



TOOLS



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DIFFERENTIAL BEARING PULLER

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1.1 Bearing Removal from OE Carrier

The following instructions detail removal of a carrier bearing from most differentials. While ARB endeavors to cover every model of differential, we cannot guarantee that the bearing puller will work on every model of differential, due to the vast differences between models.

IMPORTANT :

PLEASE ENSURE THAT ANTI SEIZE IS APPLIED TO THE THREADS OF THE CENTER BOLT, AND BETWEEN THE TOP OF THE DRIFT AND THE END OF THE CENTER BOLT BEFORE USE. FAILURE TO DO THIS WILL RESULT IN THE CENTER BOLT SEIZING IN THE BODY (Fig. 1).



Figure 1.

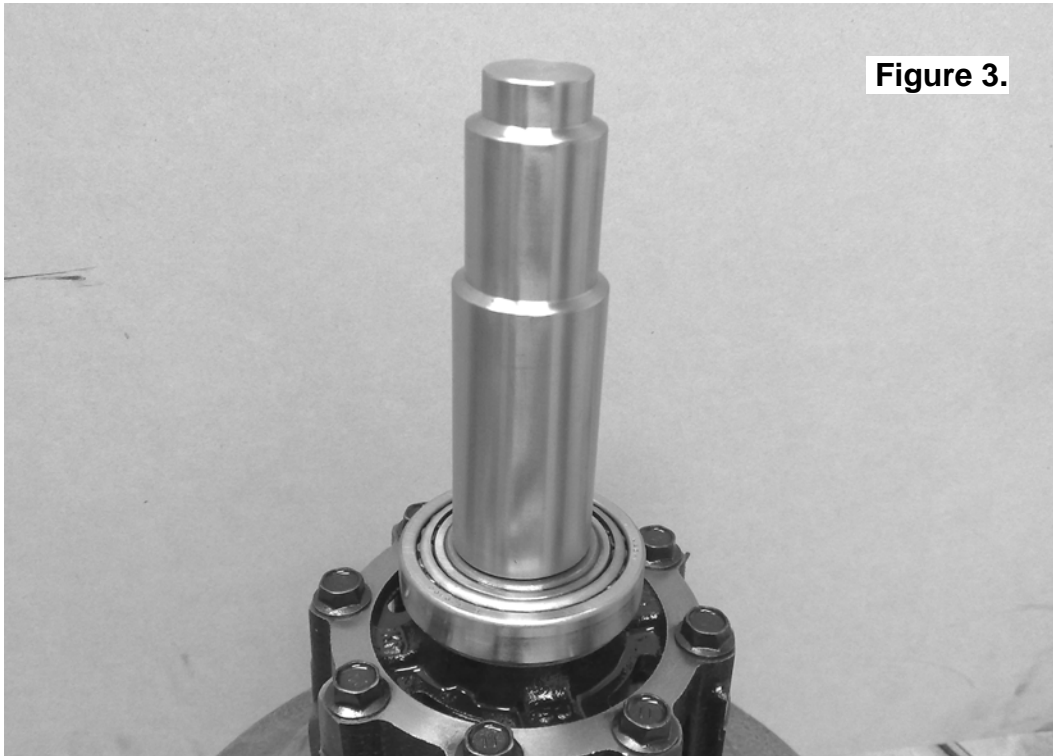
- Ensure that the bearing cup is on the bearing (Fig. 2.). Failure to do this will cause damage to the bearing cone.



