

MULTI-PRO-R2 | INSTALLATION INSTRUCTIONS

Eibach Springs, Inc. | 256 Mariah Circle | Corona | California 92879-1751 | USA
T +1 951-256-8300
www.eibach.com



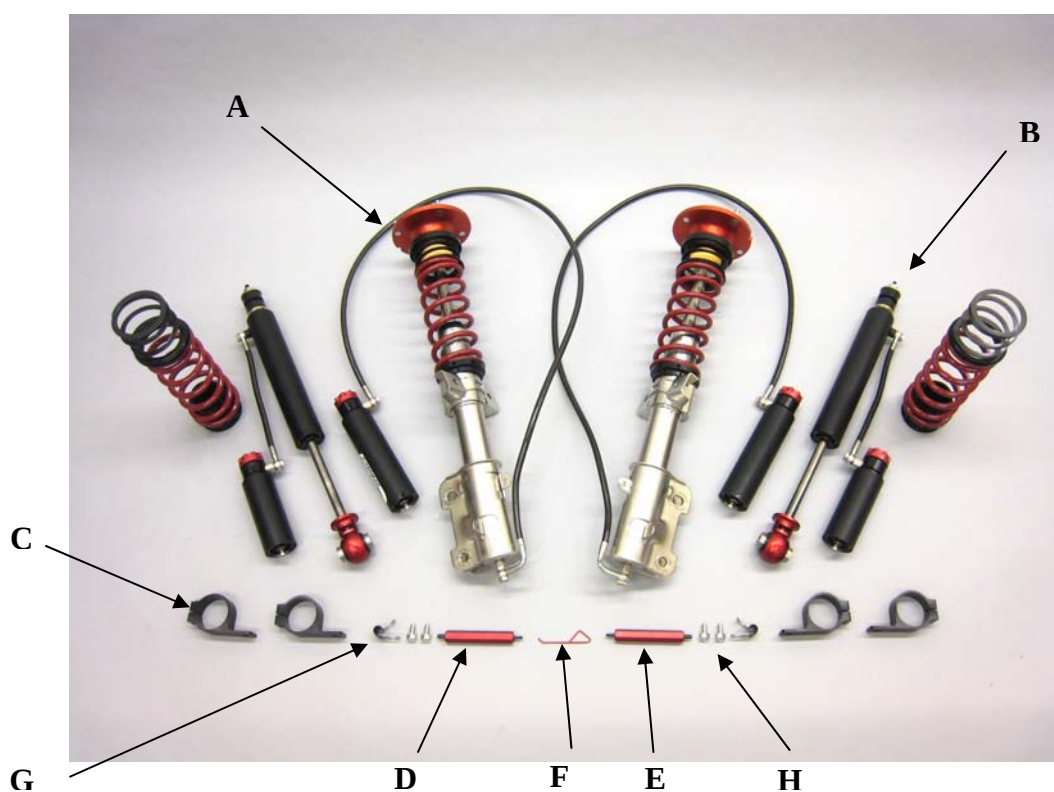
2011 Ford Mustang, 3.7L V6, 5.0L V8, Including convertible

PART NUMBER 35125.713

PARTS & HARDWARE LIST

PARTS AND TOOL LIST							
	Part Number	Description	Qty		Part Number	Description	Qty
A	35125.8300	DAMPER ASSEMBLY FRONT	2	E	PDK6.TOOL	6MM ADJUSTMENT TOOL	2
B	35125.8400	DAMPER ASSEMBLY REAR	2	F	PDR.TOOL	PRO DAMPER REBOUND ADJ. TOOL	1
C	UB0120	RESERVOIR CLAMP	4	G	8000184	ADELL CLAMP	2
D	PDK4.TOOL	4MM ADJUSTMENT TOOL	2	H	H21021612	5/16" SELF TAPING SCREW	4

PARTS IDENTIFIER



NOTES:

Read All Instructions Before Beginning Installation

- **Installation of a Eibach Multi-Pro Coil-Over** set should only be performed by a qualified mechanic experienced in the installation and removal of suspension components.
- **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.
- **Alignment:** After installation, you will need a full vehicle alignment to ensure proper tire wear and performance.
- **Height Adjustment** – Should be performed with the wheels completely off the ground and with the springs fully unloaded.

