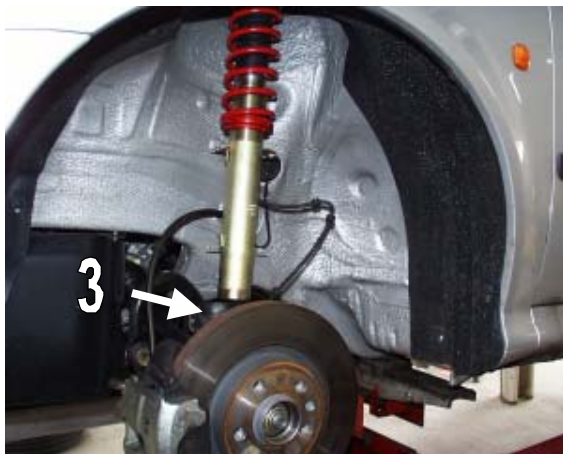
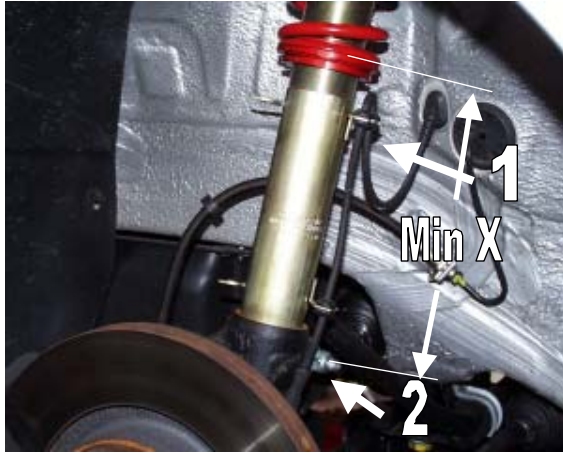
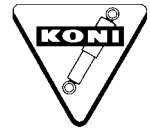


Suspension kit instructions  
for Volkswagen Golf IV, Jetta IV  
and New Beetle

# Front



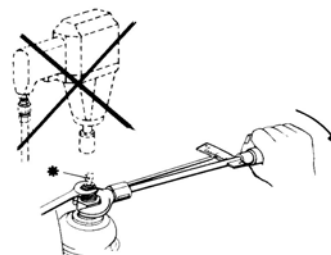
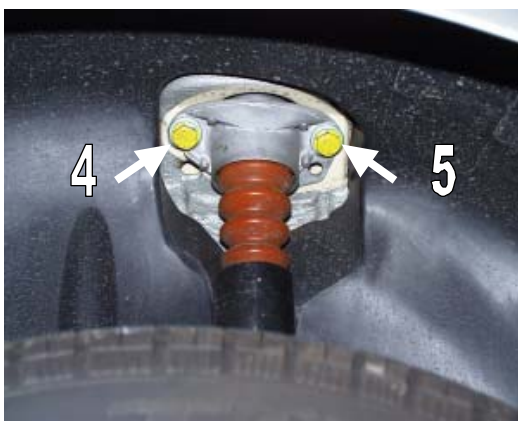
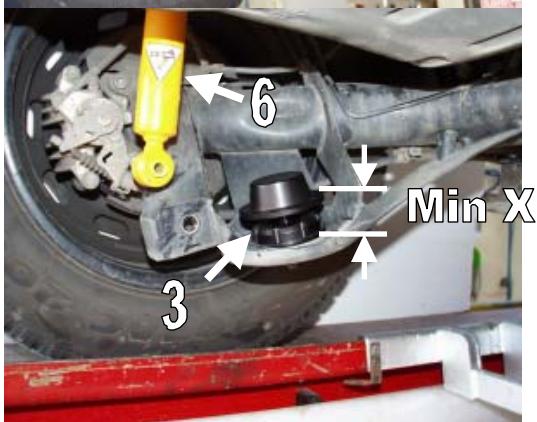
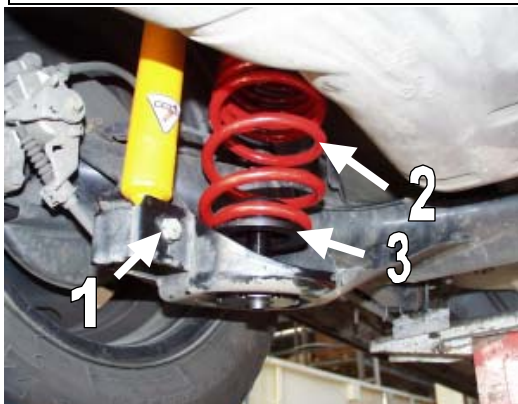
Caution: Due to construction tolerances or the installation of larger drive shafts by Volkswagen, slight touching of the right axle shaft on the stabilizer bar may occur. A replacement stabilizer bar can be used in this case. This product can be purchased through H & R Springs:

- Lift vehicle and remove wheels.
- Remove ABS grommets and cable(1).
- Remove Pinch bolt from bracket (2).
- Remove axles. (caution: on the right side, the axle may hold the coil spring in tension).
- Remove windshield wipers and cover (New Beetle).
- Remove nut (4) and pull strut down out.
- Compress spring using spring compressor and remove original spring and strut bearing (5). Note: a small aluminum spacer of about ½ inch in height may be used, this can be discarded during the install.
- Install original strut bearing (5) onto pre-assembled KONI. Insert strut into lower bracket and screw together .
- Lower spring seat height may be adjusted. (distance between center of the top nut and the spring seat upper edge, figure 1) An Initial setting of  $x = 10\frac{1}{4}$  to  $10\frac{5}{8}$ in. (260 to 270mm) is suggested.
- Installation is reverse of removal (see parts list) .
- Torque to specifications (See diagram next page).

# Suspension kit instructions for Volkswagen Golf IV, Jetta IV and New Beetle



## Rear



Z	M10	M12	M14	M16	M18
	35 Nm (26 ft.lbs)	50 Nm (37 ft.lbs)	80 Nm (59 ft.lbs)	120 Nm (89 ft.lbs)	165 Nm (122 ft.lbs)
	45 Nm (33 ft.lbs)	80 Nm (59 ft.lbs)	125 Nm (92 ft.lbs)	180 Nm (133 ft.lbs)	250 Nm (185 ft.lbs)
	—	50 Nm (37 ft.lbs)	80 Nm (59 ft.lbs)	120 Nm (89 ft.lbs)	165 Nm (122 ft.lbs)

- Remove anti-lock brake sensor cable(7) from inner fender(if equipped)
- Remove nut from bolt (1) and remove bolt.
- Raise vehicle rear and unload the rear spring and remove.
- Remove bolts (4 and 5) .
- Remove shock (6) with top mount .
- While dismantling the shock - use Fig. 4 and parts list to determine saved parts.
- Installation is the reverse of removal. See next page for detail on installation of ride height adjuster.
- Distance X is equal to 1 ¾ to 2 ¼ inches (45-58mm)
- Torque to specification.

# Suspension kit instructions for Volkswagen Golf IV, Jetta IV and New Beetle **Rear ride height adjuster**



- Remove the spring Isolator and discard.



- Install the lower and upper spring seat mount. Note: Isolator shown should be removed prior to installation.



- Tighten assembly using spanner wrench provided.



- Install threaded spring seat and install the circlip onto stud at the bottom.



Suspension kit instructions  
for Volkswagen Golf IV, Jetta IV  
and New Beetle



## Parts List



1. Plastic washer 4 pieces
2. Bump rubber
3. Dust cap
4. Upper Spring seat
5. Thrust block
6. Strut bearing
7. Nut M 14 \* 1.5
8. Upper mount hat
9. Lock washer
10. Nut M 14 \* 1.5
11. Strut with spring plate and locking ring
12. Spring

13. Plastic washer
14. Bump rubber with dust cap
15. Upper mount
16. Nut M 10 \* 1
17. Upper Shroud
18. Shock
19. Adjustable spring platform
20. Spring

Items 5, 6, 7, 8, 14, 15 and 17 are Original - VW - Parts.