

Installation Instructions

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Eibach Pro Street-S Coilovers - #38144.711

2010 Chevrolet Camaro, Camaro SS, V6-3.6L, V8-6.2L

Kit Contents	Description	Part Number	Qty
	Front Coil Over Assembly, Right	38144.8100R	1
	Front Coil Over Assembly, Left	38144.8100L	1
	Rear Coil Over Assembly	38144.8200	2
	End Link, Left	8000368	1
	End Link, Right	8000367	1
	Height Adjustment Tool	PDK.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.
 - **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.
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- **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.



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 all four wheels.
3. Remove the nuts that secure the OE end link to the strut and to the anti-roll bar as the OE end link will not be re-used. **(See Photo 1)**

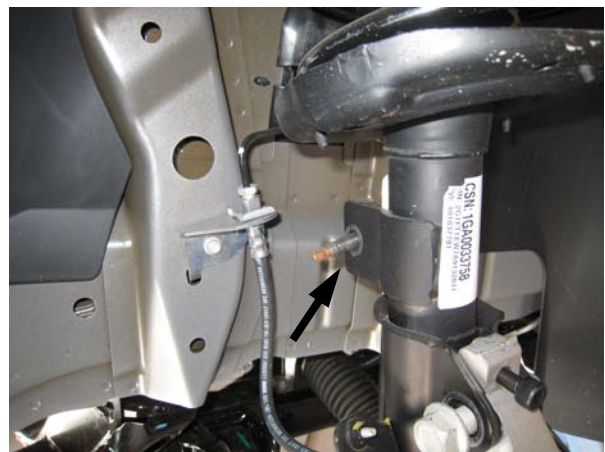


Photo 1



Photo 2

4. Remove the bolt that secures the brake line to the side of the OE strut. **(See Photo 2)**



Photo 3

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



Photo 4

6. Remove the two bolts/nuts that secure the strut to the knuckle. **(See Photo 4)**



Photo 5

7. Remove the nut that secures the strut to the upper strut tower, then, remove the strut from the vehicle. **(See Photo 5)**



Photo 6



Photo 7

8. Use a spring compressor to remove the OE upper strut mounts from the front struts. **Note: The upper strut mounts, washers, and nuts will be re-used for the installation of the Eibach Pro Street-S coilovers. (See Photos 6 & 7)**

FRONT SUSPENSION INSTALLATION

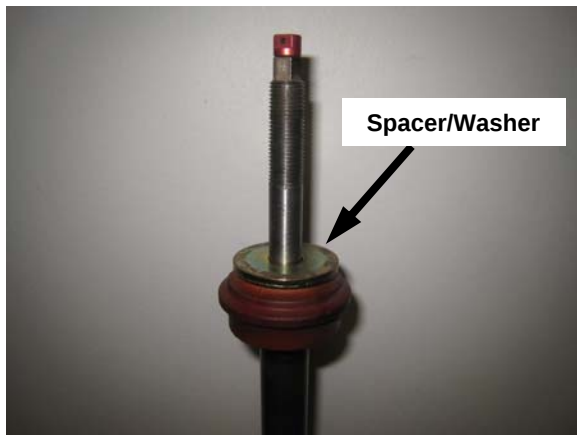


Photo 8a



Photo 8b

9. Install the OE upper strut mount onto the Eibach Pro Street Coilover and secure it with the OE washer and nut as shown. **Note: The provided spacer/washer must be installed in this position. Failure to do so will result in damage to the shock and or vehicle. (See Photo 8a & 8b)**



Photo 9



Photo 10

10. Install the Eibach Pro Street coilovers into the car in reverse order of removal and torque to factory specs. **(See Photos 9 & 10)**



Photo 11

11. Secure the wheel speed sensor to the bracket on the side of the strut. **(See Photo 11)**



Photo 12

12. Secure the brake line to the bracket on the strut using the OE bolt removed in step 4. **(See Photo 12)**
13. Secure the provided end link to the coilover, then, secure the other end to the anti-roll bar.
14. Repeat this process on the other side.

REAR SUSPENSION REMOVAL



Photo 13

1. Disconnect the end link from the ends of the OE anti-roll bar. **(See Photo 13)**
2. Using a screw, or floor jack, support the lower control arm.



