

BMC 950 c.c. Cars – Mini-Cooper
COMPLETE ENGINE KITS

SPEEDWELL

ENGINE KITS and PARTS

Speedwell engine kits are complete sets of Speedwell components specially selected to give a specific performance improvement economically and with reliability. The BMC Cooper-Mini unit is already a highly developed engine but it also has a reserve of mechanical strength making it ideal for further tuning. Speedwell have produced two kits, the "GT" and "Clubman", the latter representing the highest degree of tune recommended for road-going use. The large capacity 1152 cc conversion, available only as a complete engine, is described in a separate leaflet and racing engines and components are described in the "Competition" section. With all Speedwell kits there are no exchange parts to be returned. All the original equipment is retained so that the conversion can easily be changed over to a new car.



Kit

The main component of this kit is the Speedwell Light-Alloy Cylinder head, Clubman type. This has large inlet valves, efficient porting and a compression ratio of 11 to 1. Speedwell double valve springs permit up to 7000 rpm to be reached and the well known twin tailpipe Supertone silencer provides the most efficient exhaust operating conditions.



Performance Data

Maximum speed	0-50	0-60 mph
90 mph	9-7 secs	15-0 secs
Approx. fuel consumption 35 mpg.		

Contents

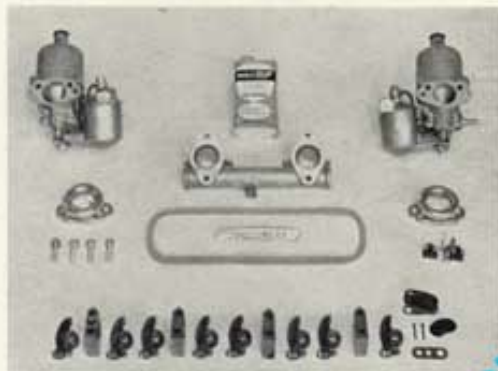
Alloy cylinder head, Type C	Valve Guides (fitted)
Large inlet valves, KE.965	Exhaust valves KE.965
Double valve springs	Air bells
Plated rocker cover	Splash plate
Spark plugs	Supertone silencer
Nuts and bolts, Badge	Moly slip, Gaskets, etc.

● 12 Months Guarantee ●

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Clubman Kit

These kits include the Clubman light alloy cylinder head together with all the other components of the "GT" Kit plus two more Speedwell power-producing components: A larger twin SU carburettor set to maintain breathing at higher RPM and the unique Speedwell rocker gear to give the effect of a high lift, longer overlap camshaft.



Additional Clubman Parts

- Twin 1½" H4 SU carburettors
- 1½" Air bells
- Linkages and choke parts
- Enlarged and polished inlet manifold
- Speedwell rocker gear set



Performance Data

Maximum speed	0-50 mph	0-60 mph
96 mph	8.0 secs	11.5 secs
Approx. fuel consumption	30 mpg.	

Order Reference

Packing Data

Description	Cat. No.	Size	Weight
GT Kit	GT.A1/C	39" x 19" x 7"	40 lbs.
Clubman Kit	GM.A1/C	100 x 48.2 x 17.8 cm	18 Kg.

● 12 Months Guarantee ●

Speedwell Performance Conversions Ltd., London, England