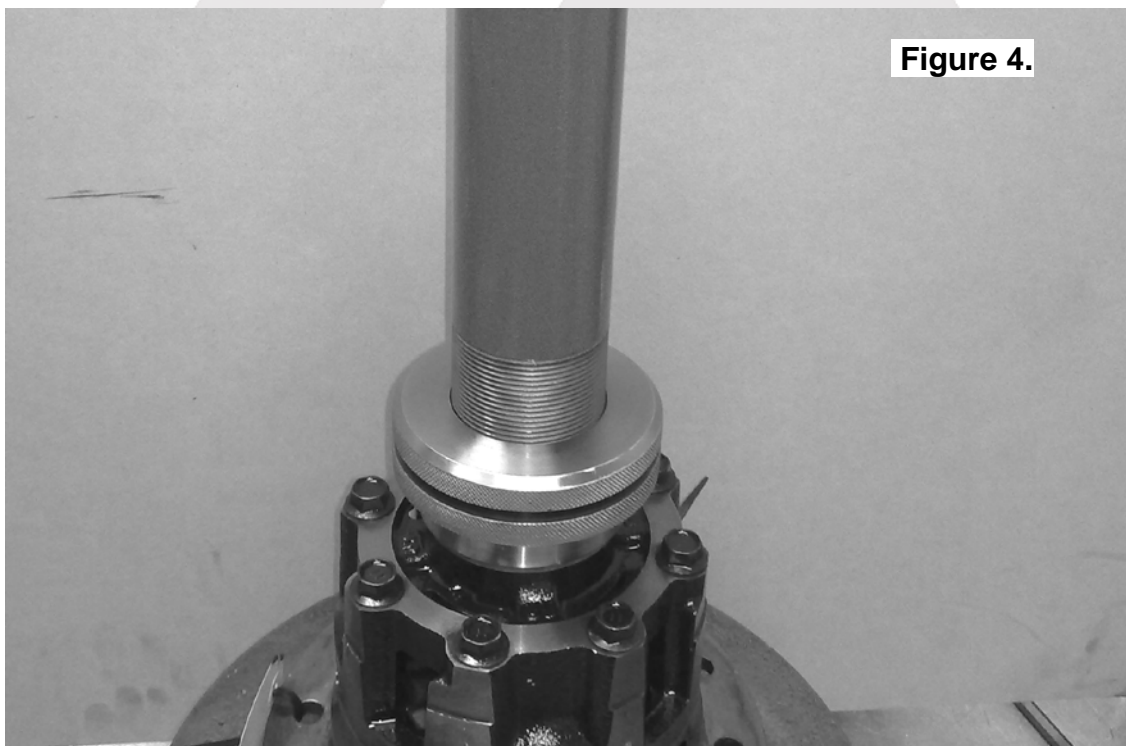
Figure 2.

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- Position the drift in place so that it is seated securely within the journal (Fig. 3.). The drift has been designed to accommodate several different sizes of differentials.

