

# Installation Instructions

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## ANTI ROLL KIT #E40-82-087-01-10

### Kit Contents

Description	Part Number	Quantity
Front anti roll bar	AS41-82-087-01-FA	1
Hardware Kit	AK41-82-087-01-FA	1

### Notes

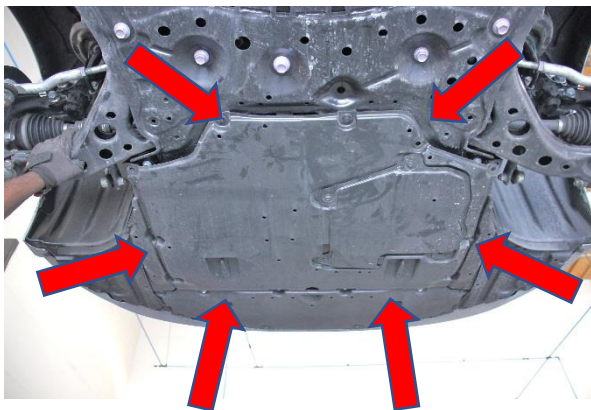
#### Read all instructions before beginning installation

Only qualified mechanics experienced in the installation and removal of suspension components should perform this installation.

Use of a hoist and screw jack is highly recommended and will substantially reduce installation time.

Never work on or under a vehicle unless it is properly supported.

### Installation



Step 1

Step 1. Remove the plastic rivets/hardware that secures the lower cover.

Step 2. Remove the cover.

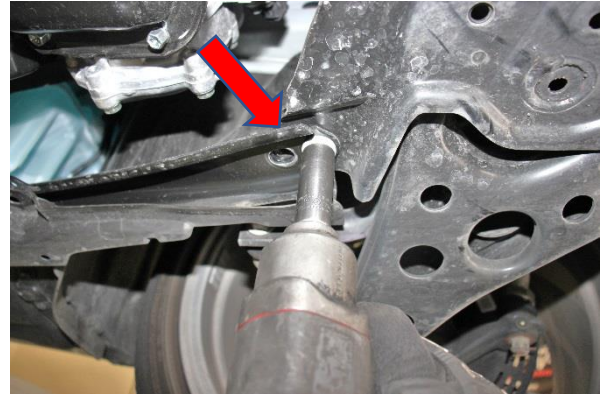


Step 2



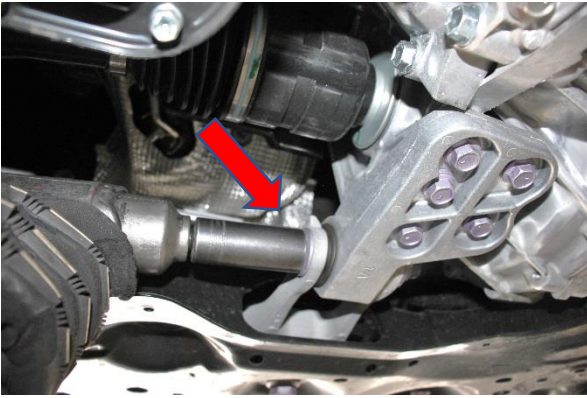
Step 3

Step 3. Loosen and remove the hardware that secures both the left and right side forward subframe braces to the core support.



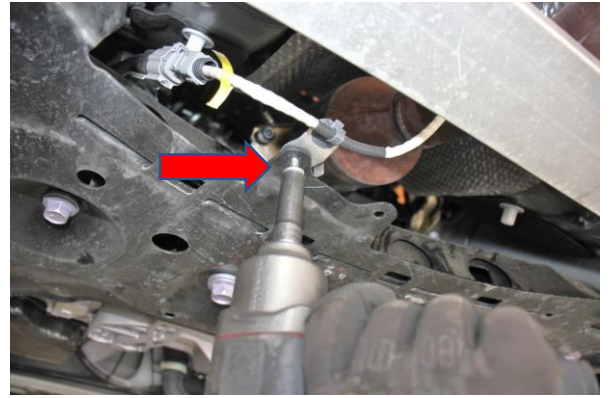
Step 3b

Step 3b. Loosen and remove the hardware that secures both the left and right side forward subframe braces to the subframe.