MULTI-PRO-R2 | INSTALLATION INSTRUCTIONS

Eibach Springs, Inc. | 256 Mariah Circle | Corona | California 92879-1751 | USA
T +1 951-256-8300
www.eibach.com



2011 Ford Mustang, 3.7L V6, 5.0L V8, Including convertible

PART NUMBER 35125.713

FRONT SUSPENSION REMOVAL

1. Raise the car off the ground and make sure it's properly supported with jack stands. **Note: Never work on or underneath a car that is not properly supported with safety stands.**
2. Remove the wheels from the vehicle.



Photo 1

3. Remove the nut that secures the end link to the strut. **(See Photo 1)**



Photo 2

4. Loosen and remove the screw that secures the brake line to the back of the strut. **(See Photo 2)**

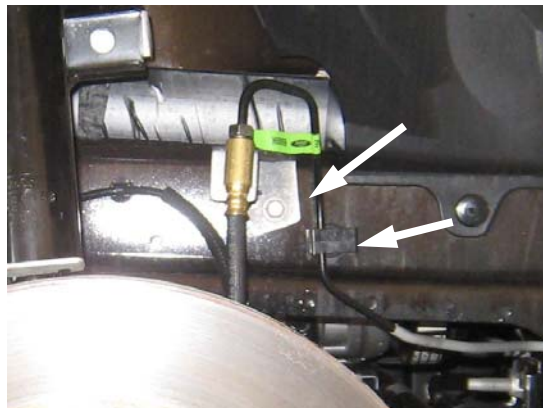


Photo 3

5. Remove the screw and plastic clip that secures the brake line to the inner fender. This will give you some slack to prevent any stretching or damage to the brake line when the suspension is dropped down. **(See Photo 3)**



Photo 4

6. Remove the nuts that secure the upper strut mount to the strut tower. **(See Photo 4)**

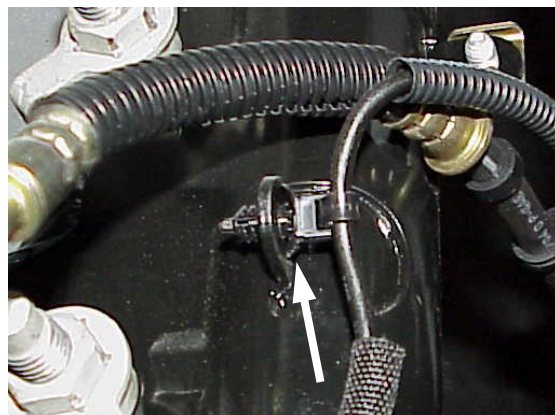


Photo 5

MULTI-PRO-R2 | INSTALLATION INSTRUCTIONS

Eibach Springs, Inc. | 256 Mariah Circle | Corona | California 92879-1751 | USA
T +1 951-256-8300
www.eibach.com



