

BMC MINI RANGE



**special
equipment
for your
motor car**



SPEEDWELL PERFORMANCE CONVERSIONS LIMITED LONDON ENGLAND



It is not suggested that you should always drive like this, but even with a Speedwell stabiliser fitted, anything is possible!

Speedwell equipment will make your Mini an even better car

The BMC Mini is undoubtedly a fantastic car. It incorporates more new features in one vehicle than ever before, but can a mass produced car ever be exactly what you want? Speedwell products will help you modify your Mini to suit your precise personal requirements, whether you want extra acceleration, higher cruising speed, better instrumentation, improved road holding and braking or other individual touches, Speedwell produce and supply the best equipment for the job.

Performance Equipment

You can improve the performance of your Mini in small easy stages or in one or two big steps, as all Speedwell items can be purchased separately or as complete kits, which of course have a slight price advantage. All engine kits are developed in Speedwell's own Engine Test House which is one of the most elaborate and scientifically equipped test centres in the country. The specifications derived from these engine tests, ensure that when a kit is fitted to your engine it will give you a consistent and pre-determined performance. Speedwell's team of skilled technical staff, under the leadership of our Technical Director, D. W. H. Jones, ensure that our products are manufactured to the highest engineering standards, yet remain competitively priced to suit everyone's pocket.

When contemplating engine improvements, the Mini owner usually decides to fit a straight-through silencer as a first step. The Speedwell Supertone '85' and Big Max silencers combine all the requirements of the straight-through principle, easy fitting and long life.

The next stage is invariably twin carburettors or in the case of a Mini Cooper, a larger pair of S.U. carbs or even an alternative type of carburettor altogether. Speedwell Sprint Kits comprise all the components to fit an additional carburettor to your Mini or Twin

1½" S.U.'s to your Cooper. If you are an ex-motor cyclist you may prefer the famous Twin Amal kit, which offers your Mini a tremendous power increase.

For further improvements, there is a complete range of kits starting with the Sport Kit followed by GT Kits, Clubman Kits and complete modified engines for road and competition purposes.

Road Holding and Braking

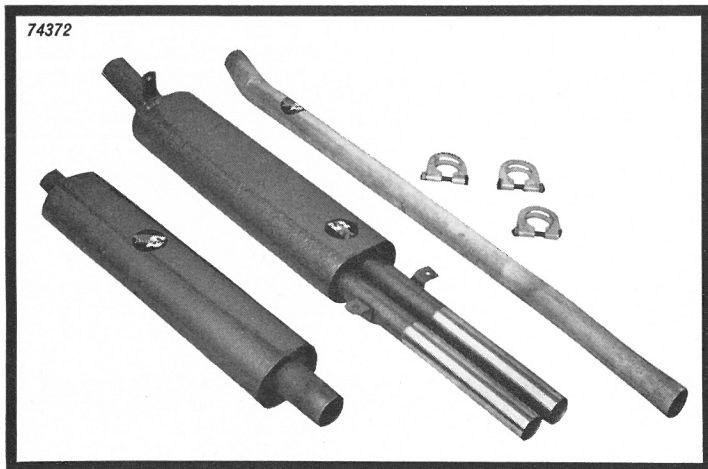
Whether your Mini is standard or modified, better road holding and braking can only add to the safety factor. The rear stabiliser produced by Speedwell for the Mini is another exclusive product developed after exhaustive track tests by Graham Hill, whose expertise in suspension matters has made the BRM the car it is today. The simplest method of improving braking power is by applying more pedal pressure. The fitting of the Brake Servo will in fact produce this higher pressure without increasing pedal effort.

Instrumentation and Accessories

Your car is not complete without a full complement of instruments to tell you exactly what your engine is doing. Speedwell gauges are unsurpassed for their quality and attractive appearance. All Speedwell accessories have a useful function either by rectifying a shortcoming in the original design or by improving existing features. All Speedwell accessories are designed to increase your motoring pleasure.

Order Procedure

Speedwell equipment is available from your nearest accessory shop, garage or Halfords branch. If in difficulty we would be pleased to supply the name and address of your nearest stockist.

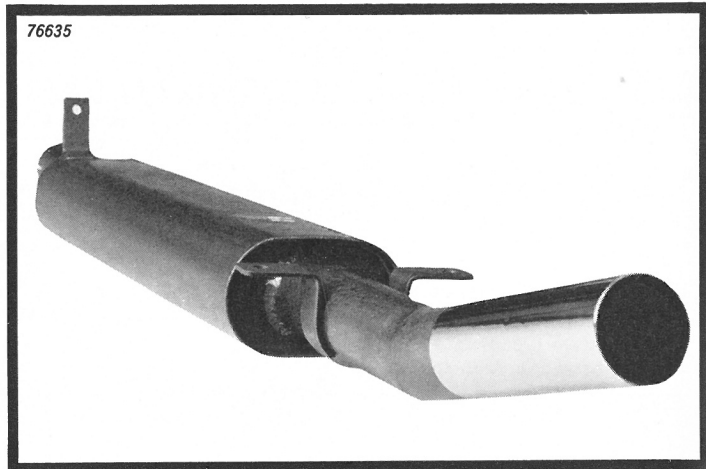


Supertone '85' Silencer

Simply mounted giving a straight run from Manifold to rear of car. Can be fitted in conjunction with Speedwell Rear Stabiliser Bar. Complete with all brackets, mounting rubbers, fitting instructions, etc. For the 848cc Mini the rear box only is supplied. Special versions supplied for Mini Van and Traveller, and Riley Elf and Wolseley Hornet.

Part No.

848cc Mni	XS.85.1
Mini Cooper and Cooper 'S' all models	XS.85.1/C
Riley Elf and Wolseley Hornet	XS.85.1/E
Mini Van and Traveller	XS.85.1/TF



Big Max Silencer

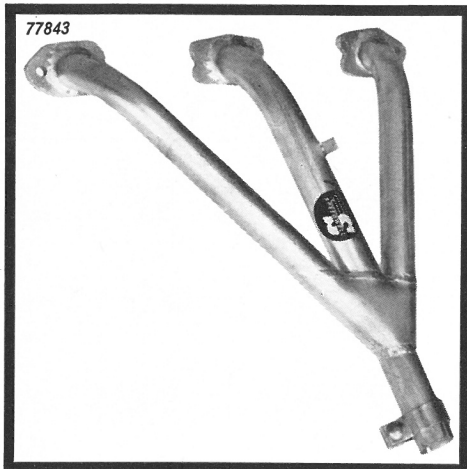
Its the big bore racing silencer for your Mini, straight through from end to end, with sleek upswept chrome tail pipe. Fit the Big Max to your car and feel the difference. Complete with all fittings and instructions.

TWIN BIG MAX SILENCER

Twin large bore silencer built to the same specification as above, but with two upswept chrome plated pipes of 2" diameter.

Part No.

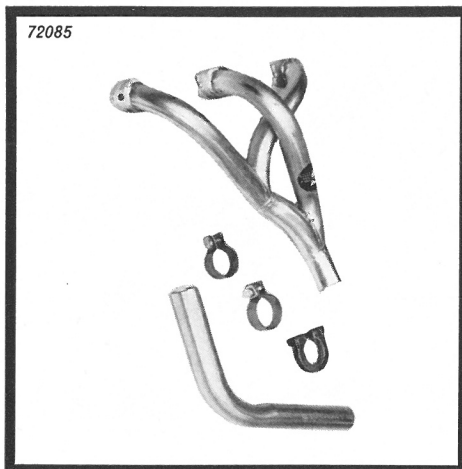
848cc Mini	XSB.1
Mini Cooper and Cooper 'S'	XSB.1/C
848cc Mini Twin Max	XSBT.1



Exhaust Manifold for Mini

Racing experience has proved that tuned lengths of pipes for individual cylinders can show tremendous power gains. The Speedwell Tubular Manifold for the Mini can be fitted in conjunction with any permutation of twin carburettors using Speedwell Inlet Manifold. Incorporates integral throttle spring anchor.

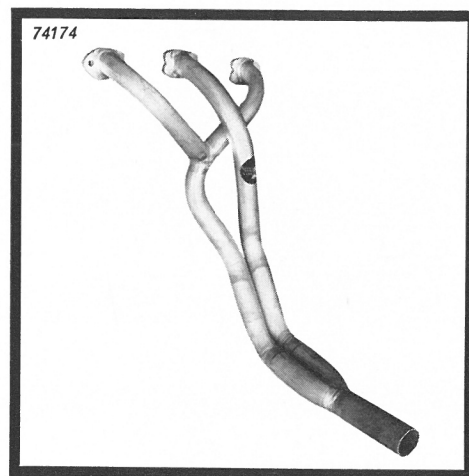
Part No. XM.1



Exhaust Manifold for Mini Cooper

This is designed for road use, can be used in conjunction with Supertone Silencers only or with any other engine modification. Suitable for standard S.U. carburettors or Twin H.4 using Speedwell Inlet Manifolds. Not compatible with Amals.

Part No. XM.1/CR

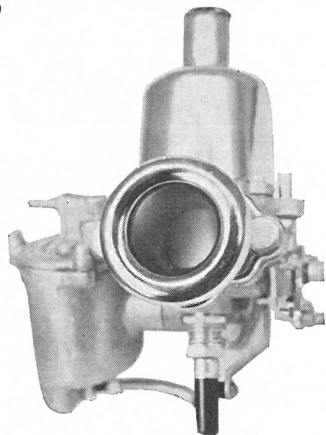


Competition Manifold

Suitable for racing or rallying under FIA Appendix J Group 2 and other racing regulations. This Manifold is homologated for 970cc, 1071cc and 1275cc Cooper 'S' but equally suitable for all racing Minis.

Part No. XM.1/CRH

78389



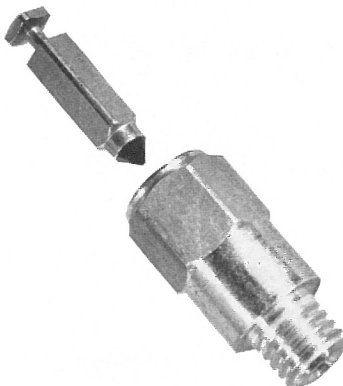
Ramstacks

Lowest priced performance improvement on the market. Speedwell Ramstacks increase air flow to the carburettor. Speedwell pioneered this type of carburettor intake which was developed after extensive dynamometer testing. Chrome plated finish for 1 1/4" and 1 1/2" S.U.'s Polished Alloy for 1 3/4" S.U.'s

Part No.

For 1 1/4" S.U.	CA.82
For 1 1/2" S.U.	CA.83
For 1 3/4" S.U.	CA.84

77953



Flojet

This new Speedwell accessory eliminates float level problems which usually cause 80% of carburettor tuning difficulties. The Flojet is a direct replacement of the original float valve and incorporates a Viton tipped needle with unique sealing properties. Gives better fuel economy and retains carburettor tune. The Flojet is suitable for all types of S.U. carburettors.

