

Eastwood[®]

DO THE JOB RIGHT.[®]

Item #31532

REAR AXLE PULLER

INSTRUCTIONS



The **EASTWOOD REAR AXLE PULLER KIT** includes all the components required to pull axle shafts, seals, and bearings from most non-commercial, rear wheel drive vehicles. This tool, constructed of robust, high-strength steel alloy forgings, will provide years of reliable service.

CONTENTS

- (1) Threaded Slide Shaft: 5/8"-18
- (1) 2.6 lb. Slide Hammer
- (1) 5/8"-18 Lock Nut
- (1) Axle Flange Yoke
- (3) Bearing Puller Attachments
- (1) Bearing/Seal Hook
- (1) Heavy-Duty, Blow Molded Case



SAFETY INFORMATION

The following explanations are displayed in this manual, on the labeling, and on all other information provided with this product:

⚠ DANGER

DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.

⚠ WARNING

WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.

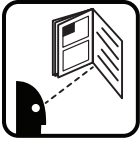
⚠ CAUTION

CAUTION used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.

⚠ NOTICE

NOTICE is used to address practices not related to personal injury.

SAFETY INFORMATION



⚠ READ INSTRUCTIONS

- Thoroughly read and understand these product instructions before using the Eastwood Rear Axle Puller.
- Keep these product instructions for future reference.



⚠ WARNING PINCH AND CRUSH HAZARD!

- Keep fingers and hands away from moving parts when operating.



⚠ WARNING IMPROPER MOTOR VEHICLE REPAIR WORK CAN RESULT IN INJURY OR DEATH!

- Performing automotive repair work can cause injury, death and vehicle accidents. **DO NOT** attempt to use this tool or begin work without proper training and a thorough understanding of motor vehicle mechanical systems.
- Always consult an authorized manufacturer's service manual or reference materials on the particular vehicle for the proper procedures before using this tool.



⚠ WARNING IMPROPER VEHICLE JACKING CAN RESULT IN INJURY OR DEATH!

- The Eastwood Rear Axle Puller must be used only on properly jacked and supported vehicles by properly trained individuals with thorough knowledge of automotive systems.
- Failure to use on a properly supported vehicle can result in serious bodily injury and property damage.
- Always consult an authorized service manual on the particular vehicle for the proper jacking/supporting procedure before using tool.



⚠ CAUTION EYE INJURY HAZARD!

- Chips may be ejected from striking components causing eye injury. Wear ANSI approved eye protection while using.



⚠ CAUTION FALL HAZARD!

- Parts may suddenly release while being pulled. Failure to ensure proper footing can quickly result in a fall which could inflict serious personal injury or property damage.

AXLE PULLER OPERATION

- Remove Brake Drum or Rotor to expose axle flange.
- Follow vehicle manufacture's procedure for releasing the specific vehicle's axle retention device.
- Place the Axle Flange Yoke on face of axle flange by centering slotted holes over wheel studs and attach securely with lug nuts. **(Fig 1)**.
- Add Locknut to threaded portion of Slide Shaft **(Fig 2)**.
- Thread Slide Shaft into mounted Axle Flange Yoke. **NOTICE:** Be sure to fully engage all threads.
- Rotate Locknut to seat against inner face of Axle Flange Yoke and tighten in place with a 1" or 24mm wrench. **(Fig 3)**.
- Move Slide Hammer inward toward Locknut. **(Fig 4)**.

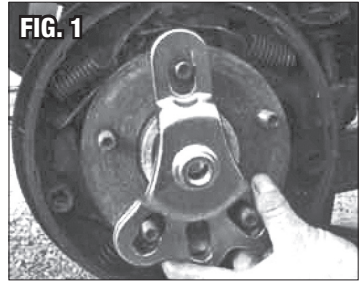


FIG. 2

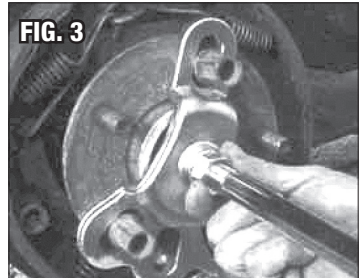


FIG. 4



⚠ CAUTION

Pinch Hazard. Keep hands and fingers away from moving components.