2011 Ford Mustang, 3.7L V6, 5.0L V8, Including convertible

PART NUMBER 35125.713

7. Remove the wheel speed sensor from the side of the strut. **(See Photo 5)**

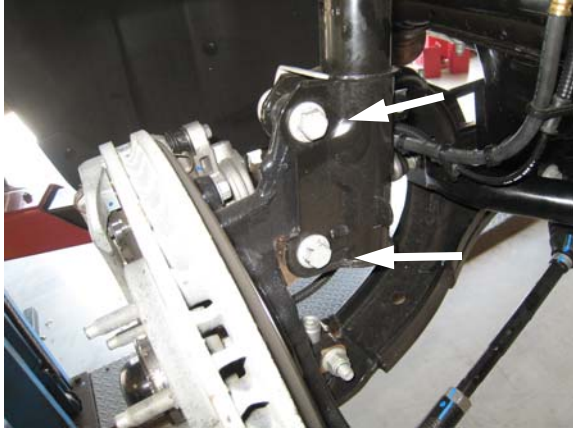


Photo 6

8. Remove the bolts that secure the strut to the knuckle, then, remove the strut from the vehicle. **(See Photo 6)**

9. Repeat this process on the other side.

FRONT SUSPENSION INSTALLATION



Photo 7

1. Install the Eibach Multi-Pro coilover into the vehicle and secure the upper mount to the strut tower using the provided hardware. Do not secure the forward innermost stud at this time. **Note: The notch on the upper mount should be facing out, towards the wheel. (See Photos 7 & 8)**

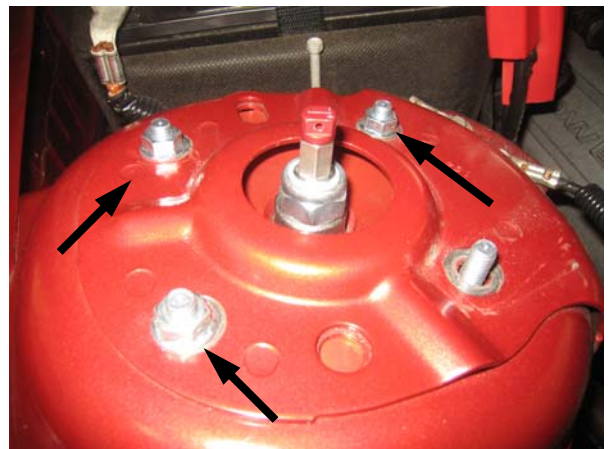


Photo 8



Photo 9

MULTI-PRO-R2 | INSTALLATION INSTRUCTIONS

Eibach Springs, Inc. | 256 Mariah Circle | Corona | California 92879-1751 | USA
T +1 951-256-8300
www.eibach.com



2011 Ford Mustang, 3.7L V6, 5.0L V8, Including convertible

PART NUMBER 35125.713

2. Secure the lower coilover mount to the knuckle using the OE hardware. **(See Photo 9)**



Photo 10

3. Secure the end link to the coilover using the OE nut. **(See Photo 10)**



Photo 11

4. Secure the brake line to the rear of the strut, and to the inner fender using the OE hardware. **(See Photos 11 & 12)**



Photo 13

5. Remove the plastic rivets and screws that secure the inner fender valance, then, remove the valance as shown. **(See Photo 13)**

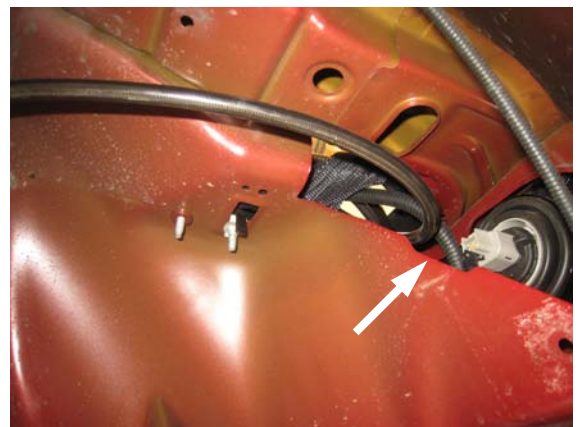


Photo 14



Photo 12



Photo 15

MULTI-PRO-R2 | INSTALLATION INSTRUCTIONS

Eibach Springs, Inc. | 256 Mariah Circle | Corona | California 92879-1751 | USA
T +1 951-256-8300
www.eibach.com



2011 Ford Mustang, 3.7L V6, 5.0L V8, Including convertible

PART NUMBER 35125.713



Photo 16

Use the provided zip ties to secure the reservoir line to the wire harness. **(See Photos 14, 15 & 16)**

7. Repeat this process on the opposite side.

6. Slide the reservoir through the inner fender and into the engine compartment, then, secure it to the strut tower using the provided reservoir clamp as shown.

