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## **Adjustable rear swaybar installation for the MINI Cooper S**

These instructions are to be used as a guide only during the installation process. MINI-Madness accepts no responsibility for improper installation of this product. We recommend professional installation if possible.

Tools needed: Metric socket set  
Metric open end wrenches  
Metric Allen keys  
1 jack and 2 jack stands  
2 people recommended

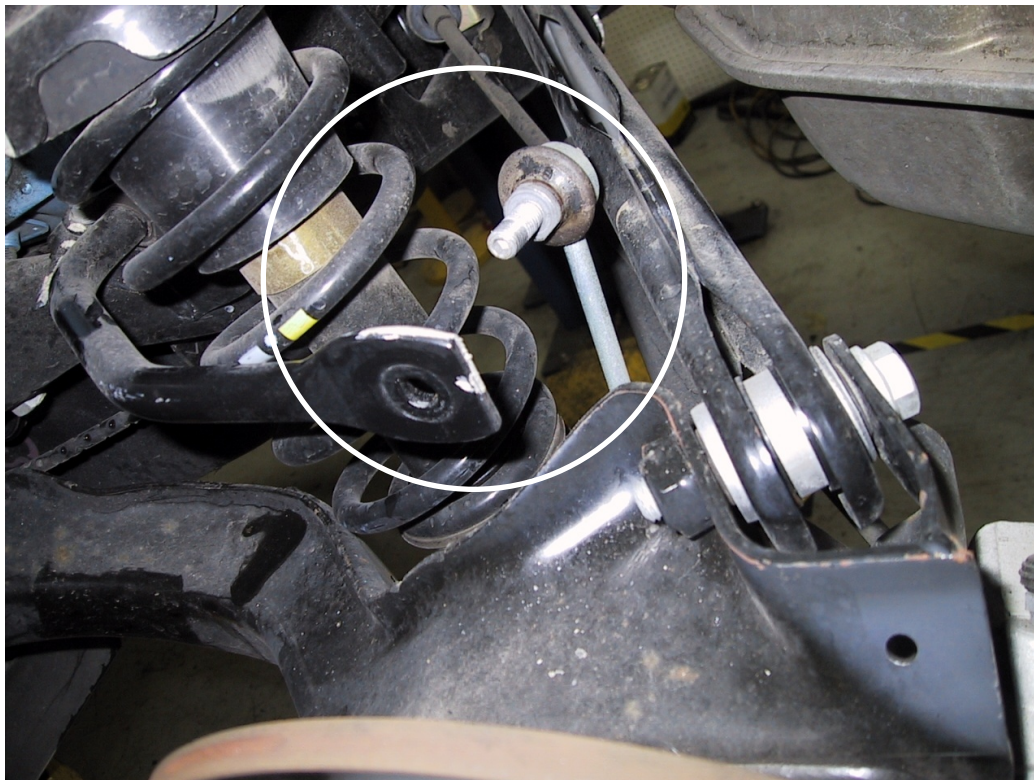
Approximate install time, 2-3 hours depending on mechanical skill



- Step 1: Jack up rear of car from both sides, use Jackstands for extra support and safety
- Step 2: Remove rear wheels and rear struts
- Step 3: Remove top sway bar link nut as shown in Figure 1



Fig 1



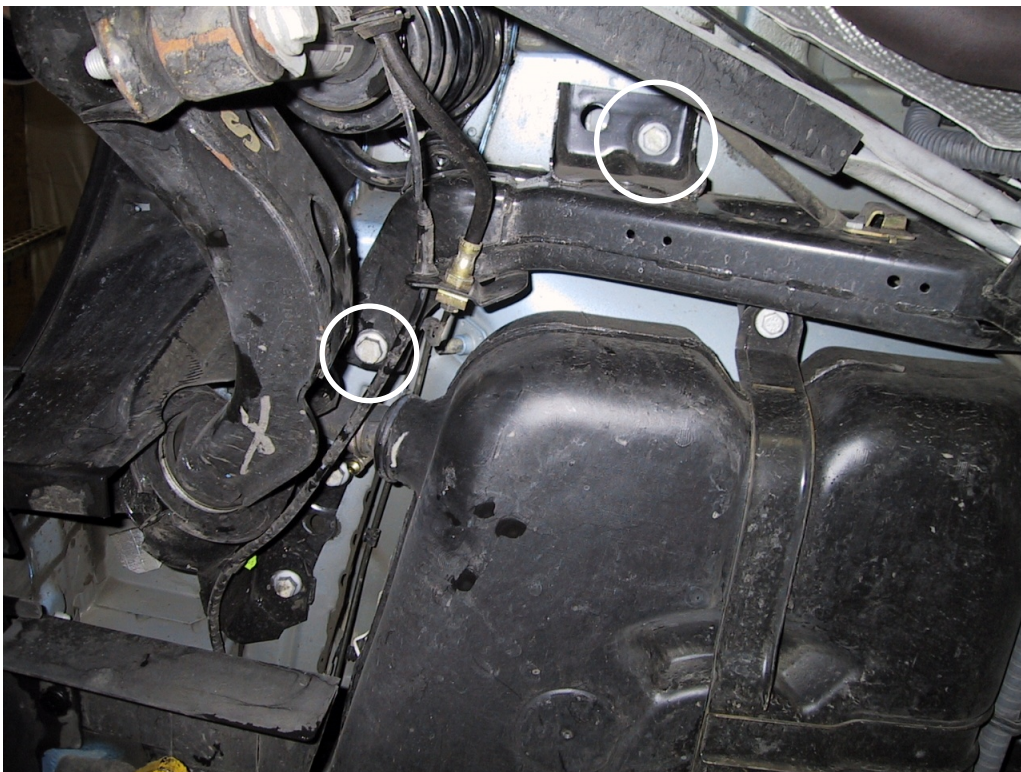
Step 4: Remove sway bar bushing bolts and remove the bushing as indicated in Fig 2

