

Control Shaft Guide Pin

Column Shift

1946 Willys CJ-2A

NOTES:

The part drawing is not exactly to scale. Dimensions are accurate as best I could measure considering 50+ years of wear.

1) The raised "nub" fits into a hole in the shift bracket on the steering column. It keeps the control shaft centered in the bracket.

2) This land keeps the control shaft from excess rocking on the pin. The position dimensions for this land around the pin are not critical. The original part had an irregular land shape. Anything approximating this should work.

3) Recess to fit bias spring

4) The shape of this bore is approximate. I have no way of precisely replicating the contour. It's location and depth are accurate.

5) The spring pin centerline distance is questionable. My original measured 0.150" on one side of the pin, and 0.160" on the other side. I split the difference to get 0.155"

6) The spring pin hole is not parallel to the shift lever bore axis. As close as I can measure, it's 20°.

WARNING: I am convinced this angle is NOT correct! It's possible that my guide pin, from which I took these measurements, is either:

- a) not an original Willys part, or
- b) was drilled incorrectly for spring pin alignment.

See my notes & photos on the pictures web pages.

Drawing date: 1/27/2005

Scale: 1:1

Units: decimal inches

Revisions:

