

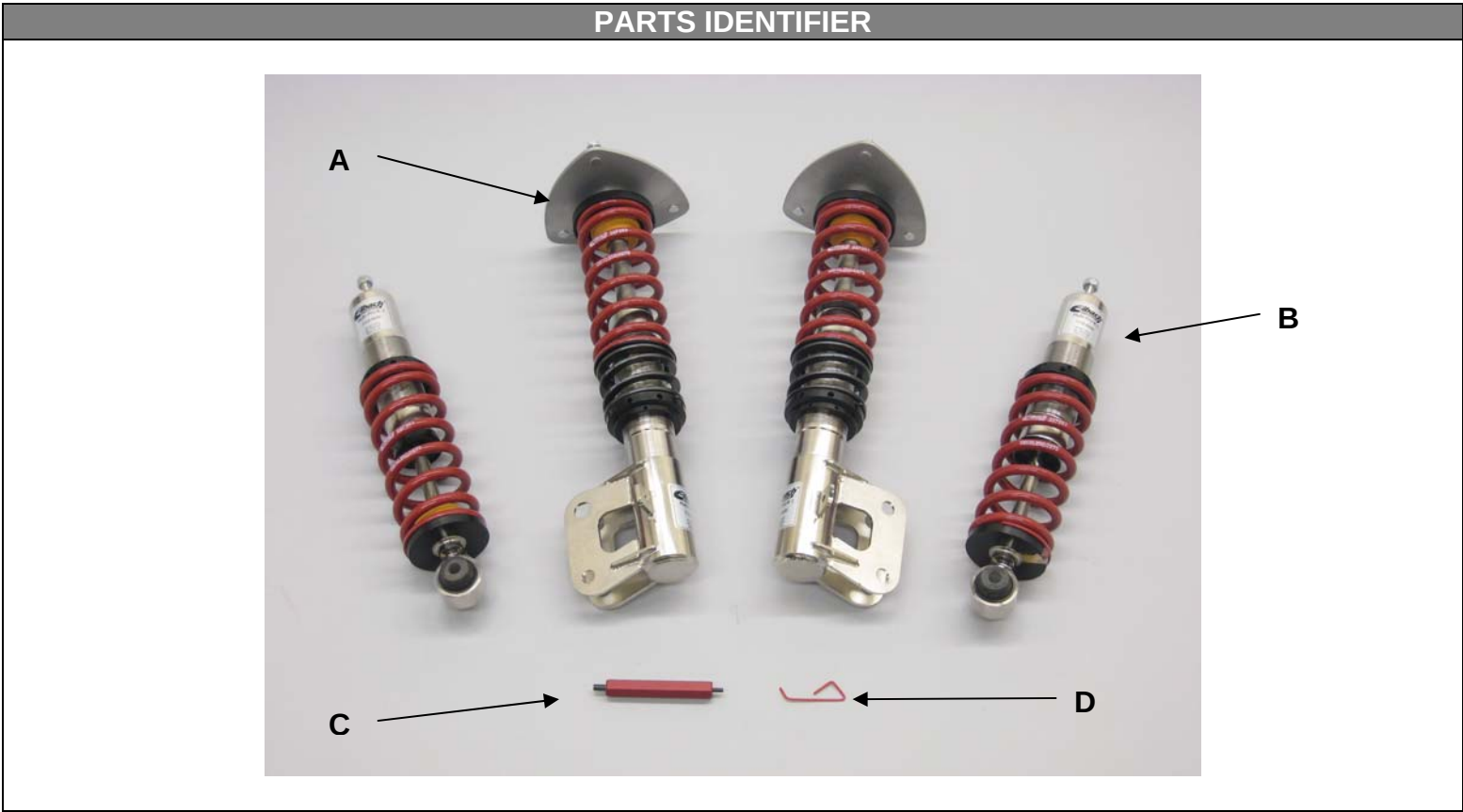
MULTI-PRO-R1 | INSTALLATION INSTRUCTIONS

Eibach Springs, Inc. | 256 Mariah Circle | Corona | California 92879-1751 | USA
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2008-2009 SUBARU WRX STI
PART NUMBER 7718.712

PARTS & HARDWARE LIST							
	Part Number	Description	Qty		Part Number	Description	Qty
A	7718.8500	DAMPER ASSEMBLY FRONT	2				
B	7718.8600	DAMPER ASSEMBLY REAR	2				
C	PDK.TOOL	4 & 6mm ADJUSTMENT TOOL	1				
D	PDR.TOOL	PRO DAMPER REBOUND ADJ. TOOL	1				



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.

