



REMOVAL: Inner Pinion Bearings

STEP 1:

Place the bearing race onto the pinion bearing.



STEP 2:

Apply anti-seize to end of pinion gear where the Center Puller Bolt will make contact. Then place the Puller Tube over the pinion gear and thread the lower Adjuster Ring until it sits on top of the bearing race.



STEP 3:

Test fit Clamshell halves to find the clamshell that fits most tightly around the underside of the bearing race that doesn't leave a gap between the clamshells when you attempt to join them.



Next, thread the top Adjuster Ring upwards until it is snug against the top of the chosen clamshell to eliminate any up and down movement.

STEP 4:

Place both Clamshell halves over the threaded Adjuster Rings. Place the Retaining Ring over the Clamshells and hand tighten the bolt on the Retaining Ring.



STEP 5:

Use a 1/2" impact with a 36mm socket to tighten the Center Puller Bolt clockwise into the Puller Tube until the bearing is pulled off the bearing journal.



RICHMOND™



90-50010
X-Large Clamshell
(Sold Separately)

90-0002-1
Richmond Gear
Bearing Puller Kit
w/case

Richmond Gear Bearing Puller Kit Part# 90-0002-1

The Richmond Gear Bearing Puller Kit is designed for the removal of carrier bearings and inner pinion bearings, including those of the Dana 80*, AAM® 11.5" and AAM® 11.8" models*

CONTENTS :

- (1) Custom Carry Case
- (1) Puller Tube (Oversize tube fits up to 2.20" diameter pinion shafts)
- (1) Center Puller Bolt
- (1) Post Plug
- (2) Threaded Adjuster Rings
- (1) Retainer Ring -Black (Small & Medium Clamshell)
- (1) Retainer Ring - White (Large & X-Large)
- (1) Small Clamshell - Blue
- (1) Medium Clamshell - Red
- (1) Large Clamshell - Gray

SOLD SEPARATELY:

- (1) X-Large Clamshell (Part# 90-50010) - Black

* Requires Part # 90-50010 X-Large Clamshell

REMOVAL: Carrier Bearings



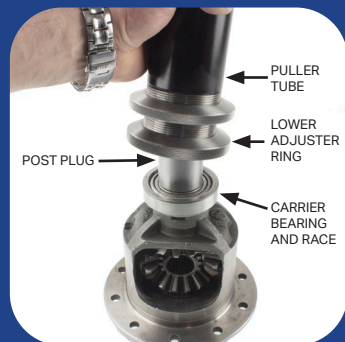
IMPORTANT NOTICE: Apply anti-seize to the threads of the Center Puller Bolt and the end of the Center Puller Bolt inside the Puller Tube. Failure to do so may result in the Center Puller Bolt seizing in the Puller Tube.



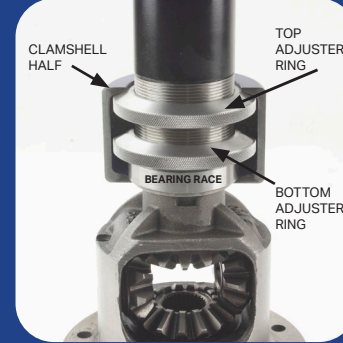
STEP 1:
Place the bearing race onto the bearing.



STEP 2:
Insert the Post Plug with the recessed end fitting inside of the carrier bearing journal. Apply anti-seize to the top of the Post Plug where the Center Puller Bolt will make contact.



STEP 3:
Place the Puller Tube over the post plug and thread the lower Adjuster Ring until it sits on top of the bearing race.



STEP 4:
Test fit Clamshell halves to find the clamshell that fits most tightly around the underside of the bearing race that doesn't leave a gap between the clamshells when you attempt to join them.

Next, thread the top Adjuster Ring upwards until it is snug against the top of the chosen clamshell to eliminate any up and down movement.



STEP 5:
Place both Clamshell halves over the threaded Adjuster Rings. Place the Retaining Ring over the Clamshells and hand tighten the bolt on the Retaining Ring.



STEP 6:
Use a 1/2" impact with a 36mm socket to tighten the Center Puller Bolt clockwise into the Puller Tube until the bearing is pulled off the bearing journal.