Part No. CA.90

77658



Dashpot Cover

Give your engine a little extra glamour with a mirror finish Dashpot Cover. Simply slips over existing carb, fitted in a few seconds. Designed to compliment plated ramstacks.

Part No.

For 1 1/4" S.U.	CA.92
For 1 1/2" S.U.	CA.93
Complete kit of all three S.U. carb. accessories plus S.U. adjusting spanner	
For 1 1/4" S.U.	CA.102
For 1 1/2" S.U.	CA.103

68849



Pancake Air Filters

These air filters are available for 1 $\frac{1}{4}$ " and 1 $\frac{1}{2}$ " S.U. carburettors. A version is available with a vent pipe for connecting to the rocker cover breather pipe. Stove enamelled grey finish, complete with mounting bolts.

Part No.

Air Cleaner for 1 $\frac{1}{4}$ " S.U. **CA.88**
 Air Cleaner for 1 $\frac{1}{2}$ " S.U. with vent pipe **CA.88/1**

Air Cleaner for 1 $\frac{1}{2}$ " S.U. **CA.89**
 Air Cleaner for 1 $\frac{1}{2}$ " S.U. with vent pipe **CA.89/1**

78665



Nylon Throttle Cable

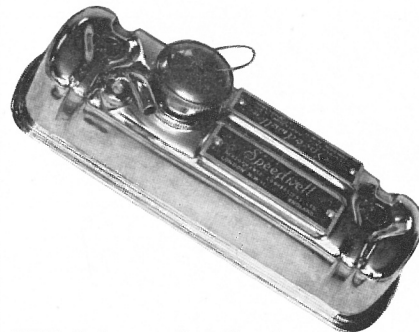
Jerky throttle action is often due to a worn or bent throttle cable. These anti-friction Nylon Throttle Cables will give you smooth pedal action and are a direct replacement of the original part. Multi-strand inner cable, outer casing Nylon lined with grey plastic exterior covering.

Part No.

For 848cc Mini and
 Mini Cooper, Cooper 'S'

CA.31

68873



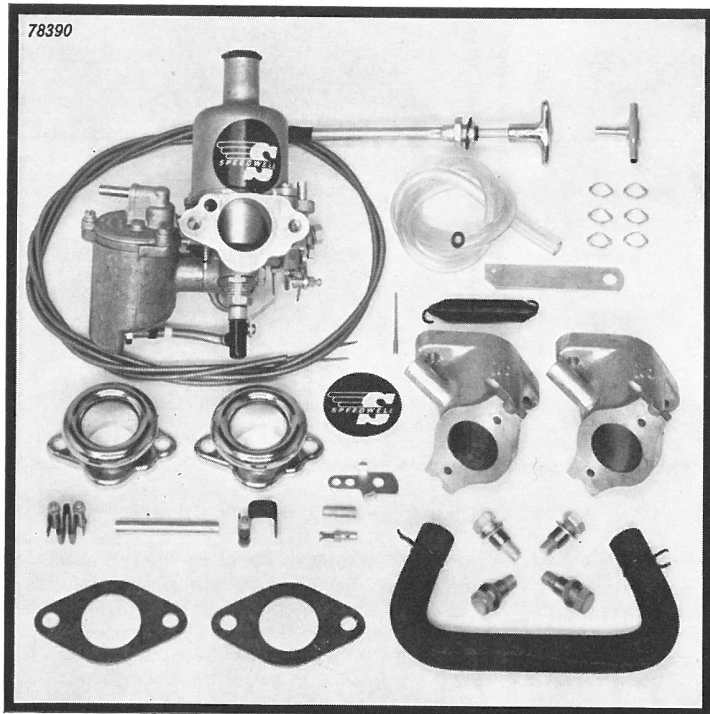
*NOTE. Unless specified otherwise
 rocker covers are supplied with
 Speedwell nameplates fixed.*

Chrome Plated Rocker Cover

An attractive engine compartment is always a pleasure to the keen and enthusiastic motorist and a Chrome Plated Rocker Cover will certainly enhance the appearance of your engine, especially if you have also fitted Ramstacks and Dashpot Covers. If your Cooper is fitted with the closed circuit crankcase breather system, add suffix letter 'C' to part numbers below.

Part No.

848cc Mini and Mini Cooper **VA.155**
 Cooper 'S' **VA.156**



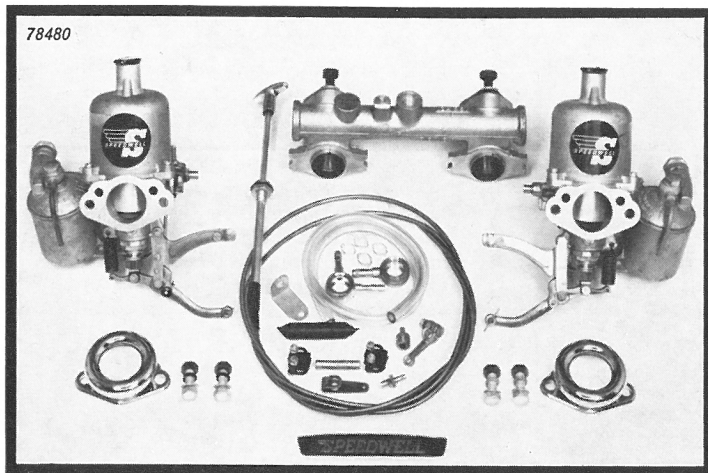
Sprint Kit for Mini

Complete kit for converting your Mini engine to a twin $1\frac{1}{4}$ " S.U carburettor unit. The Sprint Kit will give you that all essential edge on standard performance figures. Includes additional Carburettor, specially modified for twin operation, Connecting Linkages, and the parts necessary to modify the existing carburettor, Fuel line, Twin Choke Cable, twin polished Inlet Manifolds with Balance Pipe, two chrome plated Ramstacks, all necessary nuts and bolts, unions, etc. for easy fitting. This kit is also suitable for the Riley Elf and Wolseley Hornet and all other Mini variants (*except automatic*).

Part No.

CAS.210

For your next improvement fit Valve Springs VA.50, Supertone '85' or Big Max Silencer, Tubular Manifold XM.1. See also Sport Kits.



Sprint Kit for Mini Cooper and Cooper 'S'

Complete Kit to fit twin 1½" S.U. carburetors to the Mini Cooper and Cooper 'S'. This special set of H.4's S.U. Carburetors incorporates twin choke operation for easy cold starting, polished Inlet Manifold, Linkage Set, Twin Choke Cable, chrome plated Ramstacks, Fuel Line and all nuts and bolts, gaskets, etc. Homologated for FIA Appendix Group 2 competition purposes.

For Group 3 and 5 racing 848cc Minis use part No. CA.300.

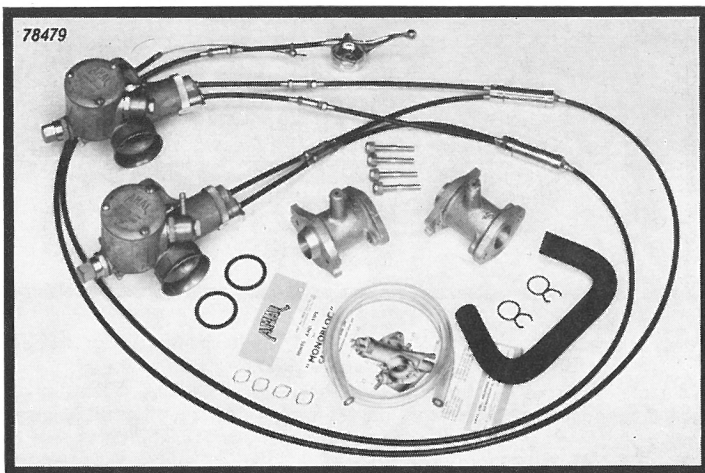
Part No.

For 997cc Mini Coopers

CA.300

For 998cc Mini Cooper and all Cooper 'S' models

CA.300/3

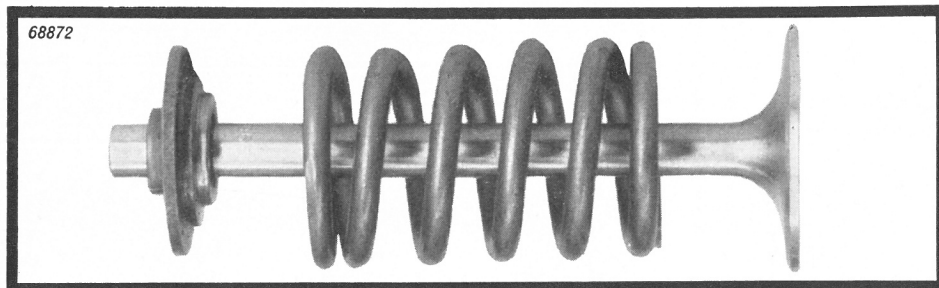


Sprint Kit for 848cc Mini

All motor cycle enthusiasts will be familiar with the Amal carburettor. Speedwell are the only company to offer an Amal Conversion Kit for the Mini, Riley Elf and the Hornet. This is a real kit for the enthusiast, fitting the Amals to the Mini gives the best power increase to cost ratio. Kit includes Twin Amal carburetors complete with throttle and choke cable controls, two Inlet Manifolds, Balance Pipe, Fuel Line kit, Heat Shield and all necessary parts to complete the installation.

Part No.

CAS.410



Valve Springs

In some instances by changing only the valve springs, about 33% more power is available for acceleration. Speedwell springs are manufactured from a special Swedish steel controlled to very fine limits.

Part No.

Single valve spring set for 848cc Mini	VA.50
Double valve spring set for 997/998cc Mini Cooper (Caps VA.60 required)	VA.52
Double Valve Spring Set for 998cc Cooper and all Cooper 'S' models when used in conjunction with certain Camshaft combinations	VA.53
Double Valve Spring Set for Mini Cooper 'S' 970-1275cc for racing purposes only	VA.58

Valve Gear Accessories

Certain special valve parts are required when using a combination of Speedwell Camshaft and modified cylinder heads. Valve Caps VA.60 must be used in conjunction with Springs VA.52 and VA.53. Valve Spring Packing Washers may be required in order to obtain correct and balanced valve spring tension. A Rocker Pillar Shim Kit is available to compensate for metal that may have been removed from the cylinder head to increase compression ratio.

Part No.

