

MULTI-PRO-R2 | INSTALLATION INSTRUCTIONS

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



2008-2009 SUBARU WRX STI

PART NUMBER 7718.713

PARTS & HARDWARE LIST

PARTS LIST				PARTS LIST			
	Part Number	Description	Qty		Part Number	Description	Qty
A	7718.8300	DAMPER ASSEMBLY FRONT	2	H	H28073852	10MM-1.5x2.5	6
B	7718.8400	DAMPER ASSEMBLY REAR	2	I	H63074700	10MM-1.5 NYLOCK	6
C	UB0120	RESERVOIR CLAMP	6	J	H50025100	10MM FLAT WASHER	6
D	8000184	VINYL CLAMP	4	K	H50025110	10MM FENDER WASHER	6
E	H70065500	NYLON CABLE TIE – 11x3x0.18"	4	L	PDK.TOOL	4 & 6mm ADJUSTMENT TOOL	1
F	H28074842	M6-1.0X30	6	M	PDR.TOOL	PRO DAMPER REBOUND ADJ. TOOL	1
G	H51034900	M6 LOCK WASHER	6				

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.

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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.

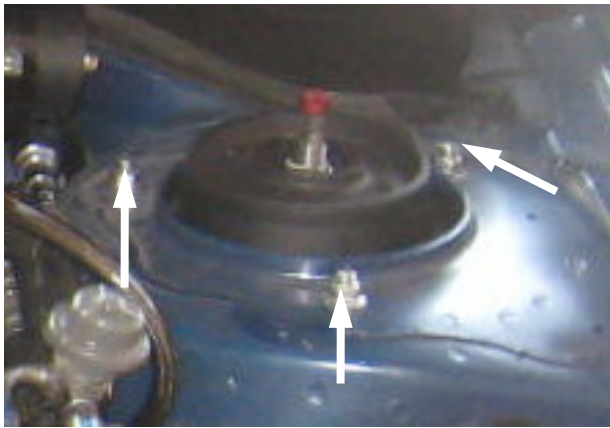


Photo 1

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)**

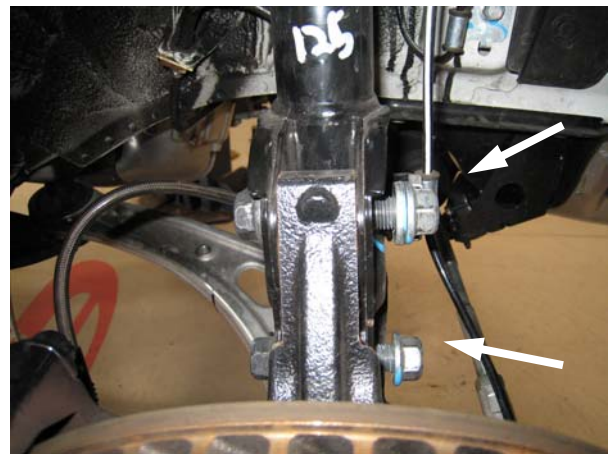


Photo 4

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.

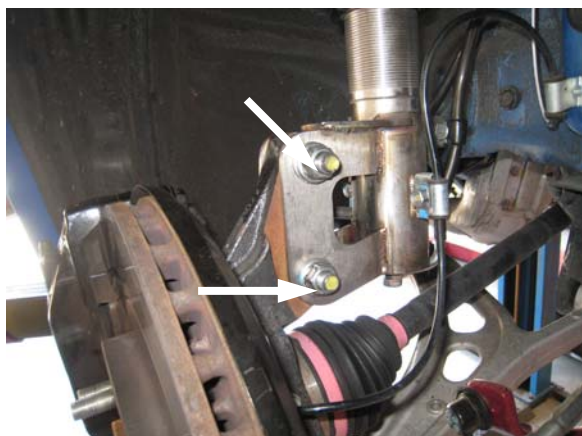


Photo 5

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)



Photo 8

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Photo 9



Photo 10

5. Route the reservoir under the frame rail and into the engine compartment. (See Photos 8 & 9)

6. Secure the reservoir to the firewall plastic valance using the provided reservoir clamps and hardware as shown. (See Photo 10)

7. Repeat this Procedure on the opposite side.

REAR SUSPENSION REMOVAL



Photo 11

1. Remove the nuts that secure the rear upper strut mount. (See Photo 11)



Photo 12

2. Remove the bolt and nuts that secures the lower strut mount to the lower control arm. (See Photo 12)

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Photo 13

3. Disconnect the end link from the lower control arm.
(See Photo 13)



Photo 14

4. You can now remove the strut from the vehicle.
(See Photo 14)
5. Remove the OE upper mount from the strut as this will be reused for the installation of the Eibach Multi Pro Coilovers.

REAR SUSPENSION INSTALLATION



Photo 15



Photo 16

1. Install the upper mount removed in the previous step onto the Eibach Multi Pro coilover, then, install spacer, and nylock nut as shown in Photos 15 & 16, then, install the coilover into the vehicle.

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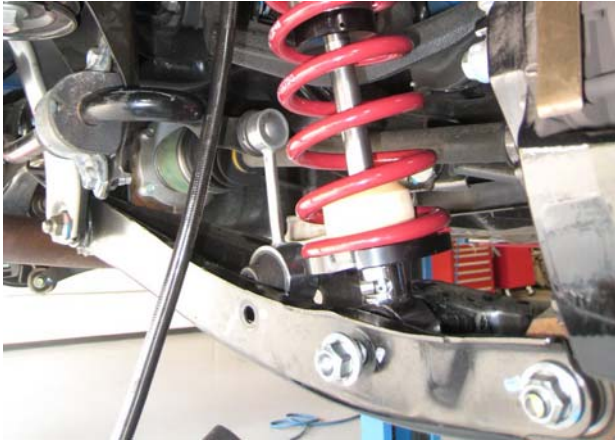


Photo 17

2. Secure the lower mount to the lower control arm using the OE hardware. (See Photo 17)



Photo 18

3. Reconnect the end link to the lower control arm using the OE hardware. (See Photo 18)



Photo 19

4. It will be necessary to trim the plastic valance in order to route the reservoir hose. (See Photo 19)



Photo 20



Photo 21

5. Remove the plastic valance as shown, then mount the reservoir as shown using the provided hardware. (See Photo 20 & 21)

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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
3. the shock. **Note : The compression adjustment is located on the reservoir.**
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 coil-over is located at the top 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								