

## **Clutch push rod info supplement for standard lengths & SRM pressure plate fitting**

### **1970 to 1973 BSA A65**

A65 Late type 3 lift ball mechanism,

Standard clutch pushrod length = 11- 1/8" or 282.5mm

Pushrod cut to first test length of 9 7/8" 250.8mm , approx. 31.7mm off.

End of pushrod measured from face of inner cover hole that lift mechanism shaft protrudes into is approx. 0.3125" 3/8 inch 7.94mm, rod may have to be shortened a tad to be right when fitting is finished.

### **1962 to 1969 A50/A65**

A65 early type lever lift with separate shaft that locates on arm and inside inner cover hole.

STD pushrod length = 11-1/16" or 281mm

Pushrod length 9 3/4" 247.6mm approx. 33.3mm off .,

End of gearbox mainshaft to end of pushrod on timing side = approx. 1/4" 6.35mm

End of pushrod measured from face of inner cover hole that lift mechanism shaft protrudes into approx. 0.3125" 3/8 inch 7.94mm, rod may have to be shortened a tad to be right when fitting is finished.

### **BSA A7 A10 B31 B33 Gold Star swingarm models**

Start by taking off 31mm , work down from there

A10 original clutch pushrod length

6 spring clutch 11.5" 293mm

4 spring clutch 12" 304.8mm

### **Triumph Pre-Unit 5T 6T T100 T110 T120**

Standard pushrod length approx. 12-5/16" 312.74mm with 5 friction plates fitted

Cut off 31mm off as starting point.

### **Triumph Unit 650cc & T140**

Standard pushrod length approx. 11-13/16" to 11-7/8" 300.03mm- 301.6mm, cut 31mm off as starting point.

### **Triumph Unit 350cc & 500cc**

Standard pushrod length approx. 9-1/4" to 9-9/16" 234.95mm to 242.88mm depends on how many clutch plates fitted to original clutch, Either 4 x Friction & 5 x plain steel plates, or later clutch with 5 x friction plates and 6 x plain steel plates.

Cut 31mm off as starting point.

**Note** to reharden clutch pushrod after cutting and cleaning off end faces square and clean of burrs, heat the ends of the pushrod with a gas flame till the end glows a "Cherry" red colour, then quench red hot end in oil or water to harden the ends. Note do not do this until you have made sure clutch pushrod is cut to correct length.

Rule of thumb indicates to cut off 31mm from original clutch pushrod as a starting point when fitting the SRM clutch pressure plate kit. Clutch pressure Plate centre adjuster set with approx. 3 to 4 threads above lock nut.