

# NEUSPEED®

## 25MM RACE SERIES TUBULAR FRONT ANTI-ROLL BAR – PART #15.02.25.3

Fits 2006-up Audi A3(8P) FWD, 2008-09 Audi TT(8J) FWD, 2006-up VW EOS, GTI MKV/VI, Jetta V/VI, Rabbit & Tiguan FWD

### PARTS LIST:

- 1 – 25mm TUBULAR ANTI-ROLL BAR
- 2 – U-CLAMP w/BASE

- 1 – SILICONE GREASE
- 2 – URETHANE BUSHINGS

### TOOLS REQUIRED:

- 1 – T25 TORX
- 1 – 16mm SOCKET

- 1 – RATCHET
- 1 – 18mm SOCKET

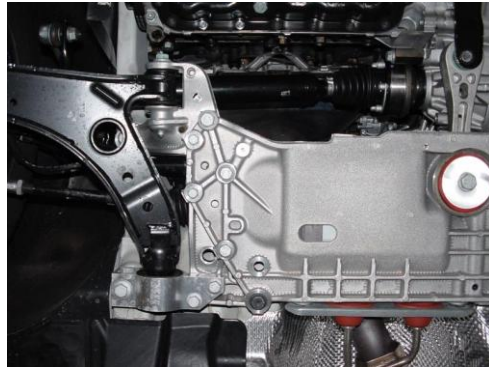
- 1 – 10mm SOCKET
- 1 – 18mm WRENCH

- 1 – 13mm SOCKET
- 1 – WD-40

1. Park vehicle on a flat, level surface capable of supporting the vehicle's weight on a jack and jack stands. Using the manufacturer's recommended lifting point(s), raise front of vehicle and support with jack stands. **NEVER WORK ON A VEHICLE SUPPORTED ONLY WITH A JACK!**
2. Remove lower engine splash pan (8) T25 Torx screws.

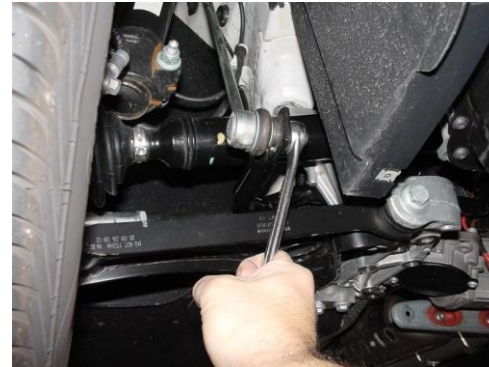


3. Unbolt torque arm from transmission housing (2) 16mm hex bolts and exhaust down-pipe support bracket from rear of aluminum sub-frame (2) 13mm hex bolts.



4. Unbolt and remove aluminum sub-frame from vehicle:
  - (4) 16mm hex bolts [Steering Rack]
  - (4) 13mm hex bolts [Bushing Clamps]
  - (4) 18mm hex bolts [Sub-frame Mount]

The two rear sub-frame bolts are special, do not mix. Please see bolt location photo at end of document for bolt identification and locations.



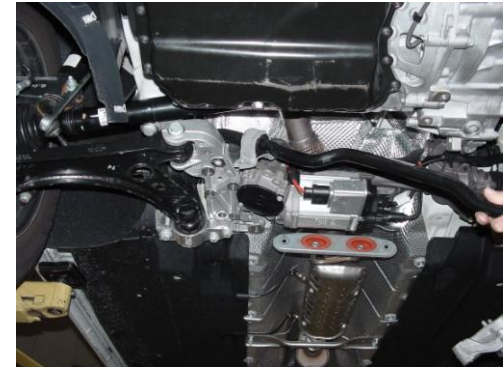
5. Unbolt anti-roll bar from end-links 18mm hex nut.



6. Driver's side of vehicle: Unbolt plastic wire guide from aluminum control arm mount 10mm hex bolt.



7. Unbolt aluminum control arm mount from uni-body and let swing down. NOTE: Because of enlarged mounting holes, use marking pen to mark location of control arm mount to uni-body. This will aid in keeping the original alignment.



8. Remove original anti-roll bar. Pull out driver's side first, then lift up steering rack on passenger's side to ease removal.
9. With supplied grease, lubricate inside of supplied urethane bushings. Install bushings onto NEUSPEED anti-roll bar just inside of stop washers.



10. Install **NEUSPEED** anti-roll bar passenger's side first. Lift up aluminum control arm mount and guide steering rack alignment bushings onto mount. Hand-tighten bolts.

11. Attach original end-links to anti-roll bar with original nuts and tighten.

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12. Put into position urethane bushing base and "U" bracket.

13. Reinstall aluminum sub-frame, start all bolts by hand and use WD-40 or equivalent on bolt threads. When installing anti-roll bushing clamp bolts, make sure bolts go thru bushing base then thread into nuts on "U" bracket. First; line up pen marks on uni-body and tighten control arm mounting bolts, then evenly tighten all other bolts.

