

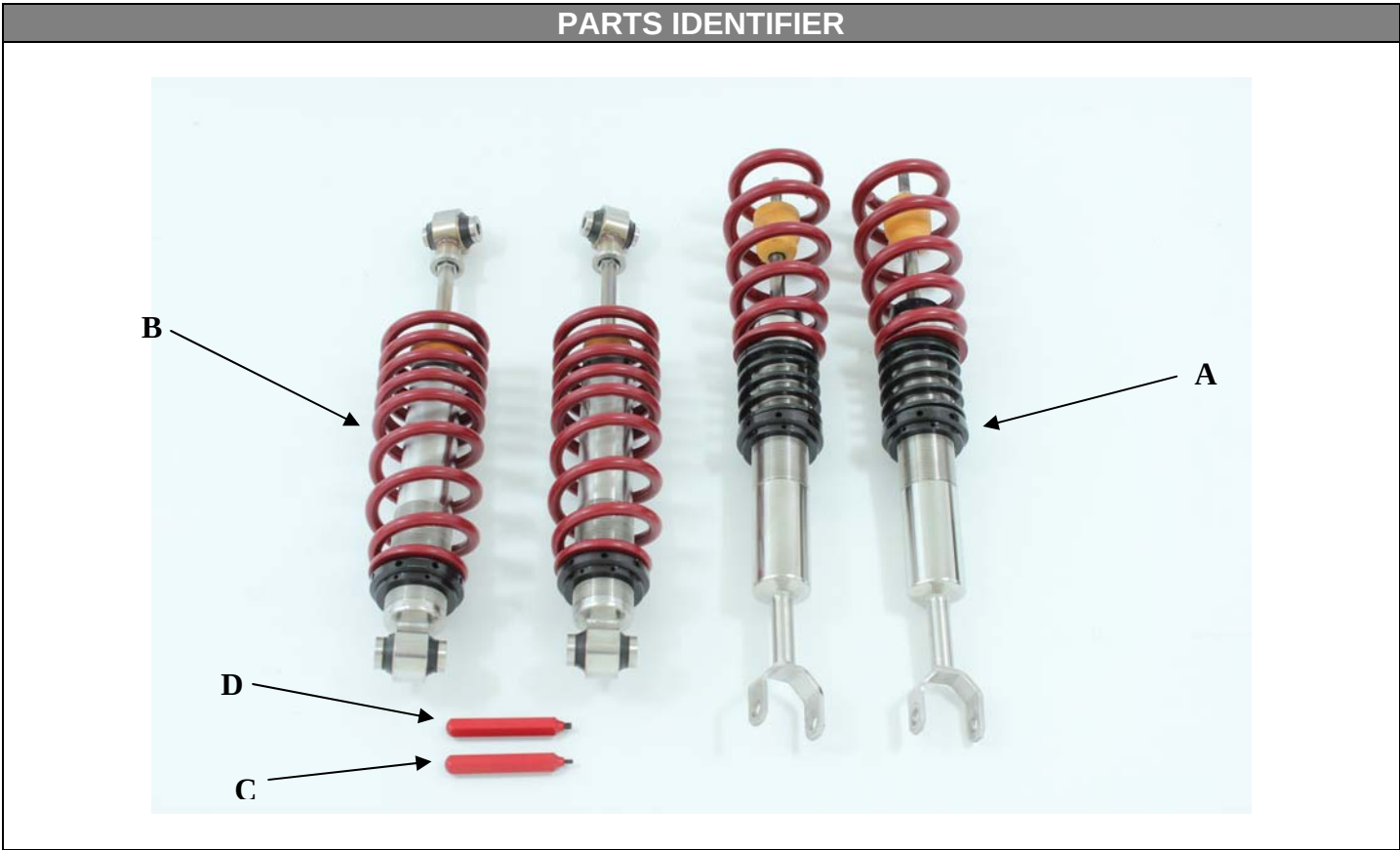
PRO STREET-S | INSTALLATION INSTRUCTIONS

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



1996-01 Audi A4, Sedan & Avant, Quattro, 4 & 6 Cyl., (B5 Only)
PART NUMBER 1534.711

