



Installation Instructions

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Eibach Pro Street S - #35140.711

2013+ Ford Focus ST, 2.0L 4 Cyl. Turbo

Kit Contents	Description	Part Number	Qty
	Front Coilover, Right	35134.8100R	1
	Front Coilover, Left	35134.8100L	1
	Rear Damper	35140.8200	2
	Rear Spring	0600.225.0250	2
	Rear Helper Spring	HELPER225	2
	Rear Spacer	SPACER225	2
	Isolator	ISOLATOR225	4
	Perch Mount	8000564	2
	Spring Perch	8000095	2
	Spring Adapter	8000565	2
	Bracket, ABS	8000755	2
	Height adjustment tool	PDK4.TOOL	1
	Height adjustment tool	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.
- **Never disassemble or cut open shock absorbers and/or shock absorber inserts.** They contain oil and gas under high pressure.
- **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.

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	M14 x 2.00	50	37
M10 x 1.25	20	15	M12 x 1.75	40	29	M16 x 1.50	50	37
M10 x 1.50	20	15						



FRONT SUSPENSION REMOVAL

1. Raise the vehicle off the ground and firmly support it with safety stands, then, remove the front and rear tires. **NOTE: Do not work on or underneath the car without the proper safety equipment.**



Photo 1

2. Loosen and remove the bolt that secures the brake line to the strut. (See Photo 1)



Photo 2

3. Unclip the wheel speed sensor from the side of the strut. (See Photo 2)



Photo 3

4. Disconnect the wheel speed sensor. (See Photo 3)



Photo 4

5. Loosen and remove the nut that secures the anti roll bar end link to the strut. (See Photo 4)



Photo 5

6. Loosen and remove the pinch bolt. (See Photo 5)



Photo 6

7. Use a strut spreader tool to release the pressure on the strut. **(See Photo 6)**

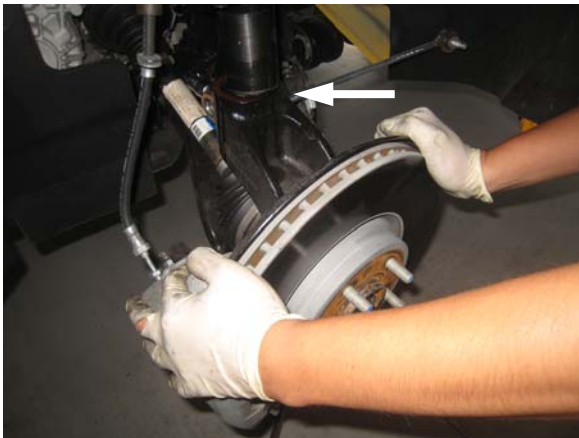


Photo 7

8. Press firmly down on the brake rotor assembly, until it clears the bottom of the strut. **(See Photo 7)**



Photo 8



Photo 9



Photo 10

9. Remove the plastic covers and the screw that secures the plastic valance. **(See Photos 8, 9 & 10)**



Photo 11



Photo 12

10. Loosen and remove the three screws that secure the upper strut mount to the strut tower, then, remove the strut from the vehicle. (See Photos 11 & 12)



Photo 13

11. Use a spring compressor to remove the upper strut mount for the OE strut. (See Photo 13)



Photo 14



Photo 15

12. Use a small screw driver to pry apart the upper strut mount from the upper spring seat/bearing assembly. **Note: The OE upper strut mount will be reused for installation of the Pro Street-S Coilovers.** (See Photos 14 & 15)

FRONT SUSPENSION INSTALLATION



Photo 16



Photo 17

13. Install the new upper bearing adapter, bearing, and spring seat onto the OE upper strut mount. (See Photos 16, & 17)



Photo 18



Photo 19



Photo 20

14. Install the upper strut mount onto the Eibach Pro Street-S coilover and secure it with the supplied nylock nut. **Note: The front Coilovers are left**

and ride side specific and are designated as right and left according to the part number description at the beginning of this instruction sheet. (See Photos 18, 19 & 20)



