

PRO-STREET-S | INSTALLATION INSTRUCTIONS

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



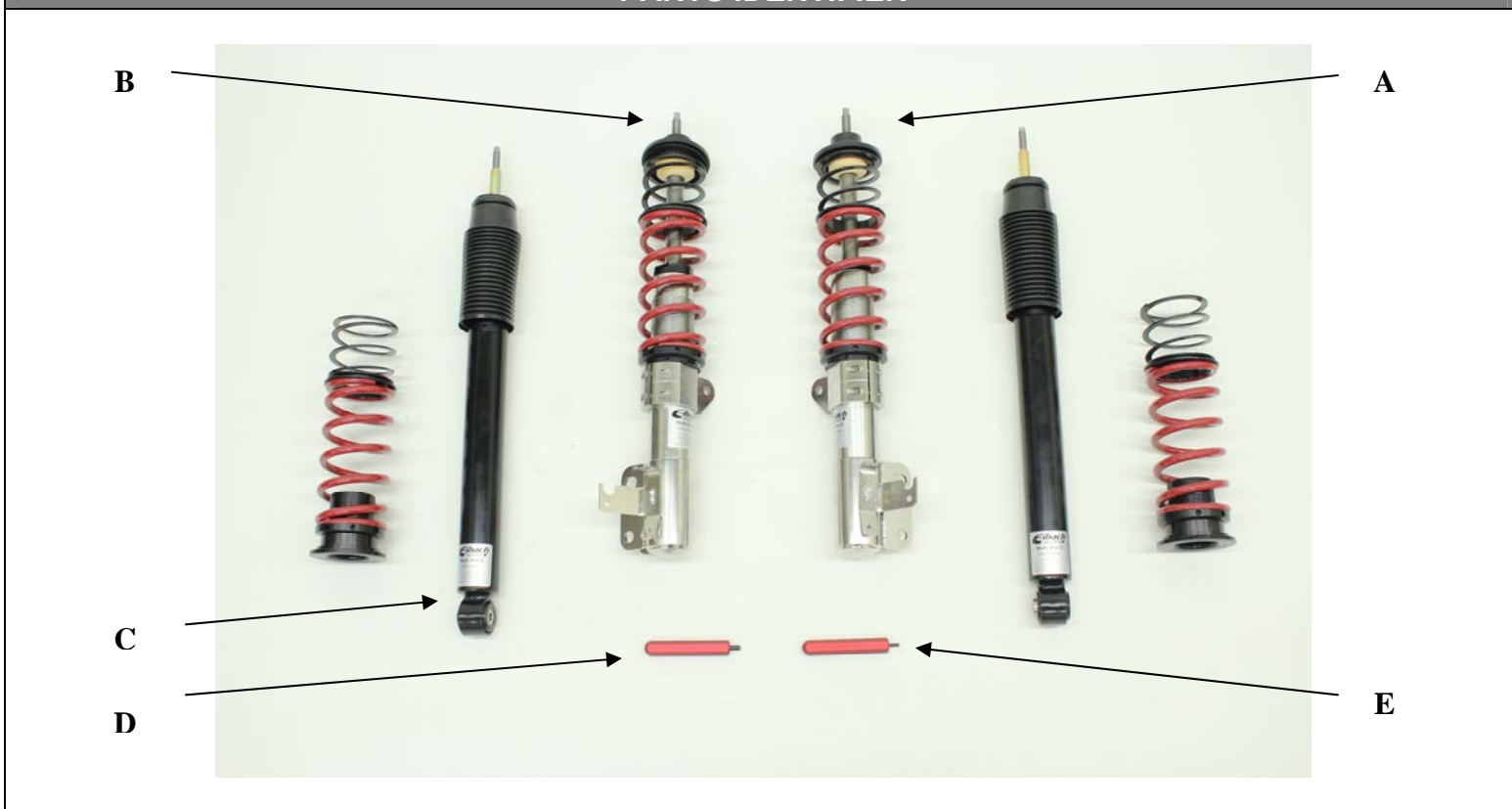
2011+ Honda CR-Z

PART NUMBER 4085.711

PARTS & HARDWARE LIST

Part Number	Description	Qty	Part Number	Description	Qty
A	4085.8100R	1	D	PDK4.TOOL	1
B	4085.8100L	1	E	PDK6.TOOL	1
C	4085.8200	2			

PARTS IDENTIFIER



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 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.