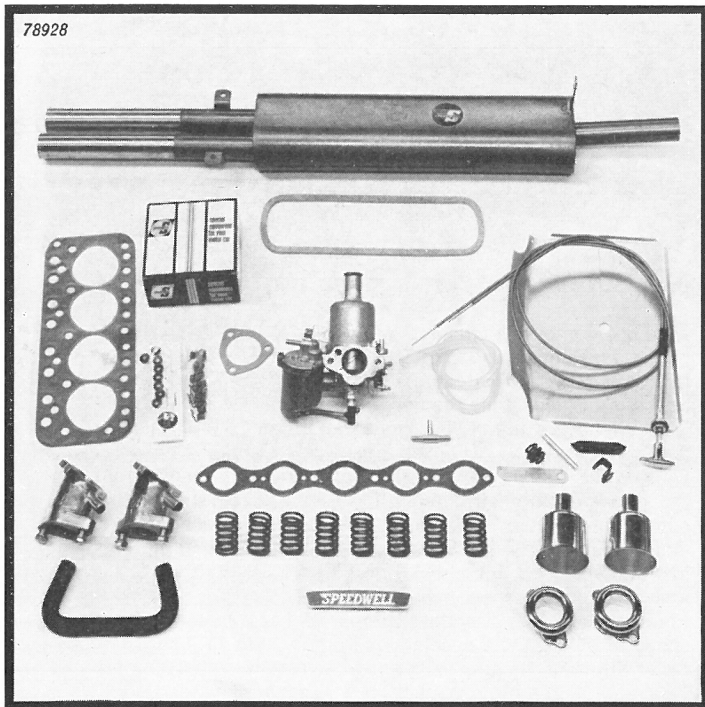
Set of Valve Caps for 848/997/998cc Mini and Mini Cooper	VA.60
Set of Oil Seals for Valve Guides for all Mini variants	CHP.14
Set of Valve Spring Distance Washers for all Mini variants	VA.61
Set of Rocker Pillar Shims	VA.97

Valves

Inlet and exhaust valves are among the most important components in a motor car engine. The operating conditions of an exhaust valve include a temperature of 1,000°F, cherry red heat with the load of the valve spring applied perhaps 20,000 times per minute. Under these conditions a valve made of ordinary steel would break up in a matter of seconds. To meet these exacting requirements, Speedwell valves are forged from KE965, the top quality austenitic valve steel used in racing.

Part No.

Exhaust Valve 1" diameter in KE965 848/997/998 Mini variants	VA.1
Inlet Valve 1.1" diameter in EN52 for 848cc Minis	VA.2
Inlet Valve 1.156" diameter in KE965 for 997cc Mini Cooper	VA.4
Inlet Valve 1.25" diameter in KE965 oversize for enlarged inlet-throats	VA.5
Exhaust Valve 1.125" diameter in KE965 oversize for enlarged exhaust-throats	VA.6
Inlet Valve 1.32" in KE965 oversize for maximum enlargement of inlet-throat	VA.7
Inlet Valve 1.4" diameter in Nimonic for Cooper 'S' 970-1275cc	VA.8
Exhaust Valve 1.156" diameter in KE965 oversize for maximum enlargement of exhaust-throat	VA.9
Inlet Valve 1.22" diameter in KE965 for 998cc Mini Cooper	VA.10
Exhaust Valve 1.22" diameter in Nimonic for Cooper 'S' 970-1275cc	VA.11



Sport Kit for 848cc Mini

Two types of Sport Kit are available for the 848cc Mini models, Riley Elf and Wolseley Hornet, based on twin S.U. or Amal carburettors. The Sport Kit includes the carburettor components from the Sprint Kit plus Valve Springs, Supertone '85' Silencer, Dashpot Covers, Gasket Set, Body Badge and all necessary parts to complete the installation. The standard Mini accelerates from 0-60 miles per hour in 28 seconds and has a maximum speed of 72. With an S.U. Sport Kit fitted, you will reach 0-60 in 19.3 seconds and a maximum speed of 79 mph. With the Amal Sport Kit acceleration figures are even slightly faster; 0-60 in 17 seconds, maximum speed 82 mph.

Part No.

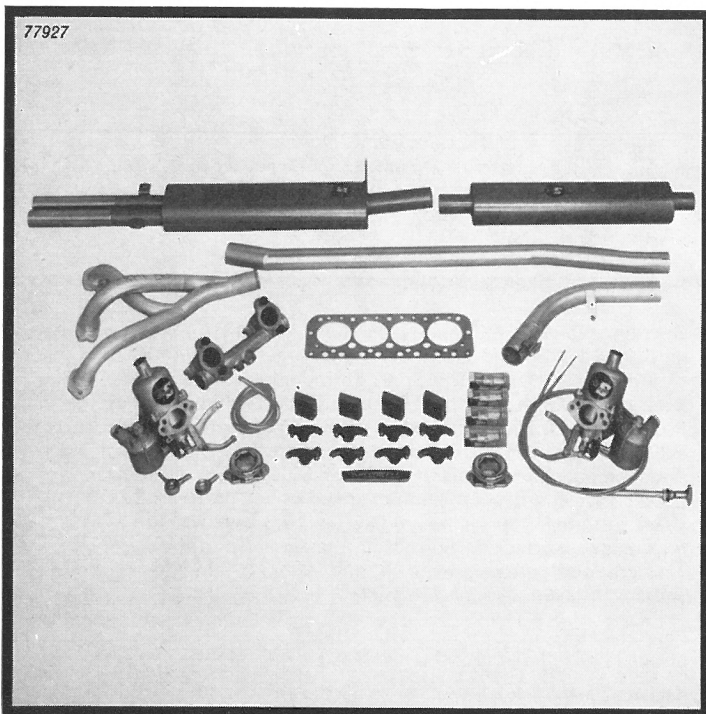
Sport Kit with S.U. carbs

SA.1

Sport Kit with Amal carbs

SA1/A

For further improvement fit Light Alloy Cylinder Head CH.100 or Modified Cast-iron head and Exhaust Manifold XM.1 See also page 13.



Sport Kit for Mini Cooper 'S' 970-1275cc

Here is a complete first stage kit for the Cooper 'S' owner giving a maximum speed of 100 mph plus with acceleration to match. One of the features of this kit is that it is not necessary to dismantle the cylinder head (although this is recommended if the car has done more than 10,000 miles). Also supplied is the exclusive Speedwell High Lift Rocker Gear, which helps to extract the maximum performance from the standard camshaft, Tubular Exhaust Manifold and all the components of the Sprint Kit CAS.300/3, plus Dashpot Covers, Supertone '85' Silencer, Body Badge and fitting instructions. This Speedwell Sport Kit for the 'S' is a first-class performance investment.

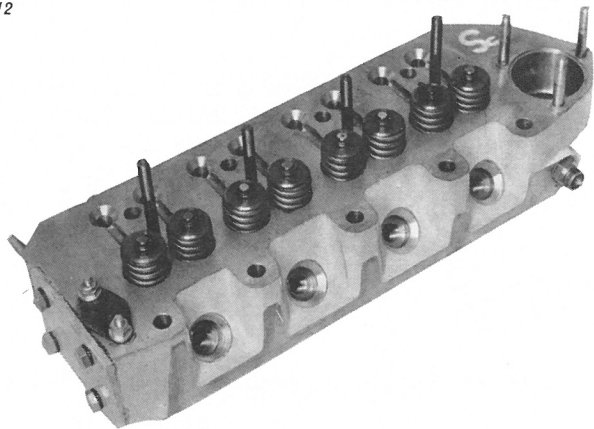
Performance – The Standard Cooper 'S' has a maximum speed of 96 mph and accelerates from 0-60 in 11.2 secs. With Sport Kit fitted the maximum speed is increased to 100 mph plus, and 0-60 mph is reached in 9.9 seconds.

Part No.

SA.1/CS

For further improvement fit modified cylinder head CH.50 or CH.50/2. See also page 15.

65112

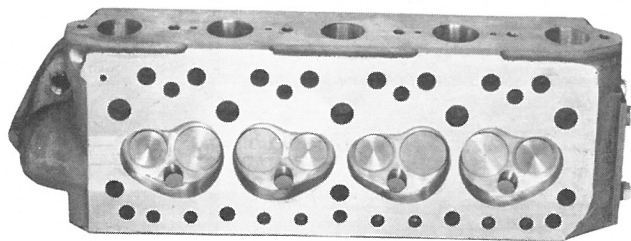


Alloy Head for 848cc Mini

The use of aluminium permits a high compression ratio to be used, which together with gas flowed ports, results in exceptional further improvement. The Speedwell Alloy Head is completely interchangeable with the original BMC Mini head. Valve seats are of hard-wearing Austenitic Iron shrunk into the combustion chamber. The inlet porting is partly machined and then hand polished. Supplied complete with Guides, Oil Seals, Valves VA.1 and VA.2 as well as Valve Springs VA.50. Compression ratio 10.5 - 1.

Part No. Alloy Head type GT CH.100

77950

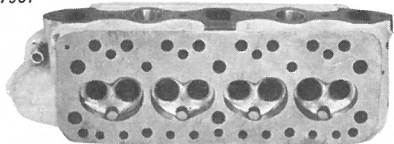


Alloy Head for 997cc Coopers

The Clubman Alloy Head for the Mini Cooper 997cc has a more advanced combustion chamber shape and oversize Valves, capable of outputs exceeding 95 bhp in road going form this head vividly demonstrates the advantage of light alloy. One of the special features of the Speedwell Aluminium head is the margin of metal allowed for, in all critical places. This great strength and rigidity has made this head the most successful of its type on the market. Supplied complete with Guides, Oil Seals, Valves VA.1 and VA.5 and Valve Springs VA.52.

Part No. Alloy Head type Clubman CH.200

77951



Centre, an allowance will be refunded to you. (Details on request). Customers' own cylinder head can be modified by despatching them freight paid, to the Speedwell Centre or handing it in to a Speedwell stockist. Please make sure your cylinder head is clearly marked with name, address and specification required.

Part No.

Modified Iron Head Mark1, Stage 1 for 848cc Mini with ports and combustion chambers smoothed, perfected and highly polished. CR raised by 0.5. Supplied with guides only to take standard valves or Speedwell Valves VA.2 and VA.1. Use with Valve Springs VA.50 or VA.52

CH.30

Modified Iron Head Mark 2, Stage 1 for Mini Cooper 997cc. With ports and combustion chambers smoothed, perfected and highly polished. CR raised by 0.5. Supplied with guides only to take standard valves or Speedwell Valves VA.4 and VA.1. Use Valve Springs VA.52.

CH.40

Modified Iron Head Mark 2, Stage 2 for Mini Cooper 997cc. Similar to CH.40 but with ports re-machined and combustion chambers pantographed giving maximum power without increase of valve-size and complying with FIA Group 2 regulations. Compression ratio 10 to 1, or as required.

CH.40/2

Modified Iron Head Mark 3, Stage 2 for Mini Cooper 998cc. With ports and combustion chambers smoothed, perfected and highly polished. CR raised by 0.5. Complies with Group 2 specification. Supplied with guides only to take standard valves or Speedwell Valves VA.1 and VA.10. Use Valve Springs VA.52.