REAR SUSPENSION REMOVAL



Photo 17

1. Support the rear axle using the appropriate safety equipment, then, disconnect the end link from the chassis. Repeat this on the opposite side, then, lower the anti roll bar downward. **(See Photo 17)**



Photo 18

2. Remove the bolt that secures the brake line to the inner fender as shown. Repeat this on the opposite side. **Note: This will prevent any stretching or damage to the brake lines when lowering the axle to remove the OE springs. (See Photo 18)**

MULTI-PRO-R2 | INSTALLATION INSTRUCTIONS

Eibach Springs, Inc. | 256 Mariah Circle | Corona | California 92879-1751 | USA
T +1 951-256-8300
www.eibach.com



2011 Ford Mustang, 3.7L V6, 5.0L V8, Including convertible PART NUMBER 35125.713



Photo 19

3. Remove the bolt that secures the lower shock mount as shown. Repeat this on the opposite side. **(See Photo 19)**
4. You can now lower the axle down and remove the OE springs.



Photo 20

5. Located in the trunk of the car behind the carpeting is the upper shock mount nut, remove the nut as shown, then, remove the shock from the vehicle. Repeat this on the opposite side. **(See Photo 20)**



Photo 21

6. Remove the screws that secure the OE bump stop assembly. **(See Photo 21)**



Photo 22

7. Place the OE bump stop assembly into a vice, then, pull firmly to remove the bump stop from the bump stop bracket. **Note: The bracket will be reused for the installation of the Eibach bump stop. (See Photo 22)**

MULTI-PRO-R2 | INSTALLATION INSTRUCTIONS

Eibach Springs, Inc. | 256 Mariah Circle | Corona | California 92879-1751 | USA
T +1 951-256-8300
www.eibach.com



2011 Ford Mustang, 3.7L V6, 5.0L V8, Including convertible

PART NUMBER 35125.713

REAR SUSPENSION INSTALLATION

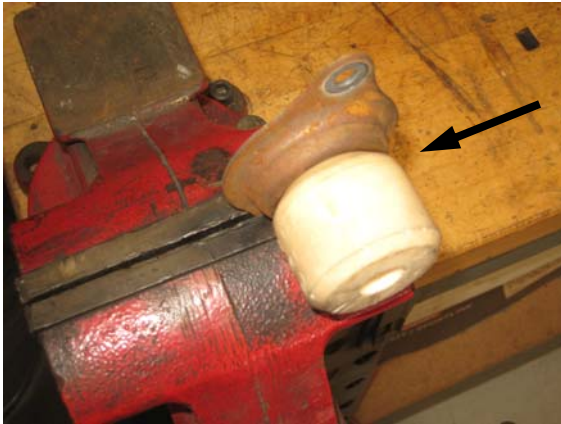


Photo 23

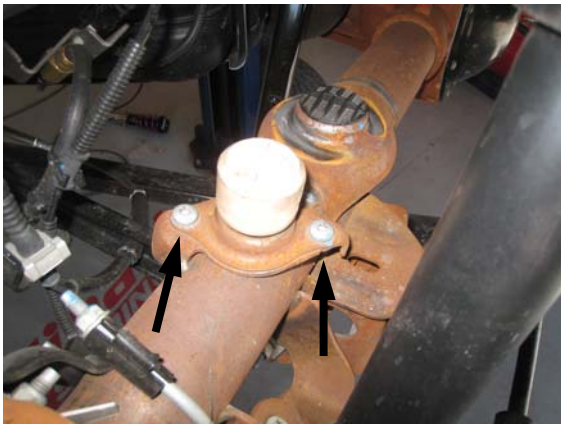


Photo 24

1. Install the provided Eibach bump stop into the OE bump stop plate, then, secure the bump stop assembly into the original location on the axle using the OE hardware. (See Photos 23 & 24)