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



Photo 2

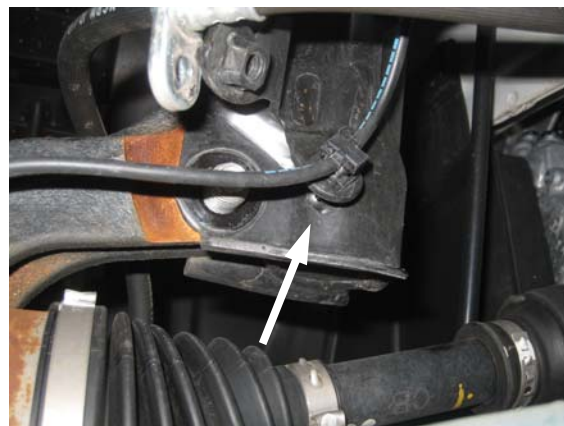


Photo 3

4. Unclip the wheel speed sensor from the side of the strut. **(See Photos 2 & 3)**



Photo 4

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



Photo 5

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6. Remove the nut that secures the strut to the upper strut tower. (See Photo 5)



Photo 6

7. Loosen and remove the bolts that secure the lower strut mount to the knuckle, then, remove the strut from the vehicle. (See Photo 6)



8. Remove the OE rubber mount from the strut. **Note: This OE mount will be reused for the installation of the Eibach Pro Street Coilovers. (See Photo 7)**



Photo 8

9. Place the strut into a spring compressor, then, remove the hex nut and bearing. **Note: The strut nut and bearing will be reused for the installation of the Eibach Pro Street Coilovers (See Photo 8)**

FRONT SUSPENSION INSTALLATION



Photo 9



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Photo 10

1. Install the OE bearing and hex nut removed in step 9 of the removal process, onto the Eibach Pro Street Coilover. (See Photos 9 & 10)



Photo 11

2. Install the OE rubber mount removed in step 8 of the removal process onto the Eibach Pro Street Coilover. (See Photo 11)

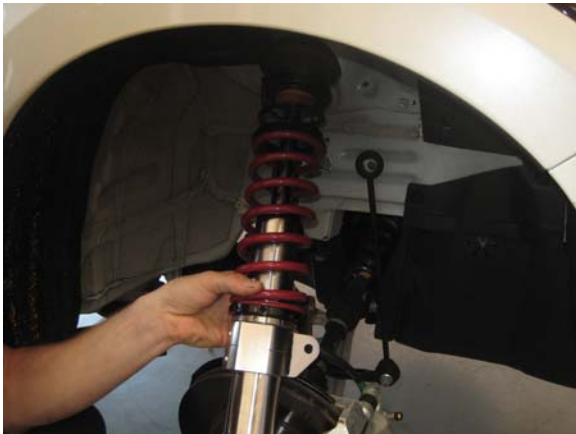


Photo 12



Photo 13

3. Install the coilover into the vehicle and secure it to the upper mount using the OE hardware. (See Photos 12 & 13)



Photo 14

4. Secure the lower strut mount to the knuckle using the OE hardware removed in step 7 of the removal process. (See Photo 14)



Photo 15

5. Secure the end link to the coilover using the OE nut removed in step 5 of the removal process. (See Photo 15)

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Photo 16



Photo 18

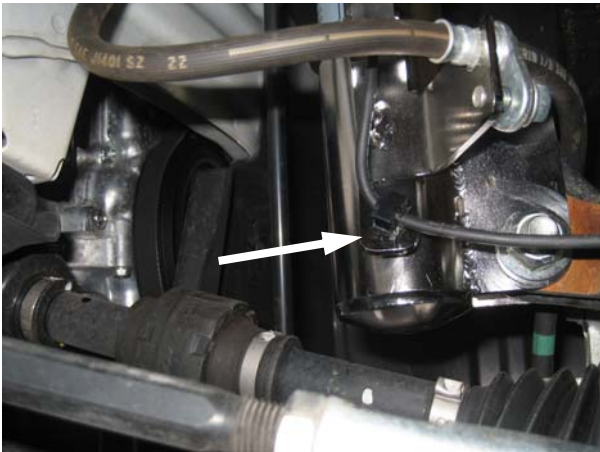


Photo 17

6. Secure the wheel speed sensor to the side of the strut as shown. **(See Photos 16 & 17)**

7. Secure the brake line to the bracket on the coilover and secure it with the bolt removed in step 3 of the removal process. **(See Photo 18)**
8. Double check to make sure everything is properly positioned, then, tighten all hardware.
9. Repeat this Procedure on the opposite side.

