

# NEUSPEED®

## ADJUSTABLE CONTROL ARM SET – PART #32.10.69

Fits 2000-05 Audi TT QUATTRO & 2004 VOLKSWAGEN R32

### PARTS LIST:

2 – ASSEMBLED ADJUSTABLE CONTROL ARMS  
2 – M12 X 80mm BOLTS

4 – SS BALL JOINT SPACERS  
2 – M12 WASHERS

### TOOLS REQUIRED:

1 – RATCHET DRIVER  
1 – WHEEL LUG WRENCH

1 – 18mm SOCKET  
1 – VEHICLE JACK

1 – 18mm WRENCH  
2 – JACK STANDS

1 – TORQUE WRENCH

1. Park car on a flat and level surface capable of supporting the vehicle's weight on vehicle jack and jack stands. Using the manufacturer recommended lifting points, raise the rear of vehicle and support with jack stands under lifting points. Remove rear wheels. **NEVER WORK ON A VEHICLE SUPPORTED ONLY WITH A JACK!**



2. Measure the length of the upper and lower control arms from center of hole to center of hole. The upper arm should measure 20<sup>3</sup>/<sub>8</sub>" , and the lower arm will measure either 20<sup>3</sup>/<sub>8</sub>" or 20<sup>1</sup>/<sub>2</sub>". If your vehicle is equipped with 20<sup>1</sup>/<sub>2</sub>" lower arms, replace the upper arms with these. The NEUSPEED Adjustable Control Arms can only be mounted in the lower control arm position. The NEUSPEED Control Arms have been pre-set at 20<sup>3</sup>/<sub>8</sub>".



3. Remove the inner and outer control arm bolts using an 18mm wrench and 18mm socket.



4. **Note:** For extreme conditions, optional ball-joint protection boots are available, part number 32.10.70. If purchased, install boots on ball-joints now. Install the NEUSPEED Adjustable Control Arms using the supplied outer M12 x 80mm bolt, washer and original nut, then install supplied stainless steel ball joint spacers and the original inner M12 x 80mm bolt and nut.



5. Check for ample clearance between brake line and control arm.



6. Using a floor jack and a block of wood under cast trailing arm, raise jack to preload the suspension. Torque all control arm bolts to 70Nm (52 ft/lbs). that were either loosened or removed.

7. Re-install wheels and torque lug bolts.



8. At your earliest opportunity, visit a vehicle alignment shop. **Note:** You must have a wheel alignment performed before driving more than 250 miles to prevent permanent uneven wear of your tires. After wheel alignment and adjustment of control arms, make sure that the technician aligns ball joint centered on axis with the suspension loaded.

**Camber Adjustment:** 1 full revolution of the turnbuckle is equal to about 1.25° of camber adjustment. **Note:** Turnbuckle has both left hand and right hand thread, disassembly is not required for adjustment.

### Tools Required for Camber Adjustment:

1 – 17mm Wrench  
1 – 24mm Wrench  
1 – 15/16" Wrench

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DOC.32.10.69 Rev. 07.12.07