Fig 2



Step 5: Remove 4 rear subframe bolts, 2 on each side. This allows you to remove and install the bars. Fig 3

Fig 3



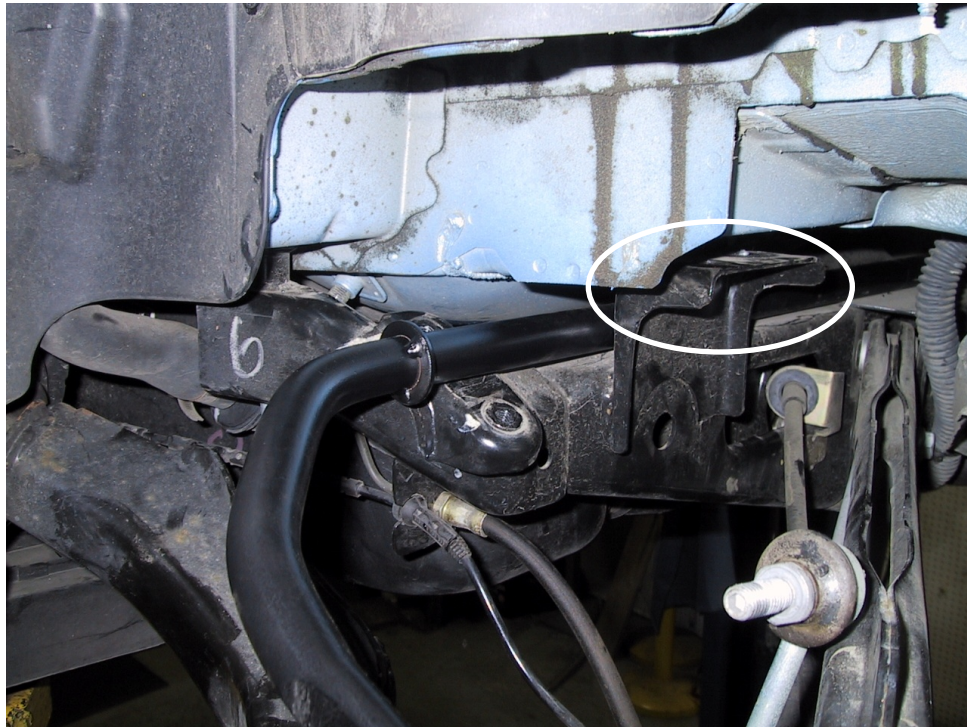
Step 6: Remove sway bar pushing down on subframe to make it past these tight points. 2 people make this step much easier to accomplish. Fig 4

Fig 4



Step 7: Installation of the new bar is the reverse of removal. Fig 5

Fig 5



- Step 7 Use the provided bushing grease to lube the polyurethane bushing. Have a few rags handy because this stuff is sticky! Fig 6. When attaching bushings be sure the bushings are pushed all the way towards the front of the car then tighten the 2 bolts

Fig 6



- Step 8 When mounting sway bar links we recommend using the rear most hole first. This setting provides crisper turn-in. If you so desire stronger turn-in, use the middle setting and so on. The forward most setting should be used only with Coil Over suspension kits because of clearance issues.

BEWARE, the car can oversteer with these settings, get the feel down before doing any serious driving. Fig 7



Fig 7