

Installation Instructions

Eibach Springs, Inc. • 264 Mariah Circle • Corona, California 92879-1751 • USA • Tech Support 800-222-8811 Ext 114

Anti-Roll-Kit # E40-35-023-02-10

2016-17 Ford Focus RS

Kit Contents	Description	Part Number	Qty
	Front Bar	AS41-35-023-02-FA	1
	Anti-Roll Hardware Kit	E40-35-023-01-FHK	1
	Information Kit	EPAK	1
	Instructions	E40-35-023-02-10INST	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.
- **Tire Rotation:** In order to increase the life of your tires, it is recommended to rotate your tires every 3,000 miles.

FACTORY FRONT BAR REMOVAL

1. Begin by raising the vehicle and supporting it with the proper safety equipment, then, remove the front wheels. **Note: Never work on or under a vehicle that is not supported by the proper safety equipment.**

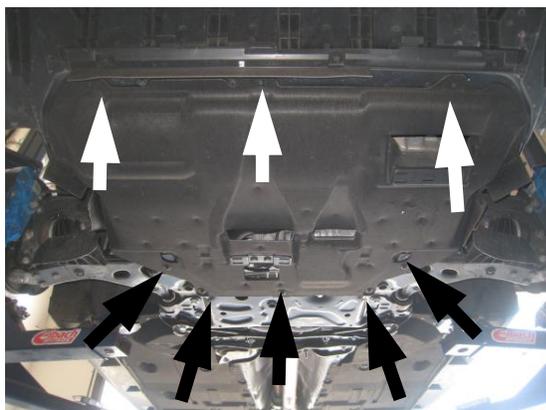


Photo 1



Photo 2



Photo 3



Photo 4

2. Remove the misc. screws and plastic rivets that secure the underbody cover, then remove the underbody cover as shown. (See Photos 1, 2, 3 & 4)

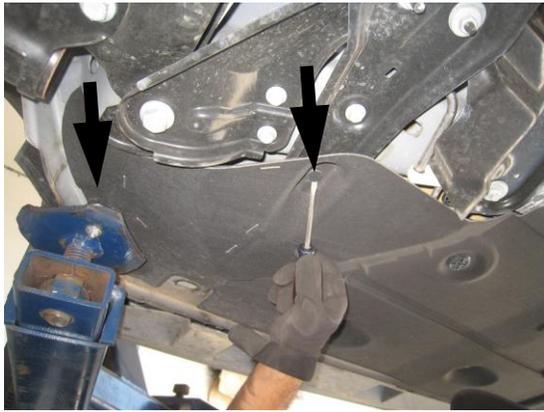


Photo 5



Photo 6



Photo 7

3. Remove the plastic rivets that secure the left and right side underbody covers, then, pull the covers downward as shown. **Note: Only the forward portion of the cover needs to be lowered to gain access to the rear subframe brace attachment hardware. (See Photos 5, 6 & 7)**



Photo 8



Photo 9

4. Loosen and remove the nuts that secure both the left and right side end links to the struts. **(See Photos 8 & 9)**

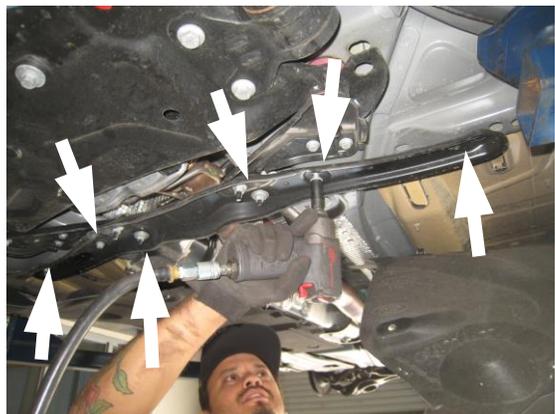


Photo 10



Photo 11

5. Remove the four nuts and four screws that secure the rear main subframe brace, then, remove the brace as shown. **(See Photos 10 & 11)**



Photo 12



Photo 13

6. Remove the hardware that secures the forward subframe brace, then, remove the brace as shown. **(See Photos 12 & 13)**



Photo 14

7. Loosen and remove the two screws that secure the exhaust hanger to the subframe. **(See Photo 14)**



Photo 15



Photo 16

8. Loosen and remove the hardware that secures both the left and right side subframe brackets, then, remove the brackets. **(See Photos 15 & 16)**



Photo 17

9. Loosen and remove the bolt that secures the transaxle to the subframe. (See Photo 17)



Photo 18



Photo 19

10. Disconnect the electrical connection for the steering rack on the passenger side and unclip the wire harness from the driver side upper subframe mount. **Note: This is done to prevent any stretching of the wiring during the lowering of the subframe.** (See Photos 18 & 19)