CH.42

Modified Iron Head Mark 3, Stage 3 for Mini Cooper 998cc. With ports re-machined and combustion chambers pantographed and supplied complete with oversize Inlet Valves VA.7 and Exhaust Valves VA.9. Suitable for Group 3 and 5 racing. Compression ratio 11 to 1 or as required. Use Valve Springs VA.53 or VA.58

CH.42/3

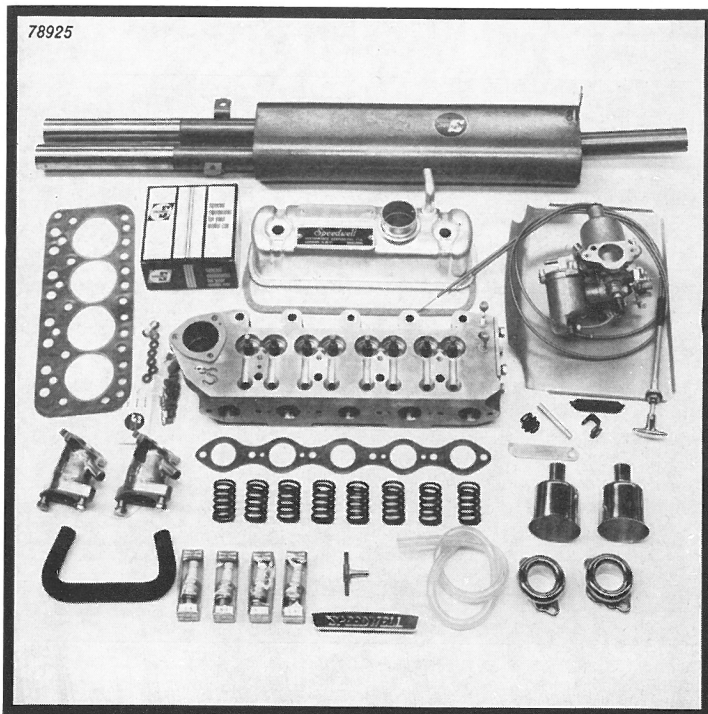
Modified Iron Head Stage 1 for Mini Cooper 'S' 970 to 1275cc. With ports and combustion chambers smoothed, perfected and highly polished. CR raised to 10.5 to 1. Complies with Group 1 regulations. Supplied with guides only to take standard valves VA. and VA.11

CH.50

Modified Iron Head Stage 2 or Mini Cooper 'S'. As per CH.50 but with ports re-machined and combustion chambers extensively pantographed. For racing under FIA Group 2, 3 and 5 regulations. CR 12 to 1 or as required. If non-standard pistons are fitted state capacity and type of piston when ordering. Supplied with guides only to take standard valves VA.8 and VA.11. Use Valve Springs VA.58

CH.50/2

Speedwell Modified Cast Iron Cylinder Heads are the best available. For the more advanced combustion chamber shapes a pantograph milling machine is employed which ensures that the four combustion chambers of the head are exactly identical in shape and dimension. Only Speedwell employ this unique reproduction technique. Speedwell Modified Cast Iron Heads are supplied on an outright basis and there are no exchange prices. However if your original head is in good condition and you return it freight paid to the Speedwell



GT Kit for 848 Mini

As with the Sport Kit the GT specification for the 848cc Mini is available with S.U. or Amal carburetors. The kit includes all the components of the Sport Kit plus a GT Alloy Cylinder Head complete with Valves and Springs, a Cadmium Plated Rocker Cover and Sparking Plugs. The combination of the Alloy Head with the twin carbs gives the Mini an excellent performance cum fuel consumption ratio. Performance with the S.U. carbs: maximum speed 84 mph, 0-60 mph is reached in 16.5 seconds. With twin Amal carbs maximum speed reaches 86 mph! and 0-60 mph takes 15.4 seconds.

Part No.

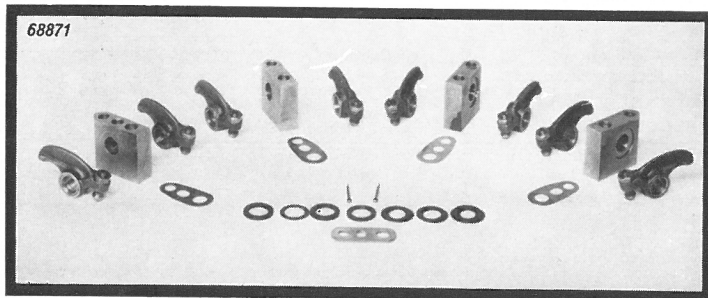
GT Kit with SU carbs

GTA.1

GT Kit with Amal carbs

GTA.1/A

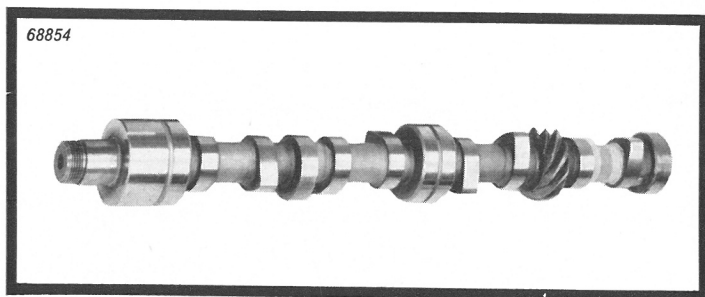
For further improvement fit High Lift Rocker Gear VA.100 or Camshaft VA.CS.2, plus Tubular Manifold XM.1.



High Lift Rocker Gear

The Speedwell High Lift Rocker Set gives all the advantages of a high lift cam, but without the problems usually associated with fitting a camshaft. In addition to the increased valve lift, the low effective weight of the Speedwell rockers, resulting from the use of top-grade materials and scientific stress distributing design, give an increase in rpm without bounce of approximately 5%. An engine previously limited by valve bounce of 6,600 rpm would run to nearly 7,000. The Speedwell Rocker Gear is supplied complete with Pillars, distance shims and all components for straight-forward installation. With certain combinations of cylinder heads and camshaft, it may be necessary to relieve the cylinder block to allow the exhaust valves to open fully, a special tool is available from Speedwell to purchase or hire, to carry out this work. It is very important to read the fitting instructions before fitting the High Lift Rocker Gear to check that safe valve lift is not exceeded.

Part No. VA.100



Camshafts

As a means of changing the performance characteristics of an engine, the camshaft offers greater possibilities than any other single component. When an engine has been converted by fitting special heads, carburettor sets and exhaust systems its power output can often be greatly increased by the use of the correct type of special cam. It is very important to choose the correct camshaft for any particular application.

Part No.

Road Use

Camshaft for all Mini models including Cooper 'S' **VA.CS.2***
(Use Valve Springs VA.52 for 848cc Mini, Elf and Hornet, for all other models use VA.53).

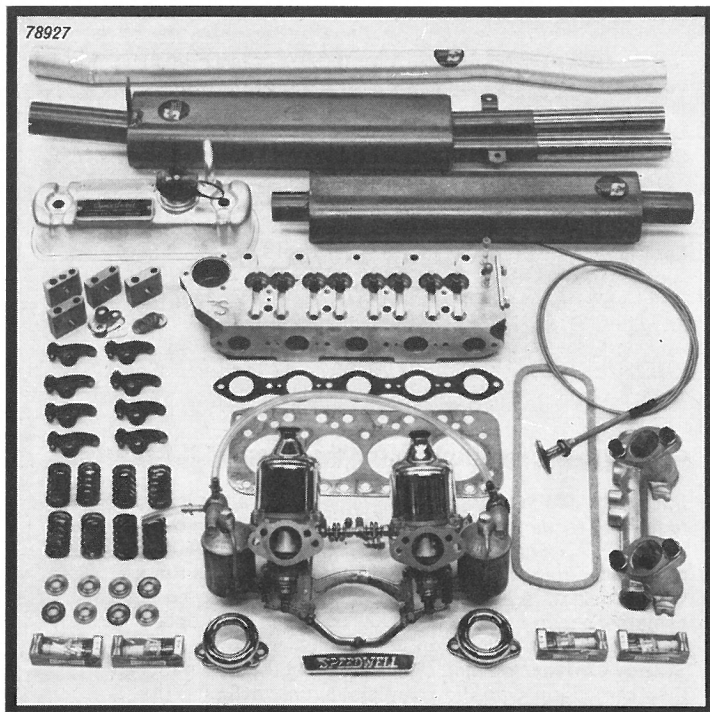
Competition Use

Camshaft for 848cc Mini and 997/998 Mini Cooper **VA.CS.5***
(Use with springs VA.52 and Rockers VA.100 if regulations permit).

Camshaft for 970-1275cc Cooper 'S' **VA.CS.7** Wide Lobe
(Use with springs VA.58).

Camshaft for 1275cc Cooper 'S' modified to Group 5 **VA.CS.11** Wide Lobe
(Use springs VA.58).

*NOTE: Camshafts VA.CS.5 and VA.CS.7 are homologated for Group 2 racing.
Wide lobes available on these, details upon request.



Clubman Kit for 997-998 Mini Cooper

This Kit is the most advanced engine conversion available in kit form. In addition to the 1½" S.U. Sprint Kit, it includes Clubman Alloy Cylinder Head, fitted with Valves and Springs, High Lift Rocker Gear, Supertone '85' Silencer, Cadmium plated Rocker Cover, Dashpot Covers, all necessary Gaskets, Body Badge, fitting and tuning instructions. For the 998cc Mini Cooper a Modified Cast Iron Head is supplied, part CH.42/3.

Performance. The standard Mini Cooper has a top speed of 84 mph and accelerates from 0-60 mph in 18 seconds. By fitting a Clubman Kit to the 997cc Cooper maximum speed is increased to 96 mph and acceleration to 60 mph is achieved in 11.5 seconds.

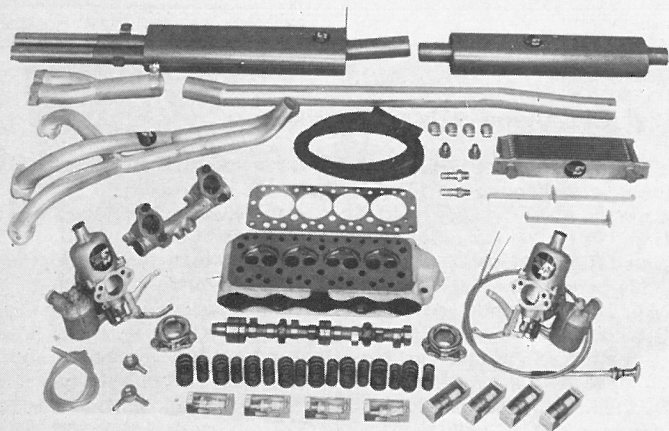
For the 998cc Cooper maximum speed is 98 mph and acceleration to 60 mph takes 11 seconds.

Part No.

Clubman Kit for 997cc Mini Cooper	CMA.1/C
Clubman Kit for the 998cc Mini Cooper	CMA.1/C3

For further improvement fit XM.1/CR Manifold. (See also page 17).

