



Toyota Clamshell Stub Shaft Removal

This article details the removal of the stub shaft from Toyota Third Members. Our differentials do **NOT** come with these installed, you must re-use yours. Failure to do so will result in your Four Wheel Drive not engaging. There are two different methods of removing the stub shaft; they will both be outlined here.

Method 1

1. Lay the differential on a flat work surface with the stub shaft facing upwards:



2. Using two pry bars or large screw drivers, apply upward force on the stub shaft. They do not come out easily; a decent amount of force must be applied to release the stub shaft.



Method 2

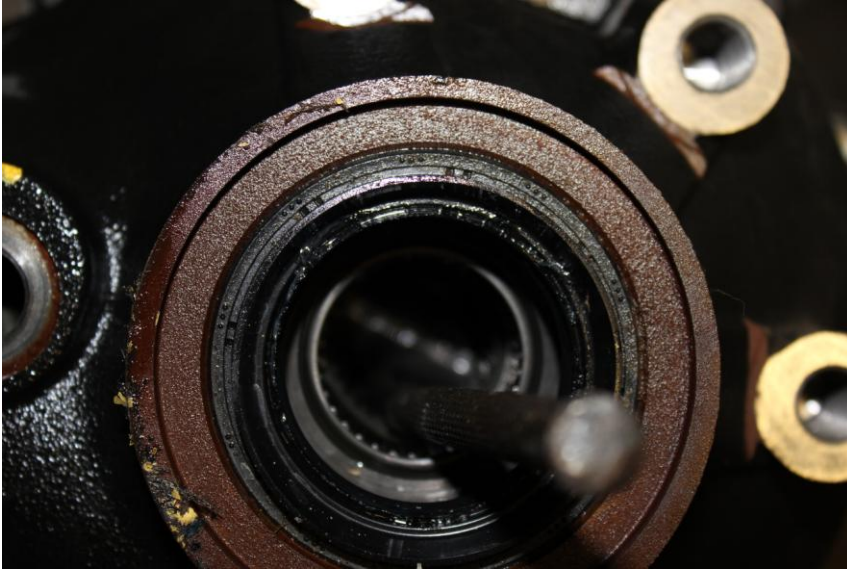
1. Place the differential on a flat work surface, driver's side facing towards you.
2. With a small punch, insert through the driver's side CV Joint opening. (NOTE: the clearance for the cross shaft is minimal, so a small punch needs to be used.)



3. Slide the punch past the cross shaft and onto the stub shaft



4. With a hammer tap the end of the punch until the stub shaft pops loose



Re-Installation

To re-install the stub shaft into your new differential tap the stub with either a dead blow or a block of wood and normal hammer. Do NOT hit the stub shaft directly with a metal hammer; this will cause damage to the shaft itself.