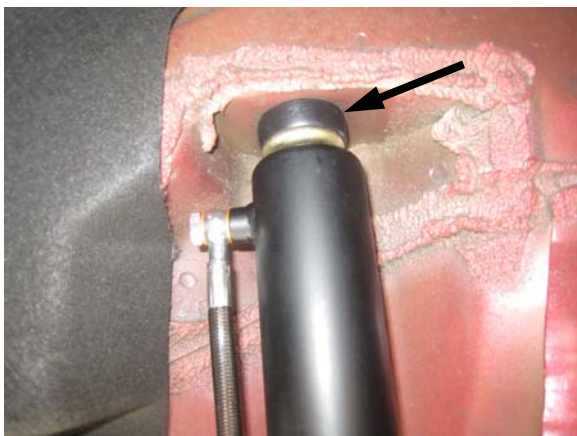


Photo 25



Photo 26

2. Install the Eibach Multi Pro R2 rear dampers into the upper mount in the inner fender, then, secure them with the provided hardware. (See Photos 25 & 26) **Note: Make sure to install the rear dampers with the reservoir line facing towards the rear of the vehicle.**



Photo 27



Photo 28

MULTI-PRO-R2 | INSTALLATION INSTRUCTIONS

Eibach Springs, Inc. | 256 Mariah Circle | Corona | California 92879-1751 | USA
T +1 951-256-8300
www.eibach.com



2011 Ford Mustang, 3.7L V6, 5.0L V8, Including convertible

PART NUMBER 35125.713

3. Install the Eibach rear spring assembly into the vehicle, reusing the OE upper and lower spring pads. **(See Photos 27 & 28)**



Photo 29

4. Raise the suspension upwards, making sure the springs are properly seated top and bottom, then, secure the lower shock mount using the OE hardware. **(See Photo 29) Note: Be sure to face the rebound window towards the rear of the vehicle for ease of adjustment.**



Photo 30

5. Rotate the OE anti roll bar upwards and secure the end links using the OE hardware. **(See Photo 30)**



Photo 31

6. Secure the brake line to its original mount using the OE hardware. **(See Photo 31)**



Photo 32

7. Slide the reservoir clamp over the remote reservoir, then, locate the reservoir up against the chassis, mark the holes and drill. Secure the reservoir clamps with the provided self tapping screws and double check everything for proper fitment and tighten. **(See Photo 32)**

MULTI-PRO-R2 | INSTALLATION INSTRUCTIONS

Eibach Springs, Inc. | 256 Mariah Circle | Corona | California 92879-1751 | USA
T +1 951-256-8300
www.eibach.com



2011 Ford Mustang, 3.7L V6, 5.0L V8, Including convertible
PART NUMBER 35125.713

ADJUSTMENT PROCEDURE / RECOMMENDATIONS

COMPRESSION AND REBOUND SETTINGS

1. The shocks in this kit are adjustable for compression and rebound dampening forces. The following steps explain the adjustable features of this kit.
2. Turning the compression adjustment knob in a clockwise or (+ pos.) direction increases the amount of force necessary to compress the shock. Likewise turning the knob in a counterclockwise or (-neg.) direction decreases the amount of force to compress the shock. **Note : The compression adjustment is located on the reservoir.**
3. Turning the rebound adjustment knob (front coil over only) in a clockwise or (+ pos.) direction increases the rebound forces. Likewise turning the knob in a counterclockwise or (- neg.) direction decreases the rebound forces. **NOTE: The rebound adjustment for the rear coil-over is located at the bottom of the shock. Turning the adjustment to the right increases the rebound forces and turning the adjustment to the left will decrease the rebound forces.**

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						