



## Instruction Manual for RS2 Suspension for 1989-1999 VW Golf/Jetta II/III/Corrado

- 2 - Front strut assemblies ( included hardware: 2 lock nuts, 2 washers, 2 nuts)
- 2 - Rear Shock assemblies ( included hardware: 2 washers, 2 spacers, 2 top nuts)
- 2 - Adjustment wrenches
- 2 - stickers

### **Tools Needed:**

- 16mm, 17mm, 18mm, 19mm, and 21mm sockets and ratchet.
- 18mm open end wrench
- Hydraulic Jack (recommended)
- Jack Stands

## **Front Suspension installation:**

- 1: Begin by jacking car off the ground using factory jack points and secure with jackstands. Open hood
  - 2: Loosen 17mm lug nuts (unless you have aftermarket lugbolts) and remove front wheels.
  - 3: Remove brake lines and abs sensor lines from factory strut. Locate 18mm strut bolts loosen and remove.
  - 4: Locate and remove 21mm Factory top nut in engine bay once top nut is removed you will be able to remove entire front strut assembly.
  - 5: Remove top lock nut, washer and bottom nut from B&G front coilover. Place supplied factory bearing onto top of B&G coilover bearing holder and tighten with supplied nut as seen in (Diagram 1) place bushing on top of factory bearing as seen in (Diagram 2).
  - 6: Once top nut holding bearing is tight tighten spring perch just till spring is tight enough not to move around and make noise. **(Do not over tighten as you will put too much pretension on the spring and effect ride quality.)**
  - 7: Install assembled B&G coilover into front strut holder. Once front coilover assembly is installed tighten 18mm lower strut mount bolts.
  - 8: Lift control arm using a jack and tighten top of suspension in the engine bay using factory top plate and supplied 19mm lock nut and washer
- Repeat steps 1-9 for opposite side of the vehicle.
- 9: Replace wheels and tighten lug bolts to spec.
  - 10: Lower vehicle and check height. **See \*Note\***
- Once desire height is reached adjust dampening to desired setting.

## **Dampening levels:**

level 0-5 =**Comfort**

level 6-12 =**Sport**

level 13-18 =**Performance**

**\*Note\* Once Front coilovers are in place to adjust height use lower mounts only. Using the springs to lower vehicle height will result in loss of shock travel and reduce ride quality...**



