

Installation Instructions

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Eibach Pro Street-S Coilovers - #35101.711

2005-2010 Ford Mustang Coupe, V6 & V8, S197

2005-2010 Ford Mustang Convertible, V6 & V8, S197

Kit Contents	Description	Part Number	Qty
	Front Coil Over Assembly	35101.8100	2
	Rear Damper	35101.8200	2
	Rear Spring	35101.702	2
	Rear Adjustable Collar	8000451	2
	Rear Perch	8000155	2
	Rear Bump Stop	BS45001617	2
	Height Adjuster Tool 4mm	PDK4.TOOL	1
	Height Adjuster Tool 6mm	PDK6.TOOL	1

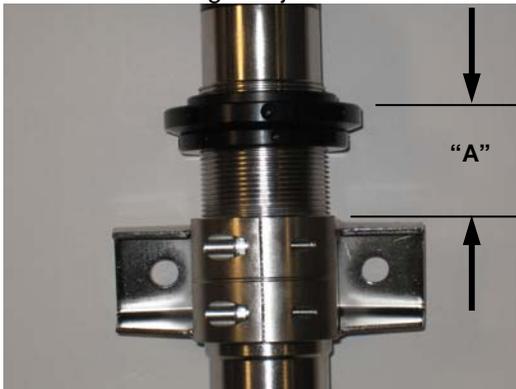
NOTES: Read All Instructions Before Beginning Installation

- **Installation of a Eibach Pro Street-S Coil-Over** set should only be performed by a qualified mechanic experienced in the installation and removal of suspension componentry.
- **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 guns** to install or remove shock absorber piston components, shafts and piston rod nuts.
- **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.
- **Height Adjustment** – Should be performed with the wheels completely off the ground and with the springs fully unloaded
- **Damper Disassembly** – The dampers should never be disassembled as it will cause permanent damage to the seals.

Tightening torque for piston rod nut

Thread Size	Nm	ft-lb	Thread Size	Nm	ft-lb	Thread Size	Nm	ft-lb
M8	25	18	M12 x 1.25	35	26	M14 x 1.50	50	37
M10 x 1.0	20	15	M12 x 1.50	40	29	M16 x 1.50	50	37
M10 x 1.25	20	15						

1. Front Height adjustment: "A" dimension-45mm = approx. 36mm drop at wheels
2. Rear Height adjustment: "B" dimension-40mm = approx. 46mm drop at the wheels





FRONT SUSPENSION REMOVAL

1. Raise the vehicle and firmly support it with jackstands. **Note: Never work on or under a vehicle without the appropriate safety stands**
2. After the vehicle is raised and supported at the frame by safety stands or a hoist, remove the front tires.
3. Remove the nut that secures the sway bar end link to the strut.
4. Remove the brake line from the back of the strut.
5. Loosen and remove the three OE nuts that secure the strut to the strut tower located in the engine compartment.
6. Remove the two bolts/nuts that secure the strut to the spindle, then, remove the strut from the vehicle.

7. Repeat this process on the opposite side.
8. Use a spring compressor to remove the OE upper strut mounts from the front struts. **(See Photo 1)**



Photo 1

FRONT SUSPENSION INSTALLATION



Photo 2

9. Install the OE upper strut mount onto the Eibach Pro Street Coilover and secure it with the provided nut as shown. **(See Photo 2)**



Photo 3

10. Install the Eibach Pro Street coilovers into the car in reverse order of removal and torque to factory specs. **Note: When installing, make sure the arrow/cutout on the upper strut mount is facing out towards the wheel. (See Photo 3)**
11. This concludes the installation of the front coil-overs.

REAR SUSPENSION REMOVAL

1. Using a floor jack or screw jack support the rear end housing.

2. Disconnect the lower shock mounts.
3. Disconnect the end links from the body of the vehicle.
4. Lower the rear end down, then, remove the rear springs.
5. From inside the rear trunk, remove the upper shock mounts nuts, then, remove the OE shocks.

REAR SUSPENSION INSTALLATION



Photo 4

6. Using the upper and lower OE spring isolators install the rear spring and adjustable collar into the vehicle, then raise the rear axle. **(See Photo 4)**
7. Install the new Eibach Dampers into the upper mounts using the new hardware provided, then secure the bottom with the OE hardware.
8. Replace the OE bump stops with the provided Eibach bump stops.
9. Secure the sway bar end links, which concludes the installation of the rear suspension.

Adjusting vehicle height

1. Before adjusting the vehicle height, raise the vehicle so that the wheels are completely off the ground.

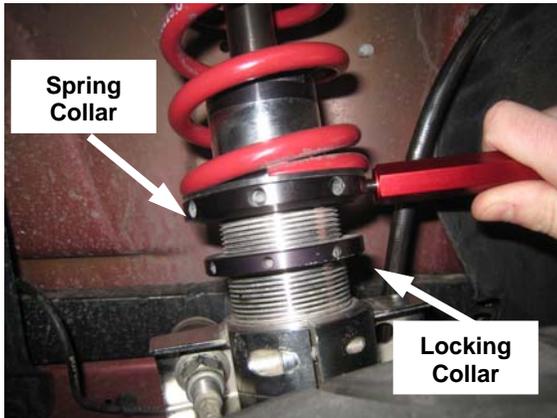


Photo 5

2. Using the provided adjustment tool rotate the front spring collar upwards or counter-clockwise to raise the vehicle, and downwards or clockwise to lower the vehicle. (See Photo 5)



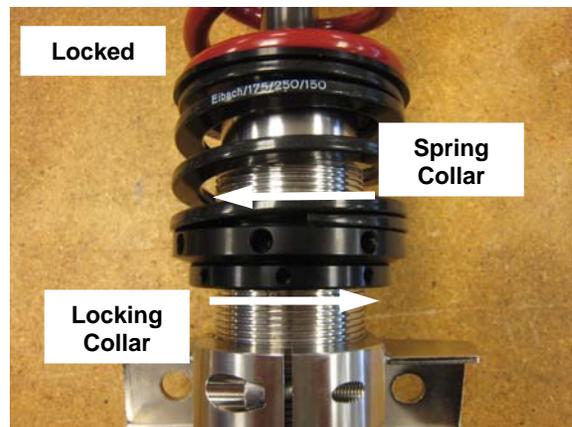
Photo 6

3. Rotate the locking collar up against the spring collar and apply just enough force to lock the two collars together. (See Photo 6)

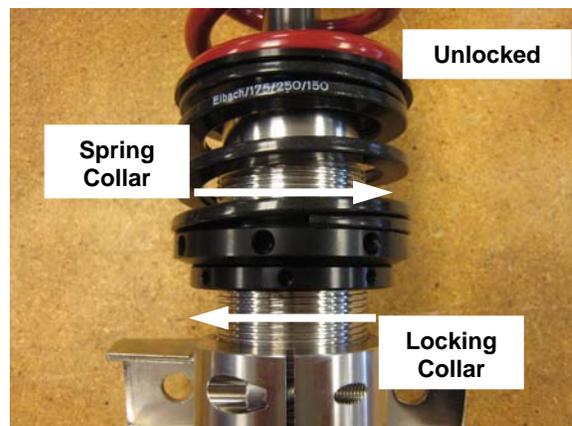


Photo 7

4. The rear spring collar is adjusted in the same manner as the front, rotating the spring collar upwards or counter-clockwise will raise the vehicle, and rotating it downwards or clockwise will lower the vehicle. (See Photo 7) **Note: The rear system doesn't require a locking collar.**



Rotating the collars in the direction shown will lock the collars



Rotating the collars in the direction shown will unlock the collars