

# TECHNICAL

## Tips

### Solving a Hinge Pin Dilemma



because we all have questions!

I solved my hinge pin dilemma for our '36 C-9 Coupe by making my own, see attached photos. As my hinge pins and bores in the door hinges were extremely worn I opened up the bores from 11/32" to 3/8" using an adjustable parallel reamer and sourced a number of suitable high tensile 3/8" 5/16" UNC Hexagon Socket Shoulder Screws @ \$6.00 each. These screws are supplied surface ground to 3/8" diameter and are perfect for the job. I then ground the socket heads to a convex shape to mimic the original head of the hinge pins and filled the small hexagonal hole with silver solder. The next step was to knurl the end closest to the dome head and finally after cutting them to length using a .040" cutting blade in a small grinder you see the end result in the attached photos.

Incidentally I found that the prime cause of accelerated hinge pin wear is when the hinge bores are not in alignment on both the body and the doors. This was particularly evident on our C-9 coupe as the coupe has 3 hinges on each door versus the two on a sedan door.

Regards  
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*Aussie C-9 Coupe*

