

ENGINE DESCRIPTION

General Description

The air cooled Porsche engine is a four cylinder, four stroke cycle, overhead valve, carburetor engine, with two pairs of cylinders horizontally opposed. It is mounted on the recessed flange of the rubber cushioned transmission housing by four bolts.

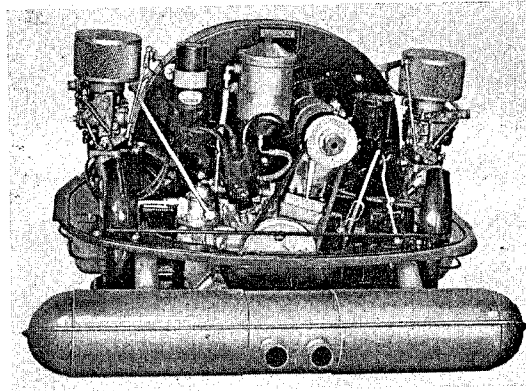


Fig. 7

Crankcase

The cast light alloy crankcase consists of two crankcase sections and a timing case cover. These three parts are machined in sets and are mated to each other, making it necessary to replace them as a unit. The timing case cover may be replaced separately provided the two crankcase sections are sent to the factory to be properly machined.

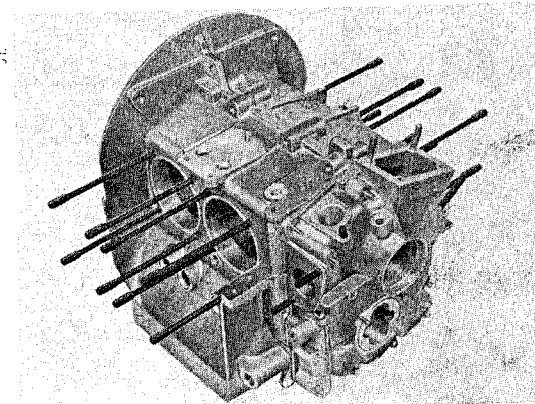


Fig. 8

Crankshaft and Connecting Rods

The crankshaft is supported by four light alloy insert bearings, and is hardened on all bearing surfaces. No. 1 bearing acts as crankshaft thrust bearing and is a sleeve. No. 2 bearing is split. No. 3 and No. 4 bearings are sleeves. No. 4 bearing may be replaced without disassembling the crankcase by removing the timing case cover.

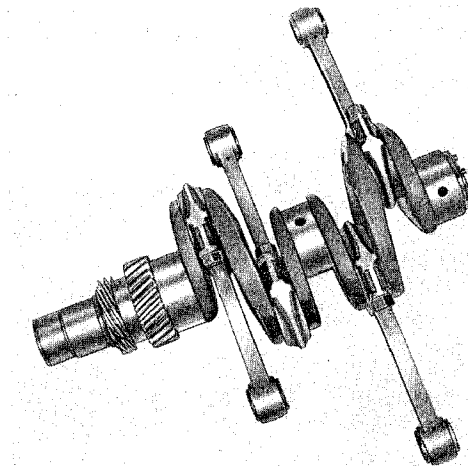


Fig. 9