

# Helping us to help you... Do we have 'your' details?

We are continually updating and improving our customer database in order to give you the service and professionalism that you should expect from Moss. Having the correct information ensures we can process your orders more efficiently and enables us to keep you informed of our offers, relevant new products and sales. **Whether you are a NEW customer or an existing customer whose details have changed, please let us know by completing and returning this form:**

**Personal details** (Your details are very important to us and will be stored securely. Moss Europe will never sell or share any of your details with third party companies).

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County  Work tel.

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Country  Fax.

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- ☐ Austin Healey 100/4 - 3000  
☐ Austin Healey Sprite MkI-IV

## Classic Mini

- ☐ Classic Mini MkI-II  
☐ Classic Mini MkIII On

## MG

- ☐ MG TA-TC  
☐ MG TD-TF  
☐ MGA 1500  
☐ MGA 1600  
☐ MGA Twin Cam

## MG

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☐ MGB GT Rubber Bumper  
☐ MGB Roadster Chrome Bumper  
☐ MGB Roadster Rubber Bumper  
☐ MGB V8 Roadster & GT  
☐ MGC Roadster & GT  
☐ MG Midget MkI-III  
☐ MG Midget 1500  
☐ MG RV8  
☐ MGF-TF

## Morris Minor

- ☐ Morris Minor Series MM & II  
☐ Morris Minor 1000

## Triumph

- ☐ Triumph 2000 - 2.5 Saloon  
☐ Triumph Dolomite  
☐ Triumph GT6 MkI-III  
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☐ Triumph Spitfire MkI-III  
☐ Triumph Spitfire MkIV-1500  
☐ Triumph Stag  
☐ Triumph TR2-3A  
☐ Triumph TR4-4A  
☐ Triumph TR5-6  
☐ Triumph TR7-8

## Mazda

- ☐ Mazda MX-5 MkI  
☐ Mazda MX-5 Mk2-2.5  
☐ Mazda MX-5 Mk3

## Tools

- ☐ Restoration Tools

## Other

- ☐ Other

**Additional information** (Any information you feel that will help us to give you the best service).

**Please return this form to our Customer Services Department:**

Customer Services, Moss Europe Ltd, Unit 16, Hampton Business Park, Bolney Way, Feltham TW13 6DB England

**For a Moss catalogue please contact:**

Tel. 0800 281 182 email. catalogues@moss-europe.co.uk

**If you have any queries please contact our Customer Services Department:**

email. customerservices@moss-europe.co.uk



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## Ordering Information

### Notification of prices

Due to the volatility of world markets and currency fluctuations the prices in this catalogue are subject to change. Moss make every attempt to keep prices competitive and stable, however in common with all other suppliers in our industry, we reserve the right to alter these prices without prior notice.

For the latest prices, please visit our website [www.moss-europe.co.uk](http://www.moss-europe.co.uk). All prices are per unit (unless otherwise stated) and include (UK) VAT at 20% (where applicable) and are correct at the time of going to print. Postage and packaging is not included. E&OE. Where the price is replaced with the word "£Call" this part is generally not available or only available to order. Please call our sales staff as we may be able to assist you in locating the part or a suitable replacement part.

### Product supersessions

Moss Europe's policy is to detail the most up to date part information in our catalogues. Where possible parts are kept to original specification. However, in some instances we have to supersede to the most viable alternative product to maintain supply and keep cars on the road. Every effort is made to ensure high quality products.

### UK ordering

We accept orders by mail, telephone, e-mail, fax and on-line at [www.moss-europe.co.uk](http://www.moss-europe.co.uk). If you have the opportunity, we invite you to visit one of our branches. Remember, supplying details of your car, (i.e. engine, commission or Vehicle Identification Number (VIN) LHD or RHD, year of manufacture and any modifications) saves time and helps us to help you. Please inform us of your customer number, as this will speed up the processing of your order.

### Overseas ordering

We accept orders by mail, telephone, e-mail, fax and on-line at [www.moss-europe.co.uk](http://www.moss-europe.co.uk). If you visit the U.K. please come and visit one of our branches. When ordering, please ensure that you enclose full details of your name, address and customer number, plus details of your car (i.e. engine, commission or Vehicle Identification Number (VIN) LHD or RHD, year of manufacture and any modifications).

Please note: Overseas orders are often subject to local import duties, taxes and Customs clearance, which will need to be paid for at the point of entry. These charges are NOT included in the price of the goods or delivery prices. All relevant Customs forms and documentation needed to ensure the order arrives with the minimum of delay, will be included with your shipment. If you have any special requirements, please contact us to discuss them. Delivery charges are dependent upon the size and weight of the shipment. If a quotation is required prior to placing an order, please contact the export department at your chosen branch and they will be pleased to supply a full quotation.

### Parts back-order system

A back-order system is used when a part is not in stock at the time of ordering. If the item is expected to become available within 6 months, then it will be put on back-order, unless the customer instructs us otherwise. When we have the parts in stock, the back-order will be processed automatically and the item will be dispatched to the customer. If the particular part becomes No Longer Available (NLA) or does not become available within 6 months the back-order will be cancelled. If you are unsure when you placed a back-order, please login to your account online and view your order history or alternatively contact your local branch.

### Dispatch & delivery methods

Orders for delivery in the UK may be dispatched by regular post (for small/lightweight items), or through a Next Day courier. Please contact us for the best delivery option for your order. We are constantly striving to improve the service we offer, so please contact us for the latest delivery prices. For delivery outside the UK we offer the following services:

- **Economy delivery (by road):** 2 to 5 days.
- **Express delivery (by air):** 1 to 2 days (Guaranteed) - next day service to most countries.
- **For small and low value orders we also use airmail.**

For these services, please ask for prices and the best delivery option when you place your order. Most deliveries (except airmail) are 'trackable', (inc: e-mail updates and internet access for selected carriers). Please remember, all carriage charges are dependent on weight band, volume, destination and delivery time. If a quotation is required prior to placing your order, please contact a member of the sales department. Alternatively, you can arrange your own delivery and dispatch.

### Windscreen delivery information

To minimise the possibility of damage to the windscreen in the shipping process, it is now Moss Europe's policy to ship windscreens packed in a wooden crate. This crate has an additional cost (of £35.00 +VAT) which is charged to the customer at the time of ordering the windscreen. A full refund is available for the cost of the crate if the crate is returned in an undamaged and re-usable condition. The crate can be returned at the customer's convenience by carrier or in person at one of our branches. This return/refund offer is valid for a maximum of 2 years from the invoice date. Any return postage/shipping charge is non-refundable. The crate's dimensions will also increase shipping costs, particularly in EU countries. The crate dimensions are 155cm x 36cm x 82cm. For more information please contact your nearest Moss branch.

### Hazardous goods delivery information

At the time of going to print, Moss Europe Ltd conforms to international shipping regulations regarding packaging and transportation of Hazardous Goods by road and sea freight (only). Due to these international shipping regulations and licencing rules all goods deemed as Hazardous are currently available for shipping to the UK and Europe only. If you place an order containing Hazardous goods and your shipping address is not in the UK or Europe, we will not be able to ship this item to you. Please contact your local branch or visit our website [moss-europe.co.uk](http://moss-europe.co.uk) for the latest delivery information of Hazardous goods.

### Quotations & payment methods

We will be pleased to provide a full parts quotation detailing price, availability and relevant shipping costs. Payment may be made by cash, personal cheque (to the card guarantee limit),

Certified Bank Draft, Sterling Travellers Cheques and credit or debit card including: Mastercard, Visa, Delta. If you intend to make payment by Cheque or Bankers Draft when using our fast mail-order parts service, please confirm parts availability and carriage charges.

### Value added tax (VAT)

Value Added Tax (VAT) at the current rate will be levied on all orders being dispatched to all countries within the European Community. EU countries may be charged at their local VAT rate, please contact us or see website for details. VAT is not charged on goods dispatched to countries outside of the EU. However, such orders are often subject to local import duty, taxes and Customs clearance, which MUST be paid by you at the port of entry. Such charges are not included in the cost of the goods or delivery prices.

### Exchange units

We are able to offer a full rebuild service on numerous major components in our product range. We offer this service as an alternative to direct replacement parts, or when a brand new item is no longer available. However, the continuity of this exchange scheme needs the understanding and co-operation of our customers in relation to several important points: It is important to remember that "rebuild" does not mean "brand new". Rebuilding a unit involves stripping, cleaning, inspecting and re-assembling the unit. During this process, parts showing signs of wear will either be completely replaced or suitably renovated. However, it is not always feasible for major sub-components to be replaced with brand new ones, for example, an exchange engine will not have a new block. Due to the nature of certain product lines, some items can only be offered on a "one for one" exchange basis. This effectively means that you must offer us a viable unit before we can release a fully rebuilt item from our stock. In some instances we can only carry out reconditioning of your own unit. Our staff will inform you if this is the case.

All exchange units are subject to a surcharge. This surcharge serves two purposes; firstly, it acts as an incentive for you to return your old unit, and secondly it provides us with financial cover if your returned unit proves unsuitable for exchange purposes.

Whether or not your returned unit is suitable for exchange purposes cannot be ascertained until it is made available to us for inspection. As a general rule, suitable for exchange basically excludes any items that are beyond reasonable repair (e.g. crankcases pierced by a connecting rod) or units irrevocably damaged. We are also unable to accept units unless they are returned in whole, complete form (i.e. differential units which are returned partly stripped with no bearings and all the shims missing are not generally accepted), nor do we accept a "box of bits".

Surcharges will only be refunded once our core department has passed the item as serviceable. Under no circumstances can any exchange unit be shipped overseas until we receive your original unit. We have predetermined prices for our exchange units based on our experience of repair costs for a gearbox, axle or engine. Occasionally, however, the damage to the unit is so great that we will contact you before beginning work on your unit to advise you of any additional cost that may be incurred during the rebuild of the unit. We can return the unit (at your cost) if this proves unacceptable.

### 'Old unit' returns

Exchange items including reconditioned engines are subject to a surcharge that is refunded when a rebuildable unit (core) is returned. When you receive the rebuilt unit, attached to it will be a Core Return Authorisation Tag. This tag must be removed from the rebuilt unit and attached to the returned core in order to receive credit. Cores must be returned within 90 days of purchase in the original box, carton or engine cradle supplied with the rebuilt unit. Cores must be shipped clean and empty of fluids. Cores must be complete, assembled and rebuildable to receive credit or refund. You must pay all shipping charges for the return of the core and these charges are not refundable.

### Warranty

All parts are warranted against defects in materials and workmanship for a period of 12 months from the date of purchase. The warranty does not cover labour charges, failure of a related component, failure resulting from incorrect installation or misuse, nor will the warranty in any event be greater than the cost of the original component.

### Warranty returns

Parts that fail in use may be returned for 12 months from the date of purchase. Returns must be accompanied by the original invoice - no warranty claims will be paid without a copy of the original invoice. Return freight will be reimbursed. Electrical parts returned for warranty will be tested and if found functional, no return credit will be given and the part will be returned. Reimbursement is made by the original payment method. Complete the return form included in each order, pack the items securely and use the shipping return label supplied.

### Non-warranty returns

All uninstalled parts, in their original packaging may be returned within 90 days for any reason. A copy of the original invoice or the picking label (which is generally attached to the original packaging) must accompany the return. Return freight is paid by the customer. If the return is due to our error, the return freight will be reimbursed. Parts returned outside of this policy or in non-resalable condition may not be accepted or may be assessed a 15% handling fee. Reimbursement is made by the original payment method. Complete the return form included in each order, pack the items securely and use the shipping return label supplied.

### Customer service

We value your custom and wish to ensure that you receive the very best service. Every effort will be made to provide you with Quality Parts and Expertise in a relaxed, helpful and friendly manner. Should you consider the service you receive from us to be unsatisfactory, or you have any problems with the part(s) purchased, please advise a member of the sales team at the originating branch. If the matter is not resolved to your satisfaction, please e-mail our Customer Services Department at [customerservices@moss-europe.co.uk](mailto:customerservices@moss-europe.co.uk) or write to: **Customer Services, Moss Europe Ltd, Unit 16, Hampton Business Park, Bolney Way, Feltham TW13 6DB England.** *We will do our very best to resolve the issue.*

### British Motor Heritage

Moss Europe Ltd is a British Motor Heritage approved specialist. Our agreement with British Motor Heritage allows us the use of marque logos and some of the artwork contained within this catalogue.



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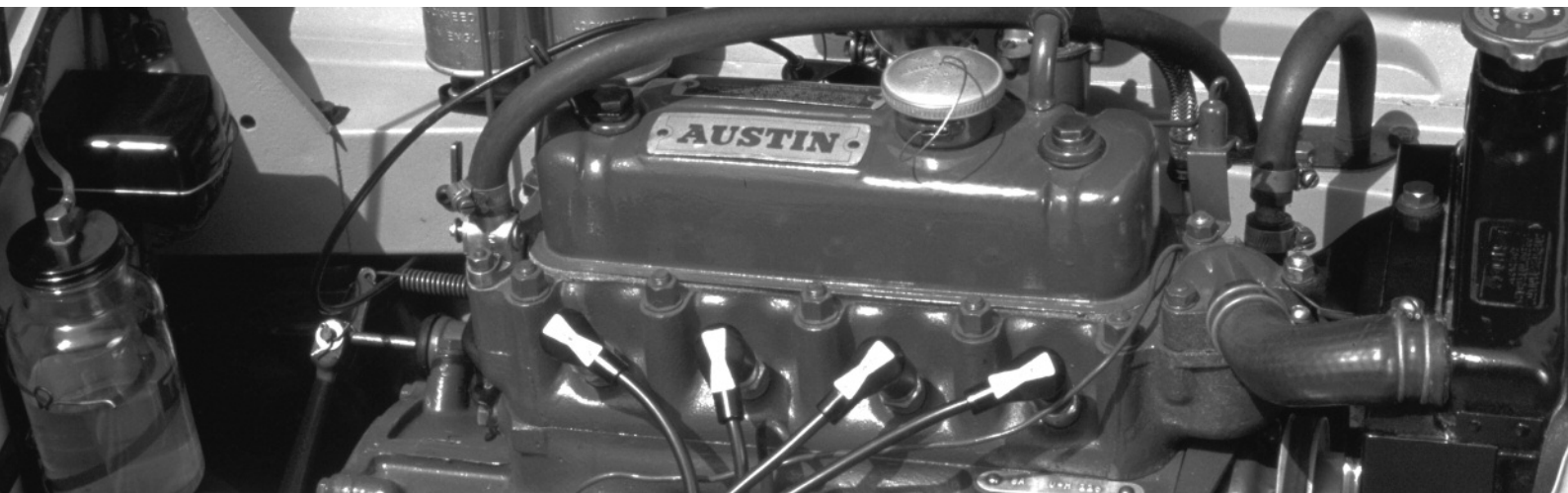
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Please note: In most circumstances Moss can supply both an OE (Original Equipment) part or an Aftermarket part. The Aftermarket part offers a high quality part but usually at a reduced price and in certain circumstances replaces the OE part when no longer available. The Aftermarket part is indicated by a letter "Z" at the end of the part number.



## Engine Preparation

This is a general guide to correct procedures and will apply, wholly or partly to all types of engine rebuild. However, before the engine rebuild can begin the engine needs to be stripped down, cleaned and examined, a procedure which many undertake with undue haste. During the strip down the following should be observed:

1. Wait for the engine to cool properly before removing the cylinder head - this applies especially to aluminium type heads. The consequence of not waiting can result in a warped head.
2. Mark the location (and, where applicable, orientation) of all major components especially valves, tappets, camshafts, pistons and rods, shell bearings by placing in clearly marked containers or racks.
3. Before removing bearing caps (e.g. camshaft, con rod, main bearing), make sure they are clearly marked for position and orientation.

Note: They must go back in the same position or on the same con rod and the right way round.

Once stripped all parts should be thoroughly cleaned and inspected with specific attention to any areas of bad wear or damage e.g:

1. Blown head gasket/burnt out valves - cylinder heads should always be thoroughly examined for cracks or distortion. Simply fitting a new gasket or valve is not the answer.
2. Damaged piston/rings - always check the cylinders for wear and damage. If the pistons need replacing, a rebore or cylinder hone is almost certainly needed as well. Damage to bores often appearing at the limits of the piston ring travel may well be what dictates the need for a rebore or at least a professional hone.
3. Badly worn crankshaft shell bearings - if the crankshaft is badly scored it must be reground to the next undersize. However, just as important are the con rod and main bearing housings that the shell bearings fit into. These are often overlooked and any wear or distortion in these areas will cause premature engine failure.

Cleaning should include removal of all oil gallery plugs to enable thorough cleansing with brushes. Many parts can be re-used during the rebuild but the following items should always be replaced:

1. All Gaskets And Seals. 2. Shell Bearings. 3. Timing Belts Or Chains. 4. Timing Belt/Chain Tensioners. 5. Piston Rings. 6. Oil Pump Drives. 7. All Major Fastenings Including Cylinder Head, Con Rod And Flywheel Bolts.

## Engine Rebuild

The following highlight important procedures during the re-assembly of a modified engine:

1. **THOROUGHLY** clean and check **ALL** parts - your engine's worst enemy is dirt, even new parts may need cleaning. This includes the head and block and all oil galleries.
2. **ALWAYS** fit new high quality gaskets and seals, ensuring all shafts and mating surfaces are free from burrs and defects. Use correct sealants or lubricants where necessary.
3. **LIBERALLY** oil all internal parts during assembly. Use the special assembly lube or gear oil on cam lobes and tappet faces.
4. **ALWAYS** replace cam followers when fitting a new camshaft.
5. **ALWAYS** replace con rod, flywheel and cylinder head studs and bolts. All other fastenings should be checked for wear or damage and replaced as necessary. For high specification engines, race quality fastenings are available for most applications.
6. **CLEAN** all threads and fastenings prior to fitment and use a good quality torque wrench on all critical components. Apply an anti-seize lubricant to all cylinder head fixings.
7. **IF** you are fitting high lift cams, special pistons, or large valve heads, always carry out a dummy engine build and check valve to piston/block clearances. Machine piston crowns/valve pockets or block face as necessary.
8. **INCORRECT** cam timing can severely reduce the power output so don't overlook this area during assembly. Use adjustable cam pulleys or sprockets where available.
9. **CHOOSE** compatible parts for your specific conversion. A full race specification head will be next to useless if fitted to a mild road stage engine. Modified camshafts and cylinder heads in particular should be chosen with care.



10. **UNLESS** you know what you are doing, avoid over-lightening components. Reducing the weight of some parts may also reduce their strength to a critical level.
11. **ALWAYS** have the engine assembly balanced - it will make a lot of difference to the smoothness and help maintain optimum reliability.
12. **DON'T** forget the clutch - depending on the power increase, a suitable heavy duty or competition clutch assembly will be required.
13. **OIL** And **FILTER** - the importance of using the correct specification of oil cannot be overstated. Please contact your local branch for advice.

Most engine modifications should be followed up with a professional engine tune. Apart from emissions, the correct ignition timing and fuelling is paramount if you want the best return for all the expense and effort you have put in. Get these important settings wrong and you may lose more than just a bit of power. Over-fuelling (rich mixture) can result in excessive piston, ring and bore wear. Under fuelling (weak mixture) or retarded ignition can cause overheating problems. An ignition set with too much advance is likely to induce detonation or 'pinking' which, if left uncorrected, can shatter pistons and place excessive loads on the bottom end. You have been warned!

Lastly, please check that your suspension and braking systems are adequate for the power increase you have achieved. A full range of optional equipment can be found further in the Moss Europe catalogue.

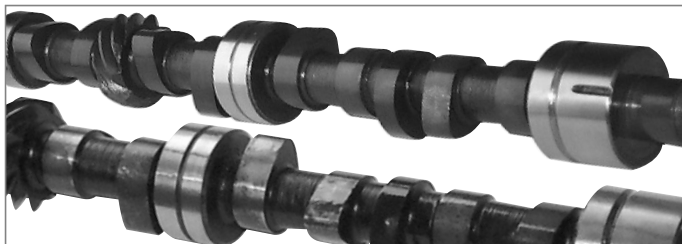


# Camshafts

## Camshaft Fitting Instructions

The installation and first few moments of running are critical factors in the life of the camshaft. Failure to install the camshaft correctly will have a drastic effect on the life of the camshaft and in the worst cases can result in immediate failure. The following instructions must be adhered to in order to obtain maximum performance from the engine and to ensure a long and trouble free life from both camshaft and associated components. These instructions are also provided in addition to the original manufacturer's installation procedure.

Where a camshaft is being replaced due to excessive wear, it would be highly recommended to strip the engine and fully clean the internals. Metal particles present in the sump, oil pump, bearings and oil galleries will soon play havoc with the new cam. It would also be wise to check the oil feed system. Low oil pressure due to a worn pump, blocked pick-up pipe or blocked oil galleries will quickly wear the new cam to the same state as the one being replaced. In other words, before replacing a failed camshaft, make sure you find out the reasons for the failure and correct it!



Before fitting the camshaft, check that it is identical in every aspect (with the exception of the lobe profiles) to the one being replaced. Special attention should be given to the oil feed positions and journal diameters as variations may occur during the manufacture of the engine. Also check that any gallery bungs present on the old cam are also in place on the new cam. Do not remove the black phosphate coating from the new cam lobes. Liberally coat both the camshaft and cam followers with a proprietary cam lube or engine assembly compound. We recommend and use a colloidal graphite paste. Failure to do this can cause scuffing between the surfaces of the cam and followers, which will result in premature wear. Ensure that followers are free to rotate in their bores where applicable. It is essential that new followers are always fitted, regardless of the condition or limited use of the old followers. Failure to do so may cause premature components failure and consequently will invalidate any warranty claim.

Upon installation, the valve springs must be checked to ensure that:

1. The fitted length (installed height) of the valve springs match the figure provided by the manufacturer. If too small, then the valve seat areas in the head will require machining. If too large, shims can be added to the spring seat. Due to varying

manufacturing tolerances of cylinder heads, all springs should be checked and measured for clearance.

2. Coil binding does not exist at full valve lift. This is the condition where the spring is fully compressed. As a guide, the spring should be able to compress a further 0.060" (1.5mm) before the coil bound condition is reached. This can be checked by inserting feeler gauges between each coil of the spring and adding the results together to get a total clearance figure. Due to varying manufacturing tolerances of cylinder heads, all springs should be checked and measured for clearance.

Check the clearance between the bottom face of each retainer and the top of the guide or stem seal at full lift. This should be a minimum of 0.080" (2mm). If this clearance cannot be achieved, the top of the guides must be machined. When double valve springs are being installed in place of singles, ensure the inner spring is correctly located and the correct retainers and platforms are used where applicable. When modifying engines that utilise finger followers, it is imperative that you ensure the followers remain in the original attitude relative to the cylinder head. Failure to do so will alter the rocker geometry, increasing or decreasing valve lift and can result in failure of both cam and followers or excessive valve stem/guide wear. For OHV engines, attention should be paid to rocker arm geometry for the same reasons.

## Camshaft Timing

### Determining True Crank TDC Position - Head Off Block

Although the crank pulley will have a mark to show TDC position, this point may not be accurate due to manufacturing tolerances. It is always recommended to calculate the actual position of TDC rather than rely on the mark on the crank pulley. Fit the timing disc to the front of the crankshaft. A pointer for the timing disc can be made from a piece of bent wire secured under a suitable front cover bolt. Position a dial gauge to measure the travel of No 1 piston.

Turn the crank until the piston is at its maximum height and zero the gauge. You will find that there is a dwell period of approx. 10 degrees where the piston is at its maximum height. True TDC position is at the centre of this dwell period. To accurately measure the position of TDC, rotate the crankshaft and stop at a figure just before TDC, for example 0.020" on the dial gauge. Record the figure on the timing disc from the pointer. Now rotate the crankshaft and stop at the same figure (0.020") after TDC. Record the figure on the timing disc again. True TDC is positioned in the middle of these two figures. The TDC position can be calculated by adding the two figures together and dividing by two. Adjust the timing disc so that it reads zero on the pointer at true TDC.

### Determining True Crank TDC Position - Head On Block

If the head has not been removed when changing the cam, it is still possible to measure the true TDC position. The procedure is the same as above but the movement of the piston is recorded by using an extension resting on the piston crown (such as a socket extension or push rod). Access to the piston crown is made through the spark plug hole.



# Formula

## Engine Capacity/Displacement

Information required: 1. Cylinder bore, 2. Crankshaft stroke, 3. Number of cylinders.

Calculation:  $0.7854 \times \text{bore} \times \text{bore} \times \text{stroke} \times \text{number of cylinders}$ .

Example: Bore = 73.5mm (7.35cm), Stroke = 81.3mm (8.13cm), cylinders.

Solution:  $0.7854 \times 7.35 \times 7.35 \times 8.13 \times 4 = 1379.79\text{cc}$ .

In the above example we have used centimetres to calculate capacity in cubic centimetres. To find the displacement in cubic inches simply substitute measurements in inches: 7.35cm = 2.893" and 8.13cm = 3.200" giving  $0.7854 \times 2.893 \times 2.893 \times 3.200 \times 4 = 84.13 \text{ cu.in.}$

To quickly convert from cc's to cu.ins. divide by 16.387 and from cu.in. to cc. Multiply by 16.387.

## Crankshaft Stroke

Information required: 1. Bore size, 2. Engine capacity, 3. Number of cylinders.

Calculation: Divide engine capacity by:  $(0.7854 \times \text{bore} \times \text{bore} \times \text{no. of cylinders})$ .

Example: 1380cc 4 cylinder engine with an 73.5mm bore size.

Solution:  $1380 \div (0.7854 \times 7.35 \times 7.35 \times 4) = 169.717086$ ,  $1380 \div 169.717086 = 8.13\text{cm}$ .

## Compression Ratio

Information required: 1. Capacity of ONE cylinder, 2. Compressed volume.

Cylinder capacity is the total engine displacement divided by the number of cylinders. E.g: 4 cylinder 1000cc engine = 250cc per cylinder.

Compressed volume is the area above the piston crown when the piston is at its highest point or top dead centre (TDC).

This area comprises:

1. The combustion chamber (usually in the cylinder head as shown, but can also be in the piston crown).
2. The head gasket thickness.
3. The area between the cylinder block face and the piston crown, commonly referred to as the 'deck height'.

## Procedure:

Measure the volume of the cylinder and/or piston chambers using a suitable burette filled with paraffin. Calculate the volume of the gasket and deck height areas and add these to the chamber volume to arrive at the total compressed volume. Some engines with irregular piston crown shapes, especially raised areas, may be difficult to quantify with any degree of accuracy. In such cases it is best to measure the compressed area with the cylinder head fitted. Make sure the piston is at TDC and seal the gap between the cylinder wall and the piston with grease (this will prevent seepage past the rings giving a false reading). Refit gasket and cylinder head and measure the volume through the spark plug hole.

Note: The spark plug hole must be at the highest point when carrying out this procedure.

Calculation:  $(\text{Cylinder volume} + \text{compressed volume}) \div \text{compressed volume}$ .

Example: 1000cc 4 cylinder engine with a compressed volume of 27cc's.

Solution: One cylinder =  $1000\text{cc} \div 4 = 250\text{cc}$ .  
 $(250\text{cc} + 27\text{cc}) \div 27\text{cc} = 277\text{cc} \div 27 = 10.26$  or 10.26:1 compression ratio.

## Valve Size

The maximum airflow through any valve occurs when it has been lifted 25% of its diameter. For example, a 37mm (1.45") valve will require a lift of no more than 9.25mm (.364") and a 31mm (1.22") valve a lift of 7.75mm (.305") to reach their maximum flow capabilities.

Timing In The Camshaft

Rotate the crankshaft clockwise to 90 degrees after TDC. This will make sure all the pistons are half way down the bore. Now position the dial gauge so that it can read the lift of the inlet valve of number 1 cylinder from the top of the valve retainer. Rotate the cam until the gauge shows that the valve is at full lift. As with the crankshaft, there will be a dwell period where the valve is at full lift. True full lift is at the centre of this dwell period. Roughly position the cam at true lift position.

Now rotate the crankshaft clockwise to the full valve lift position (as specified on the camshaft data sheet - this figure is typically from 100 to 120 degrees after TDC), fit the timing belt or chain and set up the tensioner. Now rotate the crank clockwise until the inlet valve of number one cylinder is just off full lift position (such as 0.005" or 0.15mm). Record the figure on the timing disc from the pointer. Then continue to rotate the crank clockwise until the valve has fully opened and then closed by the same distance as previously used (0.005" or 0.15mm). Read the figure on the timing disc again. The position of full lift is the middle of these two figures. The full lift position can be calculated by adding the two figures together and dividing by two. Adjustments can then be made to the camshaft timing, using an adjustable cam pulley or offset dowels, if this figure does not agree with the one on the data sheet. Check the timing again after adjustments using the same procedure.

Having timed the camshaft, check that there is no piston to valve contact. Minimum clearance is 0.060" (1.5mm). This can only be checked by dummy building the engine with a piece of plasticine placed on the crown of the piston. As the engine is turned, the valves will indent the plasticine. The clearance is then measured as the thickness of the plasticine between the piston crown to the bottom of the valve indent. Before starting the engine, turn the engine over by hand to ensure that it turns freely. Prime the oil system and check that everything is set to ensure that the engine starts straight away. The engine must not be turned over for any length of time on the starter. Once started, do not allow the engine to idle for the first 20 minutes and keep the revs to a minimum of 2500 rpm. This

will ensure adequate lubrication of the cam and followers and reduce the contact force between the cam and follower. If any adjustments need to be made within the first 20 minutes, then shut the engine down. **DO NOT ALLOW THE ENGINE TO IDLE.** Please note that new hydraulic lifters may in some cases operate with excessive noise for a few minutes before they are fully charged with oil.

Performance Camshafts

All the Kent camshaft applications/part numbers below with the suffix 'P' are for the original pin drive oil pump/ camshaft. If you have changed your camshaft and oil pump to either 'Star' drive or 'Metro Slot', use the suffix 'S' or 'M' on the part number. All Piper cams with the suffix E are Star Drive unless otherwise stated.

To assist in selecting a suitable camshaft we have prepared a table showing their various characteristics, these will change from engine to engine and with other modifications such as carburettor or valve size. A scatter profile is where the cam timing on No.2 and 3 engine cylinders has been altered slightly to combat the poor scavenging of the siamese port design. This will benefit both the tickover and high end performance.

The effect of a larger engine is to lower the camshaft's power range slightly. Care must be taken to ensure that installation is carried out correctly and that components all work together or you will not get the expected power output or reliability. It is essential that the new cam is fitted with new followers as they mate with the lobe that they run on and should never be used on another lobe. Lightened and Tuftrided followers wear more slowly and put less load on high lift cam lobes: They are also manufactured with a drainage hole. Another essential is the special lubricant that must be used with all new cams, it provides vital lubrication during initial starting and protects your cam from extreme wear in its first minute of use. (S/T = Special Tuning) Don't forget the camshaft assembly lubricant or the cam timing degree disc (TT2929), you will need this to set your cam timing.

KENT CAMS CAMSHAFT TYPE	PART NO.	INLET	EXHAUST INL - EXH	DURATION	CAM LIFT	DESCRIPTION
Road	KMD256	21/53	53/21	220-254°	0.263"	998cc Street Cam
Fast Road	KMD266	24/56	61/29	260-270°	0.263"-0.270"	1275cc Smooth Idle
Road Rally	KMD276	29/61	66/34	270-280°	0.293"-0.315"	1275cc Slightly Lumpy Idle Very Good Street Cam
Rally	KMD286	34/66	71/39	280-290°	0.315"-0.324"	1275cc Lumpy Idle Max Street Cam
Rally Scatter	KMD286SP	34/66	71/39	280-290°	0.315"-0.324"	1275cc Lumpy Idle Max Street Cam
Race	KMD296	39/71	76/44	296-300°	0.324"-0.340"	1275cc Race/1380cc Slightly Lumpy
Race Scatter	KMD296SP	39/71	76/44	296-300°	0.324"-0.340"	1275cc Race/1380cc Slightly Lumpy
Full Race Scatter	KMD310SP	49/81	81/49	310°	0.340"	Full Race
S/T Road	STA600S	33/65	63/31	278-274°	0.293"	Classic Road Cam
S/T Fast Road/Rally	STA731	24/64	59/29	268°	0.263"	Classic Fast Road Cam
S/T Fast Road/Rally	STA800S	24/64	59/29	268°	0.263"	Classic Fast Road Cam
PIPER CAMSHAFT TYPE	PART NO.	INLET	EXHAUST INL - EXH	DURATION	CAM LIFT	DESCRIPTION
Fast Road (Stage 2)	AHR2702E	39/73	73/39	292°	0.288"	1275cc Fast Road Cam
Fast Road	AHR270E	37/71	73/39	288°	0.277"	1275cc Road Cam
Road Rally	AHR2852E	39/73	66/32	292-278°	0.299"	1275cc Max Street/1380cc Road Cam
Rally	AHR300E	46/74	74/46	300°	0.316"	1380cc Fast Road Cam
Sprint	AHR320E	54/82	82/54	316°	0.316"	Race
Race 2	AHR3202E	62/86	86/62	328°	0.322"	Full Race
ACCESSORIES	PART NO.					DESCRIPTION
Cam Lube	KEN2					250ml Cam Lubricant
Cam Timing Disc	TT2929					360° Timing Wheel

Carburettor Jet Selection

This is a quick guide to jet selection for 1275cc Weber carburettors.

Note: Jet selections shown are a basis to work from, they may need adjustment to suit your application, this can only be carried out on a rolling road.

1275cc WEBER CARBURETTOR	40 ROAD	45 FAST ROAD	45 FAST ROAD AND SPRINT	45 RACE
Auxiliary Venturi	3.5	4.5	4.5	4.5
Choke	34	36	38	40
Main Jet	145	150	170	200
Air Cor.	175	180	180	175
Emulsion Tube	F2	F2	F2	F2/F9
Pump Jet	45	50	55	55/60
Idle Jet	45F8	50F8	55F8	55F8

# Suspension

## Suspension Geometry

There are five basic factors that control front suspension geometry:

- |                         |                  |
|-------------------------|------------------|
| 1. Kingpin Inclination. | 4. Camber Angle. |
| 2. Bump Steer.          | 5. Tracking.     |
| 3. Caster Angle.        |                  |

Note: On a Mini only three of these can be altered easily.

## Front Suspension

### Kingpin Inclination

The Kingpin Inclination is not independently adjustable although it will alter as other adjustments are made.

### Bump Steer

Bump steer is in fact a change in toe angle as a wheel moves up or down in its suspension travel. When a bump is encountered in a turn, the resulting toe change will cause a slight steering effect which is felt as anything from a slight "twitch" to a major direction change. This can be optimised but is far more complicated and would require specialist measuring tools.

### Caster Angle

Caster angle this is left to the adjustable front tie bar kit (WPT9003X). This is quite an easy adjustment if the tie bar bushes (31G1155H road hard/31G1155VH race hard rubber or 31G1155SPK poly. bushes) are lubricated on installation, as the tie bar can actually be rotated (therefore lengthened or shortened) in situ.

### Camber Angle

Camber angle is adjusted by the replacement of the lower arms with lengthened or adjustable length arms.

WPT9001X are 3/8 inch longer, giving 1.5 degrees more negative camber than standard.

WPT90012X are 1/2 inch longer, giving 2 degrees more negative camber than standard.

WPT90013X are 5/8 inch longer, giving 2.5 degrees more negative camber than standard.

C-AJJ3363 rose jointed length adjustable, giving fully adjustment capabilities.

Again as with the tie bars it is advisable to use harder bushes (21A1882SPK) to achieve less free play.

### Tracking

Tracking probably the most well known, is adjusted via the track rod end on the steering rack. This is not to be overlooked as with implementing the above modifications to the suspension your tracking is sure to have been affected and will require adjustment to bring back to the correct setting.

Note: If lowering the suspension or adding lots of negative camber, you will require lengthened track rod ends (GSJ158) as the standard ones may only be hanging on by a few threads.

## Rear Suspension

Rear suspension, at the rear of the Mini we are really stuck with only track and camber adjustment.

### Camber Angle

Camber angle is adjusted via the outer radius arm bracket. There are two types available fixed (WPT9002X) at 1.5 degrees, and adjustable (WPT90021). These adjustable brackets also allow the track to be adjusted. If purchasing the fixed camber brackets the track can be altered, to alter toe-in is quite a simple affair this is done by adding spacer shims between the radius arm outer bracket and the rear subframe and elongating the fixing holes on the underside of the radius arm bracket.

Adjusting toe-out is not so simple this requires the removal of the radius arms to allow access to the inner radius arm mount, this now requires the mounting hole for the radius arm pin to be elongated. Once the correct track has been found it will be necessary to lock this in position to stop it returning to toe-out after some suspension movement. This elongating of the inner mount brings with it another problem by raising the rear suspension. The thought of all this labour should have put off purchasing the fixed brackets and brought your attention to back to the adjustable brackets, in my view well worth the money and the sore knuckles.

## Dampers, Springs & Adjustable Height Suspension

We supply three different manufacturers of suspension dampers for the Classic Mini SPAX, GAZ and KONI, all of them offering dampers with adjustment facilities on both bump and rebound. Nearly all offer this facility via an adjustment knob or screw on the lower body of the damper unit, this controls both the bump and rebound. This is the easiest method of adjusting your damper.

Koni on the other hand have a different method of adjustment which requires the shock to be removed and adjusted under compression. Although this sounds like a long job this really only takes about 1 hour tops and only this long because the fuel tank has to be repositioned while removing the left hand rear damper.



### Front Dampers

GAC84011X	SPAX Shock Absorber - Standard Height.
GAC84021X	SPAX Shock Absorber - Lowered Height.
GAC8405X	KONI Shock Absorber - Standard Height.
GAC8046X	KONI Shock Absorber - Lowered Height.
GAC8041XG	GAZ Shock Absorber - Standard Height.
GAC8042XG	GAZ Shock Absorber - Lowered Height.

### Rear Dampers

GAC84031X	SPAX Shock Absorber - Standard Height.
GAC84041X	SPAX Shock Absorber - Lowered Height.
GAC8407X	KONI Shock Absorber - Standard Height.
GAC8408X	KONI Shock Absorber - Lowered Height.
GAC8403XG	GAZ Shock Absorber - Standard Height.
GAC8404XG	GAZ Shock Absorber - Lowered Height.



These of course are only the damper units and not the spring unit; this job on a Classic Mini is left to a rubber cone. Perfect for the job in many ways it is a bit harsh for the requirements we expect today. There are several ways to change this harshness. The cheapest way is to remove the springs and drill holes into the rubber although this could take some time with trial and error (please see Dave Vizards'... How to Modify Your Mini book part number MGL0248).

We also supply replacement spring kits that actually replace the rubber cone units completely. These are available in two different spring rates. The softer of the two kits (FAM3968X) is the one we would recommend for road use as it is disciplined over bumps and pot holes yet still gives plenty of enjoyment in the corners. The firmer of the two kits (FAM3968HX) is the kit that we would recommend for fast road, sprint and possibly some competition applications.

There is also the choice of coilover damper/spring kits (SPCK19 lowered kit and SPCK20 standard height kit). These as the name suggests are one piece units, the damper units have top and bottom (height adjustable at the bottom) platforms to facilitate the fitment of a spring around the body of the damper. With these units you can remove nearly all of the other original spring components e.g: Rubber cone, suspension trumpets and knuckle joints. These kits come with their own top and bottom mounting brackets for the front and require slight modification to the rear inner arches to allow fitment of the dampers and 1.9" diameter springs. If staying with standard rubber cones or converting to the spring replacement it is still possible to have adjustable height suspension. This is done via adjustable suspension trumpets: These trumpets replace the standard trumpets and have a threaded adjuster to allow a huge range of adjustment.

### HiLos

GAC8437X	HiLo Adjustable Height Suspension Kit - Front And Rear.
GAC84371	HiLo Adjustable Height Cones Kit - 2 x Hilo Cones And 2 x 21A423.
GAC84372	Extension Rods (Pair) - Use With GAC84371 When Fitting To Rear Suspension.
GAC84374	Front Allen Bar - Allen Head Bar For Adjusting Suspension Heights.
GAC84373	Rear Allen Bar - Allen Head Bar For Adjusting Suspension Heights.

### Adjusta Ride

GAC8432X	Adjusta-Ride Adjustable Height Suspension Kit - Front.
GAC8433X	Adjusta-Ride Adjustable Height Suspension Kit - Rear.

### Useful Tools

GAC9424X	Cone Compressor Tool.
MTR4201	Caster/Camber Gauge. (This gauge allows you to correctly set up your suspension to get the best from your Mini where it excels most (the corners). Very easy to use supplied with instructions).

Note: Please remember that any change in height is going to affect other suspension geometry parameters and these will require checking and adjustment once the desired height has been reached.

## Brakes

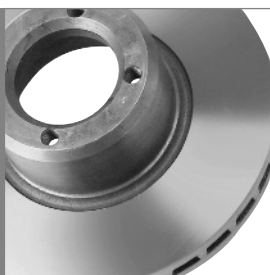
Over the 41 years of the Mini production life there have been many upgrades to the braking systems. A summary of standard Mini brake fitment throughout its production life.

### Drum Brakes

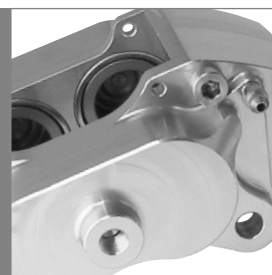
- 1959-1964** Front drum brakes with single leading shoes. Rear drum brakes. This system had only one hydraulic wheel cylinder fitted in each drum. This system was hardly adequate then and should only be kept if car is trying to retain OE specification.
- 1964-1985** Front drum brakes with twin leading shoes. Rear drum brakes. This system although an improvement on the single leading shoe setup is only just adequate for standard performance cars and again retaining OE specification.



**Pads**



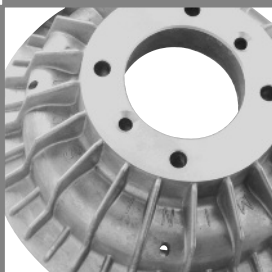
**Discs**



**Caliper**



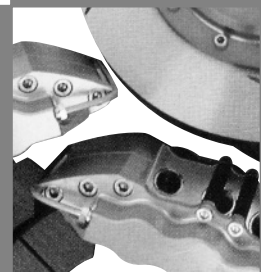
**Drums**



**Hoses**



**Kits**



### Disc Brakes

- 1961-1964** 7 inch disc brakes at the front, two pot calipers. Rear drum brakes. Fitted to the Mini Cooper 997cc. This system although discs still had a very small pad surface to disc area and because of this these were not all that good. Parts for this system are virtually impossible to find therefore making it hard to maintain.
- 1964-1969** 7 inch disc brakes at the front, two pot calipers. Rear drum brakes. Fitted to the Mini Cooper 998cc. This system had redesigned callipers and larger pad to discs surface area. This system was better than the 997 system but for today's standards it is still a little poor. Good for standard 10 wheel applications.
- 1963-1974** 7.5 inch disc brakes at the front, two pot calipers. Rear drum brakes. Fitted to the Mini Cooper S and Mini Clubman GT. Much larger pad to disc surface area and improved cooling efficiency. This along with a remote servo makes a very effective braking system for those who wish to keep their 10" wheels.
- 1974-1979** 8.4 inch disc brakes at the front, two pot calipers. Rear drum brakes. Fitted to the Mini Clubman GT. The larger discs really help with the pad to disc surface area and the cooling. These systems were non served and still gave very good stopping power.
- 1985-2000** 8.4 inch disc brakes at the front, two pot calipers. Rear drum brakes. Fitted to the Mini as standard.
- 1989** 8.4 inch vented disc brakes at the front, four pot calipers. Rear drum brakes. Fitted to the ERA Turbo Mini.

### Performance Brake Pads

- |           |  |
|-----------|--|
| GBP102G   | EBC Green Pad Set 998 Cooper.                |
| GBP102KV  | EBC Kevlar Pad Set 998 Cooper.               |
| GBP103G   | EBC Green Pad Set Cooper S.                  |
| GBP103KV  | EBC Kevlar Pad Set Cooper S.                 |
| 8G8996    | MINTEX M1144 Pad Set Cooper S.               |
| STR505G   | EBC Green Pad Set GT & 1984-On.              |
| STR505KV  | EBC Kevlar Pad Set GT & 1984-On.             |
| STR5051   | MINTEX M1144 Pad Set GT & 1984-On.           |
| STR5052   | MINTEX M1155 Pad Set GT & 1984-On.           |
| GBP258    | MINTEX 4 Pot Metro And Alloy Calipers.       |
| TMG309474 | MINTEX M1144 4 Pot Metro And Alloy Calipers. |

Something usually overlooked when looking at braking systems is replacement over braided brake hoses these give you a firmer feel at the pedal as these hoses do not expand when pressurised as rubber hoses do.

If you wish to fit the ultimate in braking systems we have several 4 pot calipers and even 6 pots.

### This kit is for 13 inch wheels only:

- MT5411** 6 Pot Vented Big Brake Kit. For 13" wheels where a no compromise front brake setup is required our big disc conversion can be used. This combines a one piece 6 pot caliper with a 265x18mm vented disc with separate alloy mounting bell. Supplied with fast road pads and front braided brake lines. This is a competition oriented brake upgrade as the calipers are not fitted with dust seals.



# Identification Numbers

## Engine Identification Numbers

### 850cc

8A	Austin Up To 25000.
8MB	Morris Up To 25000.
8AM	Austin & Morris 25000 On.
8AH	Austin & Morris Automatic.
8AJ	Austin & Morris closed circuit breathing.
8AK	Austin & Morris automatic with closed circuit breathing.
8WR	Wolseley Hornet & Riley Elf.
8AC	Moke.
85H/101	All variants 1969-On.

Note: Third suffix letter denotes compression type, L = Low, H = High, e.g: 8AM/U/H101 denotes high compression.

### 998cc

9WR	Wolseley Hornet & Riley Elf MkII, pre closed circuit breathing.
9AD	Austin, Wolseley Hornet & Riley Elf MkII with remote type gearbox and closed circuit breathing.
9AE	Wolseley Hornet & Riley Elf MkIII.
99H/-101on	Wolseley, Riley, Mini 1000, Clubman 1000 1970-On & MkIII with dished piston.
99H/791	Mini 1974-On with dished piston.
99H/997	1980-On A+ block, flat top pistons, economy fitment with 2.95 final drive.
99H/A97P	A+ block with dished pistons, pre-A+ gears, 3.44 final drive & 12" wheels.
998	A+ block with centre locating tag in main cap, 1985 onwards, Flat top piston with circlip gudgeon pin retention.
99H/B81	Up To engine number 127431.
99H/C20	Up To engine number 105023.
99H/997	From engine number 127422 with 2.95 final drive 99H/A35P.

### Flat top piston with press fit gudgeon pin

99H/B81	From engine number 127432.
99H/C20	From engine number 105024.
99H/D80	

### Flat top pistons with press fit gudgeon pin, lead-free cylinder head

99H/G30 or G32 or G33
99H/F15 or F16
99H/E20 or E21
99H/D81
LBB10089

### Dished pistons with circlip gudgeon pin retention

99H/B83P	Up To engine number 102908.
99H/B84P	Up To engine number 100216.

### Dished pistons with press fit gudgeon pin

99H/B83P	From engine number 102909.
99H/B84P	From engine number 100217.

### Dished pistons with press fit gudgeon pin, lead-free

99H/G31
99H/E22
LBB10175

### 1100cc (1098cc)

10AMW/Ta	Clubman Estate and Austin 110 (ADO16 shape).
10H791	Clubman Saloon.
10H/-/H	All Austin 1100 2 & 4 door derivative Saloons (ADO16 shape).
10GR/Ta/H	MG1100 (ADO16 shape).
10GRB/Ta/H	MG1100 & Wolseley 1100 (ADO16).
10V/Ta/H	Vanden Plas 1100 (ADO16 shape).

### 997 Cooper

9F/Sa/H101	To 2637 except 19201 To 20410 (became 1070S).
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### 998 Cooper (January 1964 On)

9FA/Sa/H	MkI Austin pre closed circuit breathing.
9FD/Sa/H	MkI Morris up to engine number 1934, all Austin MkII closed circuit breathing and

9FD/Xe/H	Morris MkII from engine number 1935-33660 with closed circuit breathing.
99/-/H	4 synchro gearbox introduced. Last of manufacture 1969.

## Cooper S Variants

### 970cc

9F/Sa/X	Engine numbers 29001-29003 with Tecalmit filter.
9FD/Sa/X	Closed circuit breathing introduced with Tecalmit filter.
9FE/Sa/X	Closed circuit breathing, oil filter with oil light switch introduced.
9F/Sa/X	Engine numbers 29039-30029 Purolator oil filter with oil light switch and closed circuit breathing.

### 1070cc

9F/Sa/H	Engine numbers 26501 To 33660 and 19201 To 20410.
9FD/Sa/H	Engine numbers 33661 To 33948 with closed circuit breathing and oil light switch in oil filter head.

### 1275cc

9F/Sa/Y	Engine numbers 31001 To 31504 pre closed circuit breathing with Purolator oil filter.
9FD/Sa/Y	Closed circuit breathing with oil light switch on filter housing after engine no.32178.
9FE/Sa/Y	Closed circuit breathing with oil light switch on Purolator filter housing and piston design change.
9F/Sa/Y	From engine number 32378 onwards, closed circuit breathing with Purolator filter with oil light switch, Aeg510 camshaft introduced at engine number 40006, cross-drilled EN40B crank at engine number 42730 and metal dipstick tube at engine number 42548 onwards.
12H397	Cooper S MkIII with dynamo, negative earth and Tuftrided EN16T crankshaft.
12H398	Cooper S MkIII with alternator, negative earth and Tuftrided EN16T crankshaft.

Note: Only Cooper S engines with prefix '9F' had EN40B forged steel, nitrided crankshafts. All other A-series engines had EN16T steel crankshafts which were only Tuftrided on MkIII 'S' and Austin 1300GT (ADO16) and were stamped 12G1683.

### 1275cc Solid Wall Block (No Tappet Chest Covers)

12G/Ta/H	ADO17 shape Wolseley, Riley, MG & Vanden Plas fitted with S rods.
12H379	1275GT with dynamo, negative earth, electric fuel pump and remote gearbox.
12H380	1275GT with alternator, negative earth, electric fuel pump and remote gearbox.
12H389	1275GT with dynamo, negative earth, mech. fuel pump and remote gearbox.
12H390	1275GT with alternator, negative earth, mech. fuel pump & remote gearbox.
12H706	1275GT with alternator, negative earth, mech. fuel pump & rod change gearbox.
12H397	Cooper S MkIII with dynamo and negative earth.
12H398	Cooper S MkIII with alternator and negative earth.
12H/-/	1275 Austin ADO16 & Allegro.
12H610/635	Innocenti Mini with duplex cam drive gears and 11-stud head.
12H719/832	Innocenti Mini with simplex cam drive gears and 11-stud head.



### 1275cc 1990 Onwards (12A Numbers)

12A/2A	Carburettor type.
12A/2B	Carburettor and catalyst type.
12A/2D	Spi (Single Point injection - Tbi, throttle body injection) with 9.4-1 CR.
12A/E	Spi (Tbi - throttle body injection) with 10-1 CR.

#### With the following suffixes:

F53	10.0-1CR, 3.105 final drive, catalyst, oil cooler.
F75	9.4-1CR, spi, 3.105 final drive, closed loop catalyst.
F76	9.4-1CR, automatic with closed loop catalyst.
F77	10.0-1CR, spi Cooper, 3.2 final drive, closed loop catalyst.
G01	10.0-1CR, 3.105 final drive, catalyst, no oil cooler.
G03	9.4-1CR, 3.105 final drive, catalyst, (May 1992-On).
G04	9.4CR, 2.76 final drive, catalyst, French only spec.
G05	9.4-1CR, automatic with catalyst.

Factory Replacement Engine Reference Numbers  
(i.e. New, Gold Seal Units)

8G28	850cc - Oil feed to primary gear type crank with 1.375-inch tail shaft.
8G35	850cc - Deva bush conversion type crankshaft with 1.375-inch tail shaft.
8G45	850cc - Gold Seal, 1.5-inch self oiling primary gear/crankshaft type.
GSE1101E	850cc - Gold Seal unit.
RKM1101E	850cc - Silver Seal unit.
BHM1307E	850cc - Gold Seal unit, 85H prefix replacement.
8G18	997cc Cooper - Oil feed to primary gear type crankshaft.
8G29	997cc Cooper - Deva bush type primary gear and crankshaft.
8G36	997cc Cooper - Oil feed converted primary gear and crankshaft.
8G33	998cc Cooper - Fitted with 28G193 (12G202) cylinder head.
8G40	998cc Cooper - 28G222 (12G295) cylinder head introduced.
8G42	998cc Cooper - Closed circuit breathing rocker cover and side plates.
8G49	998cc Cooper - Purolator oil filter with oil light switch introduced.
GSE1103E	998cc Cooper - Gold Seal unit, was RKM1120E Silver Seal.
RKM1103E	998cc Cooper - Silver Seal unit.
8G57	998cc - New from 1969 and exchange for all pre-A+ To 1981.
GSE1102E	998cc - Gold Seal unit, was RKM1119E Silver Seal unit, pre-A+ To 1981.
RKM1119E	998cc - Silver Seal unit, replaced by RKM1102E, pre-A+ To 1981.
BHM1232	998cc - Low compression dished piston, CAM6267 camshaft, early cylinder head and crankshaft main bearings with side locator tag, A+.
BHM1377	998cc - High compression flat top piston, CAM4717 camshaft, early cylinder head and crankshaft main bearings with side locator tag, A+.
BHM1458	998cc - Low compression piston, CAM6267 camshaft, late A+ cylinder head and crankshaft main bearings with central locator tag, A+.
BHM1460	998cc - High compression press-fit wrist pin piston, CAM4717 camshaft, late A+ cylinder head and crankshaft main bearings with central locator tag, A+.
LBB10089	998cc - Low compression press-fit wrist pin piston, CAM6267 camshaft, lead free late A+ cylinder head and crankshaft main bearings with central locator tag, A+.
8G156E	1100cc - Clubman, Special and Austin 1100 (ADO16).
RKM1150E	1100cc - Silver Seal unit for Clubman and Special.
RKM1151E	1100cc - Silver Seal unit for Clubman and Special.
BHM1042	1100cc - New and Gold Seal units for Clubman and Special, 1974-80.
BHM1229	1100cc - New & Gold Seal units for Clubman & Special, A+ Block, 1980-On.
8G38	970cc - Gold Seal unit, pre closed circuit breathing, Cooper S.
8G41	970cc - Gold Seal unit with closed circuit breathing side plates, Cooper S.
8G46	970cc - Gold Seal unit with oil light switch in filter housing, Cooper S.
8G133	1070cc - Gold Seal unit, pre closed circuit breathing, Cooper S.
8G153	1070cc - Gold Seal unit with closed circuit breathing side plates, Cooper S.
8G145	1275cc - Pre closed circuit breathing unit, Cooper S.
8G154	1275cc - Closed circuit breathing side plates unit, Cooper S.
8G155	1275cc - Oil filter housing with oil pressure light switch, Cooper S.
8G174	1275cc - Fitted with AEG510 camshaft, Cooper S.
38G464	1275cc - Introduced in 1970, most were fitted with EN16 Tuftrided crankshaft.
8G200	1275cc - New and Gold Seal units Clubman 1275GT.
38G527	1275cc - New and Gold Seal units for engine numbers prefixed 12H706, 12H707 and 12H831 for Clubman 1275GT.
RKM1130E	1275cc - Silver seal unit, was RKM1112E, for Clubman 1275GT, pre-A+.
RKM1152E	1275cc - Silver Seal unit for Clubman 1275GT, pre-A+.
RKM1112E	1275cc - Silver Seal unit for Clubman 1275GT, pre-A+.
BHM1220	1275cc - A+ unit for Clubman 1275GT.

8G199E	1275cc - Gold Seal unit with Duplex cam drive gears for 1300GT (ADO16) and Innocenti 1300, 11-stud cylinder head.
38G559E	1275cc - Gold Seal unit with Simplex cam drive gears for engine numbers prefixed 12H719 and 12H832, for 1300GT (ADO16) and Innocenti 1300, 11-stud cylinder head.
GSE1109E	1275cc - Gold Seal unit for 1300GT (ADO16) and Innocenti 1300, 11-stud cylinder head.
RKM1133E	1275cc - Silver Seal unit for 1300GT (ADO16) and Innocenti 1300, 11-stud cylinder head.
BHM1209E	1275cc - Gold Seal unit, replaced all Innocenti 1300 engines from engine numbers prefixed 12H610, 12H635 and 12H832.

Note: All engines pre-fixed with 'GSE' or 'RKM' were of UNIPART origin when BL split it's parts organisation.

'E' at the end of a part number denotes it is a reconditioned, service unit only (basic engine assembly with no ancillaries).

'N' at the end of a part number denotes a brand new unit.

Standard Production Crankshaft Identification

Below is a list of crankshaft identification data by forging or stamped numbers - yes, contrary to what many say/express, all cranks are forged. None are cast. They wouldn't last 2 minutes in an engine if they were cast - they'd be way too brittle. The differences are in the material used, finish machining detail and any heat treatments applied.

It is by no means complete and utterly correct/infalible since Austin/Morris, British Leyland, Leyland Cars, Austin Rover, Rover, et al were seriously prone to not adhering to specifications and applications lists. But it is better than nothing at all!

