

**Billet Upper Dogbone Insert, MKV/MKVI VOLKSWAGEN  
GOLF/JETTA/GTI/GLI & 8J/8P AUDI TT/A3**



Lower Dogbone  
Mount Insert  
Spacer



Upper Dogbone  
Mount Insert

**034 MOTOR SPORT**

034Motorsport's Billet Upper Dogbone Mount Insert for 8V/8S Audi A3/S3/RS3/TT/TTS/TTRS & MkVII Volkswagen Golf/GTI/R is the new standard in performance and durability. This dogbone insert set was engineered with performance in mind, manufactured from billet aluminum to maintain proper articulation and provide longevity.

**Installation Spiciness Rating: MILD**



Installation of your 034Motorsport Upper Dogbone Insert Set is a straightforward process that will take approximately 1 hour to complete.

**Required Parts:**

- **034Motorsport Billet Aluminum Dogbone Mount Lower Insert (Part number 034-509-1021 or equivalent) is required for this installation.**

**Supplied Parts:**

- 034 Dogbone Mount Upper Insert
- 034 Dogbone Mount Lower Insert Spacer

**Tools Needed:**

- 21mm Socket
- 16mm Socket
- T45 Torx Bit
- T25 Torx Bit
- Pry Bar
- 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 an 8V Audi S3. There may be minor differences depending on specific vehicle, market, options, etc.

## Install Steps

### Step 1

Lift the car.

### Step 2

Locate the factory dogbone mount securing the engine/transmission to the front subframe. It is located under the belly pan. You will need the T25 and T45 Torx to remove the belly pan.



### Step 3

Using a 21mm Socket, remove the bolt securing the factory dogbone mount to the front subframe.



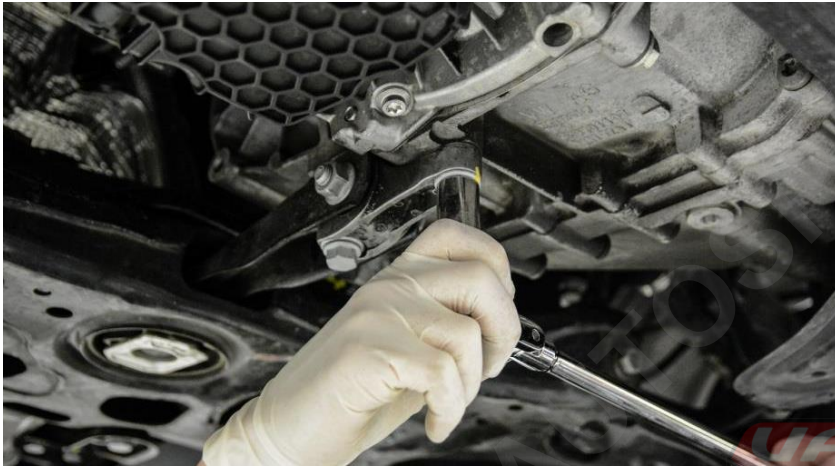
### Step 4 (Optional)

Using a Flathead screwdriver, remove the dogbone mount insert if one has been installed previously. The lower dogbone mount insert is required with this product.



**Step 5**

Using an 16mm socket, remove the two bolts securing the factory dogbone mount to the transmission.

**Step 6**

Remove the factory dogbone mount from the vehicle by sliding forward and out of the front subframe.



**\*If you have the lower dogbone mount insert, remove that as well\***

**Step 7**

Apply a light coating of grease on the 034-509-1035 MQB Upper Dogbone Mount Insert.

**Step 8**

Orientate the insert this way.



**Step 9**

Press insert straight up into mount, in the front void space.

**Step 10**

Press insert fully into mount.

**Step 11**

Using your thumb, press insert up into upper portion of the mount.

**Step 12**

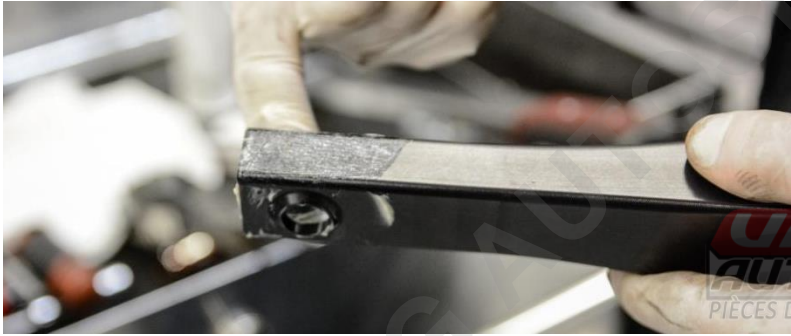
This is how the insert should be positioned when fully inserted. The pendulum arm window should be unobstructed.



**Note:** steps 12-17 show the 034Motorsport Billet + Spherical Dogbone Mount being installed. If you are reinstalling the stock dogbone, it will be the same steps.

#### Step 13

Apply a coat of grease to the tail end of the 034Motorsport Billet + Spherical Dogbone Mount to ease installation into the rubber bushing.



#### Step 14

Insert the tail end of the 034Motorsport Billet + Spherical Dogbone Mount into the front subframe and align front holes with those on the transmission.



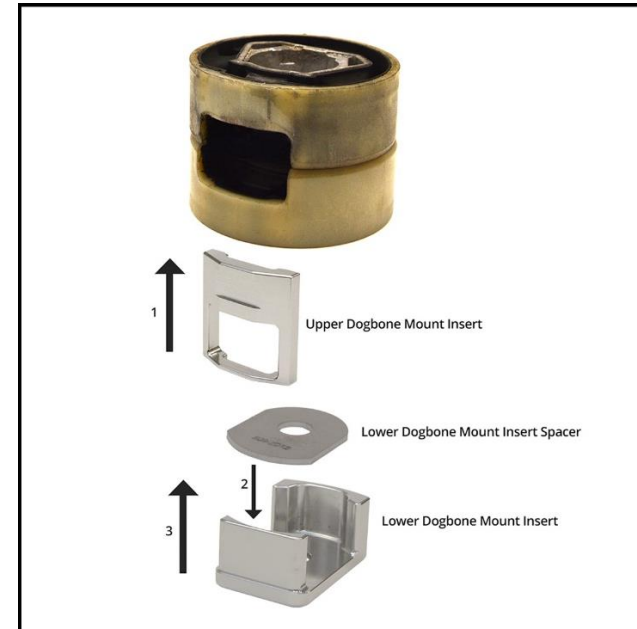
#### Step 15

Loosely install the front two bolts securing the 034Motorsport Billet + Spherical Dogbone Mount to the transmission using the new supplied factory bolts.



#### Step 16

Add the lower dogbone mount spacer to the lower dogbone mount insert. Install the assembly into the dogbone pucks.



**Step 17**

Using a 16mm socket, torque the 2 new factory bolts securing the 034Motorsport Billet + Spherical Dogbone Mount to the engine/transmission to **50 Nm + 90°**.

**Step 18**

Using a 21mm socket, torque the new factory bolt securing the 034Motorsport Billet + Spherical Dogbone Mount to the front subframe to **130 Nm + 90°**.

**Step 19**

Reinstall the belly pan using T25 and T45 Torx bolts. Torque T45 Torx bolts to **23Nm**.

**Step 20**

Lower your vehicle.

**Step 21**

Enjoy the upgrade!

