



 **EUROCODE**

**ÜSS B8 A4/A5~S4/S5 & C7 A6/A7~S6/S7 Stabilizer  
Bar Set & ÜSS Billet Aluminum End Link Set Installation**

## List of Parts

- (1) ÜSS 32mm Adjustable Front Stabilizer Bar\*
- (2) Polyurethane Front Bushings\*
- (1) Tube of bushing pre-lube\*

- (4) M8 shouldered self locking nuts\*\*
- (2) M10 x 60mm hex head shouldered bolts\*\*
- (2) M10 shouldered self locking nuts\*\*
- (2) M10 x 45mm shouldered bolt\*\*

- (2) ÜSS Billet Aluminum Adjustable Front End Links\*\*\*\*\*

- (1) ÜSS 25.5mm Adjustable Rear Stabilizer Bar\*
- (2) Polyurethane Rear Bushings\*
- (1) Tube of bushing pre-lube\*

- (4) M8 x 30mm socketed screws (10mm triple square)\*\*\*
- (2) M10 x 65mm hex head shouldered bolts\*\*\*
- (2) M10 shouldered self locking nuts\*\*\*
- (2) M10 x 65mm shouldered bolt\*\*\*


- (2) ÜSS Billet Aluminum Spherical Rear End Links\*\*\*\*\*
- (2) C7 Air Suspension Alignment Bushings\*\*\*\*\*
- (2) M10 x 75mm shouldered bolt\*\*\*\*\*

## List of Required Tools

Flat tip screwdriver  
Phillips screwdriver  
T25 screwdriver or socket  
16mm end wrench (2) or  
16mm socket on ratchet  
13mm end wrench or  
13mm socket on ratchet  
XZN 10mm triple square socket  
Torque wrench

\* Included with ÜSS Stabilizer Bar Kit  
\*\* Optional OEM Front Hardware Kit  
\*\*\* Optional OEM Rear Hardware Kit  
\*\*\*\* Optional ÜSS Billet Aluminum End Links  
\*\*\*\*\* Optional C7 Air Suspension Fitment Kit

Proper service and repair procedures are vital to the safe, reliable operation of all motor vehicles as well as the personal safety of those performing the repairs. Standard safety procedures and precautions (including use of safety goggles and proper tools and equipment) should be followed at all times to eliminate the possibility of personal injury, or improper service; which could damage the vehicle, or compromise it's safety. Audi's factory repair manual requires you to replace the hardware for the stabilizer bars each and every time they are removed from the vehicle. We offer new OEM hardware as an optional item for those who do not have the means to obtain it. It is unsafe to install the sway bars and endlinks without replacing the hardware.

The background of the slide features a large, stylized graphic. It consists of a white circular area on the right side, which is partially enclosed by a thick red curved shape on the left. The red shape starts from the top left corner and curves downwards towards the bottom left corner, creating a dynamic, abstract frame for the text.

# **ÜSS Front Stabilizer Bar and ÜSS Billet Aluminum Adjustable Front End Links**

# STEP 1

Unpack your ÜSS Sway Bar Kit and verify that all components are present. Prepare vehicle for installation by raising it to a comfortable working height.

If your installation includes our ÜSS End Links, the vehicle may be raised using a conventional hoist or on jack stands. Installation can also be performed on ramps

If your are using the factory endlinks, the wieght of the vehicle must be on the wheels when you are torquing the factory endlinks (vehicle should be on ramps or a drive on lift). Damage can occur to the factory endlinks if they are no torqued in the driving position.

