



Fig. 1



Fig. 2

The Broken Stud Remover comes with an assorted collection of positional aluminum drill guide templates necessary for accurately drilling a hole in the center of a broken axle stud in order to effectively remove it using a screw extractor.

To use, determine which aluminum drill guide template matches the pattern of the axle studs in your hub. Place the drill guide bushing in the drilling template as shown in Fig. 3.

Eye protection required when using this product



Fig. 3



Fig. 4

Refer to Fig. 4 to slide the drilling template onto two existing axle studs. (See arrows.)

Once the guide is in place you can now drill into the broken stud. Wear eye protection!

Drill into the stud approximately 5/8 inches deep using the 1/4 inch diameter drill bit provided.

Remove the drill template once the hole is drilled.



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Fig. 3



Fig. 4

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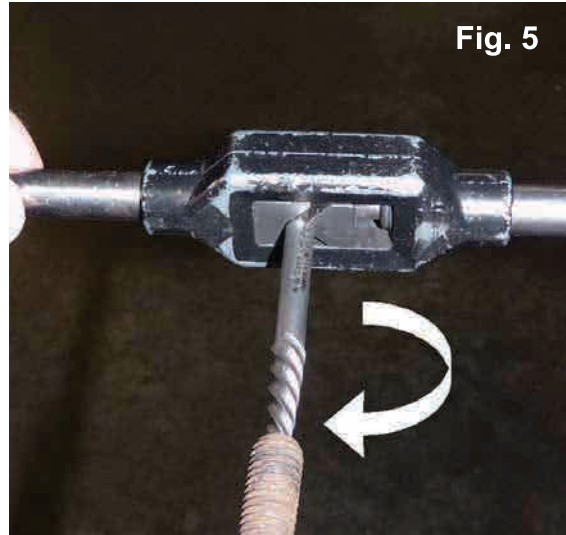
Once the guide is in place you can now drill into the broken stud. Wear eye protection!

Drill into the stud approximately 5/8 inches deep using the 1/4 inch diameter drill bit provided.

Remove the drill template once the hole is drilled.

CHEETAH® HUB AXLE STUD EXTRACTOR

March 23, 2010



Place the screw extractor in a suitable die cutting T-bar handle and as shown in Fig. 4, firmly press the screw extractor into the drilled hole while turning in the direction indicated in Fig. 5.

Note: The screw extractor provided is for studs either pressed into the hub or screwed into the hub with right-hand threads. A left-handed screw extractor would be necessary if removing left-hand threaded wheel studs.

Once the broken stud is removed simply replace it with a new wheel stud.



MADE IN THE USA

The machined aluminum parts have a tool number stamped on them for identification.

TSI Part Numbers:

- 12491 Tool #1
- 12492 Tool #2
- 12493 Tool #3
- 12494 Tool #4
- 12495 Tool #5
- 12496 Tool #6
- 12497 Tool #7
- 12498 Tool #8
- 12499 Drill Bushing 1/4" ID
- 12500 Screw Extractor
- 12501 Drill Bit 1/4"
- 12502 Storage Case

For a complete Kit:

6300 Cheetah® Stud Extractor Kit