

# Installation Instructions

## PRO-KIT # 85117.140

2015 Volkswagen GTI, MKVII, 2.0 TFSI

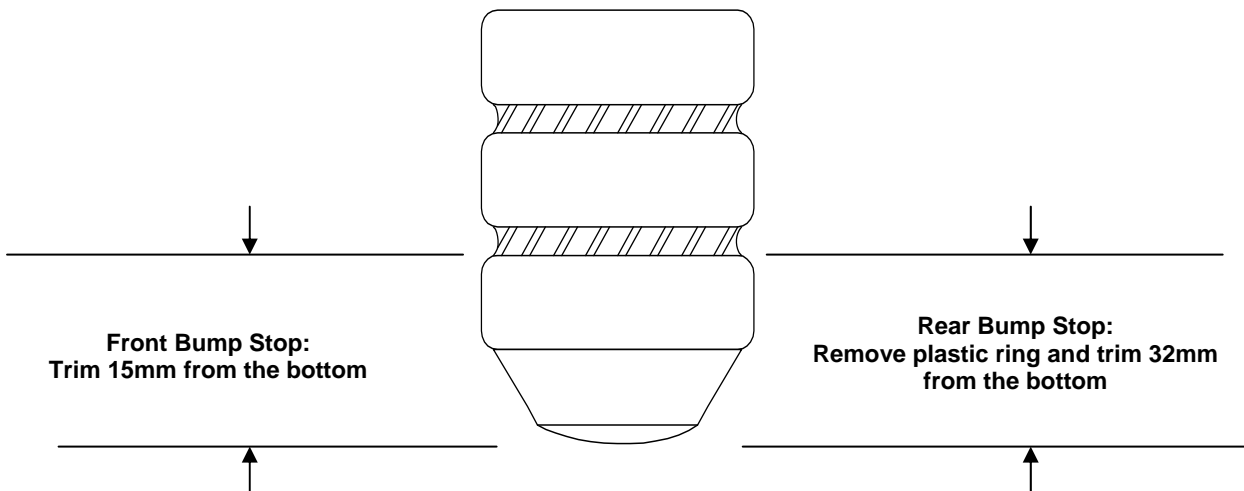
Kit Contents	Description	Part Number	Qty
	Front Spring	85117.001	2
	Rear Spring	85117.002	2
	Information Kit	EPAK	1
	Instructions	85117.140INST	1

### 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 is highly recommended and will substantially reduce installation time.
- **Never work on or under a vehicle unless it is properly supported by safety stands and wheels are blocked.**
- **Never use impact wrenches or impact guns** to install or remove shock absorber piston components, shafts and piston rod nuts.
- **PRO-KIT** springs should be installed with the Eibach Logo right side up. All original stock spring isolators, dampers and tubing should be retained from the stock springs and used when installing the **PRO-KIT** Springs.
- **After** installation, it is always important to inspect and adjust the following if necessary:
  - Wheel alignment such as camber, caster & toe
  - Tire and/or wheel fender clearance, when aftermarket tires and wheels are used.
  - Brake line clearance and attachments
  - Brake anti-locking and anti-skid system sensors
- **Tire Rotation:** In order to increase the life of your tires, it is recommended to rotate your tires every 3,000 miles.
- **For MacPherson Strut type front suspension,** it is important to mark the orientation of the upper perch with respect to the lower perch before disassembly. This orientation must remain the same with the installation of the Pro Kit springs. Noise may result if this procedure is not performed correctly.

### Bump Stop Modification Instructions

Typical Bump-Stop  
(Bump-Stop from your vehicle may have different shape)



# Installation Instructions

## Anti-Roll-Kit # E40-85-041-01-01

2015-17 Volkswagen GTI, MkVII

Kit Contents	Description	Part Number	Qty
	Rear Bar	AS41-85-041-01-RA	1
	Anti-Roll Hardware Kit	AS41-85-041-01-RHK	1
	Information Kit	EPAK	1
	Instructions	E40-85-041-01-01INST	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