### Important Notice for the C7 A6/A7 & S6/S7 ÜSS Sway Bar Kit:

Please proceed with this installation guide with the knowledge that this guide is based on the installation of the swaybars for B8 cars. Therefore, location of some of the bolts and images will be different, but the technical information and torque specifications are the same. **On air supension cars which have been lowered, an optional fitment kit for the rear endlink(s) is required.**



# STEP 2

Remove sound deadener (lower tray) from car. There are eight Phillips screws and four T25 screws

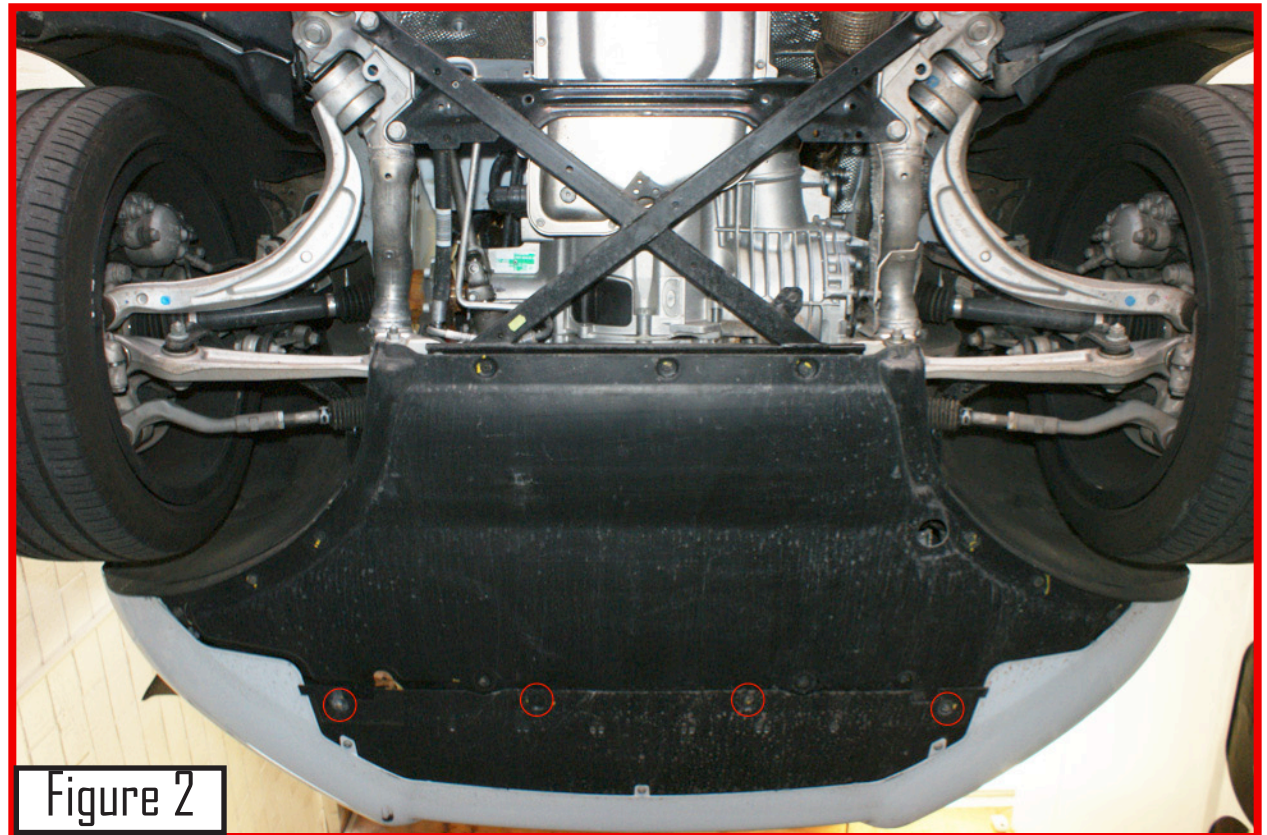


Figure 2

# STEP

## 3

Remove the nuts that attach the end links to the factory sway bar. You will need a two 16mm end wrenches or ratchet with 16mm socket attached to it, do this on both the left and right side.





# STEP

## 4

Remove the sway bar bushing bracket bolts with a 13mm end wrench or ratchet with 13mm socket attached to it.





# STEP 5

Remove sway bar from vehicle; separate the brackets from the bushings.  
Place bar in a safe area.



# STEP

## 6

Remove factory end link from vehicle (only if installing our billet aluminum adjustable spherical end links) with a 16mm end wrench or ratchet with 16mm socket attached to it.