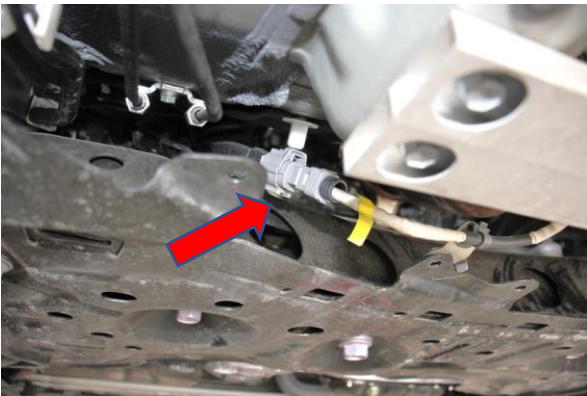
Step 4

Step 4. Remove the bolt that secures the torque stick.



Step 5

Step 5. Remove the screw that secures the O2 sensor wire bracket to the subframe.



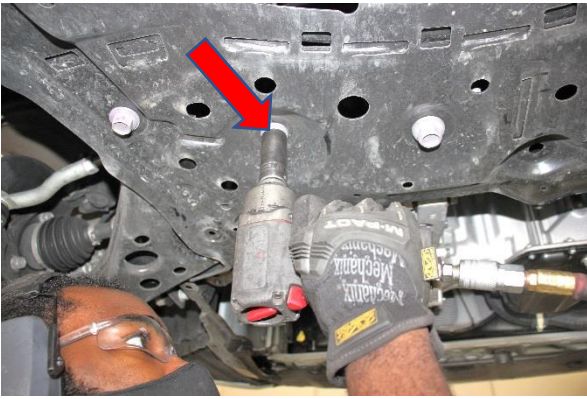
Step 6

Step 6. Disconnect the O2 sensor connection



Step 7

Step 7. Loosen and remove the screw that secures the OE sensor wire harness to the subframe. Note: This is necessary to prevent any stretching or damage to the harness when lowering the subframe.



Step 8

Step 8. Loosen and remove the bolt that secures the steering rack to the drivers side of the subframe.



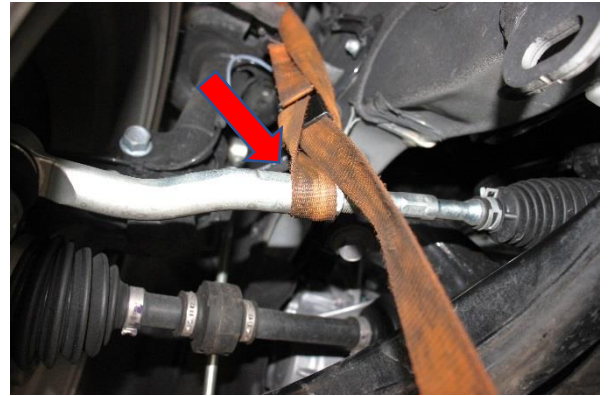
Step 8b

Step 8b. Loosen and remove the bolt that secures the steering rack to the passengersr side of the subframe.



Step 9

Step 9. Secure one end of a pull strap to a coil on the spring.



Step 9b

Step 9b. Secure the other end of the pull strap to the tie rod end, then, pull firmly on the slack to make sure the tie rod end has no slack on it. Repeat this procedure on the other side.



Step 10

Step 10. Support the subframe with a screw jack.



Step 11

Step 11. Remove the passenger side rear subframe bolt.



Step 12

Step 12. Remove the driver side rear subframe bolt.



Step 13

Step 13. Remove the left and right side forward subframe bolts that are located just above the lower control arm.



Step 14

Step 14. Loosen and remove the hardware that secures the end link to the ends of the OE roll bar, then, disconnect the end links from the bar.



Step 15

Step 15. Slowly lower the subframe making sure the steering rack is properly support and the O2 sensor wire is not hung up on anything.



Step 16

Step 16. Loosen and remove the hardware that secures the bushing brackets to the subframe.