77926



Racing Kit for Cooper 'S'

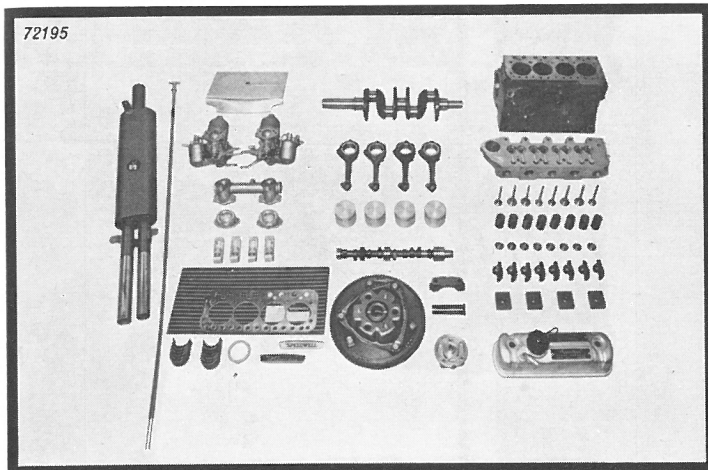
A specially designed racing kit for the 970cc, 1071cc and 1275cc Cooper 'S' suitable for Group 2 rally or racing. The specification includes a Modified Cast Iron Cylinder Head, CH.50/2, matched Inlet Manifold, twin 1½" S.U. Camshaft, Valve Springs, VA.58, Exhaust Manifold XM.1/CRH, Supertone '85' Silencer, Oil Cooler Kit, Road Plugs and Racing Plugs, Chrome Plated Ramstacks, complete Gasket set and all necessary parts to complete the installation. For the first time a do-it-yourself racing preparation kit, specially designed for the enthusiast. Output 105 bhp. Road performance will naturally depend on axle ratio fitted.

Part No.

RKE.A1/CS

Complete Racing Engines for the Cooper 'S' Range

Speedwell can supply the best racing engines to meet all regulation requirements. Most international saloon car events are run under Appendix J Group 2 whilst club races are usually run under Group 3 or 5. Many international rallies run a Group 1 class. All these modifications can be carried out on customer's own engines or power units can be supplied outright. After modification the engines are run in on the Speedwell dynamometer. Final tuning and adjustments are then carried out with the complete engine including the exhaust system exactly as it will be fitted in the car. Speedwell are the only establishment to include this feature as part of the specification.



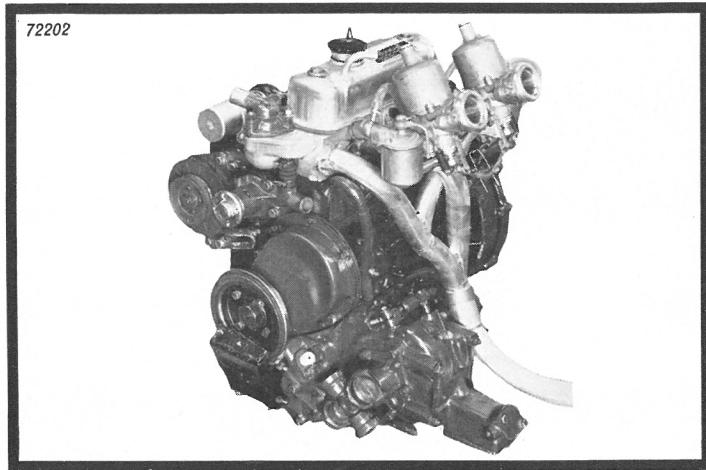
1152 TT5 Engine for Mini and Mini Cooper

This specification is available with an output of either 85 bhp or 95 bhp. The very ultimate in road performance. This power is achieved by increasing the capacity of the engine 1150cc, balancing all moving parts and fitting a Clubman Kit suitably adapted. Modification can be carried out to customer's own engine or Speedwell will supply the Complete Engine, Engine Core or Block Core. See Master Price List in Catalogue for additional information.

Part No.

Modifying customer's 997cc Cooper to 1152
Modifying customer's 997cc Cooper to 1152

TT5 CWE.100/C
TR5 CWE.100/1C

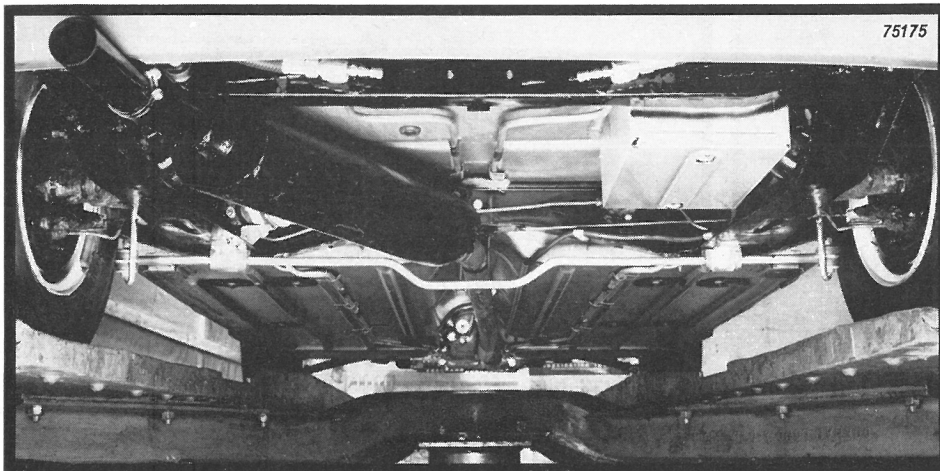


1300 TS Engine for Cooper 'S'

This is the most exciting engine modification yet devised for the Cooper 'S' range, and specially designed for fast road work. (For the owner who uses his car for serious competitions over week ends, a slightly different specification is available with slightly more power at the top end). The power output is over 90 bhp with full flexibility. Maximum speed in excess of 105 mph, with fantastic acceleration.

Part No.

Modifying customer's own Cooper 'S' to 1300 TS specification **CWE.400/ICF**
Modifying customer's own Cooper 'S' to 1300 TC specification **CWE.525/ICF**



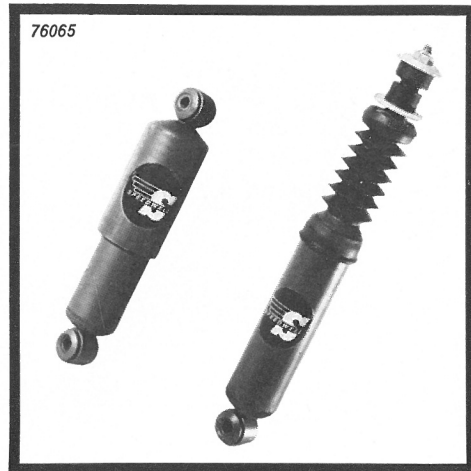
Rear Stabiliser for all Mini Models

This new Mini Rear Stabiliser is suitable for all hydrolastic and pre-hydrolastic Mini models. Extensively track tested during 1965 racing season. The main function of the stabiliser is to reduce transverse body roll and improve cornering power. Under all conditions the Speedwell Rear Stabiliser is ideal for fast cornering giving the car delicate control under difficult conditions. Does not effect your ride comfort, but gives additional security and high speed stability especially in crosswinds. Does not interfere with the fitting of a Speedwell exhaust system.

Part No.

For all Pre-hydrolastic Minis
For all Hydrolastic Minis

AR.1
AR.1/H

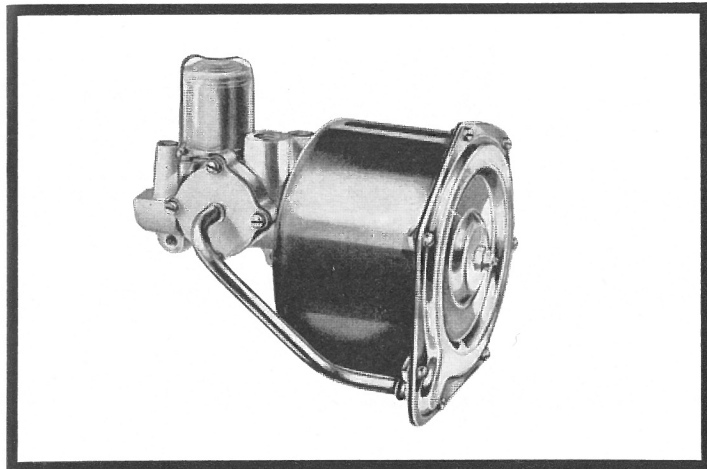


Telescopic Shock Absorbers

Designed for dry (not hydrolastic) Minis. Speedwell extra duty Telescopic Shock Absorbers will give greatly improved wheel adhesion. A unique feature is that these components can be fitted to a standard Mini or lowered suspension models. Carefully selected fittings ensure maximum road holding under all conditions.

Part No.

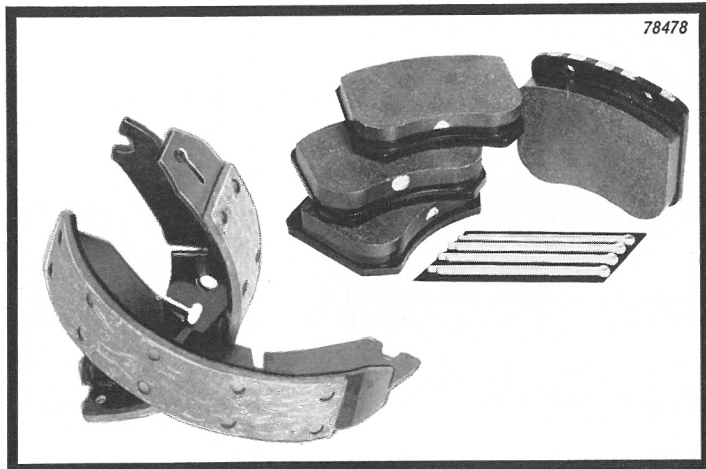
Rear Shock Absorber **TSR.A1**
Front Shock Absorber **TSF.A1**



Brake Servo

The Brake Servo uses engine power to assist in the application of the brakes and reduces pedal pressure necessary for a given braking effect by 40-50%. Inlet manifold suction is used to move a large piston driving a master cylinder similar to the one operated by the brake pedal, to provide extra pressure to the brake cylinders. The Servo unit is supplied complete with all necessary parts ready to fit and is available for all Mini models with the exception of the Cooper 'S' which has one fitted as original equipment.

Part No. **BKS.A1**



Anti-Fade Linings and Pads

Brake fade occurs during frequent heavy braking from high speed. The linings heat up and as a result lose their co-efficient of friction. Braking power is soon lost to a serious extent. Fortunately a simple and inexpensive remedy for these troubles exists in the form of Anti-fade Brake Linings or Pads for disc brakes.

Part No.

