Using the Cam Chain Link Tool

CONTENTS:

- Cam chain link tool
- 4 tips—anvil, pusher, seat, crimper

NOTES:

a) The biggest mistake you can make is not lining up the seat. The tool is very powerful. If it seems difficult—stop. The seat isn't properly lined up with the link pin.
b) The other mistake is taking too big a bite. Like vise grips, make small adjustments for each squeeze.
c) Each of the four tips does a specific job. Use each one correctly.

USING:

1) Back off the cam chain tensioner(s), remove cam(s) and sprocket(s). Safety-wire the cam chain on each side of the link that will be separated.

2) Choose the link you want to separate. Set up tool with anvil and seat. Push one pin until flush with its sideplate. See figure A.

3) Replace anvil with pusher and continue pushing pin, in steps, each time adjusting pusher, until pin is driven all the way out of the link. The chain can now be separated. The safety wire keeps each end from falling into the engine. See figure B.

4) Repeat the procedure above on the new chain, but this time don't push the pin all the way out. Push it just enough to separate the chain.

5) Set up the tool with the anvil and seat and connect the new chain to the old by pressing the still attached pin into place. See figure C.

6) After threading the new chain into place, separate the old chain from the new by repeating steps 2 and 3. The pin must be almost all the way out of the sideplate, but must remain in the new chain.

7) Repeat step 5 to connect the two ends of the new chain together. The pin should stick out of the link equally on both sides.

8) Set up the tool with the anvil and crimper and lightly crimp each side, alternately, by flipping tool over. See figure D.

9) Wrap the newly connected area of the chain around the cam sprocket momentarily, held in your hand, and lightly tap each side of the crimped link with a small hammer, to unkink (free up) the crimped link.

10) Reassemble, time, and tension cam(s) and cam chain(s) per the manual.

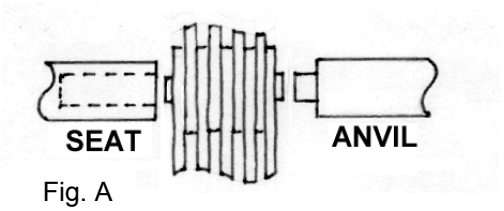

Fig. A

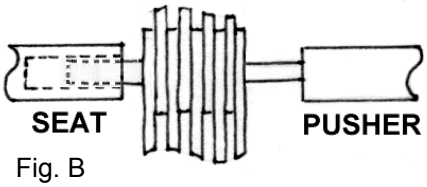

Fig. B

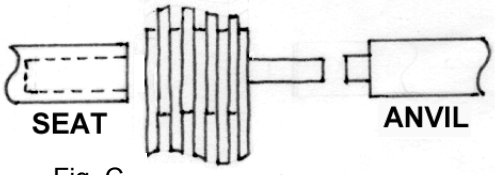

Fig. C

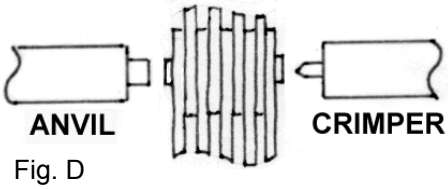

Fig. D

Although a Hy-Vo type chain is shown, the tool works on roller type chain also