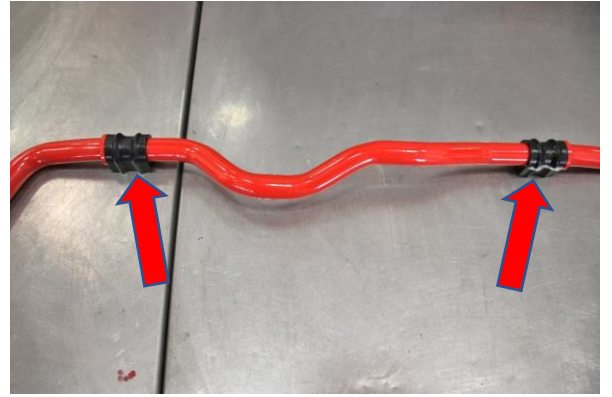
Step 17

Step 17. Remove the OE roll bar.



Step 18

Step 18. Apply some of the provided lubricant to the inside of the Eibach bushings.



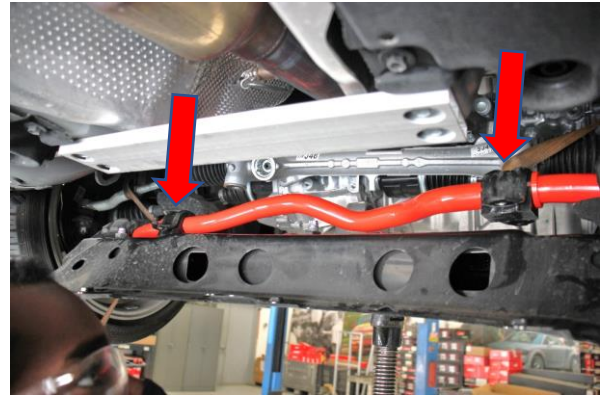
Step 18b

Step 18b. Install the lubricated bushings onto the Eibach bar.



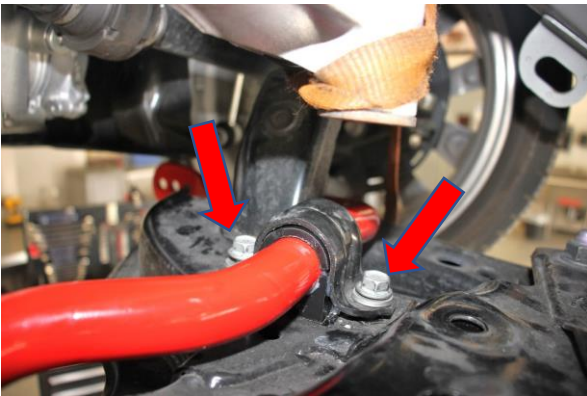
Step 19

Step 19. You can now install the Eibach bar.



Step 20

Step 20. Line up the Eibach bar with the subframe mounts.



Step 21

Step 21. Install the OE brackets and loosely install the OE hardware.



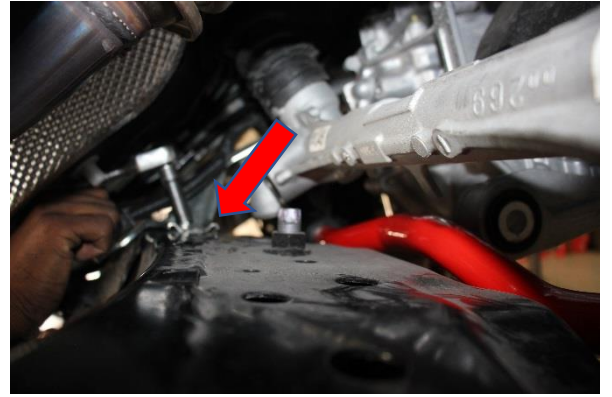
Step 21b

Step 21b. Make sure everything is properly aligned, then, tighten the OE hardware and torque to factory spec.



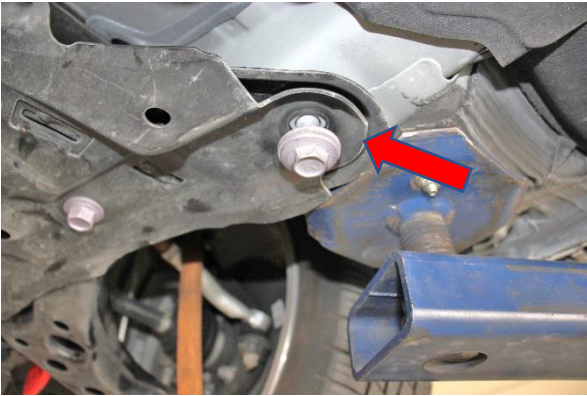
Step 22

Step 22. Raise the subframe up just enough to attach the O2 sensor wire bracket to the top of the subframe.