Anti Fade lining set for 848cc Mini

BK.A1

Anti Fade lining set for 1965/66 848cc Mini, Hornet and Elf Mark 2

BK.A1/E

Rear Linings for all Coopers

BK.A1/CR

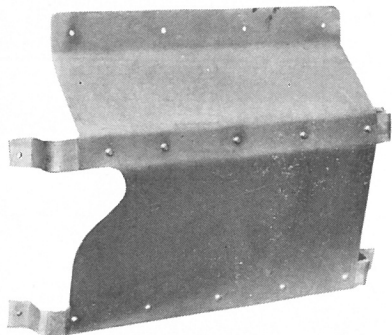
Disc Pads for 997cc Mini Coopers

BK.A1/CF

Anti Fade Pads for late 997cc and 998cc Mini Cooper and all Cooper 'S'

BK.A1/CSF

68219

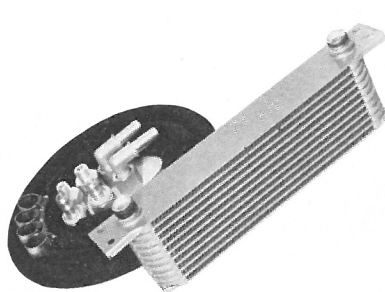


Sump Guard

A must for all rally drivers and auto cross enthusiasts. The Speedwell Sump Guard is made of $\frac{1}{8}$ " steel further reinforced by $\frac{1}{4}$ " steel supports. Cadmium plated finish. Suitable for all Mini models.

Part No. AC.7.A1

68230



Oil Cooler Kit

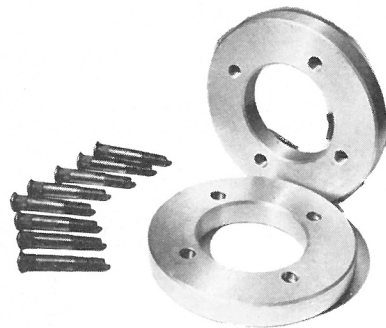
An essential piece of equipment for all fast road use and competition drivers. Recommended for all highly tuned engines. If you travel extensively on motorways, an oil cooler is a must for your Mini. The job of the oil cooler is to reduce engine oil temperature and thereby maintain oil pressure which is essential for correct lubrication.

Part No.

Mini Oil Cooler Kit
Temperature Adaptor
(to fit in cooler hose)

BP.100.A1
IT.PA.8

78667



Wheel Spacers

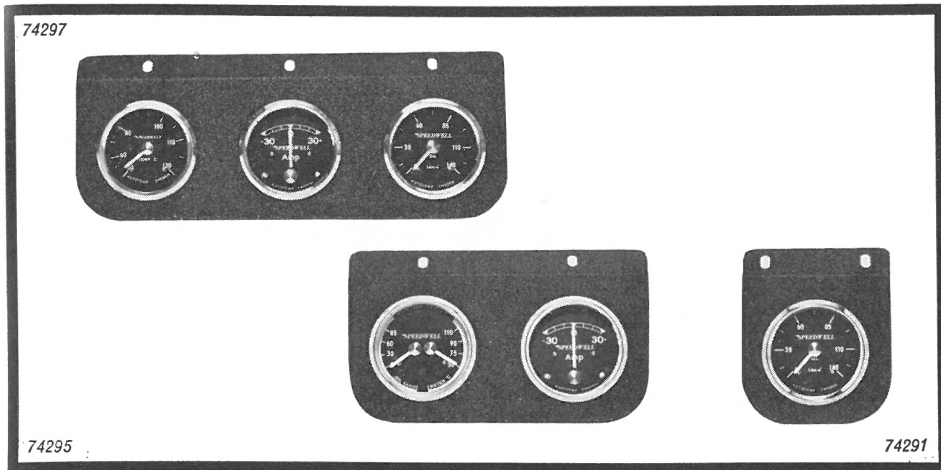
Speedwell first used Spacers on their well-known yellow A.35 during the early years of saloon car racing in the late 50's. Later they were used on Sprites and Minis. By widening the wheel track, road holding characteristics are improved.

Part No.

Spacer set $\frac{3}{4}$ " thick for drums (not 'S') BSP.1

Spacer set $\frac{5}{16}$ " thick for discs

BSP.2



Water and Oil Gauges

Speedwell offer a complete range of auxiliary 2" diameter instruments with mounting brackets. The Water Temperature gauge can be used to measure oil temperature or a special gauge scaled 60° to 140°C is also available. This can be used in conjunction with an Oil Cooler (page 20) or without by fitting a special adaptor.

Part No.

Water Temperature Gauge	ITW.12	Oil Temperature Adaptor (without cooler)	IT.PA.9
Oil Pressure Gauge	IT.O.12	Top Hose elbow	IT.PA.7
Combined Gauge	IT.C.12	Single Mounting Bracket	ITP.21
Ammeter	IT.A.12	Double Mounting Bracket	ITP.22
Oil Temperature Gauge	IT.OT.12	Triple Mounting Bracket	ITP.23
Vacuum Gauge	IT.V.12		

Electronic Revcounter

Fully transistorised tachometer from 0-8000 rpm internally illuminated supplied complete with universal mounting bracket, connecting cable loom and full fitting instructions. This instrument may also be fitted to the Mini Dash Panels, or a special cowl is available with a mini column mounting kit. A precision revcounter for competition use can be supplied.

Part No.

'Standard' Electronic Revcounter	IT.TCS4.12
Tachometer Cowl	ITP.13
Steering Column Fitting Kit	ITP.17
Competition Revcounter 0-8,000 RPM	IT.TC4.12
Competition Revcounter 0-10,000 RPM	IT.TC4.12-0

77965



77964



Veneered Panels

These De Luxe Mini Dash Panels are made from Sapele Veneered plywood in a high gloss polyester finish. This gives the dashboards a really beautiful appearance. Available plain or pre-drilled for three or four instruments.

Part No.

With Speedo hole otherwise plain

ITP.30

With Speedo hole and two 2" instrument holes

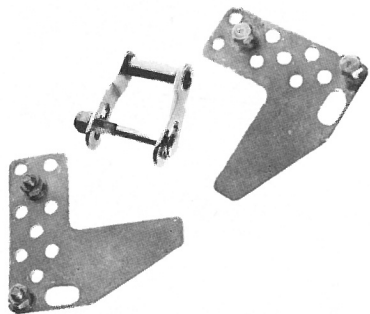
ITP.30/2

With Speedo hole and four 2" instrument holes

ITP.30/4

All the Dash Panels are suitable for Minis and Coopers, Standard or De Luxe.

78671



Steering Lowering Bracket and Seat Extensions

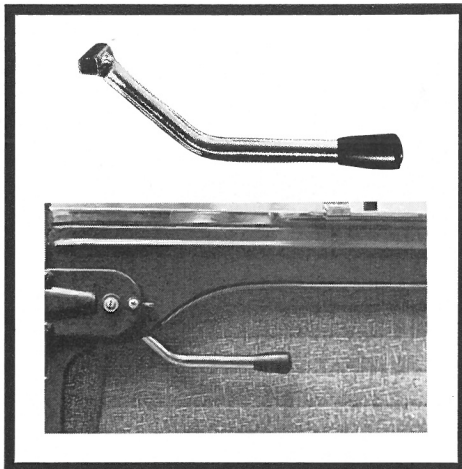
Speedwell offer a sturdily made Bracket which enables the entire steering column to be lowered slightly towards the driver.

Part No.

"Relaxed" Driving Kit, comprises steering bracket and a pair of seat extension brackets for both front seats. **AC.12.A1**

Steering Column Lowering Bracket only **AC.12.A1/A**

Set of Seat Extension Brackets only **AC.12.A1/B**



Inside Door Handles

Speedwell introduced this accessory in 1959 and the design is still the most effective. Replaces the original wire doorpulls and provides easy operation. No risk of door not being shut properly. Heavy Chrome Plated finish with soft rubber knob.

Part No. **AC.5.A1**

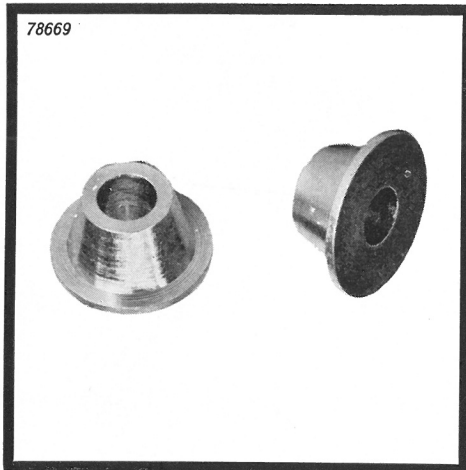
78673



Gear Lever Extension

Many people find it difficult to change gear without having to make a complete body movement. This applies to the 848cc Mini although in some cases even the Mini-Cooper range. This small chrome plated Extension makes gear changing just a little easier and pleasant, ideal for the driver with just insufficient arm-reach.

Part No. **AC.23.A1**



Engine Stay Bar Cones

Most Mini owners will have noticed that the gear lever of 848cc Mini digs into the seat as they let the clutch out. What in fact is happening is that the engine rocks towards the bulkhead as the clutch takes up the drive when accelerating and the clutch is let out. The Stay Bar Cones are fitted in between the rubber bushes of the engine stay-bar at the point where it is secured to the cylinder block.

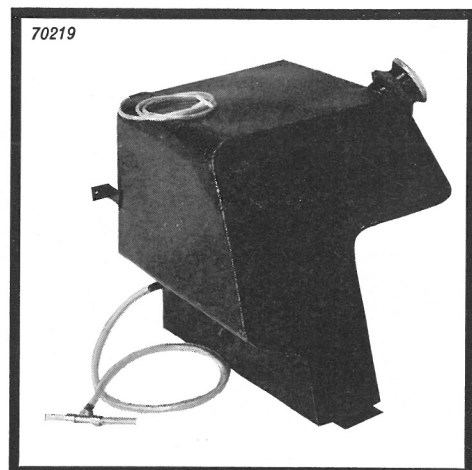
Part No. AC.2.A1



Remote Gear Change

Here is a complete Remote Gear Change Conversion Kit for the 848cc Mini owner. This is an extremely well designed and engineered change mechanism which replaces existing gear lever and transforms your Mini into a little sports car. Attractive fibreglass cover enhances interior appearance. De-luxe model cover finished black P.V.C. Instructions and engine Stay-Bar Cones supplied.