Photo 2



Photo 3

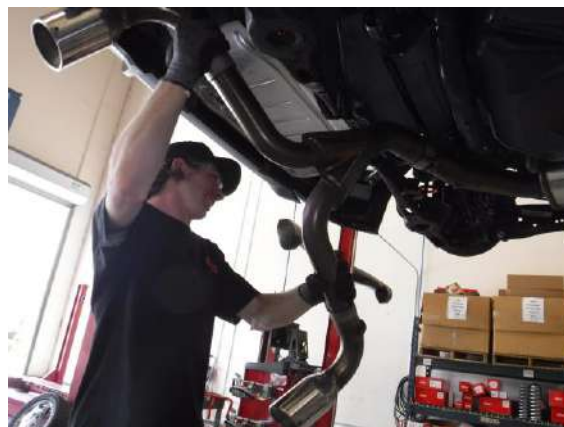


Photo 4

2. Remove the OE exhaust from the vehicle as this will help in the removal of the OE anti-roll bar. (See Photos 1, 2, 3 & 4)



Photo 5

3. Disconnect the end links from both the left and right side lower control arm. (See Photo 5)



Photo 6



Photo 7

4. Loosen and remove the hardware that secures both the left and right side bushing brackets, then, remove the bar as shown. **Note: Be careful to note the orientation of the OE bar as the Eibach bar will be installed in the same orientation.** (See Photos 6 & 7)

## EIBACH REAR BAR INSTALLATION



Photo 8



Photo 9

5. Apply some poly lubricant to the inside of the supplied Eibach bushings, then, install the bushings and OE bushing brackets onto the Eibach bar. (See Photos 8 & 9)



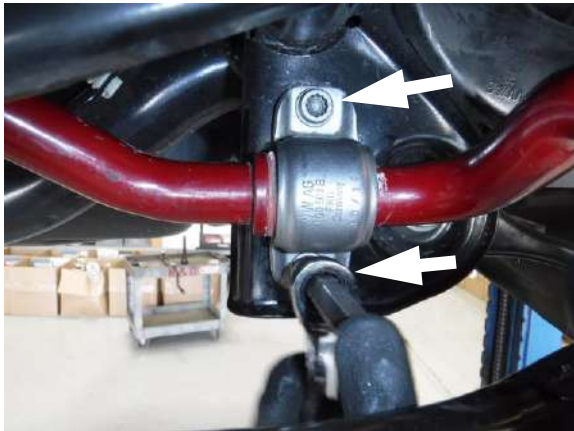
Photo 10

6. Install the left and right side end links to the Eibach bar using the OE hardware. (See Photo 10)



**Photo 11**

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 4 of the removal process. (See Photo 11)**



**Photo 12**

8. Secure the Eibach bar using the OE brackets and the OE hardware. **(See Photo 12)**



**Photo 13**

9. Secure the end links to the ends of the bar using the OE hardware. **(See Photo 13)**



**Photo 14**



**Photo 15**

10. Reinstall and secure the OE exhaust using the OE hangers and clamps. **(See Photos 14 & 15)**
11. Double check to make sure everything is properly positioned and tightened, then, do a road test.
12. After road testing, double check all hardware to make sure everything is properly tightened and positioned.

# Installation Instructions

## **Anti-Roll-Kit # E40-85-041-01-10**

**2015-18 Volkswagen GTI, MkVII**

**2015-18 Volkswagen Golf Hatchback, Base/TDI & Sportwagen 1.8T, Multi Link Rear only, MKVII**

Kit Contents	Description	Part Number	Qty
	Front Bar	AS41-85-041-01-FA	1
	Anti-Roll Hardware Kit	AK41-85-041-01-FA	1
	Information Kit	EPAK	1
	Instructions	E40-85-041-01-10INST	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.

