

SERVICE INFORMATION



STANDARD AND TRIUMPH VEHICLES

(NOT FOR PUBLICATION)

No.	SPORTS/3/B	REINFORCED CAMSHAFT	Date	JUNE 1954
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Development work on this engine has shown that at high speeds the deflection of the camshaft, Part No. 301230, under heavy valve spring loading, is a limiting factor in valve clatter speed.

The camshaft has now been stiffened at the front section to reduce this deflection to a minimum, and this provides a greater reserve against over-revving in competition work. This reinforced camshaft, Part No. 301466, was fitted to all engines after Engine No. TS.1636E.

The base radius of all the cams had to be increased with this stiffening of the front section of the shaft, but the lift remains unchanged. The push rod, Part No. 106968, has been decreased in length from 10.37 inches to 10.34 inches, this dimension being measured as shown in the illustration. Although the shorter push rod is being used in production with the reinforced camshaft to provide the widest range of adjustment it is not necessary to change push rods when replacing the earlier camshaft by the modified one.

The modified camshaft is obviously an added precaution against valve clatter through “over-revving” when the vehicle is used on any high speed circuit. work.

NOTE: These instructions are for information only and do not constitute an authority to carry out modifications at the expense of The Standard Motor Company Limited.

1 ILLUSTRATION.

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PUSH RODS

5/16" \pm .0005" DIA
GAUGING BALL

"L"

1.51"
1.49"
GAUGING
DIA.

MODELS

20S "L"		5C "L"		20TR 2 "L"	
PART No.	REMARKS	PART No.	REMARKS	PART No.	REMARKS
60255	IO.635" VIE TO V5048 E	104824	8.00"	106968	IO.435" MUST NOT BE USED AS REPLACEMENTS FOR ENGINE No TS.1883 E AND FUTURE.
61169	IO.605" V5049 E TO V6495 E	104824	7.95"	106968	IO.388" MUST NOT BE USED AS REPLACEMENTS FOR ENGINE No TS.1883 E AND FUTURE.
61124	IO.605" V6496 E AND FUTURE.	104824	8.06"	106968	IO.358" MUST NOT BE USED AS REPLACEMENTS FOR ENGINE No TS.1883 E AND FUTURE.
				106968	IO.328" MUST NOT BE USED AS REPLACEMENTS FOR ENGINE No TS.1883 E AND FUTURE.
				106968	IO.315" MUST NOT BE USED AS REPLACEMENTS FOR ENGINE No TS.1883 E AND FUTURE.
				106968	IO.285" MUST NOT BE USED AS REPLACEMENTS FOR ENGINE No TS.1883 E AND FUTURE.

LOW COMPRESSION

108616	IO.453	
	IO.423	

This Sheet gives Important service Information and should be filed by your Service Dept. in the Service Information Folder.