

Removal and Installation Guide for kit 50032

The following guide is for tool kit 50034. This tool allows for the removal and installation of the bushing in kit 50032.

Included in kit:



- **Hex Nut**
 - ▶ Tightens components on bolt.
- **Bolt**
 - ▶ Pushes bushing into control arm bore.

- **Bushing Driver**
 - ▶ Pushes bushing into and out of control arm bore.
- **Removal Cup**
 - ▶ Holds bushing while it is being removed from control arm bore.
- **Installation Guide**
 - ▶ Chamfer guides bushing into control arm bore eliminating chances of installation failure.
- **Installation Washer**
 - ▶ Ensures bushing depth alignment.

Removal Tool Setup



(Old Bushing Still Installed into Control Arm)

1. Install bushing driver onto bolt.
2. Place bolt through the used bushing
3. Install the removal cup so that the cup is facing the bushing on to the bolt.
4. Add the nut and tighten until bushing has been completely removed from the control arm. The rest of the bolt and bushing driver should slide through the control arm.
5. Check the control arm bore to make sure that the previous bushing were completely removed, make sure that the bore is clean before moving on to the installation phase.

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Installation Tool Setup (New Bushing into Control Arm)

1st Installation Tool Setup



(Bushing Pre-Installation)

1. Inspect the control arm to make sure that it is still meets it's manufactures specifications.
2. Inspect the control arm for cleanliness, look closely for any burrs.
3. Place the bushing onto the bolt. Lubricate the bushing for easy install, STEMCO Kaiser recommends using water as it will evaporate, other lubricants can be used that will not affect the STEMCO Gaff Bushing.
4. Place the installation guide onto the bolt, making sure that the chamfer end is facing the bushing.
5. Align the bolt assembly up to the control arm.
6. On the opposite side of the control arm place the removal cup so that it is facing the bushing.
7. Add the nut and tighten, which will pull the bushing into the control arm. Install the bushing

into the control arm, and stop when the bushing slightly passes the bore into the removal cup.

8. Remove the 1st installation setup

2nd Installation Tool Setup



(Bushing Alignment)

1. Place the removal cup onto the bolt so that the back end of the cup is flat against the head of the bolt.
2. Push the bolt through the bushing that is partially installed into the control arm.
3. Place the installation washer on to the bolt, make sure that the recessed depth is facing the bushing so that the bushing is installed to the correct depth into the control arm.
4. Add the nut and tighten, until both the installation washer and the removal cup are flush with each side of the control arm.
5. Remove the 2nd installation tool setup.
6. Check that the bushing is aligned correctly into the control arm bore, so that it is evenly spaced between each end of the bore.