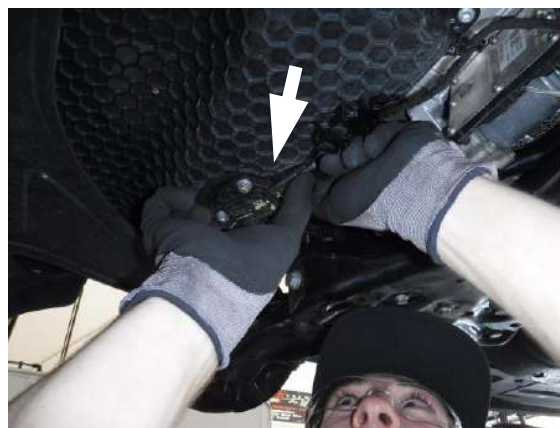
### **FACTORY FRONT BAR REMOVAL**

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**

2. Use a tie down strap to secure the tie rod ends to both the left and right side spring/strut assembly as shown. **Note: This is necessary as the steering rack will need to be unbolted, and the subframe lowered downward to gain access to the front anti-roll bar.** (See Photo 1)



**Photo 2**

3. Disconnect the electrical connection at the bottom of the oil pan. **Note: This is necessary so that the electrical connection is not stretched or damaged when lowering the subframe.** (See Photo 2)



**Photo 3**



Photo 4

4. Unclip the electrical harness from the oil pan/engine block, then, disconnect the electrical connection at steering rack module. **Note: This is necessary so that the electrical connection is not stretched or damaged when lowering the subframe. (See Photos 3 & 4)**



Photo 5



Photo 6

5. Loosen and remove the nuts that secure both the left and right side end links to the ends of the anti-roll bar, then, disconnect the end links from the bar. **(See Photos 5 & 6)**



Photo 7

6. Loosen and remove the two screws that secure the exhaust hanger bracket to the subframe as shown. **(See Photo 7)**

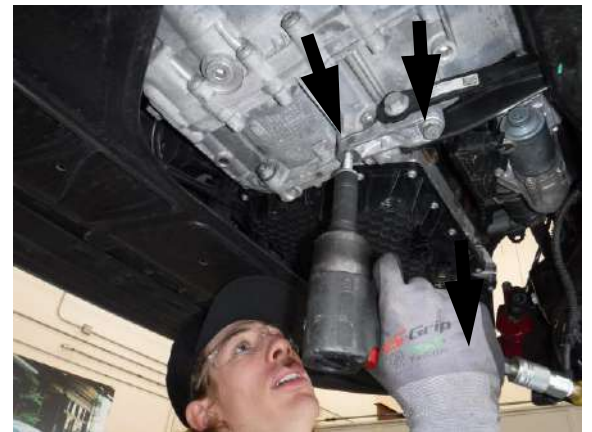


Photo 8

7. Loosen and remove the hardware that secures the transmission mount as shown. **(See Photo 8)**



Photo 9



**Photo 10**

8. Loosen and remove the left and right side steering rack bolts as shown. (See Photos 9 & 10)



**Photo 11**



**Photo 12**

9. Loosen and remove the four screws that secure the left and right bushing brackets to the subframe. (See Photos 11 & 12)



**Photo 13**

10. Using a screw jack, support the subframe as shown. (See Photo 13)



**Photo 14**



**Photo 15**

11. Loosen and remove the hardware that secures the left and right side rear subframe braces. (See Photos 14 & 15)



Photo 16



Photo 17

12. Loosen and remove the two forward subframe bolts that are located just above the lower control arm. (See Photos 16 & 17)

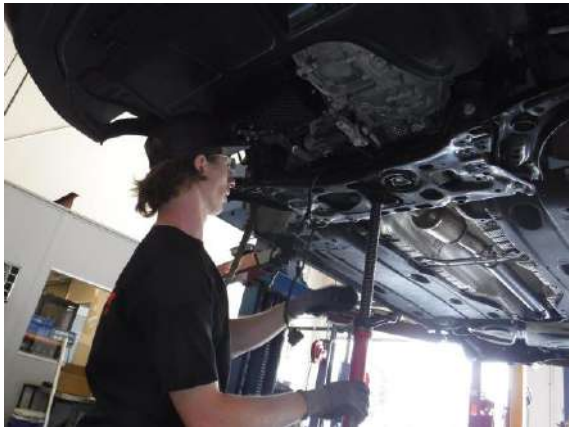


Photo 18



Photo 19



Photo 20



Photo 21

13. You can now slowly lower the subframe, then, carefully remove the front anti roll bar. **Note: Be careful to note the orientation of the OE bar as the new Eibach bar will be installed in the same orientation.** (See Photos 18, 19, 20 & 21)



