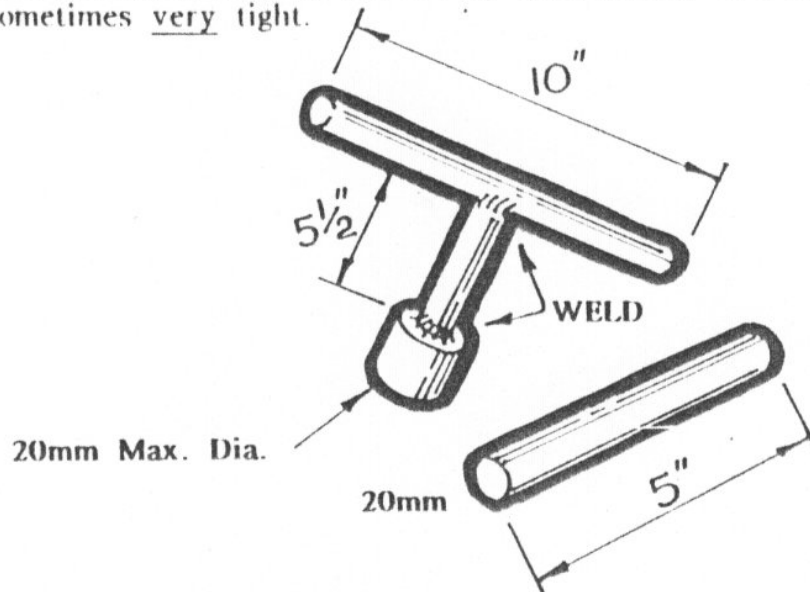


Tool Set For Fan Pulley Removal

If your special has the standard 2CV fan cowling fitted, removing the fan pulley to access the points box can be a real pain. Even if the cowlings have been dispensed with, you may still need to remove the pulley occasionally, and these tools certainly make the task easier.

When trying to remove the fan pulley, the first problem you are faced with is removing the central bolt. Workshop manuals blithely state 'use a box spanner to remove bolt'. Most people use socket sets nowadays, but a $\frac{1}{2}$ " drive socket has too large an outer diameter to be able to pass down the bolt hole in the centre of the pulley. You would otherwise need to use a very high quality box spanner, because these bolts are sometimes very tight.



The solution is to obtain a single 14mm $\frac{3}{8}$ " drive socket from an autojumble or car boot sale and make the tool shown above. The length of the bars are more critical than you might think. These have been designed to provide maximum leverage while still clearing the chassis, or even the front bumper if you are using the tool on a standard 2CV. Having locked the engine and removed the bolt, the next stage is to jar the fan pulley from its taper. Insert the mandrel into the central bolt hole and give the protruding end a good, hard, sideways blow with a hammer. The pulley will jump off its taper, no problem. The time spent making these tools will be amply repaid the first time you use them.