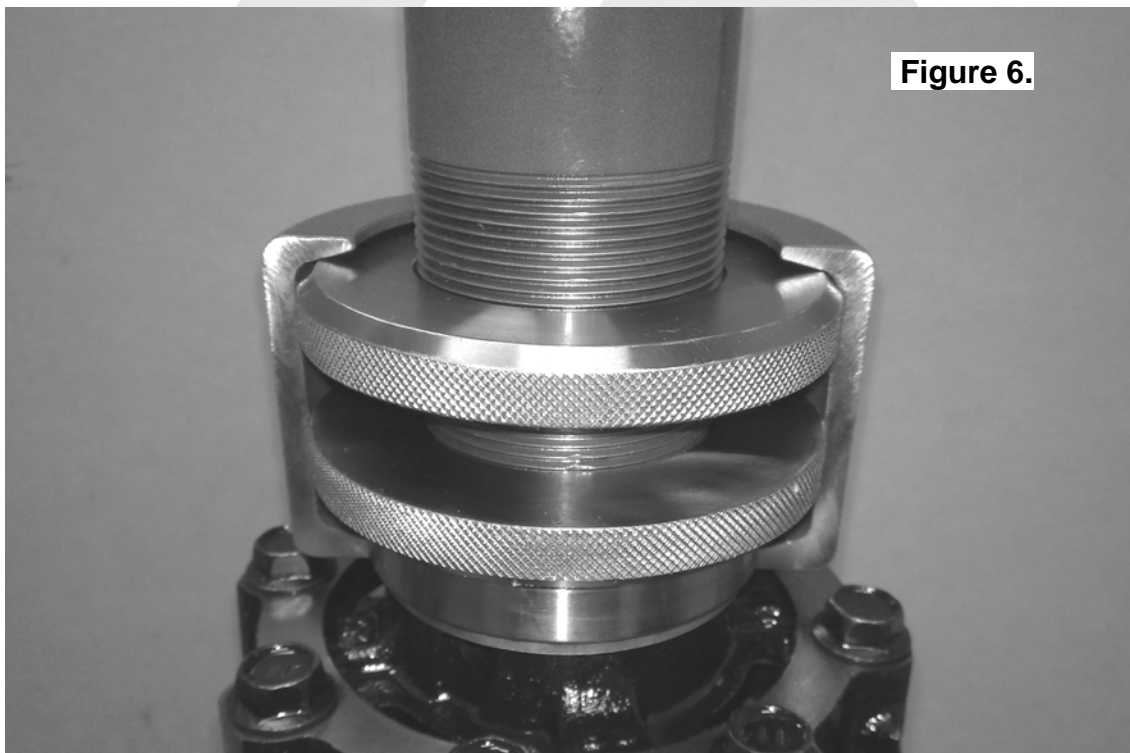
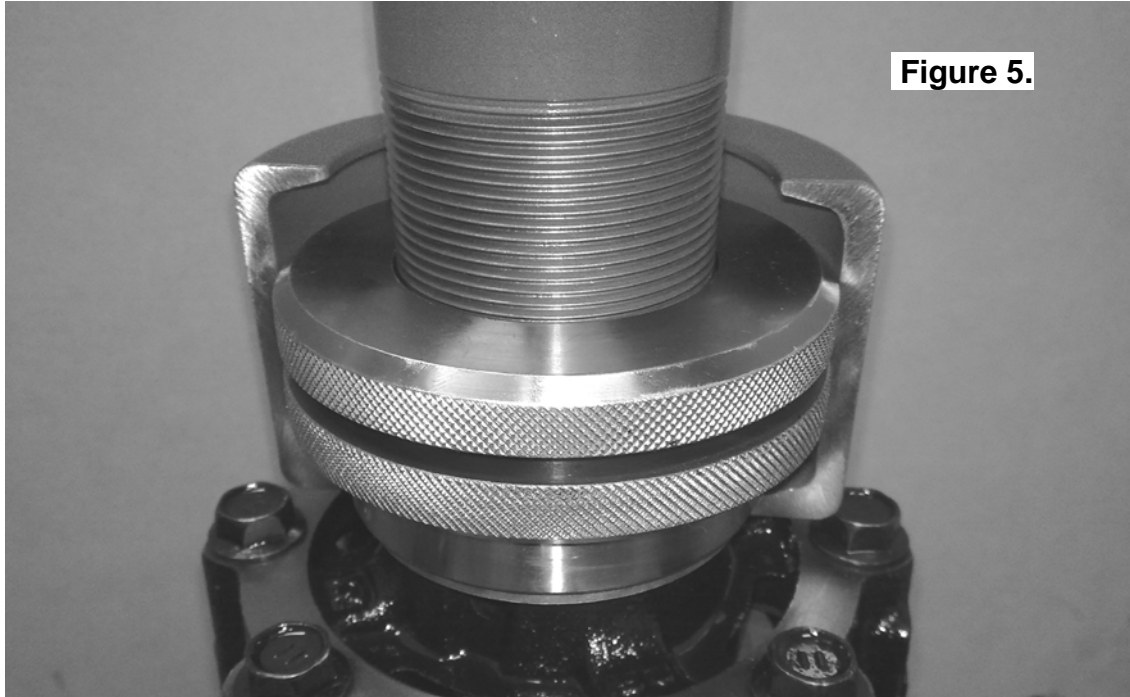


- Position the bearing puller body over top of the drift, and sit it down onto the bearing, ensuring that the center bolt is unscrewed enough to be clear of the drift. Screw the lower adjusting nut down, so that it is seated on the bearing cup (Fig. 4.).