22A62	850cc - Early type with oil feed for primary gear, 1.375" dia. tail.
22A63	850cc - Early type with oil feed for primary gear, 1.375" dia. tail.
22A298	850cc - Early type thin-nose crank, 1.375" dia. tail.
12A670	850cc - Later type with 1.5" dia. tail.
12A298	997cc - Original Cooper crank.
12A375	997cc - Cooper crank with oil feed hole for primary gear.
12A595	998cc - Early EN16T spec.
12A1451	998cc - Later, pre-A+ EN16T spec.
BHM1436	998cc - A+ spec, 1985-On (12A1451 forging).
12G82	1100cc - Standard across the board transverse A-series EN16T spec.
AEG330	970cc - EN40B forged, non-cross drilled.
AEG171	1071cc - EN40B forged, non-cross drilled.
AEG315	1275cc - Cooper S, EN40B forging, Nitrided, 1.625" dia. big ends, non-cross drilled.
AEG316	1275cc - Cooper S, EN40B forging, Nitrided, 1.625" dia. big ends, non-cross drilled.
AEG479	1275cc - Cooper S, EN40B forging, Nitrided, 1.625" dia. big ends, cross drilled.
AEG480	1275cc - Cooper S, EN40B forging, Nitrided, 1.625" dia. big ends, cross drilled.
AEG623	1275cc - Cooper S, EN16T forging, Tuftrided, 1.625" dia. big ends.
12G1287	1275cc - Non-S, EN16T with 1.625" dia. big ends.
12G1288	1275cc - Non-S, EN16T with 1.625" dia. big ends.
12G1505	1275cc - Non-S, EN16T with 1.75" dia. big ends.
12G1683	1275cc - 12G1505 forging, non-S, EN16T with 1.75" dia. big ends, Tuftrided.
CAM6232*	1275cc - Rolled-fillet radius on bearing journals, A+ with 1.75" dia. big ends.





\*Note: This crankshaft was used in all 1275cc, A+, transverse engines including the MG Metro Turbo. There are various unconfirmed opinions on the subject of whether the material was any different, or whether it was heat treated differently. It would appear that early Turbos had just the standard spec, EN16T, non-heat treated type fitted. Later examples certainly appear to have been heat-treated, probably an up-to-date, emissions-friendly version of 'Tuftriding' (a recognised ICI registered process) - possibly a forerunner to Nitro-Carburising. These crankshafts have a distinctly charcoal-grey/black finish - mostly detectable on the webs, water pump/alternator pulley end and in the rolled fillet radii. The later being fairly 'deep' and very even.

Compression ratio is hugely important to an engines performance, work out your compression ratio and the combustion chamber volume you need, make sure the head you are buying - especially if its of the shelf - has the right volume. David Vizards book 'Tuning the a series engine' has invaluable information in it concerning this.

Valve sizes are no guarantee of flow, just because it has big valves does not mean it flows big, take a valve out and look into the port, the guide should be bullet nosed, and is the seat unnecessarily wide, maybe a wide 'pre cut' to the seat? Are the seats cut accurately for height, run your fingers across inlet and exhaust differences - are they the same for all the chambers?

Look down into the ports, is there a raised section around the guide (a boss), all our heads have these removed for full flow is the finish consistent across all the ports, and not highly polished - a polished finish can actually reduce power due to fuel being drawn out of the air, due to surface tension.

Hold a suitable gasket up to the manifold and chamber faces, have the chambers and ports been accurately modified? Usually on cheaply modified heads the ports are flared out to meet the gasket giving the appearance but not performance.

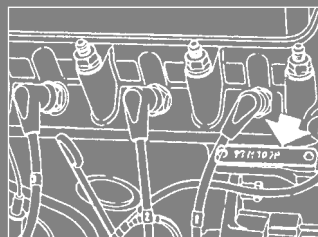
## Cylinder Head Casting Numbers

Number	Inlet Dia.	Exhaust Dia.	Nom. cc	Standard fitment
2A628	1.0625"/26.99	1.00"/25.4	24.5	850, 998 Mini & 948 Sprite
2A629	1.0625"/26.99	1.00"/25.4	24.5	948, A35 & Morris Minor
12A1456	1.0625"/26.99	1.00"/25.4	24.5	850, 998 Mini & 948 Sprite
12G202	1.156"/29.36	1.00"/25.4	26.1	997 Cooper, Austin 1100 Mk
CAM4180	1.0625"/26.99	1.00"/25.4	25.5	998 Mini A+ (80 on) & lead free
12G206	1.218"/30.93	1.00"/25.4	28.3	Early 998 Cooper, MG1100
12G295	1.218"/30.93	1.00"/25.4	28.3	998 Cooper, MG1100
12A185	1.401"/35.6	1.22"/31.0	21.4	First MkI Cooper S
AEG163	1.401"/35.6	1.22"/31.0	21.4	Later MkI & MkII Cooper S
12G940*	1.312"/33.33	1.15"/29.2	21.4	1275GT, Austin 1300, late A+ model inc. Turbo not MG Metro
12G940	1.401"/35.6	1.15"/29.2	21.4	12G1805 Stamped on flat area by thermostat MG1300, 1300GT & MkIII Cooper S
12G940*	1.401"/35.6	1.15"/29.2	21.4	as above plus MG Metro

\*Note: A+ head castings - despite having the same 12G940 casting number - are considerably different in appearance, losing the flat area behind the thermostat housing and around the rest of the rocker/head stud areas to a sculptured look - where these areas are replaced by a 'sunken' cast finish. The A+ castings were introduced with the appearance of the Metro in 1980, although some late 1275GTs 1979-On had them fitted. Generally they are easily recognised by their colour - a putrid yellow on the small-bore castings and bright red on the large-bore ones, a paint finish that is VERY difficult to remove, even in a chemical tank. The MG Metro Turbo shares the same valve sizes with the other non-'big valve' 12G940 variants but has 8mm valve stems, sodium-filled exhaust valves.

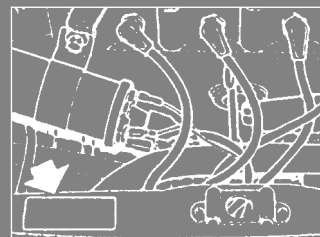
A+ heads generally have three collet grooves in the valves, collets are 14-degree cone taper instead of the 10-degree on single groove collets (so parts are not interchangeable) and the top-caps have a raised ridge around the collet hole.

## Car Identification



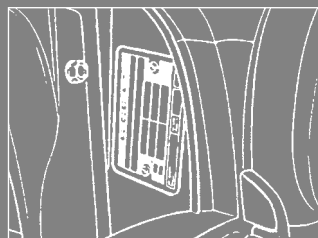
### Engine Numbers

The engine number is located immediately above the alternator.



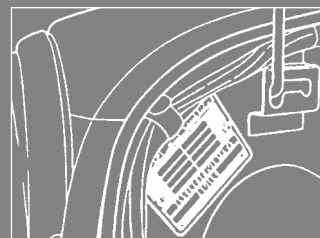
### Cars Produced Up To 1979

The commission number can be found on a red plate fitted to the bonnet slam panel.



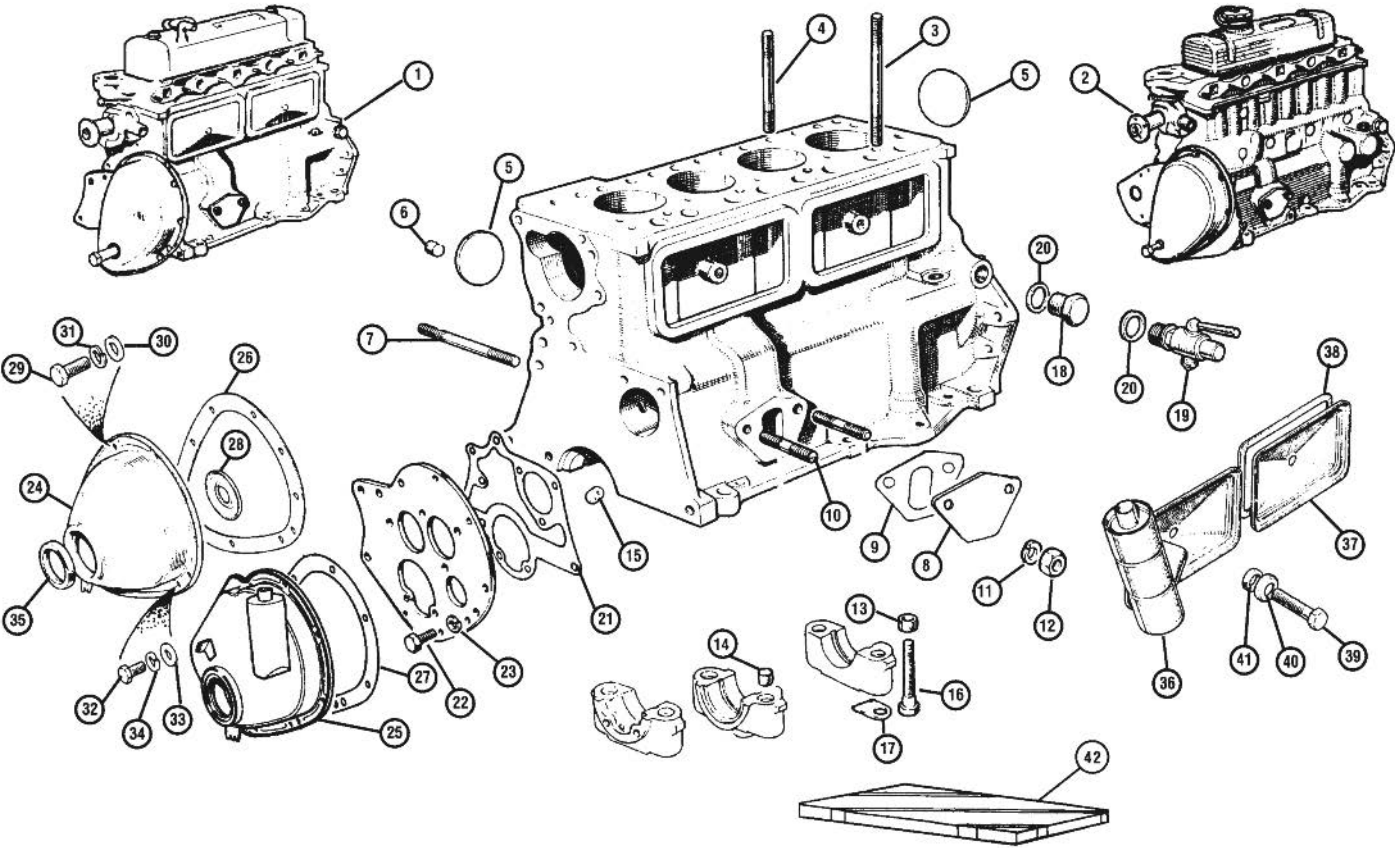
### Cars Produced Between 1980-84

In 1980 the use of the vehicle identification numbers was introduced. The V.I.N. plate is located on the left hand flitch, in front of the radiator.



### Cars Produced After 1984

The V.I.N. plate can be found fitted to the right hand flitch, near the bonnet prop locating bracket.



ill.	Part Number	Price £ea.	Description	Req.	Details
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Replacement Engines

1	8G57E	£1079.95	ENGINE, 998cc, rebuilt	1	pre A+
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Engine Units (Lead Free)

Abbreviations for replacement engines: HC = High Compression, LC = Low Compression

1	LBB10175E	£1122.95	ENGINE, 998cc, exchange	1	LC A+
	LBB10089E	£Call	ENGINE, 998cc, exchange	1	HC A+
2	LBB10399E	£Call	ENGINE, 1275cc, exchange	1	Cooper 1300cc & SE
	MT1101	£Call	ENGINE, 1293cc, exchange	1	A+
	MT1102	£Call	ENGINE, 1293cc, exchange	1	A series
	MT1103	£Call	ENGINE, 1380cc, exchange	1	A+
	MT1104	£Call	ENGINE, 1380cc, exchange	1	A series

Note: Old units must be clean and in a re-buildable condition. Old units will be checked before refunding any surcharge. If you wish to convert to lead free fuel, you will need to re-set the ignition timing.

Cylinder Block Components

3	CAM150	£3.65	STUD, cylinder head, long	4	
	AEG248	£10.45	BOLT, cylinder head	1	Cooper S only
4	CAM151	£2.70	STUD, cylinder head, short	5/4	qty. reduced with
					TAM1617
	TAM1617	£6.55	STUD, cylinder head	1	when coil bracket fitted
	TMG10864	£164.95	STUD KIT, competition	1	9 studs and nuts, (Kent Cams)
	MGS10864	£172.96	STUD KIT, competition	1	11 studs and nuts, (Kent Cams)
	AHT280	£69.95	STUD KIT, competition	1	11 studs and nuts EN24 Nickel Chrome Moly
5	2K8169	£0.73	CORE PLUG, (1 5/8")	4	pre A+ models
	AEC876	£1.55	CORE PLUG, (1 5/16")	5	all A+ models
	AEH592	£0.80	CORE PLUG, (1.647)	4	Cooper S
6	2K1345	£1.80	PLUG, oil release	2	To 1985
	TAM2009	£Call	PLUG, oil release	2	1985-On
7	CHS2613	£1.50	STUD, filter head to block	2	all 998cc models
	LYG10008	£2.70	SCREW, filter head to block	2	Cooper 1300cc
	BH605301	£1.40	BOLT, filter head to block	2	paper element
8	2A265	£3.85	BLANKING PLATE, fuel pump	1	when fitting electric
	2A265K	£6.16	BLANKING PLATE KIT, fuel pump	1	pump
			(Includes blanking plate, gasket & hardware).		
9	2A113	£0.47	GASKET, fuel pump/blanking plate*	1	
10	CHS2515	£0.95	STUD, fuel pump	2	
	SH505071	£0.25	BOLT, fuel pump/blanking plate	2	Cooper 1097cc
			(All models except vehicles prior to engine number 12a/15633. Also suitable for pre A+ engines if used with original type blanking plate).		
11	GHF332	£0.16	WASHER, locking	2	
12	GHF201	£0.10	NUT	2	
13	2A54	£Call	COLLAR, main cap location	6	all 998cc models
14	12G1268	£5.45	DOWEL, main cap	6	Cooper 1300cc
15	1A1964	£2.40	RESTRICTOR, camshaft oil feed	1	
16	12A1910	£Call	BOLT, main cap	6	all 998cc models
	12G1398	£1.94	BOLT, main cap	6	Cooper 1300cc
17	6K927	£0.85	LOCKTAB, main bearing	6	pre A+ 998cc only
	CMS1000	£8.26	MAIN STRAP, centre 1000	1	the main cap must be machined
			(Includes: longer high tensile bolts).		
	CMS1300	£8.26	MAIN STRAP, centre 1300	1	the main cap must be machined
			(Non S inc: longer high tensile bolts).		

Note: Centre main straps are used to help reduce flexing in the crank on modified engines.

18	53K2853	£5.26	PLUG, blanking	1	
19	3H576	£16.96	TAP, block draining	1	alternative to 53K2853
20	6K638	£0.22	WASHER	1	
21	12G619B	£1.13	GASKET, front plate*	1	without tensioner
	GUG705554GM	£1.50	GASKET, front plate	1	with tensioner
22	GHF120	£0.16	SCREW, front plate to main cap	2	998cc
	53K2016	£0.55	SCREW, front plate to main cap	2	Cooper 1300cc
	AEA687	£0.70	SCREW SET, front plate to main cap	2	when duplex fitted
23	GHF332	£0.16	WASHER, locking	2	998cc
	WE600041	£0.25	WASHER, locking	2	Cooper 1300cc
24	12G2506	£Call	TIMING COVER, pre tensioner	1	998cc pre A+
25	CAM4904	£88.96	TIMING COVER, pad type tensioner	1	
	CAM4868	£61.96	TIMING COVER, with breather	1	Cooper 1300cc
	LJR10168	£58.96	TIMING COVER, with breather	1	1991-On
26	12A956B	£0.95	GASKET, timing cover*	1	without tensioner
27	GUG705550GM	£1.36	GASKET, timing cover	1	with tensioner
28	12A1148	£2.26	OIL THROWER	1	

ill.	Part Number	Price £ea.	Description	Req.	Details
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29	SH604031	£0.74	SCREW, cover to front plate	6	
30	GHF300	£0.10	WASHER	6	
31	GHF331	£0.10	WASHER, locking	6	
32	GHF120	£0.16	SCREW, cover to block	5	
33	GHF301	£0.10	WASHER	5	
34	GHF332	£0.16	WASHER, locking	5	1991-On
35	88G561	£1.96	OIL SEAL, timing cover*	1	998cc model
	LUF10006	£6.85	OIL SEAL, timing cover	1	1300cc 1991-On
36	12A1212	£20.40	TAPPET COVER, with breather	1	
37	12A1386	£4.15	TAPPET COVER, no breather	1	early 1970's
38	GUG5505GM	£0.95	GASKET, tappet cover*	2	& 1991-On
39	BH605101	£0.50	BOLT, tappets cover	2	998cc models
40	12A1177	£0.90	CUP WASHER	2	
41	12A1176	£1.06	SEAL*	2	
	MRC1980A	£1.15	SEAL*	2	alternative to 12A1177 & 12A1176

\*Note: Gaskets and seals marked are included in the gasket sets shown below.

42	GUG1543CS	£37.96	GASKET SET, conversion	1	998cc pre A+
	GUG1543CSZ	£14.40	GASKET SET, conversion	1	998cc pre A+
	GUG1509CS	£21.85	GASKET SET, conversion	1	998cc A+
	GUG701615CS	£Call	GASKET SET, conversion	1	1275cc
	AJM206Z	£14.75	GASKET SET, conversion	1	1275cc
	GUG701619CS	£30.95	GASKET SET, conversion	1	Cooper 1300cc

Engine Paints

CCEP3A	£13.60	ENGINE PAINT, BMC green	1	spray can
CCEP3ABR	£15.95	ENGINE PAINT, BMC green	1	brush
CCEP4	£13.60	ENGINE PAINT, black	1	spray can
CCEP4BR	£15.95	ENGINE PAINT, black	1	brush
CCEP10	£13.60	ENGINE PAINT, red	1	spray can
CCEP10BR	£15.95	ENGINE PAINT, red	1	brush
CCEP11	£13.60	ENGINE PAINT, yellow	1	spray can
CCEP11BR	£15.95	ENGINE PAINT, yellow	1	brush

Engine & Gearbox Oils

Note: Please see our Restoration Tool catalogue or visit our website for our full range of oils and lubricants.

Millers Oils

Millers classic oil range has been specifically developed to protect and enhance the engines of classic vehicles. Millers classic lubricants utilise modern additive technology in period style viscosities to enable the classic vehicle owner to obtain the optimum lubrication for their car.

This Classic TransM 20W50 is a unique oil, formulated for power units where the engine and gearbox share the same oil. A mineral 20W50, containing EP (extreme pressure) additives to protect the gears and bearings in the gearbox. Can also be used in any gearbox where a 20W50 is specified.

GGL4002X	£12.35	TransM, 20W50	1	1 litre
GGL4001X	£40.96	TransM, 20W50	1	5 litre

Penrite Oils

Modern lubricants do not necessarily suit older vehicles, the oils are often too thin, and the additive packages suit today's advanced engineering and materials, not those used in the design and manufacture of your classic. Penrite oils are blended from high quality base stocks, combined with additives selected to give the best performance and reduced oil consumption whilst giving better oil pressure, increased engine protection and reducing the build up of sludge deposits.

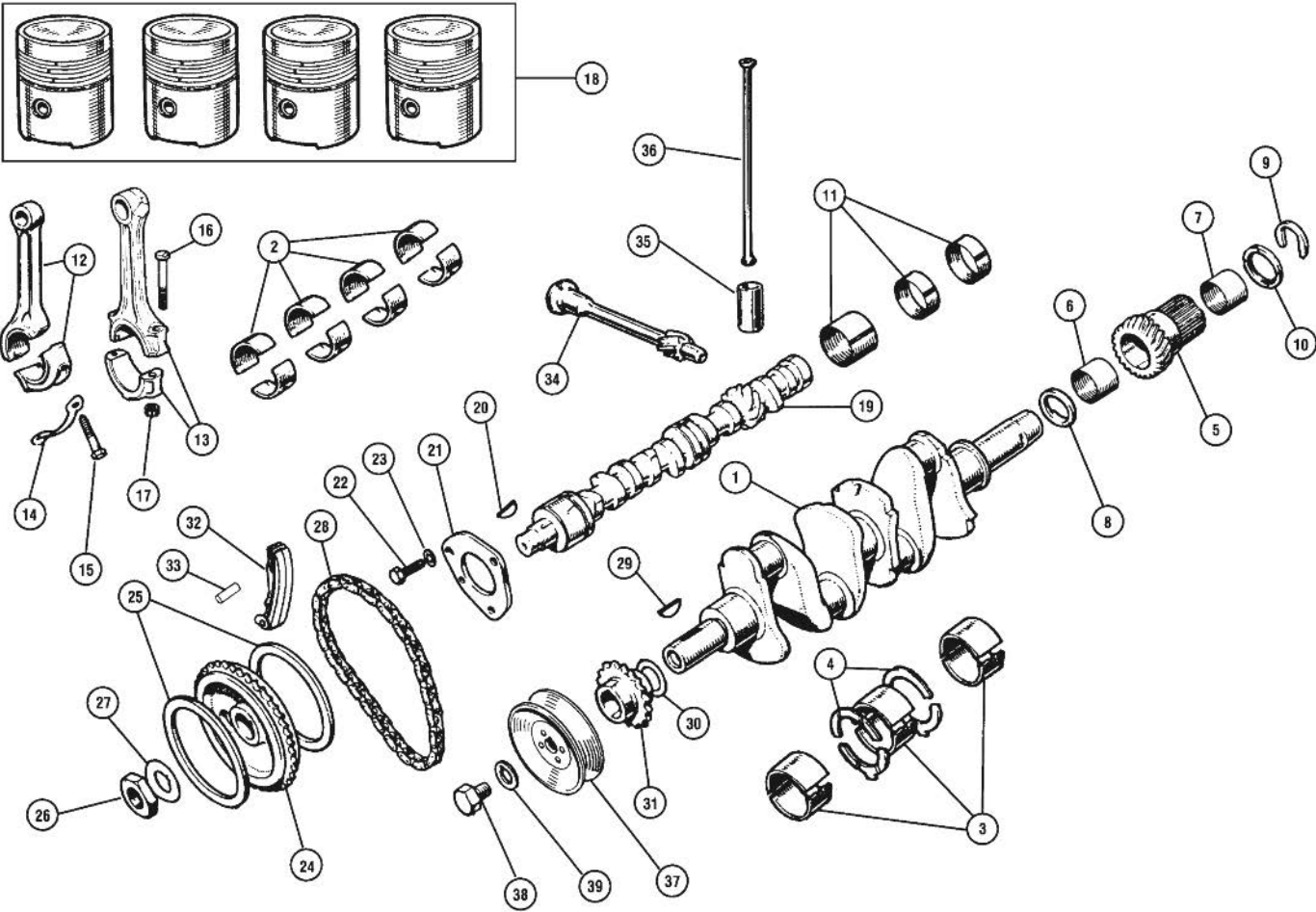
Penrite's philosophy of meeting and exceeding original requirements extends across their range of lubricants. Other lubricants and sizes from the Penrite range are available on our website.

Penrite running-in oil is designed to promote and control the bedding-in process of newly built engines. It should be used for the first 300 miles and then replaced with the appropriate grade of HPR oil.

GGL9015X	£Call	RUNNING-IN OIL	1	1 litre
GGL9014X	£29.35	RUNNING-IN OIL	1	5 litre

Penrite Classic (20w/50) engine oil is designed specifically for vehicles from the 1960's and 70's, this 20w/50 multi-grade standards. Like the original 20w/50's of the 1960's, classic 20w/50 is a full-bodied, hard-wearing oil giving excellent film strength under the heaviest loads.

GGL9044X	£24.14	CLASSIC ENGINE OIL, 20w50	1	5 litre
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ill.	Part Number	Price £ea.	Description	Req.	Details
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## Internal Engine Components

1	8G2733R	£259.96	CRANKSHAFT	1	998cc To 1984 inc: bearings
	BHM1436	£Call	CRANKSHAFT	1	998cc 1985-On
	12A1451	£Call	CRANKSHAFT	1	998cc
	CAM6232	£Call	CRANKSHAFT	1	Cooper 1300cc

Note: These crankshafts are also available on an exchange basis, they are supplied with bearings and thrust washers to the appropriate size.

2	8G2198	£17.70	BEARING SET, con rod, std	1	850cc
	8G2198/10	£17.70	BEARING SET, con rod, 0.010"	1	998cc & 1098cc
	8G2198/20	£17.70	BEARING SET, con rod, 0.020"	1	
	8G2198/30	£17.70	BEARING SET, con rod, 0.030"	1	
	8G2198/40	£17.70	BEARING SET, con rod, 0.040"	1	
	8G2553	£33.65	BEARING SET, con rod, std	1	Cooper 1300cc
	8G2553/10	£33.65	BEARING SET, con rod, 0.010"	1	
	8G2553/20	£33.65	BEARING SET, con rod, 0.020"	1	
	8G2553/30	£33.65	BEARING SET, con rod, 0.030"	1	
	8G2553/40	£Call	BEARING SET, con rod, 0.040"	1	
3	8G2332	£34.36	BEARING SET, main, std	1	998cc A and A + To 1984
	8G2332/10	£34.36	BEARING SET, main, 0.010"	1	locating lip on both halves
	8G2332/20	£34.36	BEARING SET, main, 0.020"	1	
	8G2332/30	£34.36	BEARING SET, main, 0.030"	1	
	8G2332/40	£16.66	BEARING SET, main, 0.040"	1	
	8G2391	£21.95	BEARING SET, main, std	1	1098-1275cc
	8G2391/10	£16.66	BEARING SET, main, 0.010"	1	GT 1969-80, locating
	8G2391/20	£16.66	BEARING SET, main, 0.020"	1	tabs on edge of
	8G2391/30	£16.66	BEARING SET, main, 0.030"	1	upper and lower
	8G2391/40	£16.66	BEARING SET, main, 0.040"	1	halves
	BHM1573	£54.20	BEARING SET, main, std	1	998cc A + 1984-On
	BHM1573/10	£Call	BEARING SET, main, (0.010")	1	these bearings
	BHM1573/20	£Call	BEARING SET, main, (0.020")	1	were used until the
	BHM1573/30	£Call	BEARING SET, main, (0.030")	1	introduction of
	BHM1573/40	£Call	BEARING SET, main, (0.040")	1	colour coding
	BHM1574	£34.36	BEARING SET, main, std	1	1275cc A + 1990-On,
	BHM1574/10	£34.36	BEARING SET, main, 0.010"	1	locating tabs on
	BHM1574/20	£34.36	BEARING SET, main, 0.020"	1	edge of upper half
	BHM1574/30	£34.36	BEARING SET, main, 0.030"	1	and centre of
	BHM1574/40	£Call	BEARING SET, main, 0.040"	1	lower half
	LEB10001CN	£Call	BEARING, upper/red	3	998cc (each)
	LEB10002CNX	£Call	BEARING, lower/red	3	engine No:
	LEB10001HE	£Call	BEARING, upper/green	3	99HD81/105361 On
	LEB10002HE	£Call	BEARING, lower/green	3	99HE20/111592 On
	LEB10001FM	£Call	BEARING, upper/yellow	3	99HE21/102215 On
	LEB10002FMK	£Call	BEARING, lower/yellow	3	99HE22/104631 On

	CDU4062	£Call	BEARING, upper/red	3	
	CDU4065	£Call	BEARING, lower/red	3	
	CDU4063	£12.14	BEARING, upper/green	3	
	CDU4063/10	£17.30	BEARING, upper/green (+0.010")	3	Cooper 1300cc (each)
	CDU4066	£7.40	BEARING, lower/green	3	
	CDU4066/10	£7.15	BEARING, lower/green (+0.010")	3	
	CDU4064	£Call	BEARING, upper/yellow	3	
	CDU4067	£Call	BEARING, lower/yellow	3	
4	BHM1292	£11.45	THRUST WASHER SET, (4), (std)	1	
	BHM1292/3	£14.26	THRUST WASHER SET, (4), (0.003")	1	all 998cc models
	BHM1292/10	£Call	THRUST WASHER SET, (4), (0.010")	1	
	BHM1292/30	£Call	THRUST WASHER SET, (4), (0.030")	1	
	BHM1293	£11.45	THRUST WASHER SET, (4), (std)	1	
	BHM1293/5	£11.45	THRUST WASHER SET, (4), (0.003")	1	Cooper 1300cc
	BHM1293/30	£Call	THRUST WASHER SET, (4), (0.030")	1	
5	22A1493	£62.95	PRIMARY GEAR, 24 teeth	1	998cc pre A+
	DAM8888	£Call	PRIMARY GEAR, 29 teeth	1	998cc A+
	22G1053	£122.95	PRIMARY GEAR, 24 teeth	1	1275cc pre A+
	DAM8890	£283.96	PRIMARY GEAR, 29 teeth	1	Cooper 1300cc
	CSTR122	£122.95	PRIMARY GEAR, 22 teeth	1	1275cc s/cut EVO (Use this straight cut gear with EVO idler CSTR30/A/T/TA and input CSTR230/240/250).
	CSTR123	£Call	PRIMARY GEAR, 23 teeth	1	1275cc s/cut EVO (Use this straight cut gear with EVO idler CSTR30/A/T/TA and input CSTR230/240/250).

Note: EVO drop gears are interchangeable to give different ratios. Easier than changing differential ratios.

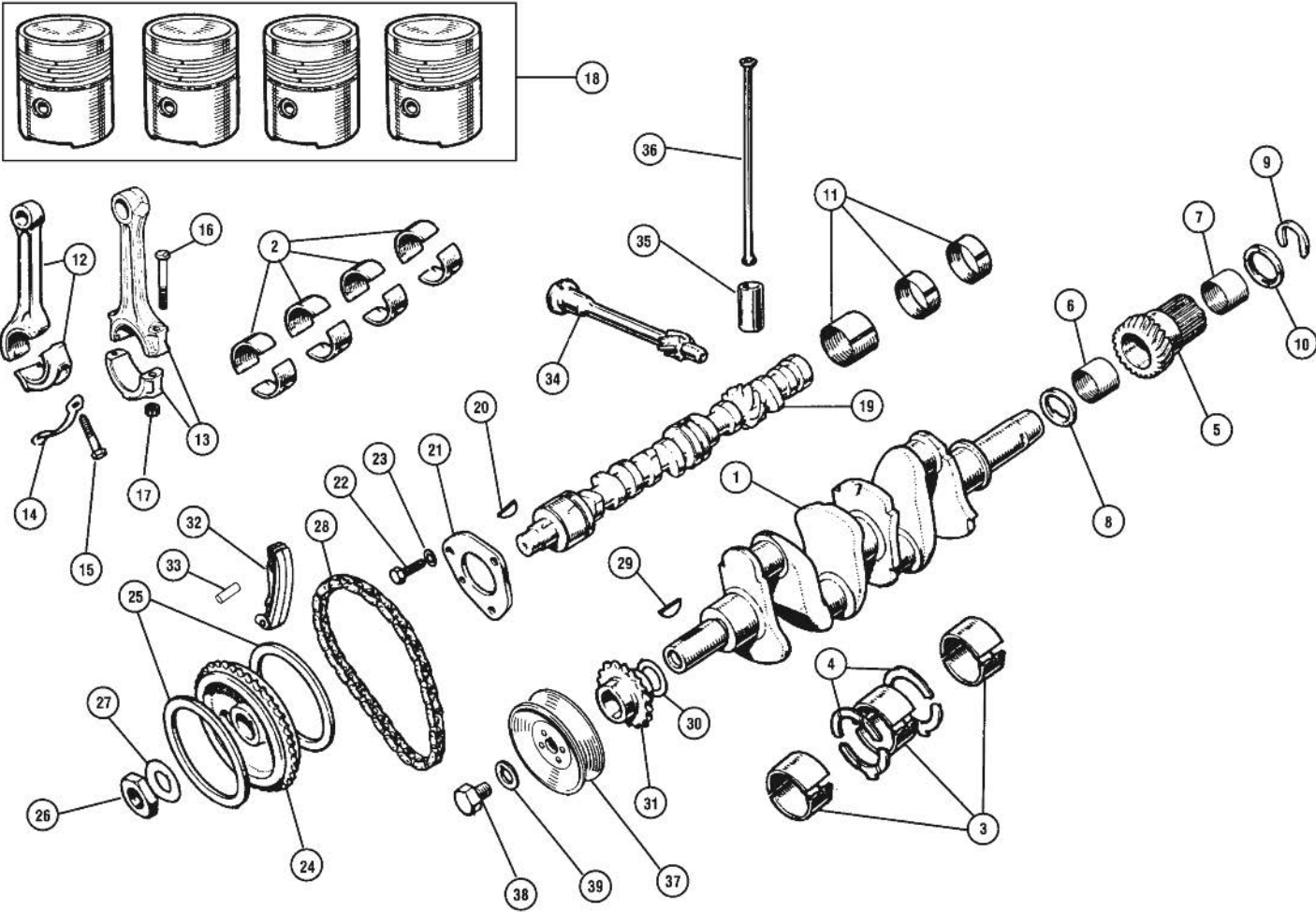
6	22G109	£11.11	BUSH REAR, primary gear	1	
7	DAM8887	£19.15	BUSH FRONT, primary gear	1	small bore
	DAM8889	£19.94	BUSH FRONT, primary gear	1	large bore
	DAM8889X	£Call	BUSH FRONT, primary gear	1	large bore floating
	MRAC104	£204.95	DROP GEARS S/C, straight cut set	1	1-1 ratio 1275cc A+
8	22A321	£15.25	THRUST WASHER, (0.110/0.112")	1	

	22A322	£Call	THRUST WASHER, (0.112/0.114")	1	
	22A323	£15.25	THRUST WASHER, (0.114/0.116")	1	all 998cc models
	22A324	£Call	THRUST WASHER, (0.116/0.118")	1	
	22A450	£Call	THRUST WASHER, (0.118/0.120")	1	
	DAM6490	£39.80	THRUST WASHER, (0.112/0.114")	1	
	DAM6486	£34.96	THRUST WASHER, (0.114/0.116")	1	
	DAM6487	£40.96	THRUST WASHER, (0.116/0.118")	1	Cooper 1300cc
	DAM6488	£Call	THRUST WASHER, (0.118/0.120")	1	
	DAM6489	£Call	THRUST WASHER, (0.120/0.122")	1	
9	22A319	£8.26	'C' CLIP, primary gear retainer	1	
10	88G549	£Call	THRUST WASHER, rear	1	
11	BHM1211	£21.95	BEARING SET, camshaft	1	all 998cc models
	BHM1210	£15.25	BEARING SET, camshaft	1	Cooper 1300cc
12	12G123	£46.90	CON ROD, numbers 2 & 4	2	998cc with 'floating'
	12G126	£46.90	CON ROD, numbers 1 & 3	2	gudgeon pin
	12A1997	£139.96	CON ROD, numbers 2 & 4	2	998cc A+ with 'press
	12A1999	£139.96	CON ROD, numbers 1 & 3	2	fit' gudgeon pin
13	BHM1137	£92.95	CON ROD, (set of 4)	1	Cooper 1300cc
	AEG624	£142.94	CON ROD, (single)	4	Cooper S 1.625 big ends
14	2A660	£1.06	LOCK TAB	4	pre 998cc A+
15	12G2217	£8.26	BOLT, big end	8	
	CAM6126	£3.35	BOLT, big end	8	998cc A+
	TMG10880	£Call	BOLT, big end, uprated	8	848-1098cc
16	LFH10006	£5.54	BOLT, big end	8	Cooper 1300cc
	MG510880	£116.95	BOLT, big end uprated (Car set supplied with nuts)	1	Cooper S 1275cc 12G engine
	TMG10781	£117.95	BOLT, big end uprated (Car set supplied with nuts)	1	Pre A+ 1275cc 12H engine
17	13H5872	£1.85	NUT, big end bolt	8	Cooper 1300cc
	AEG147	£2.15	NUT, big end bolt	8	Cooper S 1071cc & 1275cc
18	CPS1009	£Call	PISTON SET, (8.3:1 CR)	1	998cc, 4 ring,
	CPS1008	£Call	PISTON SET, (10.3:1 CR)	1	circlip pin
	CPS1011	£Call	PISTON SET, (8.3:1 CR), dishd	1	998cc, 3 ring
	CPS1010	£Call	PISTON SET, (10.3:1 CR), flat	1	circlip pin
	CPS1012	£Call	PISTON SET, (10.3:1 CR), flat	1	998cc, 3 ring
	CPS1012/20	£263.95	PISTON SET, +20 (10.3:1 CR), flat	1	998cc, 3 ring +20
	CPS1013	£Call	PISTON SET, (8.3:1 CR), dishd	1	press fit pin
	CPS1314	£Call	PISTON SET, (10.1:1 CR)	1	Cooper 1300cc
	CAJJ3382/20	£69.95	PISTON, flat top +20	4	1275cc (each)
	CAJJ3382/40	£69.95	PISTON, flat top +40	4	1275cc (each)
	CAJJ3382/60	£69.95	PISTON, flat top +60	4	1275cc (each)
	CAJJ3378/20	£69.95	PISTON, 6.5 dish +20	4	1275cc (each)
	CAJJ3378/40	£69.95	PISTON, 6.5 dish +40	4	1275cc (each)
	CAJJ3378/60	£69.95	PISTON, 6.5 dish +60	4	1275cc (each)
	CAJJ3379/20	£69.95	RING SET, +20	1	for 3382/3378 +20
	CAJJ3379/40	£Call	RING SET, +40	1	for 3382/3378 +40
	CAJJ3379/60	£Call	RING SET, +60	1	for 3382/3378 +60

Note: Pistons are only available in sets of 4. Oversize pistons are also available. Find the standard size part number listed above in the price guide and you will find all sizes & prices. Due to the variance in piston manufacturers we do not supply piston rings.

## Camshafts

19	AEA630E	£102.95	CAMSHAFT, pin drive	1	998cc pre A+
	CAM6267	£Call	CAMSHAFT, slot drive (Engine codes: 99H/B83P/B85P/D83P/E22).	1	998cc A+
	CAM4717	£Call	CAMSHAFT, slot drive (Engine codes: 99H/B81P/B82P/D80P/D81P).	1	998cc A+
	CAM6648	£Call	CAMSHAFT, slot drive	1	Cooper 1300cc
	KMD266S	£126.95	CAMSHAFT, fast road, star drive	1	smooth idle in 1275cc+
	KMD276S	£126.95	CAMSHAFT, road/rally, star drive	1	slightly lumpy idle in 1275cc (Very good street cam).
	KMD286S	£106.96	CAMSHAFT, rally, star drive	1	slightly lumpy idle in 1275cc (Max street cam).
	KMD296S	£102.95	CAMSHAFT, race, star drive	1	1380cc+
	KMD310S	£Call	CAMSHAFT, full race, star drive	1	lumpy idle in 1380cc
	KMD266KS	£Call	CAMSHAFT KIT, fast road, star drive	1	smooth idle in 1275cc+
	KMD266M	£115.96	CAMSHAFT, fast road, slot drive	1	smooth idle in 1275cc+
	KMD276M	£208.96	CAMSHAFT, road/rally, slot drive	1	slightly lumpy idle in 1275cc (Very good street cam).
	KMD286M	£113.95	CAMSHAFT, rally, slot drive (Slot Metro drive).	1	slightly lumpy idle in 1275cc (Max street cam).





ill.	Part Number	Price £ea.	Description	Req.	Details
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**Internal Engine Components (Continued)**

	KMD296M	£82.96	CAMSHAFT, race, slot drive (Slot Metro drive).	1	1380cc+
	KMD266P	£113.95	CAMSHAFT, fast road, pin drive	1	smooth idle in 1275cc+
	KMD276P	£129.95	CAMSHAFT, road/rally, pin drive	1	slightly lumpy idle in 1275cc (Very good street cam).
	KMD286P	£113.95	CAMSHAFT, rally, pin drive	1	slightly lumpy idle in 1275cc (Max street cam).
	KMD296P	£71.95	CAMSHAFT, race, pin drive	1	1380cc+
	KMD286SPS	£173.95	CAMSHAFT, scatter, star drive	1	slightly lumpy idle in 1275cc (Max street cam).
	KMD296SPS	£Call	CAMSHAFT, scatter, star drive	1	1380cc+
	KMD310SPS	£Call	CAMSHAFT, scatter, star drive	1	lumpy idle in 1380cc
	KMD286SPM	£177.95	CAMSHAFT, scatter, metro drive	1	slightly lumpy idle in 1275cc (Max street cam).
	KMD296SPM	£178.96	CAMSHAFT, scatter, metro drive	1	1380cc+
	KMD310SPM	£Call	CAMSHAFT, scatter, metro drive	1	lumpy idle in 1380cc
20	WKN505	£0.60	KEY, cam gear locating	1	
	MGS108251	£7.25	KEY, cam gear locating	1	1° offset
	MGS108252	£8.95	KEY, cam gear locating	1	2° offset
	MGS108253	£8.95	KEY, cam gear locating	1	3° offset
	MGS108254	£8.95	KEY, cam gear locating	1	4° offset
	MGS108255	£9.25	KEY, cam gear locating	1	5° offset
	MGS108256	£8.95	KEY, cam gear locating	1	6° offset
	MGS108257	£8.95	KEY, cam gear locating	1	7° offset
	MGS108258	£8.95	KEY, cam gear locating	1	8° offset
	MGS108259	£7.25	KEY, cam gear locating	1	9° offset
			(These offset keys make getting the best out of your camshaft easier. Please see manufacturers data for correct timing figures).		

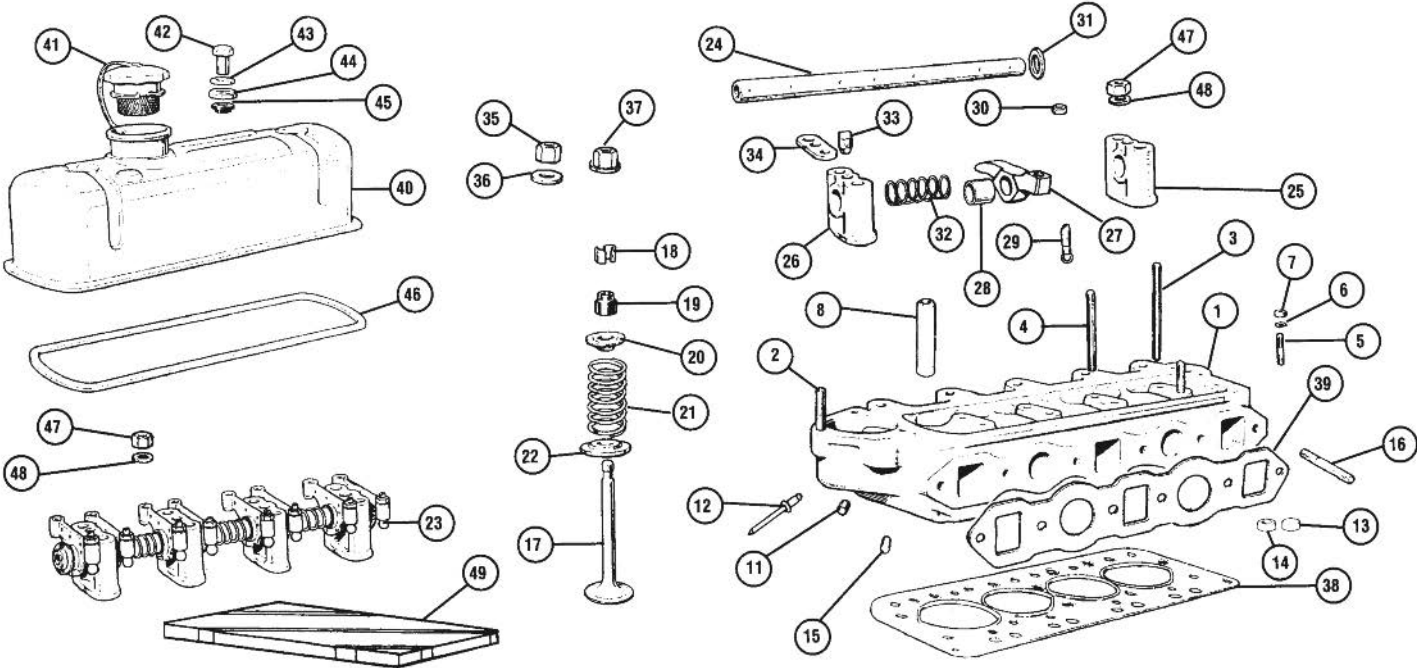
Note: When installing a new camshaft always use a cam lubricant to ensure the cam is protected on 1st start up. We recommend KEN2.

	KEN2	£6.65	CAM LUBE	1	cam assembly lubricant
21	AHU2379	£10.36	PLATE, camshaft locating	1	
22	GHF117	£0.16	SCREW, plate retaining	3	all 998cc models
23	GHF321	£0.10	WASHER, locking	3	
24	12G4337	£16.75	GEAR, camshaft	1	
	12G4337	£16.75	GEAR, camshaft	1	998cc A+ and Cooper 1300cc
	CAJJ3324	£39.95	DUPLEX KIT, cast lightened	1	fast road
	CAJJ3325	£Call	DUPLEX KIT, steel lightened	1	road/race
	TMG10828	£164.95	DUPLEX KIT, vernier adjustable	1	Kent Cams kit
	CAJJ3328	£268.94	DUPLEX KIT, adjustable belt	1	toothed belt kit, race
	BELTBELT	£26.95	BELT, replacement timing belt	1	used with CAJJ3328
25	8G549	£1.45	RING, tensioner rubber	1	use with 2A85

Note: Camshaft gear 2A85 is no longer available. If you require a new gear you must purchase the later type 12G4337, although it is possible to replace the rubber damper rings 8G549.

26	6K629	£2.70	NUT, camshaft	1	
27	2A759	£0.90	LOCK TAB, camshaft	1	
28	3H2127	£3.95	TIMING CHAIN, 'Simplex'	1	
	2H4905	£6.20	TIMING CHAIN, 'Duplex'	1	
	2H4905Z	£5.26	TIMING CHAIN, 'Duplex'	1	aftermarket
	2H4905UR	£27.95	TIMING CHAIN, 'Duplex'	1	high quality
29	6K836	£3.95	KEY, crank gear	1	
30	6K628	£Call	SHIM, crank gear	a/r	
31	8G725	£10.38	SPROCKET, crankshaft	1	
32	12G2621	£4.85	TENSIONER, timing chain	1	A+
33	12G2629	£Call	PIN, tensioner pivot	1	A+
34	12G4499	£41.95	SPINDLE, distributor drive	1	998cc pre A+
	12G3560	£Call	SPINDLE, distributor drive	1	998cc A+ and Cooper 1300cc
35	2A13	£2.20	CAM FOLLOWER	8	
	TMG10709	£6.46	CAM FOLLOWER, lightened	8	40 gram with oil drain hole
36	2A14	£7.96	PUSH ROD	8	all 998cc
	AEG314	£3.82	PUSH ROD	8	Cooper 1300cc
37	CAM6323	£40.96	PULLEY, crank, no damper	1	998cc pre A+
	AHU1878	£Call	PULLEY, crank, with damper	1	998cc A+ and Cooper 1300cc
38	AEA312	£9.50	BOLT, crankshaft pulley	1	998cc pre A+
	TAM2019	£10.45	BOLT, crankshaft pulley	1	998cc A+ and Cooper 1300cc
39	12A398	£0.65	LOCK TAB, crankshaft pulley	1	998cc pre A+
	TAM2020	£4.70	LOCK TAB, crankshaft pulley	1	998cc A+ and Cooper 1300cc

ill.	Part Number	Price £ea.	Description	Req.	Details
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ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Cylinder Head Components</b>					
1	TAM2168	£Call	CYLINDER HEAD, new, bare	1	998cc
	LDF10213	£Call	CYLINDER HEAD, new, bare	1	Cooper 1300cc lead free A+
	451-875	£878.95	CYLINDER HEAD, new, bare	1	alloy head casting with improved water jackets
	GCG1001A	£Call	CYLINDER HEAD ASSEMBLY, recon.	1	all 998cc
	GCG1007	£354.95	CYLINDER HEAD ASSEMBLY, recon.	1	all 998cc unleaded
	GCG1009	£354.95	CYLINDER HEAD ASSEMBLY, recon.	1	1275cc unleaded, with bypass
	GCG1009A	£253.96	CYLINDER HEAD ASSEMBLY, exch.	1	1275cc unleaded, no bypass
	TMG10803B	£667.94	CYLINDER HEAD ASSEMBLY, Stage 3	1	1275cc unleaded

ill.	Part Number	Price £ea.	Description	Req.	Details
	TMG10824B	£799.96	CYLINDER HEAD ASSEMBLY, Stage 4	1	1275cc
2	CHS2515	£0.95	STUD, thermostat housing	3	998cc models
	51K881	£2.54	STUD, thermostat housing	3	Cooper 1300cc
3	51K885	£4.75	STUD, rocker cover, (long)	2	
4	CHS2522	£0.80	STUD, rocker post, (short)	2	
5	53K402	£1.00	STUD, heater valve	2	
6	GHF331	£0.10	WASHER, locking	2	998cc models
7	GHF200	£0.10	NUT	2	
	TAM1368	£Call	SCREW, heater outlet	2	all models 1989-On
8	12G1111	£2.45	VALVE GUIDE	8	all models
	12G1963	£1.80	VALVE GUIDE, tapered nose	8	all models
	TMG10819	£47.95	VALVE GUIDE SET, bronze	1	for use with stainless steel valves
11	6K808	£Call	PLUG, brass, oil hole	1	998cc pre A+

ill.	Part Number	Price £ea.	Description	Req.	Details
12	RU612123	£Call	RIVET, oil hole	1	998cc A+
	CDU2601	£Call	RIVET, oil hole	1	
13	12G2092	£Call	PLUG, water hole	3	
14	AEA771	£4.66	PLUG, water hole	2	
15	12G3503	£1.66	PLUG, head cleaning	2	
16	FHS2512	£0.76	STUD, manifold	6	all models
	AMS1	£Call	STUD SET, manifold	1	stainless steel

## Valve Gear

### 998cc Models

17	CAM6391	£6.95	VALVE, inlet	4	99H353EH302624
	12G3034	£Call	VALVE, inlet	4	31mm 998cc
					Cooper and 1098cc
	12A1987	£6.85	VALVE, exhaust	4	99H353EL291101
18	88G459	£2.95	COTTER, valve cap retainer	16	99H353PH824
20	88G616	£2.56	CAP, valve	8	99H503RH19766
21	AEA311	£1.75	VALVE SPRING	8	
22	CAM6520	£Call	SHIM, valve spring	8	99H791P?* To
					538152

\*Note: Question mark indicates an unknown introduction point. NLA.

17	CAM6502	£Call	VALVE, inlet	4	99H791P538153
					On
	CAM6505	£Call	VALVE**, exhaust, lead free	4	99H997P/100/101
	CAM6503	£Call	VALVE, exhaust	4	99H998P/100101
19	ADU4905	£0.55	SEAL, valve guide	8	99HA53P100101 -
					110783
18	88G459	£2.95	COTTER	16	99HA941100101 -
					100997
20	88G617	£4.55	CAP, valve	8	99HA97100101 -
					100427
21	12G1015	£2.26	VALVE SPRING	8	

\*\*Note: Exhaust valve CAM6503 was only fitted on these engines: 99H791P 538153 on, and 99HA97P100101 to 100427.

17	TAM1062	£Call	VALVE, inlet	4	high flow 850cc -
					1098cc
	CAEG588	£Call	VALVE, inlet 31.7 mm	4	99HA539P 110784
					On
	TAM1770Z	£18.65	VALVE, exhaust	4	high flow 850cc -
					1098cc
	CAEG587	£Call	VALVE, exhaust 26.5 mm	4	high flow 850cc -
					1098cc
19	ADU4905	£0.55	SEAL, valve guide	8	99HA94P 100998
					On
18	CAM6975	£0.66	COTTER, valve cap retainer	16	99HA97P 100428
					On
20	AHU1897	£15.76	CAP, valve	8	+ for engine no
					codes; B83, B84
21	12G1015	£2.26	VALVE SPRING	8	B85, D83
21	AEA311	£1.75	VALVE SPRING	8	E22, G31

## Valve Gear

### Cooper 1300 Models

17	TAM1058	£Call	VALVE, inlet	4	33mm lead free
	CAM6669	£4.60	VALVE, inlet	4	35mm
	TAM1061	£42.85	VALVE, exhaust	4	
	TAM1061Z	£11.95	VALVE, exhaust	4	
	CAEG569	£24.95	VALVE, inlet 33.3 mm	4	high flow 1275cc
	CAEG544	£18.25	VALVE, inlet 35.6 mm	4	high flow 1275cc
	CAHT55	£Call	VALVE, inlet 37.2 mm	4	high flow 1275cc
	CAHT110	£Call	VALVE, inlet 37.7 mm	4	high flow 1275cc
	MST2021	£23.45	VALVE, inlet 35.6 mm	4	riflo comp 1275cc
	MST2022	£22.40	VALVE, inlet 36.57 mm	4	riflo comp 1275cc
	CAEG106	£14.15	VALVE, exhaust 29.4mm	4	high flow 1275cc
	CAEG107	£14.35	VALVE, exhaust 31.0 mm	4	high flow 1275cc
	MST2011	£23.95	VALVE, exhaust 29 mm	4	riflo comp 1275cc
	MST2012	£22.40	VALVE, exhaust 31 mm	4	riflo comp 1275cc
19	ADU4905	£0.55	SEAL, valve stem	8	
18	CAM6975	£0.66	COTTER	16	
	88G459	£2.95	COTTER	16	high flow valves
20	AHU1897	£15.76	CAP, valve	8	
	TMG10816	£13.20	TOP CAPS SET, alloy	8	half weight of steel
21	12G1015	£2.26	SPRING VALVE	8	
	TMG10807	£35.40	SPRING SET, dual spring set	1	road use
	TMG10808	£122.95	SPRING SET, dual spring set	1	race use

Note: Original rockers are now no longer available, they were either cast (2A533) or pressed steel

ill.	Part Number	Price £ea.	Description	Req.	Details
(2A964). They can be replaced by either a sintered steel rocker (CAM289) or forged rocker (12G1221). It is advisable to replace in sets due to the difference in weight when compared with the original rocker.					
23	12A1950K	£84.95	ROCKER ASSEMBLY, rebuilt	1	
	CAHT436	£173.95	ROCKER ASSEMBLY, high lift	1	1275cc EN16
					d/forge 1.5 ratio
	AHT437	£636.95	ROCKER ASSEMBLY, roller rockers	1	1275cc 1.3 ratio
	AHT438	£255.95	ROCKER ASSEMBLY, roller rockers	1	1275cc 1.5 ratio
	TMG10848	£669.95	ROCKER ASSEMBLY, roller rockers	1	1275cc 1.5 ratio
	AHT440	£678.95	ROCKER ASSEMBLY, roller rockers	1	850cc-1098cc
					1.5 ratio
24	12A1950	£21.95	ROCKER SHAFT	1	
	12A1950Z	£11.95	ROCKER SHAFT	1	aftermarket
	TMG10817	£26.95	ROCKER SHAFT	1	tufdrive shaft
25	12G1926	£7.40	POST, rocker, with oil feed	3	post nos. 1, 3 and 4
26	12G1927	£6.20	POST, rocker, tapped	1	post no 2
27	CAM289	£19.96	ARM, rocker, sintered	8	998cc A+ and
					Cooper 1300cc
	12G1221	£9.85	ARM, rocker, forged	8	not illustrated
			(Must be reamed to suit rocker shaft).		
28	2A21	£1.85	BUSH, rocker arm	8	
29	12A1215	£7.30	SCREW, adjusting	8	use with 2A964/
					2A533
	12H3376	£1.36	SCREW, adjusting	8	use with 12G1221
	12H3376	£1.36	SCREW, adjusting	8	use with CAM289
30	6K654	£0.95	NUT, adjuster locking	8	use with 2A964/
					2A533
	51K1178	£0.30	NUT, adjuster locking	8	use with 12G1221
					and CAM289
31	6K555	£0.85	SPACER WASHER	a/r	
32	6K556	£1.96	SPRING, rocker spacing	3	
	CAEG392	£15.46	SPACER SET ROCKER, solid	1	
33	2A258	£1.50	PEG, rocker shaft locating	1	
34	2A515	£Call	PLATE, rocker shaft peg locating	1	
35	51K1193	£0.95	NUT, cylinder head	9	pre A+ engines
36	12H2178	£0.25	WASHER, flat, hardened	9	
37	51K1193B	£1.66	NUT, cylinder head	9	A+ engines
38	GUG197HG	£8.95	GASKET, cylinder head	1	all 998cc
	GUG702560HG	£17.95	GASKET, cylinder head	1	1275cc and Metro
					turbo
	AHT188	£23.30	GASKET, cylinder head	1	copper composite
					competition
	CSTR1057	£96.95	GASKET, cylinder head*	1	group A turbo.