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REAR SUSPENSION REMOVAL



Photo 19

1. Support the rear suspension with a screw jack, then, remove the interior access panels (both left and right side) and remove the upper shock mount nuts and washers as shown. (See Photo 19)



Photo 20

2. Remove the lower shock mount screws, then, remove the OE shocks from the vehicle. (See Photo 20)
3. You can now lower the suspension downwards and remove the stock springs.



Photo 21

4. Using a flat blade screwdriver, wedge open the stock crush sleeves and remove them from the OE shocks. (See Photo 21)



Photo 22

5. Disassemble the OE shock assemblies as shown. **Note: Some of the OE pieces will be reused for the installation of the Pro Street S Shocks. (See Photo 22)**

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REAR SUSPENSION INSTALLATION

2. Install the OE rubber bushing and the provided crush sleeve onto the shocks as shown. (See Photos 24 & 25)

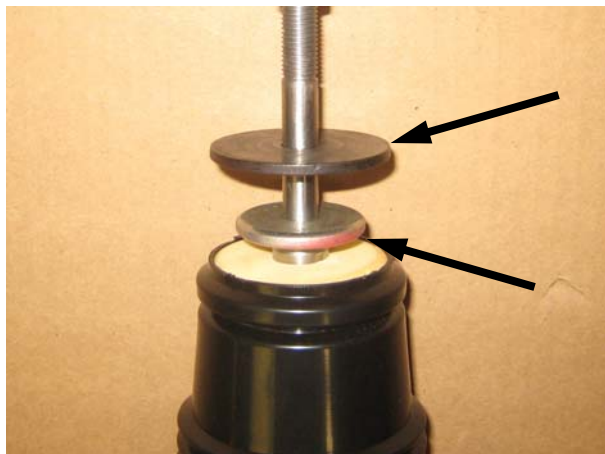


Photo 23

1. Install the OE shoulder washer and flat washer onto the Eibach shock as shown. (See Photo 23)

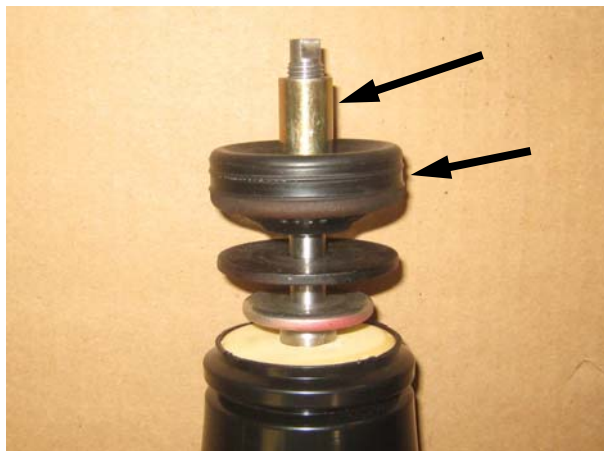


Photo 24



Photo 25



Photo 26



Photo 27

3. You can now install the Pro Street shocks into the vehicle and secure it to the upper mount with the stock washers and nuts as shown. (See Photos 26 & 27)

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Photo 28

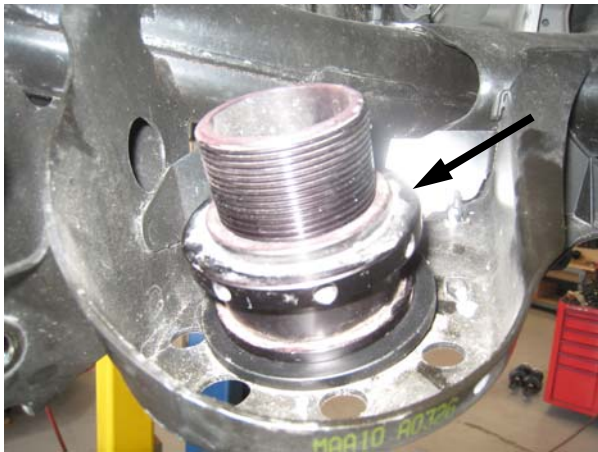


Photo 29

4. Install the provided spring pads on the lower spring seat, then, install the adjustable collar assemblies as shown. (See Photos 28 & 29)



Photo 30

5. Install the spring assemblies into the vehicle as shown. (See Photo 30)



Photo 31

6. Raise the suspension up and secure the lower shock mounts using the OE screws as shown. (See Photo 31)
7. Double check to make sure everything is properly positioned, then, tighten all hardware.

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						