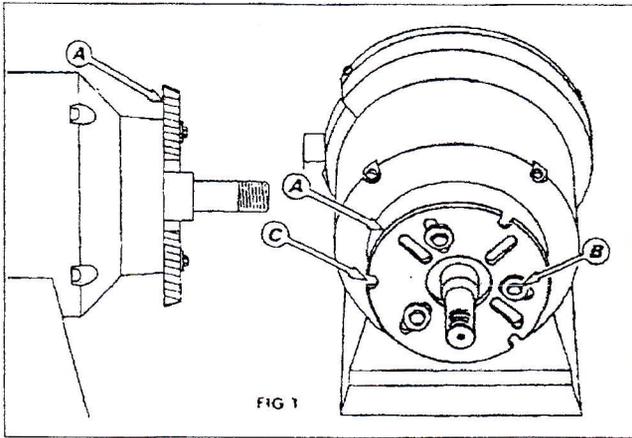
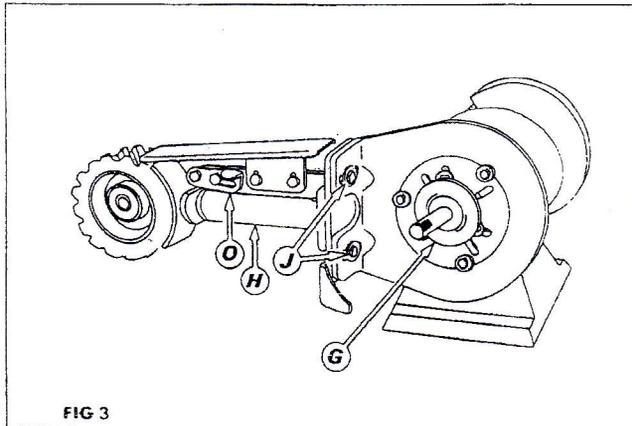


# FITTING INSTRUCTIONS — ALL MULTITOOL MODELS

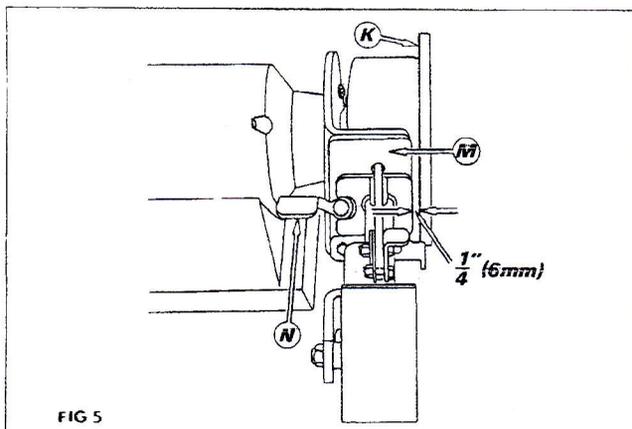


From the right hand end of the grinder, remove wheel cover, wheel, wheel flanges and wheel guard. Fit slotted adaptor plate A using either  $\frac{3}{16}$ ",  $\frac{1}{2}$ " or 5mm bolts B provided. Use washers under heads. The outer edge of adaptor plate is tapered. Face smallest side of taper away from grinder as shown in Fig 1A.

RYOBI ONLY:- 5mm bolts (silver) are used on Ryobi Grinders with round body shape manufactured after 1990 on these 8" grinders only use 2 washer as spacers between the adaptor plate and grinder as well as the washer under each head. This provides clearance for heads of bolts E that would otherwise foul grinder. 8" models prior to 1990 with square shaped body, use  $\frac{3}{16}$ " screws with one washer only as a spacer.



Fit idler arm H using  $\frac{5}{16}$ " diameter bolts J and washers provided. Fit one of the heavy dished wheel flanges G provided in the kit, that suit either  $\frac{1}{2}$ " diameter or  $\frac{5}{8}$ " diameter shaft size and check that it clears heads of bolts B. If it fouls, use either  $\frac{1}{2}$ " or  $\frac{5}{8}$ " diameter washer F Fig 2 (provided in kit) behind flange. Pulley is fitted with precision nylon bush to suit  $\frac{5}{8}$ " (15.9) shaft. Fit additional bush to suit  $\frac{1}{2}$ " (12.7) shaft. For  $\frac{3}{4}$ " (19) shaft, remove bushes with care. A bush is provided to suit 14mm shaft.