Diagram 1

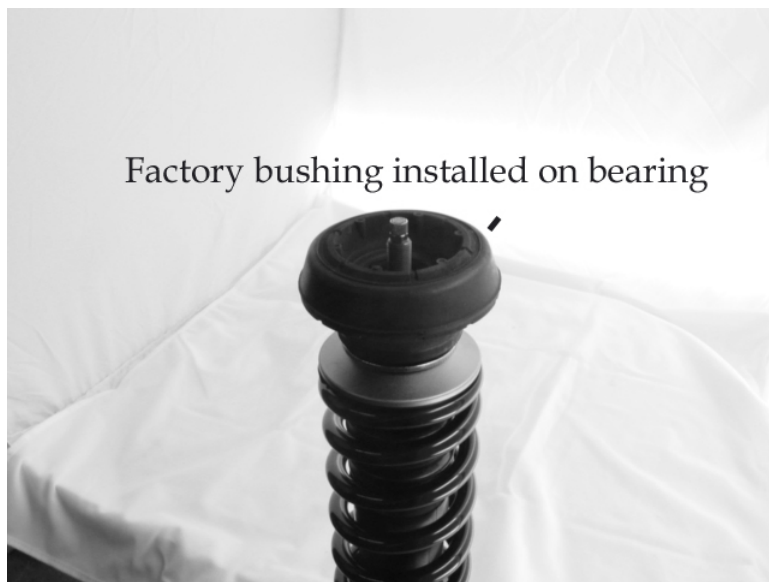
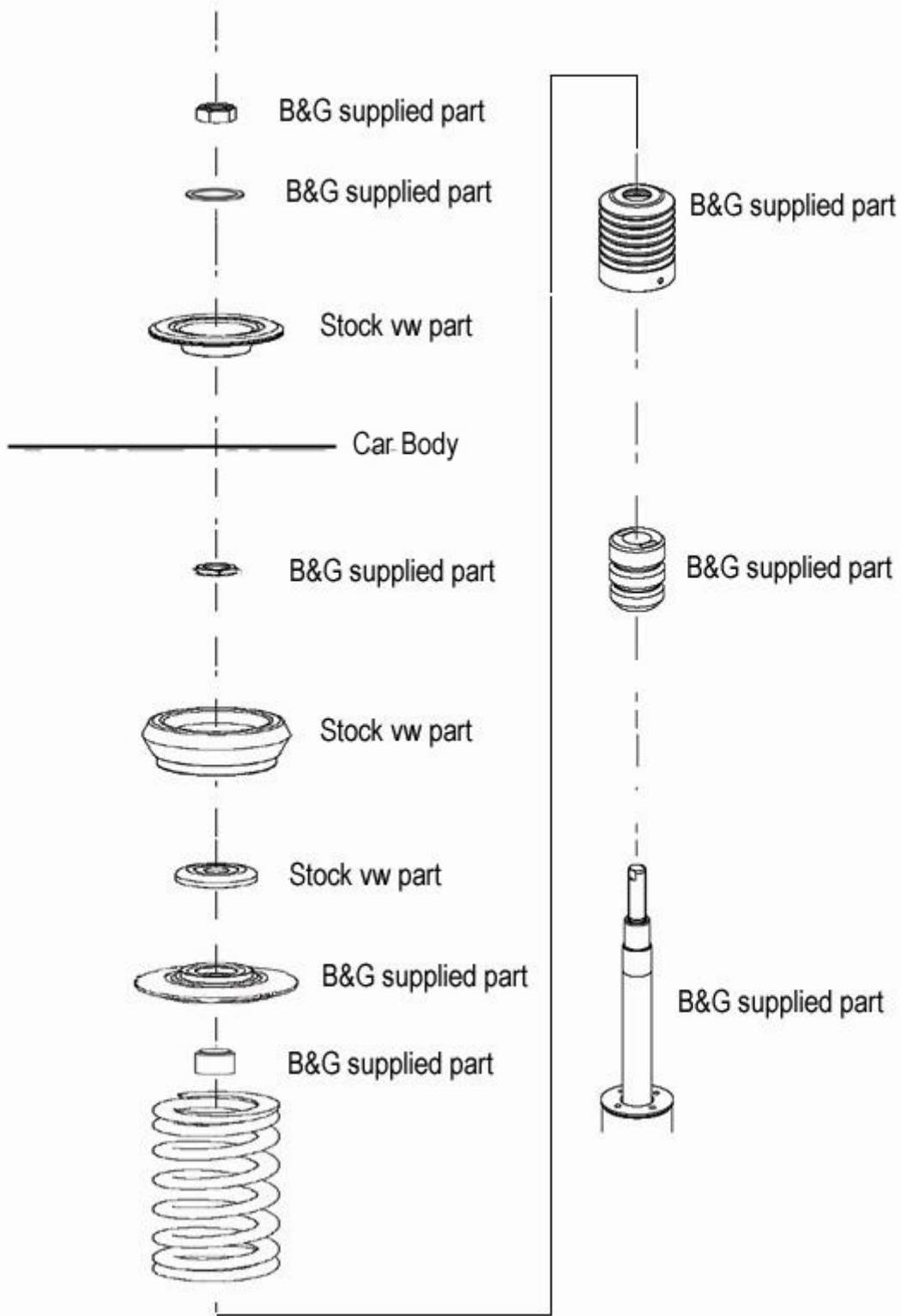


Diagram 2

**\*Note: If you are raising the vehicle always leave at least 25mm of threaded shock body inserted into lower bottom mounts to prevent the threaded body from being pulled out or damaging threads.**

# Front Assembly



## **Rear Suspension installation:**

- 1: Begin rear by jacking car off the ground using factory jack points and secure with jackstands.
  - 2: Loosen 17mm lug nuts (unless you have aftermarket lugnuts) and remove rear wheels.
  - 3: Support the rear beam with a jack to hold everything in place until you loosen the rear shocks. Remove the stock rear assemblies by loosening the (2) 17mm top nuts inside vehicle and the bottom 17mm bolt and nut. Remove the rear shock.
  - 4: With both the rear assemblies removed you can install the rear B&G RS2 line coilovers.
  - 5: Remove and reuse the removable factory bushings from the stock rear assemblies (or aftermarket poly bushings). Reinstall them onto the B&G coilovers.
  - 6: Reinstall the B&G coilovers the exact way you removed the stock rear assemblies using the supplied B&G hardware. Tighten the top (2) 17mm nuts and the bottom 17mm nut and bolt.
  - 7: Set rear coilover height using the adjustable bottom mounts.
  - 8: Replace wheels and tighten lug bolts to spec.
  - 9: Lower vehicle and check height. See \*Note\*
- Once desire height is reached adjust dampening to desired setting.