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FRONT SUSPENSION REMOVAL

1. Raise the car off the ground and make sure it 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 upper strut tower nuts. **(See Photo 1)**



Photo 2

4. Remove the screw that secures the wheel speed sensor to the strut. **(See Photo 2)**



Photo 3

5. Remove the screw that secures the brake line to the strut. **(See Photo 3)**

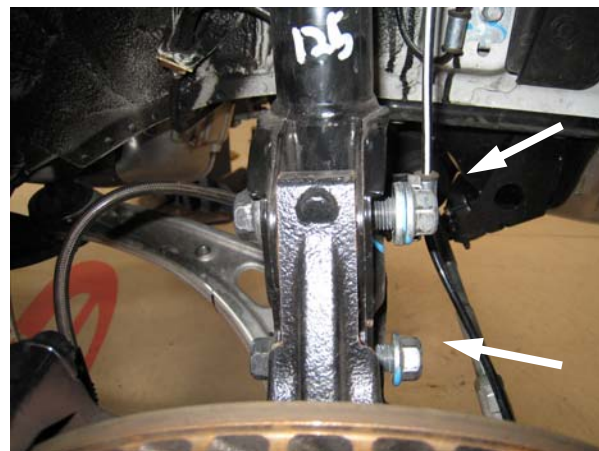


Photo 4

6. Remove the nuts and bolts that secure the lower strut mount to the knuckle. **(See Photo 4)**
7. You can now remove the OE strut from the vehicle.

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FRONT SUSPENSION INSTALLATION

1. Install the Eibach Multi Pro vehicle into the vehicle and secure the upper mount to the strut tower with the OE nuts.

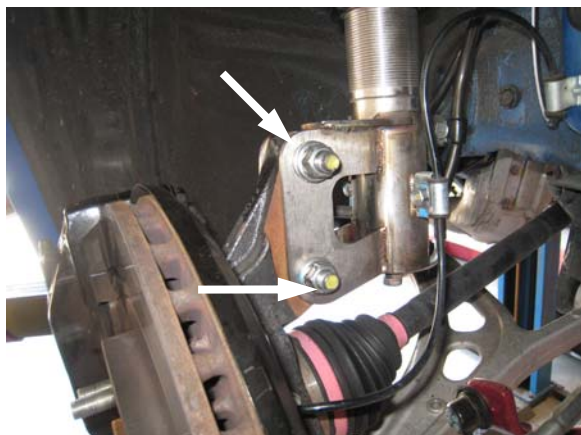


Photo 5

2. Secure the knuckle to the lower strut mount using the OE bolts and nuts. (See Photo 5)



Photo 6

3. Secure the wheel speed sensor to the strut using the OE bolt. (See Photo 6)



Photo 7

4. Secure the brake line to the strut using the OE bolt. (See Photo 7)
5. Repeat this process on the opposite side.

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REAR SUSPENSION REMOVAL



Photo 8

1. Remove the nuts that secure the rear upper strut mount. (See Photo 8)



Photo 9

2. Remove the bolt and nuts that secures the lower strut mount to the lower control arm. (See Photo 9)



Photo 10

3. Disconnect the end link from the lower control arm. (See Photo 10)



Photo 11

4. You can now remove the strut from the vehicle. (See Photo 11)
5. Remove the OE upper mount from the strut as this will be reused for the installation of the Eibach Multi Pro Coilovers.

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REAR SUSPENSION INSTALLATION



Photo 12



Photo 13

1. Install the upper mount removed in the previous step onto the Eibach Multi Pro coilover, using the provided washer and nylock nut, then, install the coilover into the vehicle and secure the upper mount using the OE nuts removed in step 1 of the removal process. **(See Photos 12 & 13)**

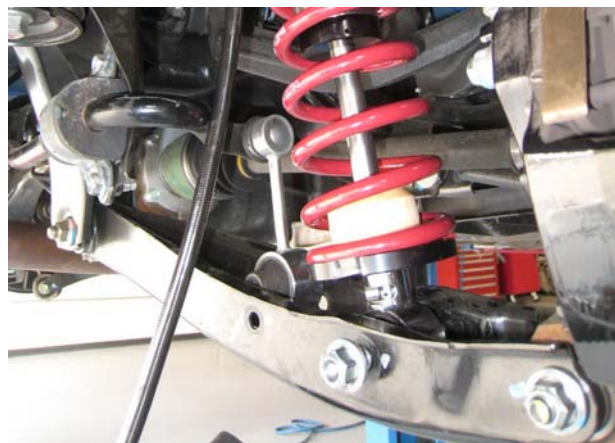


Photo 14

2. Secure the lower mount to the lower control arm using the OE hardware. **(See Photo 14)**



Photo 15

3. Reconnect the end link to the lower control arm using the OE hardware. **(See Photo 15)**
4. Repeat this process on the opposite side.

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. Front Adjustment: Turning the compression/rebound adjustment (located on the top end of the strut shaft) in a clockwise or (+ pos.) direction increases the compression/rebound forces. Likewise turning the

knob in a counterclockwise or (–neg.) direction decreases the compression/rebound forces. **Note: The front adjustment is located on the Upper Strut shaft.**

3. Rear Adjustment: Turning the adjustment (located on the bottom of the coilover) to the right increases the compression/rebound forces and turning the adjustment to the left will decrease the compression/rebound forces.

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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								