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Form No. 104842

Operating Instructions
for:

1204
1205

Wet Cylinder Sleeve Puller

Note:

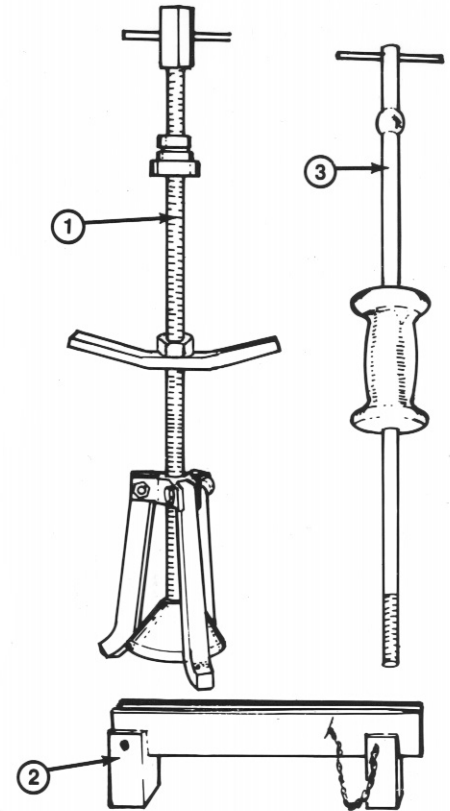
- The OTC No. 1204 Wet Cylinder Sleeve Puller consists of Items 1 and 2 as shown.
- The OTC No. 1205 Wet Cylinder Sleeve Puller consists of Items 1, 2, and 3.

Operating Instructions



Warning: Wear eye protection that meets ANSI Z87.1 and OSHA standards.

1. Remove the cylinder head and pistons from the engine according to the vehicle service manual.
2. Working from the top of the cylinder block, adjust the puller jaws to the approximate cylinder bore diameter. This is accomplished by turning the threaded rod counter-clockwise to expand the jaws or clockwise to reduce the jaw spread.
3. Position the puller in the cylinder so the jaws are below the bottom of the cylinder sleeve liner. Turn the threaded screw counter-clockwise approximately 2-1/2—3 turns. This allows the jaws to engage the cylinder sleeve liner. While holding the tool in place with one hand, allow the locking plate to drop down on top of the cylinder sleeve liner. Secure in place with the locking plate nut.



No. 1204

4. Install the adjustable bridge (Item 2) as shown in Figure 1. Tighten the bridge nut against the bridge as shown until the cylinder sleeve liner breaks loose. Continue tightening the nut to remove the sleeve from the engine block.

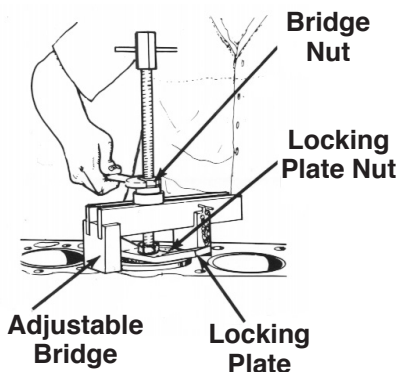


Figure 1

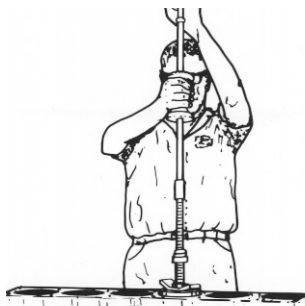


Figure 2

No. 1205

- 4a. Tighten the locking plate nut against the locking plate to hold the puller in place.
- 4b. Attach the slide hammer (Item 3) to the puller and remove the cylinder sleeve liner. See Figure 2.
- 4c. If the cylinder sleeve liner will not break loose from the block, install the adjustable bridge (Item 2) as shown in Figure 1. Tighten the bridge nut against the bridge as shown until the cylinder sleeve liner breaks loose and protrudes above the block at least 1/2 in. Attach the slide hammer and complete the pulling job.