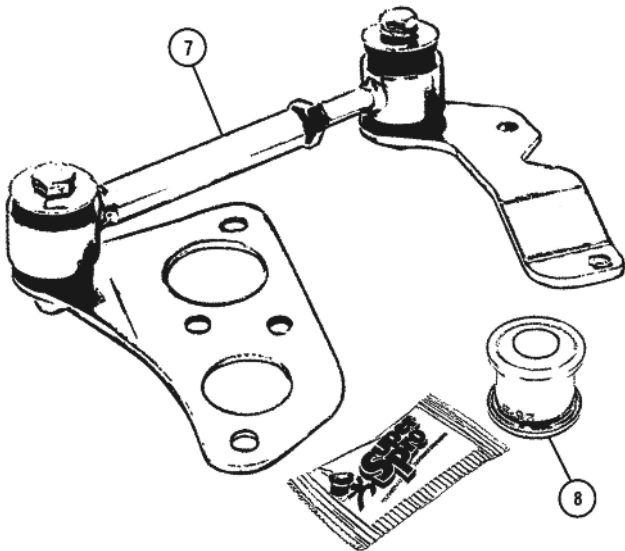
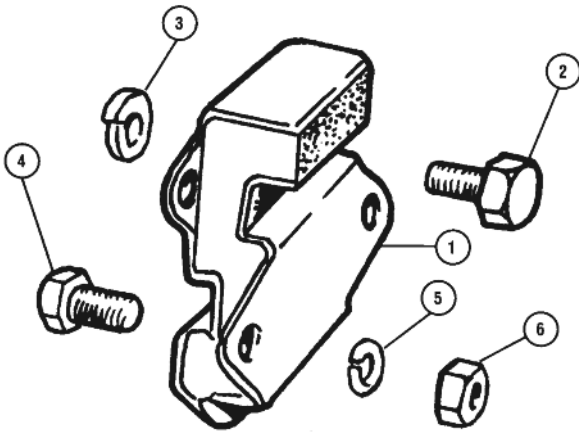
\*Note this gasket is only for a bore of 1275cc (2.780) +.040 (2.82). This gasket has an extra reinforced fire ring that requires machining the block to the following DATA:

Fire ring recess OD in block top	=	3.060
Fire ring recess depth in block top	=	0.027/0.029

39	AJM601	£1.70	GASKET, manifold to cylinder head	1	
	TMG10836	£3.95	GASKET, large bore tubular manifold	1	
40	LDR10074	£56.95	ROCKER COVER	1	pressed steel
	WPA9007X	£34.15	ROCKER COVER, alloy	1	ribbed
	GAC4068P	£22.50	ROCKER COVER, alloy	1	plain
41	GFE6003	£3.95	FILLER CAP	1	
	8G612CP	£5.99	FILLER CAP, chrome	1	for alloy rocker covers
	8G612	£7.06	FILLER CAP, matt steel	1	for alloy rocker covers
42	2A150	£1.90	NUT, rocker cover	2	all 998cc
	2A150CP	£2.95	NUT, CHROME, rocker cover	2	
	12H2557	£2.95	NUT, rocker cover, with stud	2	Cooper 1275cc
	WPA9029X	£8.74	NUT, knurled rocker nuts, pair	1	

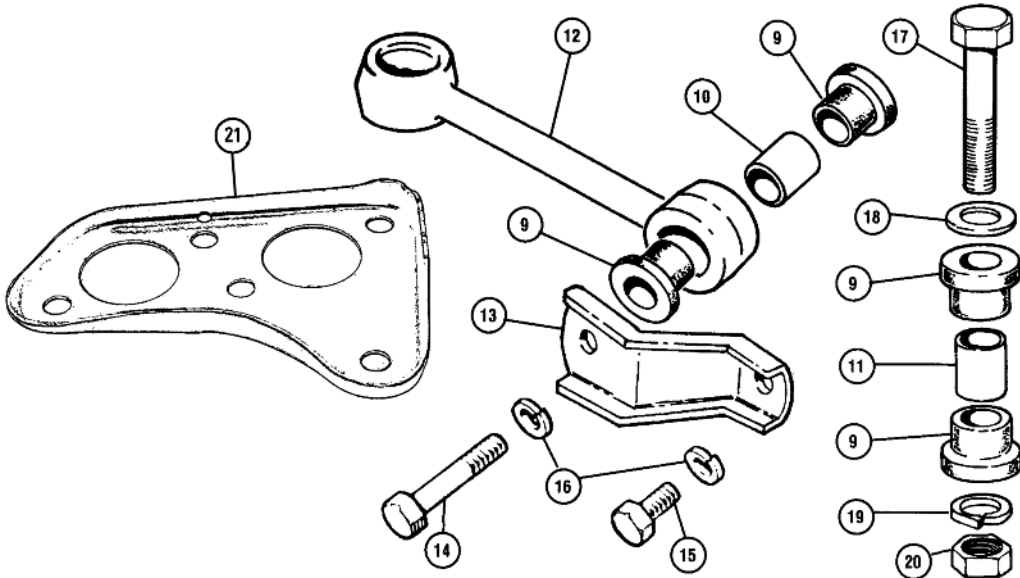
Note: Also see accessory section for rocker fasteners and caps.

43	1B2925	£0.95	SPACER	2	
	CAM6921	£1.36	SPACER CHROME	2	
44	1A2156	£0.65	CUP WASHER	2	
	12G679	£0.95	CUP WASHER CHROME	2	
45	12A1358	£0.35	GROMMET, rocker cover	2	
46	GUG705009VC	£1.06	GASKET, rocker cover	1	
	AJM417	£2.95	GASKET, rocker cover, 11 stud head	1	Cooper S notched
47	GHF201	£0.10	NUT, rocker pedestal	4	alternatives
	GHF222	£0.35	NUT, nylon, rocker pedestal	4	
48	GHF301	£0.10	WASHER, rocker pedestal	4	
49	AJM102	£12.95	GASKET SET, top end	1	998cc pre A+
	AJM102Z	£8.26	GASKET SET, top end, alternative	1	
	GUG701152HS	£29.95	GASKET SET, top end	1	998cc A+
	AJM1140	£18.95	GASKET SET, top end	1	1275cc
	AJM1140Z	£9.95	GASKET SET, top end, alternative	1	
	GUG1089HS	£29.95	GASKET SET, top end	1	Cooper 1300cc
	AJM1141X	£21.95	GASKET SET, top end	1	1300cc with AF460
					gasket
	GUG701113HS	£Call	GASKET SET, top end	1	injection head set



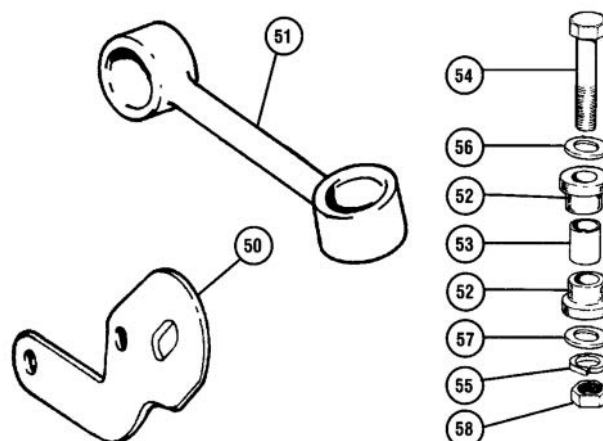
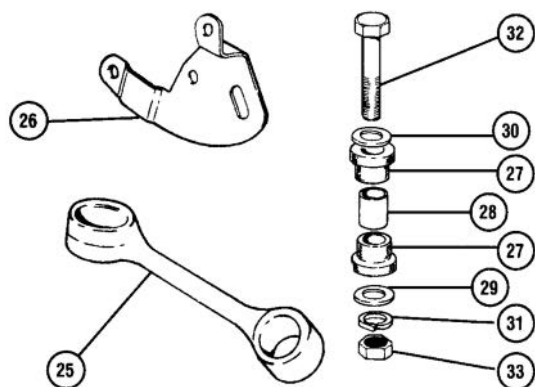
ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Engine Mountings</b>					
1	21A1902	£3.25	ENGINE MOUNT, manual only	2	
	21A1902X	£6.60	ENGINE MOUNT, easy fit	2	captive nuts easy fit
	21A1902P	£Call	ENGINE MOUNT, poly, split	2	two part type
	22A1018	£Call	ENGINE MOUNT, auto	2	left hand side
	22A917	£40.96	ENGINE MOUNT, auto	1	right hand side
2	SH605051	£0.30	SCREW, fine	3	mount to radiator bracket
	SH505061	£0.35	SCREW, coarse	3	engine mount to fly wheel
3	GHF332	£0.16	WASHER, locking	3	
4	GHF120	£0.16	SCREW, mounting to subframe	4	
5	GHF332	£0.16	WASHER, locking	4	
6	GHF201	£0.10	NUT	4	not required when using 21A1902X

ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Engine Stabiliser</b>					
<b>The ultimate engine steady kit</b>					
A common problem with Minis is their tendency to destroy engine mounts and steady bar bushes, leading to exhaust down pipe breakage. This is the best engine steady kit available. It mounts neatly on the top two bolts of the water pump and on to the bulkhead. It has an adjustable tie rod with rubber bushes, but can be uprated with one piece SuperPro bush. Suitable for all models including LHD cars.					
7	ABR024	£35.95	ENGINE STABILISER KIT	1	
8	CRC5329SP	£3.94	BUSH KIT, steady bar, poly	2	one piece bush



ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Top Engine Stabiliser</b>					
9	CRC5329	£0.95	BUSH, steady bar, rubber	4	standard
	CRC5329SP	£3.94	BUSH KIT, steady bar, poly	2	one piece bush
	C-STR630	£Call	BUSH KIT, steady bar, hard rubber	1	4 x bush, 1 x spacer
10	21A1108	£1.96	SLEEVE, spacer in bush	1	steady bar to block
11	21A1108	£1.96	SLEEVE, spacer in bush	1	steady bar to bulkhead
12	21A1109	£59.95	STEADY BAR	1	
	KAD3283	£60.95	STEADY BAR	1	alloy adjustable
13	21A2387	£18.95	BRACKET, steady bar to block	1	

ill.	Part Number	Price £ea.	Description	Req.	Details
14	BH505181	£0.65	BOLT, long, bracket to block	1	
15	SH505051	£0.30	SCREW, short, bracket to block	1	
16	GHF332	£0.16	WASHER, locking	2	
17	BH605151	£0.95	BOLT, steady bar to bulkhead	1	
18	GHF302	£0.18	WASHER, plain	1	
19	GHF333	£0.16	WASHER, locking	1	
20	GHF201	£0.10	NUT	1	
21	14A6733	£14.26	BRACKET, engine stabiliser	1	fits under brake & clutch master cylinder



ill. Part Number Price £ea. Description Req. Details

### Lower Near Side Rear Stabiliser

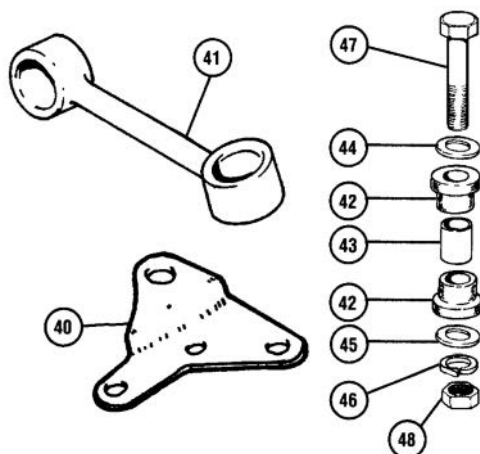
25	21A2569	£19.34	STEADY BAR	1	
26	21A2763	£6.20	BRACKET, gearbox	1	
27	CRC5329	£0.95	BUSH, steady bar*	4	
28	31G1085	£2.29	SLEEVE, spacer in bush*	2	
29	GHF302	£0.18	WASHER, plain	2	
30	PWZ306	£0.25	WASHER, plain*	2	
31	GHF333	£0.16	WASHER, locking*	2	
32	BH606181	£0.95	BOLT*	2	steady bar to bracket and sub-frame
33	GHF202	£0.10	NUT*	2	

ill. Part Number Price £ea. Description Req. Details

### Lower Off Side Front Stabiliser

50	KKU10080	£14.95	BRACKET, on clutch housing	1	998cc
51	KKU10080	£14.95	BRACKET, on clutch housing	1	1275cc
51	FAM2758	£24.95	STEADY BAR	1	998cc
	KKH10013	£Call	STEADY BAR	1	1275cc
52	CRC5329	£0.95	BUSH, steady bar*	4	
53	31G1085	£2.29	SLEEVE, spacer in bush*	2	
54	BH606181	£0.95	BOLT*	2	steady bar to bracket and sub-frame
55	GHF333	£0.16	WASHER, locking*	2	
56	PWZ306	£0.25	WASHER, large	1	
57	GHF302	£0.18	WASHER, plain	1	
58	GHF202	£0.10	NUT*	2	

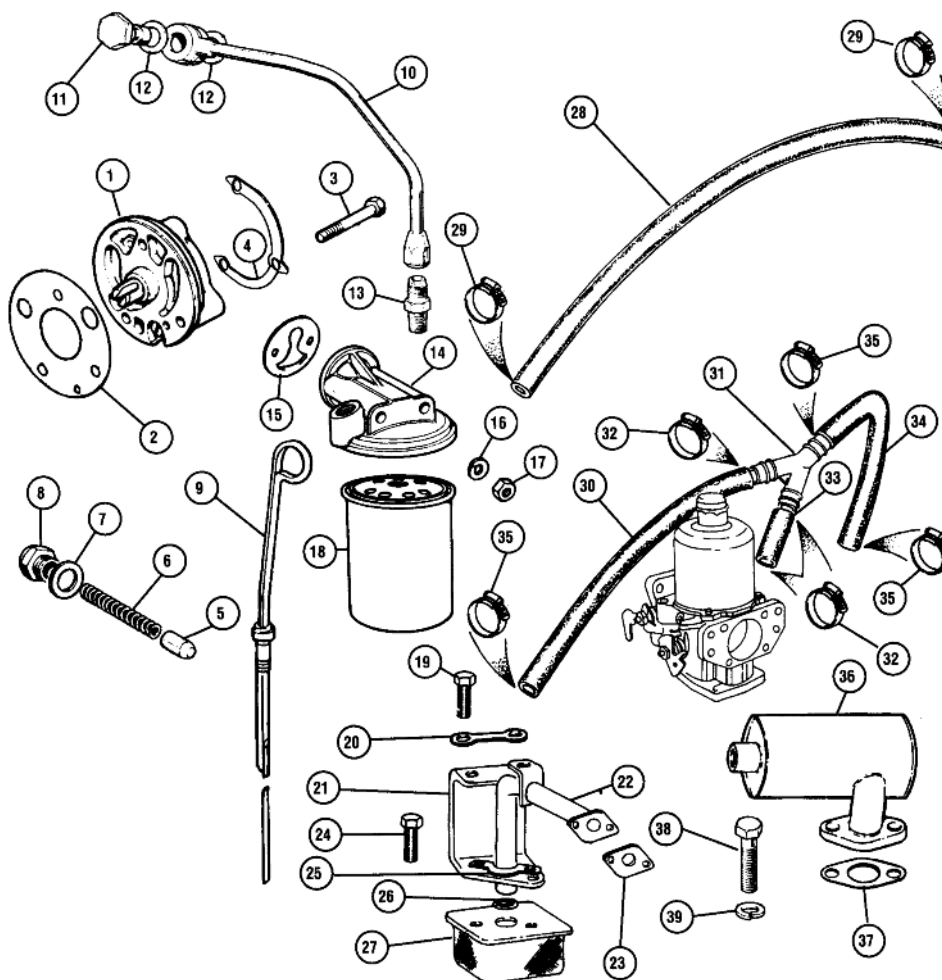
\*Note: These items are the same for both ends of the steady bar.



ill. Part Number Price £ea. Description Req. Details

### Lower Off Side Rear Stabiliser

40	21A2785	£6.78	BRACKET, on clutch housing	1	
41	21A2787	£20.80	STEADY BAR	1	
	21A2787K	£38.65	STEADY BAR KIT	1	
42	CRC5329	£0.95	BUSH, steady bar*	4	
43	31G1085	£2.29	SLEEVE, spacer in bush*	2	
44	PWZ306	£0.25	WASHER, large, plain*	3	
45	GHF302	£0.18	WASHER, plain*	2	
46	GHF333	£0.16	WASHER, locking*	2	
47	BH606181	£0.95	BOLT*	2	steady bar to bracket and sub-frame
48	GHF202	£0.10	NUT, Nyloc*	2	

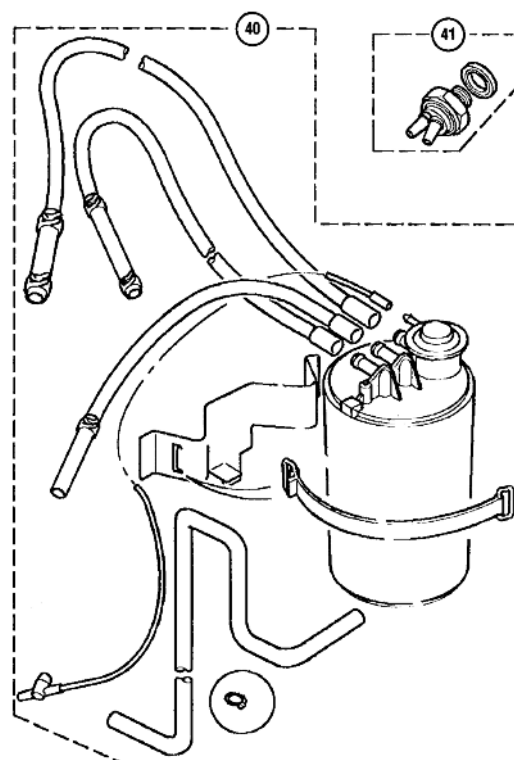
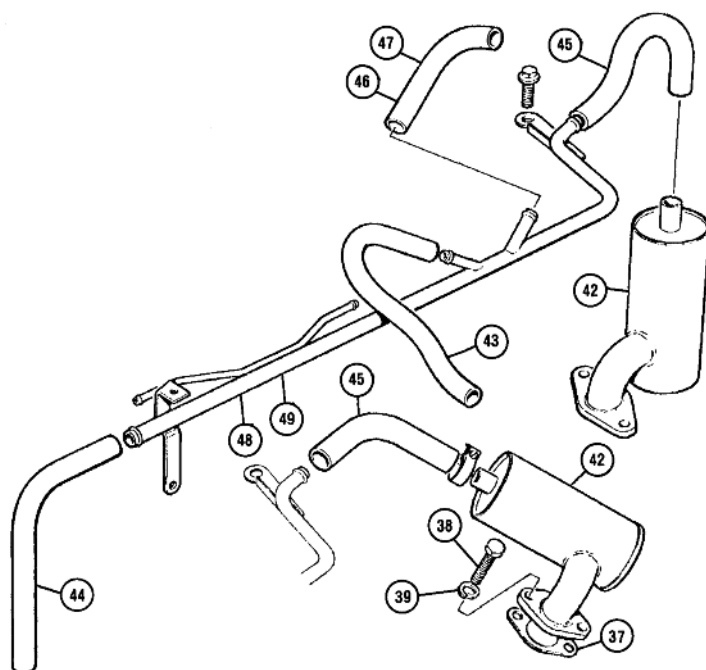
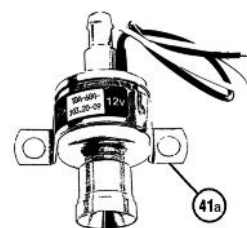
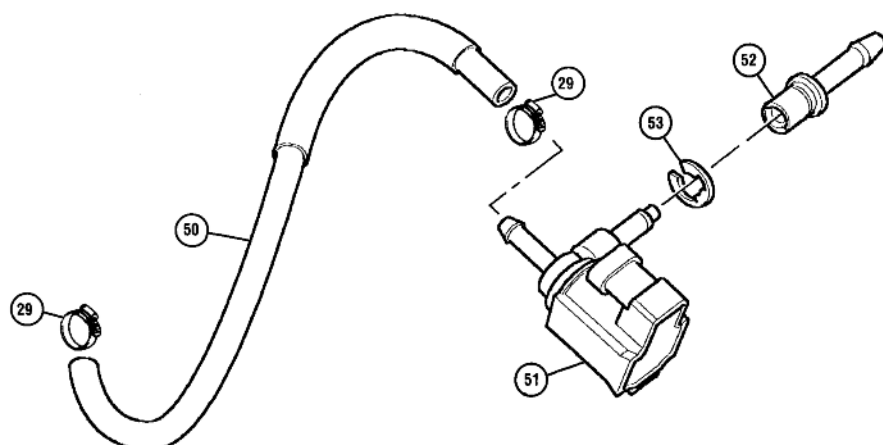


### Oil Control

ill.	Part Number	Price £ea.	Description	Req.	Details
1	GLP142Z	£23.95	OIL PUMP, pin drive	1	850-1098cc pre A+
	GLP141	£17.86	OIL PUMP, star drive	1	1275cc pre A+
	GLP139	£21.40	OIL PUMP, slot drive	1	998cc A+
	GLP138	£16.10	OIL PUMP, slot drive	1	1275cc A+
	GLP110X	£37.96	OIL PUMP, slot drive	1	turbo
2	GUG705560GM	£0.59	GASKET, oil pump	1	
3	BH604141	£0.70	BOLT, oil pump	3	998cc
	TAM1174	£0.55	BOLT, oil pump	4	1275cc A+
4	12G926	£1.75	LOCK WASHER, pin drive pumps	1	
5	12H865	£3.85	VALVE, oil release	1	
	12H865X	£1.98	VALVE BALL, oil release	1	no more sticking valves
6	6K853	£1.50	SPRING, oil valve	1	
	6K853C	£1.43	SPRING, oil valve	1	use with 12H865X
7	6K431B	£0.55	WASHER, copper	1	
8	12A1851	£2.45	CAP, oil pressure release valve	1	
9	12A116	£Call	DIPSTICK	1	pre A+
	LQM100380	£19.50	DIPSTICK	1	A+ without tube
	GAC8457X	£10.15	DIPSTICK, blue	1	A+
	GAC8458X	£10.15	DIPSTICK, red	1	A+
10	TAM2106	£Call	OIL PIPE, block to filter	1	Cooper, no oil cooler
	MT1501	£56.95	OIL PIPE, block to filter, braided	1	12a 1990-On
	MT9101	£Call	OIL PIPE, turbo oil feed	2	braided oil feed pipe
	OCHK100	£28.96	OIL PIPE KIT, rubber	1	oil cooler pipe kit To 1979
	OCHK102	£38.95	OIL PIPE KIT, stainless steel	1	oil cooler pipe kit To 1979
	OCHK103	£56.95	OIL PIPE KIT, rubber	1	oil cooler pipe kit 1979-84
	OCHK104	£64.96	OIL PIPE KIT, stainless steel	1	oil cooler pipe kit 1979-84

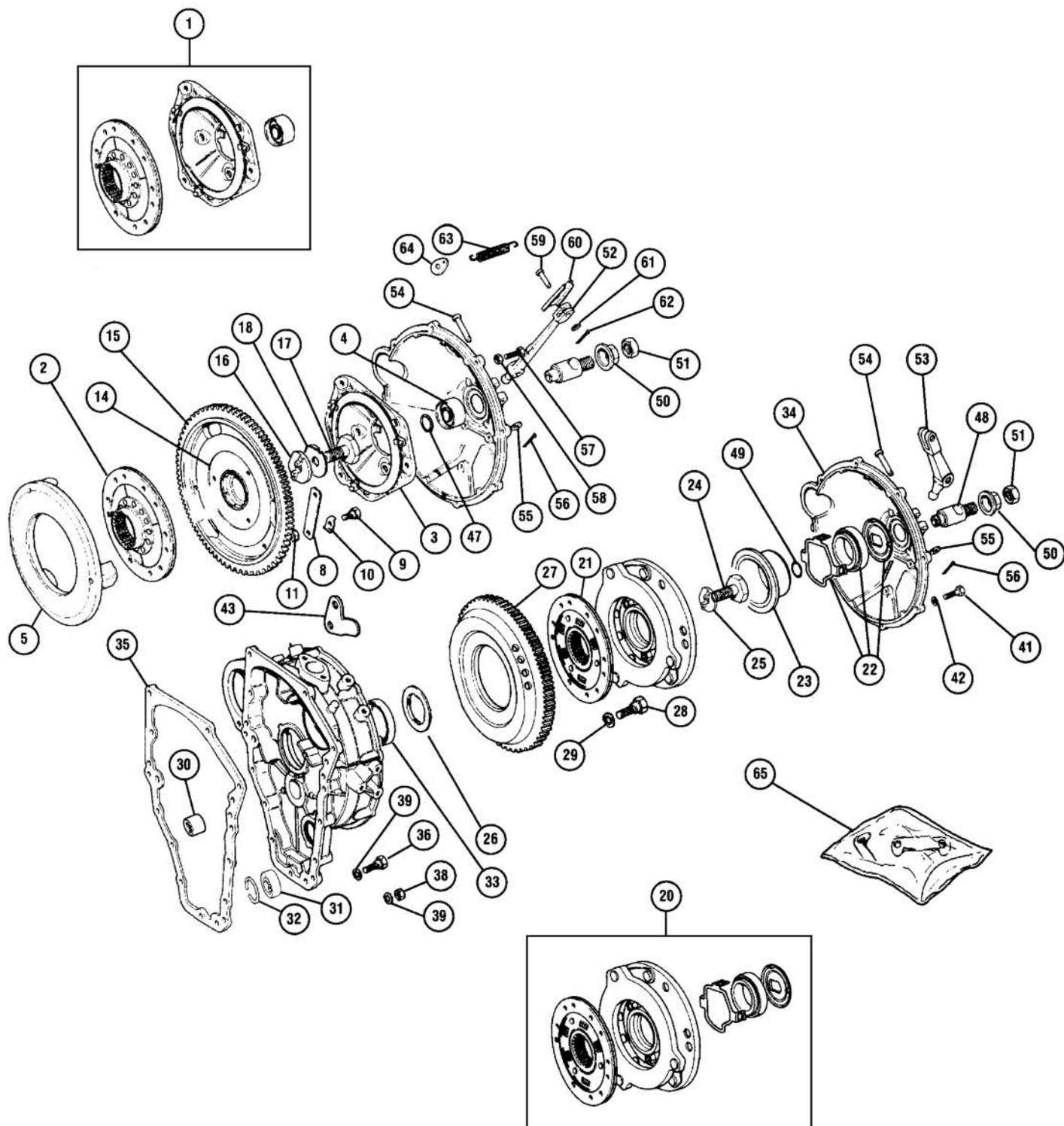
ill.	Part Number	Price £ea.	Description	Req.	Details
	OCHK105	£47.95	OIL PIPE KIT, rubber	1	oil cooler pipe kit 1985-On
	OCHK106	£53.95	OIL PIPE KIT, stainless steel	1	oil cooler pipe kit 1985-On
	OCHK101	£40.96	OIL PIPE KIT	1	oil cooler pipe kit Clubman
11	2A715	£37.96	BANJO BOLT, oil pipe to block	1	
12	AED172	£0.86	WASHER, sealing	2	
	LZB10017	£3.80	OLIVE SEAL	2	collapsible olive seal
			(For standard metal injection oil feed pipe).		
13	TAM2119	£Call	ADAPTOR, oil pipe to housing	1	
14	TAM2097	£20.40	HOUSING, filter head	1	
15	GUG705553GM	£1.15	GASKET, filter housing to block	1	
16	GHF333	£0.16	WASHER, locking	2	
17	GHF202	£0.10	NUT	2	
18	8G684	£9.95	OIL FILTER, felt element	1	early
	GFE103	£3.16	OIL FILTER, paper element	1	
	GFE104	£4.50	OIL FILTER, paper element	1	auto
	GFE166	£2.75	OIL FILTER, canister	1	all models
	LPW100180	£5.15	OIL FILTER, canister	1	mpi 1996-On
19	GHF101	£0.16	SCREW, bracket to gearbox case	2	
20	22A1365	£Call	LOCK TAB	1	
21	22A343	£Call	BRACKET, oil pipe support	1	
22	22G1150	£Call	PIPE, oil suction	1	
	GAC8448X	£33.95	PIPE, oil suction	1	
			(Central pick up required too ensure constant oil delivery under heavy cornering).		
23	22A542B	£1.40	GASKET, pipe to gearbox case	1	
24	SH604031	£0.74	SCREW, strainer to bracket	2	
25	22A388	£Call	LOCK TAB	1	
26	22A341	£Call	'O' RING	1	
27	22A335	£3.16	STRAINER, oil suction	1	





ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Breather Hose &amp; Fittings</b>					
<b>998cc Models</b>					
28	12A1735	£3.76	HOSE, breather, tappet	1	chest to carburettor
29	GHC11022	£1.80	CLIP, large, hose	1	to tappet chest
	GHC11020	£1.70	CLIP, small, hose	1	to carb
<b>Cooper 1275cc and SE Models</b>					
30	12A1735	£3.76	HOSE, breather	1	timing cover to 'Y' piece
31	12G2134	£2.56	'Y' PIECE	1	
32	GHC11020	£1.70	CLIP, hose	3	
33	LLH10056	£2.95	HOSE, breather	1	'Y' piece to carb.
34	LLH10057	£Call	HOSE, breather	1	'Y' piece to oil separator
35	GHC11022	£1.80	HOSE CLIP	1	
36	LLC10047	£29.40	OIL SEPARATOR	1	flywheel housing
37	GUG705551GM	£Call	GASKET, oil separator	1	
38	SH505061	£0.35	SCREW, oil separator	1	to flywheel housing
39	GHF332	£0.16	WASHER, locking	2	
	GHF201	£0.10	NUT	1	
	53K2171	£0.95	STUD, separator on housing	1	
40	WTB100760	£152.15	CANISTER CHARCOAL (Supplied with bracket assembly).	1	carburettor models
41	MAQ10008	£39.95	SWITCH, carburettor vacuum	1	thermostatic control
41a	ADU9535	£53.95	VALVE, anti run on	1	1275cc Cooper 1990-91

ill.	Part Number	Price £ea.	Description	Req.	Details
	UAM1600	£4.50	T PIECE, servo hose to valve	1	1275cc Cooper 1990-91
	GRH1006M	£6.20	HOSE, servo to valve 1m length	1	
<b>Injection Models</b>					
42	LLC10051	£Call	OIL SEPARATOR	1	auto and mpi
43	LLH10082	£2.95	HOSE, breather	1	metal rail to throttle body
44	LLH10132	£4.45	HOSE, breather	1	metal rail to timing cover
45	LLH10135	£Call	HOSE, breather	1	metal rail to clutch cover
46	LLH102240	£Call	HOSE, breather	1	metal rail to throttle body top inlet mpi
47	LLH101830	£5.26	HOSE, breather	1	metal rail to throttle body top inlet spi
48	LLP10026	£22.90	PIPE, metal (Metal supply pipe to hoses runs behind rocker cover box spi).	1	
49	LLP100300	£22.40	PIPE, metal (Metal supply pipe to hoses runs behind rocker cover box mpi).	1	
50	MAH10035	£8.65	HOSE	1	hose to purge valve
51	AUU1503	£189.95	PURGE VALVE	1	
52	JZV1223	£1.85	TUBE PLASTIC, purge valve	1	
53	JZV1224	£0.46	CLIP, purge valve tube	1	



ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Diaphragm Clutches</b>					
1	GCK100AF	£45.95	CLUTCH ASSEMBLY	1	] contains items 2, 3 and 4
2	GCP204AF	£17.30	CLUTCH PLATE	1	
	GCP596	£92.95	CLUTCH PLATE, road rally	1	
3	GCC103	£40.80	CLUTCH COVER, (diaphragm)	1	
	GCC481	£37.06	CLUTCH COVER, road rally	1	
	GCC482	£44.80	CLUTCH COVER, rally race	1	
4	GRB238	£7.40	RELEASE BEARING	1	
5	22A598	£Call	PRESSURE PLATE	1	
	CAHT230	£117.95	PRESSURE PLATE	1	lightweight 3.56lbs
6	2A3657	£2.45	SCREW	3	diaphragm to plate
7	GHF323	£0.10	WASHER, shake-proof	3	
8	2A3658	£6.40	STRAP, driving	6	] road use or 9 for race/rally
9	2A3659	£2.15	SCREW, strap to flywheel	3	
10	2A3512	£Call	LOCKTAB, for above	3	
11	GHF302	£0.18	WASHER	3	
14	12G3014	£Call	FLYWHEEL	1	
	CAEG619	£155.95	FLYWHEEL, steel	1	super light 8.38lbs (For 107 tooth ring gear with inertia starter motor).
	CAEG620	£Call	FLYWHEEL, steel	1	super light 8.38lbs (For 129 tooth ring gear with pre-engaged starter motor).
	CAEG420	£149.95	FLYWHEEL, steel	1	light weight 11lbs (For 129 tooth ring gear with pre-engaged starter motor).
15	12G676	£25.50	RING GEAR	1	wide type (Standard manual transmission 107 tooth).
	22G2613	£23.95	RING GEAR	1	thin type (As used on race fly wheels 107 tooth).
16	88G508	£9.14	KEY, flywheel to crankshaft	1	
17	22A747	£7.15	BOLT, flywheel	1	
18	22A1155	£2.40	LOCKTAB, flywheel bolt	1	

Verto Clutches

Note: Verto manufactured clutches were first used on the Metro range in 1983, to counter problems with clutch judder and reliability. They were built as an assembly and dynamically balanced to reduce these problems.

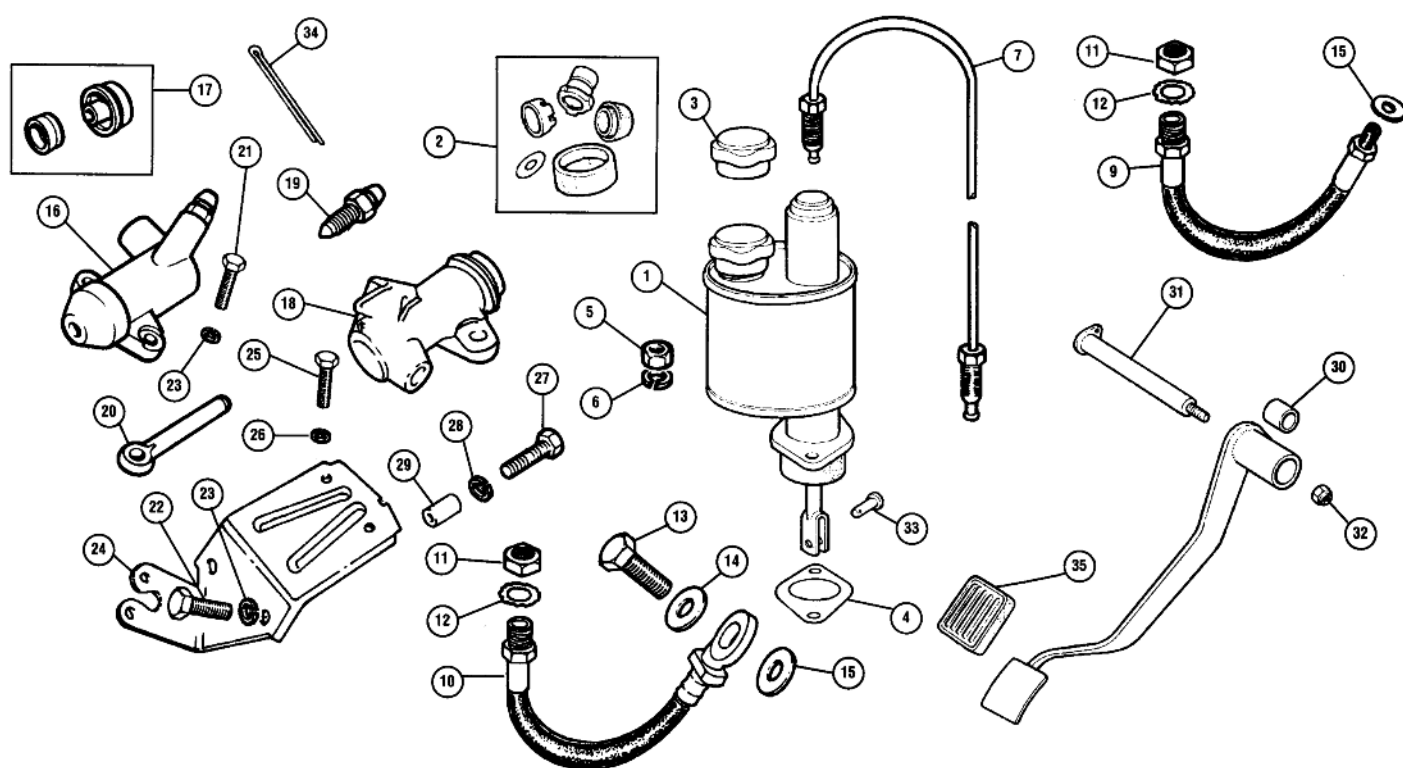
Although it is possible to purchase component parts, we only offer the assembly as it promises less maintenance and reduces the risk of a juddering clutch.

20	GCK149AF	£112.96	CLUTCH ASSEMBLY, inertia starter	1	998cc (180mm centre plate, diaphragm and release bearing).
	GCK2123AF	£102.95	CLUTCH ASSY, pre-engaged starter	1	1275cc (190mm centre plate, diaphragm and release bearing).
	GCU90122AF	£189.95	CLUTCH ASSEMBLY	1	] Cooper 1275cc and SE
21	GCP90311AF	£34.96	CLUTCH PLATE, verto	1	
	GCP90832AF	£91.94	CLUTCH PLATE, verto	1	1275cc
	GCP596	£92.95	CLUTCH PLATE, road/rally	1	
22	GRB239	£6.07	RELEASE BEARING	1	
23	AHU1564	£33.95	THRUST SLEEVE	1	
24	DAM5922	£18.95	BOLT, with lock-washer	1	
25	DAM5923	£34.96	KEY, crankshaft to fly wheel	1	
26	DAM2821	£Call	DUSTSHIELD, primary gear seal	1	
27	12G2445	£27.00	RING GEAR, 107 teeth	1	inertia starter
	PSF10003	£24.95	RING GEAR, 129 teeth	1	pre-engaged starter (Verto or pre-Verto fly wheel with pre-engaged starter).
28	BAU2319	£0.76	BOLT, cover fixing	6	
29	GHF323	£0.10	WASHER, cover fixing	6	
30	13H7848	£7.60	BEARING, idler gear	1	1.065" OD-0.750" ID
	DAM3745	£22.96	BEARING, idler gear	1	1.375" OD-0.750" ID
	AHU1707	£12.85	BEARING, idler gear	1	1.375" OD-0.875" ID
31	AAU8424	£13.96	BEARING, 1st motion shaft spigot	1	
32	2A3643	£6.68	SPRING RING, for bearing	1	
33	13H2934	£2.15	OIL SEAL	1	
	LUF10005	£6.20	OIL SEAL, improved seal	1	standard 1991-On
34	AHU1106	£Call	COVER, with timing hole	1	
35	22A2237B	£3.53	GASKET, housing to transmission	1	
36	BH605141	£0.80	SCREW, housing to block	3	long
	DAM7758	£Call	BOLT, flanged, housing to block	3	long
	GHF103	£0.25	SCREW, housing to block	3	short
38	FNZ505	£0.50	NUT, housing, stud from gearbox	9	
39	GHF332	£0.16	WASHER, locking	9	
41	DAM7755	£0.60	SCREW, cover to housing	7	
42	GHF301	£0.10	WASHER, plain	1	
	GHF332	£0.16	WASHER, spring	1	use with DAM7755
43	22A1299	£Call	PLATE, dowel retaining	1	
46	22A180	£6.60	PLUNGER, clutch	1	press fit To 1979
	DAM1955	£33.95	PLUNGER, clutch	1	floating fit 1979-84

Note: Always renew DAM2413 when replacing release bearing.

ill.	Part Number	Price £ea.	Description	Req.	Details
47	DAM2413	£1.96	RING, locking, plunger to bearing	1	
48	DAM5353	£Call	PLUNGER	1	] Verto clutches
	DAM5353Z	£15.25	PLUNGER, aftermarket	1	
49	AAU2866	£1.90	'O' RING, plunger to bearing	1	use with DAM5353
50	22A427	£8.75	STOP, plunger	1	
51	NT610041	£0.50	NUT, plunger stop locking	1	
52	22A2204	£12.20	LEVER, clutch release, long	1	diaphragm clutches
53	DAM5355Z	£18.35	LEVER, clutch release, short	1	Verto clutches
54	CLZ628	£1.63	CLEVIS PIN, clutch pivot	1	
55	GHF302	£0.18	WASHER	1	
56	GHF502	£0.10	SPLIT PIN	1	For CLZ628
57	GHF101	£0.16	SCREW, clutch lever stop	1	
58	JN2107	£0.16	LOCKNUT	1	
59	CLZ518	£1.36	CLEVIS PIN	1	
60	2A3601	£3.73	SPRING PLATE, lever end	1	
61	GHF301	£0.10	WASHER	1	
62	GHF502	£0.10	SPLIT PIN	1	
63	1G5999	£3.40	SPRING, clutch arm return	1	
64	2A3600	£Call	SPRING PLATE, slave cylinder end	1	
65	18G8086	£Call	LOCK TAB SET	1	
(This set contains all lock tabs required for re-assembly of the flywheel housing, on later cars shouldered bolts are used instead of studs, these replace the lock tabs as they are self locking).					

Note: Whenever work has been carried out on the clutch assembly or the flywheel has been removed, its good practice to have the assembly balanced again before it's reinstalled. This will help achieve a smoother running engine. An out of balance flywheel can cause a great deal of damage and shorten the life of the engine.



ill. Part Number Price £ea. Description Req. Details

## Clutch Hydraulics & Pedal

1	GMC1008	£46.96	MASTER CYLINDER, clutch	1	
2	GRK3004Z	£4.15	SEAL KIT, 2 ring seals	1	early spec
	GRK3007	£13.55	SEAL KIT, 1 ring seal, 1 cap seal	1	late spec
	GRK3007Z	£3.95	SEAL KIT, 1 ring seal, 1 cap seal	1	late spec aftermarket
3	513123A	£4.45	CAP, fluid reservoir	1	
4	31G279	£1.75	WASHER, under master cylinder	1	
5	FNZ505	£0.50	NUT, master cylinder to bracket	2	
6	GHF332	£0.16	WASHER, locking	2	
7	GPP12AA	£9.10	PIPE, master cylinder to hose	1	RHD
	GPP32AA	£10.70	PIPE, master cylinder to hose	1	LHD
9	GVP1020	£7.45	HOSE, pipe to slave cylinder	1	diaphragm clutches
	21A2234Z	£8.26	HOSE, pipe to slave cylinder	1	To 1980
	MT2401	£22.96	HOSE, pipe to slave cylinder (From master cylinder to slave cylinder)	1	stainless steel braided
	GAC8446X	£10.96	HOSE, pipe to slave cylinder (Diaphragm clutches).	1	To 1983 stainless steel braided
10	GVP1009	£11.60	HOSE, pipe to slave cylinder	1	Verto clutches
	GAC8447X	£13.70	HOSE, pipe to slave cylinder (Banjo end, Verto clutches).	1	1983-On stainless steel braided
	MT2401	£22.96	HOSE, pipe to slave cylinder (From master cylinder to slave cylinder, Banjo both ends, Verto clutches).	1	1983-On stainless steel braided
11	2K8686	£0.90	NUT, pipe to bulkhead	1	
12	WE600101	£0.30	WASHER, locking	1	
13	C5192A	£4.96	BOLT, banjo, hose to cylinder	1	Verto clutches
14	3H550	£0.46	WASHER, copper, large	1	
15	233220A	£0.50	WASHER, copper, small	1	
16	GSY110	£24.95	SLAVE CYLINDER	1	diaphragm clutches
17	GRK4008	£5.80	SEAL KIT	1	hose screw into body
	GRK4008Z	£2.15	SEAL KIT	1	hose screw into body
18	GSY118	£36.95	SLAVE CYLINDER	1	Verto clutches
17	GRK4001Z	£3.46	SEAL KIT	1	banjo holds hose to body
19	3H2428	£0.95	BLEED NIPPLE	1	
20	13H396	£7.70	PUSH ROD	1	

Note: For clevis pin and fittings please see General Hardware at the back of this catalogue.

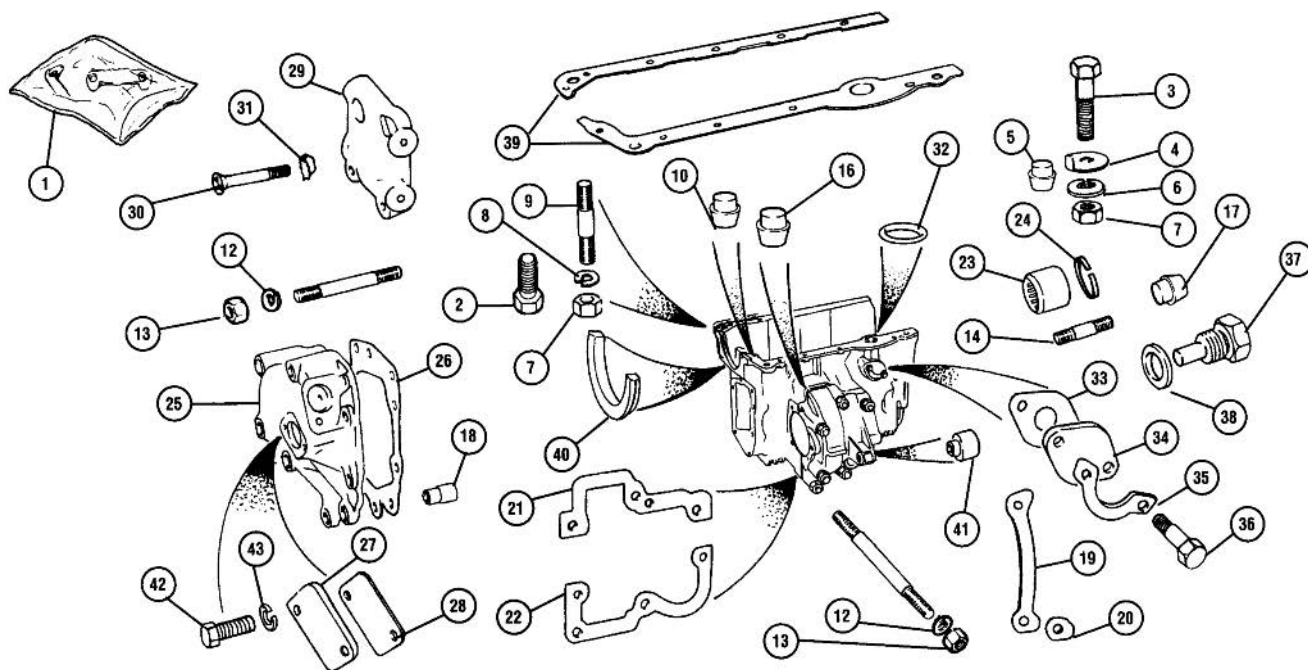
21	SH506101	£0.65	SCREW, slave cylinder to housing	2	To fit GSY110
22	GHF105	£0.20	SCREW, slave cylinder to plate	2	To fit GSY118
23	GHF333	£0.16	WASHER, locking	2	
24	DAM5992	£18.22	PLATE, slave cylinder	1	
25	GHF165	£0.35	SCREW, plate to housing	2	
26	GHF333	£0.16	WASHER, locking	2	
27	SH604141	£0.46	BOLT, plate to housing via spacer	1	use with GSY118
28	GHF331	£0.10	WASHER, spring	1	
29	17H2518	£2.15	SPACER	1	alternative CTF
30	2A3034	£5.75	BUSH, in pedal	2	for brake & clutch
31	2A5880	£49.96	PIVOT PIN	1	
32	GHF222	£0.35	NUT, nyloc	1	
33	CLZ512	£1.06	CLEVIS PIN, pedal to master cylinder	2	
34	GHF503	£0.17	SPLIT PIN	2	
35	GPR104A	£1.15	RUBBER, brake & clutch pedal	2	To 1976
	GPR107A	£1.36	RUBBER, brake & clutch pedal	2	1976-90
	SZU10001	£10.25	RUBBER, brake & clutch pedal	2	1990-On



36	GBF4102	£5.20	BRAKE/CLUTCH FLUID, DOT4	a/r	500ml
	GBF4103	£10.20	BRAKE/CLUTCH FLUID, DOT4	a/r	1 litre
	GBF4104	£39.95	BRAKE/CLUTCH FLUID, DOT4	a/r	5 litre
37	ABF3	£17.45	BRAKE/CLUTCH FLUID, DOT5	a/r	silicone 500ml
	ABF4	£29.75	BRAKE/CLUTCH FLUID, DOT5	a/r	silicone 1 litre
	GBF5102	£6.95	BRAKE/CLUTCH FLUID, DOT5.1	a/r	racing 500ml
	GBF5103	£12.95	BRAKE/CLUTCH FLUID, DOT5.1	a/r	racing 1 litre

ill. Part Number Price £ea. Description

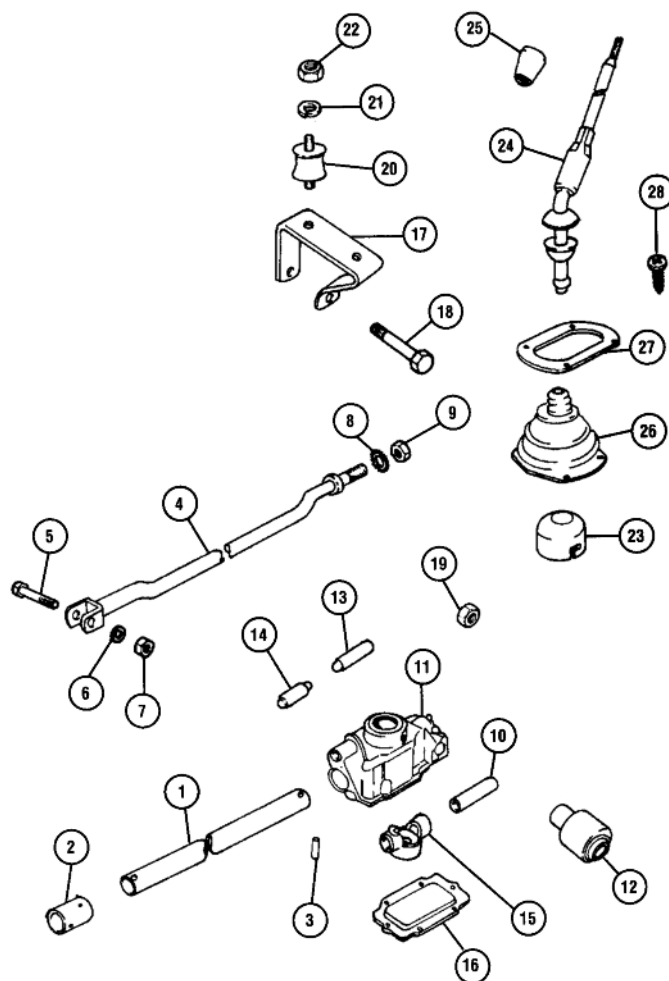
Req. Details



ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Gearbox Externals</b>					
1	18G8085	£Call	KIT, gearbox lock tabs	1	
2	GHF102	£0.25	BOLT, long, block to gearbox	5	
	GHF101	£0.16	SCREW, short, block to gearbox	5	
3	BH604141	£0.70	BOLT, rear dowel	1	
4	12A1150	£Call	COLLAR, rear of block	1	
5	22H983	£Call	DOWEL, hollow block to gearbox	1	rear
6	GHF300	£0.10	WASHER, locking	1	
7	GHF200	£0.10	NUT, plain, block to gearbox	1	
8	GHF331	£0.10	WASHER, spring 1/4"	13	
9	FHS2410	£0.65	STUD, thin flange block	2	A+ models
10	12H1824	£Call	DOWEL, block to gearbox	1	front
11	TAM1617	£6.55	STUD, long	4/2	
	22G1834	£Call	STUD, short	2	
12	GHF332	£0.16	WASHER, locking	6	
13	FNZ506	£0.46	NUT, diff housing stud 3/8" UNF	4	
	FNZ505	£0.50	NUT, diff housing stud+front cover	6	5/16" UNF
14	22A152	£2.70	STUD, flywheel housing, long	6	
	53K547	£2.15	STUD, flywheel housing, short	3	
16	22A153	£Call	DOWEL, diff housing	2	
17	22A97	£Call	DOWEL, flywheel housing	2	
18	22A13	£Call	DOWEL, speedo drive housing	2	
19	42H500	£Call	LOCKTAB, diff housing	1	
20	22A251	£Call	LOCKTAB, diff housing	1	
21	2A3505B	£0.25	GASKET, upper, diff housing	1	
22	2A3506B	£1.25	GASKET, lower, diff housing	1	pre rod change
	22G1836B	£0.38	GASKET, lower, diff housing	1	rod change
	GGL1009	£11.30	RTV BLACK SILICONE COMPOUND	1	
			(Rover now use silicone in place of these gaskets for upper and lower differential housing).		
23	13H7848	£7.60	BEARING, idler gear	1	(1.065" O/D, 0.750" I/D)

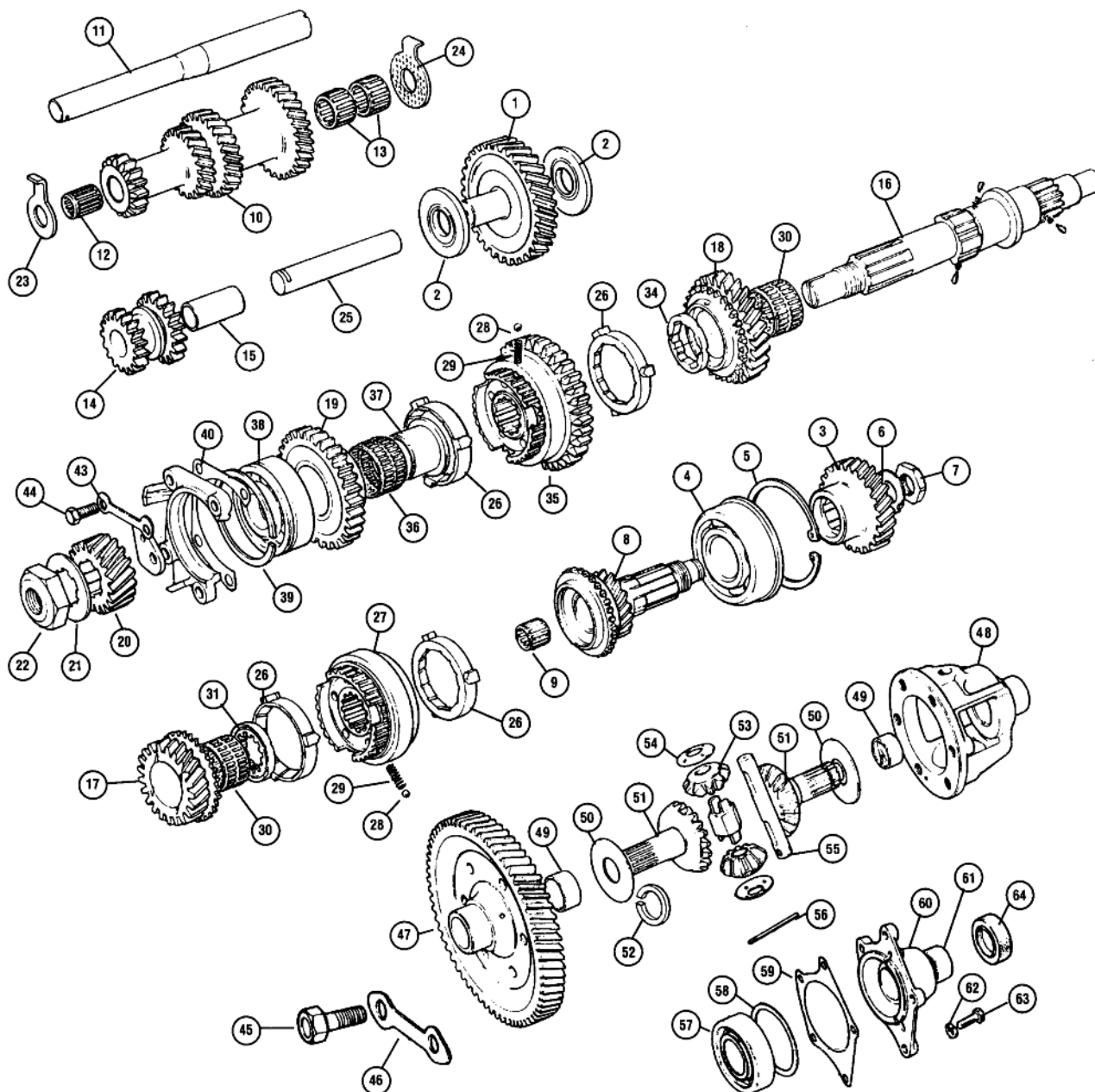
ill.	Part Number	Price £ea.	Description	Req.	Details
	DAM3745	£22.96	BEARING, idler gear	1	(1.375" O/D, 0.750" I/D)
	AHU1707	£12.85	BEARING, idler gear	1	(1.375" O/D, 0.875" I/D)
24	51K3565	£0.25	CIRCLIP, (when 13H7848 fitted)	1	
25	DAM5219	£Call	COVER, speedo drive housing	1	
26	22A541B	£0.77	GASKET, drive housing	1	
28	GUG705564GM	£Call	GASKET, speedo drive case plate	1	
29	12G1318	£Call	ADAPTOR PLATE, rad' mounting	1	
30	12G1319	£1.30	SCREW, adaptor, gearbox casing	1	
31	6K9012	£0.40	WASHER, locking	1	
32	2A3606	£0.25	'O' RING, oil suction	1	case to block
33	22A542B	£1.40	GASKET, oil drilling	1	
34	2A3637	£Call	PLATE, oil drilling blanking	1	
	MS3313	£18.35	MAGNETIC TRAP	1	
			(Replaces plate with magnetic sump plug extra safety in oil delivery pipe).		
35	2K4874	£Call	LOCKTAB	1	
36	BH604131	£0.65	BOLT, blanking plate to block	2	
37	DAM7335	£20.95	DRAIN PLUG, magnetic	1	
38	AED172	£0.86	WASHER, drain plug	1	
39	GUG3007SG	£1.85	GASKET SET, gearbox to engine	1	
	GUG3007SGA	£0.95	GASKET, gearbox to engine	1	front gasket
	GUG3007SGB	£0.95	GASKET, gearbox to engine	1	rear gasket with hole for oil pipe
40	AHU1959	£6.95	SEAL	1	crank to gearbox
	AHU1959Z	£2.04	SEAL	1	case
41	13H7286	£3.95	BUSH, gear lever steady rod	1	
42	SH504061	£0.16	SCREW, adaptor plate to housing	2	
43	GHF331	£0.10	WASHER, spring	2	
	GUG708010TS	£43.80	GASKET SET, gearbox	1	
	GUG708010TSZ	£11.26	GASKET SET, gearbox	1	





ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Gear Lever &amp; Fittings</b>					
1	22G1930	£Call	EXTENSION ROD, to gear lever	1	
2	42H1116	£29.95	COUPLING, for extension rod	1	
3	RPS1416	£2.15	ROLL PIN	3	coupling and extension rod
4	22A1936	£1.99	STEADY ROD, gearbox to gear lever	1	
	DAM5067	£4.75	STEADY ROD, gearbox to gear lever	1	998cc To 1985
	UKN10032	£Call	STEADY ROD, gearbox to gear lever	1	1275cc 1985-On
5	BT605161	£0.80	BOLT, steady rod to gearbox	1	
6	GHF301	£0.10	WASHER, locking	1	
7	LNZ105	£0.50	NUT	1	
8	WA112081	£1.85	WASHER, star	1	
9	GHF275	£0.46	NUT	1	
10	42H1199	£Call	ROD, eye support	1	small type
11	DAM3670	£Call	HOUSING, gear lever	1	
12	42B413	£19.96	BUSH, housing steady	1	
13	DAM2670	£1.96	RETAINER PIN, long, gear lever	1	gear lever locator
14	22G2277	£Call	RETAINER PIN, short, gear lever	1	
15	22G2792	£Call	EYE, extension rod	1	
	22G389	£Call	BUSH SEAT	1	cup seat bottom of gearlever
16	DAM8621	£Call	BASE PLATE, gear lever housing	1	
17	22G2026	£Call	BRACKET, floor to housing	1	
18	BT606281	£Call	BOLT, bracket to housing	1	
19	LNZ106	£1.10	NUT, locking	1	
20	22G2205	£2.95	MOUNTING, bracket to housing	2	
	21A956Z	£5.95	MOUNTING REAR	1	remote gear housing to under floor bracket
21	GHF332	£0.16	WASHER	4	
22	GHF201	£0.10	NUT	4	
23	22G1434	£Call	RETAINER, gear lever	1	
24	22A1932	£Call	ASSEMBLY, gear lever	1	

ill.	Part Number	Price £ea.	Description	Req.	Details
	MRAC1751	£40.80	GEAR LEVER, quick shift	1	rod type
	KAD1013218	£63.95	GEAR LEVER, quick shift	1	remote type
25	DAM4440	£Call	KNOB, gear lever	1	
26	CZH4278	£31.96	GAITER, gear lever	1	
27	FJN10003	£2.45	RETAINER, for gaiter	1	
28	GHF426	£0.10	SCREW, gaiter retainer	4	



ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Gearbox Internals</b>					
1	22G943	£Call	GEAR, idler 31 teeth, shaft dia 0.75"	1	pre A +
	CSTR30	£61.96	GEAR, idler 30 teeth, shaft dia 0.75"	1	pre A+ straight cut EVO
	CSTR31	£194.95	GEAR, idler 30 teeth shaft dia 0.75" (Roller bearing).	1	pre A+ straight cut EVO
	DAM2924	£167.95	GEAR, idler 37 teeth, shaft dia 0.875"	1	998cc A+ and Cooper 1300
	CSTR30A	£61.96	GEAR, idler 30 teeth, shaft dia 0.875"	1	A+ straight cut EVO
	CSTR30TA	£171.95	GEAR, idler 30 teeth, shaft dia 0.875" (Timken bearing).	1	A+ straight cut EVO
	CSTR31	£194.95	GEAR, idler 30 teeth, shaft dia 0.875" (Roller bearing).	1	A+ straight cut EVO
	MRAC104	£204.95	DROP GEARS S/C, straight cut set	1	1-1 ratio 1275cc A+
	MRAC105	£Call	DROP GEARS S/C, straight cut set	1	1-1 ratio 1275cc A

**Thrust Washers For Pre A+**

2	22A1545	£Call	THRUST WASHER, idler, green	a/r	0.130-0.131"
	22A1546	£19.96	THRUST WASHER, idler, black	a/r	0.132-0.133"
	22A1547	£19.96	THRUST WASHER, idler, white	a/r	0.134-0.135"
	22A1548	£19.96	THRUST WASHER, idler, blue	a/r	0.136-0.137"
	22A1549	£Call	THRUST WASHER, idler, red	a/r	0.138-0.139"
	DAM4822	£24.95	THRUST WASHER, idler, no code	a/r	0.131-0.133"

ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Thrust Washers For A+</b>					
	DAM5914	£Call	THRUST WASHER, idler	a/r	0.130-0.135"
	DAM4823	£28.94	THRUST WASHER, idler, yellow	a/r	0.134-0.135"
	DAM4824	£15.95	THRUST WASHER, idler, red	a/r	0.136-0.137"
	DAM4825	£21.40	THRUST WASHER, idler, blue	a/r	0.138-0.139"
3	22G849	£Call	GEAR, 1st motion, 24 teeth	1	pre A+
	DAM2925	£Call	GEAR, 1st motion, 29 teeth	1	998cc A+ and Cooper 1300cc
	CSTR230	£56.10	GEAR, 1st motion, 23 teeth (Can be used with different primary gear to change gear ratio).	1	straight cut EVO
	CSTR240	£56.10	GEAR, 1st motion, 24 teeth (Can be used with different primary gear to change gear ratio).	1	straight cut EVO
	CSTR250	£56.10	GEAR, 1st motion, 25 teeth (Can be used with different primary gear to change gear ratio).	1	straight cut EVO
	MRAC104	£204.95	DROP GEARS S/C, straight cut set	1	1-1 ratio 1275cc A+
	MRAC105	£Call	DROP GEARS S/C, straight cut set	1	1-1 ratio 1275cc A series
4	ADU7619	£20.40	BALL BEARING, 1st motion	1	
5	22G850	£Call	CIRCLIP, bearing	1	alternatives
	22G851	£Call	CIRCLIP, bearing	1	
6	DAM4000	£2.86	LOCK TAB, washer	1	
7	2A3548	£10.96	NUT	1	
8	22G1093	£36.46	SHAFT, 1st motion	1	retains nose bearing
	2A3643	£6.68	CIRCLIP, 1st motion shaft	1	

ill.	Part Number	Price £ea.	Description	Req.	Details
9	CHM172	£4.55	BEARING, needle	1	
10	22G927	£Call	LAYGEAR, 15, 20, 25, 29 teeth	1	
11	22A1371Z	£40.80	LAYSHAFT	1	3 synchro gearbox
	22G931	£40.80	LAYSHAFT	1	engine No. ranges
12	13H9513	£3.95	BEARING, needle roller, small end	1	To 99H829P/871
13	CHM141	£3.55	BEARING, needle roller, large end	2	99H889AJ/423
14	22G1852	£Call	GEAR, reverse idler	1	99H889V/2864 +
15	22G825	£Call	BUSH, reverse gear	1	To 99H791P/320664
16	22G833	£122.95	SHAFT, 3rd motion	1	
17	22G1095	£Call	SPEED GEAR, 3rd	1	
18	22G1094	£Call	SPEED GEAR, 2nd	1	
19	22G1096	£Call	SPEED GEAR, 1st	1	
20	22A413	£23.95	PINION, final drive, 3.44:1	1	
8	DAM3092	£Call	SHAFT, 1st motion	1	retains nose bearing
	2A3643	£6.68	CIRCLIP, 1st motion shaft	1	
9	13H9513	£3.95	BEARING, needle roller	1	
10	DAM3169	£Call	LAYGEAR, 15, 20, 25, 29 teeth	1	
11	DAM3187	£22.40	LAYSHAFT	1	A+ engine ranges
12	13H9513	£3.95	BEARING, needle roller, small end	1	99H829P/872 On
13	CHM141	£3.55	BEARING, needle roller, large end	2	99H889AJ/4234 On
14	TUB10020	£Call	GEAR, reverse idler, 1 bush	1	99H889V/2865 On
	TUB10020	£Call	GEAR, reverse idler, 2 bush	1	99H791P/320665 On
15	22G825	£Call	BUSH, for DAM3189	1	To 99H791P/Z500101
	TUJ10001	£11.22	BUSH, for TUB10020	2	To 99HA53/P100101
16	DAM168	£Call	SHAFT, 3rd motion	1	
	DAM7484	£Call	SHAFT, 3rd motion	1	
17	22G1095	£Call	GEAR, 3rd speed	1	
18	22G1094	£Call	GEAR, 2nd speed	1	
19	22G1096	£Call	GEAR, 1st speed	1	
20	DAM2679	£112.94	PINION, final drive, 3.44:1	1	
	DAM5927	£Call	PINION, final drive, 2.95:1	1	
8	DAM3167	£Call	SHAFT, 1st motion	1	18 teeth 1275cc GT
	DAM4930	£Call	SHAFT, 1st motion	1	17 teeth
	2A3643	£6.68	CIRCLIP, 1st motion shaft	1	retains nose bearing
9	13H9513	£3.95	BEARING, needle roller	1	A+ engine ranges
10	DAM4931	£Call	LAYGEAR, 15, 21, 26, 30 teeth	1	99H791P/Z500101 On
11	DAM3187	£22.40	LAYSHAFT	1	99HA53P/100101 On
12	13H9513	£3.95	BEARING, needle roller, small end	1	all 99HB81P, B83P,
13	CHM141	£3.55	BEARING, needle roller, large end	2	B84P, B85P, C20P,
14	TUB10020	£Call	GEAR, reverse idler, 1 bush	1	D80P, D81P, D83P,
	TUB10020	£Call	GEAR, reverse idler, 2 bush	1	E20, E22, F15, F16,
15	TUJ10001	£11.22	BUSH, reverse gear	1/2	G30, G31, G32, G33,
16	DAM7484	£Call	SHAFT, 3rd motion	1	all Cooper 1300cc
17	DAM4933	£179.95	GEAR, 3rd speed	1	
18	DAM4932	£Call	GEAR, 2nd speed	1	
19	22G1096	£Call	GEAR, 1st speed	1	
20	DAM2679	£112.94	PINION, final drive, 3.4:1	1	
	DAM2808	£153.95	PINION, final drive, 3.1:1/3.2:1	1	
21	DAM6140	£2.05	LOCK TAB, pinion to 3rd motion shaft	1	
22	22G48	£6.65	NUT, pinion	1	
	DAM7485	£4.40	NUT, pinion	1	(Use with 3rd motion shaft 22G833 & DAM168).
					(Use with 3rd motion shaft DAM7484).

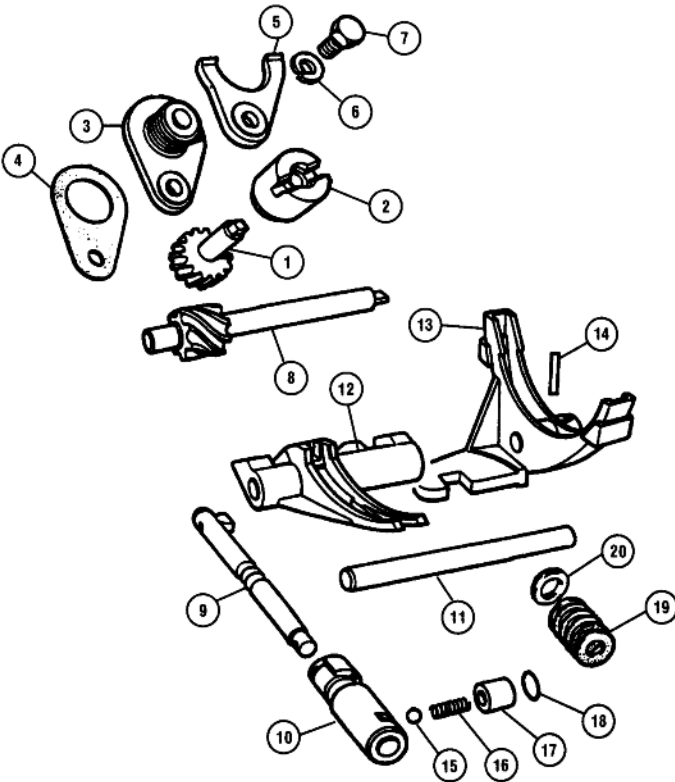
**Thrust Washers For Pre A+**

23	22G856	£Call	T/WASHER, laygear, 0.123-124"	a/r	3.12-3.14mm
	22G857	£Call	T/WASHER, laygear, 0.125-126"	a/r	3.17-3.20mm
	22G858	£Call	T/WASHER, laygear, 0.127-128"	a/r	3.22-3.25mm
	22G859	£Call	T/WASHER, laygear, 0.130-131"	a/r	3.30-3.32mm

**Thrust Washers For A+**

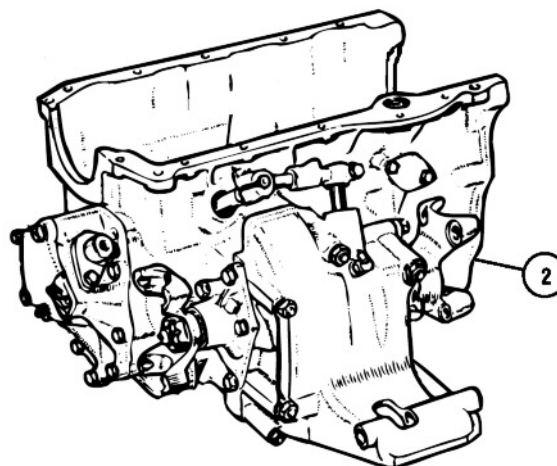
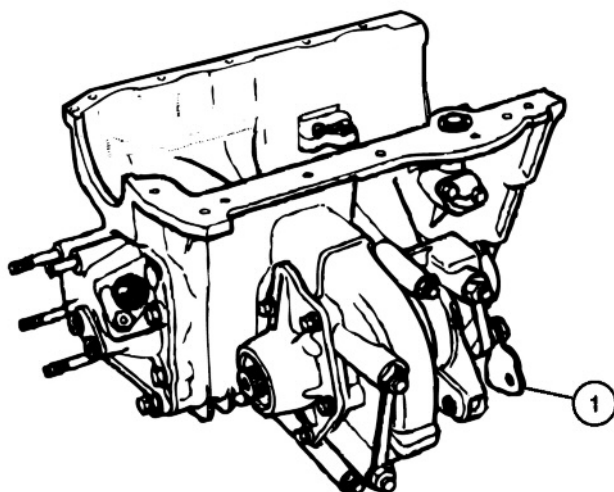
	DAM3180	£4.45	T/WASHER, laygear, 0.121-123"	a/r	3.07-3.12mm
	DAM3181	£Call	T/WASHER, laygear, 0.124-126"	a/r	3.10-3.20mm
	DAM3182	£Call	T/WASHER, laygear, 0.127-129"	a/r	3.22-3.27mm
	DAM3183	£Call	T/WASHER, laygear, 0.130-132"	a/r	3.30-3.35mm
24	22G860	£15.95	T/WASHER, laygear, large	1	
25	DAM8038	£Call	SHAFT, reverse idler gear	1	
26	22G2033	£7.96	BAULK RING	4	all gears
27	DAM7456	£Call	HUB, 3rd & 4th synchro	1	
28	BLS107	£0.25	BALL BEARING, synchro hubs	6	3 per hub
29	22G2262	£1.96	SPRING, synchro hubs	6	3 per hub
30	AAU1816	£36.95	BEARING, 2nd & 3rd gear	2	needle roller
31	22G947	£Call	THRUST WASHER, 3rd gear	1	
34	22G839	£Call	THRUST WASHER, 2nd gear	1	
35	DAM7455	£271.94	HUB, synchro, 1st & 2nd	1	
36	AAU1815	£27.95	BEARING, needle roller	1	
37	22G837	£Call	JOURNAL, 1st gear	1	
38	AAU1365	£51.00	BALL BEARING, 3rd motion shaft	1	
39	ADU4992	£Call	SPRING RING, 3rd motion bearing	1	
40	2A3714	£2.15	SHIM, 0.002"	a/r	
	2A3715	£1.36	SHIM, 0.010"	a/r	
43	DAM2377	£4.75	LOCK TAB	2	

44	SH505071	£0.25	SCREW, retainer	4	
45	ATA7043	£0.85	BOLT, crown wheel to cage	6	
46	ATA7385	£4.60	LOCK TAB, crown wheel bolt	3	
<b>Crown Wheels For Pre A+</b>					
47	22A411	£Call	CROWN WHEEL, 62 teeth, 3.4:1	1	18 tooth pinion
<b>Crown Wheels For A+</b>					
	DAM2677	£Call	CROWN WHEEL, 62 teeth, 3.4:1	1	18 tooth pinion
	DAM6327	£249.95	CROWN WHEEL, 59 teeth, 3.1:1	1	19 tooth pinion
	DAM2806	£Call	CROWN WHEEL, 61 teeth, 3.2:1	1	19 tooth pinion
	DAM5925	£Call	CROWN WHEEL, 59 teeth, 2.95:1	1	20 tooth pinion
<b>Competition Crown Wheel And Pinion Sets</b>					
	CBTA1001	£255.95	CROWN WHEEL + PINION, 3.46:1	1	(Stronger semi helical cut teeth for std or cross pin differentials).
	CBTA1002	£255.95	CROWN WHEEL + PINION, 3.76:1	1	(Stronger semi helical cut teeth for std or cross pin differentials).
	CBTA1003	£255.95	CROWN WHEEL + PINION, 3.93:1	1	(Stronger semi helical cut teeth for std or cross pin differentials).
	CBTA1004	£255.95	CROWN WHEEL + PINION, 4.07:1	1	(Stronger semi helical cut teeth for std or cross pin differentials).
	CBTA1005	£255.95	CROWN WHEEL + PINION, 4.31:1	1	(Stronger semi helical cut teeth for std or cross pin differentials).
	CBTA1006	£255.95	CROWN WHEEL + PINION, 4.57:1	1	(Stronger semi helical cut teeth for std or cross pin differentials).
	CBTA1007	£255.95	CROWN WHEEL + PINION, 4.76:1	1	(Stronger semi helical cut teeth for std or cross pin differentials).
	CBTA1250	£255.95	CROWN WHEEL + PINION, 3.46:1	1	(Stronger semi helical cut teeth for limited slip differentials only).
	CBTA1248	£255.95	CROWN WHEEL + PINION, 3.76:1	1	(Stronger semi helical cut teeth for limited slip differentials only).
	CBTA1252	£255.95	CROWN WHEEL + PINION, 3.93:1	1	(Stronger semi helical cut teeth for limited slip differentials only).
	CBTA1246	£255.95	CROWN WHEEL + PINION, 4.07:1	1	(Stronger semi helical cut teeth for limited slip differentials only).
	CBTA1251	£255.95	CROWN WHEEL + PINION, 4.23:1	1	(Stronger semi helical cut teeth for limited slip differentials only).
	CBTA1249	£Call	CROWN WHEEL + PINION, 4.31:1	1	(Stronger semi helical cut teeth for limited slip differentials only).
	CBTA1253	£Call	CROWN WHEEL + PINION, 4.67:1	1	(Stronger semi helical cut teeth for limited slip differentials only).
48	MRAC106	£178.96	DIFF UNIT, cross pin	1	four planet gears
	CAJJ3385	£177.95	DIFF UNIT, cross pin	1	four planet gears
	CAJJ3387	£520.94	DIFF UNIT, limited slip differential	1	race
			(90/35 ramped Evolution LSD is an upgraded version of the popular Salisbury clutch type LSD).		
	CAJJ3387A	£551.95	DIFF UNIT, limited slip differential	1	rally, 45/45 ramp
	CAJJ3387B	£551.95	DIFF UNIT, limited slip differential	1	rally, 90/50 ramp
49	ATA7378	£14.40	BUSH, diff housing & crown wheel	2	
50	BTA101	£1.66	THRUST WASHER, fibre	2	
51	22G1952	£Call	SHAFT, differential output	2	pre A+
	DAM3114	£Call	SHAFT, differential output	2	all A+
	CCN122	£1.48	CIRCLIP, LSD output shaft	2	required to hold output shafts to differential side plate
52	22G2688	£6.70	CIRCLIP, output shaft	2	
53	2A7015	£Call	PLANET GEAR	2	pre A+
	DAM6624	£7.15	PLANET GEAR	2	all A+
54	2A7062	£3.46	T/WASHER, planet gear, 0.035"	2	no lip
	2A7062Z	£3.25	T/WASHER, planet gear, 0.054"	2	
	DAM5071	£3.46	T/ WASHER, planet gear to cage	2	with lip
55	C-BTA166	£15.60	DIFF PIN, competition	1	
56	RPS1418	£0.60	ROLL PIN, cross pin to diff. cage	1	
57	AHU1856	£11.95	BEARING, differential cage	2	
58	2A3535B	£Call	SHIM, differential bearing, 0.002"	a/r	
	2A3534B	£Call	SHIM, differential bearing, 0.003"	a/r	
	DAM3108	£1.25	SHIM, differential bearing, 0.006"	a/r	
	DAM3109	£1.66	SHIM, differential bearing, 0.010"	a/r	
	DAM3633	£2.15	SHIM, differential bearing, 0.020"	a/r	
59	TRK10004B	£0.44	GASKET, output shaft cover	2	
60	CHM85	£94.96	HOUSING, output shaft	2	
61	2A3538	£6.25	BUSH, output shaft housing	2	
62	GHF332	£0.16	WASHER, locking	10	
63	SH505101	£0.35	SCREW	10	bearing to differential housing
64	ADU5738	£1.25	SEAL, output shaft housing	2	
	AHU1082	£1.84	SEAL, output shaft housing	2	hardy spicer S type



ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Gearbox Internals</b>					
1	22A1881	£57.35	PINION, speedo 17 teeth	1	To 1984 10" wheels
	DAM2905	£Call	PINION, speedo 16 teeth	1	
2	2A3624	£1.20	BUSH, metal seating	1	12" wheels
3	DAM8488	£Call	ADAPTOR, speedometer	4	cable to pinion housing
4	2A3628	£Call	GASKET	1	
5	22A862	£Call	FORK	1	
6	GHF331	£0.10	WASHER, locking	1	
7	SH504071	£0.25	SCREW, fork retaining	1	
8	2A3720	£51.95	SPINDLE, speedo drive, (6 teeth)	1	10" wheels
	DAM6028	£64.96	SPINDLE, speedo drive, (7 teeth)	1	blue gear 12" wheels
9	22G1858	£47.95	SHAFT SELECTOR	1	
10	22G1844	£Call	INTERLOCKING SPOOL	1	
11	22G1854	£Call	SHAFT SELECTOR	1	for selector forks
12	DAM7425	£61.96	SELECTOR FORK, 1st & 2nd	1	
13	TSP100400	£Call	SELECTOR FORK, 3rd & 4th	1	
14	22G2595	£2.15	ROLL PIN, (fork to rod), 3rd & 4th	1	
15	BLS110	£0.25	DETENT BALL	1	
16	22G2083	£0.95	DETENT SPRING	1	

ill.	Part Number	Price £ea.	Description	Req.	Details
17	22G1870	£Call	DETENT SLEEVE	1	
18	22G1417	£0.65	'O' RING, for sleeve	1	
19	DAM3022	£2.65	GAITER, rod change oil seal	1	
20	AHU1672	£1.25	OIL SEAL, gear linkage	1	rod change gear linkages
	AHU1672Z	£0.94	OIL SEAL, gear linkage, aftermarket	1	
	CAJJ4014	£510.95	GEAR KIT, remote	1	straight cut
	CSTN76	£Call	GEAR KIT, rod	1	straight cut
	CSTN77	£542.95	GEAR KIT, rod A+	1	straight cut
	GAC8448X	£33.95	PICK UP PIPE, central	1	
(To ensure a constant supply of oil during hard cornering).					



ill.	Part Number	Price £ea.	Description	Req.	Details
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## Reconditioned Gearboxes

Reconditioned gearboxes are a great way to rectify problems with the Minis bottom end. Not everyone is able to strip down a Mini gearbox and rebuild it themselves as the procedure is quite complex.

Common problems with the Minis gearboxes are jumping out of gears when driven or stiffness selecting gears or crunching gears when selected. Some of these issues can be caused by bulk rings being badly worn or teeth on the gears being worn or missing. All these problems require the engine and gearbox to be removed from the in order to be rectified. Our reconditioned gearboxes are a great way to keep your Mini on the road where it belongs.

Please note you will need to retain the speedo pinion from your old gearbox and ensure you ask for the correct differential ratio! This is so your speedo reads correctly after fitting a reconditioned gearbox.

1	MT2101	£490.94	GEARBOX, reconditioned, (exchange)	1	rod type
2	MT2102	£468.95	GEARBOX, reconditioned, (exchange)	1	remote type

## Engine & Gearbox Oils

Note: Please see our Restoration Tool catalogue or visit our website for our full range of oils and lubricants.

### Millers Oils

Millers classic oil range has been specifically developed to protect and enhance the engines of classic vehicles. Millers classic lubricants utilise modern additive technology in period style viscosities to enable the classic vehicle owner to obtain the optimum lubrication for their car.

This Classic TransM 20w50 is a unique oil, formulated for power units where the engine and gearbox share the same oil. A mineral 20w50, containing EP (extreme pressure) additives to protect the gears and bearings in the gearbox. Can also be used in any gearbox where a 20w50 is specified.

ill.	Part Number	Price £ea.	Description	Req.	Details
	GGL4002X	£12.35	TransM, 20w50	1	1 litre
	GGL4001X	£40.96	TransM, 20w50	1	5 litre

### Penrite Oils

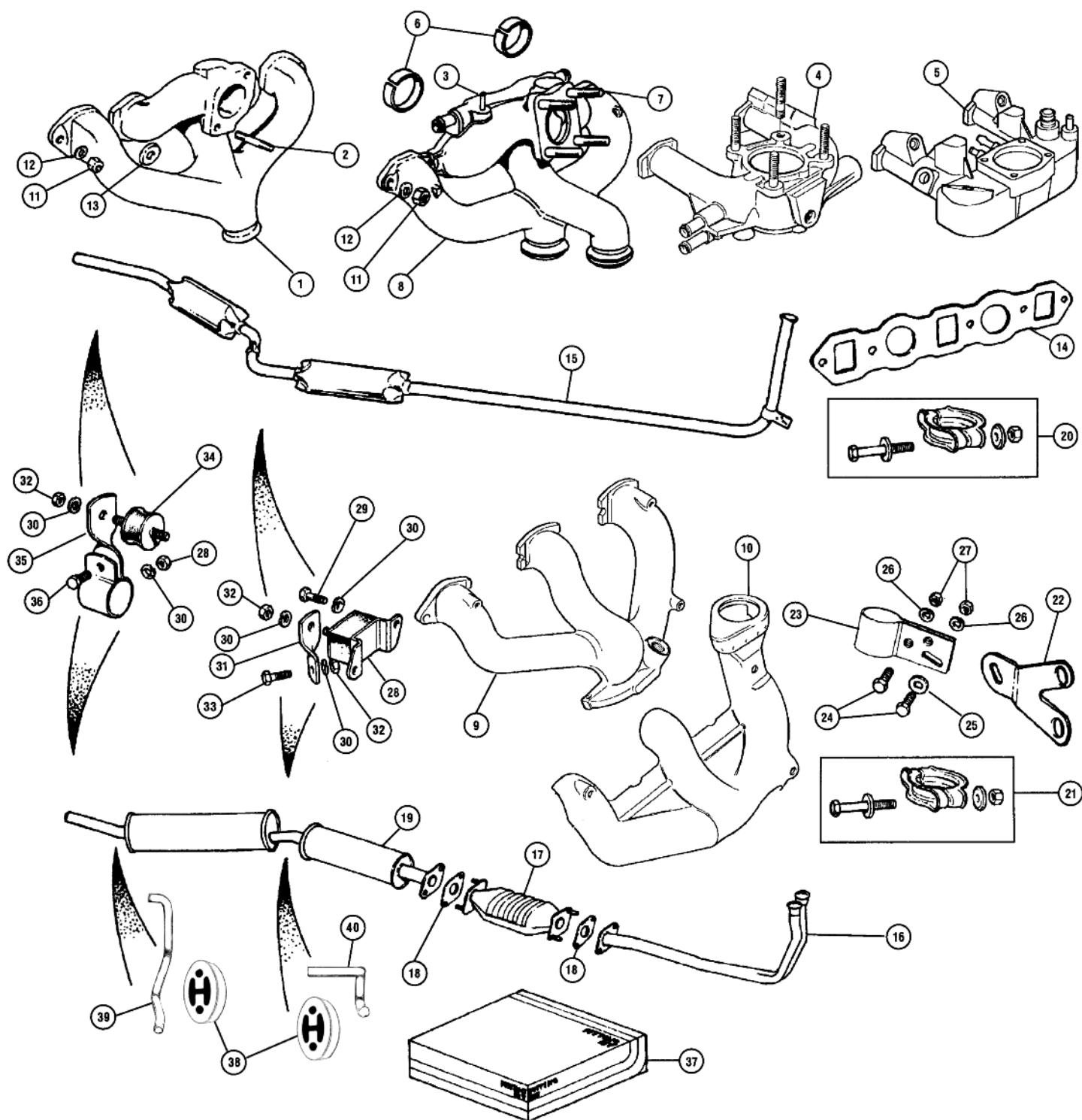
Modern lubricants do not necessarily suit older vehicles, the oils are often too thin, and the additive packages suit today's advanced engineering and materials, not those used in the design and manufacture of your classic. Penrite oils are blended from high quality base stocks, combined with additives selected to give the best performance and reduced oil consumption whilst giving better oil pressure, increased engine protection and reducing the build up of sludge deposits. Penrite's philosophy of meeting and exceeding original requirements extends across their range of lubricants. Other lubricants and sizes from the Penrite range are available on our website.

Penrite running-in oil is designed to promote and control the bedding-in process of newly built engines. It should be used for the first 300 miles and then replaced with the appropriate grade of HPR oil.

GGL9015X	£Call	RUNNING-IN OIL	1	1 litre
GGL9014X	£29.35	RUNNING-IN OIL	1	5 litre

Penrite Classic (20w/50) engine oil is designed specifically for vehicles from the 1960's and 70's, this 20w/50 multi-grade standards. Like the original 20w/50's of the 1960's, classic 20w/50 is a full-bodied, hard-wearing oil giving excellent film strength under the heaviest loads.

GGL9044X	£24.14	CLASSIC ENGINE OIL, 20w50	1	5 litre
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ill. Part Number Price £ea. Description

### Manifolds & Fittings

	Part Number	Price £ea.	Description	Req.	Details
1	12G3279	£Call	MANIFOLD	1	998cc models
2	CHS2613	£1.50	STUD, 3/8" dia UNC/UNF 1-5/8" long	2	
	CHS2614	£1.40	STUD, 3/8" dia UNC/UNF 1-3/4" long	4	
	CHS2616	£1.10	STUD, 3/8" dia UNC/UNF 2" long	2	manifold to carburettor
	CHS2514	£1.80	STUD, 5/16" dia UNC/UNF 1-3/4" long	2	
	CHS2515	£0.95	STUD, 5/16" dia UNC/UNF 1-7/8" long	2	
	CHS2516	£1.75	STUD, 5/16" dia UNC/UNF 2" long	2	

ill. Part Number Price £ea. Description

3	CAM6618	£Call	MANIFOLD, Inlet		
4	LKB10477	£Call	MANIFOLD, inlet		
5	LKB106930	£Call	MANIFOLD, inlet		
	MT3603	£52.96	MANIFOLD, inlet		(For 1.5" and 1.75" carburettors).
	LP4012	£149.95	MANIFOLD, inlet		
	C-AEG489	£67.96	MANIFOLD, inlet		
	AEG349	£5.65	THROTTLE BRACKET		

Req. Details

1	Copper 1300cc + SE	
1	spi 1991-On	
1	mpi 1996-On	
1	high flow alloy inlet	
1	for twin SU's (HS2 or HS4)	
1	for twin SU's (HS4 or HS6)	
1	for twin SU's	

ill.	Part Number	Price £ea.	Description	Req.	Details
	TT10850	£140.95	MANIFOLD, inlet (Single Weber inlet manifold 10cm (4 inch) long. Will require bulkhead modifications).	1	
	TMG10850	£140.95	MANIFOLD, inlet (Single Weber inlet manifold 15cm (6 inch) long. Will require bulkhead modifications).	1	
	TWM0071	£308.95	MANIFOLD, inlet (Single Weber inlet manifold 15cm (6 inch) long. Supplied complete with direct acting throttle linkage. Will require bulkhead modifications).	1	
	LP42411	£81.95	LINKAGE KIT (Single cable, these are very easily installed and offer smooth operation).	1	Weber single carburettor
6	12G297	£0.85	RING, manifold locating	2	
7	CHS2514	£1.80	STUD, short	2	
	CHS2516	£1.75	STUD, long	2	
8	CAM6745	£Call	MANIFOLD, exhaust	1	Copper 1300cc + SE
9	LKC10090	£189.95	MANIFOLD, exhaust	1	spi and mpi 1991-On
10	LKK10025	£Call	HEAT SHIELD, for injection manifold	1	spi and mpi 1991-On
	GAC8463X	£84.95	MANIFOLD LCB (Maniflow long centre branch (LCB) exhaust manifold for applications up to 100bhp includes primary pipes and Y piece with clamps).	1	
	MT6502	£Call	MANIFOLD LCB (Long centre branch manifold with link pipe to catalyst, carburettor model).	1	
	MT6505	£132.95	MANIFOLD LCB (Long centre branch manifold with link pipe to catalyst, injection model, mild steel).	1	
	MT6502	£Call	MANIFOLD, Cooper freeflow	1	stainless steel
11	GHF261	£0.46	NUT, brass, manifold to cyl. head	6	all models
	GHF261A	£2.20	NUT, brass (Longer ST version of GHF261).	6	longer alternative
12	GHF301	£0.10	WASHER, plain	2	
13	12A1211	£0.50	WASHER, plain	4	
14	AJM601	£1.70	GASKET, manifold to cylinder head	1	mpi models
	LKJ100580EVA	£6.85	GASKET, manifold to cylinder head	1	ERA turbo
	GUG704063MG	£18.00	GASKET, manifold to cylinder head	1	
	TMG10836	£3.95	GASKET, manifold to cylinder head (Large bore allows fitment of performance exhaust manifolds with larger primary pipes).	1	

## Exhausts & Fittings

15	GEX106	£45.95	EXHAUST SYSTEM, single box	1	saloon
	GEX154	£46.14	EXHAUST SYSTEM	1	twin box saloon
	GEX1285	£34.66	EXHAUST DOWNPIPE (For single box GEX1562 (from exhaust manifold to side exit kink at front of rear subframe).	1	front repair section
	GEX155	£54.95	EXHAUST SYSTEM, 2x silencers (Mild steel).	1	van & estate
16	GEX12052	£55.96	DOWNPIPE, single pipe	1	carb std to catalyst
	WCP10021	£Call	SAMPLE PIPE	1	C/O sample pipe attaches To GEX12052
	GEX12017	£218.95	DOWNPIPE, twin pipes	1	Cooper 1300cc to catalyst
	GEX12043	£121.96	DOWNPIPE, twin pipes	1	with flat face flange 1300cc spi and mpi to catalyst
	GEX7779	£3.60	GASKET	1	for GEX12043
17	GEX8069	£236.95	CATALYST ASSEMBLY	1	spi and mpi 1991-On
	FX110041	£1.45	NUT, catalyst	4	
18	GEX7761	£4.40	GASKET, catalyst flange	2	
19	GEX33479	£100.94	TWIN BOX, rear (From catalyst back to vin 22123).	1	Cooper 1300cc
	GEX33515	£129.96	TWIN BOX, rear (From catalyst back from vin 22124).	1	Cooper 1300cc
	GEX33516	£102.95	TWIN BOX, rear	1	Cooper spi from catalyst back
	C-STR811	£87.95	SINGLE BOX, rear (With intermediate pipe from catalyst).	1	RC40 rear box
	C-STR811S	£143.95	SINGLE BOX, rear (With intermediate pipe from catalyst).	1	stainless steel RC40 rear box
	GEX33519	£83.95	TWIN BOX, rear	1	standard spi from catalyst back
	GEX33679	£199.96	TWIN BOX, rear	1	mpi from cat. back
20	GEX7046	£2.24	CLAMP, pipe to manifold	1	all 998cc models
21	GEX7801	£3.50	CLAMP, pipe to manifold	2	Cooper 1300cc + SE
22	GEX7526	£2.86	BRACKET, gearbox to front pipe	1	
23	GEX7053	£1.96	CLIP, front pipe to gearbox bracket	1	

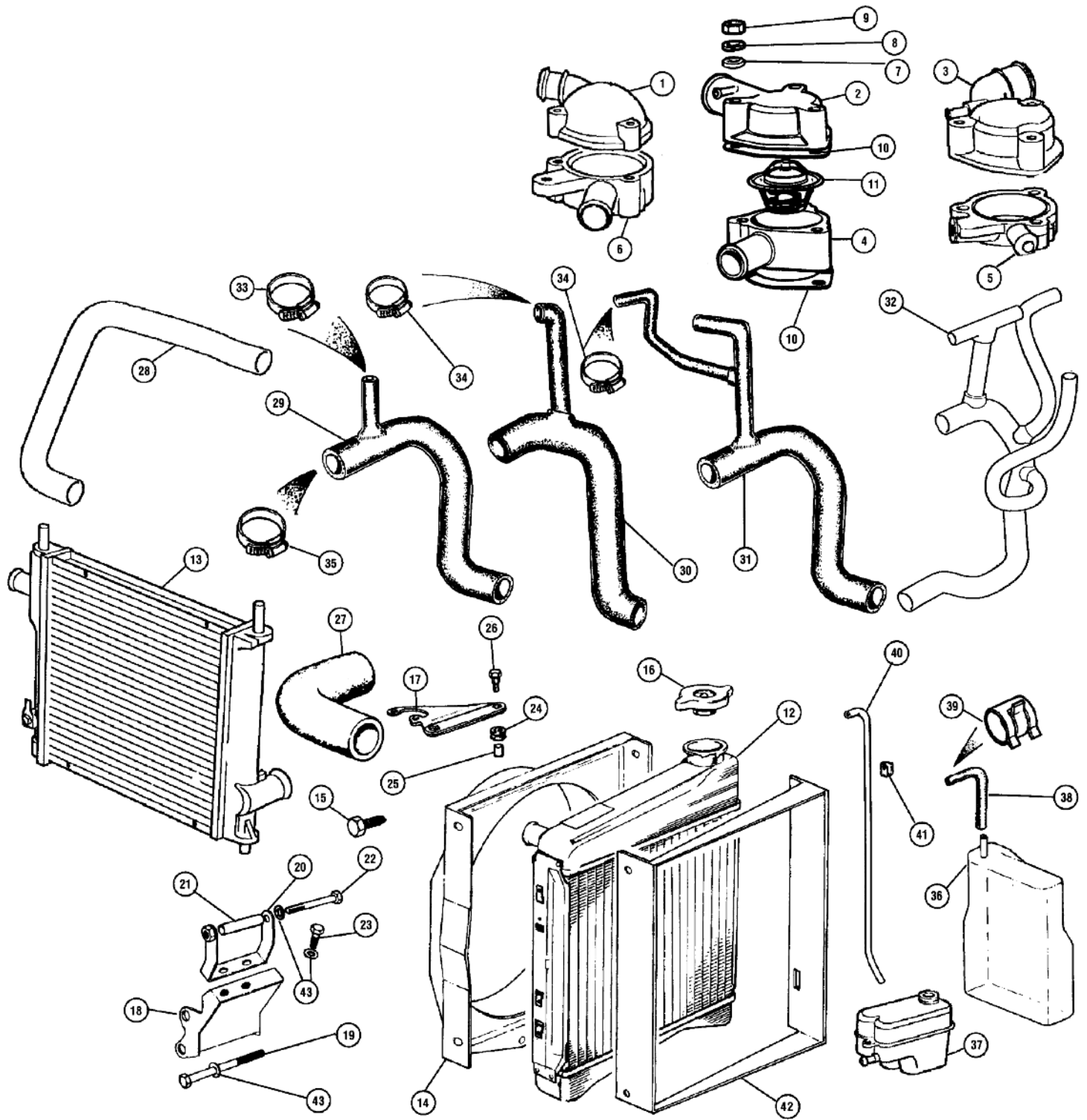
24	SH605051	£0.30	SCREW, clip to bracket	2	998cc models
25	GHF301	£0.10	WASHER	2	
26	GHF331	£0.10	WASHER, locking	7	
27	GHF201	£0.10	NUT	2	
28	GEX7081	£2.15	MOUNTING, centre, rubber	1	
29	SH605051	£0.30	SCREW, mounting to subframe	2	
30	GHF332	£0.16	WASHER, locking	2	
31	GEX7082	£0.46	STRAP, centre, twisted	1	998cc models
	GEX7273	£0.78	STRAP, centre, twisted	1	van, pick up, estate
	GEX7778	£Call	STRAP, centre, twisted	1	Cooper 1300cc + SE
	GEX7082	£0.46	STRAP, centre, twisted	1	1275cc GT, S, RC40
32	GHF201	£0.10	NUT	1	
33	SH605071	£0.60	SCREW, strap to centre clip	1	
34	GEX7251	£1.20	MOUNTING, bobbin, rubber	1/2	
	GEX7251P	£2.40	MOUNTING, bobbin, poly	1/2	
35	GEX7084	£1.68	CLIP, rear mount, twisted	1	998cc models
	GEX7778	£Call	STRAP, twisted, rear	1	Cooper 1300cc + SE
	GEX7249	£1.88	STRAP, rear (Fits to subframe via two bobbins).	1	1275cc GT, S, RC40
36	GHF120	£0.16	SCREW, clip	1	
37	GEX9551	£9.95	FITTING KIT, exhaust	1	998cc models
	GEX40FK	£10.50	EXHAUST FITTING KIT	1	fitting kit for RC40 exhaust
38	GEX7661	£3.95	EXHAUST HANGER, rubber	2	late type exhaust
	GEX7661P	£Call	EXHAUST HANGER, poly	2	late type exhaust
39	KHU10011	£2.60	HANGER BRACKET, large	1	requires welding
40	KHU10012	£1.99	HANGER BRACKET, small	1	to subframe

## Performance Exhausts

Note: Also see Accessories section for our full range of sports exhausts.

	GEX40RC	£59.95	EXHAUST SYSTEM, sports (Inc: intermediate pipe to downpipe).	1	RC40 two box system
	GEX50RC	£212.95	EXHAUST SYSTEM, sports (Two box system includes intermediate pipe to downpipe).	1	stainless steel RC40
	MPE101	£99.95	REAR BOX PECO, exhaust (Standard small bore 32.5mm entry pipe).	1	upswept tailpipe
	MPE102	£92.95	REAR BOX PECO, exhaust (Standard small bore 32.5mm entry pipe).	1	straight tailpipe
	MPE103	£125.95	REAR BOX PECO, exhaust (Standard small bore 32.5mm entry pipe).	1	upswept twin tailpipe
	MPE105	£99.95	REAR BOX PECO, exhaust (Large bore 46mm entry pipe).	1	upswept tailpipe
	MPE106	£Call	REAR BOX PECO, exhaust (Large bore 46mm entry pipe).	1	straight tailpipe
	MPE107	£121.94	REAR BOX PECO, exhaust (Large bore 46mm entry pipe).	1	upswept twin
	PM34	£29.45	LINK PIPE, stainless steel	1	to rear boxes
	MT6501	£Call	CARBON FIBRE REAR BOX (Carbon fibre box with stainless steel end caps, weighs just 3.7kg).	1	1992-On late type hangers
	AN180V	£16.96	INTERMEDIATE PIPE (Connects direct from Cooper freeflow manifold to performance rear boxes, requires shortening for LCB manifolds).	1	
	PME41	£135.95	REAR BOX (With outward rolled lip).	1	centre exit single tailpipe
	PME42	£151.96	REAR BOX (With straight cut).	1	centre exit twin tailpipe
	FES200	£129.95	REAR BOX (With outward rolled lip).	1	side exit single tailpipe
	FES201	£159.95	REAR BOX (With DTM style upswept straight cut).	1	centre exit twin tailpipe
	WPE3001X	£12.95	FITTING KIT	1	
	WPE3002X	£27.95	FITTING KIT	1	
	WPE3003X	£41.95	FITTING KIT	1	
	WPE3004X	£12.35	FITTING KIT	1	
	WPE1104X	£3.46	BLANKING PLUG, lambda sensor	1	

Note: When fitting any exhaust system to the classic Mini check that the engine mounting and engine stabiliser bushes are in good condition! Excessive movement of the engine will damage the exhaust causing leaks and bad running. See the Engine mountings section.





ill.	Part Number	Price £ea.	Description	Req.	Details
Radiator and Hoses					
1	12G103	£23.95	HOUSING, thermostat	1	all 998cc and A series 1275cc
	12G103Z	£8.95	HOUSING, thermostat	1	all 998cc and A series 1275cc
2	PEQ10010	£41.65	HOUSING, thermostat	1	standard 1300cc 1990-On
	PEQ10019	£36.46	HOUSING, thermostat	1	Cooper 1300cc
3	PEQ100650	£Call	HOUSING, thermostat (Front mounted radiator).	1	mpi 1996-On
	PEQ100690	£40.96	HOUSING, thermostat	1	spi
4	PEM10036	£32.95	PLATE, thermostat housing	1	
5	PEG100030	£42.95	PLATE, thermostat housing (12mm drilling for MEK100060 temperature sensor).	1	sandwich plate mpi 1996-On
6	PEG10002	£52.96	PLATE, thermostat housing (10mm outlet).	1	sandwich plate
7	GHF301	£0.10	WASHER,	3	
8	GHF332	£0.16	WASHER, locking	3	
9	GHF201	£0.10	NUT	3	
	DAM7760	£4.75	BOLT, thermostat housing	3	housing and sandwich plate
10	GTG101	£0.25	GASKET, thermostat	a/r	
11	GTS102	£4.85	THERMOSTAT, 74°C, (165°F)	1	summer
	GTS104	£3.95	THERMOSTAT, 82°C, (180°F)	1	standard To 1985
	GTS106	£4.50	THERMOSTAT, 88°C, (190°F)	1	standard 1985-On
	AJJ4012	£8.15	THERMOSTAT, blanking sleeve kit	1	replaces thermostat
12	GRD210	£74.95	RADIATOR	1	all 998cc models
	GRD172	£79.96	RADIATOR	1	Cooper 1300cc
13	GRD974	£184.94	RADIATOR, front mounted	1	mpi 1996-On

High Performance Radiators

	GRD4442	£164.95	RADIATOR, 2 core, road/race	1	high performance radiator
	GRD4442TDF	£71.95	RADIATOR, 3 core, road/race (With sensor boss at top)	1	high performance radiator
	GRD4443	£159.95	RADIATOR, 2 core, road/race (With fan switch)	1	high performance radiator
	GRD4444	£129.95	RADIATOR, 4 core, grass track	1	high performance radiator
	MT3104	£255.95	RADIATOR, alloy	1	side mounted

Note: Aluminium radiators are made to high specification, aluminium radiators are substantially more efficient than the original unit in which they replace. This leads to an overall increase in performance and reliability.

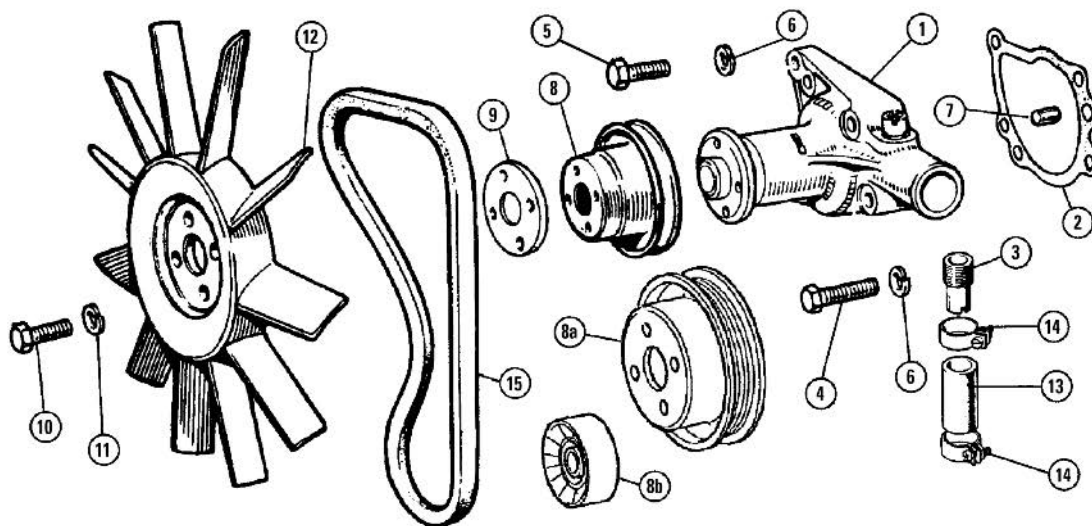
14	PGK10034	£122.95	COWLING, radiator	1	
15	SH604031	£0.74	SCREW, radiator to cowl	4	
16	GRC180	£4.25	RADIATOR CAP, 13lb	1	998cc To 1976
	GRC1110	£4.25	RADIATOR CAP, 15lb	1	998cc 1976-On
	GRC207	£4.66	EXPANSION CAP	1	Cooper 1300cc
17	CAM4619	£35.95	BRACKET, radiator top mount	1	all 998cc models
	12G617	£11.35	BRACKET, radiator top mount	1	1275cc and S
	12G617S	£9.16	BRACKET, radiator top mount	1	1275cc and S stainless steel
	PCU10135	£15.30	BRACKET, radiator top mount	1	Cooper 1300cc
18	12A361	£108.95	BRACKET, radiator to engine	1	all models
19	HBZ534	£1.75	BOLT, bracket to gearbox	2	
20	12A2153	£14.86	BRACKET, lower radiator mounting	1	
21	ARP1073	£17.00	SPACER	1	
22	BH605261	£1.25	BOLT, cowl to bracket	1	
23	SH605051	£0.30	SCREW	2	
24	11G227	£0.95	GROMMET, upper radiator mounting	2	all 998cc models
25	CAM4415	£4.55	SLEEVE, for grommet	2	
	11G228	£4.15	SLEEVE, for grommet, 11G227	2	
	12A1985	£2.35	SLEEVE, for grommet, 11G227	2	replaces 11G228
26	GHF117	£0.16	SCREW	2	
	CAM4618	£0.95	BUSH, top mounting	2	Cooper 1300cc + SE
27	GRH244	£6.20	TOP HOSE	1	1959-67
	GRH245	£3.55	TOP HOSE	1	all 998cc models
	GRH247	£5.16	TOP HOSE	1	1275cc and S
	GRH469	£9.50	TOP HOSE	1	1275cc GT
	GRH1140	£11.75	TOP HOSE	1	Cooper 1300cc
	GRH1212	£19.45	TOP HOSE	1	Cooper spi
28	GRH1465	£11.95	TOP HOSE (Front mounted radiator fitment).	1	mpi 1996-On
	GRH1216	£102.95	HOSE	1	spi thermostat to manifold and heater
29	GRH240	£9.90	BOTTOM HOSE	1	all 998cc models
	GRH468	£15.60	BOTTOM HOSE	1	Clubman
30	GRH1159	£103.94	BOTTOM HOSE (Modify GRH1159 to suit Cooper SE 1300cc models).	1	Cooper SE 1300cc

ill.	Part Number	Price £ea.	Description	Req.	Details
31	GRH1159	£103.94	BOTTOM HOSE	1	Cooper 1300cc
	GRH1242	£56.95	BOTTOM HOSE	1	Cooper spi
32	GRH1466	£59.95	BOTTOM HOSE (Front mounted radiator fitment (water pump/rad/expansion tank/water valve/thermostat).	1	mpi 1996-On
33	GHC11022	£1.80	HOSE CLIP, heater outlet hose	1	To 1989
34	GHC11025	£1.90	HOSE CLIP, heater outlet hose	2	1990-On
35	GHC11035	£2.00	HOSE CLIP, top & bottom hose	4	
36	PCF10056	£Call	EXPANSION TANK	1	not stainless steel
	PCF10097	£Call	EXPANSION TANK	1	1991-96
37	PCF101240	£72.95	EXPANSION TANK	1	mpi 1996-On front mounted radiator fitment
38	GRH1213	£Call	HOSE, expansion tank	1	Cooper 1300cc
39	UKC3803	£0.61	CLIP, expansion hose	2	
40	GRH1001M	£3.35	PIPE, overflow	1	all 998cc models
41	ARA951	£1.96	CLIP, overflow pipe to cowling	2	
42	KRD10009	£53.15	SEAL, rubber, radiator to flitch	1	Cooper 1300cc
43	GHF332	£0.16	WASHER, spring	4	

Fan Switches

Fan switches for use with GRD4442TDF, MT3104 can be used to switch any electric fan on or off. Electronic fan controller (RFC010) can be adjusted for different temperatures.

IM50100	£14.60	Thermo switch, 82-68°C	1	
IM50120	£11.05	Thermo switch, 88-79°C	1	
IM50200	£10.30	Thermo switch, 92-87°C	1	
IM50250	£11.75	Thermo switch, 88-74°C	1	
RFC010	£68.95	Electronic fan controller (Thread fitting M22 x 1.5).	1	



ill. Part Number Price £ea. Description

### Water Pump

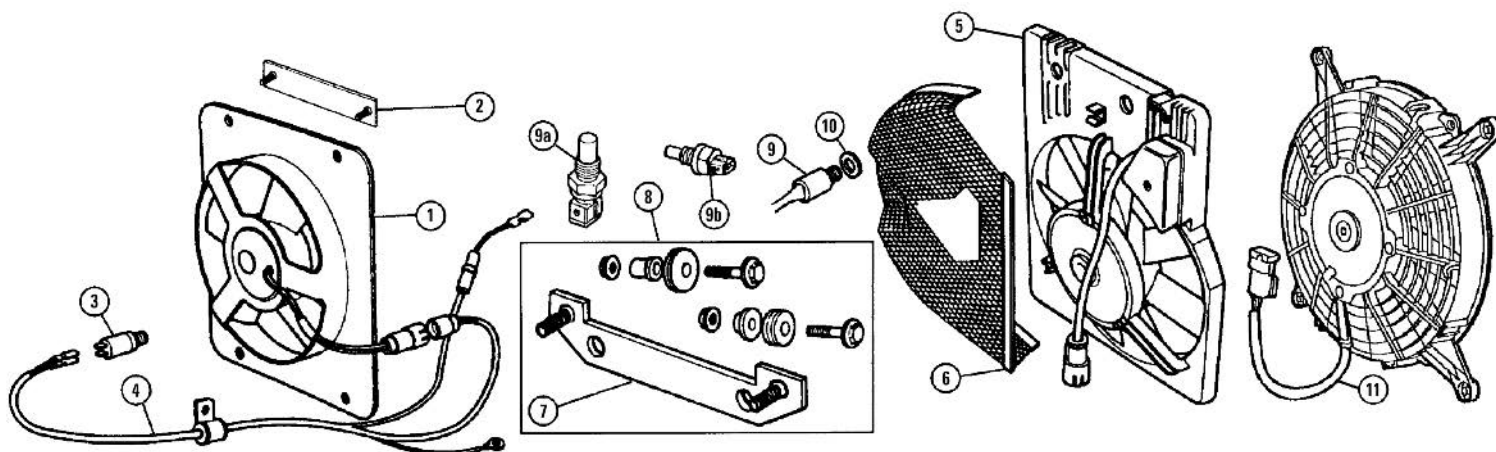
1	GWP134	£13.96	WATER PUMP	1	all 998cc models
	GWP187	£17.30	WATER PUMP, no bypass outlet	1	Cooper 1300cc
	GWP188	£45.95	WATER PUMP, no alternator lug	1	mpi Mini 1996-On
2	88G215	£0.41	GASKET, water pump	1	
3	12A2075	£6.95	ADAPTOR, on cylinder head	1	all 998cc models
4	SH605141	£0.80	BOLT, pump to block, long	2	
	TAM1180	£0.55	BOLT, flanged, pump to block long	2	Cooper 1300cc
5	SH605101	£0.55	BOLT, pump to block, short	2	all 998cc models
	TAM1178	£0.95	BOLT, flanged, pump to block short	2	Cooper 1300cc
6	GHF332	£0.16	WASHER, locking	4	
7	12G2077	£Call	DOWEL, pump to block	2	
8	CAM6239	£71.95	PULLEY, water pump	1	To 1985
	CAM6408	£43.85	PULLEY, water pump	1	1985-On
8a	PEZ100100	£Call	PULLEY, water pump, multi V belt	1	mpi 1996-On
8b	PQR10028	£55.96	PULLEY TENSIONER	1	mpi 1996-On
9	12A312	£Call	SPACER, fan to pulley	1	
10	SH604041	£0.16	SCREW, fan to pump	4	
11	GHF331	£0.10	WASHER, locking	4	

ill. Part Number Price £ea. Description

12	12G2129	£15.50	FAN, 11 blade, plastic	1	1.5" thick blades
	2A998	£34.32	FAN, 6 blade, metal	1	export & performance
	2A997	£27.37	FAN, 2 blade, metal	1	special tuning

Note: 2A997 can also be doubled up to make a 4 blade fan for quieter running. For 4 blade fan simply order two 2A997.