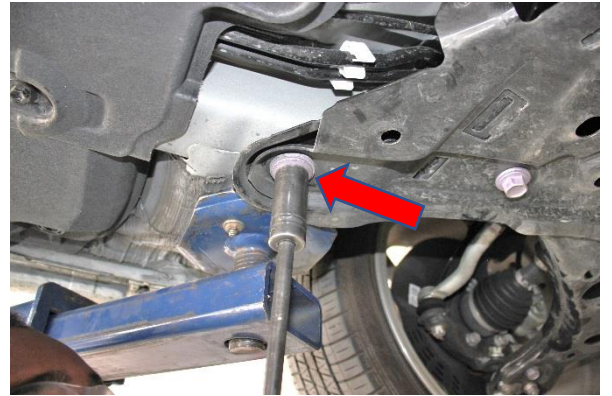
Step 23

Step 23. Secure the O2 sensor wire bracket to the subframe with the OE hardware.



Step 24

Step 24. You can now raise the subframe up the rest of the way, making sure everything is properly aligned and nothing is binding, then, secure the passenger side rear subframe mount with the OE bolt.



Step 24b

Step 24b. Secure the driver side rear subframe mount with the OE bolt.



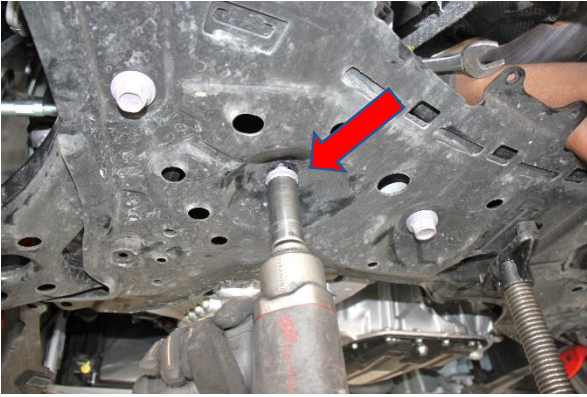
Step 24c

Step 24c. Secure both the left and right side forward subframe mounts with the OE hardware.



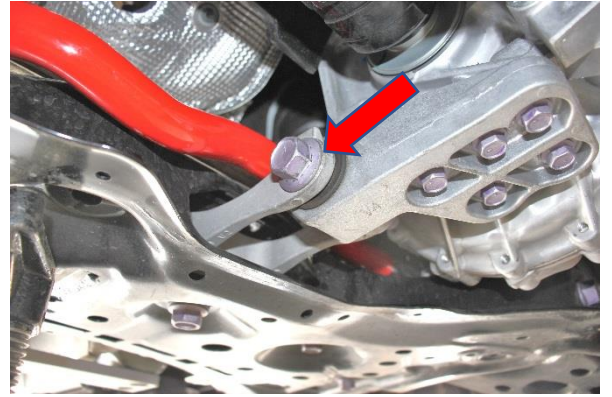
Step 25

Step 25. Make sure the steering rack is properly aligned and everything is clear, then, loosely secure the passenger side of the steering rack with the OE bolt.



Step 25b

Step 25b. Secure the driver side of the steering rack with OE bolt, then, proceed to tighten the passenger side as well.



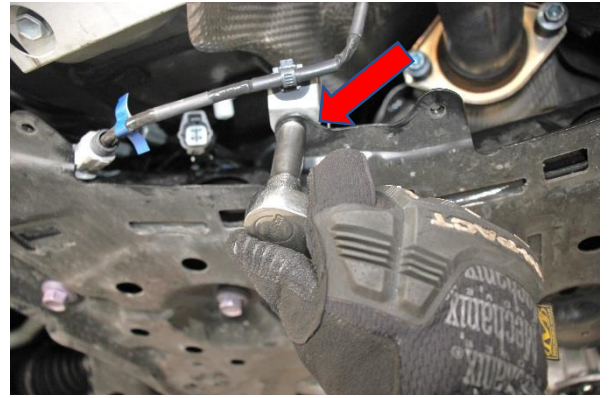
Step 26

Step 26. Secure the torque stick with the OE bolt.



