

INSTALLATION INSTRUCTIONS

ATRO PARTS

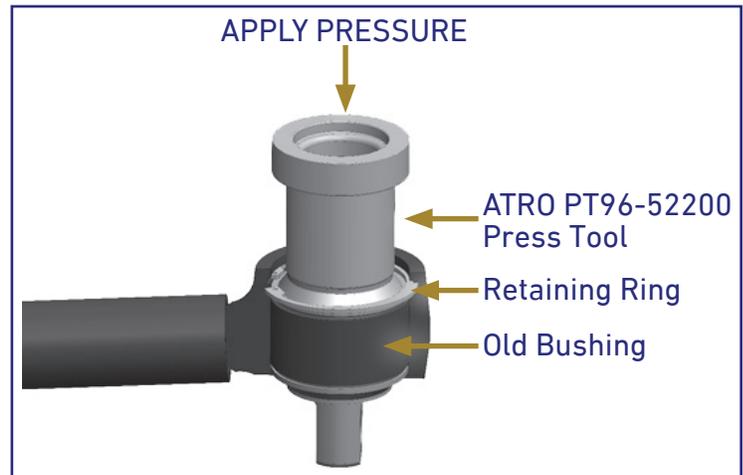
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VOLVO T-RIDE V-ROD STRADDLE BUSHINGS

(ATRO PART NUMBERS TS96-22286, TS96-22600, AND TS96-22700)

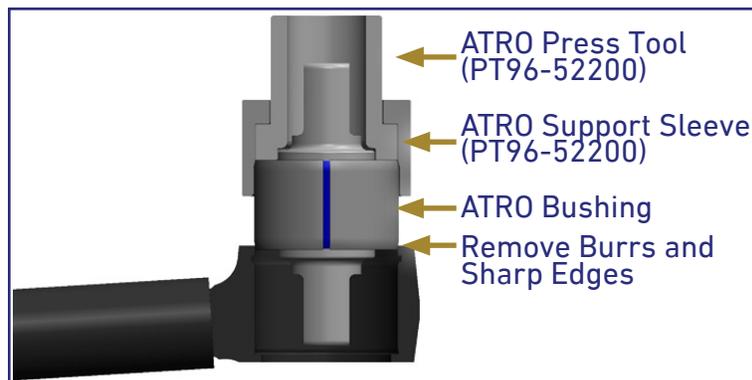
1) Remove old bushing(s) from rod eye.

- Using the small diameter end of the ATRO PT96-52200 tool and a hydraulic press, apply pressure to the bushing as shown below. This will remove pressure from the retaining ring.
- While maintaining pressure on the bushing, remove the retaining ring with snap ring pliers.
- Release pressure from bushing and remove from rod eye.



2) Bushing Installation (**Recommended Method**)

- Thoroughly clean inside of rod eye – remove any excess rust or debris.
- Using a file or alternate method, remove any burrs and sharp edges from leading edge of rod eye.
- Assemble the 2-piece ATRO# PT96-52200 installation tool and bushing as shown in the picture below. The support sleeve first slides over the press tool, then the press tool/support sleeve assembly is placed on top of the bushing.
 - NOTE: The purpose of the support sleeve is to prevent excessive bulging of the split steel outer sleeve during installation.
- Using a hydraulic press, install bushing into rod eye until fully seated.
- Install the retaining ring that was included with the new ATRO bushing.



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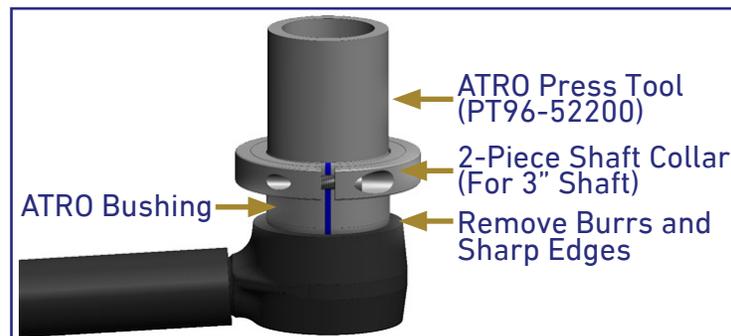
VOLVO T-RIDE V-ROD STRADDLE BUSHING

-CONTINUED-

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3) Bushing Installation (Alternate Method)

- Thoroughly clean inside of rod eye – remove any excess rust or debris.
- Using a file or alternate method, remove any burrs and sharp edges from leading edge of rod eye.
- Install a two piece, 3" shaft collar onto one end of the bushing outer sleeve as shown below. (Shaft collars can be purchased at hardware suppliers)
- Tighten shaft collar to slightly pre-compress the bushings' split outer sleeve.
- Using a 2 15/16" OD piece of tube and hydraulic press, install bushing into rod eye until fully seated.
 - (NOTE: There is no need to remove the shaft collar – the tube will pass through it during the pressing operation.)
- Install the retaining ring that was included with the new ATRO bushing.



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