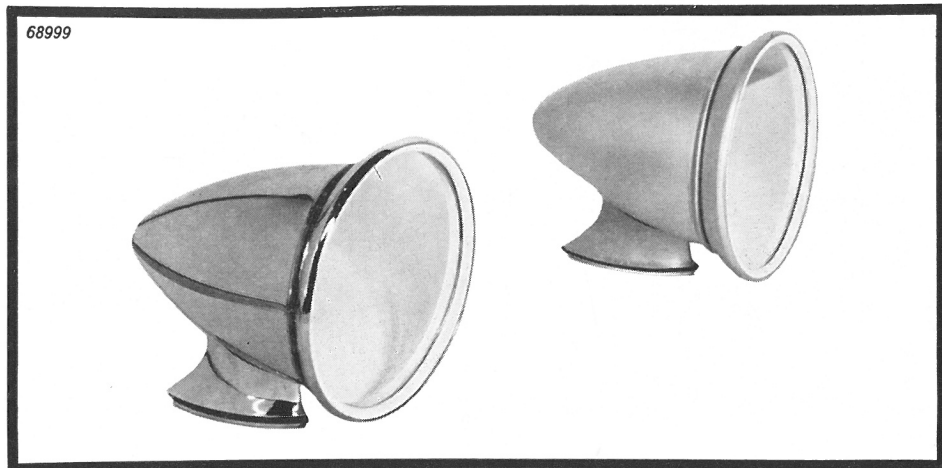
Part No. Standard gear change AC.20.A1
De-luxe gear change AC.21.A1



Extra Fuel Tank

Essential for long distance touring or competition purposes. This Tank holds an additional 5 gallons (23 litres) bringing the total fuel capacity to 10 gallons, homologated for Group 2 racing. Made of sheet steel and supplied with matching filler cap. The tank is connected to the original fuel tank with a tee piece so that the fuel pump draws from the two tanks at the same time. Fuel gauge still indicates.

Part No. AC.4.A1



Race and Speed Mirrors

Two types of streamlined rear view mirrors are available. Speed Mirrors made from a brass pressing, heavily chrome plated, whilst the Race Mirror is manufactured from Aluminium with a polished anodised finish. Fully adjustable head makes these mirrors easy to position. Available with flat or convex glass.

Part No.

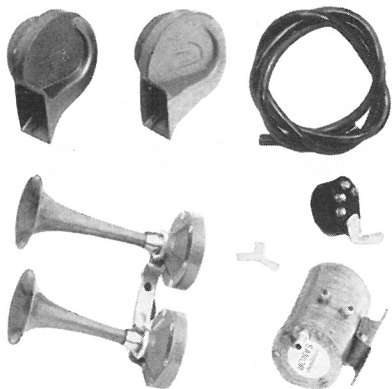
Speed Mirror with flat glass
Speed Mirror with convex glass

AC.51.F
AC.51

Race Mirror with flat glass
Race Mirror with convex glass

AC.52.F
AC.52

74466



77972



68864



Horns

Two types of horns specially suitable for Mini Range are the TR2 Major which gives a tuned melodius blast and the Strident Air Horn a very compact but powerful twin trumpet air horn, complete with battery driven compressor and relay. Gives a highpitched dual note.

Part No.

T.R.2 Major, 12 volts
Strident 12 volts

AC.TR2.12
AC.R10.12

Lamp Stoneguards

Essential for all Rally drivers where there is a risk of flying stones. These chrome plated Stoneguards are available for both headlamps and auxiliary lights.

Part No.

For 7" Headlamps
For 5" Spotlight
For 6" Spotlight

AC.53
AC.54/5
AC.54/6

Roof Lamp

This roof spotlight gives 360° visibility enabling the motorist and rallyist to quickly locate road signs, turnings under all conditions. On and Off switch incorporated in the handle which projects 4½" into the car. Supplied complete with bulb.

Part No.

AC.50.12



Graham Hill Rally Master Jacket

Specially designed by Graham Hill for the discerning driver. This Rally Master Jacket is waterproof and windproof. With fully detachable hood, own collar, touch and close fastening, plenty of pockets. Available in various sizes and colours.

Part No.	Blue	Olive Green	Black
Rally Master Jacket, small 36-38"	AC.71.S	AC.72.S	AC.73.S
Rally Master Jacket, medium 38-40"	AC.71.M	AC.72.M	AC.73.M
Rally Master Jacket, large 40-42"	AC.71.L	AC.72.L	AC.73.L
Rally Master Jacket, ex-lage 42-44"	AC.71.LL	AC.72.LL	AC.73.LL



Graham Hill Driving Gloves

These beautiful champion Driving Gloves are made of black soft calf leather with red finger panels, fully ventilated back with red wrist band and Velcro touch closure. Speedwell also offer a leather Rally Glove with string back available in Fawn or Black. All gloves available in small, medium or large sizes.

Graham Hill Glove	
Part No.	
Small	AC.68.S
Medium	AC.68.M
Large	AC.68.L



Rally Glove		
Part No.	Fawn	Black
Small	AC.66.S	AC.66.BS
Medium	AC.66.M	AC.66.BM
Large	AC.66.L	AC.66.BL

77974



Speedwell Body Badge

Attractively styled body badge, pressure die casting with chrome letters on black background. Easily fitted to boot.

Part No.

AC.175

77973



Lapel Badges and Transfers

Speedwell emblem in yellow on black background. The transfers are of the dry-type and are fitted in a matter of seconds.

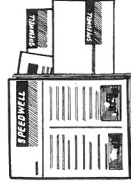
Part No.

Lapel badge	AC.155
Speedwell transfer small	AC.156.S
Speedwell transfer medium	AC.156.M
Speedwell transfer large	AC.156.L

All goods are sold subject to our conditions of sale,
copies of which will be sent on request.

Please register me as a subscriber for the Speedwell
News Bulletin and all future literature and information
for 12 months

Enclosed 7/6



My car is

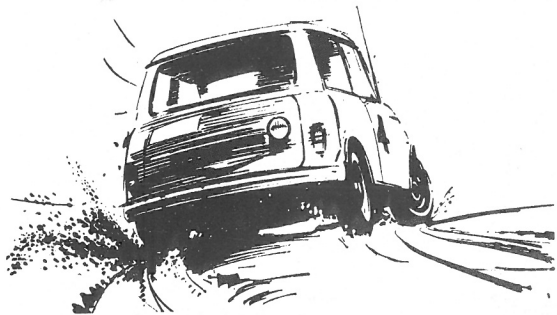
Model

Year

I am interested in the following equipment

Please print your name and address here

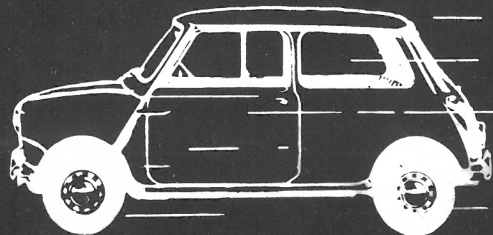
This card should be sent with your remittance to
Speedwell Performance Conversions Limited
Speedwell Centre,
Cornwall Avenue, London, N.3



PRISLISTE
FOR
SPEEDWELL
MINI
TILBEHØR
SAMT ANDRE
MINI
SPECIALITETER

YOU HAVE JUST

BEEN



MINI'D!

89o-52o

Selvklæbende metalfolie

Kr. 6,6o



BMC MINI RANGE

Vejledende udsalgspriser inklusive oms.

Side 2		Side 5		Side 8	
XS.85.1	132,-	CA.31	14,50	CHP.14	36,30
XS.85.1/C	281,60	CA.32	14,50	VA.1	28,60
XS.85.1/TF	214,50	CA.88	55,-	VA.2	18,70
XSB.1	121,-	CA.88/1	58,30	VA.4	35,20
XSB.1/C	132,-	CA.89	67,10	VA.5	33,-
		CA.89/1	67,10	VA.6	33,-
Side 3		VA.155	144,10	VA.7	35,20
XM.1	260,70	VA.156	144,10	VA.8	88,-
XM.1/CR	375,10			VA.9	39,60
XM.1/CRH	471,90	Side 6		VA.10	35,20
		CAS.210	528,-	VA.11	99,-
Side 4				VA.50	79,20
CA.82	33,-	Side 7		VA.52	94,60
CA.83	39,60	CA.300	871,20	VA.53	94,60
CA.84	41,80	CA.300/3	871,20	VA.58	110,-
CA.90	14,85	CAS.410	677,60	VA.60	48,40
CA.92	10,60			VA.61	17,-
CA.93	11,90			VA.97	8,80



Side 9
SA.1 847,-
SA.1/A 895,40

Side 10
SA.1/CS 2057,-

Side 11
CH.100 1397,-
CH.200 1766,60

Side 12
CH.30 943,80
CH.40 968,-
CH.40/2 1113,20
CH.42 992,20
CH.42/3 1452,-
CH.50 1452,-
CH.50/2 1815,-

Side 13
GTA.1 1804,-
GTA.1/A 1881,-

Side 14
VA.100 459,80
VA.CS 2 363,-
VA.CS 5 71,80
VA.CS 7 847,-
VA.CS 11 847,-

Side 15
CMA.1/C 2712,60
CMA.1/C3 2772,-

Side 16
RKE.A1/CS 4039,20

Side 17
Komplette motorer
fra ca. 8000,-
ab fabrik.
Modification i Eng-
land af egen motor,
foretages ikke p.t.

Side 18
AR.1 217,80
AR.1/H 192,50
TSF.A1 91,30
TSR.A1 91,30

Side 19
BK.A1 229,90
BK.A1/CF 200,20
BK.A1/CR 115,50
BK.A1/CSF 200,20
BK.A1/E 229,90
BKS.A1 471,90

Side 20
AC.7.A1 167,20
BP.100.A1 411,40
BSP.1 85,80
BSP.2 85,80
IT.PA.8 40,70



Side 21	
IT.A.12	48,40
IT.C.12	104,50
IT.O.12	69,00
IT.OT.12	78,65
ITP.13	55,-
ITP.17	9,90
ITP.21	6,60
ITP.22	9,90
ITP.23	12,10
IT.PA.7	16,50
IT.PA.9	27,50
IT.TC4.12	653,40
IT.TC4.12-0	653,40
IT.TCS4.12	273,35
IT.W.12	78,65

Side 22	
ITP.26	59,40
ITP.27	59,40
ITP.28	66,-
ITP.30	105,60
ITP.30/2	105,60
ITP.30/4	115,50

Side 23	
AC.5.A1	24,20
AC.12.A1	22,-
AC.12.A1/A	11,-
AC.12.A1/B	11,-
AC.23.A1	11,-

Side 24	
AC.2.A1	9,35
AC.4.A1	363,-
AC.20.A1	462,-
AC.21.A1	599,50

Side 25	
AC.51	38,50
AC.51.F	38,50
AC.52	38,50
AC.52.F	38,50
SW.3.A1	214,50

Side 26	
AC.50.12	173,80
AC.53	60,50
AC.54/5	29,70

Side 26 (fortsat)	
AC.54/6	29,70
AC.TR2.12	
=Mixo TR89	66,-
AC.R10.12	
=Mixo TR130	176,-

