

Installation Instructions



Anti-Roll-Kit # 35101.312

Ford Mustang, S197, 2005 & Up – V8, V6, Coupe, Convertible

Kit Contents	Description	Part Number	Qty
	Rear Bar	35101.320R	1
	Anti-Roll Hardware Kit	35101.312HK	1
	Information Kit	EPAK	1
	Instructions	35101.312INST	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.
- **Installation time:** Is approximate 1.5 hours with the use of a hoist.
- **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.

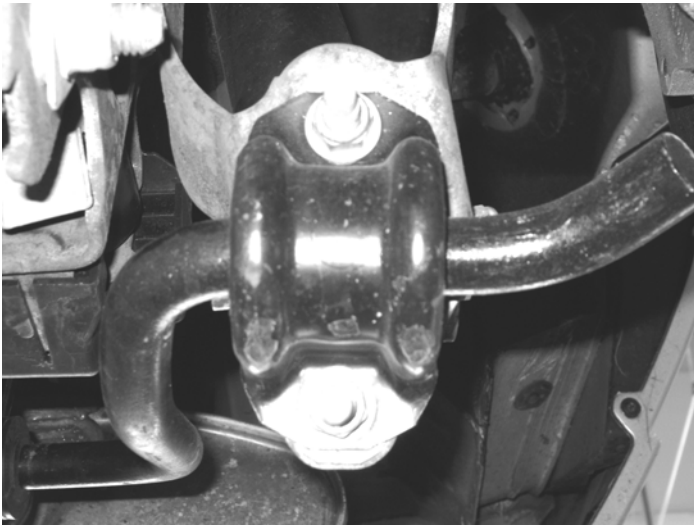
Additional Eibach Components Available For Your Car

Eibach Kits	Part Number	Description	Front	Rear
<i>Pro-Kit</i>	35101.140	High Performance Handling	1.3 In.	1.4 In.
<i>Sportline</i>	4.10135	Extreme Lowering	1.6 In.	2.0 In.



FACTORY REAR BAR REMOVAL & INSTALLATION

1. **Note:** 6cyl models not equipped with a factory rear anti-roll bar will go directly to step 4.
2. Remove the two outer clamps and bushings and factory hardware securing the end of the bar to the rear lower shock mounts. This factory hardware will not be reused. (See photos 4 & 5 on following page)

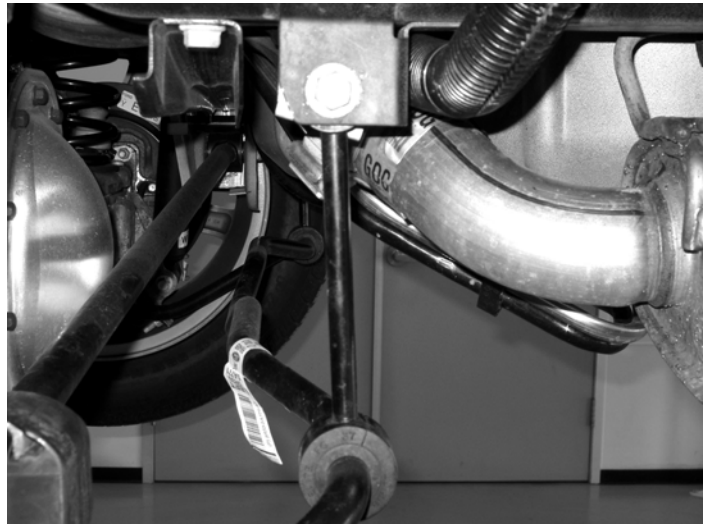


(Photo 4)



(Photo 5)

3. Next remove the top end link bolt securing the bar to the car, use caution, as the bar will become loose. Remove the rear bar from the car completely. (See photo 6)

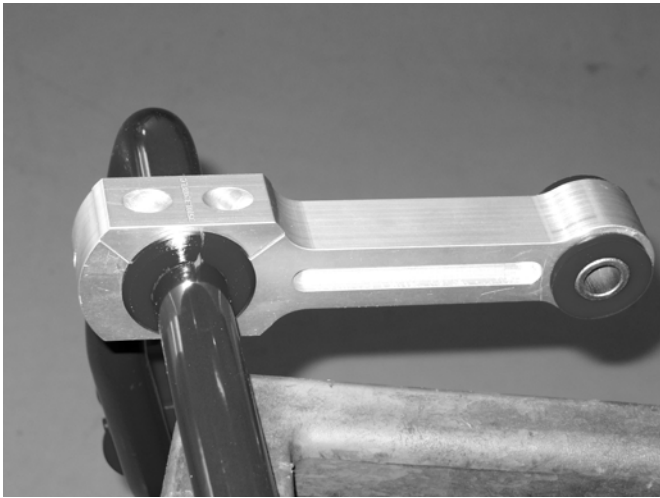


(Photo 6)

