

# CTA 7642 BMW Trailing Arm Bushing Removal & Installation Tool

## Instructions

### Removal:

1. Unbolt shock absorber at trailing arm. Remove 2 bolts holding S-shape brake line to trailing arm.
2. Mark forward trailing arm carrier bracket for later re-installation. Unbolt forward trailing arm carrier bracket from chassis and lower front of trailing arm to gain access to bushing.
3. Unbolt bracket from bushing and remove from trailing arm. Mark so that the new bushing can be inserted in the same orientation.
4. Install bushing tool on trailing arm. Set aside rectangular washer (this part will only be used when installing new bushing). Thread the threaded block over the threaded rod bored-out portion first (to fit over the metal portion of bushing).
5. Insert rod through bore of bushing and slip U-shaped part over rod. Slip one steel washer over threaded rod. Thread on short nut and snug assembly in place on trailing arm. Thread second, long nut and jam against first, tightening the two using a pair of wrenches.

**NOTE:** Be sure U-shaped block seats neatly against trailing arm and threaded block seats neatly against the bushing **ONLY**.

6. Begin tightening nut. If excessive force is required, be sure tool components are properly seated against their respective parts.

**NOTE:** use penetrating fluid to loosen corroded bushings and housings.

7. Continue tightening nuts to slowly pull bushing out of trailing arm. Once bushing is removed, clean surface of trailing arms bushing housing.

### Installation:

1. Install bushing tool on subframe with U-shaped block seated against inner face of trailing arm.
2. Slip new bushing over threaded rod. Slip rectangular washer over threaded rod and seat against new bushing.
3. Thread threaded block down the rod until snug against rectangular washer.

4. Offset the marked bushing about 1/8" opposite the tightening direction. The reinstallation of the bushing will align itself.

5. Lubricate bushing with soapy water and begin tightening nut to draw bushing into housing. Be sure bushing is drawn in evenly.

6. Remove tool and re-install bushing carrier bracket (using the mark you made earlier), brake line and shock absorber.