13	GZA2083Z	£3.10	HOSE bypass	1	998cc models
14	3H2963	£0.76	CLIP, bypass hose	2	
	CAM4126	£17.56	PLUG COVER	1	
(Covers bypass tube on cylinder head or water pump when bypass is not being used).					
15	GCB10813	£7.60	FAN BELT, 813mm long	1	To 1985
	GCB10838	£5.45	FAN BELT, 838mm long	1	A115 alternator
				1	1981-85
	GCB10825	£6.95	FAN BELT, 825mm long	1	A127 alternator
				1	1985-On
	GMB50920	£12.60	FAN BELT, multi groove	1	mpi 1996-On



ill. Part Number Price £ea. Description

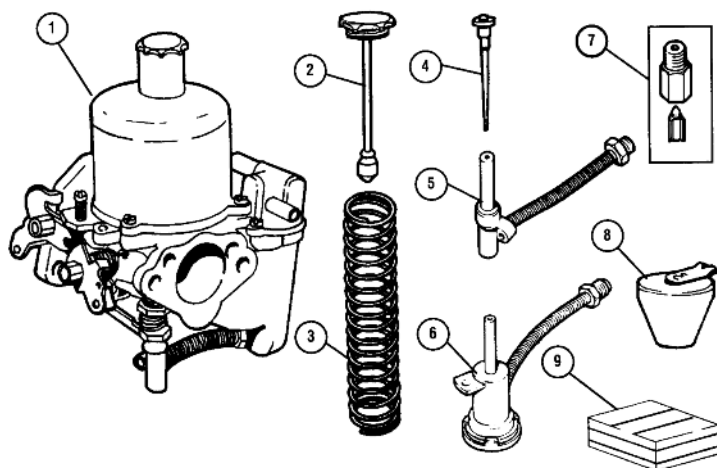
### Electric Cooling Fan

1	PGF10038	£Call	FAN	1	
2	PGU10006	£Call	BRACKET, cowl to inner wing	1	
3	YWL10010	£88.96	THERMAL SWITCH & SEAL	1	Cooper SE models
4	YMW10069	£Call	HARNESS	1	
5	PGG10046	£Call	FAN long	1	
6	PGL10008	£Call	SHIELD	1	
7	PGU10007	£20.40	BRACKET, fan to inner wing	1	Cooper 1300cc
8	PGG10046FK	£Call	MOUNTING KIT, fan to flieth	1	
9	GVS104	£Call	THERMAL SWITCH	1	
9a	GTR185	£8.45	TEMPERATURE TRANSMITTER	1	spi 1991-On

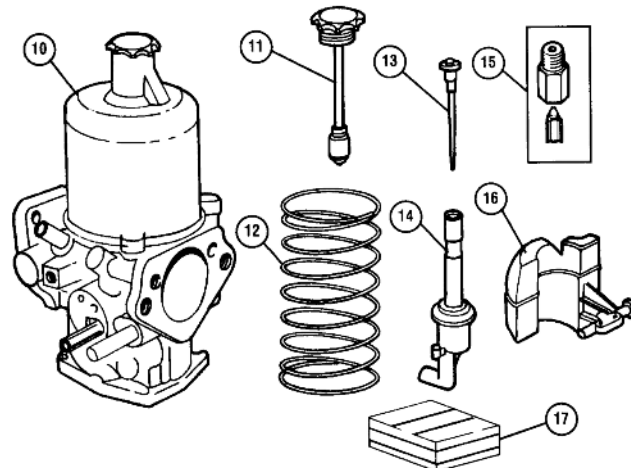
ill. Part Number Price £ea. Description

9b	MEK100060	£14.75	TEMPERATURE TRANSMITTER	1	mpi Mini (brown)
10	PYF10036	£Call	WASHER, sealing	1	
	MDY100040	£1.96	WASHER, sealing	1	mpi for MEK100060
	PGG10058	£179.95	FAN ASSEMBLY	1	1991-96
11	PGG100890	£110.95	FAN ASSEMBLY	1	mpi 1996-On
(Front mounted radiator fitment).					
	GAC8411X2	£113.95	KENLOWE FAN KIT, electric 10"	1	side mounted
				1	radiator
	RFK80	£192.95	REVOTEC FAN KIT, electric	1	side mounted
				1	radiator

Note: See Performance in the Accessories section for high quality Cobalt silicone hose kits.



HS4



HIF44

ill. Part Number Price £ea. Description Req. Details

### Carburettors

#### HS2 Carburettor

AUD327T	£536.95	CARBURETTOR	1
GAC6153X	£44.95	REBUILD KIT, (single)	1
AUD662T	£536.95	CARBURETTORS, (pair)	1

#### HS4 Carburettor

1	FZX3012	£275.95	CARBURETTOR, plain jet	1	1973-76
	FZX3014	£275.95	CARBURETTOR, waxstat jet	1	1976-82
	FZX3013	£275.95	CARBURETTOR, waxstat jet	1	1982-On
2	AUC8103A	£13.85	CAP & DAMPER, dashpot	1	
3	AUC4387	£6.95	SPRING, dashpot, red	1	
4	NZX4005	£12.95	NEEDLE, ADE	1	
	NZX4008	£10.96	NEEDLE, ADH	1	
	CUD1002	£10.96	NEEDLE, AAC	1	

Note: Due to the number of different types of needle we have been unable to list all the carburettor tag numbers, (the number is on a tag on the dashpot cover screw) when ordering needles please check the three letter code stamped around the top of the needle. Please contact your local Moss Europe Ltd branch for help.

5	AUD9451A	£18.85	JET ASSEMBLY	1	
6	LZX1111A	£37.96	JET ASSEMBLY, waxstat cap	1	
7	WZX1101A	£10.75	FLOAT VALVE KIT, needle & seat	1	
8	WZX1300	£9.50	FLOAT, plastic	1	
	GAC9201X	£8.95	GROSE JET	1	
			(Superior replacement for original style needle and seat. The ball bearing design allows a much greater area of the surfaces to meet for a better seal and longer life).		
	WZX1852X	£40.96	SERVICE KIT	1	single HS4 pre waxstat
			(Includes Instructions, diagrams, new main jet, needle valve, gaskets and washers).		
	WZX1865	£66.95	SERVICE KIT	1	single HS4 waxstat
			(Inc: Instructions, diagrams, new main jet, needle valve, gaskets & washers).		
9	CRK219	£57.95	REBUILD KIT	1	plain jet
			(Includes All service items and throttle shaft, throttle disc, 2 screws and 2 bushes, (needles not included).		
	CRK227	£73.96	REBUILD KIT	1	plain jet
			(With over run throttle disc includes all service items and throttle shaft, throttle disc, 2 screws and 2 bushes, (Needles not included).		
	CRK121	£65.95	REBUILD KIT	1	waxstat jet
			(Includes All service items and throttle shaft, throttle disc, 2 screws and 2 bushes, (needles not included).		

#### HIF38 Carburettor

FZX3004	£Call	CARBURETTOR	1
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ill. Part Number Price £ea. Description Req. Details

#### HIF44 Carburettor

10	FZX3006	£376.96	CARBURETTOR	1
	GAC8100	£36.70	SERVICE KIT	1
			(Includes Instructions, new main jet, needle valve, gaskets and washers).	
	CRK167	£Call	REBUILD KIT	1
			(Includes All service items and throttle shaft, throttle disc, 2 screws and 2 bushes).	
11	LZX2085	£22.96	CAP & DAMPER, dashpot	1
12	AUD4355	£3.65	SPRING DASHPOT, red	1
13	NZX8071	£10.96	NEEDLE, BFY	1
14	WZX1453A	£18.76	JET	1
15	WZX1099A	£16.55	FLOAT VALVE KIT, needle & seat	1
16	WZX1509A	£15.55	FLOAT, plastic	1
17	WZX1505A	£9.65	KIT, gasket & seals	1

#### HIF6 Turbo Carburettor

FZX1435	£525.95	CARBURETTOR, turbo	1
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#### Twin Carburettor Kits

FZX3052	£712.96	TWIN CARBURETTOR KIT	1	HS2
		(Includes: Manifold, heat shields, carburettors, linkages etc, except air filters).		
AUD662T	£536.95	TWIN CARBURETTOR ONLY, (pair)	1	HS2
FZX3054	£752.95	TWIN CARBURETTOR KIT	1	HS4
		(Includes: Manifold, heat shields, carburettors, linkages etc, except air filters).		

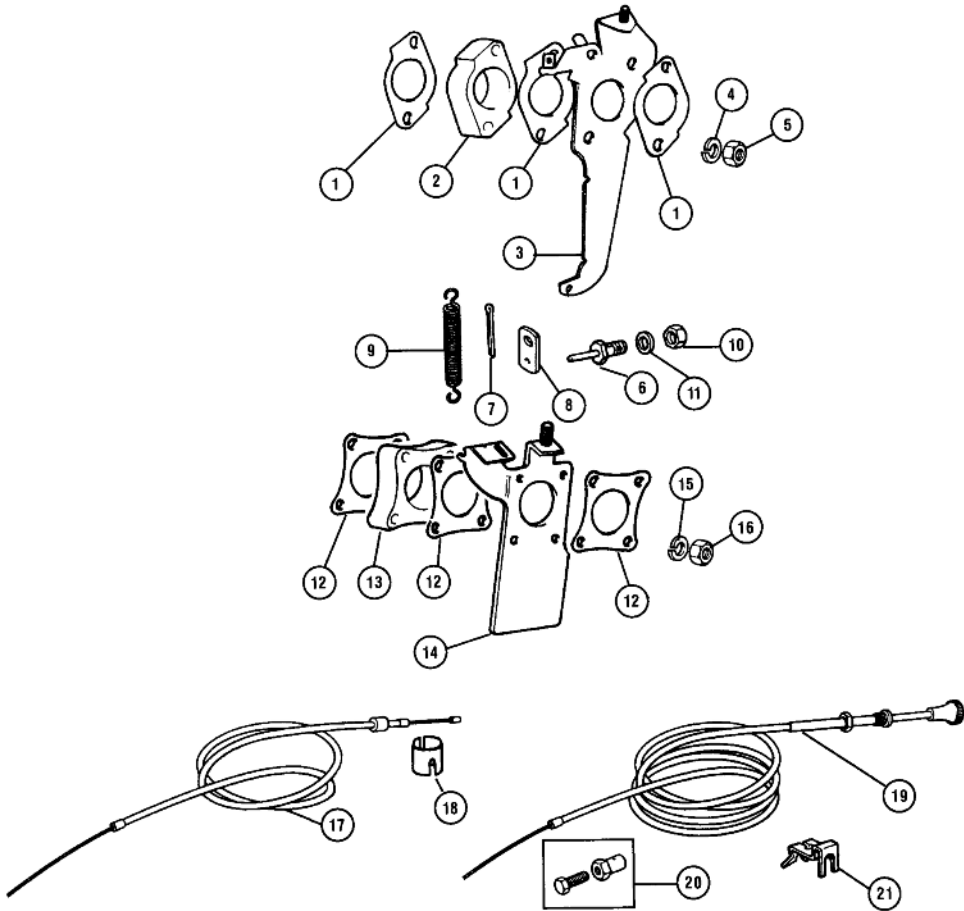
### Dash Pot Covers

#### HS4/6 Dash Pot Covers

SFR150	£10.20	COVER, dash pot	1	chrome
SFR23	£10.96	COVER, dash pot	1	polished
SFR23R	£12.20	COVER, dash pot	1	red anodised
SFR23B	£12.20	COVER, dash pot	1	blue anodised

#### HIF44/6 Dash Pot Covers

SFR175	£8.30	COVER, dash pot	1	chrome
SFR24	£11.40	COVER, dash pot	1	polished
SFR24R	£10.15	COVER, dash pot	1	red anodised
SFR24B	£Call	COVER, dash pot	1	blue anodised



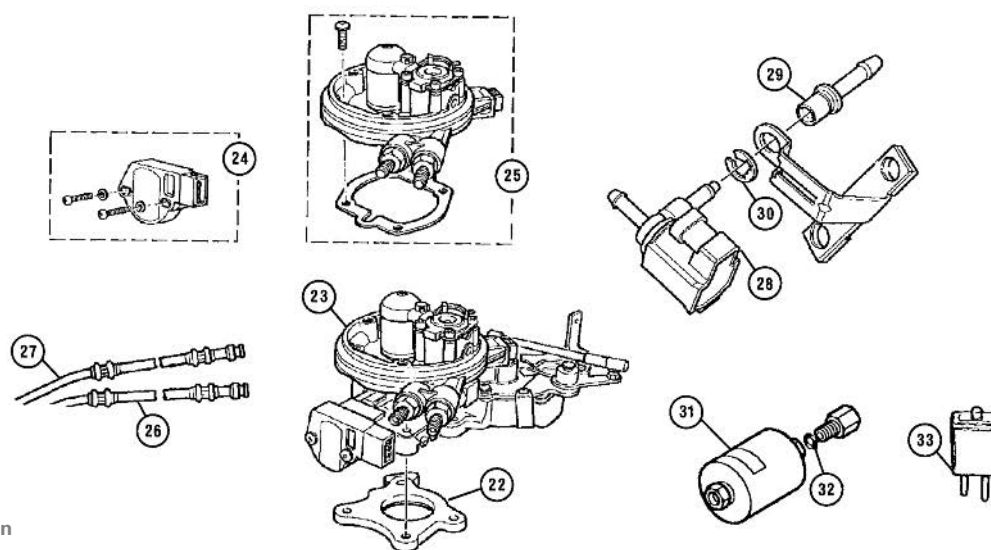
Carburettor Fixings

ill.	Part Number	Price £ea.	Description	Req.	Details
1	AEC2083	£0.46	GASKET, carburettor to manifold	3	HS4 carburettors
2	12H1389	£20.40	SPACER, carburettor to manifold	1	
3	12G766	£Call	BRACKET, cable & spring	1	
4	GHF333	£0.16	WASHER, locking, carb. to manifold	2	
5	NT606041	£0.40	NUT, carburettor to manifold	2	
6	ACC5062	£1.96	LEVER PIN	1	
7	GHF502	£0.10	SPLIT PIN	1	
8	12A4	£1.50	TAG, return spring on lever	1	
9	21A839	£2.95	SPRING, throttle return	1	
	1E5537	£3.76	SPRING, throttle return	1	
10	GHF200	£0.10	NUT	1	HIF44 carburettors
11	GHF300	£0.10	WASHER	1	
12	112867	£0.46	GASKET, carburettor to manifold	3	
13	112866	£3.35	SPACER, carburettor to manifold	1	
14	CAM4942	£Call	BRACKET, cable	1	
15	GHF332	£0.16	WASHER, locking	4	
16	NT605041	£0.16	NUT, carburettor to manifold	4	

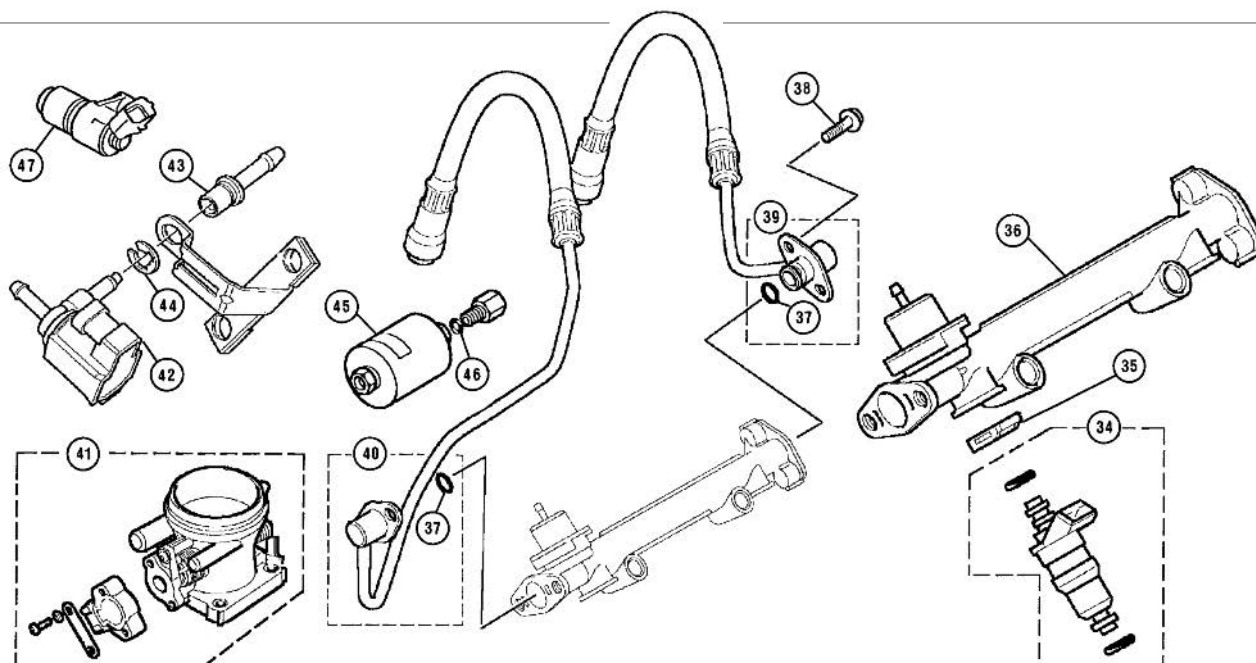
Engine Controls

17	NAM7914	£5.35	ACCELERATOR CABLE	1	all 998cc models
	CAHT85	£6.58	ACCELERATOR CABLE	1	special tuning cable
					(Nylon inner sleeved to create smoother action. 5 inches longer making it ideal for Weber fitment).

ill.	Part Number	Price £ea.	Description	Req.	Details
	MCR104	£10.36	ACCELERATOR CABLE, RHD	1	1300cc Cooper
	MCR104	£10.36	ACCELERATOR CABLE, RHD	1	SBB10099 alternative
	SBB10126	£12.46	ACCELERATOR CABLE, LHD	1	1300cc Cooper
	SBB102510	£29.95	ACCELERATOR CABLE, RHD	1	late spi
				1	VIN 604847 On
	SBB103400	£19.96	ACCELERATOR CABLE, RHD	1	mpi 1996-On
	SBB103720	£69.95	ACCELERATOR CABLE, LHD	1	mpi 1996-On
	NNS10001	£89.95	SWITCH, ECU	1	accelerator pedal
			(Input, (ECU), electric control unit spi).	1	switch
18	11H1172	£1.85	CLIP, cable to pedal	1	From VIN253000
				1	To VIN303802
	DCP7342	£1.25	CLIP, cable to pedal	1	From VIN303803 On
19	21A1202	£24.95	CHOKE CABLE	1	Mkl and Mkl
	21A2329	£10.55	CHOKE CABLE	1	998cc To VIN278182
	MCR106	£15.60	CHOKE CABLE	1	998cc VIN278183 On
	MCR105	£11.65	CHOKE CABLE	1	Cooper 1300cc
	MCR105	£11.65	CHOKE CABLE	1	SBF10031
				1/2	alternative
20	AUE34	£1.96	NIPPLE, cable end	1/2	quantity reduced
				1	for 998cc
21	516962A	£0.56	CLIP, choke cable to bracket	1	



Single Point Injection



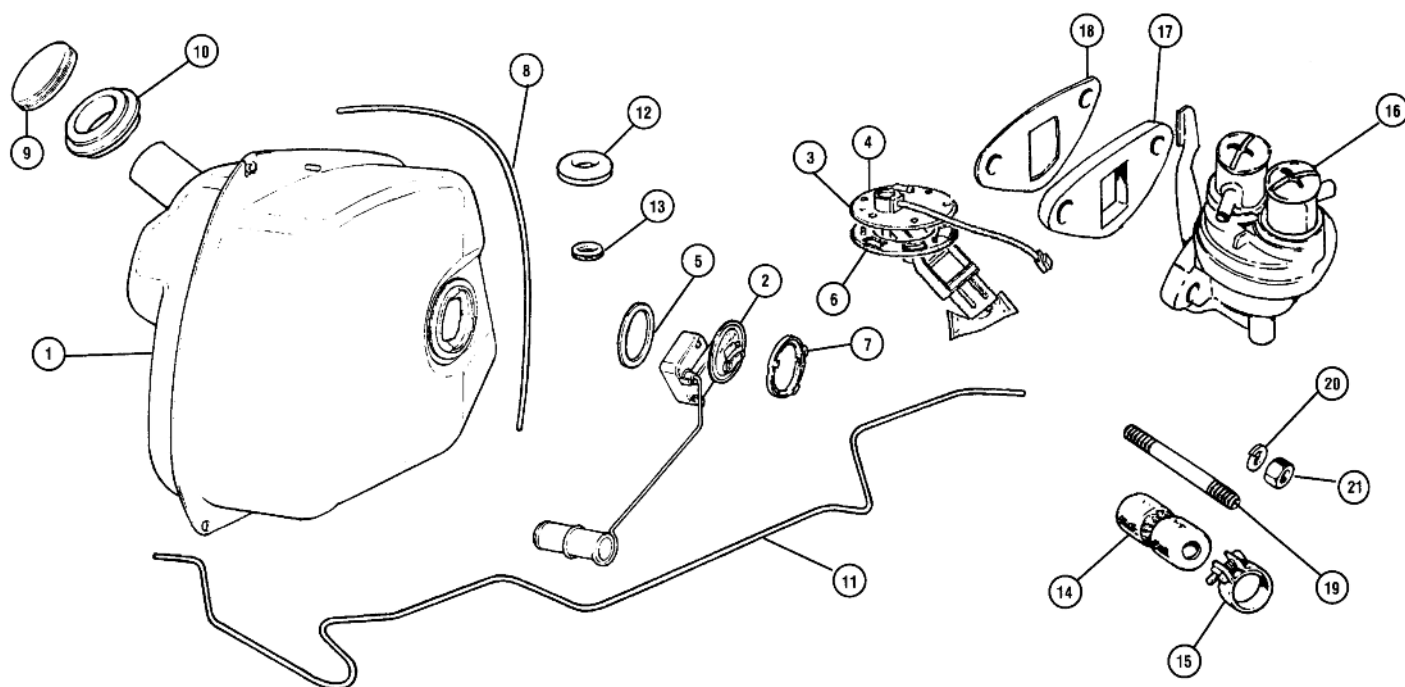
Multi Point Injection

ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Fuel Injection</b>					
<b>Single Point Injection</b>					
22	LZV1101EVA	£15.95	SPACER, throttle body	1	
23	MLB10028	£398.95	THROTTLE BODY	1	spi includes injector
24	MMJ10003	£193.96	THROTTLE POTENTIOMETER	1	spi
25	MMJ10004	£404.95	INJECTOR ASSEMBLY	1	spi
26	WJH104300	£Call	HOSE, fuel supply	1	
27	WJH104310	£Call	HOSE, fuel return	1	
28	AUU1503	£189.95	PURGE VALVE	1	
29	JZV1223	£1.85	TUBE, purge valve	1	
30	JZV1224	£0.46	CLIP, tube	1	
31	GFE7059	£11.95	FILTER, fuel	1	
32	EDP9976	£0.85	SEAL	2	seal at fuel filter
33	NPC10001	£18.20	FUEL TRAP	1	
	NNS10001	£89.95	PEDAL SWITCH	1	

**Multi Point Injection**

34	MJY100460	£129.95	FUEL INJECTOR	2	mpi
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ill.	Part Number	Price £ea.	Description	Req.	Details
35	MHN10004	£Call	CLIP, hold fuel injector	2	mpi
36	MJN100670	£Call	FUEL DELIVERY RAIL	1	mpi
37	BAU5325	£7.96	SEAL	2	mpi 'O' ring seal fuel delivery & return pipes to fuel rail
38	MYP100300	£1.45	BOLT	4	fuel hose to delivery rail
39	WJH103900	£51.95	HOSE, fuel supply	1	
40	WJH103910	£61.96	HOSE, fuel return	1	
41	MHB000480	£639.95	THROTTLE BODY, plastic	1	mpi 48mm
	MT3601	£193.96	THROTTLE BODY, alloy	1	mpi replacement 48mm
	MT3602	£198.95	THROTTLE BODY, alloy	1	mpi replacement 52mm
42	AUU1503	£189.95	PURGE VALVE	1	
43	JZV1223	£1.85	TUBE, purge valve	1	
44	JZV1224	£0.46	CLIP, tube	1	
45	GFE7059	£11.95	FILTER, fuel	1	
46	EDP9976	£0.85	SEAL	2	seal at fuel filter
47	MHK100600	£182.95	SENSOR, manifold pressure	1	



### Fuel Tank and Pump

Note: 5.5 gallon fuel tanks are no longer available. Use ARP1043 with 21A2838 strap.

ill.	Part Number	Price £ea.	Description	Req.	Details
1	ARP1043	£215.00	FUEL TANK, 7.5 gallon	1	carburettor models
	WFE106090	£255.00	FUEL TANK, 7.5 gallon	1	injection models
	21A2838	£15.60	FUEL TANK, tank support	1	diagonal fit
	SH605181	£0.85	SCREW, strap to floor	1	
	346071A	£1.40	CAGED NUT, on boot floor bracket	1	
2	XNB10007	£17.95	SENDER UNIT, fuel tank	1	carburettor only
	XNB100380	£29.95	SENDER UNIT, fuel tank	1	injection only
3	WFX10045	£Call	FUEL PUMP	1	spi
4	WFX100810	£359.95	FUEL PUMP	1	mpi
	WFX100810	£359.95	FUEL PUMP, alternative	1	
5	ARA1502	£2.00	SEAL, sender unit	1	
6	EDP9317	£13.25	SEAL, fuel pump	1	injection only
7	ARA1501	£0.80	RING, locking, sender unit	1	
8	GW202M	£0.85	PIPE, tank vent	a/r	per metre
9	WLD10027	£5.41	FUEL CAP, non locking	1	
	WLD100310	£13.96	FUEL CAP, locking	1	
	21A2109	£4.70	SEAL, fuel cap	1	
10	14A7057	£6.70	SEAL, filler neck to body	1	
	2A2069	£1.15	SEAL, filler neck foam	1	alternative
11	37H7148M	£6.20	PIPE, fuel, tank to pump	a/r	per metre
	21A2183	£388.94	FUEL TANK, right hand	1	Cooper S, 5.5 gal
	21A2185	£485.95	FUEL TANK, right hand, alloy	1	Cooper S, 5.5 gal
	MT3121	£61.94	FITTING KIT, right hand tank	1	tank fitting kit
	GAC8436X	£10.25	FILLER NECK KIT	1	
	GAC8436Q2	£2.51	NECK SEAL	1	dummy seal for GAC8436X
	21A291Z	£Call	FUEL TANK, van/estate/pickup	1	use only vented cap
	WLD10027	£5.41	FUEL CAP, non locking	1	vented
	21A2109	£4.70	SEAL, fuel cap	1	
	AAU8340	£24.95	SENDER UNIT	1	
	2H1082	£0.34	GASKET, sender unit	1	
	21A304	£1.55	NUT, large	3	fits at rear of tank
	AB614101	£0.65	SCREW, large	3	for 21A304
	21A305	£1.48	NUT, small	3	fits at rear of tank
	AB614061	£0.70	SCREW, small	3	for 21A305

(If you want the right hand tank look without the tank, this dummy filler neck is the answer, supplied complete with neck seal).

Note: For the main feed pipe 4 metres is required. This can then be cut to the correct length.

CDU2283M	£8.60	HOSE, fuel, rubber	a/r	per metre
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Note: CDU2283M is only sold in metre lengths and must be cut to the following lengths: Tank to main pipe 11", main pipe to pump 3", pump to pipe 3", pipe to carburettor 3".

12	ACB8474	£1.85	GROMMET	1	fuel pipe through floor
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ill.	Part Number	Price £ea.	Description	Req.	Details
13	RFN403	£1.25	GROMMET	1	tank vent pipe through floor
	WYA10001	£9.95	GROMMET, oval hole 2in fuel lines	1	MPI
			(Required also if a new body shell has been purchased).		
14	GGT101	£1.99	HOSE, fuel, braided	a/r	2.5" long
	GGT102	£4.03	HOSE, fuel, braided	a/r	6.75" long
	GGT104	£5.16	HOSE, fuel, braided	a/r	10.0" long
	GGT105	£5.48	HOSE, fuel, braided	a/r	11.75" long
	GGT106	£5.58	HOSE, fuel, braided	a/r	14" long
15	GGT1117X	£1.10	CLIP, for braided hose	a/r	
16	AZX1817	£52.96	FUEL PUMP, mechanical	1	all 998cc models
	AZX1818	£52.96	FUEL PUMP, mechanical	1	Cooper 1300cc
17	GUG705603GM	£8.60	SPACER, pump to block	1	
18	GUG705779GM	£0.61	GASKET, mechanical pumps	2	
19	CHS2515	£0.95	STUD, for mechanical pump	2	
20	GHF332	£0.16	WASHER, locking	2	
21	GHF201	£0.10	NUT	2	
	AUF214	£78.95	FUEL PUMP, electric	1	point type To 1970
	AUF214Z	£54.95	FUEL PUMP, electric, aftermarket	1	point type To 1970
	AUB6106A	£14.95	CONTACT SET	1	
	AUB663	£5.56	BANJO	2	
	AUB676	£0.85	SEALING WASHER	a/r	
	AUB617	£3.80	FILTER	1	
	WZX1701	£28.96	VALVE KIT	1	

### Interrupter Fuel Pump Kits

Note: These pumps can be mounted either at the front or rear of the car.

TMG2930K	£97.96	FUEL PUMP KIT, negative earth	1	18 gal/hr flow 4.0 psi
TMG2930P	£71.95	FUEL PUMP KIT, positive earth	1	18 gal/hr flow 4.0 psi
MGS2930K	£96.95	FUEL PUMP KIT, negative earth	1	25 gal/hr flow 5.0 psi
TT2930	£97.96	FUEL PUMP KIT, negative earth	1	38 gal/hr flow 6.5-7.0 psi

### Solid State Fuel Pump Kits

Note: These pumps are required to be fitted within 12 inches of the fuel supply (tank) and below the fuel outlet because they rely on a gravity feed.

TMG2931K	£57.95	FUEL PUMP KIT, negative earth	1	18 gal/hr flow 4.0-5.5 psi
MGS2931	£58.66	FUEL PUMP KIT, negative earth	1	25 gal/hr flow 6.0-7.0 psi

Note: We recommend that you fit an in line pressure regulator/filter.

TT2927	£45.52	FILTER/REGULATOR (67mm deep glass bowl, 6mm unions).	1	road, competition
C41220AX	£45.20	INERTIA SWITCH KIT (Cuts electrical supply to pump).	1	inline switch

ill.	Part Number	Price £ea.	Description	Req.	Details
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**Fuel Pump Unions**

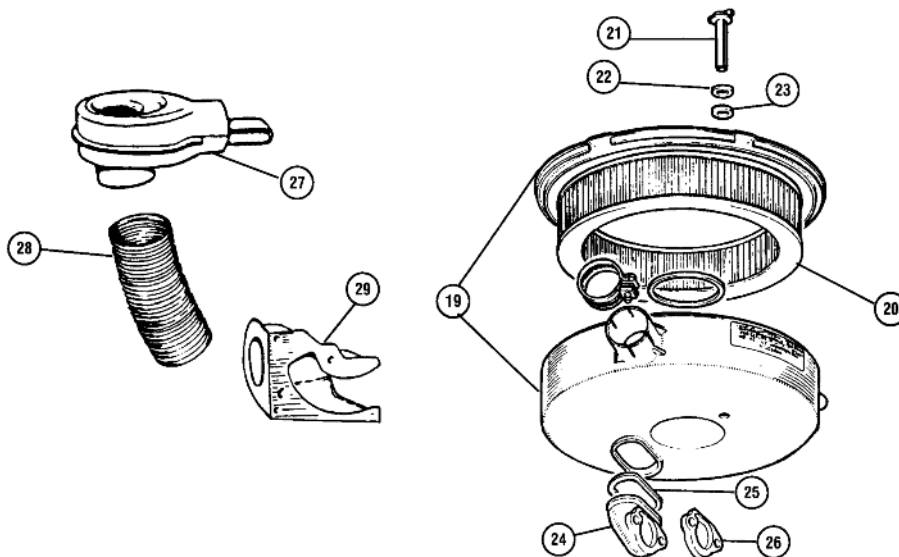
				Pipe	Thread
FPA903B	£1.99	UNION, straight	a/r	1/4 (6mm)	1/8 npt
MOC1604	£3.25	UNION, straight	a/r	5/16 (8mm)	1/8 npt
FPA904/B	£3.06	UNION, straight	a/r	3/8 (10mm)	1/8 npt
MOC1841	£5.95	UNION, 90°	a/r	5/16 (8mm)	1/8 npt
TT2930A	£10.99	UNION, 90°, (pair)	a/r	5/16 (8mm)	1/4 npt
FPA902B	£10.25	UNION, 90°, (pair)	a/r	3/8 (10mm)	1/4 npt

ill.	Part Number	Price £ea.	Description	Req.	Details
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**Fuel Filter/Regulators & Unions**

Note: We recommend that you fit an in line pressure regulator/filter with uprated fuel pumps. Also see Accessories section.

				Pipe	Thread
TT29321	£7.94	UNION, (pair)	a/r	1/4 (6mm)	1/8 npt
TT2927	£45.52	FILTER/REGULATOR (67mm deep glass bowl, 6mm unions).	1	road/competition	
C41220AX	£45.20	INERTIA SWITCH KIT (Cuts electrical supply to pump).	1	inline switch	
PRO804	£11.32	IN LINE FILTER, chrome/glass	1		



ill.	Part Number	Price £ea.	Description	Req.	Details
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**Air Filters**

19	12G4298	£Call	AIR FILTER ASSEMBLY	1	998cc non servo
20	GFE1002	£6.20	ELEMENT, air filter	1	all 850cc models
	GFE1008	£7.20	ELEMENT, air filter	1	all 998cc models
	GFE1096	£5.15	ELEMENT, air filter	1	Cooper 1300cc + SE
	GFE1143	£12.20	ELEMENT, air filter	1	injection spi and mpi
21	12G1811	£Call	WING NUT, filter casing	2	
22	12A1436	£0.76	WASHER, steel	2	
23	12A1437	£0.70	WASHER, fibre	2	

Note: If you require a high performance air filter, please see the Accessories section for K&N range of air filters, or contact your local branch.

24	12G1812	£Call	ELBOW, filter case to carburettor	1	all 998cc models
	CAM4694	£Call	ELBOW, filter case to carburettor	1	Cooper 1300cc + SE
25	12A1433	£1.85	SEAL, elbow to filter seal	1	
26	12G2125	£0.26	GASKET, elbow to carburettor	1	all 998cc models
	GUG705576GM	£0.77	GASKET, elbow to carburettor	1	Cooper 1300cc + SE
27	12G3210	£21.40	CONTROL, air temperature	1	all 998cc models
28	12H4344	£9.85	HOSE, (cut to length)	1	998cc non servo and Cooper
	LKM10002	£Call	HOSE, (cut to length)	1	998cc direct servo
29	12G3213	£Call	DUCT, warm air	1	998cc non servo
	TAM2149	£Call	DUCT, warm air	1	998cc direct servo
	CAM6767	£Call	DUCT, warm air	1	Cooper 1300/1275cc

**K&N Air Filters****Replacement Elements**

Note: These filters fit inside the standard air filter case.

KNE2601	£41.95	K&N ELEMENT, air filter	1	HS4 and HIF38
KNE9172	£42.95	K&N ELEMENT, air filter	1	injection cars, spi and mpi

**Bolt-On Air Filters**

Note: These filters replace the air filter and elbow, bolts directly to carburettor.

KN56-9128	£79.96	AIR FILTER	1	HS4 1-1/2" SU
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ill.	Part Number	Price £ea.	Description	Req.	Details
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KN56-9142	£84.95	AIR FILTER, oval (7" wide x 5" high x 1-3/4" deep).	1	HS6 1-3/4" SU with offset hole
KN56-9320	£79.96	AIR FILTER, tapered	1	HS4 1-1/2" SU
KN56-9327	£84.95	AIR FILTER, tapered	1	HS6 1-3/4" SU
KN56-9330	£71.95	AIR FILTER, tapered	1	HIF6/44 1-3/4" SU
KN62-1010	£25.96	BREATHER FILTER	a/r	1/2" inlet
KN62-1330	£24.35	BREATHER FILTER	a/r	1/2" inlet
KN99-0621	£10.36	CLEANING FLUID, 1ltr	a/r	
KN99-11312	£5.20	FILTER OIL, sachet, 14ml	a/r	
KN99-0533	£4.94	FILTER OIL, 250ml	a/r	
KN99-0516	£7.50	FILTER OIL, aerosol, 335ml	a/r	

**57i Induction Kits**

Note: These kits replace the air filter case and are supplied with cold air ducting.

KN57-0082	£85.28	57i INDUCTION KIT	1	spi models
KN57-0189	£123.35	57i INDUCTION KIT	1	mpi models

**Stub Stacks****HS4 Stub Stacks**

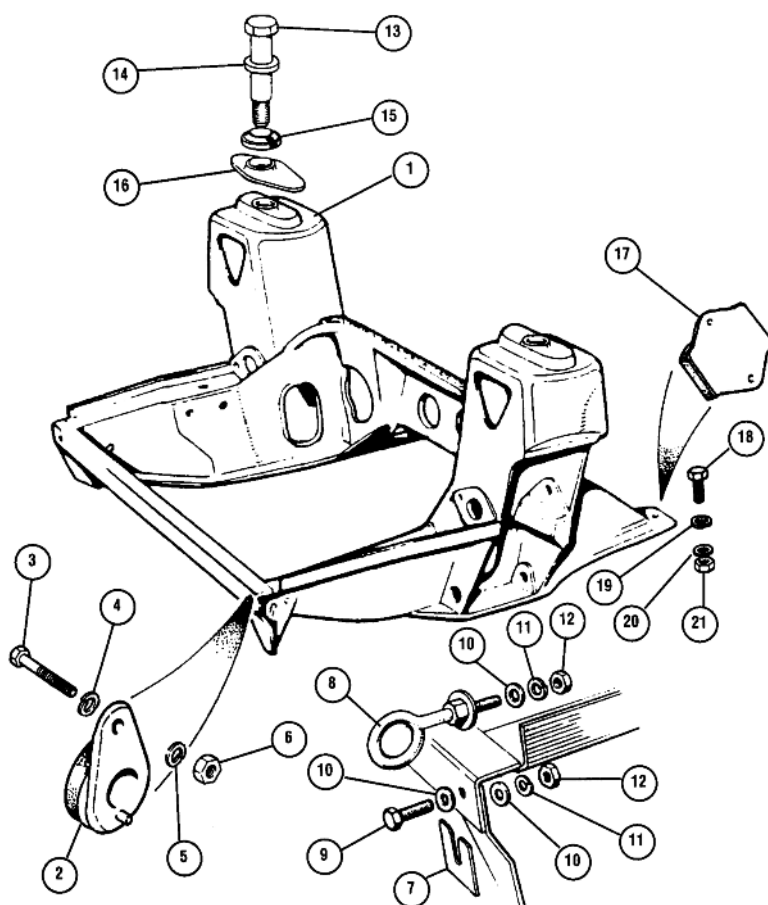
SFR430	£24.46	STUB STACK, 30mm	1	silver polished
SFR430R	£Call	STUB STACK, 30mm	1	red anodised
SFR430B	£Call	STUB STACK, 30mm	1	blue anodised
SFR2	£14.20	STUB STACK, short	1	period style
SFR8	£14.20	STUB STACK, long	1	period style

**HS6 Stub Stacks**

SFR650	£24.46	STUB STACK	1	silver polished
SFR650R	£Call	STUB STACK	1	red anodised
SFR650B	£Call	STUB STACK	1	blue anodised
SFR3	£14.20	STUB STACK, short	1	period style
SFR9	£14.20	STUB STACK, long	1	period style

**HIF SU's Stub Stacks**

SFR4430	£24.46	STUB STACK	1	silver polished
SFR4430B	£24.46	STUB STACK	1	blue anodised

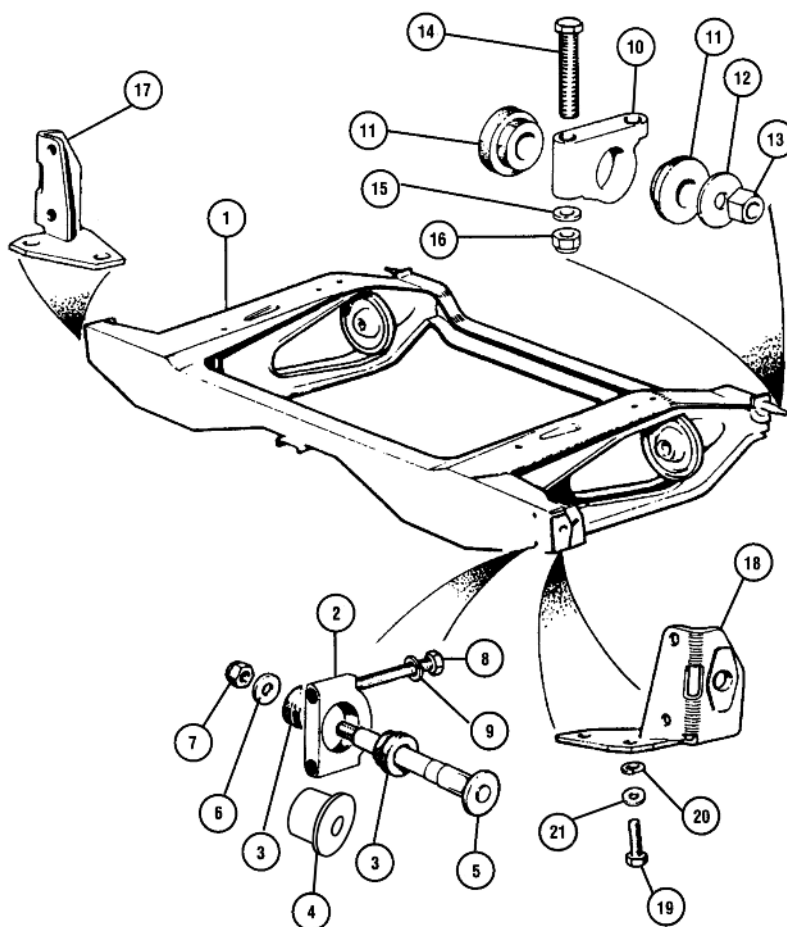


ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Front Subframe</b>					
1	21A2570	£394.45	FRONT SUBFRAME	1	To 1975
	21A2774	£Call	FRONT SUBFRAME	1	1974-76
			(Lower steady bar fitted to LH rear of subframe).		
	KGB10022	£375.00	FRONT SUBFRAME, BMH	1	998cc 1976-On
	FAM8108Z	£Call	FRONT SUBFRAME, aftermarket	1	998cc 1976-On
	KGB10027	£375.00	FRONT SUBFRAME, BMH	1	1300cc 1991-96
	KGB100500	£375.00	FRONT SUBFRAME	1	1997-On
			(Front mounted radiator).		
	KGB10024	£375.00	FRONT SUBFRAME	1	Automatic models
	HMP241001	£1591.22	ASSEMBLED FRONT SUBFRAME, BMH	1	1976-98
			(Lower steady bar fitted to RH front of subframe. Includes full suspension, brakes, drive shafts).		
	HMP241003	£1591.22	ASSEMBLED FRONT SUBFRAME, BMH	1	1275cc MkIV
			(Radiator front mounted. Includes hubs and brakes).		
2	21A2624	£11.26	FRONT MOUNTING, teardrop, OE	2	
	21A2624Z	£3.40	FRONT MOUNTING, teardrop	2	aftermarket
	21A2624X	£26.50	FRONT MOUNTING, teardrop, (single)	2	blue anodised machined billet alloy
	CSTR641	£19.34	FRONT MOUNTING, teardrop, (pair)	1	cast alloy

Note: See the Accessories section for more polyurethane and solid subframe mounting options.

iii.	Part Number	Price £ea.	Description	Req.	Details
7	2A4292	£8.86	PACKING (Subframe to front valance standard fitment 96 on required when fitting 13 inch wheels or 165/60/12 tyres to 4.5 + wide wheels to space the front panel slightly forward).	a/r	
8	21A1241	£8.65	EYE BOLT	2	alternatives
	KPU100160	£21.40	EYE NUT, towing eye	2	female fitment
9	GHF105	£0.20	BOLT	2	alternatives
10	GHF302	£0.18	WASHER, plain	2	
11	GHF333	£0.16	WASHER, locking	2	
12	FNZ506	£0.46	NUT	2	
13	21A2596	£Call	BOLT, subframe tower mounting	2	
14	53K3755	£0.95	WASHER	2	
15	KGE100050	£7.66	BUSH, bolt to crossmember	2	
	KAD1013297	£16.30	BUSH, alloy, bolt to crossmember (Eliminates front subframe movement).	2	solid subframe mounting
	CSTR640	£20.40	BUSH KIT, alloy kit, set of 4 (Replaces both top and bottom pads between cross member and subframe).	1	
					solid tower mount kit
16	21A2598	£19.94	PAD, subframe to body, rubber	2	
	KGE100060SPK	£32.48	PAD KIT, subframe to body, poly	1	
			(Kit includes: 2 tower mounting pads & 2 tower bolt washers).		
17	21A2599Z	£3.20	REAR MOUNTING	2	
	CSTR642	£26.50	REAR MOUNTING, (pair) (Eliminates front subframe movement).	1	solid steel subframe mount
				8	
18	SH605061	£0.20	SCREW	8	Mounting to toe board and subframe
19	WC108051	£0.14	WASHER, plain	8	
20	GHF332	£0.16	WASHER, locking	12	
21	GHF201	£0.10	NUT	8	



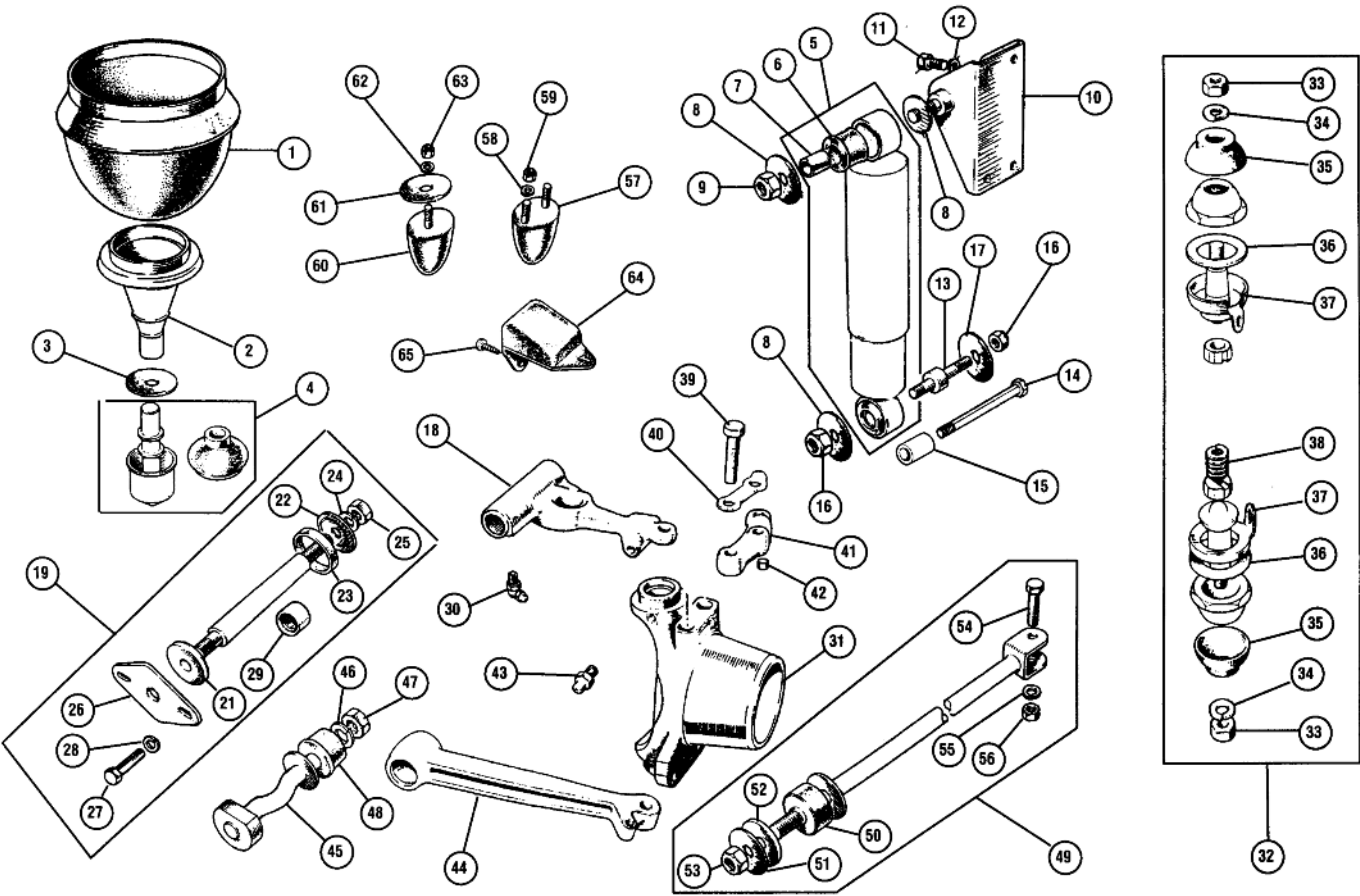


ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Rear Subframe</b>					
1	FAM6292	£350.00	REAR SUBFRAME, BMH (Bolt-on/cotton reel exhaust hangers).	1	pre-injection, dry
	FAM6292Z	£204.95	REAR SUBFRAME, aftermarket (Bolt-on/cotton reel exhaust hangers).	1	pre-injection, dry
	FAM6292A	£350.00	REAR SUBFRAME, BMH, Hi-Lo (Bolt-on/cotton reel exhaust hangers).	1	pre-injection, dry,
	21A2160	£350.00	REAR SUBFRAME, BMH	1	hydrolastic, wet
	KHB10023	£350.00	REAR SUBFRAME, BMH (Hook/rod type exhaust hangers. Without mounting trunnions)	1	to 1997
	KHB10026	£455.00	REAR SUBFRAME, BMH (Hook/rod type exhaust hangers. With mounting trunnions).	1	to 1997
	KHB100590	£350.00	REAR SUBFRAME, BMH (Hook/rod type exhaust hangers).	1	1997-On
	HMP241002	£1236.88	ASSEMBLED REAR SUBFRAME, BMH (Hook/rod type exhaust hangers. Including: trailing arms, suspension & brakes).	1	1976-On

Note: In 1976 the rear subframe were changed to a large single bush on the front mounting and the small split bushes kept on the rear mountings. The large bushes are used with 21A2558 trunnion. Note: see the Accessories section for more polyurethane and solid subframe mountings.

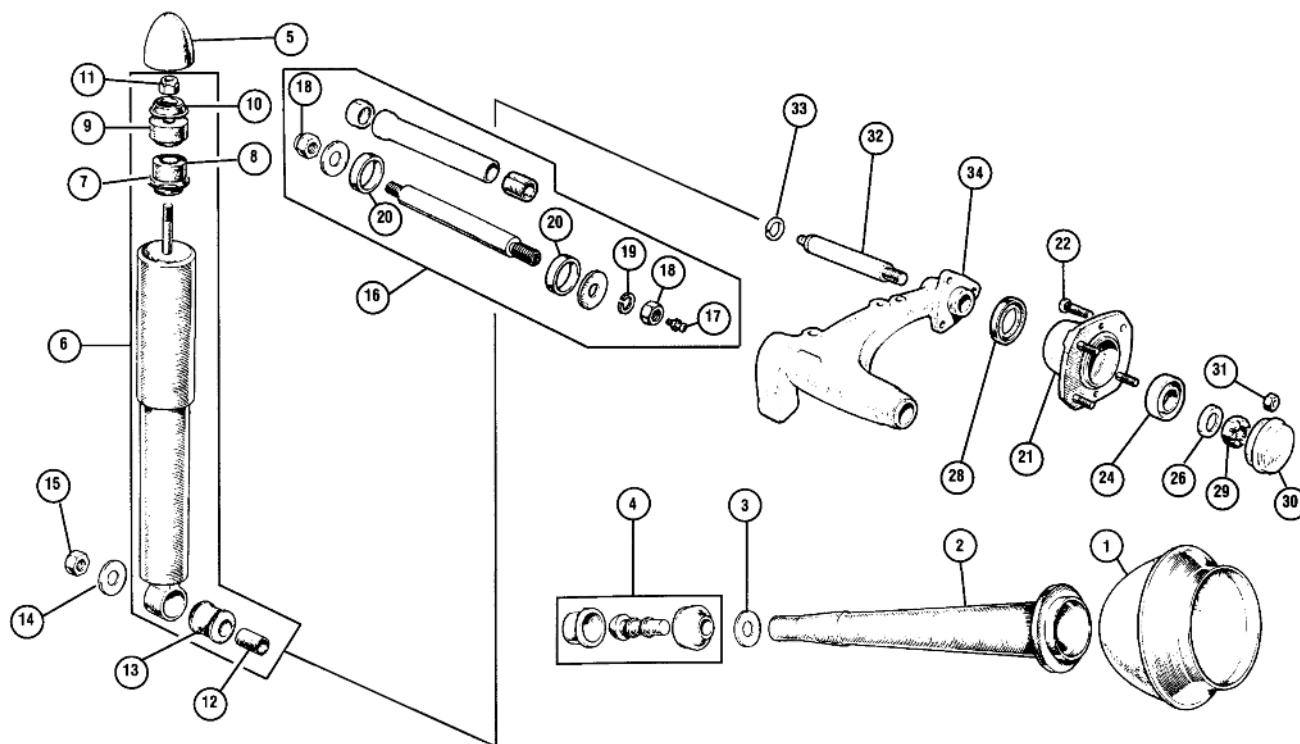
2	2A5819	£29.50	TRUNNION, stepped, front mount	2	To 1976
	21A2558	£29.50	TRUNNION, front mount	2	1976-On
3	2A5818	£1.07	MOUNTING BUSH, split type, rubber	4	To 1976
	2A5818SPK	£13.97	MOUNTING BUSH KIT, split type, poly (Kit includes: 4 bushes for one pair of trunnions).	1	front mount
4	21A2560	£4.85	MOUNTING BUSH, large, rubber	2	1976-On

ill.	Part Number	Price £ea.	Description	Req.	Details
	21A2560SPK	£14.58	MOUNTING BUSH KIT, large, poly (Kit includes: 2 bushes for one pair of trunnions).	1	front mount
5	21A1440	£17.26	SUPPORT PIN, front mounting	2	
6	PWZ207	£0.46	WASHER, plain	4	
7	LNZ207	£0.70	NUT, nyloc	4	
8	BH605101	£0.50	BOLT, front trunnion, short	2	To 1976
	BH605201	£0.74	BOLT, front trunnion, long	2	To 1976
	BH605201	£0.74	BOLT, front trunnion, long	4	1976-On
9	GHF332	£0.16	WASHER, locking	4	
10	2A5819	£29.50	TRUNNION, stepped	2	To 1976
11	2A5818	£1.07	MOUNTING BUSH, split type, rubber	4	all models
	2A5818SPK	£13.97	MOUNTING BUSH KIT, split type, poly (Kit includes: 4 bushes for one pair of trunnions).	1	rear mount
12	PWZ207	£0.46	WASHER, plain	4	
13	LNZ207	£0.70	NUT, nyloc	4	
14	BH605101	£0.50	BOLT, rear trunnion, short	2	
	BH605201	£0.74	BOLT, rear trunnion, long	2	
15	GHF301	£0.10	WASHER	4	
16	GHF222	£0.35	NUT, nyloc	4	
17	21A195	£33.95	BRACKET, radius arm RH	1	
18	21A197	£33.95	BRACKET, radius arm LH	1	
	WPT90021	£36.46	BRACKETS, radius arms, (pair)	1	adjustable camber
	WPT9002X	£35.70	BRACKETS, radius arms, (pair)	1	+ 1.5° extra -ve camber
19	GHF120	£0.16	SCREW, bracket to rear subframe	8	
20	GHF332	£0.16	WASHER, locking	8	
21	GHF301	£0.10	WASHER	8	



ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Front Suspension (Dry)</b>					
1	FAM3968	£49.96	RUBBER CONE, standard, metric thread	2	genuine Rover use with Hi-Lo kit softer, front and rear spring kit, replaces rubber cone
	FAM3968RX	£64.96	RUBBER CONE, uprated, metric thread	2	
	FAM3968X	£339.95	COIL SPRING KIT, blue	1	
	FAM3968HX	£347.95	COIL SPRING KIT, red	1	firmer, front and rear spring kit, replaces rubber cone
2	21A530	£32.50	STRUT	2	adjustable height kit front and rear
	GAC8437X	£129.95	HI-LO, suspension kit	1	
	GAC84371	£49.96	HI-LO TRUMPET (Inc: 2 x Hi-lo cones and 2 x 21A423).	1	
	GAC84374	£4.03	ALLEN BAR, front	1	adjustable suspension heights
	GAC8432X	£66.95	ADJUSTA-RIDE, suspension kit	1	adjustable height kit front
3	21A1845	£3.35	WASHER, packing (Cars with 12" wheels require 1 packing washer per side).	a/r	to raise ride height
4	GSV1118	£2.80	KNUCKLE JOINT	2	suspension knuckle cup
	21A423	£1.94	CUP	2	
	21A425	£0.86	GAITER	2	
5	GSA71541	£16.96	SHOCK ABSORBER	2	standard height
	GAC84011X	£74.95	SHOCK ABSORBER, Spax	2	
	GAC84021X	£61.96	SHOCK ABSORBER, Spax	2	
	GAC8401XG	£48.95	SHOCK ABSORBER, Gaz	2	standard height
	GAC8402XG	£48.95	SHOCK ABSORBER, Gaz	2	
	MT1302	£26.95	SHOCK ABSORBER, Gmax	2	
	SPCK19	£768.95	SHOCK ABSORBER KIT, Spax (Adjustable ride height for front and rear).	1	coil over kit, standard height
	SPCK20	£768.95	SHOCK ABSORBER KIT, Spax (Adjustable ride height for front and rear).	1	coil over kit, lowered height
6	21A1230	£1.75	BUSH, shock absorber	4	shock absorber bush
7	21A504	£2.40	SLEEVE	4	
8	AJD7162	£0.30	WASHER	8	
9	GHF223	£0.25	NUT, nyloc	2	top mount
10	21A471	£20.28	MOUNTING, RH	1	shock absorber top
	21A474	£20.28	MOUNTING, LH	1	
	GHF117	£0.16	SCREW, bracket to inner wing	8	
12	GHF331	£0.10	WASHER, locking	8	alternatives to item 13
13	2A4337	£3.65	PIN, lower shock absorber mount	2	
14	BH606321	£1.20	BOLT, lower shock absorber mount	2	
15	21A2694	£2.70	SPACER, (use with BH606321)	2	4/2
16	GHF223	£0.25	NUT, nyloc (Quantity reduced when item 14, (BH606321) is used).	4/2	
17	GHF302	£0.18	WASHER	2	
18	21A2690	£177.98	UPPER ARM, RH	1	drum brakes
	21A2691	£177.98	UPPER ARM, LH	1	
19	2A4325K	£17.40	REPAIR KIT, top fulcrum shaft	2	
21	2A4326	£20.95	THRUST COLLAR	2	disc brakes
22	2A7324	£2.71	THRUST WASHER	2	
23	2A7327	£1.01	SEAL, rubber ring on top arm	4	
	115702SP	£1.81	SEAL, polyurethane	4	alternative
24	GHF335	£0.20	WASHER, locking, shaft end	4	NUT, shaft end
25	FNZ508	£1.10	NUT, shaft end	4	
26	2A4327	£11.30	PLATE, shaft retaining	2	
27	SH604051	£0.16	SCREW, plate retaining	4	WASHER, locking
28	GHF331	£0.10	WASHER, locking	4	
29	88G302	£4.96	NEEDLE ROLLER, top arm	4	
30	UHN445	£1.25	GREASE NIPPLE, top arm	2	HUB CARRIER, RH
31	21A371	£65.95	HUB CARRIER, RH	1	
	21A372	£Call	HUB CARRIER, LH	1	
	FAM2390	£85.98	HUB CARRIER, RH	1	disc brakes
	FAM2391	£85.98	HUB CARRIER, LH	1	
32	GSJ166	£6.76	SWIVEL PIN KIT, (per side)	2	
33	FNZ507	£0.60	NUT, high tensile	4	SHIM, 0.005" (0.127mm)
34	GHF334	£0.20	WASHER, locking	4	
35	BTA377	£0.82	DUST COVER	4	
36	2A4240	£Call	SHIM, 0.005" (0.127mm)	a/r	LOCKTAB
37	2A4238	£2.26	LOCKTAB	4	
38	21A370	£Call	SPRING	2	
39	2A4315	£6.46	BOLT, steering arm to hub carrier	4	STEERING ARM, RH
40	2K5377	£2.95	LOCKTAB, steering arm	2	
41	BTA896	£37.66	STEERING ARM, RH	1	
	BTA897	£37.66	STEERING ARM, LH	1	Cooper S
	BTA894	£18.00	STEERING ARM, RH	1	
	BTA895	£18.00	STEERING ARM, LH	1	
42	FAM6924	£3.95	DOWL, steering arm locating	4	GREASE NIPPLE, swivel pin
43	UHN400	£0.66	GREASE NIPPLE, swivel pin	4	
44	21A1879	£30.84	LOWER ARM, RH	1	

ill.	Part Number	Price £ea.	Description	Req.	Details
	21A1881	£30.84	LOWER ARM, LH	1	LOWER ARMS, negative camber LOWER ARMS, adjustable (1 piece, forged, spherical-jointed rod end, adjustable lower arms (with joint) to allow adjustment for camber. Heat tested and crack tested).
	WPT9001X	£61.94	LOWER ARMS, negative camber	1	
	C-AJJ3363	£101.95	LOWER ARMS, adjustable	1	
45	2A4362	£15.98	FULCRUM PIN, lower	2	WASHER, locking
46	GHF333	£0.16	WASHER, locking	2	
47	FNZ506	£0.46	NUT	2	
48	2A4294	£Call	BUSH, lower arm, straight hole	4	1959-65
	21A1882	£1.06	BUSH, lower arm, tapered hole	4	1966-On
	21A1882SPK	£16.39	BUSH KIT, lower arm, polyurethane (Kit includes: 2 bushes & 2 tubes).	2	TIE BAR
49	21A450	£8.15	TIE BAR	2	
	8G4249	£14.35	TIE BAR KIT	2	
	WPT9003X	£30.60	TIE BARS, heavy duty, (pair)	1	per side
50	31G1155	£0.85	BUSH, tie bar end, rubber	4	BUSH, tie bar end, rubber
	31G1155H	£1.96	BUSH, tie bar end, rubber	4	
	31G1155VH	£1.80	BUSH, tie bar end, rubber	4	
	31G1155SPK	£11.76	BUSH KIT, tie bar end, polyurethane (Kit includes: 4 bushes).	1	harder road spec harder race spec
51	PWZ207	£0.46	WASHER, tie bar end	2	WASHER, cup tie bar end
52	2A4328	£1.66	WASHER, cup tie bar end	2	
	ACA9759	£2.15	WASHER SET, front tie bar	2	
53	GHF224	£0.30	NUT, nyloc tie bar end	2	BOLT, tie bar to lower arm
54	53K1031	£1.96	BOLT, tie bar to lower arm	2	
55	GHF332	£0.16	WASHER, locking	2	
56	FNZ505	£0.50	NUT	2	BUMP STOP, 2 stud fixing
57	2A4332	£7.66	BUMP STOP, 2 stud fixing	2	
58	GHF331	£0.10	WASHER, locking	4	
59	GHF200	£0.10	NUT	4	REBOUND BUFFER
	21A1598	£22.96	REBOUND BUFFER	2	
				2	
60	FAM2764	£5.32	BUMP STOP, 1 stud fixing	2	1976-On
61	FAM2767	£3.85	PACKING, bump stop	2	12" wheel models only
62	GHF331	£0.10	WASHER, locking	2	
63	GHF200	£0.10	NUT	2	
64	2A4267	£3.00	BUFFER, rebound	2	BUFFER, rebound
	2A4267P	£Call	BUFFER, rebound	2	
65	PMZ308	£0.17	SCREW, buffer retaining	4	
	MTR4201	£Call	GAUGE, camber (This gauge allows you to correctly set up your suspension to get the best from your Mini where it excels most, (the corners).	1	CONE COMPRESSOR
	MT9600	£26.95	CONE COMPRESSOR	1	
	GAC9424X	£58.96	CONE COMPRESSOR	1	



ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Rear Suspension (Dry)</b>					
1	FAM3968	£49.96	RUBBER CONE, standard, metric thread	2	genuine Rover
	FAM3968RX	£64.96	RUBBER CONE, uprated, metric thread	2	use with Hi-Lo kit
	FAM3968X	£339.95	COIL SPRING KIT, blue	1	softer
			(Front and rear coil spring kit that replaces the rubber cone).		
	FAM3968HX	£347.95	COIL SPRING KIT, red	1	firmer
			(Front and rear coil spring kit that replaces the rubber cone).		
2	21A1684	£Call	STRUT	2	
	GAC8437X	£129.95	HILO, suspension kit	1	adjust height kit front and rear
	GAC84371	£49.96	HILO TRUMPET	1	adjustable height
			(Includes 2 x Hilo cones & 2 x 21A423).		cones kit
	GAC84372	£17.95	RODS, extension, (pair)	1	used with GAC84371 when fitting to rear suspension
	GAC84373	£3.95	ALLEN BAR, rear	1	adjusting suspension height
	GAC8433X	£99.95	ADJUSTA-RIDE, suspension kit	1	adjustable height kit rear
3	21A1845	£3.35	WASHER	a/r	packing to raise ride height
4	GSV1118	£2.80	KNUCKLE JOINT	2	
	21A423	£1.94	CUP	2	suspension knuckle
	21A425	£0.86	GAITER	2	suspension knuckle
5	21A640	£Call	COVER, top shock absorber mounting	2	
6	GSA71542	£16.96	SHOCK ABSORBER	2	
	GAC84031X	£61.96	SHOCK ABSORBER, Spax	2	standard height
	GAC84041X	£61.96	SHOCK ABSORBER, Spax	2	lowered height
	GAC8403XG	£48.95	SHOCK ABSORBER, Gaz	2	standard height
	GAC8404XG	£48.95	SHOCK ABSORBER, Gaz	2	lowered height
	MT1302	£26.95	SHOCK ABSORBER, Gmax	2	30% uprated
	SPCK19	£768.95	SHOCK ABSORBER KIT, Spax	1	coil over kit (Height adjustable front and rear kit standard height).
	SPCK20	£768.95	SHOCK ABSORBER KIT, Spax	1	coil over kit (Height adjustable front and rear kit lowered height).
7	517984	£1.20	WASHER, lower bush retaining	2	
8	517985	£0.95	BUSH, lower top, s/absorber	2	
9	C2542	£Call	BUSH, upper top, s/absorber	2	
10	517984	£1.20	WASHER, upper bush retaining	2	
11	GHF273	£0.20	NUT, nyloc, top s/absorber mount	2	
12	21A504	£2.40	SLEEVE, bottom s/absorber bush	2	
13	21A1230	£1.75	BUSH, bottom s/absorber mounting	2	
14	AJD7162	£0.30	WASHER	2	
15	GHF223	£0.25	NUT, nyloc	2	
16	GSV1125	£12.95	REPAIR KIT	2	radius arm fulcrum pin

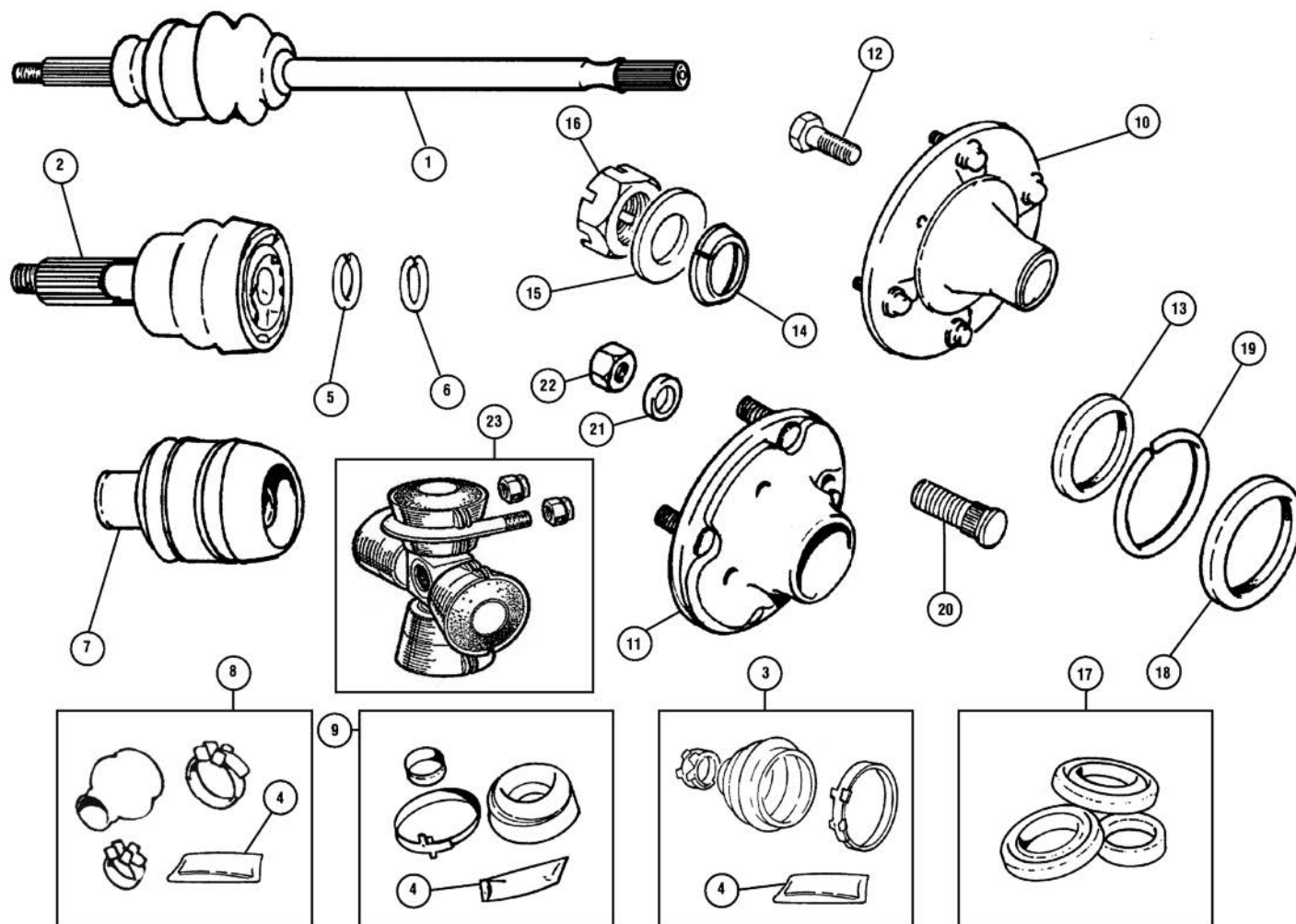
Note: GSV1125 requires a special tool for reaming after installation of the bearings. The special reamer 18G588 is NLA. However reconditioned and new radius arms are available. See below.

ACA9099	£8.12	SHAFT, radius arm	2
17 UHN400	£0.66	GREASE NIPPLE, fulcrum pin	2
18 FNZ508	£1.10	NUT, fulcrum pin	4

ill.	Part Number	Price £ea.	Description	Req.	Details
19	GHF335	£0.20	WASHER, locking	4	
20	2A7327	£1.01	SEAL, radius arm	4	
	115702SP	£1.81	SEAL, poly version of 2A7327	4	
<b>Rear Hub &amp; Stub Axle</b>					
21	21A2023	£31.25	HUB, with short studs	2	10" wheels To 1984
	RLH10021	£Call	HUB, with long studs	2	12" wheels 1984-On
	21A2023XR	£94.96	HUB, alloy, with long studs, red	2	includes bearings
	21A2023XB	£94.96	HUB, alloy, with long studs, blue	2	includes bearings
22	21A2064	£0.95	WHEEL STUD, short	8	10" wheels To 1984
	RLJ10001	£1.10	WHEEL STUD, long	8	12" wheels 1984-On
23	GHK1548	£11.95	HUB BEARING KIT, taper roller type	2	heavy duty
26	BTA672	£6.20	WASHER, hub	2	
28	GHS227	£2.65	SEAL, grease	2	all models
29	NL610041	£Call	NUT, RH hub	1	
	FNN2410	£3.95	NUT, LH hub	1	
30	ATB4098	£5.70	GREASE CAP	2	
31	88G322	£0.65	WHEEL NUT, round chamfer	16	standard 10" wheels
	113087	£3.01	WHEEL NUT, 60° chamfer angle	16	standard 12" wheels
	FAM5701	£7.85	WHEEL NUT, round chamfer*	16	10" with hub caps
	FAM3428	£Call	WHEEL NUT, 60° chamfer*	16	12" with hub caps
	RRD10009	£4.55	WHEEL NUT, 60° chamfer	16	Rover alloy wheels (Feature a loose washer and stainless cap).

\*Note: If your car is fitted with wheel trims retained by the wheel nuts, you will require wheel nuts marked with an asterisk. Care must be taken when ordering as 'radius' and 'chamfered' wheel nuts are not interchangeable!

32	2A7351	£Call	STUB AXLE, RH, rear	1	
	2A7364	£Call	STUB AXLE, LH, rear	1	
33	2A7352	£6.50	CIRCLIP, stub axle retaining	2	
34	NAM7162	£224.30	RADIUS ARM, RH, new	1	
	NAM7162N	£238.96	RADIUS ARM, RH, new, loaded	1	(Supplied with bearing, reamed bush, shaft and seals).
	NAM7162R	£44.95	RADIUS ARM, RH, reconditioned	1	(Refundable surcharge on this item - old unit required).
	NAM7163	£224.30	RADIUS ARM, LH, new	1	
	NAM7163N	£238.96	RADIUS ARM, LH, new, loaded	1	(Supplied with bearing, reamed bush, shaft and seals).
	NAM7163R	£44.95	RADIUS ARM, LH, reconditioned	1	(Refundable surcharge on this item - old unit required).
	21A1577Z	£59.95	HYDROLASTIC PIPE, suspension	2	universal replacement
	MTR4201	£28.96	GAUGE, camber measuring	1	(This gauge allows you to correctly set up your suspension to get the best from your Mini where it excels).
	21A1517	£Call	BUMP STOP, cone type	2	original
	21A1520	£13.20	BUMP STOP, flat type	2	alternative



ill. Part Number Price £ea. Description

Req. Details

### Drive Shafts and Flanges

1	GCV1104	£71.95	DRIVE SHAFT RH, no inner joint	1	drum brakes
	GCV1103	£71.95	DRIVE SHAFT LH, no inner joint	1	To 1984
	GCV1100	£Call	DRIVE SHAFT RH, no inner joint	1	disc brakes
	GCV1101	£Call	DRIVE SHAFT LH, no inner joint	1	1984-On
2	GCV1105	£33.20	CV JOINT, outer	2	drum brake models
	GCV1013	£29.50	CV JOINT, outer	2	disc brake models
3	GSV1185	£12.46	GAITER KIT, heavy duty, OE	2	to fit GCV1105
	GDG233	£6.95	GAITER KIT, standard duty, OE	2	
	GSV1053	£7.09	GAITER KIT, heavy duty, OE	2	to fit GCV1013
	GDG202	£7.96	GAITER KIT, standard duty, OE	2	
4	GDG999	£1.90	GREASE, separate sachet, 50cc	a/r	
5	37H8706	£4.75	CIRCLIP, inner CV thick section	2	
6	17H8597	£Call	CIRCLIP, outer CV tin section	2	
7	27H7880Z	£135.95	HARDY SPICER JOINT, inner	2	auto and Cooper S
	GCV1102	£33.95	POT JOINT, inboard	2	
	GCD101	£24.95	COUPLING, drive shaft, rubber	2	early Mini
	QL5000	£43.70	COUPLING, nylon	1	upgrade to GCD101
	GUJ101	£7.96	COUPLING REPAIR KIT (Repair kit for Hardy Spicer, (27H7880Z).	2	auto and Cooper S
8	GSV1192	£1.79	GAITER	2	sliding joint to drive shaft
	GSV1192Z	£Call	GAITER KIT	2	sliding joint to drive shaft
	21A963	£Call	GAITER, OE	2	sliding joint to drive shaft
9	GSV1073=	£Call	GAITER KIT, heavy duty, OE	2	to fit GCV1102
	GSV1073	£9.24	GAITER KIT, standard duty, OE	2	
	DMR54680	£15.26	INSTALL TOOL, CV boot	1	used to fit the CV gaiter
10	21A231	£32.65	DRIVE FLANGE	2	drum brakes
11	21A1270	£24.46	DRIVE FLANGE	2	7.5in disc brakes
					Cooper S
	21A2695	£29.75	DRIVE FLANGE	2	8.4in disc brakes
					disc
	NAM6450F	£39.80	DRIVE FLANGE	2	8.4in disc brakes
					vented

ill. Part Number Price £ea. Description

Req. Details

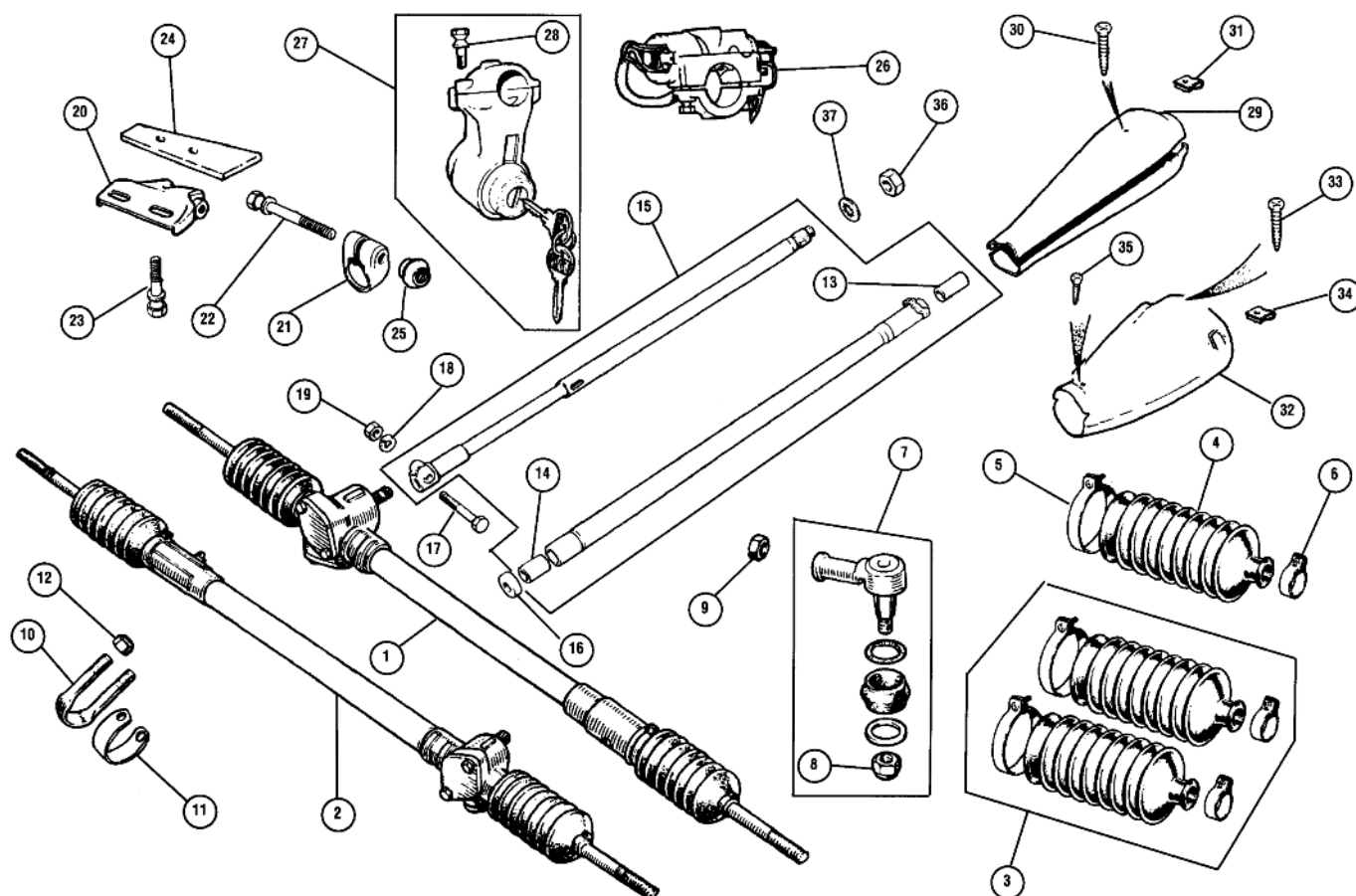
12	SF604061	£0.25	SCREW, drive flange to disc	8	7.5in disc brakes
					Cooper S
	BTA370	£1.36	BOLT, drive flange to disc	8	8.4in disc brakes
					disc
13	2A4295	£3.22	COLLAR, oil seal	2	drum brakes
14	FAM9270	£8.65	COLLAR, outer, tapered	2	disc brakes

Note: FAM9270 collar should be replaced whenever the hub nut BTA249 is removed! When re-installing the drive flange, collar and nut re-torque BTA249 without the collar but using a suitable sized flat washer then replace the flat washer with the tapered collar and re-torque.

15	2A7323	£3.10	WASHER, outer, plain	2	drum brakes
16	BTA249	£3.90	NUT, hub 1 5/16" AF	2	disc brakes
	21A79	£2.15	NUT, hub 1 1/8" AF	2	drum brakes
17	GHK1140	£23.45	HUB BEARING KIT, includes seals	2	disc brakes
	GHK1018	£21.40	HUB BEARING KIT, includes seals	2	drum brakes
18	GHS101	£1.45	OIL SEAL, outer	2	
	GHS173	£1.79	OIL SEAL, inner with shield	2	
19	2A4361	£Call	SPACER, 0.094" seal to bearing	2	disc brakes
	21A1307	£Call	SPACER, 0.229" seal to bearing	2	drum brakes
20	BTA339	£Call	STUD, 1.1875", 30mm, shaft length	8	disc brakes
	21A2064	£0.95	STUD, 1.375", 35mm, shaft length	8	drum brakes
21	88G322	£0.65	WHEEL NUT, round chamfer	8	standard 10" road wheels
	113087	£3.01	WHEEL NUT, 600 chamfer angle	2	standard 12" road wheels
	FAM5701	£7.85	WHEEL NUT, round chamfer*	16	10" with hub caps
	FAM3428	£Call	WHEEL NUT, 600 chamfer*	16	12" with hub caps
22	FAM2563	£2.35	WASHER, for wheel nut*	16	
	RRD10009	£4.55	WHEEL NUT	16	Cooper 1300cc

\*Note: If your car is fitted with wheel trims retained by the wheel nut, then you will require the wheel nuts marked with an asterisk. Care must be taken when ordering as 'radius' and 'chamfered' wheel nuts are not interchangeable!

GDC101	£20.40	DRIVE COUPLING, rubber	2	sold individually
QL5000	£43.70	DRIVE COUPLING KIT (nylon & roller bearing).	1	sold as a pair

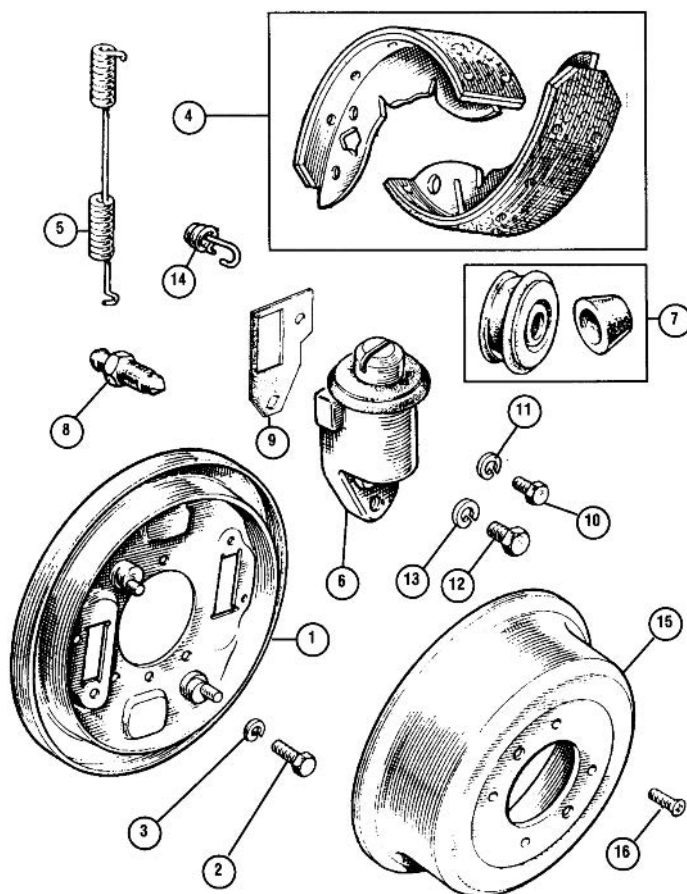


ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Steering Rack</b>					
<b>RHD Steering Rack</b>					
1	GSR371	£104.95	STEERING RACK	1	new
	CAJJ1570	£119.95	STEERING RACK, quick rack	1	2.2 turns lock to lock
<b>LHD Steering Rack</b>					
2	GSR1163	£104.95	STEERING RACK	1	new
	CAJJ1571	£119.95	STEERING RACK, quick rack	1	2.2 turns lock to lock
<b>Gaiters All Models</b>					
3	GSV1153	£5.60	GAITER KIT, for OE racks	1	2 boots and 4 metal clips
	GSV1153=	£5.05	GAITER KIT	1	2 boots and plastic ties
	GRG205	£11.56	GAITER KIT, for OE racks	1	2 boots and 4 plastic ties
	GRG210Z	£9.46	GAITER KIT, aftermarket racks	1	2 boots and 4 plastic ties
4	17H6298	£2.75	GAITER, OE racks only	2	single, no clips
5	ADG1682	£1.25	CLIP, large	2	gaiter to rack casing
6	GGT1117X	£1.10	CLIP, small	2	gaiter to track rod
7	GSJ734	£11.15	TRACK ROD END	2	
	GSJ734Z	£6.95	TRACK ROD END	2	
	GSJ158	£10.96	TRACK ROD END (Use when lowering car and or adding negative camber).	2	slightly longer in thread
	GSJ158Z	£8.95	TRACK ROD END, reproduction	2	
8	GHF223	£0.25	NUT, nyloc, imperial	2	track rod end
	NY210041	£1.15	NUT, nyloc, metric	2	to steering arm.

Note: Due to Rover changing sources on the track rod ends, the pin thread can vary. Please check before ordering, nuts with imperial threads use a 9/16" AF spanner.

9	FNZ208	£0.35	LOCK NUT, track rod end to track rod	2	
10	2A6208	£7.25	U BOLT, rack mounting to body	2	
11	21A2553	£0.97	PACKING PIECE, nylon strip	2	
12	GHF222	£0.35	NUT, nyloc	4	

ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Steering Column</b>					
Note: See Accessories section for our full range of steering wheels.					
	21A2252	£Call	HORN PUSH, centre	1	Mini motif MkII and MkIII
13	GSV1095	£1.96	BUSH, column top	1	
14	GSV1127	£5.60	BUSH, column lower, felt	1	To VIN 380107
	NAM8563	£5.10	BUSH, column lower	1	From VIN380108 On
	NAM8563SP	£7.38	BUSH, column lower, polyurethane	1	alternative
15	NAM8527	£289.96	COLUMN	1	fits all models To 1996
	QMB101550PMA	£376.94	COLUMN ASSEMBLY	1	mpi 1996-On
16	21A30	£1.85	SEAL, rack to body	1	
17	BH604111	£0.46	BOLT, pinching clamp	1	
18	GHF331	£0.10	WASHER, spring	1	
19	GHF200	£0.10	NUT	1	
20	21A2463	£8.75	BRACKET, clamp to body	1	
	GAC8426X	£4.96	DROP BRACKET, steering column	1	
21	21A2666	£4.55	CLAMP, column to bracket	1	
22	51K4006	£7.45	SHEARBOLT, column clamp	1	2.69" long
23	51K4002	£4.15	SHEARBOLT, bracket to body	2	1.45" long
24	21A2464	£11.18	NUT PLATE, bracket to body	1	
25	21H295	£2.95	NUT, column clamp	1	
26	18G8892	£Call	LOCK, steering, key in side	1	To 1976
27	BHM7107	£78.95	LOCK, steering, key facing driver	1	1976-On
	BHM7252	£Call	LOCK, steering, key facing driver	1	Mini 25
	QRF100750	£Call	LOCK, steering, key in side	1	mpi 1996-On
28	51K4001	£2.95	SHEARBOLT, steering lock	2	
29	18G8803	£Call	COWLING (With steering lock, single stalk)	1	
30	13H3737	£Call	SCREW, cowl to column	4	To 1976
31	GHF711	£0.16	SPIRE CLIP, on column	4	
32	BHM7085	£62.56	COWLING, twin stalks, black	1	
33	AD606083	£0.76	SCREW, cowl to column	3	1976-On
34	GHF711	£0.16	CLIP, on column	2	
35	AC606051	£0.17	SCREW, cowling, (twin stalks)	1	
36	ACH6001	£3.60	NUT, steering wheel retaining	1	1 5/16" AF
	QYH10007	£10.15	NUT, steering wheel retaining	1	1" AF
37	53K3480	£0.76	WASHER, shakeproof	1	use with ACH6001
	QYF10005	£Call	WASHER, shakeproof	1	use with QYH10007



ill. Part Number Price £ea. Description Req. Details

## Front Brakes

### Drum Brake Twin Leading Shoe (10" Wheels)

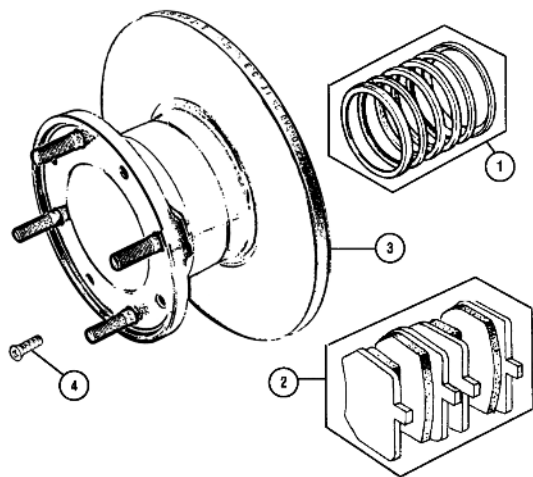
1	37H2013	£85.96	BACK PLATE, RH	1	
	37H2014	£85.96	BACK PLATE, LH	1	
2	SH605051	£0.30	BOLT, backplate to hub	6	
3	GHF332	£0.16	WASHER, locking	6	
4	GBS733AF	£14.20	BRAKE SHOES, set of four	1	asbestos free
5	AAU8243	£3.65	SPRING, brake shoe return	4	
6	GWC102	£Call	WHEEL CYL. RH, 0.8125 bore size	2	Mkl only, early back plate
	GWC102Z	£12.40	WHEEL CYL. RH, 0.8125 bore size	2	Mkl only, early back plate
	GWC103Z	£12.40	WHEEL CYL. LH, 0.8125 bore size	2	Mkl only, early back plate
	GWC126	£16.60	WHEEL CYL. RH, 0.9375 bore size	2	
	GWC126Z	£6.05	WHEEL CYL. RH, 0.9375 bore size	2	

ill. Part Number Price £ea. Description Req. Details

GWC127	£16.60	WHEEL CYL. LH, 0.9375 bore size	2
GWC127Z	£6.05	WHEEL CYL. LH, 0.9375 bore size	2

Note: When replacing the wheel cylinders you will probably need to replace the bolts (items 10 and 12).

7	GRK2002	£4.90	REPAIR KIT, wheel cylinder	4
	GRK2002Z	£3.10	REPAIR KIT, wheel cylinder	4
8	3H2428	£0.95	BLEED NIPPLE	4
9	37H3833	£0.55	GASKET, w/cyl to back plate	4
10	7H7520	£2.35	BOLT, w/cyl to back plate, (small)	4
11	GHF331	£0.10	WASHER, spring	4
12	SH605051	£0.30	BOLT, w/cyl to back plate, (large)	4
13	GHF332	£0.16	WASHER, spring	4
14	27H3753	£6.95	SPRING, retaining, shoe to cylinder	4
15	GDB105Z	£13.20	BRAKE DRUM	2
16	CMZ407	£0.46	SCREW, brake drum retaining	4



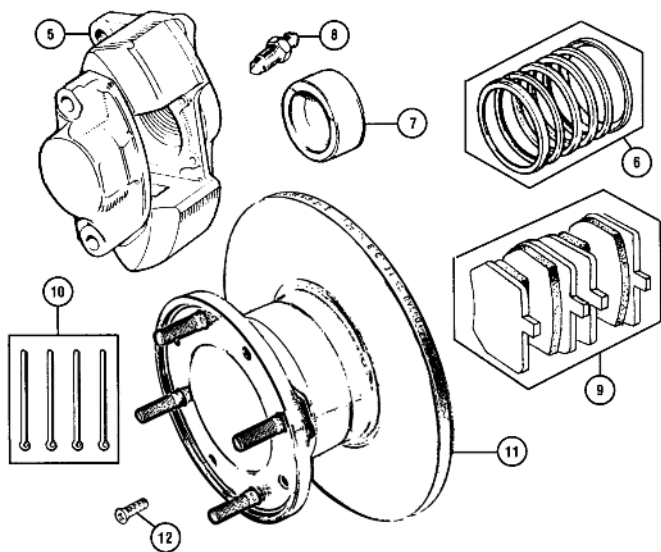
ill. Part Number Price £ea. Description Req. Details

## Brakes

### Front Disc Brakes 7.0" (10" wheels)

Note: Calipers for 7.0" disc brake model's are not available.

1	GRK5009Z	£2.95	SEAL KIT, per caliper	2
2	GBP102KV	£11.95	PAD SET, EBC Ultimax	1 road
	GBP102G	£31.96	PAD SET, EBC Greenstuff	1 road/fast road
	GBP102Y	£42.95	PAD SET, EBC Yellowstuff	1 fast road/track
3	BTA193	£79.96	DISC	2
4	CMZ407	£0.46	SCREW, disc to drive flange	8

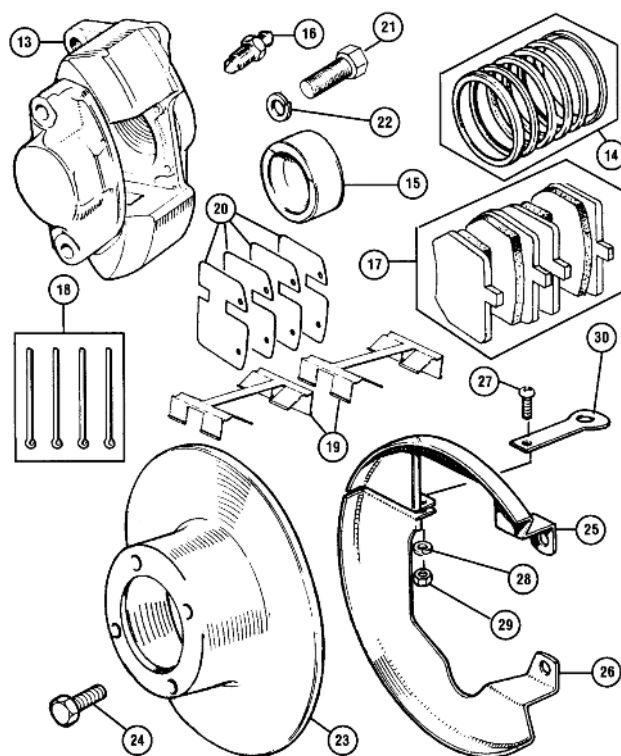


ill. Part Number Price £ea. Description Req. Details

### Front Disc Brakes 7.5" (10" Wheels)

5	27H4656	£164.95	CALIPER, RH, original	1	1275GT & Cooper S
	27H4657	£164.95	CALIPER, LH, original	1	
	27H4656Z	£74.95	CALIPER, RH, aftermarket	1	
	27H4657Z	£74.95	CALIPER, LH, aftermarket	1	
6	GRK5006Z	£4.15	SEAL KIT, per caliper	2	S and GT
7	17H8626SS	£8.40	PISTON, stainless steel	4	S and GT
8	3H2428	£0.95	BLEED NIPPLE	2	
9	GBP103AF	£15.85	PAD SET	1	
	GBP103KV	£14.80	PAD SET, EBC Ultimax	1	road
	GBP103G	£38.95	PAD SET, EBC Greenstuff	1	road/fast road
	GBP103Y	£46.96	PAD SET, EBC Yellowstuff	1	fast road/track
10	TMG307521	£1.70	SPLIT PIN	4	
11	GBD101	£30.95	DISC	2	
12	SF604061	£0.25	SCREW, disc to drive flange	8	
	TMG307521	£1.70	SPLIT PIN	4	
	17H8764	£5.20	SEAL, caliper bridge	2	seal not shown

Warning: Do not split the caliper into two halves unless absolutely necessary.



ill. Part Number Price £ea. Description Req. Details

### Front Disc Brakes 1984-On (12" Wheels)

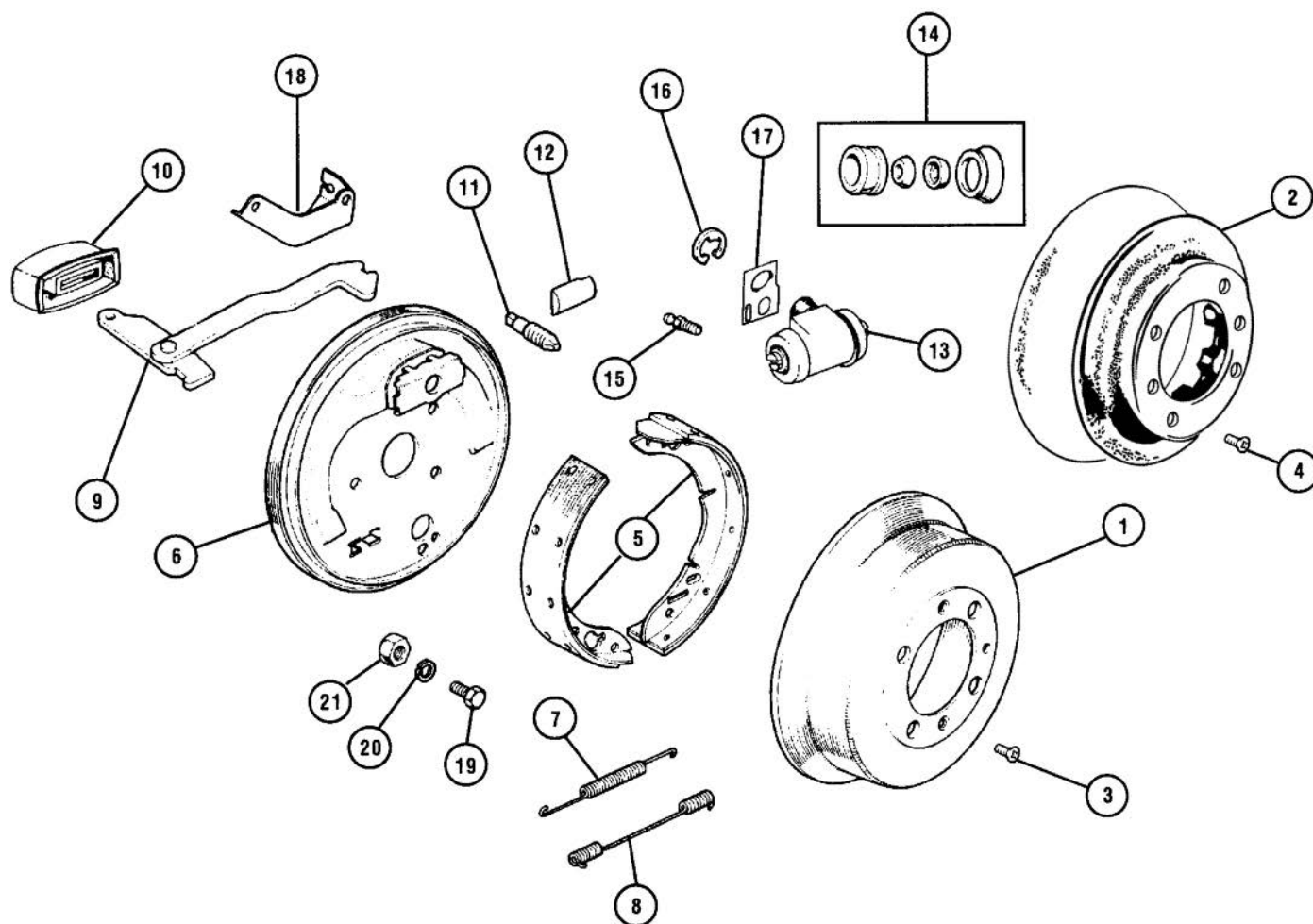
13	GBC141E	£64.96	CALIPER, RH, exchange	1
	GBC138E	£64.96	CALIPER, LH, exchange	1
14	GRK5008	£8.95	SEAL KIT, per caliper	2
15	17H7960	£9.35	PISTON, caliper	4
16	3H2428	£0.95	BLEED NIPPLE	2
17	GBP281	£10.96	PAD SET	1
	GBP281CM	£20.95	PAD SET, EBC Ultimax	1 road
	STR505G	£31.96	PAD SET, EBC Greenstuff	1 road/fast road
	STR505Y	£44.95	PAD SET, EBC Yellowstuff	1 fast road/track
	STR5051	£50.95	PAD SET, Mintex M1144	1 fast road/track
18	GBK1010	£0.85	SPLIT PIN, car set	1
19	17H7963	£1.13	SPRING CLIP, anti rattle	2
	17H7963X	£1.70	SPRING CLIP, anti rattle	2
20	17H2460	£1.10	SHIM, anti squeal	4
21	53K1048	£1.20	BOLT, caliper to hub	4
22	GHF333	£0.16	WASHER, spring	4
23	GBD90806	£12.65	DISC	2
	GBD90806Z	£13.25	DISC, aftermarket	2
24	BTA370	£1.36	BOLT, disc to drive flange	8
25	21A2613	£24.86	BACK PLATE, RH top	1
	21A2617	£24.86	BACK PLATE, LH top	1
26	21A2614	£24.86	BACK PLATE, RH lower	1
	21A2618	£24.86	BACK PLATE, LH lower	1
27	PMZ308	£0.17	SCREW, backplate	4
28	WL700101	£0.10	WASHER, locking	4
29	GHF206	£0.05	NUT	4
30	BTA1208	£3.25	BRACKET, back plate RH	1
	BTA1209	£3.25	BRACKET, back plate LH	1
	17H7679	£0.85	SEAL, caliper bridge	2 seal not shown

Warning: Do not split the caliper into two halves unless absolutely necessary.

### Front Disc Brake Parts - 4 Pots

GBD496	£21.05	BRAKE DISC, vented, each	2
MS0508	£Call	BRAKE DISCS, vented, 7.9", (pair)	1 fit 10" wheel only
KADDISC12	£Call	BRAKE DISCS, vented, (pair)	1 fit 12" wheel only
		(To fit 12" wheels with Metro or KAD type vented calipers).	
MT1203	£32.95	BRAKE DISCS, vented, (pair)	1 fit 12" wheel only
		(To fit 12" wheels with Metro or KAD type vented calipers).	
GBP258	£16.96	PAD SET, standard	1
GBP258KV	£29.95	PAD SET, EBC Ultimax	1 road
GBP258G	£46.96	PAD SET, EBC Greenstuff	1 road/fast road
GBP258Y	£56.95	PAD SET, EBC Yellowstuff	1 fast road/track
TMG309474	£Call	PAD SET, Mintex M1144	1 fast road/track
GRK5003	£9.49	SEAL KIT, brake caliper, '4 pots'	2 Metro/4 pot calipers
MT5402	£11.26	PISTON, caliper, stainless steel	8 Metro/4 pot calipers



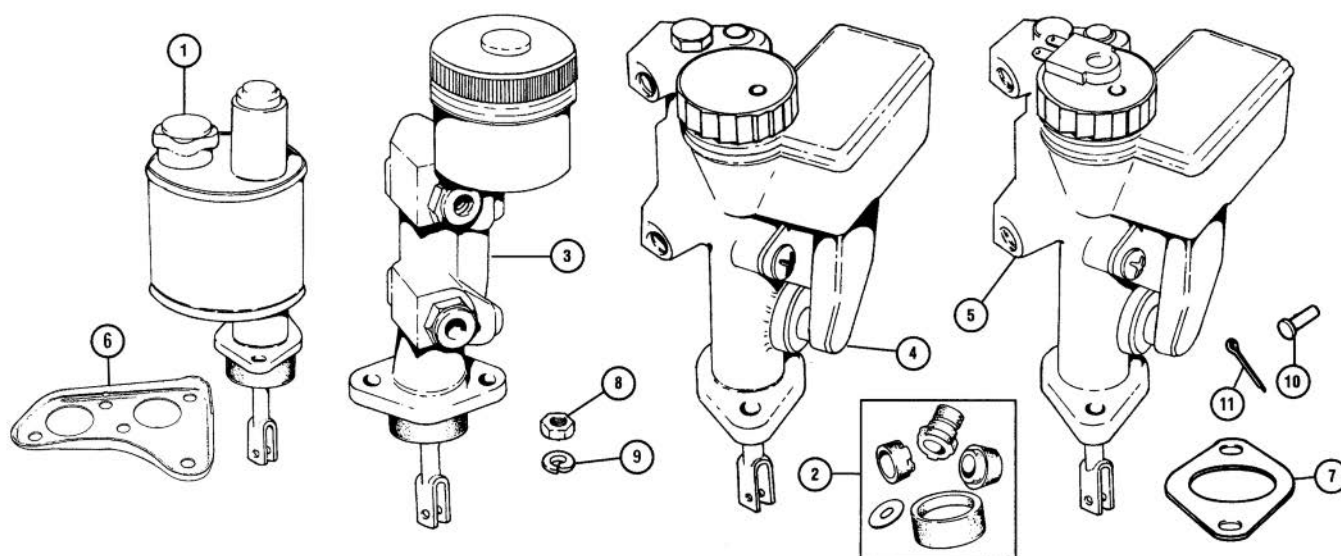


ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Rear Brakes</b>					
1	GDB105Z	£13.20	BRAKE DRUM	2	10" wheels To 1984
2	GDB106Z	£21.95	BRAKE DRUM, with spacer	2	12" wheels 1984-On
	MT1210	£127.88	BRAKE DRUM, with spacer	1	alloy superfins
3	CMZ407	£0.46	SCREW, brake drum	4	To fit GDB105Z
4	SF604121	£0.76	SCREW, brake drum	4	To fit GDB106Z
5	GBS834AF	£11.95	BRAKE SHOES, car set of 4 shoes	1	
6	21A1058	£58.96	BACK PLATE, RH	1	
	21A1060	£58.96	BACK PLATE, LH	1	

Note: Only one type of back plate is now available. When replacing a back plate, you may need to drill a new hole for the wheel cylinder locating roll pin.

7	17H7621	£1.66	SPRING, lower shoe return	2	
8	17H8092	£2.95	SPRING, upper shoe return	2	
9	SMN10005	£26.95	LEVERS, handbrake operating, (pair)	1	set of 2
10	17H8057	£1.85	DUST SEAL, lever aperture	2	
11	17H7619	£3.40	ADJUSTER WEDGE	2	
12	17H7618	£6.90	ADJUSTER TAPPETS	4	
	17H7620	£7.66	ADJUSTER KIT, per side	2	includes tappets and adjusters
13	GWC1126	£20.40	WHEEL CYLINDER, OE diagonal sys.	2	not UK 1976-77

ill.	Part Number	Price £ea.	Description	Req.	Details
	GWC1126Z	£12.90	WHEEL CYLINDER, diagonal system	2	not UK 1976-77
	GWC1131	£19.96	WHEEL CYLINDER, OE diagonal sys.	2	not UK 1976-77
	GWC1131Z	£12.00	WHEEL CYLINDER, diagonal system	2	not UK 1976-77
	GWC1101	£19.25	WHEEL CYLINDER, OE	2	To 1967
	GWC1101Z	£10.96	WHEEL CYLINDER	2	To 1967
	GWC1102	£8.65	WHEEL CYLINDER, OE	2	1967-On
	GWC1102Z	£7.96	WHEEL CYLINDER	2	1967-On
	GWC1134	£Call	WHEEL CYLINDER, OE (Japan/Norway).	2	no locating pin
14	BHM7015	£Call	REPAIR KIT, wheel cylinder	2	To fit GWC1126
	GRK2003	£Call	REPAIR KIT, wheel cylinder	2	To fit GWC1131
	GRK2014Z	£5.26	REPAIR KIT, wheel cylinder	2	To fit GWC1102
	8G8801Z	£6.55	REPAIR KIT, wheel cylinder	2	To fit GWC1101
	18G9071Z	£2.70	REPAIR KIT, wheel cylinder	2	to fit GWC1134
15	513118A	£1.74	BLEED NIPPLE	2	All except GWC1131
	3H2428	£0.95	BLEED NIPPLE	2	to fit GWC1131 only
16	17H7949	£0.95	CIRCLIP, w/cylinder retaining	2	
17	37H4642	£2.95	GASKET, w/cylinder to back plate	2	
18	21A1669	£11.84	BRACKET, RH, handbrake cable	1	
	21A1670	£11.84	BRACKET, LH, handbrake cable	1	
19	GHF103	£0.25	SCREW, back plate to radius arm	6	
20	GHF332	£0.16	WASHER, locking	6	
21	GHF201	£0.10	NUT	6	



ill. Part Number Price £ea. Description Req. Details

## Brake Master Cylinders

### Type A: Single Line System

1	GMC153	£119.95	MASTER CYLINDER, brake, 0.75" bore (Aftermarket with plastic reservoir).	1	drum brakes 1959-62; Coopers with servo 1961-62
	GMC171	£90.95	MASTER CYLINDER, brake, 0.7" bore (Original type with round metal 60mm high reservoir. Use DOT4/5 fluid only).	1	drum brakes 1962-75; replacement for original GMC105
	GMC171Z	£49.96	MASTER CYLINDER, brake, 0.7" bore (Aftermarket with plastic reservoir).	1	Coopers without servo
	GMC172	£97.96	MASTER CYLINDER, brake, 0.7" bore (Original type with round metal 75mm high reservoir. Use DOT4/5 fluid only).	1	disc brake Coopers & 1275GT 1963-75
2	GRK1026	£6.80	REPAIR KIT, 0.75" bore master cyl. (With one end cap seal one ring seal on piston).	1	GMC153 type

Note: Before ordering a seal kit for a 0.7" master cylinder, please check which type of piston seals are used in your master cylinder. The master cylinder manufacturer changed the specification of the piston seals; early pistons used one cap seal (located on the end of the piston) & one ring seal. Later master cylinders have two ring seals.

	GRK1028	£8.45	REPAIR KIT, 0.7" bore master cyl. (With one end cap seal one ring seal on piston).	1	for 0.7" bore cylinders GMC171 and GMC172 type
	GRK1028Z	£4.96	REPAIR KIT, 0.7" bore master cyl. (Aftermarket, with one end cap seal one ring seal on piston).	1	
	GRK1006Z	£2.90	REPAIR KIT, 0.7" bore master cyl. (with two ring seals).	1	
	513123A	£4.45	CAP	1	all cylinders

### Type B: Front To Rear Split System

3	GMC159	£Call	BRAKE MASTER CYLINDER	1	round plastic reservoir
2	GRK1019	£Call	REPAIR KIT	1	
	GRK1019Z	£23.95	REPAIR KIT	1	
	AAU3815	£9.95	CAP	1	

### Type C: Diagonal Split System

3	GMC160	£Call	BRAKE MASTER CYLINDER	1	round plastic reservoir
2	GRK1019	£Call	REPAIR KIT	1	

ill. Part Number Price £ea. Description Req. Details

	GRK1019Z	£23.95	REPAIR KIT	1	
	AAU3815	£9.95	CAP	1	

### Type D: Diagonal Split System

4	GMC167	£Call	BRAKE MASTER CYLINDER	1	square plastic reservoir
2	GRK1002	£50.95	REPAIR KIT	1	
	GRK907014	£10.25	CAP	1	

### Type E: Front To Rear Split System

5	GMC227	£99.95	BRAKE MASTER CYLINDER	1	square plastic reservoir
2	GRK1035	£40.96	REPAIR KIT	1	
	AEU1796	£Call	CAP, with failure switch	1	

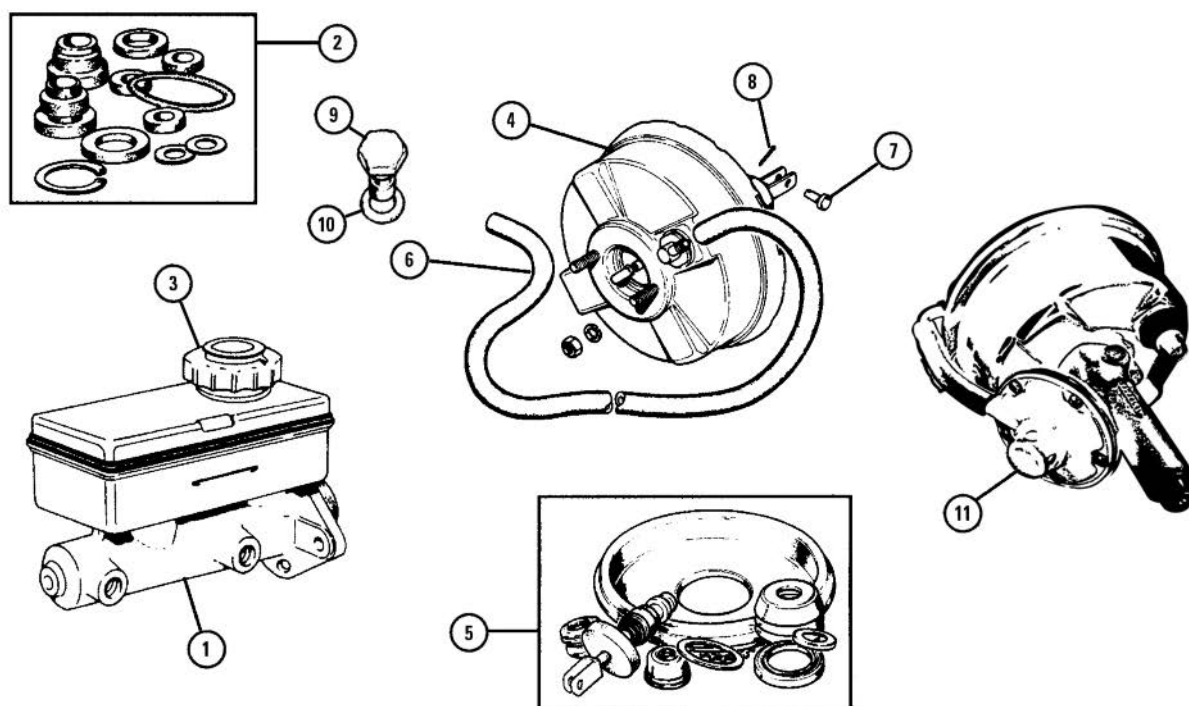
Note: Between 1980 and 1985 the Mini had 4 different types of master cylinder fitted, these being part numbered GMC173 and GMC198 having a pressure failure switch fitted to the body of the cylinder and GMC192 and GMC195 with a fluid level switch fitted to the cap, all these cylinders are superseded by GMC227.

As the cylinder is manufactured with metric fittings the conversion pipes must be used in conjunction with GMC227 when replacing an original master cylinder. Although it is possible to rebuild the original master cylinder with a repair kit.

	BAU5654	£Call	PIPE CONVERSION KIT	1	RHD
	BAU5655	£18.95	PIPE CONVERSION KIT	1	LHD

### All Models

6	14A6733	£14.26	BRACKET, engine stabiliser	1	fitted under brake and clutch master cylinders
7	31G279	£1.75	GASKET, single line master cylinder	1	
	31G840	£1.85	GASKET, dual master cylinder	1	
8	FNZ505	£0.50	NUT, master cylinder to bracket	2	
9	GHF332	£0.16	WASHER, locking	2	
10	CLZ512	£1.06	CLEVIS PIN, pedal to push rod	1	
11	GHF502	£0.10	SPLIT PIN	1	



ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Front To Rear Split System With Direct Acting Servo</b>					
1	GMC90376	£99.95	BRAKE MASTER CYLINDER*	1	metric fittings 1989-On

\*Note: The early direct acting brake master cylinder is no longer available, it has been superseded by the later version GMC90736, which has metric threads. Please check your pipe work carefully before fitting. A rebuild kit is available for GMC242, see GRK1032Z below.