# STEP

## 7

If installing our ÜSS adjustable end links, set the length of the link to the same as the stock link, Tighten lock nuts against turnbuckle. Repeat for other side.



# STEP

## 8

Lubricate inside of polyurethane bushings with pre-lube provided and slide it onto bar to the outside of the alignment rings, do this for both sides.



# STEP 9

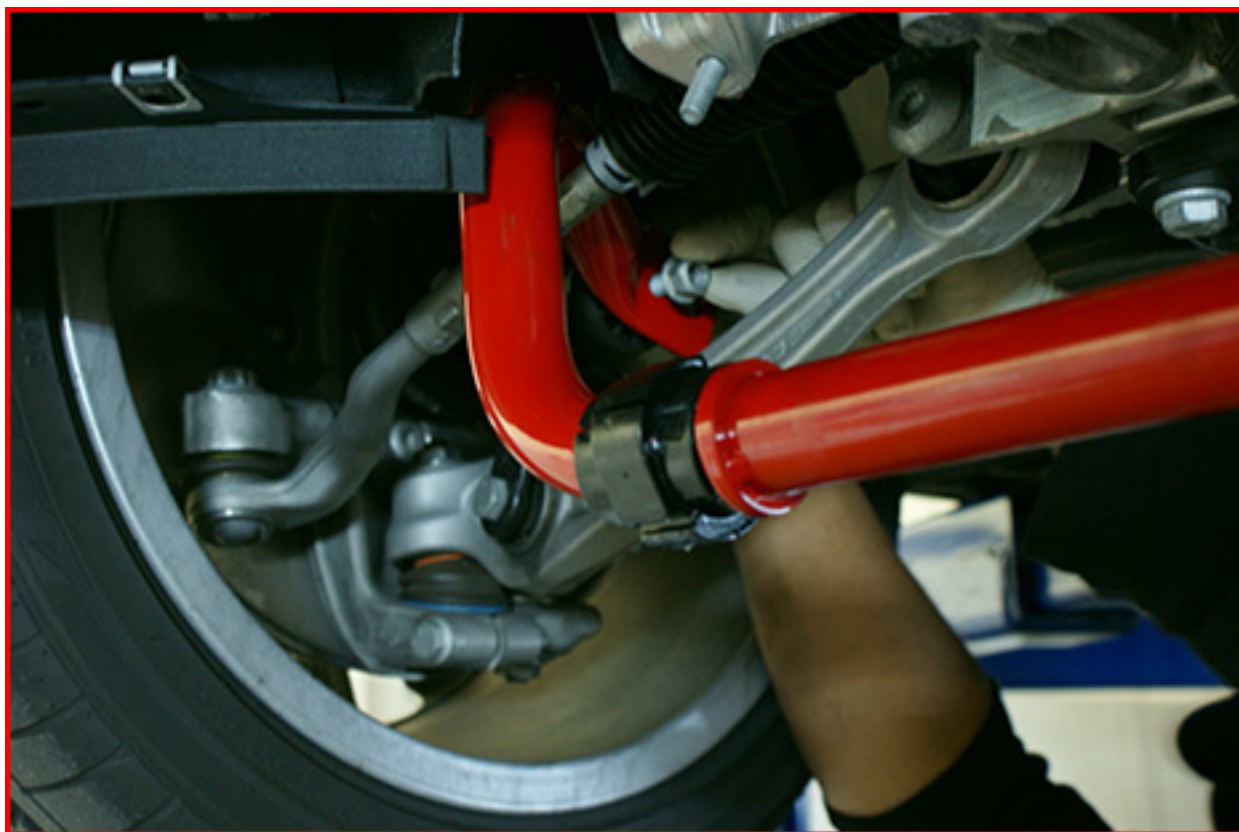
Put sway bar into position on vehicle and place factory brackets over polyurethane bushing, using the four OEM nuts, hand tighten,





# STEP 10

Attach lower portion of endlink to sway bar with hardware, inside adjustment hole is full stiffness, outside is softer setting (softer setting recommended for mild street to track use). Hand tighten all four nuts.





# STEP 11

Evenly torque all four nuts to 25Nm (18.4 ft/lb).