Photo 21



Photo 22

15. Install the Coilover into the vehicle and secure it to the strut tower with the OE hardware. (See Photos 21 & 22)



Photo 23



Photo 24



Photo 25



Photo 26

16. Slide the knuckle onto the bottom of the coilover and using a floor or screw jack, raise the control arm upwards until the knuckle is completely engaged, then, remove the strut spreader and secure the pinch point with the OE bolt removed in step 6. **(See Photos 23, 24, 25, & 26)**



Photo 27

17. Secure the brake line to the coilover bracket using the OE hardware. **(See Photo 27)**



Photo 28

18. Install the provided bracket onto the end link and secure it with the OE hardware, then, secure the wheel speed sensor to the bracket as shown. **(See Photo 28)**
19. Double check to make sure everything is properly positioned, then, tighten all hardware.
20. Repeat this procedure on the opposite side.

REAR SUSPENSION REMOVAL



Photo 29



Photo 30

1. Support the lower control arm with a screw, or floor jack, then, remove the screw that secures the control arm to the knuckle. **(See Photos 29 & 30)**



Photo 31

2. Lower the control arm downwards, then, remove the OE spring as shown. **(See Photo 31)**



Photo 32

3. Loosen and remove the two nuts that secure the upper shock mount to the chassis of the vehicle. **(See Photo 32)**



Photo 33

4. Loosen and remove the bolt that secures the shock to the knuckle, then, remove the shock from the vehicle. **(See Photo 33)**



Photo 34



Photo 35

5. Remove the nut that secures the OE upper mount, then, remove the upper mount as this will be reused for the installation of the Eibach Pro Street S damper. **(See Photos 34 & 35)**



Photo 36



Photo 37

6. Remove the upper and lower spring isolator pads. **(See photos 36 & 37)**

REAR SUSPENSION INSTALLATION

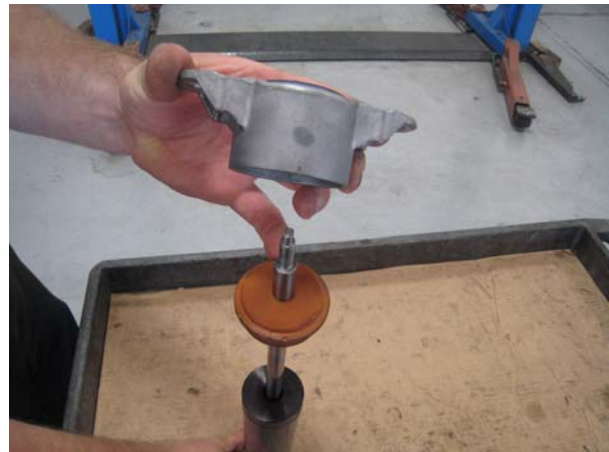


Photo 38



Photo 39

7. Install the OE upper shock mount onto the Eibach Pro Street S damper and secure it with the OE hardware. (See Photos 38 & 39)



Photo 40

8. Install the Pro Street S damper onto the vehicle and secure it to the chassis using the OE hardware. (See Photo 40)



Photo 41

9. Secure the lower shock mount to the knuckle using the OE hardware. (See Photo 41)



Photo 42



Photo 43



Photo 44

10. Remove the subframe bolt, then, install the adjustable spring seat and secure it with the OE bolt. (See Photos 42, 43, & 44)



Photo 45



Photo 46

11. You can now install the helper spring, spacer, main spring and lower spring seat isolator into the vehicle. (See Photos 45 & 46)



Photo 47



Photo 48

12. Raise the lower control arm upwards, then, secure it with the OE hardware. Note: Do not tighten the lower control arm at this time. (See Photos 47 & 48)



Photo 49

13. Preload the suspension using a screw or floor jack, then, tighten the lower control arm hardware. (See Photo 49)
14. Double check to make sure everything is properly positioned, then, tighten all hardware.
15. Repeat this procedure on the opposite side.