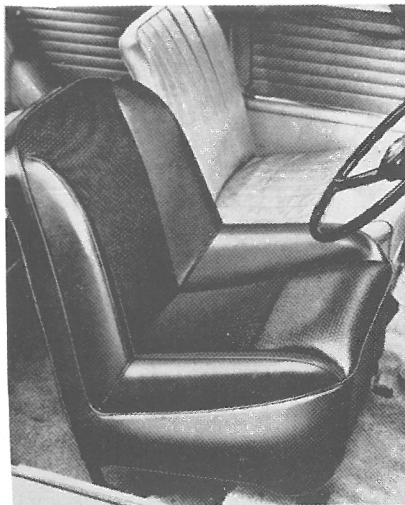
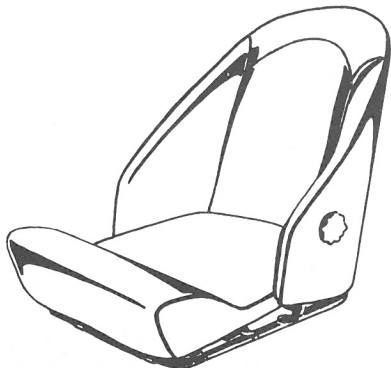
Side 27	
AC.71	
S,M & L	247,50
AC.71.LL	275,-
AC.66	48,40
AC.68	74,80

Side 28	
AC.155	0,25
AC.156	0,35
AC.175	11,00

Tilføjelse:
Ny Big Max lyddæmper med 2 afg.rør.
XBT.1 Mini 176,00
XBT.1/C Cooper 176,00

'BUCKET' SÆDER

Det ideelle sæde for sportskørsel. Kraftigt stål-rørsstel omhyggeligt polstret, absolut elegant udførelse. Ryglæn justerbart indtil 30°. BPA 1291 højre BPA 1292 venstre pr. sæde Kr. 623,70

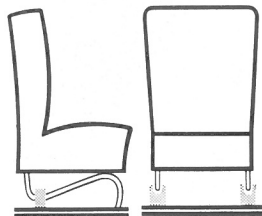
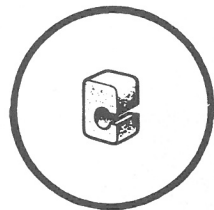


'BUCKET' SÆDEOVERTRÆK

Fremstillet i første klasses sort kunstlæder. Monteres nemt og enkelt, uden ændringer på de originale sæder. BPO 1291 Kr. 176,00

SÆDE REGULATORER

Kraftige gummiklodser der muliggør regulering af sædevinklen i 4 positioner. Monteres meget let på sædets rørstøtte. AC 530 Kr. 11,00



HÅND- BREMSEGREB

Praktisk finger-
greb i blød PVC.
Presses let over
håndbremsen.

Hvid, rød & sort

AC 526 Kr. 3,95

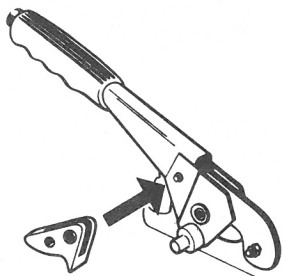


FLY OFF HÅNDBREMSE

Til hurtig start,
er uundværlig for
sportskøreren.

Den eksisterende
håndbremse ændres
hurtigt og nemt.
Leveres m.finger-
greb.

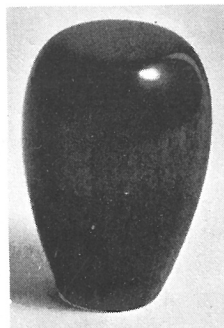
AC 525 Kr. 21,45



GEAR KNOP

Udført i fineste
teak træ. Ligger
godt i hånden og
gør gearskiftning-
en behageligere.

860-4 Kr. 11,50

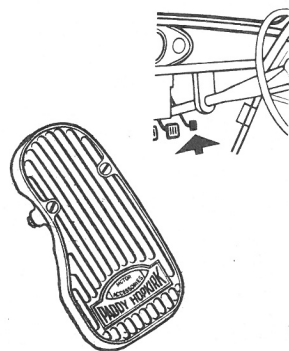


SPEEDER PEDAL

Original 'PADDY
HOPKIRK' speeder-
pedal.

Muliggør brug af
hæl/tå manøvre.
Monteres hurtigt
på eksisterende
pedal.

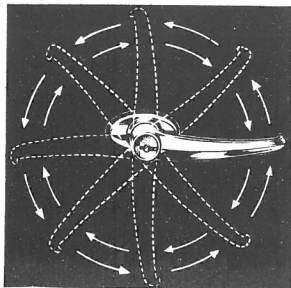
AC 560 Kr. 20,35



SPINFOIL DØRLÅSESIKRING

En halv omdrejning af nøglen og håndtaget drejer frit rundt, uden mulighed for opbrækning af døren. Kun nøgleejeeren kan åbne den. Ulåst fungerer håndtaget normalt. Leveres som ombygningsset.

AC 540 Kr. 22,50



DOWTY VENTILATORVINGE

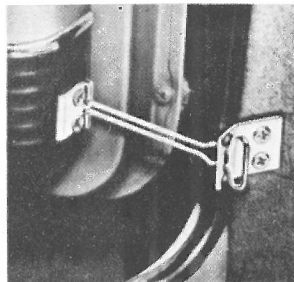
Blad-vinkelen justeres automatisk efter motorfarten. Giver bedre økonomi, større topfart, hurtigere acceleration. Reduceret støj og hurtigere opvarmning. Erstatte uden ændringer den eksisterende vinge.

AC 570 Kr. 83,60

DØRHOLDER

Erstatter original dørstrop. Monteres ved anvendelse af eksisterende huller og skruer. Holder døren fast i helt åbnet stilling.

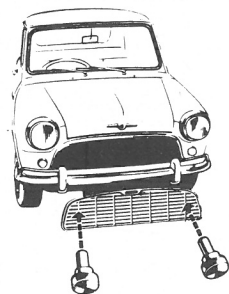
AC 535 Kr. 11,00



AFLÅSELIGT BENZINTANKDÆKSEL

Nytten og værdien heraf behøver ingen nærmere omtale. Udført i rustfrit stål.

Fabrikat WASO
100/37 Kr. 28,60
Fabrikat PJ
1319 Kr. 22,00



HJÆMLLÅSE

Låseanordning for motorhjelmen, således at låsemekanismen kun kan udløses fra instrumentbordet. Hjælmlåsen udgør, når dørene er låst, en effektiv, nem og billig tyverisikring.

858-1001

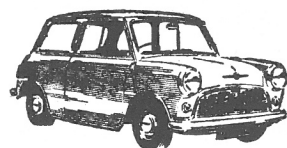
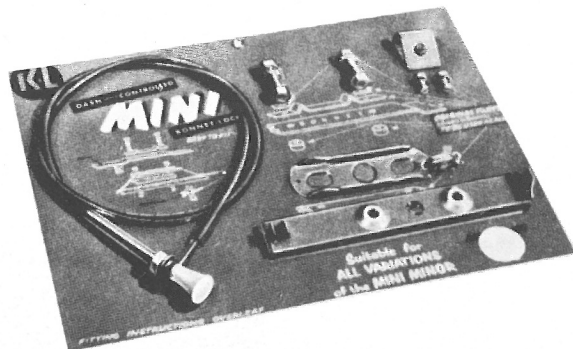
Kr. 26,40

SKRUER FOR KØLERGITTER

Til lynhurtig afmontering af kølergitter, og dermed fri adgang til dynamo, ventilatorrem, oliefilter, strømfordeler, horn etc.

AC 550 sæt Kr.

25,30



KØLERKAPPER

Fineste udførelse i sølvgrå PVC.

Austin & Morris 850 personvogne

986-2 Kr. 37,95

Austin 850 varevogn
986-3 Kr. 37,95

Morris 850 varevogn
986-9 Kr. 37,95

SACRED
KOFANGERHORN

Højglanspoleret aluminium med indstøbt gummistødpude. Meget praktisk ved tæt parkering.

Absolut elegant udførelse.

868-850 Kr. 33,00
pr. stk.



PECO

PECO
BIG BORE LYDDÆMPERE

Kvalitetslyddæmpere i elegant udførelse, med støjkontrolleret, sportslig tone.

Forkromede $2\frac{1}{4}$ " afgangsrør.

Type 'BIG BORE' med eet rør.

MO 1 Austin & Morris 850 Kr. 121,00

MO 2 Austin & Morris Cooper Kr. 132,00

Type 'BIG TWIN' med to rør.

MO 21 Austin & Morris 850 Kr. 176,00

MO 22 Austin & Morris Cooper Kr. 176,00



MINILITE

FÆLGE

Præcisions fremstillet i Magnesium Elektron C, et ideelt materiale til hjul beregnet for topydelse. 75 % lettere end stål og ca 33% lettere end aluminium. Højeste statiske og dynamiske egenskaber ved alle temperaturer. Fremragende varmeledsevne. Fantastisk stærke, absolut bedste hjul til banekørsel. Leveres i fælgbredderne $4\frac{1}{2}$ ", 5", $5\frac{1}{2}$ ".

Priseksempel:

894-1050 5" fælgbred. Kr. 363,00

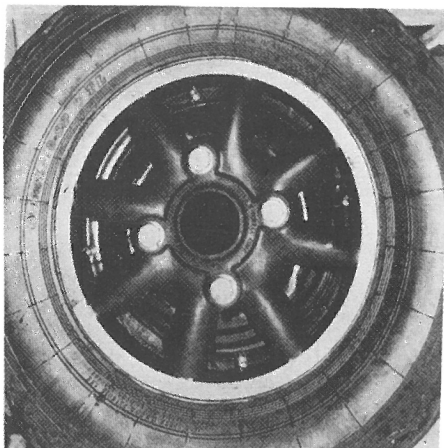
COSMIC LETMETAL FÆLGE

Udmarvende prøver har bevist, at de berømte Cosmic fælge er 10 gange så stærke som stålfælge. De er ca. 40% lettere og forøger sporvidden med $1\frac{1}{2}$ ". Passende for alle Mini modeller og kan anvende 500-10 til 600-10 dæk, med eller uden slange.

894-101

stk. Kr. 160,00





MAG-CAPS
PYNTEKAPSLER

Ser nøjagtig ud som magnesium fælge. Monteres nemt på de eksisterende hjul og er forsynet med plexi-krom navkapsler. Leveres i sæt med 4 stk.

895-510

Kr. 88,00

JAKKEMÆRKER

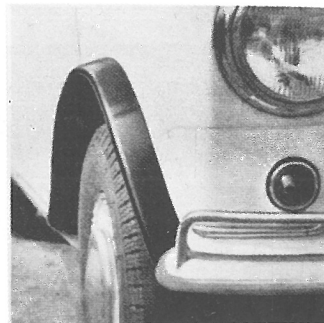
Broderede original mærker for rally-jakker, køredragter etc. Smuk udførelse i bedste materialer.

863-175

AUSTIN Kr. 16,50

COOPER Kr. 12,65

MORRIS Kr. 10,50



MINI
SKÆRMBREDEDEFORØGERE

Beregnet til brug i forbindelse med sporviddeforøgere, magnesium og letmetal fælge. Fremstillet i holdbar glasfiber. Dækker sporviddeforøgelse op til $2\frac{1}{2}$ " i en vinkel af ca. 120°. Farve = sort. Foruden praktiske egenskaber, ser de smarte ud.

BPS 51 sæt (4) Kr. 198,00