2	GRK1032Z	£15.50	REPAIR KIT	1	
3	GRK6009	£17.60	CAP, with float switch	1	
4	GSM119	£163.96	SERVO UNIT (Direct-acting attached to master cylinder).	1	1989-On
5	GSM120	£Call	REPAIR KIT	1	
6	NAM8568	£Call	VACUUM HOSE, with return valve	1	
7	NAM8540	£Call	CLEVIS PIN, bell crank	2	
8	511032	£0.70	SPLIT PIN	1	

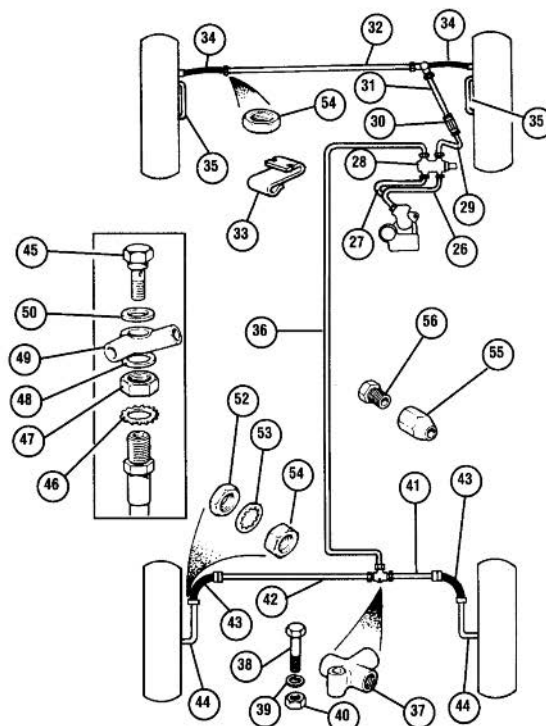
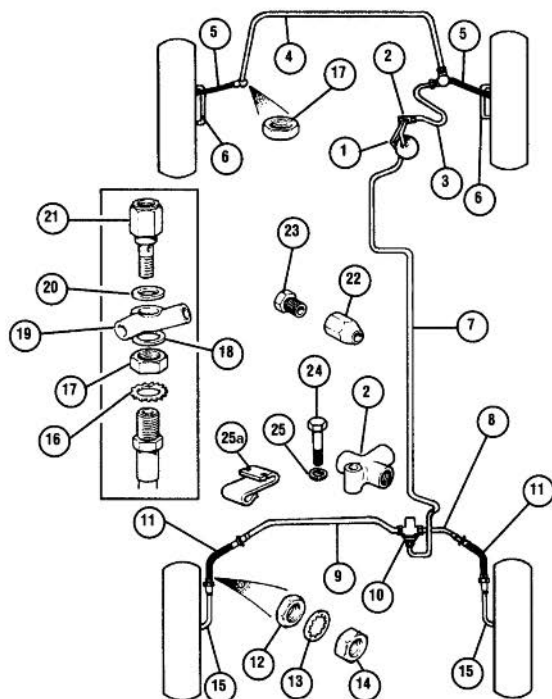
ill.	Part Number	Price £ea.	Description	Req.	Details
9	2A715	£37.96	BANJO BOLT, brake servo	1	
	ADP210	£4.85	PLUG, manifold blanking	1	if servo take-off not required
10	AED172	£0.86	WASHER	a/r	use 2 washers with banjo bolt

#### Remote Servo Kit

Note: This servo kit fits all single line brake systems.

11	TT3949	£187.96	SERVO KIT, remote	1	lockheed
	TT3949Z	£146.95	SERVO KIT, remote	1	aftermarket
	18G8938	£48.95	REPAIR KIT, servo	1	for TT3949

Note: As MkIII S TT3949 can be used as conversion on Minis, comes as complete kit. Fitting a remote servo means less effort required when braking.



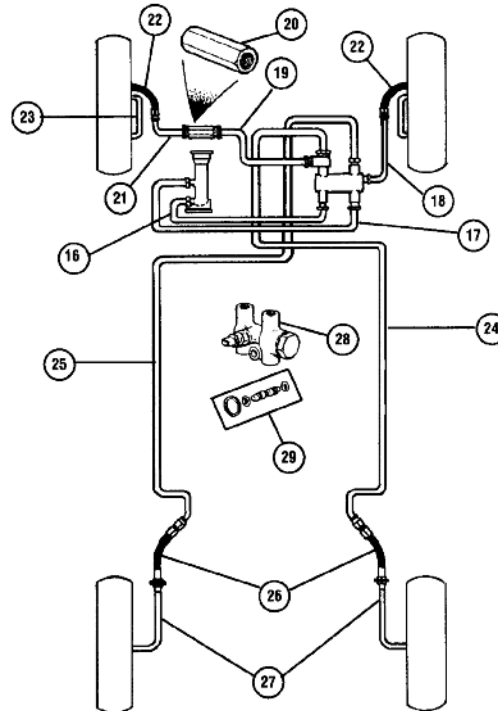
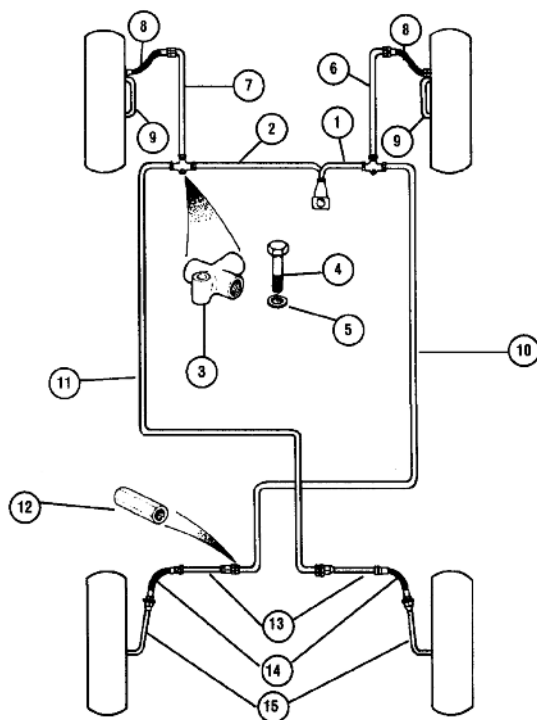
ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Brake Pipes</b>					
<b>Brake Pipes For Single Line Brakes (Drum Brakes)</b>					
1	GPP14AA	£8.95	BRAKE PIPE	1	master cylinder to 3 way union
2	3H2424	£6.95	CONNECTOR, 3 way	1	
3	GPP18AA	£9.46	BRAKE PIPE, 3 way	1	union to banjo connector
4	GPP46AA	£10.96	BRAKE PIPE	1	banjo connects to LH front hose
5	GBH170	£6.20	BRAKE HOSE, front, flexible	2	
	GBH170Z	£5.15	BRAKE HOSE, front, flexible	2	aftermarket
	GAC8412X	£39.80	BRAKE HOSES, 4, stainless steel	1	front and rear
	MT5105	£42.95	BRAKE HOSES, 5, stainless steel (Includes GAC8447X clutch hose).	1	front and rear
	MT5401	£48.95	BRAKE HOSES, 5, stainless steel (Includes GAC0080 clutch hose).	1	front and rear
	233220A	£0.50	WASHER, copper, brake to cylinder	2	
6	GPP10AA	£9.10	BRAKE PIPE, front hub bridge pipe	2	
7	GPP102AA	£14.75	BRAKE PIPE	1	3 way union to regulator valve
8	GPP6AC	£6.95	BRAKE PIPE	1	regulator valve to RH rear hose
9	GPP26AC	£9.35	BRAKE PIPE	1	regulator valve to LH rear hose
10	21A2031	£Call	REGULATOR VALVE	1	mounted on rear subframe
11	GBH250	£4.55	BRAKE HOSE, rear, flexible	2	
	GBH250Z	£3.85	BRAKE HOSE, rear, flexible	2	aftermarket
	MT5101	£22.96	BRAKE HOSES, rear, stainless steel	1	pair
	MT5104	£24.95	BRAKE HOSES, rear, stainless steel (From subframe to wheel cylinder).	1	pair
12	NT606041	£0.40	NUT, locking, hose to radius arm	2	
13	GHF323	£0.10	WASHER, locking	2	
14	GHF202	£0.10	NUT	2	
15	GPP10AC	£9.10	BRAKE PIPE	2	rear brake hose to wheel cylinder
16	WE600101	£0.30	WASHER, locking	2	
17	21A228	£3.80	NUT, locking to subframe RH/LH	1	
	2K8686	£0.90	NUT, locking to subframe RH/LH	1	
18	3H550	£0.46	WASHER, copper	1	
19	11D5263	£32.95	UNION, 2 way banjo	1	
20	233220A	£0.50	WASHER, copper	3	
21	7H7995	£7.96	BOLT, banjo for brake light switch	1	
22	AEHU1A	£1.40	UNION, female UNF thread	a/r	
23	TM606031	£0.71	UNION, male UNF thread	a/r	
24	GHF101	£0.16	BOLT, 3 way connector to bulkhead	1	
25	GHF331	£0.10	WASHER	1	
25a	11K9181	£0.41	CLIP, pipe to subframe	a/r	

\*Note: If replacing these pipes ensure the correct ones are used!

### Brake Pipes For Split System (Front To Rear)

Note: P.D.W.A. = (Pressure Differential Warning Actuator).

ill.	Part Number	Price £ea.	Description	Req.	Details
26	GPP13DD	£8.80	PIPE, m/cyl. to P.D.W.A., (tandem)*	1	long, RHD
	GPP30DD	£10.40	PIPE, m/cyl. to P.D.W.A.	1	long, LHD
27	GPP10DD	£9.10	PIPE, m/cyl. to P.D.W.A., (tandem)*	1	short, RHD
	GPP29DD	£10.40	PIPE, master cylinder to P.D.W.A.	1	short, LHD
28	13H5905	£Call	FAILURE SWITCH, 4 way, P.D.W.A.	1	To 1975, LHD
	FAM7821	£104.95	P.D.W.A.	1	All RHD and LHD 1975-On
29	GPP9DD	£7.96	BRAKE PIPE, P.D.W.A. to connector*	1	*in-line connectors
30	BMK2466A	£12.25	CONNECTOR, in-line	1	
31	GPP10AD	£9.10	BRAKE PIPE, connector to banjo	1	
32	GPP44AA	£11.60	BRAKE PIPE, banjo to LH front hose	1	
33	11K9181	£0.41	CLIP, pipe to subframe	2	
34	GBH170	£6.20	BRAKE HOSE, front	2	drum
	GBH170Z	£5.15	BRAKE HOSE, front	2	aftermarket
	GBH249	£5.70	BRAKE HOSE, front	2	disc
	GBH246	£Call	BRAKE HOSE, front, flexible	4	ERA turbo twin feed
	GBH246Z	£9.30	BRAKE HOSE, front, flexible	4	ERA turbo non genuine
	GAC8412X	£39.80	BRAKE HOSES, 4, stainless steel	1	front and rear
	MT5102	£22.96	BRAKE HOSES, 2, stainless steel	1	front, (pair)
	MT5105	£42.95	BRAKE HOSES, 5, stainless steel (Including GAC8447X clutch hose).	1	front and rear
	MT5401	£48.95	BRAKE HOSES, 5, stainless steel (Including GAC0080 clutch hose).	1	front and rear
	233220A	£0.50	WASHER, copper	2	brake hose to cylinder
35	GPP10AA	£9.10	BRAKE PIPE, front bridge pipe	2	
36	GPP97AD	£14.26	BRAKE PIPE	1	P.D.W.A. to rear T piece
37	3H2424	£6.95	T PIECE	1	
38	SH604091	£0.95	SCREW, T piece to rear subframe	1	
38	GHF331	£0.10	WASHER, locking	1	
40	GHF200	£0.10	NUT	1	
41	GPP6AC	£6.95	BRAKE PIPE	1	T piece to RH rear hose
42	GPP26AC	£9.35	BRAKE PIPE	1	T piece to LH rear hose
43	GBH250	£4.55	BRAKE HOSE, rear, flexible	2	
	GBH250Z	£3.85	BRAKE HOSE, rear, flexible	2	aftermarket
	MT5101	£22.96	BRAKE HOSES, rear, stainless steel	1	pair
	MT5104	£24.95	BRAKE HOSES, rear, stainless steel	1	pair, subframe to wheel cylinder
44	GPP10AC	£9.10	BRAKE PIPE, rear hose to w/cylinder	2	
45	C5192A	£4.96	BOLT, banjo	1	
46	WE600101	£0.30	WASHER, locking	2	
47	21A228	£3.80	NUT, locking to subframe	1	RH/LH
	2K8686	£0.90	NUT, locking to subframe	1	
48	3H550	£0.46	WASHER, copper	1	
49	11D5263	£32.95	UNION, 2 way banjo	1	
50	233220A	£0.50	WASHER, copper	3	
52	NT606041	£0.40	NUT, locking, hose to radius arm	2	
53	GHF323	£0.10	WASHER, locking	2	
54	GHF202	£0.10	NUT	2	
55	AEHU1A	£1.40	UNION, female UNF thread	a/r	
56	TM606031	£0.71	UNION, male UNF thread	a/r	



ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Brake Pipes for Diagonal Split System (RHD)</b>					
1	GPP10AD	£9.10	BRAKE PIPE	1	master cylinder to RH 3 way union
2	GPP34AD	£Call	BRAKE PIPE	1	master cylinder to LH 3 way union
3	3H2424	£6.95	UNION, 3 way	2	
4	GHF101	£0.16	SCREW, 'T' piece to bulkhead	2	
5	GHF331	£0.10	WASHER, locking	2	
6	GPP18AA	£9.46	BRAKE PIPE	1	3 way union to RH front hose
7	GPP20AA	£8.80	BRAKE PIPE	1	3 way union to LH front hose
8	GBH170	£6.20	BRAKE HOSE, front	2	disc brakes
	GBH170Z	£5.15	BRAKE HOSE, front, flexible	2	aftermarket
	GAC8412X	£39.80	BRAKE HOSES, 4, stainless steel	1	front and rear
	MT5102	£22.96	BRAKE HOSES, 2, stainless steel	1	front, (pair)
	MT5105	£42.95	BRAKE HOSES, 5, stainless steel (Inc: GAC8447X clutch hose).	1	front and rear
	MT5401	£48.95	BRAKE HOSES, 5, stainless steel (Includes GAC0080 clutch hose).	1	front and rear
9	GPP10AA	£9.10	BRAKE PIPE, wheel cyl. bridge pipe	2	
10	GPP122AD	£Call	BRAKE PIPE, RH	1	3 way union to LH rear connector
11	GPP118AD	£Call	BRAKE PIPE, LH	1	3 way union to RH rear connector
12	BMK2466A	£12.25	CONNECTOR, rear pipes	2	
13	GPP8CD	£6.50	BRAKE PIPE	2	rear connector to hose
14	GBH250	£4.55	BRAKE HOSE, rear	2	
	GBH250Z	£3.85	BRAKE HOSE, rear, flexible	2	aftermarket
	MT5101	£22.96	BRAKE HOSES, rear, stainless steel	1	pair
	MT5104	£24.95	BRAKE HOSES, rear, stainless steel	1	pair, subframe to wheel cylinder
	NT606041	£0.40	NUT, locking, hose to radius arm	2	
	GHF323	£0.10	WASHER, locking	2	
	GHF202	£0.10	NUT	2	
15	GPP10AC	£9.10	BRAKE PIPE	2	rear hose to wheel cylinder

### Brake Pipes For Diagonal Split System (LHD)

Note: With failure switch (illustrated)

16	GPP10AA	£9.10	BRAKE PIPE, RHD	1	
	GPP30TT	£Call	BRAKE PIPE, LHD	1	master cylinder to failure switch
17	GPP10AA	£9.10	BRAKE PIPE, RHD	1	
	GPP32AA	£10.70	BRAKE PIPE, LHD	1	
18	GPP17AA	£Call	BRAKE PIPE	1	failure switch to RH front hose
19	GPP29AA	£Call	BRAKE PIPE	1	failure switch to connector
20	BCA4002	£2.15	CONNECTOR	1	
21	GPP17AA	£Call	BRAKE PIPE	1	connector to LH front hose
22	GBH170	£6.20	BRAKE HOSE, front	2	disc brakes
	GBH170Z	£5.15	BRAKE HOSE, front, flexible	2	aftermarket

ill.	Part Number	Price £ea.	Description	Req.	Details
	GBH249	£5.70	BRAKE HOSE, front	2	disc brakes
	MT5103	£47.95	BRAKE HOSES, 2, stainless steel	1	front, (pair)
	GAC8412X	£39.80	BRAKE HOSES, 4, stainless steel	1	front and rear
	MT5102	£22.96	BRAKE HOSES, 2, stainless steel	1	front, (pair)
	MT5105	£42.95	BRAKE HOSES, 5, stainless steel (Including GAC8447X clutch hose).	1	front and rear
	MT5401	£48.95	BRAKE HOSES, 5, stainless steel (Including GAC0080 clutch hose).	1	front and rear
23	GPP10AA	£9.10	BRAKE PIPE, wheel cylinder bridge	2	drum brakes only
24	GPP96CT	£11.65	BRAKE PIPE	1	failure switch to RH rear hose
25	GPP120CT	£16.85	BRAKE PIPE	1	failure switch to LH rear hose
26	GBH250	£4.55	BRAKE HOSE, rear	2	
	GBH250Z	£3.85	BRAKE HOSE, rear, flexible	2	aftermarket
	MT5101	£22.96	BRAKE HOSES, rear, stainless steel	1	(pair)
	MT5104	£24.95	BRAKE HOSES, rear, stainless steel	1	(pair), subframe to wheel cylinder
27	GPP10CT	£9.10	BRAKE PIPE, rear hose to w/cyl	2	
28	13H5905	£Call	FAILURE SWITCH	1	
29	BAU1704A	£9.95	REPAIR KIT, failure switch	1	

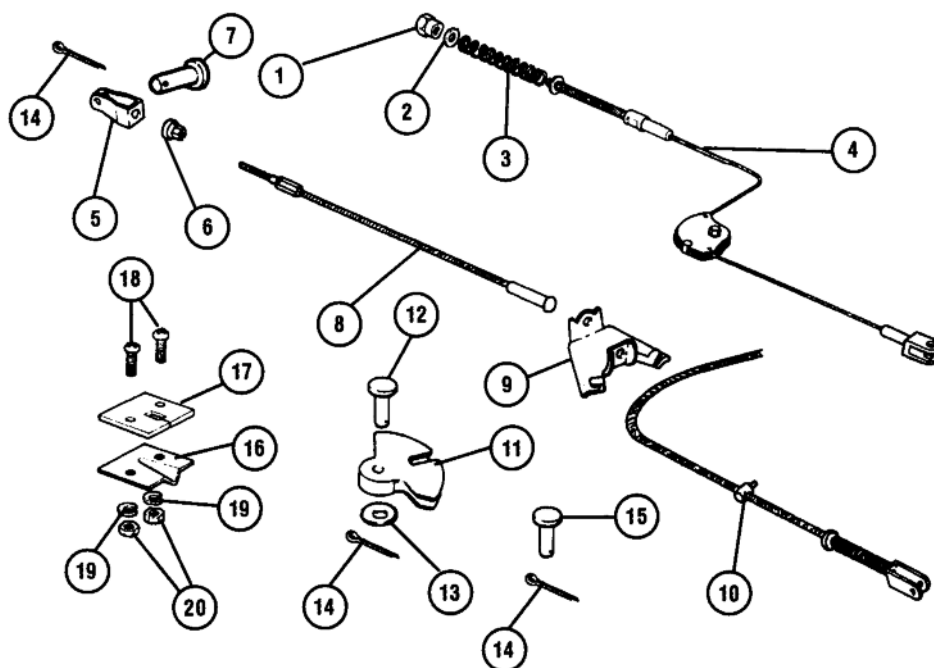
### Brake and Clutch Fluids

When Did You Last Change Your Brake Fluid?

DOT3 fluid ought to be completely discarded, DOT4 ('GBF4') should be installed and replaced every 2 years, as recommended by manufacturers. An alternative, especially if you are replacing master cylinders, brake calipers and/or wheel cylinders, is to thoroughly flush out the pipes and install Silicone fluid (DOT5 'ABF'), which is 'Non-Hygroscopic', so it doesn't promote rust problems in the hydraulic system. The bonus is that it won't damage paint work. When silicone is in use it will provide years of trouble free braking and an end to the monotonous and expensive pastime of repairing or replacing worn or leaking hydraulic components. Racing Fluid (DOT5.1 'GBF5') really is the ultimate in brake fluid. Its anti-boil properties mean that even when the brakes get hot the fluid will remain efficient, rather than boiling locally (such as in the calipers) into useless vapour. Ideal on the race track or when the brakes are used to their limits. Due to its high 'Hygroscopic' nature, DOT5.1 Racing fluid should be replaced annually otherwise the quality and effectiveness will be drastically reduced.

GBF4102	£5.20	BRAKE/CLUTCH FLUID, DOT4	a/r	500ml
GBF4103	£10.20	BRAKE/CLUTCH FLUID, DOT4	a/r	1 litre
GBF4104	£39.95	BRAKE/CLUTCH FLUID, DOT4	a/r	5 litre
ABF3	£17.45	BRAKE/CLUTCH FLUID, DOT5	a/r	silicone 500ml
ABF4	£29.75	BRAKE/CLUTCH FLUID, DOT5	a/r	silicone 1 litre
GBF5102	£6.95	BRAKE/CLUTCH FLUID, DOT5.1	a/r	racing 500ml
GBF5103	£12.95	BRAKE/CLUTCH FLUID, DOT5.1	a/r	racing 1 litre

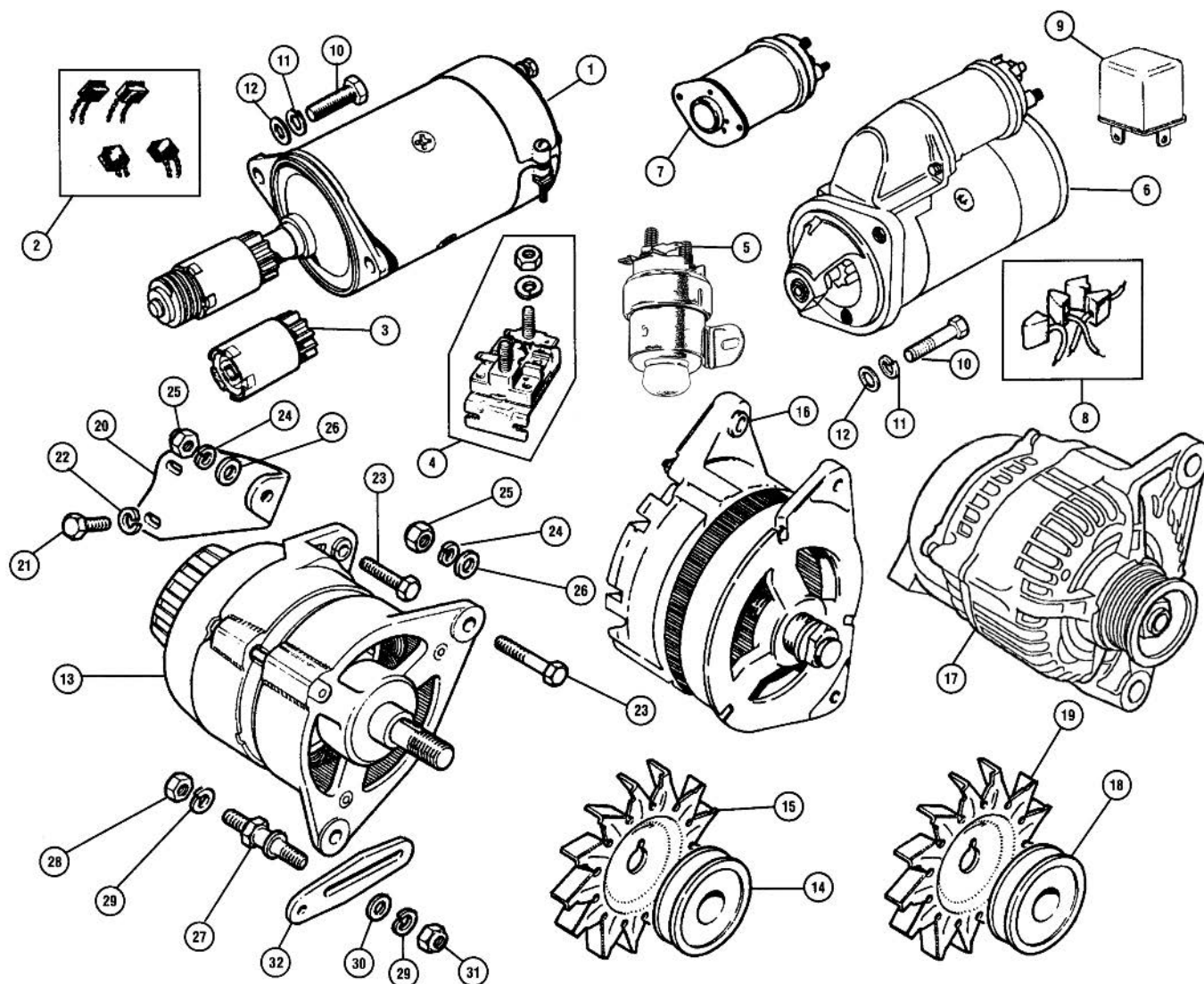
Note: When bleeding the Minis brake system always start with the cylinder furthest away from the master cylinder, so for a RHD car this would mean start with the passenger side rear then the drivers side, keep the car as high as possible on the cylinder you are bleeding! Always use axle stands when working under your car, they may be little but they are still quite heavy, Safety first.



ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Handbrake Cables And Fittings</b>					
1	2A5858	£2.26	NUT, cable adjusting*	1/2	
2	PWZ204	£0.10	WASHER*	4	
3	ACH8508	£0.95	SPRING, adjuster tension*	1/2	
4	GVC1022	£3.95	CABLE, handbrake (Dry suspension saloon).	2	twin cable system
	GVC1021	£6.28	CABLE, handbrake (Hydrolastic suspension saloon).	2	twin cable system
	GVC1020	£4.74	CABLE, handbrake (Van, estate and pick up).	2	twin cable system
5	FAM628	£10.96	FORK, cable end	1	
6	31G5049	£4.15	NUT, cable adjusting	1	
7	CLZ513	£0.65	CLEVIS PIN	1	fork to handbrake lever
8	GVC1035	£4.70	CABLE	1	lever to compensator
	FAM625	£6.02	CABLE (Pick up, van or estate).	1	
9	FAM621	£15.10	COMPENSATOR	1	
10	GVC1034	£6.65	CABLE	1	between wheels
11	21A2454	£12.20	QUADRANT	2	
12	CLZ549	£8.56	CLEVIS PIN	2	
13	AWZ105	£0.25	WASHER, waved	2	
14	GHF502	£0.10	SPLIT PIN	4	For CLZ549 and CLZ409
15	CLZ409	£0.74	CLEVIS PIN	2	cable to brake levers
16	ACA5522	£3.14	GUIDE, cable through floor*	1/2	
17	21A385	£2.95	SEAL, cable guide to floor*	1/2	
18	SE910201	£0.35	SCREW, guide retaining*	2/4	
19	WL700101	£0.10	WASHER, locking*	2/4	
20	GHF206	£0.05	NUT*	2/4	

\*Note: Quantity increased when twin cables fitted to early cars.

ill.	Part Number	Price £ea.	Description	Req.	Details
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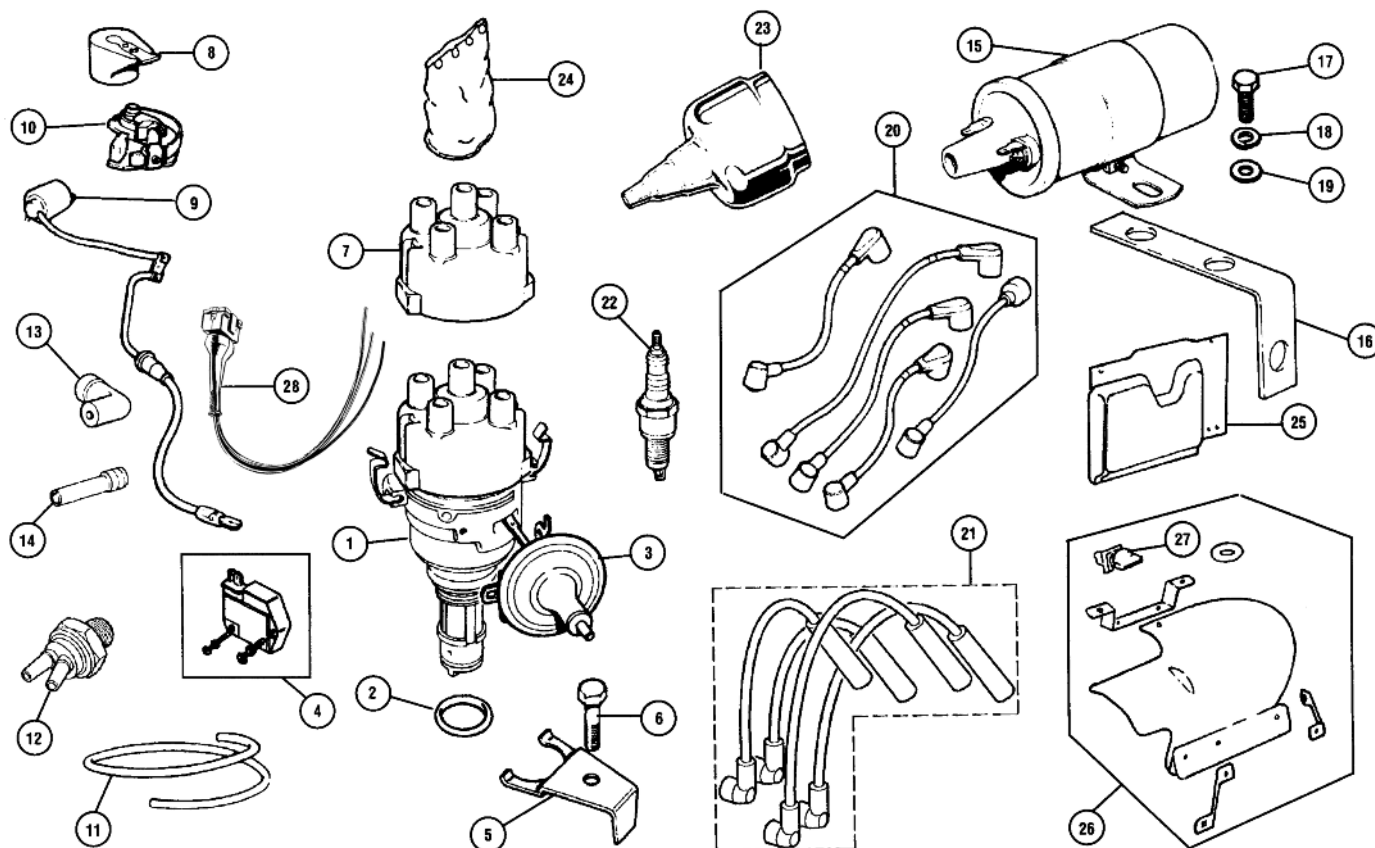


ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Starter Motors</b>					
1	GEU9404	£78.95	STARTER MOTOR, inertia, new	1	To 1985
	GXE4404X	£187.96	STARTER MOTOR, high torque (Replaces inertia type starter motors. See the accessories section for more information).	1	To 1985
2	GSB105	£4.45	BRUSH SET, 35J type starter	1	
3	67H5010	£19.96	PINION, 9 teeth	1	alternatives
	BAU5781	£28.10	PINION, 10 teeth	1	
4	13H5952	£9.95	SOLENOID, inertia starter	1	
5	BCA4501	£24.95	SOLENOID, inertia starter early	1	round push button
6	GXE4527	£81.95	STARTER MOTOR, pre-engaged	1	1985-On
	GXE4527X	£187.96	STARTER MOTOR, high torque (Replaces pre-engaged type starter motors. See the Accessories section for more information).	1	pre-engaged type
7	NAF10004	£Call	SOLENOID, pre-engaged starter	1	
8	BAU5448	£1.96	BRUSH SET, pre-engaged starter	1	
9	YWB10032	£4.15	RELAY, pre engaged starter	1	
10	SH506101	£0.65	SCREW, starter to housing	2	
11	GHF332	£0.16	WASHER, locking	2	for both types starter motor
12	GHF302	£0.18	WASHER, plain	2	

### Alternators

13	GEU2206	£59.95	ALTERNATOR, 18 ACR, new	1	alternatives
	GXE8211	£54.95	ALTERNATOR, 17 ACR	1	
	GEU250	£4.15	PLUG, cable end	1	
14	12G1054	£12.60	PULLEY, 2.750" diameter	1	
	BAU1461A	£13.45	PULLEY, 2.500" diameter	1	
15	C37222A	£16.30	FAN, alternator	1	use with 12G1054 (ACR types; 23640, 23725, 23774, 23750, 23748 & 23804).
	AAU3956A	£9.95	FAN, alternator (ACR type: 23802).	1	use with BAU1461

ill.	Part Number	Price £ea.	Description	Req.	Details
16	GXE2257	£Call	ALTERNATOR, A115/45, rebuilt	1	1981-85
	GEU2297	£72.95	ALTERNATOR, A127/45, rebuilt	1	1985-On
17	GNU2521	£148.96	ALTERNATOR, multi groove belt	1	1996-On fitment mpi
18	BAU5819	£7.15	PULLEY, alternator, (A115/45)	1	use with GXE2257
	ADU7778	£Call	PULLEY, alternator, (A127/45)	1	use with GXE2297
	GCB10813	£7.60	ALTERNATOR BELT, (813mm long)	1	To 1985
	GCB10838	£5.45	ALTERNATOR BELT, (838mm long)	1	A115 alternator 1981-85
	GCB10825	£6.95	ALTERNATOR BELT, (825mm long)	1	
	GMB50920	£12.60	ALTERNATOR BELT, multi groove	1	mpi 1996-On
19	AAU3956A	£9.95	FAN, alternator, (A115/45)	1	use with GXE2257
	AUU1097	£10.45	FAN, alternator, (A127/45)	1	use with GXE2297
20	12G1053	£8.95	BRACKET, rear mounting	1	pre A+ engines
	CAM4853	£11.56	BRACKET, rear mounting	1	A+ engines
21	GHF120	£0.16	SCREW, bracket to block	2	
22	GHF332	£0.16	WASHER, locking	2	
23	BH605131	£0.60	BOLT	2	alternator to rear bracket + water pump
24	GHF332	£0.16	WASHER, locking	2	
25	GHF201	£0.10	NUT, plain 5/16" UNF	2	
26	WC108051	£0.14	WASHER, plain	1	
27	12G289	£9.16	PILLAR, adjustment link	1	pre A+ engines
	SH606111	£0.46	SCREW, 3/8"	1	A+ engines
	PWZ306	£0.25	SPACER, adjusting link	2	alternator link
28	GHF202	£0.10	NUT, plain, 3/8" UNF	2/1	quantity reduced
29	GHF333	£0.16	WASHER, locking	2/1	with SH606111
30	GHF302	£0.18	WASHER, plain	2/1	
31	GHF223	£0.25	NUT, nyloc	1	not used with SH606111
32	12G2627	£8.65	LINK, alternator adjustment	1	



ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Distributors</b>					
1	BAU1962	£Call	DISTRIBUTOR (45D)	1	998cc pre A+
	ADU3766	£Call	DISTRIBUTOR (45D)	1	998cc A+
	AAU9142	£Call	DISTRIBUTOR (59D)	1	998cc A+ (For engine codes: 99H/791P/792P/A97P/B83P/B84P/B85P/D83P/E22).
	ADU4049	£162.95	DISTRIBUTOR (59D)	1	998cc A+ (For engine codes: 99H/997P/998P/A53P/A94P/B81P/B82P/C20P/D80P/D82P).
	ADU5789	£181.96	DISTRIBUTOR (59D)	1	998cc A+ lead free
	AUU1536	£112.96	DISTRIBUTOR, electronic	1	Cooper 1300cc + SE
	TMG10871	£193.96	DISTRIBUTOR	1	performance (Fast road ignition curve, with vacuum unit for A series only).
	TMG10873	£153.95	DISTRIBUTOR	1	performance (Fast road ignition curve, without vacuum unit for A series only, side entry cap fitted).
	TMG10869	£143.95	DISTRIBUTOR	1	performance (Fast road ignition curve, without vacuum unit for A series only).
	TMG10870	£130.96	DISTRIBUTOR	1	performance (Fast road ignition curve, without vacuum unit for A+ only).
2	513682A	£0.65	'O' RING, distributor	1	
3	37H8225	£24.95	VACUUM UNIT, Lucas	1	To 1976
	37H8414	£38.95	VACUUM UNIT, Lucas	1	1976-89 (Use with distributor AAU9142).
	37H8226	£Call	VACUUM UNIT, Lucas	1	1980-89 (Use with distributor ADU4049 and ADU5789).
	BAU5252	£Call	VACUUM UNIT, Ducellier	1	
	BAU5309	£Call	VACUUM UNIT, Lucas	1	Cooper 1300cc (Use with distributor AUU1536).
4	NJL100060	£36.70	MODULE, electronic ignition	1	Cooper 1300cc + SE
5	613857A	£32.95	CLAMP, distributor	1	A To 1985
	TAM1671	£5.05	CLAMP, distributor	1	A+ 1985-On
6	CAM6105	£Call	BOLT, distributor clamp	1	A To 1985
	TAM1706	£1.96	BOLT, distributor clamp	1	A+ 1985-On

## Ignition System Service Parts

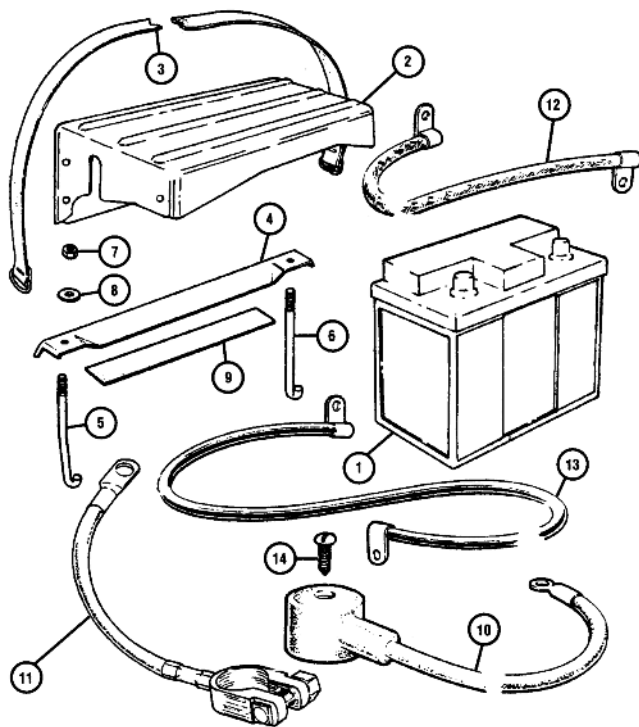
7	GDC136	£5.95	CAP, distributor	1	Lucas 45D and 59D
	GDC142	£13.20	CAP, distributor side entry	1	Lucas 45D and 59D

Note: The side entry push fit cap, GDC142 requires slight modification to fit. The two screws need to be removed and a groove filed. Fits 45D distributors with a clip retained cap GDC136.

ill.	Part Number	Price £ea.	Description	Req.	Details
	GDC156	£10.80	CAP, distributor	1	Cooper 1300cc + SE
	GDC156CLEAR	£Call	CAP, distributor	1	Cooper 1300cc A+ SE, clear
8	GRA2114	£1.45	ROTOR ARM	1	Lucas 45D and 49D
	GRA2114HQ	£7.50	ROTOR ARM, high quality	1	
	GRA123	£3.76	ROTOR ARM	1	Ducellier distributor
	GRA2123B	£2.56	ROTOR ARM	1	Ducellier distributor
	GRA2143	£3.85	ROTOR ARM	1	Cooper 1300cc + SE
9	GSC2109	£2.45	CONDENSER	1	Lucas 45D and 59D
	GSC113	£Call	CONDENSER	1	Ducellier distributor
10	GCS118	£2.15	CONTACT SET	1	Lucas 45D
	GCS119	£7.96	CONTACT SET	1	Ducellier distributor
	GCS124	£2.95	CONTACT SET	1	Lucas 59D
11	37H4229M	£1.66	VACUUM PIPE	1	sold per metre
12	MAQ10008	£39.95	VACUUM SWITCH	1	1992-On (This thermostatically controlled vacuum switch fits in thermostat housing).
13	12B2062	£0.95	CONNECTOR, vacuum pipe	1	angled
14	12B2095	£0.95	CONNECTOR, vacuum pipe	1	straight
15	GCL110	£11.95	COIL	1	To 1982
	GCL132	£12.95	COIL, Ballast resistor	1	all 1982-On
	GCL143	£28.96	COIL, electronic	1	
	GCL204	£83.95	COIL, coil pack	1	1996-On mpi
16	12G2994	£8.95	BRACKET, coil mounting to head	1	Lucas coil
17	SH605041	£0.35	SCREW, coil to bracket	2	
18	GHF332	£0.16	WASHER, locking	2	
19	WC108051	£0.14	WASHER, plain	2	
20	GHT7003	£Call	HT LEAD, right angle	4	1968-69
	GHT241	£10.45	HT LEAD SET	1	1275cc
21	GHT289	£37.75	HT LEAD SET	1	1996-On mpi
22	BP6ES	£3.25	SPARK PLUG, non resistor	4	998cc To 1986
	BP5ES	£3.40	SPARK PLUG, non resistor	4	998cc 1987 To September 1989
	BPR4ES	£3.10	SPARK PLUG, resistor, lead free	4	998cc October 1989-On
	BPR6ES	£4.70	SPARK PLUG, resistor	4	1275cc Cooper carburettor and TBI
23	8G727	£4.66	COVER, coil	1	not fitted as standard
24	AU1104	£Call	COVER, distributor	1	VIN 315055
25	BHM773	£27.55	COVER, moulded plastic, grille	1	van
26	BHM1675	£95.95	SHIELD KIT, ignition system	1	From VIN 315056
	BHM1676	£20.40	SHIELD KIT, ignition system	1	
	NJT10004	£46.96	SHIELD KIT, ignition system	1	Cooper SE & 1300cc
	GDS102A	£11.26	SHIELD KIT, ignition system	1	small saloon
27	13H6461	£3.65	TURN BUTTON, shield retaining	3	
28	54966877	£6.25	PLUG & LEAD, electronic module	1	Cooper 1300

GDC214	£12.76	CAP, distributor	1	Ducellier distributor
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ill. Part Number Price £ea. Description Req. Details

### Batteries and Cables

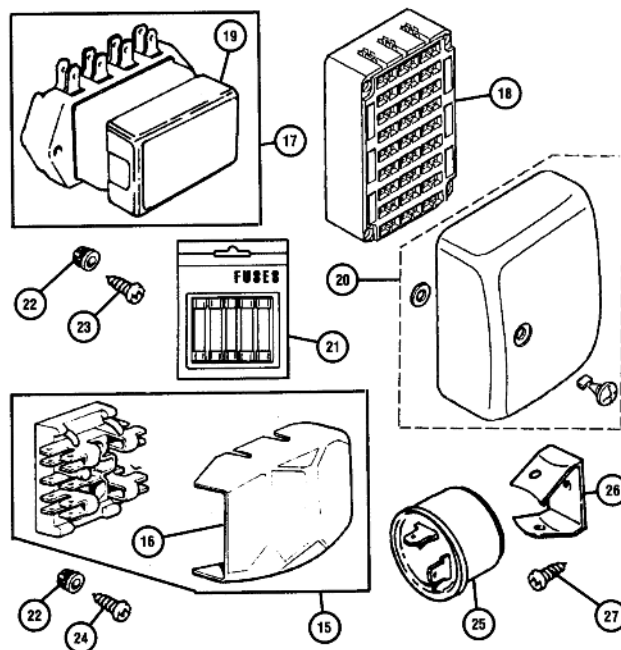
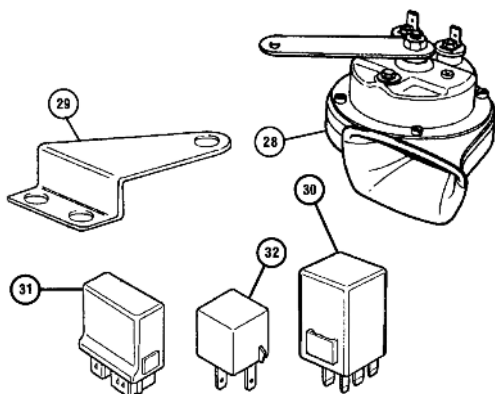
1	GBY5601D	£63.95	BATTERY, 12 volt, 30 A/hr, dry	1
	GBY5601W	£63.95	BATTERY, 12 volt, 30 A/hr, wet	1

Note: Due to delivery restrictions of hazardous goods, wet batteries can only be delivered by road and sea carrier to UK and mainland Europe. Dry batteries can be delivered worldwide, customers must arrange their own filling of dry batteries with suitable electrolyte and initial charge.

2	5L877	£22.22	COVER, battery	1
3	14A7776	£7.20	STRAP, battery cover retaining	1
4	HAM2457	£13.20	BAR, battery retaining	1
5	5L1158	£1.60	HOOK BOLT, rear, 2 1/8"	1
	YJH100010	£1.60	HOOK BOLT, rear, 3"	1
6	5L1159	£1.60	HOOK BOLT, front, 2 1/8"	1
	YJJ100040	£1.60	HOOK BOLT, front, 3"	1
7	GHF200	£0.10	NUT, hook bolt	4
8	GHF300	£0.10	WASHER, plain	2
9	078447A	£4.15	PACKING STRIP	1 cut to length
10	5L885	£Call	CABLE, battery to solenoid	1 inertia starters
	AUU1089	£51.10	CABLE, battery to solenoid	1 pre engaged starters
11	5L924	£10.66	CABLE, battery earth	1

Note: To ensure good reliability of your Mini make sure the earth leads are in good condition. A damaged or old earth lead can be a major source of problem on the Mini, bad starting and sticky Throttle cables are quite common due to a neglected earth cable.

12	YMS10090	£9.90	CABLE, engine earth	1
13	5L925	£7.94	CABLE, solenoid to starter	1 inertia starters only
14	2K8645	£0.20	SCREW, cable to battery terminal	1
	GHF2750	£4.96	CLAMP, battery terminal, -VE	1
	GHF2755	£4.96	CLAMP, battery terminal, +VE	1



ill. Part Number Price £ea. Description Req. Details

### Fuse Box, Fuses and Flasher Units

15	606253A	£9.95	FUSE BOX, (2 fuses required)*	1 To 1976
16	505158A	£3.95	COVER, fuse box	1
17	RTC440A	£14.95	FUSE BOX, (4 fuses required)*	1 1976-On
18	AFU3103	£Call	FUSE BOX	1 1996-On mpi (Located inside car under dash in drivers footwell).

\*Note: Fuse boxes do not come with fuses.

19	37H4727A	£2.75	COVER, fuse box	1
	BST440	£15.95	COVER, fuse box, stainless steel	1
20	YQH100720PMA	£Call	COVER, fuse box	1 1996-On mpi
21	GFS3015	£1.50	FUSES, 15A, pack of five	1 as required
	GFS3025	£1.85	FUSES, 25A, pack of five	1
	GFS3035	£1.85	FUSES, 35A, pack of five	1
22	GHF1030	£0.40	NUT, insert in bulkhead	1/2 (Qty. increased for fuse box RTC440A).
23	AB610081	£0.20	SCREW, self tapping	2 use with RTC440A
24	AB608031	£0.11	SCREW, self tapping	1 use with 606253A
25	GFU2124	£3.85	FLASHER UNIT	1 cars with or without repeater lamps
	GFU2204	£3.80	FLASHER UNIT, hazard lights	1
	GFU2218	£7.96	FLASHER UNIT	1 two pin
	GFU2208	£18.95	FLASHER UNIT	1 three pin hazard warning
26	BHA4780	£2.45	CLIP, square flasher unit	a/r
27	GHF425	£0.10	SCREW, clip to bulkhead	a/r

ill. Part Number Price £ea. Description Req. Details

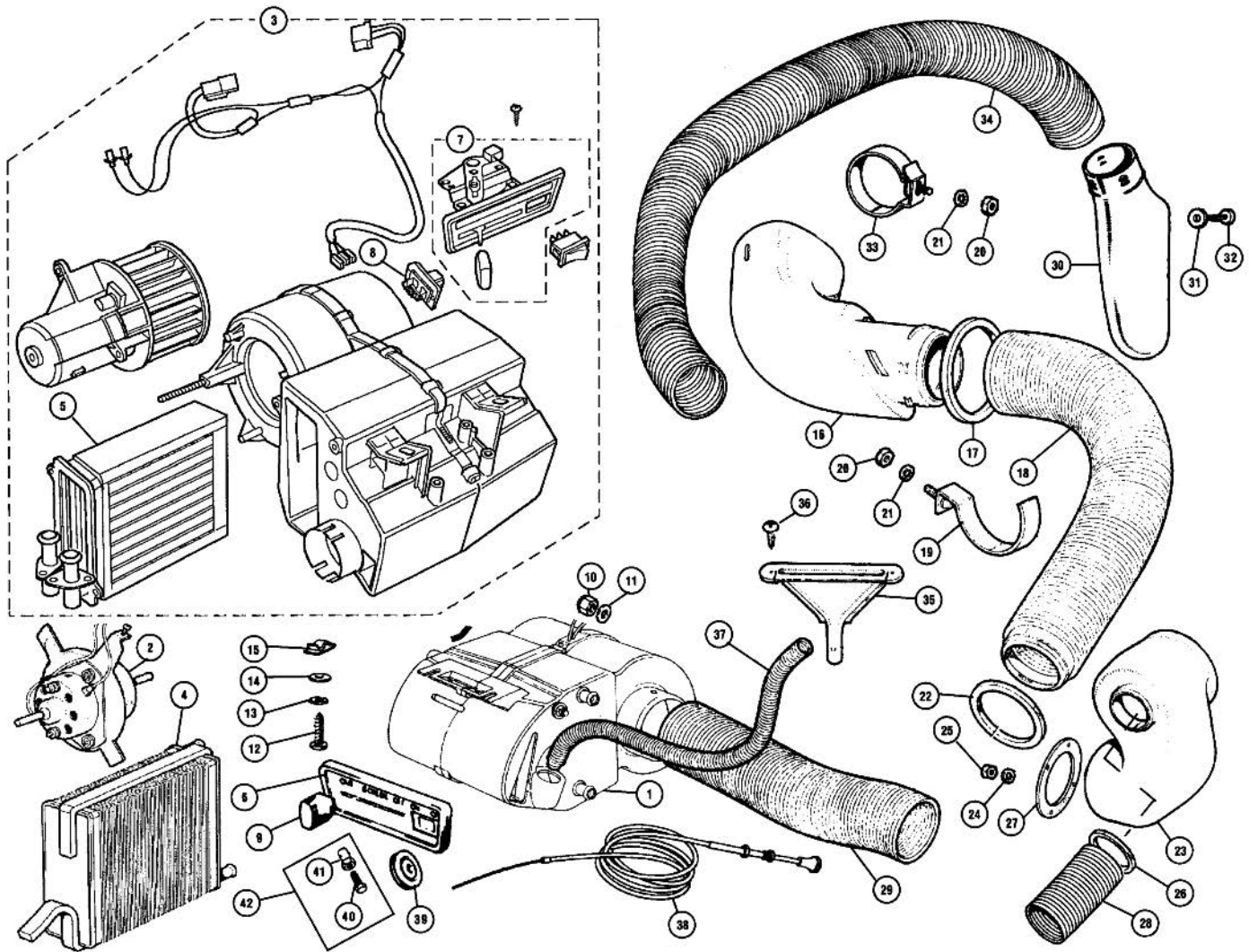
### Horns

Note: R-Numbering of horns.

28	GGE101	£11.45	HORN, high tone, single terminal	1 France, To Vin 175685
	GGE164	£13.20	HORN, high tone, twin terminal	1
	GGE165	£13.20	HORN, low tone, twin terminal	1
	MT9143	£15.25	HORN, Chrome, twin terminal	1
29	57H5309	£3.25	BRACKET	1 To VIN175685

Note: Brackets may require modification due to metric threads on horns.

30	YWC10050	£35.70	RELAY, dim dip control	1
31	YWB10022	£149.95	RELAY, spi and mpi	1 engine management relay
32	YWB10012	£7.90	RELAY, multi use (Headlamps, horn, driving lamps, direction indicator lamps).	a/r

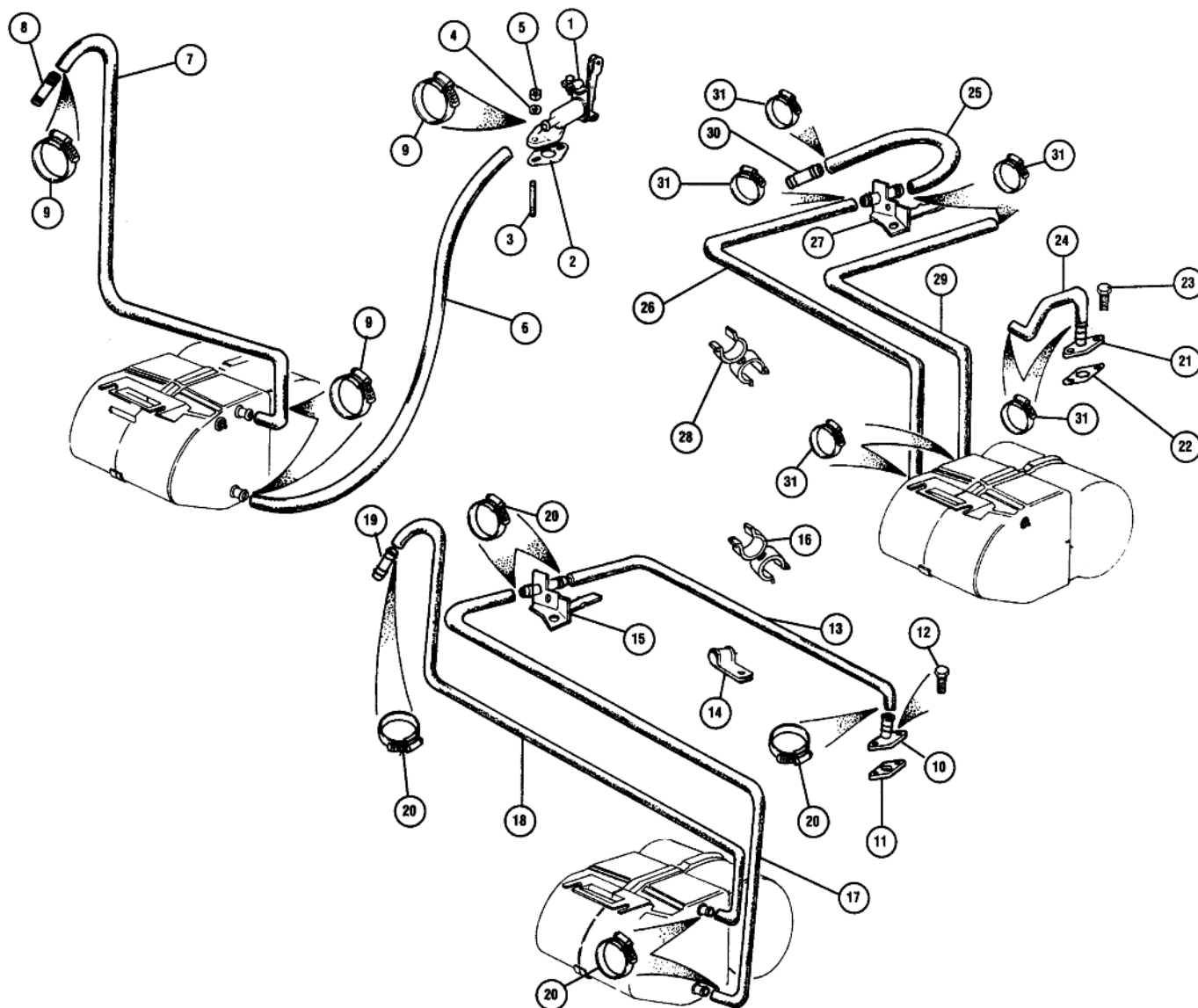


ill. Part Number Price £ea. Description Req. Details

### Heater Unit And Ducting

1	JGC10008	£Call	MOTOR, with fan	1	To VIN 073750
2	JGC100110	£Call	MOTOR, with fan	1	From VIN 073751
3	JEC101790	£Call	MOTOR, twin speed, with fan	1	mpi From VIN 134455
4	37H7216	£64.96	HEATER MATRIX, 0.50" bore	1	To VIN 212068
	BAU5043	£67.96	HEATER MATRIX, 0.625" bore	1	From VIN 212069
5	JEF10005	£84.95	HEATER MATRIX, 0.625" bore	1	plastic casing
(Inlet and outlet unions are not supplied with matrix).					
6	BAU1924	£Call	CONTROL PANEL, air distribution	1	fits all
7	JFC101620PMA	£Call	CONTROL PANEL, air distribution	1	1996-On mpi
8	JGM100100	£47.95	RESISTOR, speed controller	1	1996-On mpi
(For twin speed heater JEC101790).					
9	BAU1923	£Call	KNOB, air distribution control	1	
10	GHF243	£0.95	NUT, heater to bulkhead	2	
11	GHF302	£0.18	WASHER, plain, for above	2	
12	AB610071	£0.42	SCREW, heater to parcel shelf	2	
13	WL700101	£0.10	WASHER, locking	2	
14	GHF306	£0.16	WASHER, plain	2	
15	GHF713	£0.31	SPIRE NUT	2	
16	JKA10012	£29.15	DUCT, air intake behind grille, RH	1	
17	JPC6876	£7.36	SEAL, duct to flitch	1	
18	EAM7437	£28.55	HOSE, duct to air box	1	
19	AHH5714	£2.30	CLIP, air hose to flitch	1	To VIN 290002
	JCG10001	£Call	CLIP, air hose to flitch	1	From VIN 290003
20	GHF200	£0.10	NUT	2	
21	WE702101	£0.16	WASHER, locking	2	
22	CZH1717	£Call	SEAL, hose to air box	1	To VIN 336452
	JPC6876	£7.36	SEAL, hose to air box	1	From VIN 336543
23	CZH1951	£Call	AIR BOX, no face vents	1	
	CZH1755	£Call	AIR BOX, with face vents	1	To VIN 504653
	JKQ10002	£Call	AIR BOX, with face vents	1	From VIN 504654
24	WE702101	£0.16	WASHER, locking	4	
25	ANZ103	£0.85	NUT	4	
26	CZH693	£Call	SEAL, air box to face vent	1	
27	CZH1717	£Call	SEAL, air box to flitch	1	To VIN 336542
	JPC6877	£0.85	SEAL, air box to flitch	1	From VIN 336543
28	CZH700	£Call	HOSE, air box to RH face vent	1	

29	346999A	£27.95	HOSE, air box to heater	1	
30	CZH1318	£46.96	DUCT, air intake, LH	1	
31	GHF306	£0.16	WASHER	3	air intake to front panel
32	AB608031	£0.11	SCREW, self tapping	3	
33	JCG10001	£Call	CLIP, HOSE LH	1	
34	EAM7097	£6.95	HOSE, nozzle to face vent, LH	1	From VIN 073751
				2	To VIN 073750
				2	From VIN 073751
				2	To VIN 073750
				4	From VIN 073751
				2	To VIN 073750
				2	From VIN 073751
				1	original Bakerlite
				1	type knob
				1	
				1	From VIN 369449
				1	To VIN 463230
				1	From VIN 463231
				1	not TBI
				1	
				1	1991-On
				1	mpi, remote heating
				1	valve
				1	To 1989
				1	1989-On option
				1	for JFF10003
				1	30" option for
				1	JFF10048
				1	cable through
				1	bulkhead
				1	tap on head
				1	
				1	remote tap



ill. Part Number Price £ea. Description Req. Details

## Heater Hoses

### Heater Hoses & Taps To VIN 396448

1	ADU9102	£Call	HEATER VALVE, angled type	1	
	ADU9102Z	£15.25	HEATER VALVE, angled type	1	aftermarket
	JJC10018	£29.95	HEATER VALVE, straight type	1	Morris Minor fitment
			(Alternative, uses original type gasket & hardware).		
	2A180	£4.15	BLANKING PLUG	1	when water valve not fitted
2	88G221	£0.30	GASKET, heater tap	1	
3	53K402	£1.00	STUD, heater tap	2	
4	GHF331	£0.10	WASHER, locking	2	
5	GHF200	£0.10	NUT	2	
6	GRH1006M	£6.20	HOSE, valve to heater	1	1974-89 per metre
			(0.50" bore, cut to length RHD = 29" and LHD = 26").		
7	GRH906Z	£Call	HOSE, heater return 0.50 bore	1	aftermarket

Note: (0.50" bore) for LHD cut to 35" length.

