

# NEUSPEED®

## REAR TIE-BAR

FITS GOLF III, JETTA III 1993-99

PART #3-80.10.50

### INSTALLATION INSTRUCTIONS

PARTS LIST:	1 - REAR TIE-BAR	6 - 1/4" - 20X3/4" BOLTS
	1 - NUTSERT TOOL	6 - LOCK WASHERS
	6 - NUTSERTS	2 - BALL-JOINTS
	2 - STRUT BRACKETS	3 - 1/2" - 20 JAM NUTS
	1 - FLOOR BRACKET	2 - 1/2" - 20 NYLOCK NUTS
		2 - 1/2" - 20X1 1/4" BOLTS
TOOLS REQ:	1 - 7/16" SOCKET	1 - 9/16" WRENCH
	1 - 3/4" SOCKET	1 - 3/4" WRENCH
	1 - 3/8" DRILL BIT	1 - X-ACTO KNIFE

1. Fold down rear seats, lift up floor carpet and side fender-well carpet to expose rear shock towers.
2. Mark holes for brackets 'B' on each rear shock tower by centering bracket with vertical tab as shown in detail drawing. Locate vertical tab and draw line at center of tab on down. Measure 2 3/4-inches from top edge of shock tower down. Mark *front* hole first, and drill a pilot hole. Then drill a 3/8-inch hole for the Nutsert. Touch-up holes with paint to prevent rust.
3. Using tool supplied, install a Nutsert in hole (see detail drawing), pushing down firmly as you tighten setting bolt. Torque to 10-12 foot pounds. **DO NOT** allow Nutsert tool to turn during tightening or removal of setting bolt.
4. Hold bracket 'B' in position and temporarily install forward bolt hand tight. Level bracket and mark for second rearward hole. Drill and install Nutsert as before. Now bolt 'B' brackets firmly to shock towers. Replace carpet over brackets, and slot carpet to expose ball-joint mounting tabs.
5. Thread ball-joints with jam nuts installed into main cross bar 'C'. Space them evenly on each side. Install bolts and lock nuts. Leave jam nuts *loose* at this time.
6. Swing main bar up and thread in bracket 'A' with jam nut installed -- longer offset goes toward *front* of vehicle. Swing bar down until bracket 'A' is *vertical*. **NOTE:** Removal of factory floor insulation may be required for bracket 'A' to sit flat on floor. Draw line from center-to-center of spot welds. Unscrew bracket 'A' until it firmly touches floor and align *straight* from front-to-back. **NOTE:** Rear hole *must* line up with spot weld line. Mark holes, drill and install Nutserts. Install bolts, tighten *all* jam nuts and lock nuts now. Re-install floor carpet and cut at floor brackets.

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7. Carefully double-check complete installation. Test drive carefully!

**NOTE:** Torque specifications for installing Nutserts and mounting bolts: 10-12ft lbs.

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