

Huckbolt® Removal

(with common shop tools)

The 1 1/8" Huckbolt® C50L® Fasteners used in truck/trailer suspension applications are designed as permanent fasteners. Once installed, they should be removed only by mechanical method. Use of a cutting torch may damage suspension components, and should be avoided. The mechanical removal process is rather simple in concept.

NOTE: The Huckbolt® fastener is clamped at a very high rate. Proper caution should be exercised when removing these bolts, as they may release their clamp suddenly. Wear proper eye protection and keep your face at least 2 feet away from the collar as you work on the removal process.

An installed fastener (as shown in Fig. 1) has a collar that is cold-worked or 'swaged' over the grooved C50L pin.

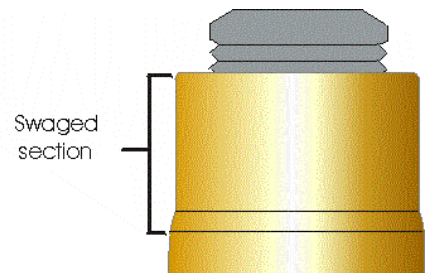
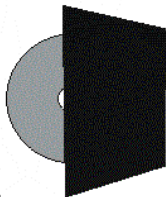
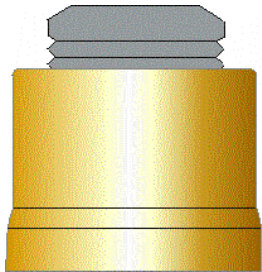


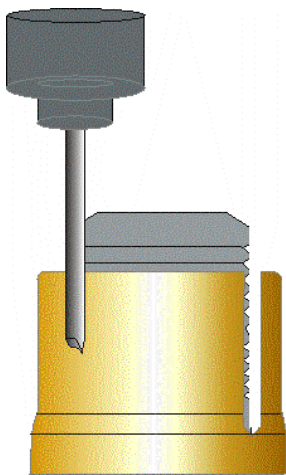
Fig. 1

No amount of twisting or hammering will dislodge the pin from the collar.



The collar must be cut longitudinally to the extent of the swaged section. This may best be accomplished with a small wheel grinder, as shown in Fig. 2

Fig. 2



Also, a drill may be used on opposing sides of the collar as seen in Fig. 3

Fig. 3

An alternate method of opening the collar is to chisel the collar walls out to free up the pin as seen in Fig. 4

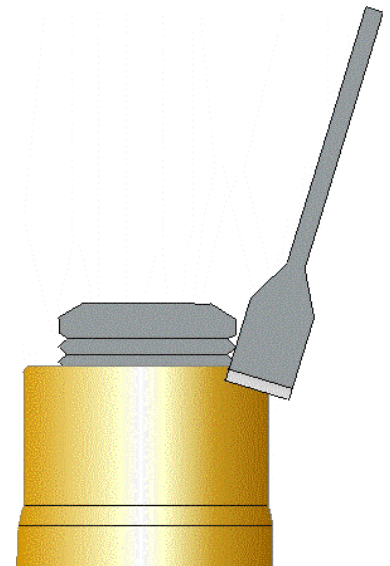


Fig. 4

Once the collar has been opened over the length of the swaged portion on two opposing sides, as shown in Fig. 5, the pin may become freed, or be may require additional force to hammer or punch the pin out of the collar

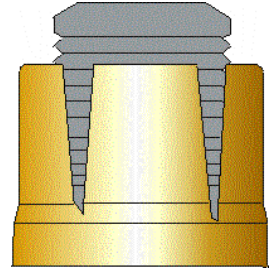


Fig. 5

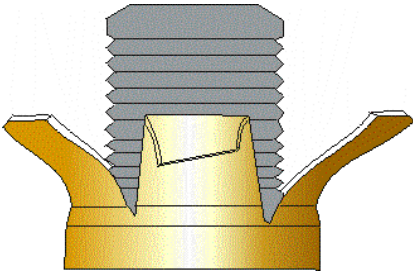


Fig 6.

If the pin doesn't come loose, use a chisel, or vice-grip type pliers, to peel the collar sections back as seen in Fig. 6

The pin will come free when sufficient collar material has been pulled away from the swaged section of collar as seen in Fig. 7

