

Steering Column Services

GM (Saginaw) Pivot Pin Removal

These instructions will show you how to remove the pivot pins from a GM tilt steering column using the 'Pivot Pin Removal Tool'. This design was used on Saginaw build tilt steering columns (GM, Jeep, Mopar, etc) between the years 1969 and 1994 (additional years may apply).



1) Separate the tool parts and assemble them as shown



2) With the nut threaded most of the way onto the puller shaft, thread the small threaded end of the puller shaft into the pivot pin by hand.

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- 3) The open end of the cap on the puller should face the dash, allowing the enclosed cap to fully cover the visible portion of the pin and seat flush against the housing



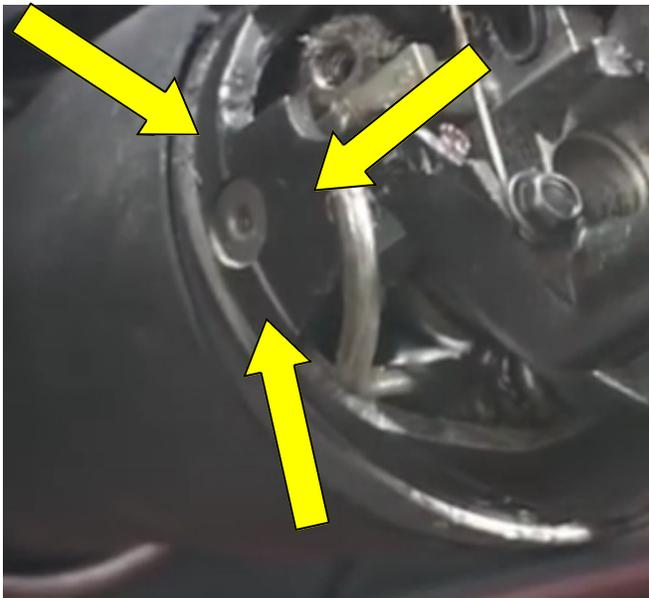
- 4) Once the puller shaft is fully seated in the pivot pin, begin to tighten the nut on the shaft making sure the cap is positioned correctly.

(A crooked cap will cause the tool to break instantly)



5) Using an open end wrench, crescent wrench or ratchet and socket, continue to tighten the nut on the puller shaft. This should draw the pin out of the housing smoothly.

DO NOT FORCE IT!!!



6) If the nut on the puller gets tight and does not feel like the pin is going to move ...

DO NOT FORCE IT!!!

Using a small hammer, tap around the area of the pin to jar the pin loose. The different metals of the pin and the housings cause corrosion to build up and fuse the pin in place. Tapping around it, should break it free. You may have to do this continually as you draw the pin out VERY SLOWLY.

Be careful not to hit the housing so hard that you break the housing!



7) Once you fully tighten the nut on the shaft, the pin should come out easily. The last few threads can be done by hand.