4. Now you are ready to assemble the new Eibach rear end links and secure them to the new Eibach rear bar. Using photo 6 as a guide apply the supplied lubricant to the inside of the new top end link bushings and install the bushing and sleeve in the link. Lubricate the inside portion of the lower bushings and install on the new Eibach rear bar. Attach end link to bar making sure the "cap" portion is towards the rear of the car. Install the assembly in the car with the new supplied bolt and nut. (See photos 7 & 8)

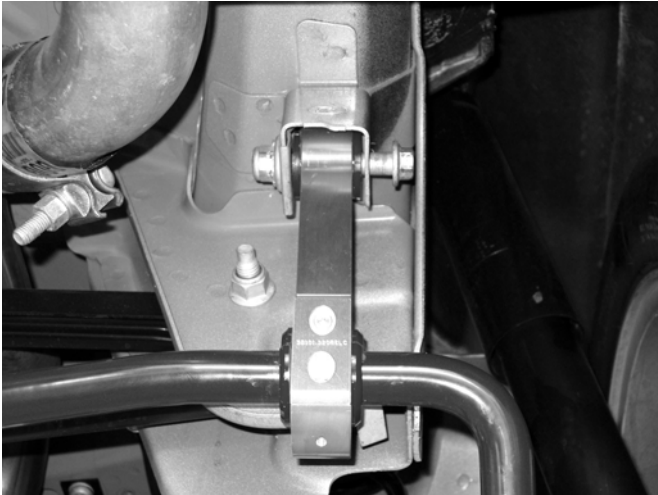


(Photo 7)



(Photo 8)

5. Install your new Eibach Anti-Roll bar in the car loosely by securing the end links to the factory mounts with the supplied nut and bolt for each side. (See photo 9 on following page)



(Photo 9)

6. Now you are ready to connect the ends of the bar to the rear lower shock mounts with the Eibach supplied hardware. Photo 10 shows the assembly order of the parts required to make this connection. (See photo 10)

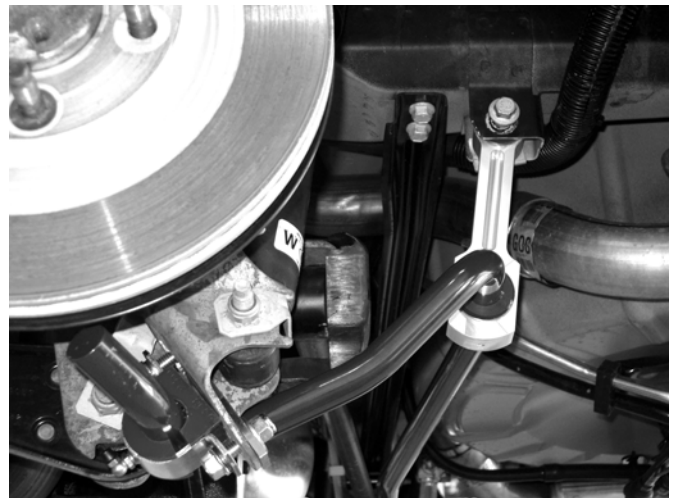


(Photo 10)

7. Lubricate the inside of the end bushings and install them on the bar with the "cut" portion towards the ground. Loosely secure the bushing clamp to the lower shock mount and backing plate with two bolts, four washers and two nylok nuts per side, do not tighten at this time. (See photos 11 & 12)



(Photo 11)



(Photo 12)

8. With all the above steps complete and rear connections still loose, re-install the wheels and tires and set car on the ground under it's own weight. With the car sitting under it's own weight or on a drive on type of hoist, tighten all connections in the rear. This is done to prevent bushing pre-load and premature wear of the bushings.

Installation Instructions



SPORTLINE - # 4.10135

2005-2007 Ford Mustang GT & V6 Hard Top

2007 Shelby GT500 Models

Kit Contents	Description	Part Number	Qty
	Front Spring	4.10135F	2
	Rear Spring	4.10135R	2
	Front Bumpstop	770034	2
	Front Dust Boot	770041	2
	Rear Bumpstop	45001617	2
	Information Kit	EPAK	1
	Instructions	4.10135INST	1

NOTES: **Read All Instructions Before Beginning Installation**

- Installation of a **SPORTLINE** Spring set should only be performed by a qualified mechanic experienced in the installation and removal of suspension springs.
- 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.**
- **SPORTLINE** Springs are marked with **F** and **R** (located at the end of the part number) designating front and rear spring respectively.
- **SPORTLINE** 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 reused
- **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.
 - Brake line clearance and attachments.
 - Brake anti-locking and anti-skid system sensors.
- **Tire Rotation:** To increase the life of your tires, it is recommended to rotate your tires every 3,000 miles.

