

February 1, 1965

TRI-COR SUPPLEMENT #1

TRIUMPH WORKSHOP MANUAL FOR UNIT CONSTRUCTION 650cc TWINS.

INSTRUCTIONS: Enter this sheet between pages A8 and A9.

The Oil Pressure Indicator is no longer fitted to all Twin models starting with engine No. DU13375 (650cc) and H35987 (500cc). The new parts are shown in 1965 parts books No. 3 (650cc) and No. 6 (500cc). The following instructions **MUST** be followed when installing these new parts in earlier model twins.

1. Remove and discard all of the parts shown in FIG. 1.
2. Examine piston for scores and make sure that it moves freely in valve body. Clean screen and examine for damage.
3. Install piston in valve body followed by the new Oil Pressure Relief Valve Spring E6062 and Blind Cap E2304 as shown in FIG. 2. Fit a new fiber washer GS254 at the same time.
4. Carefully tighten blind cap. DO NOT hold valve body in vice. If this body is squeezed or distorted, the piston will stick in the body and serious damage can result due to lack of oil pressure.
5. Fit new fiber washer E1670 between pressure relief valve body and crankcase and carefully tighten the complete assembly and at the same time check the tightness of the blind cap.

Failure to follow the above instructions could cause a major engine failure due to lack of lubrication to connecting rod bearings. The correct oil pressure relief valve spring is required to limit maximum oil pressure to 80 psi. If the spring or piston is omitted in the assembly, or if a weaker spring is used, or if the piston is seized in the body in the open position, the oil pressure will be reduced accordingly and this could lead to lubrication failure and serious trouble.

REMEMBER: Spring E6062 MUST ALWAYS be used with Blind Cap E2304.

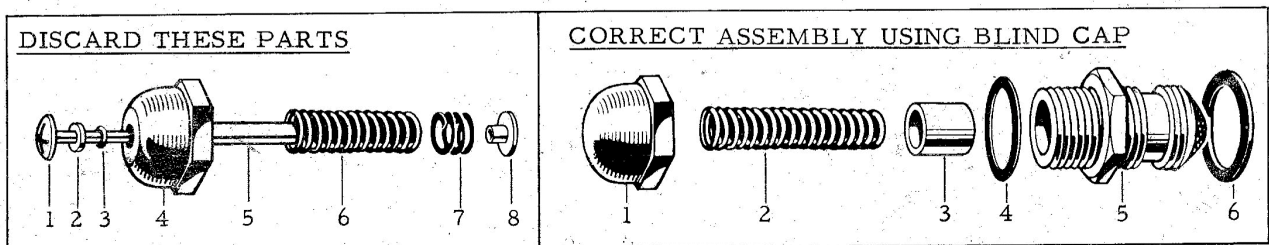


FIGURE #1

FIGURE #2

1. E2791 Button and Shaft
2. E4194 Cup
3. E4193 Sealing Ring
4. E4192 Cap
5. E2793 Sealing Rubber
6. E2788 Main Spring
7. E2789 Auxiliary Spring
8. E2792 Shaft Nut

1. E2304 Cap
2. E6062 Main Spring
3. GS251 Piston
4. GS254 Fiber Washer
5. E2794 Valve Body
6. E1670 Fiber Washer