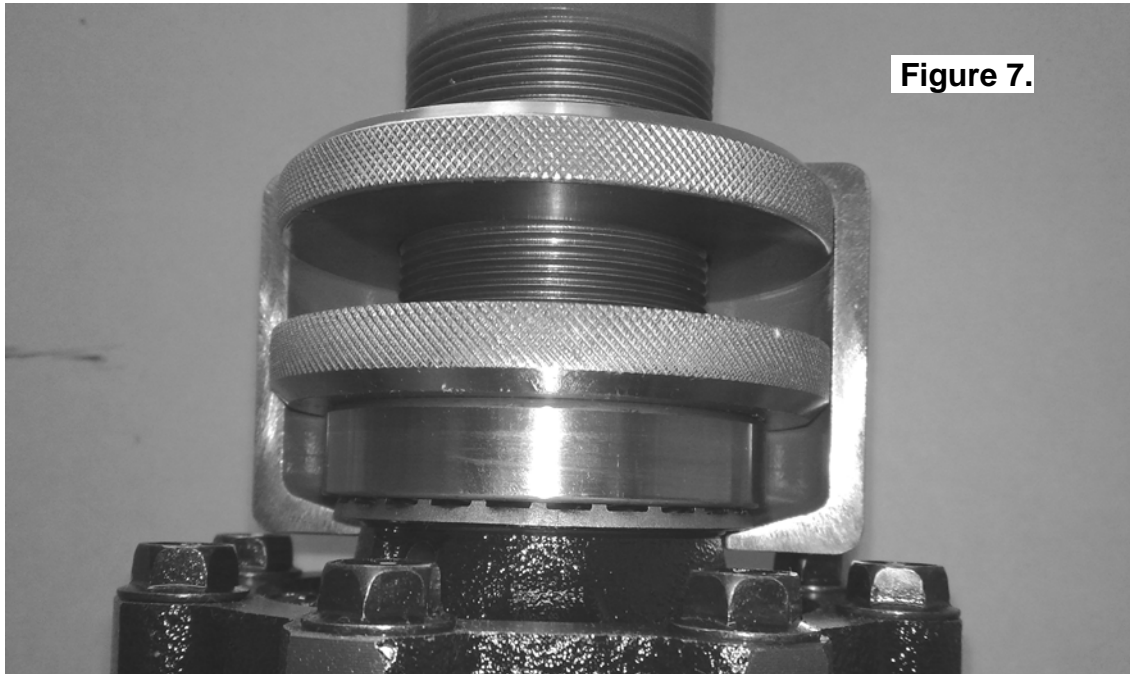


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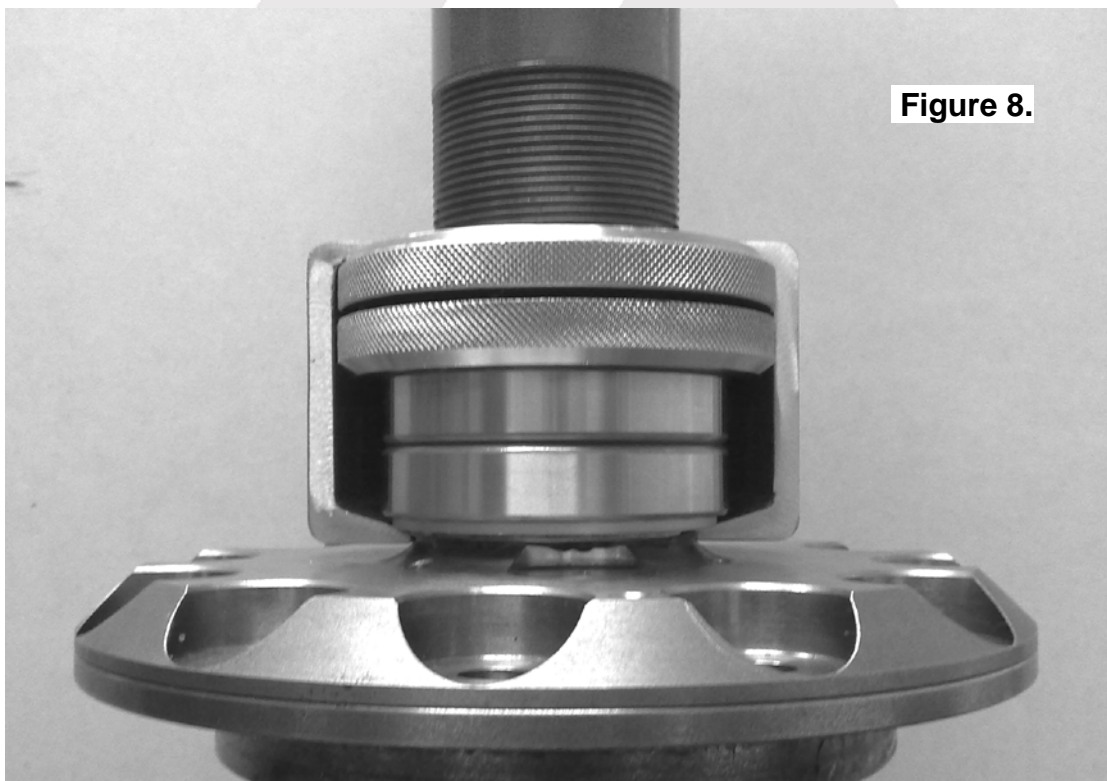
- The 2 piece clamshells fit over the adjusting nuts. There are 6 different sizes that can be utilized in the clamshell sets. Choose the clamshells that have the tightest fit around the bearing, without spreading the clamshells apart where they meet.
- Position one of the clamshells in place, and then rotate the top adjusting nut until it eliminates any up and down movement between the clamshell and bearing (Figs. 5., 6., & 7.).