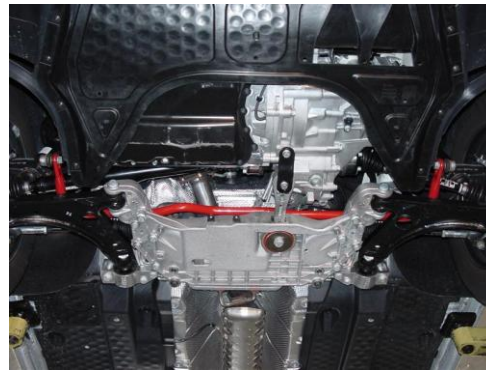
#### TORQUE SPECS:

Control arm mount & sub-frame: 18mm hex bolts 70Nm (52 Ft.-Lbs.)

Steering rack: 16mm hex bolts 50Nm (37 Ft.-Lbs.)

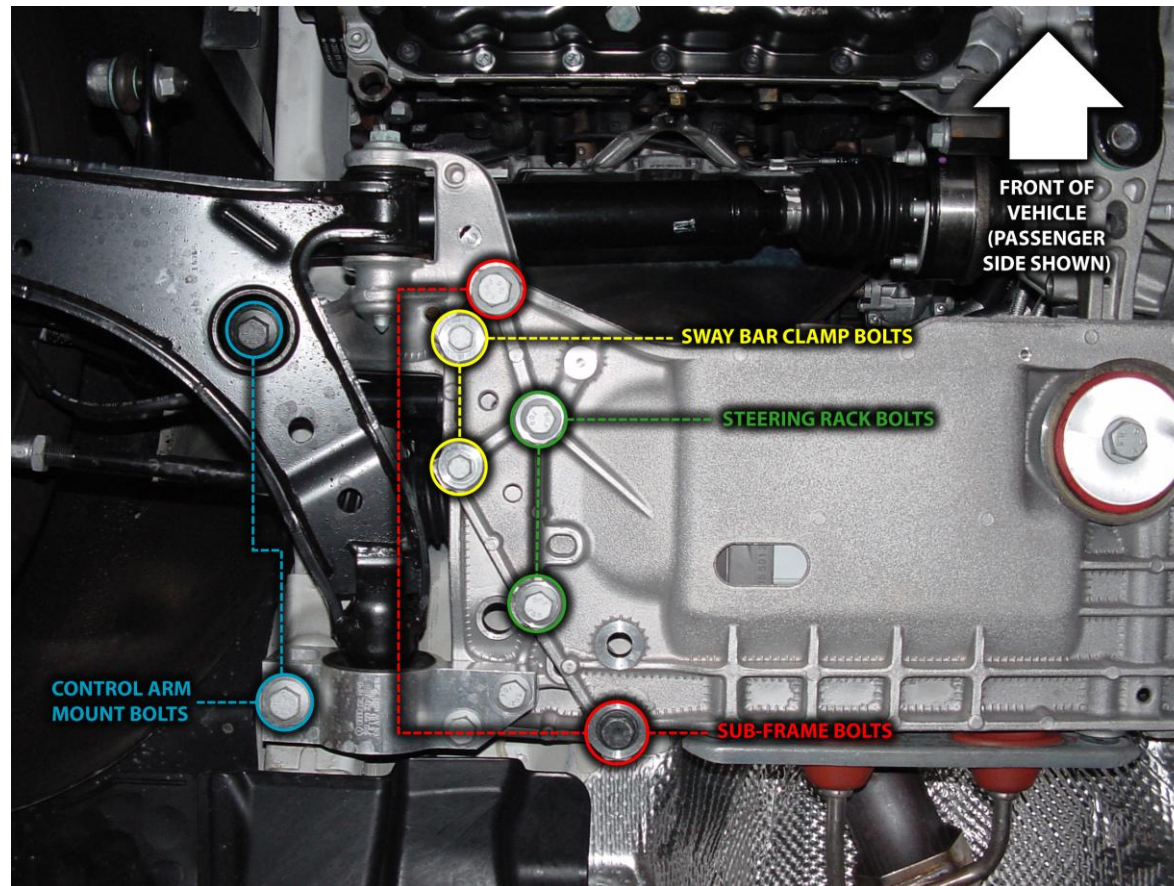
Anti-roll bar clamp bolts: 13mm hex bolts 20Nm (15 Ft.-Lbs.)

Torque arm mount at transmission: 16mm hex bolts 40Nm (30 Ft.-Lbs.)



14. Reinstall plastic wire guide, torque arm bolts and engine splash pan.

15. Double-check complete installation and **TEST DRIVE CAREFULLY!**



## BOLT IDENTIFICATION AND LOCATION PHOTO