Photo 20

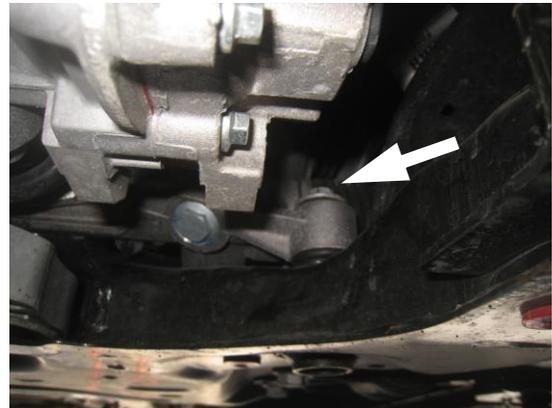


Photo 21

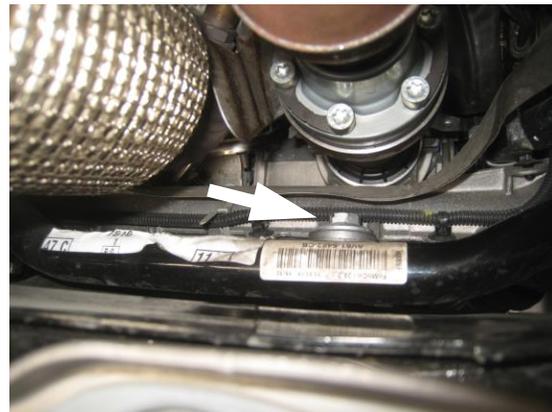


Photo 22

11. Loosen and remove the three bolts that secure the steering rack to the subframe. (See Photos 20, 21 & 22)

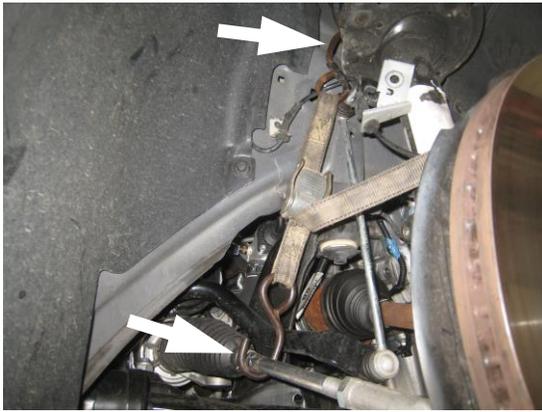


Photo 23

12. Use some ratchet or tie down straps and secure both the left and right side tie rods to the strut assembly. **Note: This is done to keep the steering rack properly positioned/supported when lowering the subframe, failure to do so can cause damage to the steering rack. (See Photo 23)**



Photo 24



Photo 25

13. Place the screw jack directly below the subframe, then, loosen and remove the left and right side forward subframe bolts. **(See Photos 24 & 25)**



Photo 26

14. You can now slowly lower the subframe, making sure its not binding on anything. **(See Photo 26)**



Photo 27

15. You can now loosen and remove the hardware that secures the bushing brackets to the subframe. **(See Photo 27)**



Photo 28



Photo 29

16. You can now remove the factory bar from the vehicle by sliding it out the back of the subframe as shown. (See Photos 28 & 29)

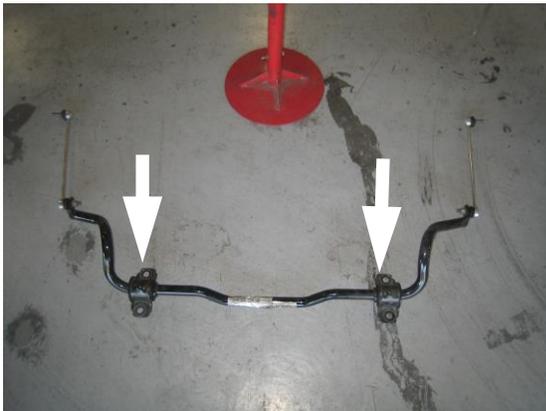


Photo 30

17. Notice the orientation of the OE brackets as the holes on the brackets are offset and must be installed into the vehicle in the same orientation. Also note the orientation of the factory end links as they will need to be swapped over to the Eibach bar in the same orientation. (See Photo 30)

EIBACH FRONT BAR INSTALLATION



Photo 31



Photo 32

1. Apply some of the provided lube to the inside of the front bushings, then, install the bushings onto the bar. (See Photos 31 & 32)



Photo 33



Photo 34

2. Remove the OE end links from the factory bar, then, install them onto the Eibach bar in the same orientation as stock. (See Photos 33 & 34)