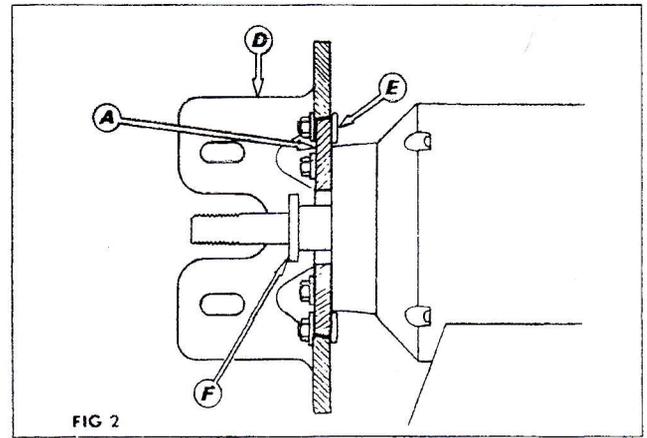


Idler arm mounting plate M must now be set  $\frac{1}{4}$ " (6mm) clear of inside edge of disc K. Slots are provided under clamp bolts J Fig 3 for this adjustment.

Set tracking lever N in mid or horizontal position. Fit belt and release spring loaded contact wheel by lifting catch O Fig 3.

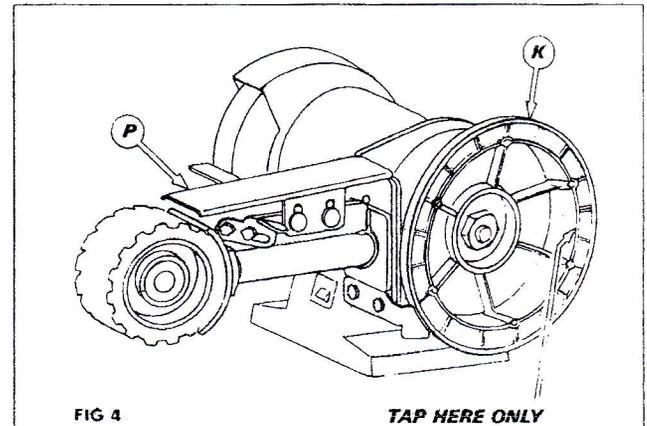
It is not necessary to remove platen as in Figs 5 & 6. This is removed for clarity of instruction only.

**N.B.** There will always be some parts left over after fitting.



Fit clamp bracket D using flat headed bolts E through the 3 slots C in outer edge of adaptor plate A, with flat heads of bolts facing grinder. With angle face of bracket approximately vertical, tighten clamp nuts evenly. If Multitool is to be used in vertical position simply loosen nuts, tap bracket D to loosen. Swivel to desired position and retighten nuts.

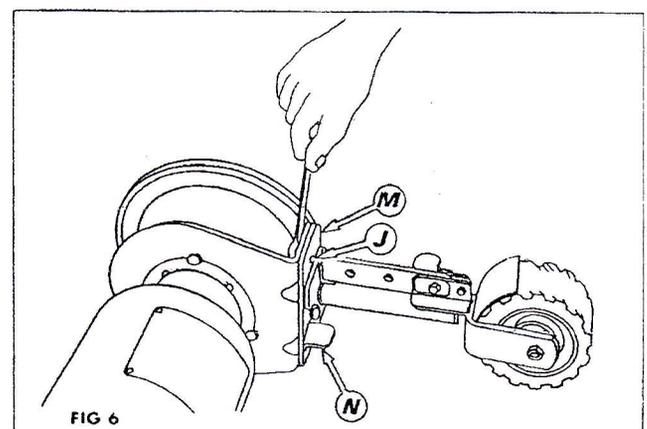
The above cutaway view is from the rear of the right hand end of the grinder showing the tapered fit of adaptor plate A and clamp bracket D.



Fit Disc/pulley K by applying pressure as you turn it anti-clockwise while holding the grinder wheel at opposite end with rag or gloves. Use  $\frac{1}{2}$ " or  $\frac{3}{8}$ " diameter washer F under nut and tighten with a socket spanner. If pulley is removed it must be turned in the same anti-clockwise direction. If disc face does not run true, tap gently on inside edge of rim only.

**CAUTION:** Tap only with a piece of softwood or a leather or rubber hammer to avoid any damage that would void warranty on this component.

**NOTE:** A poor quality nut on the grinders spindle may prevent pulley from being trued up. If this is the case replace nut.



Pull belt over a few revolutions by hand, if belt wanders towards disc loosen top bolt J and tap the top of mounting plate M a small amount towards disc. If belt moves towards grinder tap top of plate M towards grinder. When belt runs evenly on contact wheel, retighten bolt J, turn grinder on and check. Final tracking adjustment can be done with lever N. Down moves belt to left, up to the right. Fit cover plate using counter sunk head self tapping screws provided. Clean face of disc with a solvent, not a household cleaner and fit adhesive backed disc pad provided or optional velcro backing pad.