

Flint Seals

By Bill Hoaglan

I recently installed modern seals in my '25 Flint H-40 Trans. and Pinion housing....Our Local bearing house was very helpful selecting the seals...For the Trans I selected a lip seal having the correct shaft size (seal I.D.) then looked for the smallest cross section in that series (smallest O.D.) with a 1/4" width....I bored the Trans front and rear bearing retainers to approx .003" under seal O.D. for press fit.

Pinion, I machined pinion housing nose to same size as seal O.D. also faced housing nose back for seal/flange clearance (approx 3/16", then machined a press fit collar to extend 5/16".....For machine stock for extension collar I used a cheap 2" shaft collar from bearing house, they measure 2x3x7/8" then braze the 1/2" set lock hole full.... Shop floor seems to be dry now...Anyway, that's my story and I'm sticking to it.