Photo 35



Photo 36



Photo 37

3. You can now reinstall the bar in reverse order of removal by sliding the bar into the subframe as shown. **(See Photos 35, 36 & 37)**



Photo 38



Photo 39



Photo 40

4. Install the OE bushing brackets and secure with the OE hardware. **(See Photos 38, 39 & 40)**



Photo 41

5. You can now slowly raise the subframe upwards, making sure everything is properly aligned and not binding on anything, then, secure the both the left and right side forward subframe mounts with the OE hardware. **Note: Do not tighten this completely as some final adjustment of the subframe may be necessary when installing the remaining subframe braces.** (See Photo 41)



Photo 42



Photo 43



Photo 44

6. Secure the steering rack to the subframe using the OE hardware. (See Photos 42, 43 & 44)



Photo 45



Photo 46

7. Secure the rear of the subframe using the left and right side subframe brackets and OE hardware as shown. (See Photos 45 & 46)



Photo 47

8. Reinstall the rear main subframe brace using the OE hardware. (See Photo 47)



Photo 48

9. Secure the exhaust hanger bracket to the subframe using the OE hardware as shown. (See Photo 48)

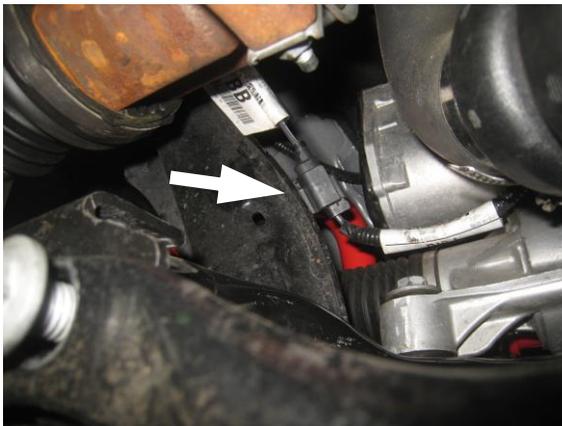


Photo 49

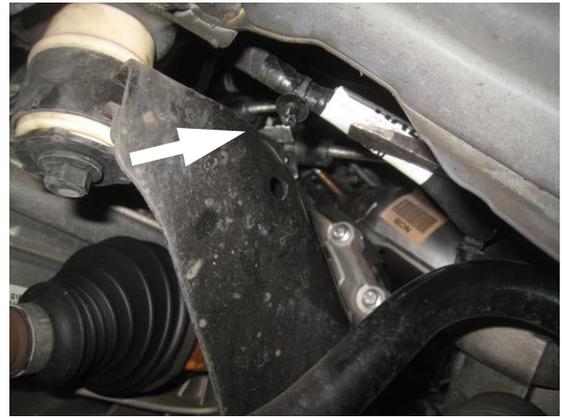


Photo 50

10. Reconnect the electrical connection to the steering rack, and clip the harness to the top of the subframe. (See Photos 49 & 50)



Photo 51

11. Secure the transaxle bracket with the OE hardware. (See Photo 51)



Photo 52

12. Reinstall the forward subframe brace using the OE hardware. (See Photo 52)



Photo 53

13. Reconnect the end links to the struts using the OE hardware. **(See Photo 53)**



Photo 54



Photo 55

14. Double check to make sure everything is properly positioned and tightened, then, reinstall/secure the underbody covers **(See Photos 54 & 55)**
15. After road testing, double check all hardware to make sure everything is properly tightened and positioned.

Installation Instructions

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Anti-Roll-Kit # E40-35-023-02-01

2016-17 Ford Focus RS

Kit Contents	Description	Part Number	Qty
	Rear Bar	AS41-35-023-02-RA	1
	Anti-Roll Hardware Kit	E40-35-023-01-RHK	1
	Information Kit	EPAK	1
	Instructions	E40-35-023-02-INST	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.
- Tire Rotation: In order to increase the life of your tires, it is recommended to rotate your tires every 3,000 miles.

FACTORY REAR BAR REMOVAL

1. Raise the vehicle and support it with the proper safety equipment. **Note: Never work on or under a vehicle that is not supported by the proper safety equipment.**



Photo 1

2. Disconnect the end links from both ends of the bar. (See Photo 1)



Photo 2



Photo 3



Photo 4

3. Loosen and remove the hardware that secures both the left and right side subframe brackets as shown, then, remove the brackets. (See Photos 2, 3 & 4)

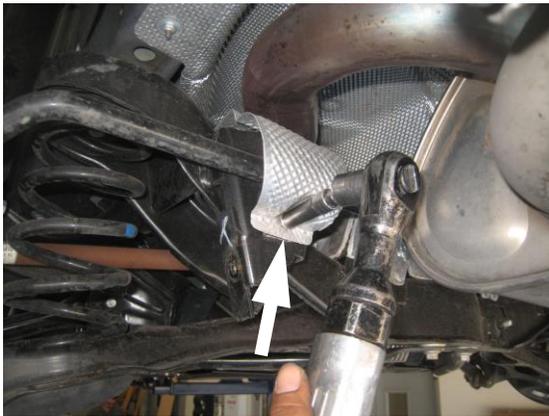


Photo 5



Photo 6

4. Remove the driver side bushing bracket heat shield as shown. (See Photos 5 & 6)

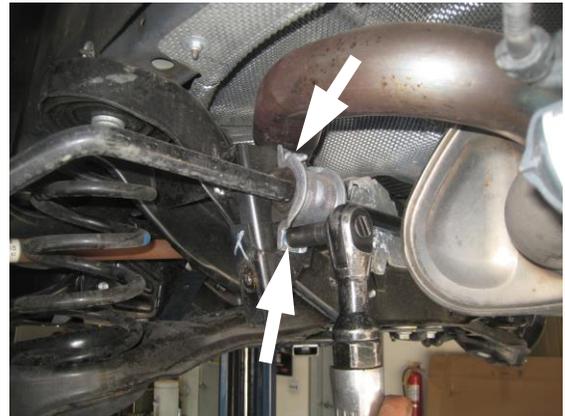


Photo 7



Photo 8

5. Loosen and remove the hardware that secures both the left and right side bushing brackets, then, remove the OE anti-roll bar. (See Photos 7 & 8) Note: Be sure to note the orientation of the OE anti-roll bar as the Eibach bar will be installed in the same orientation.

EIBACH REAR BAR INSTALLATION



Photo 9

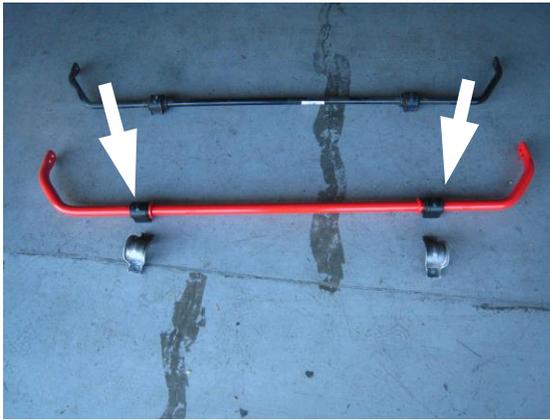


Photo 10

6. Apply some poly lubricant to the inside of the supplied Eibach bushings, then, install the bushings onto the Eibach bar. (See Photos 9 & 10)



Photo 11



Photo 12

7. You can now install the Eibach bar in the reverse of the removal of the OE bar. **Note: Be sure to reinstall the bar in the same orientation as the OE bar as specified in step 5 of the removal process.** (See photos 11 & 12)



Photo 13

8. Secure the Eibach bar using the OE brackets and the OE hardware. (See Photo 13)



Photo 14

9. Secure the end links to the ends of the bar using the OE hardware. (See Photo 14)



Photo 15

10. Reinstall the driver side heat shield. (See Photo 15)



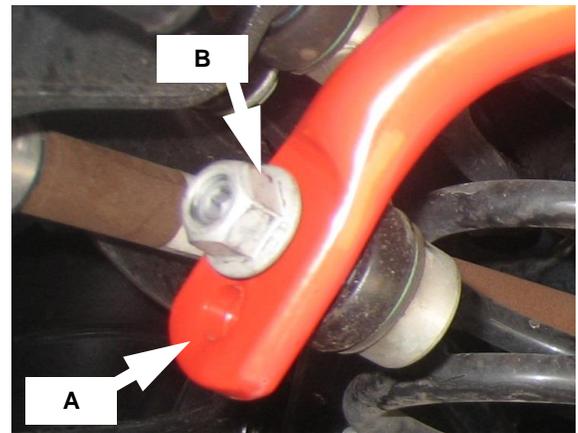
Photo 16

11. Reinstall the left and right side subframe brackets using the OE hardware. **(See Photo 16)**



12. Double check to make sure everything is properly positioned and tightened, then, do a road test.
13. After road testing, double check all hardware to make sure everything is properly tightened and positioned.

Tuning The Rear Bar.



- a) Softest Setting.
 - Reduces over-steer
 - Use in rain or on slick roads.
 - Use on rough or bumpy roads.
 - Increases comfort.
- b) Firmest Setting.
 - Reduces under-steer
 - Use on dry roads and tracks.
 - Use on smooth roads and tracks.
 - Do not use on wet or slick roads