# EIBACH FRONT BAR INSTALLATION



Photo 22



Photo 23

1. Apply some of the provided lube to the inside of the front bushings, then, install the bushings and brackets onto the bar. (See Photos 22 & 23)



Photo 24



Photo 25



Photo 26



Photo 27

2. Install and center the provided spacers over the bushing bracket holes on the subframe, then, install the bar and secure it with the provided hardware as shown. (See Photos 24, 25, 26 & 27)



Photo 28



Photo 29

3. You can now slowly raise the subframe upwards, making sure everything is properly aligned and not binding on anything, then, secure 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 rear subframe mounts/braces. (See Photos 28 & 29)**

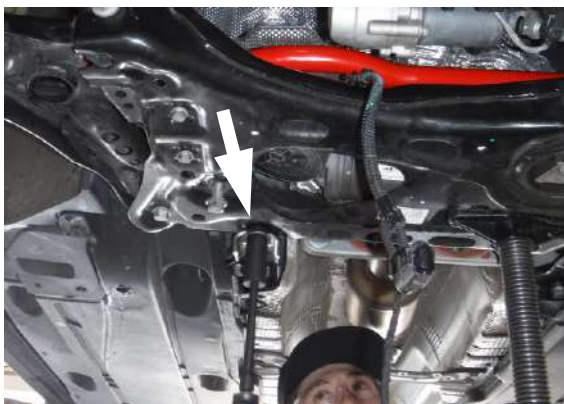


Photo 30



Photo 31

4. Secure the left and right side rear subframe mounts/braces using the OE hardware. **(See Photos 30 & 31)**



Photo 32

5. Secure the steering rack to the subframe using the OE hardware. **(See Photo 32)**



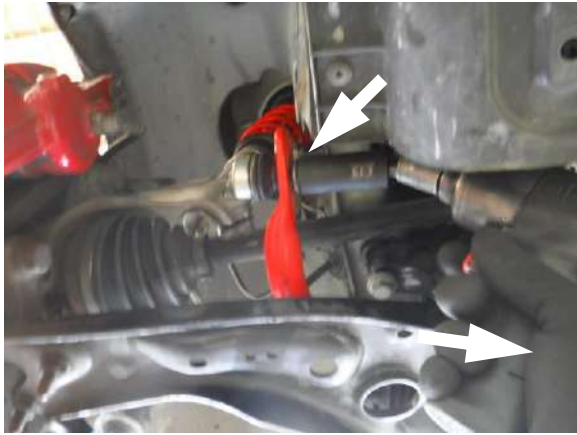
Photo 33

6. Secure the transmission mount using the OE hardware as shown. **(See Photo 33)**



**Photo 34**

7. Secure the exhaust hanger using the OE hardware. (See Photo 34)



**Photo 35**

8. Secure the left and right side end links with the OE hardware as shown. (See Photo 35)



**Photo 36**

9. Reconnect the electrical connection to the oil pan. (See Photo 36)



**Photo 37**

10. Reconnect the steering module electrical connection.. (See Photo 37)

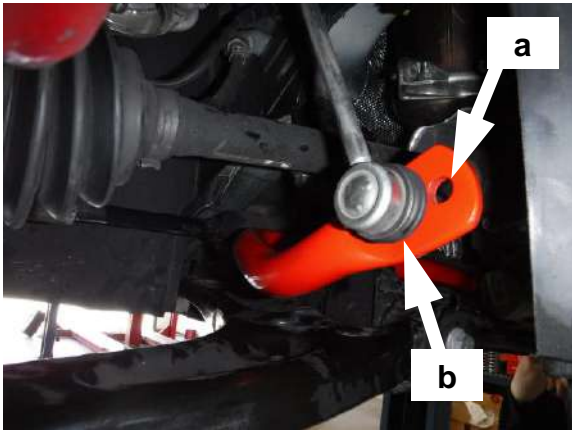


**Photo 38**

11. Secure the wire harness to the original locations as shown. (See Photo 38)
12. Remove the tie down straps that were used in **step 2, photo 1** of the removal process.



13. Double check to make sure everything is properly positioned and tightened, then, road test the vehicle.
14. After road testing, double check all hardware to make sure everything is properly tightened and positioned.



## **FRONT BAR ADJUSTMENT**

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