PARTS & HARDWARE LIST					
	Part Number	Description	Qty	Part Number	Description Qty
A	1534.8100	DAMPER ASSY FRONT	2		
B	1534.8200	DAMPER ASSY REAR	2		
C	PDK4.TOOL	4mm ADJUSTMENT TOOL	1		
D	PDK6.TOOL	6mm ADJUSTMENT 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 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 three bolts that secure the strut to the strut tower. (See Photo 1)



Photo 2

4. Loosen and remove the bolt and nut that secures the upper control arm to the spindle. (See Photo 2)



Photo 3

5. Loosen and remove the nut that secures the fork to the lower control arm. (See Photo 3)

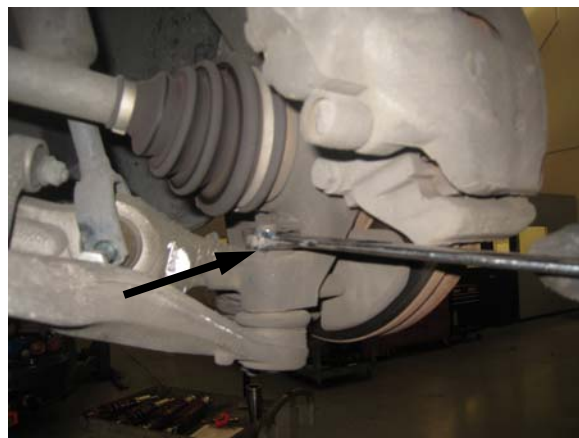


Photo 4

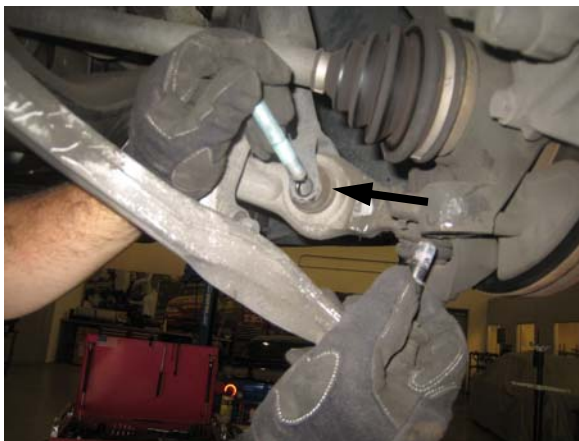


Photo 5

6. Loosen and remove the nut that secures the rearward lower control arm to the knuckle, then, pull the lower control arm downwards and remove the lower strut mount bolt. (See Photos 4 & 5)

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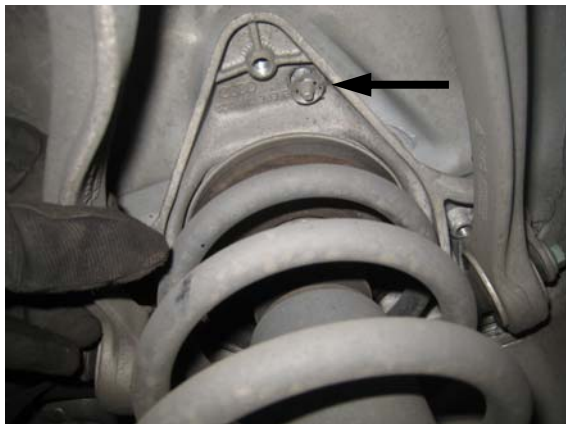


Photo 6

7. Remove the sheet metal retaining clip from the upper locating plastic push rivet. (See Photo 6)



Photo 7



Photo 8

8. You can now separate the upper control arms from the spindle, then, lower the spindle assembly downwards to remove the strut assembly from the vehicle. (See Photos 7 & 8)



Photo 9



Photo 10

9. Loosen and remove the two nuts that secure the upper control arm assembly. **Note: Be sure to mark the location of the nuts on the control arm assembly as they will need to be reinstalled in the same position.** (See Photos 9 & 10)



Photo 11

10. Using a spring compressor, remove the upper strut mount as this will be reused for the installation of the Pro Street S Coilover. (See Photo 11)

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FRONT SUSPENSION INSTALLATION



