

B.S.A. CYCLES LTD.

SERVICE SHEET No. 54.

Service, July 1936.

MOTOR CYCLE

MODELS X-0, B-1, B-2 and B-18.

CRANKCASE AIR RELEASE VALVES.

In the event of any tendency for an oil level to be built up in the crankcase owing to the efficiency of the slotted scraper ring, an excessive amount of lubricant may be fed to the primary chaincase as the result of crankcase compression.

To assist in the reduction of crankcase compression an air release valve is available, and can be fitted to existing machines by drilling a $\frac{5}{16}$ in. diameter hole in the timing side crankcase half, and tapping 20 threads per inch R.H. C.E.I., the exact position of the hole being shown in the diagram below. It is important that the dimensions given be accurately observed, so that oil swirl from the exhaust cam pinion be avoided.