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NOTE : When removing a bearing from the seal housing side of an *ARB Air Locker* a spacer may be required between the lower adjusting nut and the bearing cup to clear the seal housing journal. An ideal spacer to use is the bearing cup from the other end of the differential (Fig. 8.).



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- Place the second clamshell around the adjusting nuts, and then slide the retaining ring over the top of the clamshells to hold the assembly in place (Figs 9. & 10.). Hand tighten the retaining bolt to keep the ring from sliding off.



Figure 9.

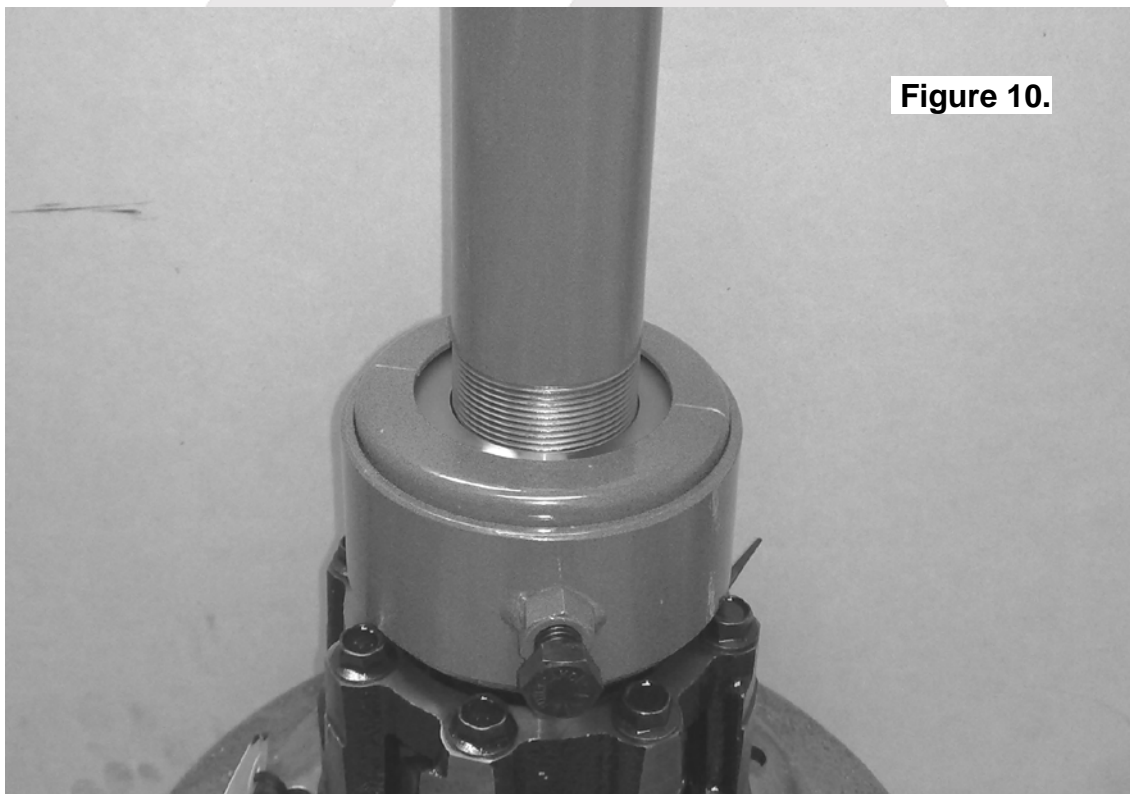


Figure 10.

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- Using a 36mm socket or wrench, drive the screw thread down into the body (Fig. 11.). This will lift the entire tool, pulling the bearing from the journal. The bearing can now be cleaned, inspected, and re-used if it is in good condition.



Figure 11.