# STEP 12

If installing the ÜSS adjustable end links, torque upper end link bolt that attaches to suspension fork to 40Nm (29.5 ft/lb) plus one additional 90 degree (1/4) turn, repeat on other side.



# STEP 13

Torque lower end link bolt that attaches to sway bar to 40Nm (29.5 ft/lb) plus one additional 90 degree (1/4) turn, repeat on other side.





# STEP 14

Reattach sound deadener to vehicle with eight Phillips screws and four T25 screws.

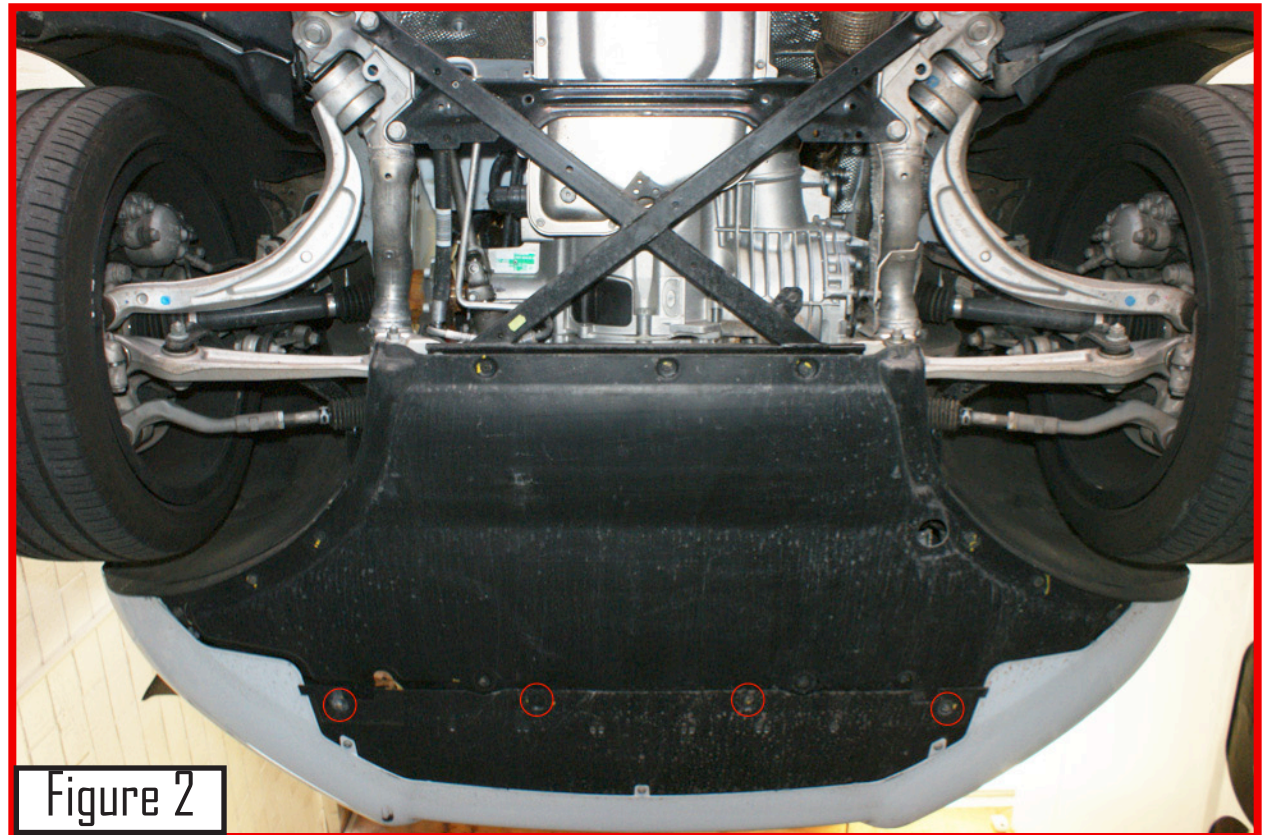


Figure 2

The background of the slide is composed of two curved, overlapping shapes. The top shape is a bright red color, and the bottom shape is a darker, maroon red color. These shapes meet at a curved line that sweeps across the frame. The text is centered within the white space between these two red shapes.

