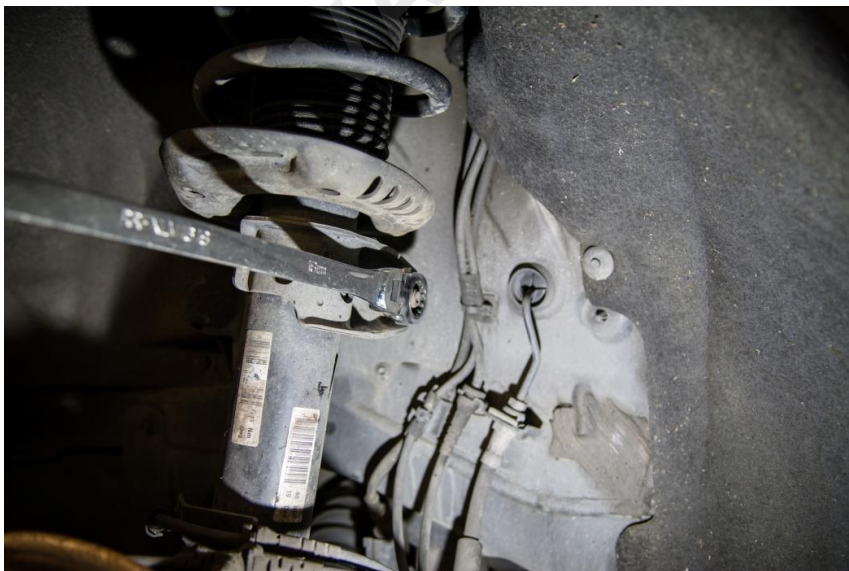


**Step 19**

Reinstall rubber weather-stripping across plastic rain tray.

**Step 20**

Reinstall front sway bar end link to strut assembly. Using an 18mm socket, torque to **25 Nm**.

**Step 21**

Ensure all connections are secure.

**Step 22**

Reinstall the wheels.

**Step 23**

Lower your vehicle from the lift.

**Step 24**

Enjoy the Upgrade!