Photo 14

3. Loosen and remove the four bolts that secure the upper strut mount. **(See Photo 14)**



Photo 15

4. Loosen and remove the nut that secures the strut to the lower control arm. Note: Do not remove the bolt at this time. **(See Photo 15)**



Photo 16

5. Loosen and remove the bolt and nut that secure the control arm to the knuckle. **(See Photo 16)**



Photo 17

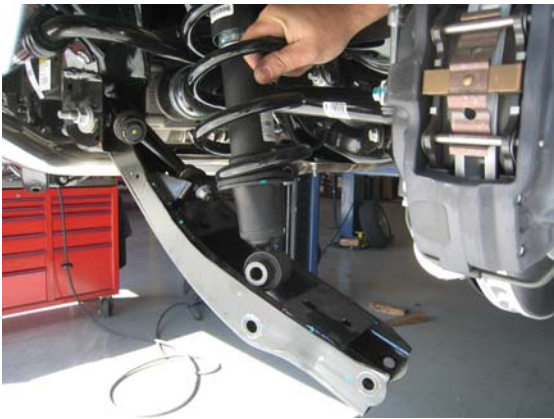


Photo 18

6. Lower the control arm slowly until all preload has been relieved, then, remove the lower shock bolt and remove the strut from the vehicle. **(See Photos 17 & 18)**



Photo 19

7. Place the strut in a spring compressor and remove the upper strut mount. **Note: The OE upper strut mounts, washers, and rubber isolator will be re-used for the installation of the Pro Street Coilovers. (See Photo 19)**

REAR SUSPENSION INSTALLATION

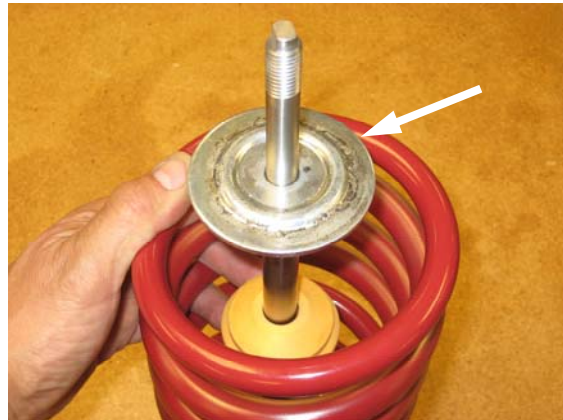


Photo 20



Photo 21



Photo 22

8. Install the OE washers, rubber spring isolator pad and upper mount onto the pro street coilover, then, secure it with the provided nut. **(See Photos 20, 21 & 22)**



Photo 23

9. Make sure the provided spacers are installed into the lower strut mount. **(See Photo 23)**



Photo 24

10. Install the Pro Street coilover into the vehicle and secure the lower shock mount to the control arm with the OE bolt and nut, but do not tighten at this time. **(See Photo 24)**



Photo 25

11. Raise the suspension upwards then secure the upper mount with the OE bolts. **(See Photo 25)**

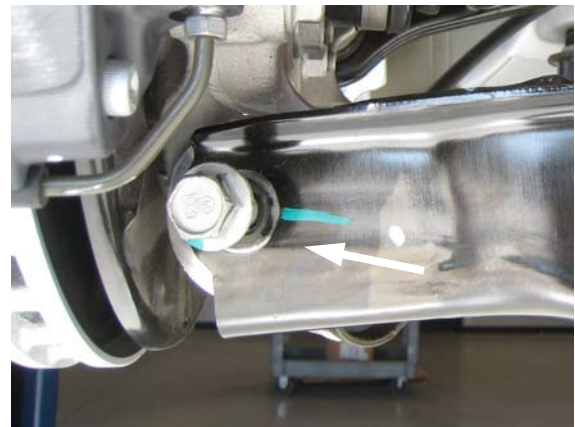


Photo 26

12. Secure the knuckle to the lower control arm using the OE bolt and nut, but do not tighten at this time. **(See Photo 26)**
13. Secure the end links to the ends of the anti-roll bar.
14. Preload the suspension then tighten the lower coilover and knuckle bolts and nuts.
15. Repeat this process on the other side.
16. This concludes the installation of the rear suspension.

