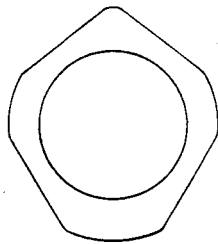
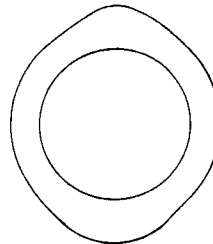


**CIRCUIT BREAKER CAM AND LUBRICATION
SPORTSTER, ELECTRA GLIDE, SUPER GLIDE**

The 1972 design circuit breaker cam, part no. 32542-70A is recommended for replacement of cam, part no. 32542-70 on 1971 and later Sportsters, 1970 and later Electra Glides and 1971 and later Super Glides. New cam replaces old cam for all parts order requirements.



NEW CAM SHAPE
PART NO. 32542-70A



OLD CAM SHAPE
PART NO. 32542-70

The new cam shape allows a greater range of point gap adjustment, making gap adjustment less critical and ignition timing more consistent from cylinder to cylinder. Point gap specification remains at .018, however dwell changes from 90° to 140° for new cam.

Proper lubrication of the circuit breaker cam and advance mechanism is essential for correct advance operation and to minimize rubbing block wear.

Hi-Temp grease, part no. 99862-72, should be used exclusively because it will provide adequate lubrication at high engine temperatures where ordinary grease will melt away from critical surfaces.

Apply only a small amount of Hi-Temp grease to the cam surface - do not over lubricate because excess may get between point contacts causing burning. Apply a small quantity on the cam shaft, on the advance weight pins and underneath the advance weights. See Service Manual for correct assembly of circuit breaker and advance mechanism. Set circuit breaker point gap at .018 in. on rear cylinder (wide) cam lobe and set ignition timing using a strobe timing light. Advance timing mark should be in center of hole with engine speed above 2000 R.P.M. Rear cylinder advance timing mark is a double dot (Sportster) or single dot (Electra Glide/Super Glide), which should appear on or near the front cylinder advance timing mark.

HARLEY-DAVIDSON MOTOR CO., INC.