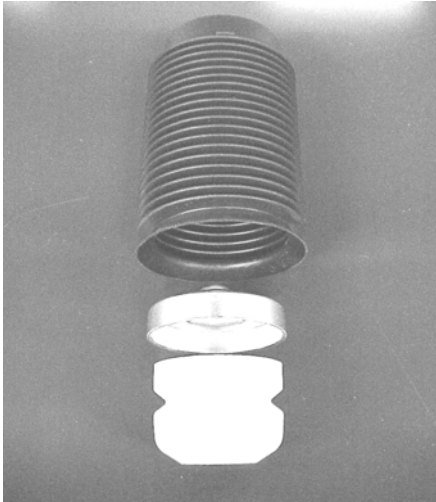
Alignment:

- After installation, it will be necessary to perform a full vehicle alignment using factory specifications.



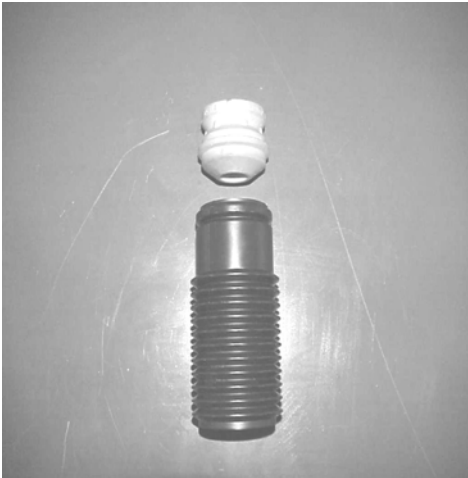
Bumpstop Instructions:

1. Remove and discard the OE front bumpstop, dust boot and metal cup assembly when installing front springs.



(OE front bumpstop / cup / boot)

2. Snap new **Eibach** boots onto new **Eibach** bumpstops and reinstall in the same fashion as the factory parts on the front strut assemblies.



(Eibach front bumpstop / Eibach boot)

1. Remove the factory bumpstop and plate from the rear axle.



(OE rear bumpstop and plate)

2. Remove and discard the OE bumpstop, retain the mounting plate.



(OE bumpstop separated from mounting plate)

3. Install the new **Eibach** bumpstop in the OE mounting plate, and reinstall in the car.



(Eibach bumpstop / OE plate)

Installation Instructions



Anti-Roll-Kit # 35101.310

Ford Mustang, S197, 2005 & Up – V8, V6, Coupe, Convertible
2007 Shelby GT500

Kit Contents	Description	Part Number	Qty
	Front Bar	35101.320F	1
	Anti-Roll Hardware Kit	35101.310HK	1
	Information Kit	EPAK	1
	Instructions	35101.310INST	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.
- **Installation time:** Is approximate .5 hours with the use of a hoist.
- **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.

Additional Eibach Components Available For Your Car

Eibach Kits	Part Number	Description	Front	Rear
<i>Pro-Kit</i>	35101.140	High Performance Handling	1.3 In.	1.4 In.
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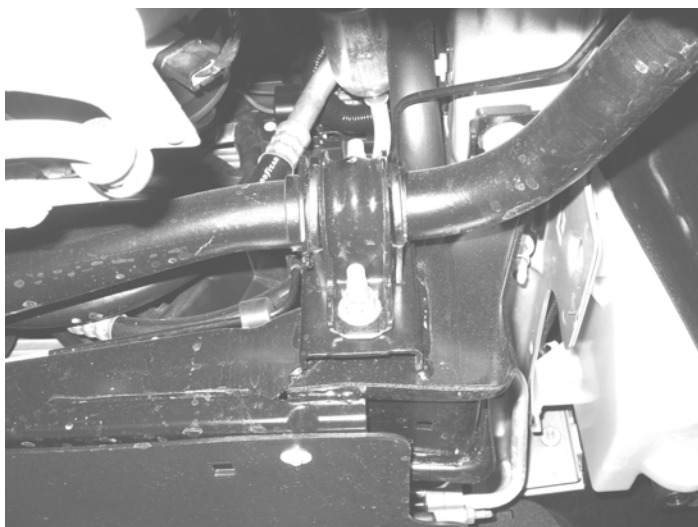


FACTORY FRONT BAR REMOVAL & INSTALLATION

1. With the vehicle safely supported, remove all 4 wheels. Disconnect the front end links from the factory front bar on both sides. Remove the center frame mount bushing securing both sides of the bar to the frame. (See photos 1&2)



(Photo 1)



(Photo 2)

2. Remove the bar from the car. Lubricate the inside of the new supplied bushings and install on the bar with the "cut" portion towards the ground adjacent to the locating collars. Install new Eibach bar in car in the reverse order of removal.
3. The Eibach front bar is three position adjustable, before connecting the end link to the bar see the guide below. (See photo 3)



(Photo 3)

TUNING YOUR EIBACH FRONT BAR

FRONT

- a) Full Rear / Softest Setting.
 - **Reduces** under-steer
 - Use in rain or on slick roads.
 - Use on rough or bumpy roads.
 - Increases comfort.
- b) Mid Setting / Street Performance Setting.
 - Tuning out under or over-steer.
 - For normal driving conditions.
 - Dry street driving.
 - Use with additional trunk weight.
- c) Full Forward / 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.