# **ÜSS Rear Stabilizer Bar and ÜSS Billet Aluminum Rear End Link**

# STEP

# 1

Lower the exhaust from the vehicle to provide space to work.



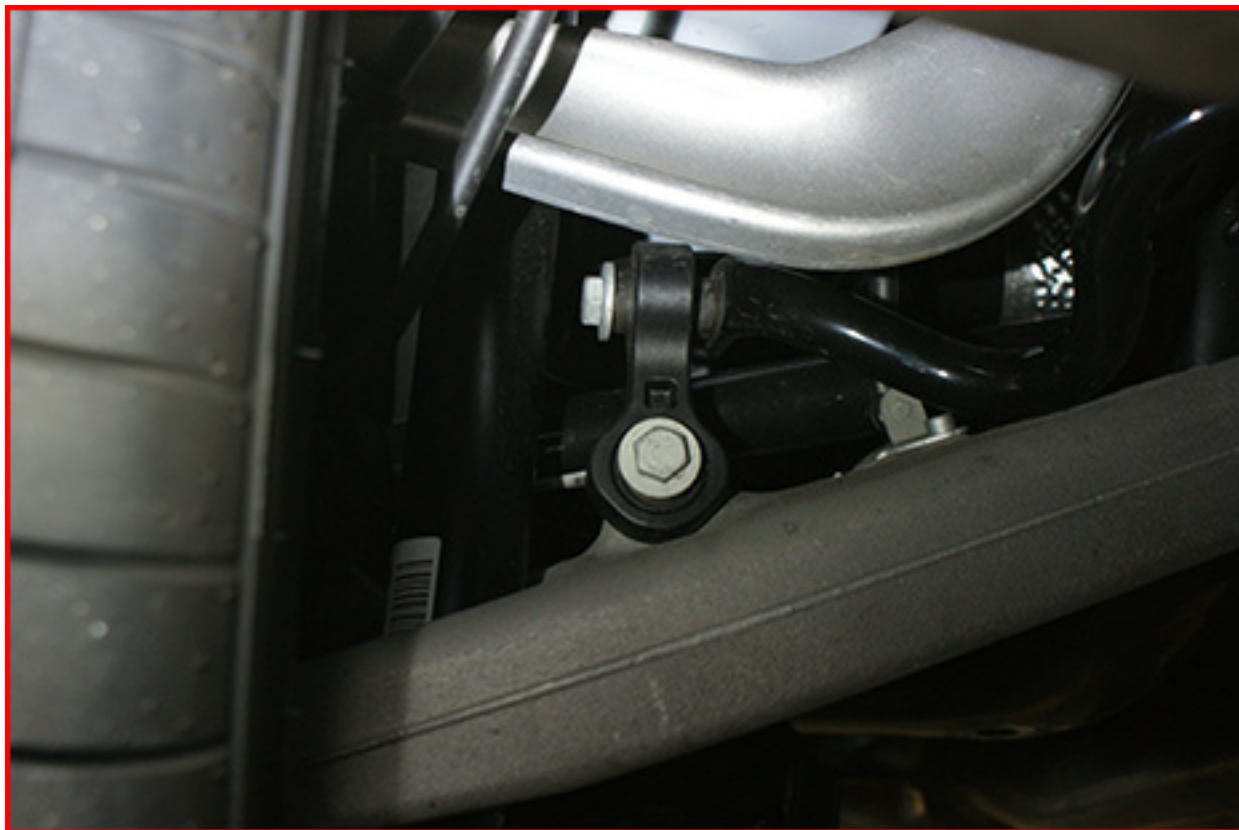


# STEP

## 2

Remove the bolts that attach the end links to the lower control arm. You will need a 16mm end wrench or ratchet with 16mm socket attached to it.

Repeat for other side.



# STEP

## 3

Remove the two sway bar bushing bracket bolts with ratchet that has a XZN 10MM triple square socket attached to it. Repeat for other side.