Step 27

Step 27. Secure the end links to the ends of the OE bar with the OE hardware.



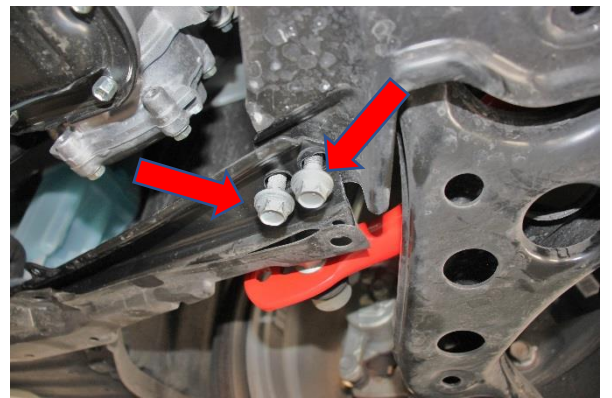
Step 28

Step 28. Secure the O2 wire sensor wire bracket to the subframe with the OE screw.



Step 29

Step 29. Reconnect the O2 sensor wire connection.



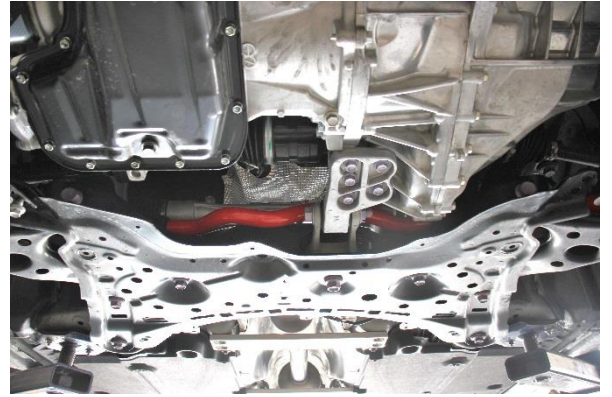
Step 30

Step 30. Secure the subframe brace to the subframe with the OE hardware.



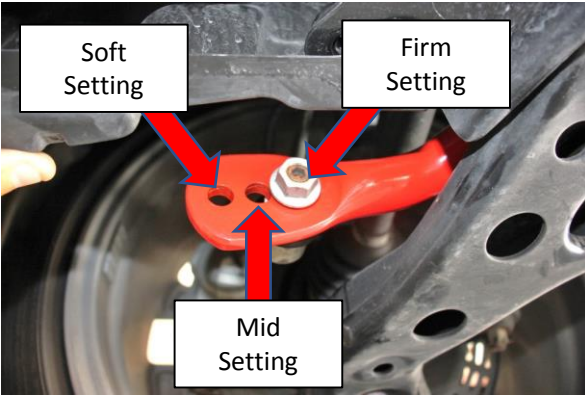
Step 30b

Step 30b. Secure the subframe brace to the core support with the OE hardware.



Step 31

Step 31. Doublecheck to make sure everything is properly tightened and positioned, then, reinstall the underbody cover and test drive the vehicle, then, retighten if necessary.



Tuning Your Front Bar

General guidelines for settings are as follows: Increasing the rate (stiffening) the front stabilizer (sway) bars reduce front chassis roll and increase steering response. Adjusting this disproportionately to the rear bar may induce understeer or “pushing” through turns

Our Anti-Roll-Kit is designed with multiple end-link mounting locations to allow adjustment of vehicle balance front to rear. All Eibach stabilizer bars are designed with improved performance in mind and engineered with increased rate over the factory equipped stabilizer bars, even at the softest settings.

When making adjustments, moving the end-link mounting position further away from the center of the bar creates a longer lever arm, thus making the setting “softer”. When moving the end-link mounting position closer to the center of the bar creates a shorter lever arm, thus making the setting “stiffer”.