Photo 12



Photo 13



Photo 14

1. Install the OE strut mount removed in step 10, onto the Eibach Pro Street S Coilover and secure it with the OE nut. **Note: Be sure the spring is properly rotated into the rubber seat on the OE upper mount. (See Photos 12, 13 & 14)**



Photo 15

2. Install the upper control arm assembly onto the Eibach Pro Street S Coilover, and secure it using the OE hardware. **Note: Be sure the upper strut mount is secured to the original mounting holes on the control arm assembly. (See Photo 15)**



Photo 16



Photo 17

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Photo 18

3. Install the Eibach Pro Street S coilover assembly, making sure to line up the locating hole with the OE plastic push rivet, then, secure the upper control arm assembly using the OE hardware. (See Photos 16, 17 & 18)



Photo 19



Photo 20

4. Secure the fork to the lower control arm using the OE hardware. **Note: Do not tighten at this time.** (See Photos 19 & 20)



Photo 21



Photo 22

5. Secure the upper control arms to the spindle using the OE hardware. (See Photos 21 & 22)



Photo 23

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6. Secure the lower control arm to the spindle using the OE hardware. **(See photo 23)**



Photo 24

7. Preload the front suspension, then, tighten the hardware that secures the coilover to the lower control arm. **(See Photo 24)**
8. Double check to make sure everything is properly positioned, then, tighten all hardware.
9. Repeat this procedure on the opposite side.

REAR SUSPENSION REMOVAL



Photo 25

1. Support the rear suspension with a screw or floor jack, then, loosen and remove the bolt and nut that secures the spindle to the upper control arm. **(See Photo 25)**



Photo 26

2. Loosen and remove the bolt and nut that secures the strut to the lower control arm **(See Photo 26)**

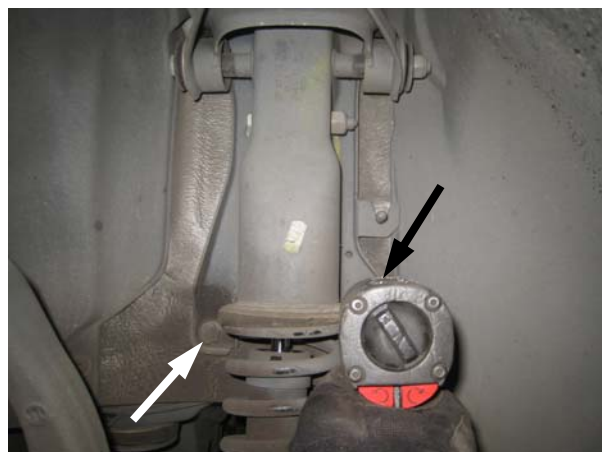


Photo 27

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Photo 28



Photo 31



Photo 29



Photo 32

3. Loosen and remove the four bolts that secure the upper strut mount to the chassis of the vehicle, then, remove the strut from the vehicle. (See Photos 27, 28 & 29)

4. Using a spring compressor, remove the upper strut mount from the OE strut assembly. **Note: This will be reused for the installation of the Pro Street S Coilovers.** (See Photos 30, 31 & 32)



Photo 30

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REAR SUSPENSION INSTALLATION



Photo 33



Photo 34



Photo 35



Photo 36



Photo 37



Photo 38

1. Install the Eibach Pro Street S Coilover into the OE upper mount and secure it with the OE hardware. (See Photos 33, 34 & 35)

2. Install the Coilover assembly into the vehicle, then, line up the upper mount and lower mounts as shown. (See Photos 36, 37 & 38)

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Photo 39

5. Secure the spindle to the upper control arm using the OE hardware. **Note: Do not tighten at this time. (See Photo 41)**



Photo 42

3. Secure the upper strut mount to the chassis using the OE hardware. **(See photo 39)**



Photo 40



Photo 43

4. Secure the lower coilover mount to the lower control arm using the OE hardware. **Note: Do not tighten at this time. (See Photo 40)**

6. Using a screw or floor jack, preload the suspension, then, tighten the upper and lower mounts to factory spec. **(See Photos 42 & 43)**
7. Double check for clearance and to make sure everything is properly positioned.
8. Repeat this procedure on the opposite side.



Photo 41

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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								