# STEP

## 4

Remove sway bar from vehicle, separate the sway bar bushing bracket from the bar and place bar in a safe area. Repeat on other side.



# STEP

## 5

Attach lower portion of either factory end link or the ÜSS billet aluminum spherical to stabilizer bar. Inside hole is stiffer setting (recommended). Torque bolt that attaches end link to to sway bar to 40Nm (29.5 ft/lb) plus one additional 90 degree (1/4) turn, repeat on other side.





# STEP 6

Lubricate inside of polyurethane bushings with pre-lube provided and slide them onto bar, to the outside of the alignment ring. Repeat on other side.



# STEP

# 7

Put sway bar into position on vehicle and place factory brackets over polyurethane bushing, thread bolts and hand tighten. Repeat on other side.





# STEP

## 8

Attach lower portion of end link to vehicle with OEM hardware. Hand tighten.  
\*On S6/S7/RS7 air suspension cars which have been lowered, use optional alignment bushing kit and substitute inner bushing in between rear end link and control arm. Use longer bolt in kit to attach to control arm.



# STEP

## 9

Torque both XZN 10MM triple square bolts to 25Nm (18.4 ft/lb) plus an additional 90 degree (1/4) turn, do this for both sides, ensure you torque evenly.



# STEP 10

Torque lower end link bolts to 40Nm (29.5 ft/lb) plus one additional 90 degree (1/4) turn, repeat on other side.



Place exhaust back on vehicle. Remove from ramps or lift and road test.

## LIMITED ONE (1) YEAR WARRANTY

Eurocode Tuning, Inc. (EUROCODE) warrants to the original purchaser that our ÜSS Sway Bar Kit or ÜSS End Links (PRODUCT) will be free of defects in material and workmanship for a period of one (1) year from the date of purchase.

This Warranty applies only to the original purchaser of the PRODUCT. To obtain any warranty service, you must provide EUROCODE with proof of purchase and date of purchase acceptable to EUROCODE, such as a copy of your purchase receipt. This warranty does not cover the removal or reinstallation of the product. EUROCODE will, at its option, repair, replace or refund the purchase price of a defective component, provided you return the defective component during the warranty period, transportation charges prepaid, to Eurocode Tuning's Service Department or a Factory Authorized Service Center.

Attach your name, address, telephone number, a description of the problem, and a copy of your sales receipt. All returns must be accompanied by a Return Goods Authorization (RGA) number and such number shall be written clearly on the outside of the box. RGA numbers may be obtained by calling EUROCODE at 1-310-294-8108. This warranty does not apply to the (i) metal finish or (ii) if the product/component has been damaged by accident, abuse, misuse, collision, modification, misapplication, improper installation, or improper service. This warranty is void if any EUROCODE serial number has been removed or defaced. Commercial or industrial use or application, or any motorsports use voids the warranty.

THE WARRANTY SET FORTH ABOVE IS THE ONLY WARRANTY. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. ANY IMPLIED WARRANTY WHICH BY LAW MAY NOT BE EXCLUDED IS LIMITED IN DURATION TO ONE (1) YEAR FROM THE DATE OF ORIGINAL RETAIL PURCHASE OF THE PRODUCT.

No EUROCODE dealer, agent or employee is authorized to make any modification, extension or addition to this warranty.

EUROCODE SHALL NOT BE LIABLE FOR SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, LOST PROFITS, DOWN TIME OR LOSS OF USE) UNDER ANY LEGAL THEORY, EVEN IF EUROCODE WAS ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow the exclusion of implied warranties or the exclusion or limitation of liability for incidental or consequential damages, or limitations on how long an implied warranty lasts, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights. You may also have other rights that vary from state to state. EUROCODE reserves the right to change Product/component design without notice. In situations in which EUROCODE has changed a Product/component design, EUROCODE shall have no obligation to upgrade or otherwise modify previously manufactured Products/components.

Warranty inquiries and Products returned for warranty service should be sent to:

Eurocode Tuning, Inc.  
Customer Service Department  
1872 Del Amo Blvd  
Torrance, CA 90501  
1-310-294-8108  
1-310-212-7141 International Fax