⚠ CAUTION

Eye Injury Hazard. Impacting metal components of tool may release chips. Wear ANSI approved eye protection while using.

⚠ CAUTION

Fall Hazard. Parts may suddenly release while being pulled. Failure to ensure proper footing can quickly result in a fall which could inflict serious personal injury or property damage.

AXLE PULLER OPERATION (CONTINUED)

- Quickly and sharply pull the Slide Hammer outward and allow it to slam against the “ball” portion of the Slide Shaft. (Fig 5).
- Repeat as often as necessary to remove axle.



AXLE SEAL PULLER OPERATION

- Add Locknut to threaded portion of Slide Shaft (Fig 2).
- Thread Seal Pulling attachment onto Slide Shaft.
NOTICE: Be sure to fully engage all threads.
- Rotate Locknut to seat against inner face of Seal Pulling attachment & tighten in place with a 1" or 24mm wrench. (Fig 6).
- Slip hook of Seal Puller under inner edge of Axle Seal. (Fig 7).
- Move Slide Hammer inward toward Locknut. (Fig 4).

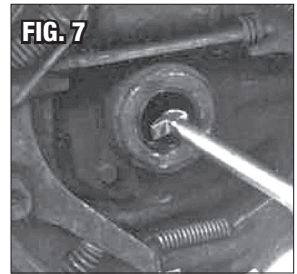


⚠ CAUTION

Pinch Hazard. Keep hands and fingers away from moving components.

⚠ CAUTION

Eye Injury Hazard. Impacting metal components of tool may release chips. Wear ANSI approved eye protection while using.



⚠ CAUTION

Fall Hazard. Parts may suddenly release while being pulled. Failure to ensure proper footing can quickly result in a fall which could inflict serious personal injury or property damage.

- Quickly and sharply pull the Slide Hammer outward and allow it to slam against the “ball” portion of the Slide Shaft. (Fig 5).
- Repeat as often as necessary to remove seal from axle housing.

AXLE BEARING PULLER OPERATION

- Add Locknut to threaded portion of Slide Shaft (**Fig 2**).
- Thread appropriate sized Bearing Pulling attachment onto Slide Shaft. **NOTICE:** Be sure to fully engage all threads.
- Rotate Locknut to seat against inner face of Bearing Pulling attachment and tighten in place with a 1" or 24mm wrench (**Fig 8**).
- Pivot the head of the Bearing Puller so that it passes through the bearing and allow the flats of the head to rest against the inner face of the bearing.
- Move Slide Hammer inward toward Locknut.



⚠ CAUTION

Pinch Hazard. Keep hands and fingers away from moving components.

⚠ CAUTION

Eye Injury Hazard. Impacting metal components of tool may release chips. Wear ANSI approved eye protection while using.

⚠ CAUTION

Fall Hazard. Parts may suddenly release while being pulled. Failure to ensure proper footing can quickly result in a fall which could inflict serious personal injury or property damage.

- Quickly and sharply pull the Slide Hammer outward and allow it to slam against the “ball” portion of the Slide Shaft. (**Fig 5**).
- Repeat as often as necessary to remove bearing from axle.

NOTES

ADDITIONAL ITEMS

- #31902 Eastwood 1/2" Drive 1000 Ft/Lb Composite Impact Air Wrench
- #31630 Rockwood Oil Drain Pan
- #13622 Eastwood 1/2" Drive Digital Electronic Torque-Angle Wrench
- #14533 Eastwood 10 Piece Bearing and Seal Driver Set

If you have any questions about the use of this product, please contact

The Eastwood Technical Assistance Service Department: 800.343.9353 >> email: tech@eastwood.com

PDF version of this manual is available at eastwood.com

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