6	BMP366	£Call	HOSE, inlet RHD & LHD	1	1984-89
			(Stepped bore 0.5"/0.625", cut to length RHD = 29" and LHD = 26").		
7	GRH905	£5.86	HOSE, heater return RHD	1	1984-89
			(Stepped bore 0.5"/0.625").		
	BMP366	£Call	HOSE, heater return LHD	1	1984-89
			(Stepped bore 0.5"/0.625").		
8	CAM4412Z	£3.35	CONNECTOR, heater hose	1	return to bottom hose
9	GHC11022	£1.80	CLIP, hose, 0.500"	a/r	
	GHC11030	£2.00	CLIP, hose, 0.625"	a/r	

### Heater Hoses From VIN 396449 On

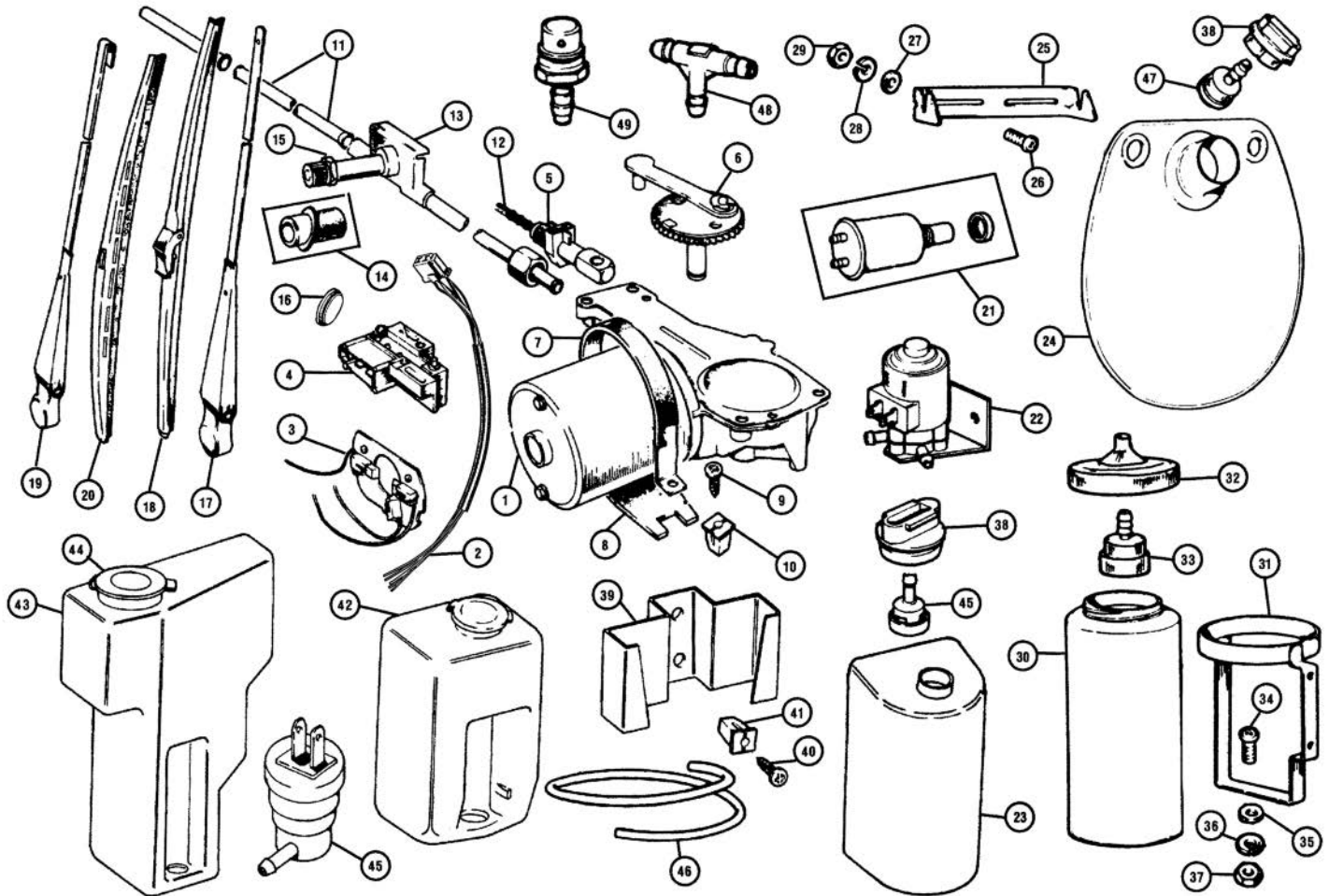
10	12G2534	£39.95	WATER OUTLET, cylinder head	1	
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ill. Part Number Price £ea. Description Req. Details

11	88G221	£0.30	GASKET, water outlet to cylinder head	1	
12	TAM1368	£Call	SCREW, water outlet to cylinder head	2	
13	NAM8677	£Call	HOSE, outlet to water valve	1	
14	PEU10016	£2.15	CLIP, heater hose to rocker cover	1	
15	JJB10011	£35.95	WATER VALVE, remote mounted	1	
	JJB100260	£53.95	WATER VALVE, remote mounted	1	mpi
16	CDU2153	£4.55	CLIP, hose to hose	1	
17	JHB10002	£10.96	HOSE, valve to heater In	1	998cc models
18	JHC10004	£27.95	HOSE, heater return	1	To VIN504670
17	GRH1211	£25.94	HOSE, valve to heater In	1	998cc models
18	GRH1219	£Call	HOSE, heater return	1	From VIN504671
19	PCP10006	£18.65	CONNECTOR	1	heater return to bottom hose
20	GHC11030	£2.00	CLIP, hose 0.625"	a/r	

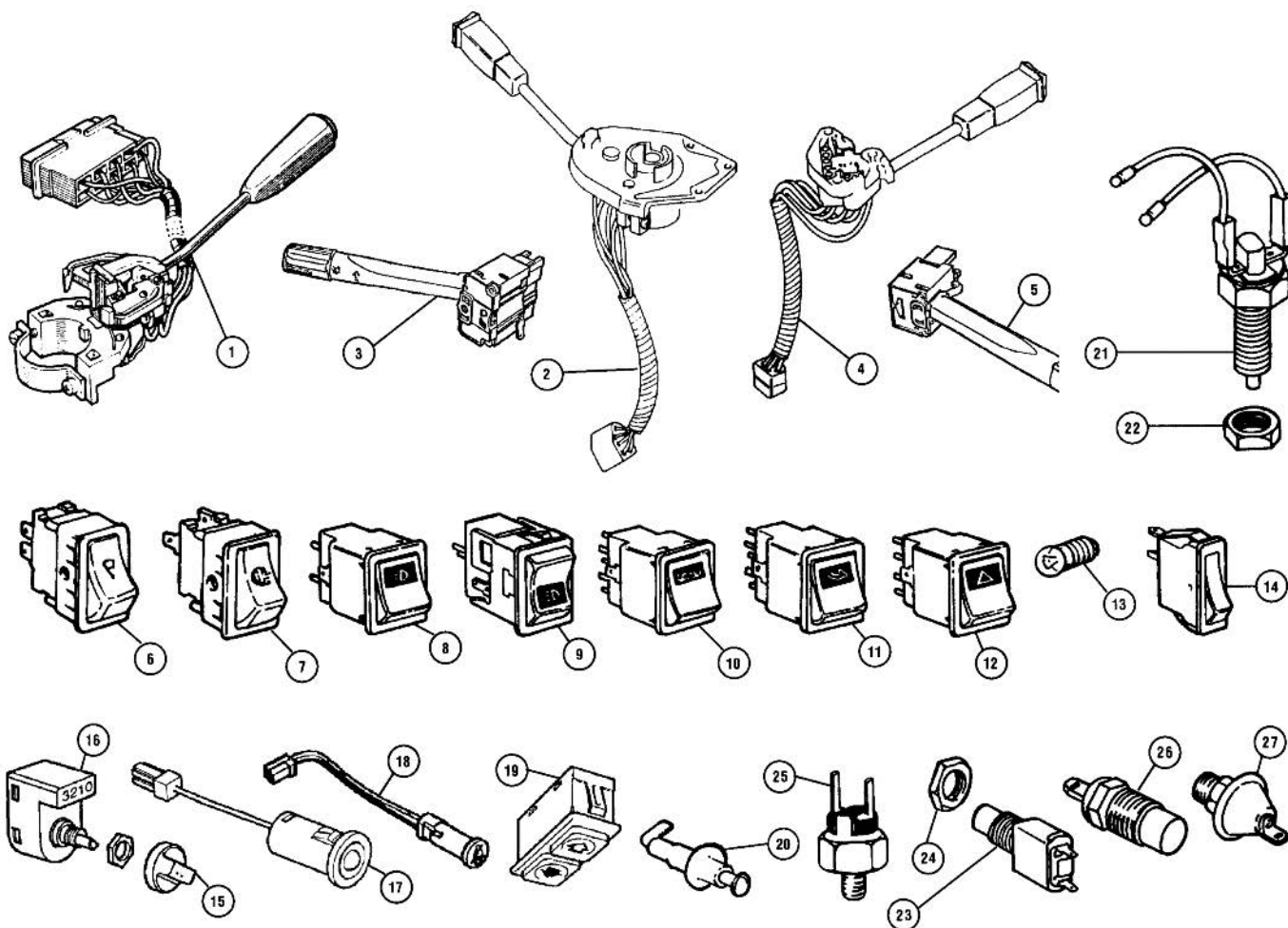
### Heater Hoses Cooper 1300 Models

21	12G2534	£39.95	WATER OUTLET, cylinder head	1	
22	88G221	£0.30	GASKET, water outlet to cylinder head	1	
23	TAM1368	£Call	SCREW, water outlet to cylinder head	2	
24	PEH10021	£Call	HOSE, water outlet to manifold	1	
25	GRH1006M	£6.20	HOSE, alternative, CTF	1	manifold to valve and bottom hose
26	JHB10017	£36.95	HOSE, heater outlet to valve	1	To VIN031529
27	JJB10011	£35.95	WATER VALVE, remote mounted	1	To VIN134454
	JJB100260	£53.95	WATER VALVE, remote mounted	1	From VIN134455
28	CDU2153	£4.55	CLIP, hose to hose	1	
29	JHC10004	£27.95	HOSE, thermostat to heater, RHD	1	
	JHC10007	£Call	HOSE, thermostat to heater, LHD	1	
30	PCP10006	£18.65	CONNECTOR	1	To VIN504670
			(Heater return to bottom hose).		
	PCP10095	£Call	CONNECTOR	1	From VIN504671
			(Heater return to bottom hose).		
31	GHC11030	£2.00	CLIP, hose 0.625"	a/r	



ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Windscreen Wiper System</b>					
1	GXE7708	£53.95	WIPER MOTOR, new	1	less drive gear
2	GXE7708P	£8.35	PLUG & LEAD, wiper motor wiring	1	
Note: Due to the motor assembly being used in many different cars, the drive gear is not supplied with an exchange assembly, it must be retained from the original.					
3	RTC198A	£13.96	BRUSH KIT	1	
4	520160A	£19.96	PARK SWITCH	1	
5	37H3694	£1.96	FERRULE, wiper motor	1	
6	608092A	£31.96	GEAR, (110 degree), 46 teeth	1	
7	37H4836SS	£8.70	STRAP, motor to bulkhead	1	stainless steel
8	150844A	£Call	PAD, wiper motor to bulkhead	1	
9	AB612051	£0.95	SCREW, strap retaining	2	self tapping
	SE604051	£0.25	SCREW, strap retaining	2	machine thread
	GHF300	£0.10	WASHER, plain	2	not illustrated
10	GHF1029	£0.55	NUT, insert in bulkhead	2	
11	AAU1909A	£17.70	TUBE KIT, wiper rack guide	1	cut and flare to fit
12	RTC202A	£9.95	WIPER RACK	1	cut to fit
13	37H7200	£13.20	WIPER WHEEL BOX	2	
14	37H7201	£11.65	WIPER BUSH KIT	2	
15	17H8769	£1.06	WIPER WHEEL BOX NUT	2	
16	14A7091	£4.30	PLUG, unused wiper Holes	2	
	WPA9022X	£24.95	WIPER ARMS AND BLADES KIT	1	RHD inc: GWB219Z x 2 and 13H5626 x 2
	WPA9023X	£24.95	WIPER ARMS AND BLADES KIT	1	LHD inc: GWB219Z x 2 and 13H5626 x 2
17	13H5629	£5.95	WIPER ARM, s/steel, LH side, RHD	2	
	13H5626	£5.95	WIPER ARM, s/steel, RH side, LHD	2	
	CZH4331	£18.60	WIPER ARM, black, LH side, RHD	2	
	CZH4173	£19.25	WIPER ARM, black, RH side, LHD	2	
18	GWB219	£7.45	BLADE, wiper, stainless steel	2	
	GWB219Z	£7.20	BLADE, wiper, stainless steel	2	
	GWB911	£5.80	BLADE, wiper, black	2	
19	DKB101480	£Call	WIPER ARM, hook fitting, RHD	2	1990-On
	DKB101490	£Call	WIPER ARM, hook fitting, LHD	2	
20	GWB911	£5.80	BLADE, wiper, hook fitting	2	

ill.	Part Number	Price £ea.	Description	Req.	Details
21	GWV102	£24.95	WASHER PUMP, manual	1	
22	GWV125	£10.96	WASHER PUMP, electric	1	remote mounted 1976 To VIN107477
	GWV1069	£Call	WASHER PUMP, electric	1	
	GWV1192	£21.85	WASHER PUMP, electric	1	1989-On
23	GWV906	£13.96	BOTTLE, 1 litre	1	bulkhead mounted
24	GWV917	£13.96	WASHER POUCH	1	fitted to early Minis
	GWV917X	£20.40	WASHER POUCH, including motor	1	fitted to early Minis
25	BHA4919	£16.94	BRACKET, washer pouch	1	
26	PMZ308	£0.17	SCREW	2	
27	GHF306	£0.16	WASHER, flat	2	
28	WL700101	£0.10	WASHER, spring	2	
29	GHF206	£0.05	NUT	2	
30	GWV918K	£9.95	WASHER BOTTLE, with lid	1	plastic, Mkl & MklI
31	13H232	£6.46	BRACKET, washer bottle	1	stainless steel
	13H232SS	£6.46	BRACKET, washer bottle	1	
32	AHH6848	£8.80	TOP WASHER BOTTLE	1	
33	GWV506	£1.66	FOOT, VALVE	1	
43	PMZ306	£0.25	SCREW	2	
35	PWZ203	£0.10	WASHER, flat	2	
36	WL700101	£0.10	WASHER, spring	2	
37	GHF206	£0.05	NUT	2	
38	GWV951	£1.70	CAP	1	
39	CZH1624	£5.05	BRACKET	1	
40	GHF423	£0.14	SCREW, bracket to bulkhead	2	
41	GHF1030	£0.40	NUT, insert in bulkhead	2	
42	GWV935	£Call	BOTTLE & CAP (Mounted on fliitch)	1	VIN 107478 To 396448
43	GWV940	£46.96	BOTTLE & CAP (Mounted on fliitch, direct acting servo).	1	VIN 396449 To 504653
44	GWV973	£Call	CAP, washer bottle	1	
45	GWV130	£8.12	WASHER PUMP, fitted in bottle	1	
46	GWV202M	£0.85	TUBING	a/r	per metre
47	GWV601	£3.95	VALVE, in bottle	1	
48	GWV401	£1.02	T-PIECE	1	1980-On
49	GWV804	£2.95	JET, black plastic	2	MkIII, to 1978
	GWV829	£1.96	JET, black plastic	2	1978-On



ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Column Switches</b>					
1	2A6215	£52.96	SWITCH, indicator	1	Mkl with indicator warning lamp on the end of stalk
	47H5200	£1.66	LENS, green	1	for Mkl indicator warning lamp
	13H7779	£44.95	SWITCH, indicator with horn and dip	1	To 1976
2	21A2658	£43.96	SWITCH, indicator, RH side	1	RHD, 1976 To VIN 196212
	21A2660	£62.95	SWITCH, indicator, LH side	1	From VIN 196213-290002
	BAU5345	£54.95	SWITCH, indicator, LH side	1	VIN290003 On
3	XPC100200PMP	£219.95	SWITCH, indicator, LH side	1	1996-On mpi
4	37H8285	£44.95	SWITCH, wipers, LH side	1	RHD, 1976 To VIN196212
	37H8286	£44.95	SWITCH, wipers, RH side	1	From 196212-290002
	BAU5346	£51.95	SWITCH, wipers, RH side	1	VIN290003 On
5	XPE100420PMP	£80.95	SWITCH, wipers, RH side	1	1996-On mpi

Note: For manual washer pump fitted prior to 1976 please see windscreen wiper system section.

Note: Between 1976 & 1984 BL Cars bought switches from both Lucas and Bonnella. Only Lucas switches are currently supplied, so when replacing a Bonnella switch both Lucas switches must be purchased as the two makes are not compatible. To quickly identify which is fitted to your car, Lucas type wash/wipe is fitted to the indicator switch by a hex-headed self tapping screw whereas the Bonnella type is riveted.

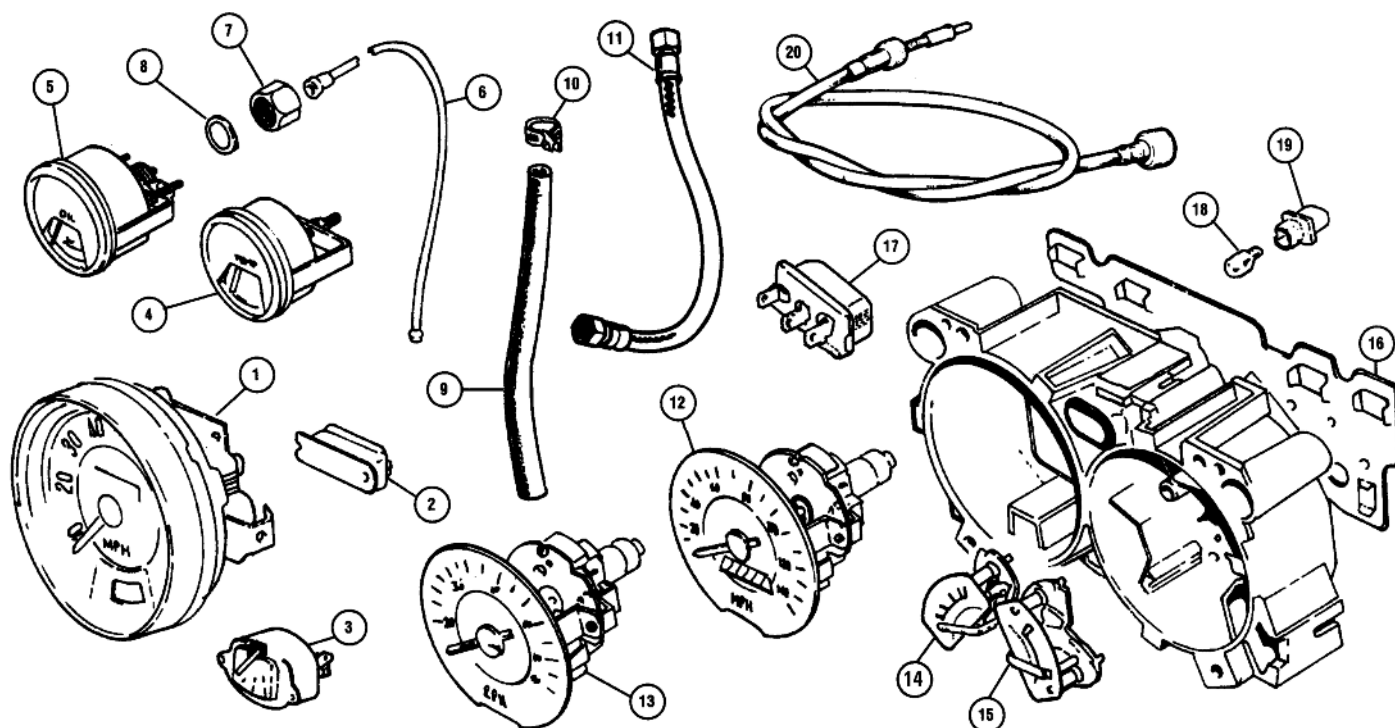
### Dash Switches

6	13H6343	£12.50	SWITCH, wipers, single speed	1	Lucas terminals
	BHA5110	£13.25	SWITCH, wipers, two speed	1	To 1976
7	13H6342	£27.95	SWITCH, lights	1	

ill.	Part Number	Price £ea.	Description	Req.	Details
8	YUF101030	£10.66	SWITCH, lights	1	pin terminals 1976-On
9	ADU4791	£10.36	SWITCH, fog lights	1	
10	YUF101680	£9.65	SWITCH, heated rear screen	1	
11	ADU4794	£17.75	SWITCH, brake check switch	1	
12	13H8725	£Call	SWITCH, hazards	1	
	YUF101660	£12.85	SWITCH, hazards	1	
13	GLB280	£1.25	BULB, illuminating switches	a/r	
14	YUF101090	£8.83	SWITCH, heater control	1	
15	YWN10002	£13.70	LED LIGHT, burglar alarm	1	alarm indicator LED light fits into dash
16	YUK100140	£Call	SWITCH, headlamp level	1	rotary switch
17	YUM10002	£1.75	KNOB, rotary switch	1	
18	XHC100010	£7.40	WARNING LAMP	1	seat belt indicator
19	YUC10004	£Call	SWITCH, sunroof	1	fitted to British open classic
	14E3386	£Call	SWITCH PANEL	1	Mkl
	14A7172	£15.25	BEZEL, switch panel	1	Mkl
	ALE2960	£18.35	SWITCH PANEL, grey	1	Mkl

### Miscellaneous Switches

20	YUE10003	£5.65	SWITCH, door courtesy light	2	
21	GAE191A	£10.80	SWITCH, reverse lights	1	
22	54K1723	£0.85	LOCK NUT, reverse light switch	1	
23	13H3735	£4.55	SWITCH, brake lights	1	} mechanical type, fitted on pedal box
24	FNZ208	£0.35	NUT, locking	1	
25	C16062A	£5.10	SWITCH, brake lights	1	} hydraulic type, fitted in brake line
26	GTR101	£4.96	SENDER UNIT, water temperature	1	
	GTR185	£8.45	SENDER UNIT, water temperature	1	all 998cc models
27	GPS133	£5.15	SWITCH, oil pressure	1	Cooper 1300



ill. Part Number Price £ea. Description

Req. Details

## Instruments And Gauges

### Centre Binnacle Instruments

1	ADU2341	£Call	SPEEDOMETER, MPH, 90MPH	1	3.4 final drive
	13H4442	£166.96	SPEEDOMETER, MPH, 130MPH	1	Cooper S
	13H4442M	£176.95	SPEEDOMETER, MPH, 130MPH	1	Cooper S, magnolia face
	13H4444	£166.96	SPEEDOMETER, KPH, 200KPH	1	Cooper S
	13H4444M	£159.95	SPEEDOMETER, KPH, 200KPH	1	Cooper S, magnolia face
2	C34770A	£11.95	VOLTAGE STABILISER	1	BR1310/00
3	13H2133E	£46.90	FUEL GAUGE	1	
4	13H4460	£44.95	GAUGE, water temperature	1	
	13H4460W	£42.95	GAUGE, water temperature	1	magnolia face
5	13H4459	£59.95	GAUGE, oil pressure	1	
	13H4459W	£63.95	GAUGE, oil pressure	1	magnolia face
6	21A804	£13.50	OIL PIPE, gauge to hose	1	
7	11B2037	£3.20	NUT	1	
8	2K4936	£0.20	SEALING WASHER	1	
9	ACA5420	£8.65	OIL HOSE	1	
	MT9102	£24.95	OIL HOSE	1	braided 4ft long
10	GGT1113X	£Call	OIL HOSE CLIP	2	
11	LUSIB703	£12.70	HOSE, plastic, oil gauge	1	alternative, with fittings
	CAM4202	£14.05	OIL PIPE, hose to cylinder block	1	
	GLB987	£0.65	BULB, dash illumination	a/r	
	24A2702	£27.31	BINNACLE, 3 clocks	1	centre clocks
	14A9907	£22.40	FINISHER TRIM, centre binnacle	1	
	14A9796	£1.33	CLIP, trim to binnacle	14	
	GAC8460X	£7.66	BINNACLE, crinkle black, single aux	1	for 80mm gauge
	GAC8461X	£9.65	BINNACLE, crinkle black, two aux	1	for 80mm + 52mm gauge
	GAC8468X	£8.30	BINNACLE, crinkle black, single aux	1	for 52mm gauge
	GAC8469X	£Call	BINNACLE, crinkle black, two aux	1	for 52mm gauge
	GAE120	£45.95	GAUGE, dynamo ammeter	1	black half face
	GAE121	£45.95	GAUGE, 52mm, alternator ammeter	1	black half face
	GAE122M	£45.95	GAUGE, 52mm, voltmeter	1	magnolia half face
	GAE122	£46.96	GAUGE, 52mm, voltmeter	1	black half face
	GAE123M	£79.96	GAUGE, 52mm, oil pressure	1	magnolia half face
	GAE123X	£77.95	GAUGE, 52mm, oil pressure	1	black half face
	GAE124M	£47.95	GAUGE, 52mm, electric water temp.	1	magnolia half face
	GAE124X	£47.95	GAUGE, 52mm, electric water temp.	1	black half face
	GAE125X	£127.96	GAUGE, 80mm, 0-7000 tach	1	black full face
	GAE127X	£128.95	GAUGE, 52mm, w/temp + o/press (Capillary water temp and capillary oil pressure).	1	black two face
	GAE128M	£76.96	GAUGE, 52mm, clock	1	magnolia full face
	GAE128Z	£Call	GAUGE, 52mm, clock	1	black full face

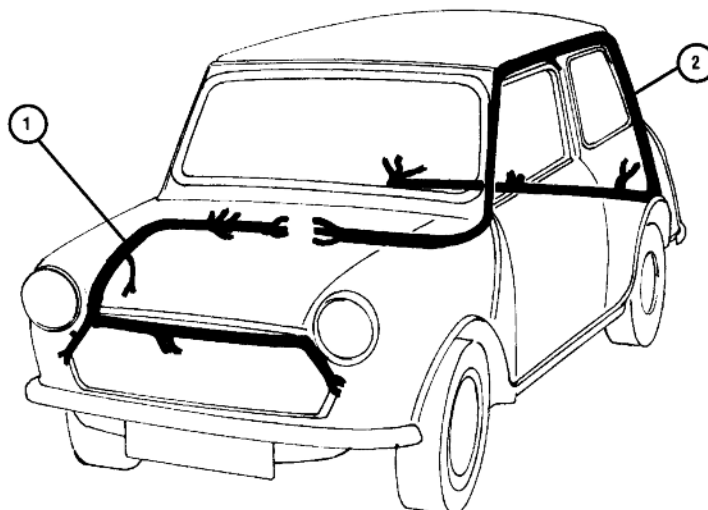
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Req. Details

GAE129M	£59.95	GAUGE, 52mm, oil temperature	1	magnolia half face
GAE130A	£145.96	GAUGE, 80mm, 0-10000 tach	1	black full face
GAE130M	£145.96	GAUGE, 80mm, 0-8000 tach	1	magnolia full face

### All Saloons After 1980 (Smiths Only)

12	ADU2281	£86.95	SPEEDOMETER, MPH	1	HL models
	ADU2283	£Call	SPEEDOMETER, KPH	1	To VIN122248
	ADU6142	£Call	SPEEDOMETER, MPH (From VIN122249 To VIN290002).	1	HLE, Mayfair & Ritz
	BAU5340	£Call	SPEEDOMETER, KPH (From VIN122249 To VIN290002).	1	HLE & Mayfair only
	BAU5340	£Call	SPEEDOMETER, KPH (From VIN277263 To VIN290002).	1	Ritz only
	BAU5402	£Call	SPEEDOMETER, MPH	1	From VIN290003
	BAU5403	£Call	SPEEDOMETER, KPH	1	
13	ADU1197E	£Call	TACHOMETER	1	To VIN290002
	BAU5404	£Call	TACHOMETER	1	From VIN290003
14	13H5894	£Call	FUEL GAUGE	1	To VIN122248
	ADU6455	£Call	FUEL GAUGE	1	From VIN122249
	BAU5405	£Call	FUEL GAUGE	1	To VIN290002
	13H5893	£Call	TEMPERATURE GAUGE	1	From VIN290003
	ADU6456	£Call	TEMPERATURE GAUGE	1	To VIN122248
	BAU5406	£Call	TEMPERATURE GAUGE	1	From VIN122249
	37H4881	£Call	PRINTED CIRCUIT BOARD	1	To VIN290002
	BAU1930	£Call	PRINTED CIRCUIT BOARD	1	From VIN290003
	CDU3247	£79.96	PRINTED CIRCUIT BOARD	1	2 clock pod
	YAH100750	£Call	PRINTED CIRCUIT BOARD	1	3 clock pod
17	BMK1539A	£59.40	VOLTAGE STABILISER	1	1989-96
18	GLB297	£1.36	BULB, dash illumination	a/r	
19	13H5270	£Call	BULB HOLDER	a/r	
20	GSD152	£10.40	DRIVE CABLE, speedometer	1	centre binnacle
	GSD102	£7.75	DRIVE CABLE, speedometer	1	To VIN122248
	GSD415	£11.05	DRIVE CABLE, speedometer	1	From VIN122249
	GSD402	£11.26	DRIVE CABLE, speedometer	1	LHD all models
	GSD487	£12.50	DRIVE CABLE, speedometer	1	1989-On
	MT9501B	£24.46	GAUGE FACE KIT, blue	1	Nippon Seiko 89-On
	MT9501G	£24.46	GAUGE FACE KIT, green	1	Nippon Seiko 89-On
	MT9501M	£24.46	GAUGE FACE KIT, magnolia	1	Nippon Seiko 89-On
	MT9501R	£24.46	GAUGE FACE KIT, red	1	Nippon Seiko 89-On
	MT9501S	£24.46	GAUGE FACE KIT, silver	1	Nippon Seiko 89-On
	MT9501W	£24.46	GAUGE FACE KIT, white	1	Nippon Seiko 89-On
	MT9501Y	£15.18	GAUGE FACE KIT, yellow	1	Nippon Seiko 89-On
	GAC8453X	£402.56	CENTRE BINNACLE KIT	1	Accessories section



ill. Part Number Price £ea. Description Req. Details

## Wiring Looms

Note: Although most of the Mini wiring looms are shown as £Call most are still available as a special order item. Please contact your local branch to discuss your requirements.

### Front Wiring Looms

1	5L503	£186.95	MAIN LOOM (850 Super Deluxe, Cooper Mkl RHD).	1	1963-67
	5L518	£186.95	MAIN LOOM (Cooper Mkl complete)	1	1965-67
	5L1332	£Call	MAIN & TAIL LOOM (850 Coil on bell housing, No temperature gauge).	1	1959-60
	5L518LHD	£186.95	MAIN LOOM (1275 with oil filter light).	1	Mkl COOPER LHD
	5L1331	£173.95	MAIN & DASH LOOM (Comm no.N20S165797A To N20S 320000A (alternator fitted)).	1	1972-75
	HAM1199	£200.95	MAIN & DASH LOOM (Comm no.N20S320001A To N20S 358125. 2 column stalk switches and mechanical brake switch).	1	1976-77
	HAM1487	£200.95	MAIN & DASH LOOM (Comm no. N20S358126 To N20S 363841. Reverse lamps 4 Fuse box).	1	1978
	HAM2174	£200.95	MAIN & DASH LOOM (Comm no. N20S363842 To N20S 122248. Fog lamps and offset instrument binnacle).	1	1979-81
	HAM2859	£Call	MAIN & DASH LOOM (VIN122249 - 179627. No reverse lamps).	1	City E model UK only
	HAM2921	£Call	MAIN & DASH LOOM (VIN 122249 - 179658).	1	City E model not UK
	HAM3683	£Call	MAIN & DASH LOOM (VIN179628 On).	1	City E model UK only
	HAM3682	£Call	MAIN & DASH LOOM (VIN 179659 On).	1	City E model not UK
	HAM2315	£Call	MAIN & DASH LOOM (Up To VIN 107477).	1	HL model
	HAM2705	£Call	MAIN & DASH LOOM (VIN 107478 - 122248. Washer pump in bottle).	1	HL model
	HAM2861	£Call	MAIN & DASH LOOM (VIN 122249 - 179630. Tachometer included).	1	HLE, Mayfair, Sprite
	HAM3684	£Call	MAIN & DASH LOOM (VIN 179631 onwards).	1	HLE, Mayfair, Sprite
	HAM4625	£Call	MAIN & DASH LOOM (VIN 253000 To VIN 345417. Pre-engaged starter & repeater lamps).	1	All LHD Models
	HAM4626	£Call	MAIN & DASH LOOM (VIN 253000 To VIN 328623).	1	All RHD models
	HAM4625	£Call	MAIN & DASH LOOM (VIN 345418 - 396448. Dim & dip head lamps, large indicator lamps).	1	All LHD models
	HAM4626	£Call	MAIN & DASH LOOM (VIN 328624 To 396448. Dim & dip head lamps).	1	All RHD models

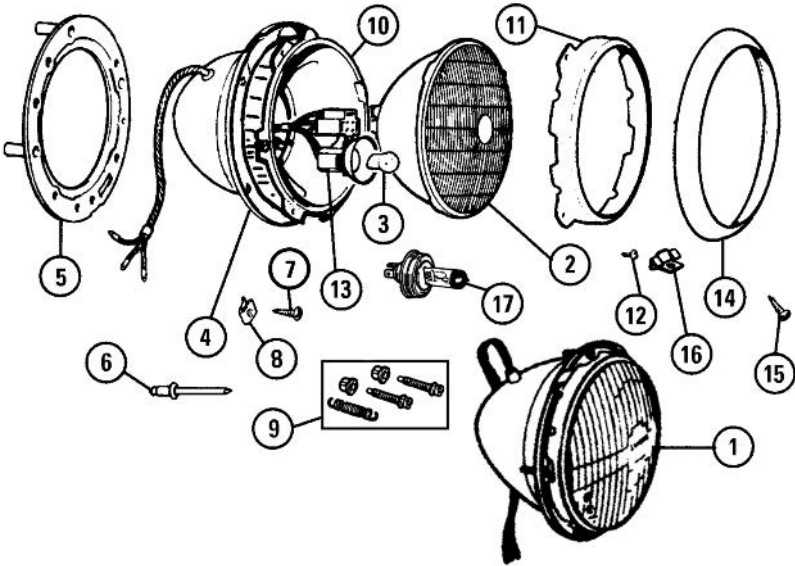
ill. Part Number Price £ea. Description Req. Details

YMC10201	£Call	MAIN & DASH LOOM (From VIN 396449 To VIN 426487 (approximately)).	1	All RHD models
YMC10202	£Call	MAIN & DASH LOOM (From VIN 396449 To VIN 426487 (approximately)).	1	All LHD models
YMC10654	£Call	MAIN & DASH LOOM (VIN 426488 (approximately) To VIN 504653).	1	All RHD models
YMC10655	£Call	MAIN & DASH LOOM (VIN 426488 (approx.) to VIN 504653).	1	All LHD models
YMC11768	£Call	MAIN & DASH LOOM (VIN 504654 On with dim/dip head lamps).	1	All manual cars
YMC11769	£Call	MAIN & DASH LOOM (VIN 504654 On without dim/dip head lamps).	1	All manual cars
YMC11428	£237.95	MAIN & DASH LOOM	1	RHD Cooper 1300cc
YMC11388	£Call	MAIN & DASH LOOM	1	RHD Cooper SE
YMC11389	£Call	MAIN & DASH LOOM	1	LHD Cooper 1300cc & SE

### Rear Wiring Looms

2	5L875	£31.96	BODY LOOM (Comm no. N20S165797A To N20S 320000A. Use with 5L1331).	1	1972-75
	HAM1301	£Call	BODY LOOM (Comm no. N20S320001A To N20S 358125. Use with HAM1199).	1	1976-77
	HAM1286	£52.96	BODY LOOM (Comm no. N20S35126A To N20S 435211).	1	
	HAM1924	£Call	BODY LOOM (Comm no. N20S358126 (VIN unknown), XL25IN100001 To N20S 675453).	1	
	HAM2920	£Call	BODY LOOM (City Export To VIN 228613, City Europe & Sprite RHD VIN 122249 On).	1	
	HAM2846	£Call	BODY LOOM (City Export VIN 228614 On, 1000cc & HL models XL25IN675454 On, City Europe & Sprite RHD VIN 140358 - 252999, Mayfair UK VIN 100720 - 147143).	1	
	HAM3065	£52.96	BODY LOOM (VIN 147144 - 252999).	1	Mayfair UK
	HAM3835	£52.96	BODY LOOM (VIN 25300 - 441904).	1	City E UK & Ritz LHD
	HAM3835	£52.96	BODY LOOM	1	Mayfair & Ritz RHD
	YMD10258	£Call	BODY LOOM (VIN 441905).	1	All RHD models
	HAM3836	£Call	BODY LOOM (To VIN 442929).	1	All LHD models
	YMD10259	£Call	BODY LOOM (VIN 442930 On).	1	
	YMD10502	£Call	BODY LOOM (To VIN057167).	1	Sprite, Mayfair, Cooper
	YMD10744	£Call	BODY LOOM (To VIN057168).	1	Sprite, Mayfair, Cooper





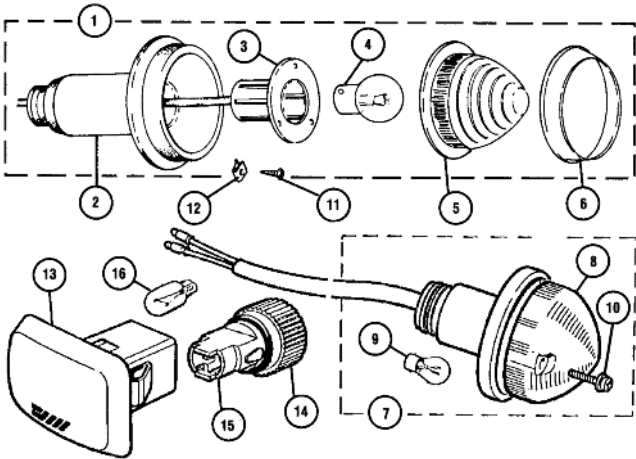
ill.	Part Number	Price £ea.	Description	Req.	Details
Headlamps & Fittings					
1	13H7922	£54.95	HEADLAMP ASSEMBLY, sealed beam	2	RHD, Lucas
	BHM7198	£45.85	HEADLAMP ASSEMBLY, sealed beam	2	RHD, Wipac
	XBC103220	£129.95	HEADLAMP ASSEMBLY, levelling type	2	LHD
			(Includes: headlamp, level motor & wire harness).		
	XBC105220	£59.95	HEADLAMP ASSEMBLY, levelling type	2	RHD, no chrome rim
	XBC105230	£109.94	HEADLAMP ASSEMBLY, levelling type	2	LHD
			(Includes: headlamp, level motor & wiring harness).		
2	13H3471A	£Call	LAMP UNIT, sealed beam	2	RHD
	27H5981A	£20.80	LAMP UNIT, sealed beam	2	LHD
	BAU1177A	£Call	LAMP UNIT, bulb type	2	LHD
	GLB410	£2.60	BULB, headlamp, white	2	France only
	GLB472	£3.84	BULB, headlamp, halogen H4, 60/55W	2	standard bulb
	GLB484	£5.75	BULB, headlamp, halogen H4, 100/90W	2	not road legal
	GLB472X	£8.45	BULB, headlamp, Xenon H4, 60/55W	2	
	GLB472BLU	£8.35	BULB, headlamp, Xenon H4, 60/55W	2	blue tint
3	GLB233	£0.58	BULB, side lamp, bayonet	2	
	GLB501	£0.55	BULB, side lamp, capless, push fit	2	
4	SML3	£12.95	BUCKET, headlamp, metal	2	
	SML3P	£13.36	BUCKET, headlamp, plastic	2	
Note: SML3P does not require the inner mounting ring or outer lamp retainer. It comes complete with adjusters, rubber seal and body fixings . Still requires 500929 chrome rim.					
5	009403	£4.15	SEAL, bucket to body	2	
6	569313	£0.35	RIVET, lamp to wing	8	
7	GHF426	£0.10	SCREW	8	alternatives
8	GHF713	£0.31	SPIRE CLIP	8	
9	BHM7058	£3.95	ADJUSTER KIT	2	
10	27H6481	£23.45	MOUNTING RING, inner, plastic	2	
	SML4	£6.95	MOUNTING RING, inner, metal	2	
11	515218A	£6.74	RIM, lamp unit retaining	2	
12	AB606021	£0.17	SCREW, rim retaining	6	
13	BAU2111	£10.96	HARNESS, headlamp	2	saloon with side lamp holder
	BAU2110	£6.60	HARNESS, headlamp	2	clubman without side lamp
14	500929	£12.95	RIM, chrome	2	
	DHF100060	£38.95	RIM, chrome	2	levelling headlamps only
15	RTC465	£0.50	SCREW, headlamp rim	2	
16	37H7421A	£1.96	SPIRE CLIP, headlamp rim	2	

Halogen Conversion Kits

Note: Halogen headlamp conversion kits. Kits include 2 lamp units, bulbs and side light fittings. Also available are kits for Clubman models without side lamp fitted in the headlamp.

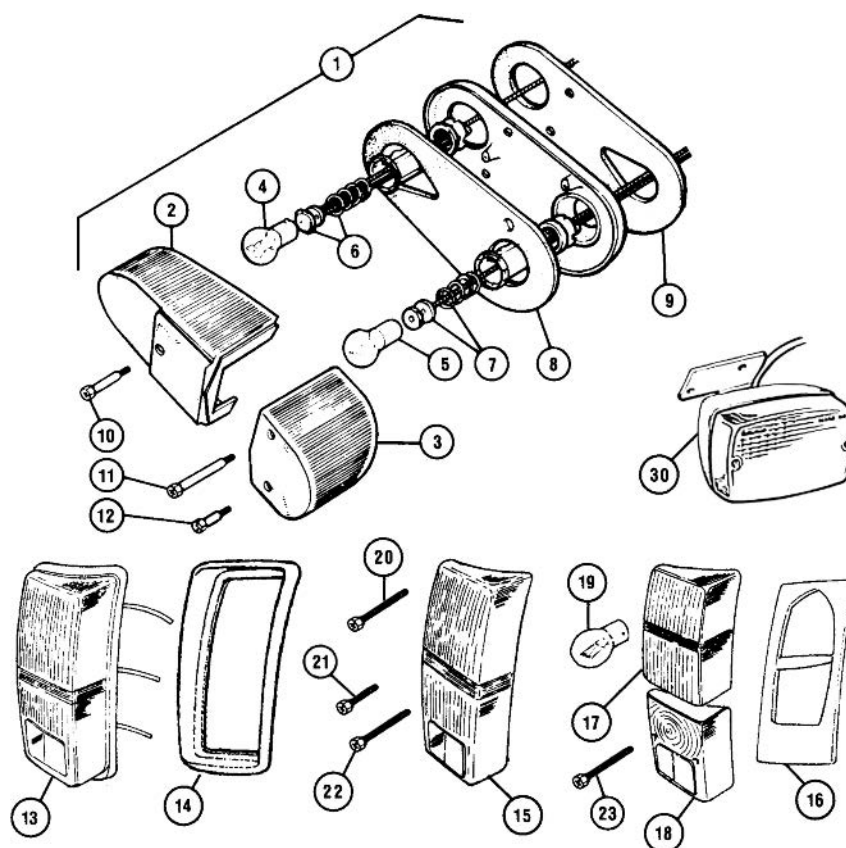
GAC4023	£85.94	HEADLAMP KIT, Lucas, halogen H4	1	RHD
GAC4023Z	£39.95	HEADLAMP KIT, Wipac, halogen H4	1	RHD
GAC4023X	£44.95	HEADLAMP KIT, Wipac, crystal H4	1	RHD
GAC4022	£39.95	HEADLAMP KIT, Wipac, halogen H4	1	RHD without side lamp
GAC4022X	£41.95	CRYSTAL LAMP KIT	1	RHD without side lamp
LULUB802	£90.95	HEADLAMP KIT, Lucas, halogen H4	1	LHD

ill.	Part Number	Price £ea.	Description	Req.	Details
	WPS4699	£59.95	HEADLAMP KIT, Wipac, halogen H4	1	LHD
	GAC4022H	£147.95	HID CONVERSION KIT, H4	1	upgrade H4 halogen headlamps
			(Use with H4 headlamp conversion).		



ill.	Part Number	Price £ea.	Description	Req.	Details
Front Indicator & Side Repeater Lamps					
1	CHM13	£7.15	LAMP, indicator, plastic amber lens	2	To 1986
	2A9013	£13.96	LAMP, indicator, glass amber lens	2	alternatives
2	508162	£2.35	SEAL, rubber	2	
3	37H5528	£7.75	HOLDER, bulb	2	
4	GLB382	£0.55	BULB, single filament	2	
5	37H5520	£6.95	LENS, amber glass	2	
	37H5520Z	£5.95	LENS, amber glass	2	aftermarket
	37H8130	£2.45	LENS, amber plastic	2	alternative
6	7H5182	£1.96	RIM, lens retaining	2	
7	AFU3389	£5.35	LAMP, indicator, screw on lens	2	
8	CDU3374	£2.56	LENS, amber, screw fixing	2	1987-On
	CDU3374W	£2.15	LENS, white, screw fixing	2	
9	GLB382	£0.55	BULB, single filament	2	
	GLB343	£1.75	BULB, amber, single filament	2	
			(Required when fitting clear indicator lens).		
10	AB606061SS	£0.25	SCREW, lens retaining	2	
11	GHF421	£0.07	SCREW, lamp to body	6	
12	AK606021	£0.35	SPIRE CLIP, on body	6	
	AAU3296A	£Call	REPEATER LAMP	2	
13	AHU2592	£5.95	REPEATER LENS	2	
	AHU2592W	£8.30	REPEATER LENS, white	2	
14	DCP8004	£7.25	HOLDER, bulb	2	1986-On
15	AFU3112	£0.95	SEAL, bulb holder	2	
16	GLB501	£0.55	BULB	2	
	GLB501X	£1.15	BULB, amber	2	
			(Required when fitting clear indicator lens).		





ill. Part Number Price £ea. Description

Req. Details

## Rear Lamp Assemblies

### Mkl Models

1	BHA4228	£52.96	LAMP ASSEMBLY, rear, RH	1	amber lens
	BHA4229	£52.96	LAMP ASSEMBLY, rear, LH	1	
2	47H5363	£9.65	LENS stop/tail, RH	1	
	47H5358	£9.65	LENS stop/tail, LH	1	
3	47H5362	£7.96	LENS, indicator, RH	1	amber
	47H5355	£7.96	LENS, indicator, LH	1	
4	GLB380	£0.46	BULB, stop/tail, dual filament	2	
5	GLB382	£0.55	BULB, flasher, single filament	2	
6	37H5459	£4.75	TERMINAL KIT, bulb socket	2	twin contact
7	37H5452	£2.35	TERMINAL KIT, bulb socket	2	single contact
8	47H5360	£2.45	GASKET, lens to base	2	
9	57H5399	£2.15	GASKET, lamp to body	2	
	47H5356K	£7.96	SCREW SET, lens retaining	2	
10	47H5359	£1.25	SCREW, stop/rear light lens	2	
11	47H5356	£1.15	SCREW, flasher lens, long	2	
12	47H5357	£1.45	SCREW, flasher lens, short	2	

### MkII on Models

There were several manufacturers of rear lamps during Mini production; Altissimo and Lucas/Carello. The Lucas/Carello type can be identified by the 'posts' which accept the lens retaining screws. Lucas/Carello are the most common type and are the type that are currently available.

13	13H6479	£54.20	LAMP ASSEMBLY, RH	1	without
	13H6480	£54.20	LAMP ASSEMBLY, LH	1	reverse light
	XFB10082	£92.95	LAMP ASSEMBLY, RH	1	with reverse light
	XFB10083	£92.95	LAMP ASSEMBLY, LH	1	and 2 piece lens
14	37H2690	£8.15	SEAL, lamp to body, RH	1	for lamps without
	37H2689	£8.15	SEAL, lamp to body, LH	1	reverse light
	37H2692	£9.95	SEAL, lamp to body, RH	1	for Lucas type
	37H2691	£9.95	SEAL, lamp to body, LH	1	lamps
15	37H4838	£20.40	LENS, stop/tail & indicator, RH	1	for lamps without
	37H4837	£20.40	LENS, stop/tail & indicator, LH	1	reverse light
16	37H6778	£1.50	SEAL, lens to lamp body	2	for lamps without
				2	reverse light
	XFH100460	£2.75	SEAL, lens to lamp body	2	for lamps with
				2	reverse light
17	XFJ10026	£24.95	LENS, stop/tail & indicator, RH	1	for Lucas type
	XFJ10027	£24.95	LENS, stop/tail & indicator, LH	1	lamps
	AAU4946	£39.95	LENS SET, RH	1	

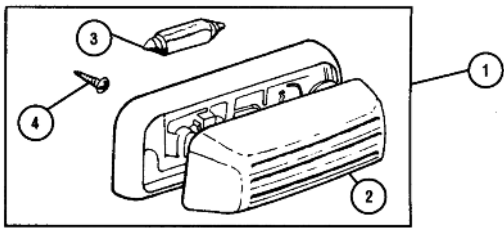
ill. Part Number Price £ea. Description

Req. Details

	AAU4947	£39.95	(Includes: stop/tail & indicator lens, reverse lens and seal & screws). LENS SET, LH	1	for Altissimo type lamps
	GAC4617	£14.95	(Includes: stop/tail & indicator lens, reverse lens and seal & screws) CLEAR LENS SET, stop/tail & indicator	1	use with Lucas type lamps only
			(Includes: clear stop/tail & indicator lenses only. Bulbs and seals sold separately. Requires bulbs: 2 x GLB343 and 2 x GLB380R).		
18	XFJ10028	£9.95	LENS, RH, reverse lamp	1	for Lucas type
	XFJ10029	£9.95	LENS, LH, reverse lamp	1	lamps
19	GLB382	£0.55	BULB, single filament	a/r	indicator/reverse
			(Clear bulb for standard coloured lenses).		
	GLB343	£1.75	BULB, single filament, indicator	a/r	
			(Amber tinted bulb for clear indicator lenses only).		
	GLB380	£0.46	BULB, twin filament, stop/tail	a/r	
			(Clear bulb for standard coloured lenses).		
	GLB380R	£1.96	BULB, twin filament, stop/tail	a/r	
			(Red tinted bulb for clear indicator lenses only).		
20	PMP214	£0.30	SCREW, top	2	for lamps without
21	PMP214	£0.30	SCREW, bottom, short	2	reverse light
22	518838	£Call	SCREW, bottom, long	2	
23	XYP100310	£Call	SCREW, lens retaining	6	

### Rear Fog Lamps

30	XFE10006	£62.56	FOG LAMP, rear, with bracket	1	RHD
	XFE10007	£62.26	FOG LAMP, rear, with bracket	1	LHD
	GLB382	£0.55	BULB	1	
	SE604051	£0.25	SCREW, bracket to body	2	
	GHF331	£0.10	WASHER, locking	2	
	GAC4612	£13.20	BRACKET, stainless steel, (pair)	1	
	GAC9400X	£15.95	BRACKET	1	relocates fog lamp when fitting bumper override kit
	GAC4608	£17.95	FOG LAMP, stainless steel	1	
	GAC4609	£17.95	REVERSE LAMP, stainless steel	1	

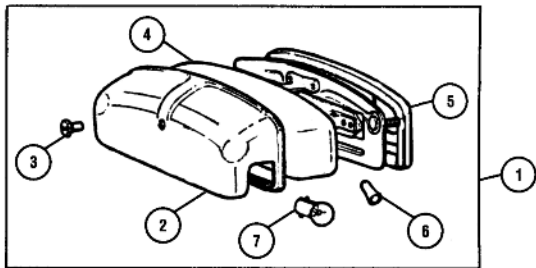


ill. Part Number Price £ea. Description Req. Details

Miscellaneous Lamps

Interior Lamps

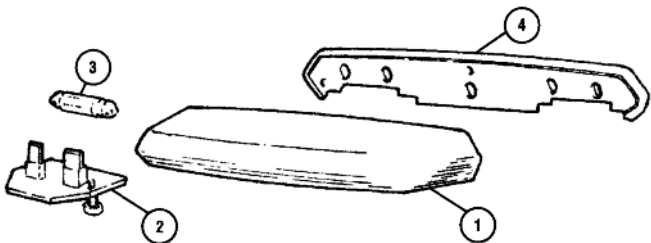
1	13H8919	£Call	INTERIOR LAMP, clear cover	1	To 1976
	EAM1650	£9.80	INTERIOR LAMP, white cover	1	1976-85
	AFU3003	£Call	INTERIOR LAMP, in headlining	1	1985-On
2	37H5923	£6.95	LENS, for lamp 13H8919	1	
	24G3389	£6.46	LENS, for lamp EAM1650	1	
3	GLB239	£0.60	BULB, festoon	1	
4	AB606051	£0.25	SCREW, lamp retaining	2	



ill. Part Number Price £ea. Description Req. Details

Mkl Number Plate Lamp

1	127916BLK	£20.95	NUMBER PLATE LAMP, black OE	1	Mkl
	127916	£20.95	NUMBER PLATE LAMP, chrome	1	alternative
	127916Z	£13.96	NUMBER PLATE LAMP, plastic	1	
2	502264	£9.16	COVER CHROME	1	
3	17H5385	£1.66	SCREW, lens cover to back plate	1	
4	601721A	£4.20	LENS, clear glass	1	
5	57H5368	£2.95	GASKET	1	
6	27H6713	£0.65	CONNECTOR, bullet terminal	2	
7	GLB989	£0.65	BULB	2	



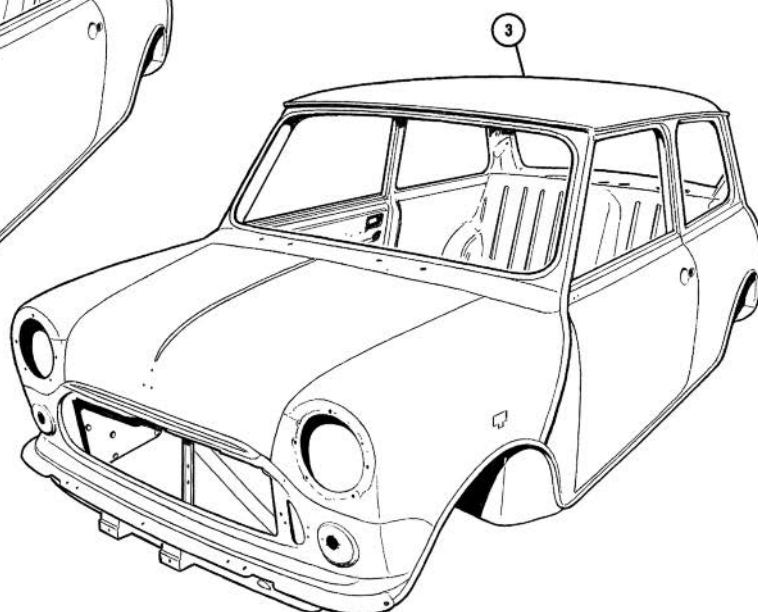
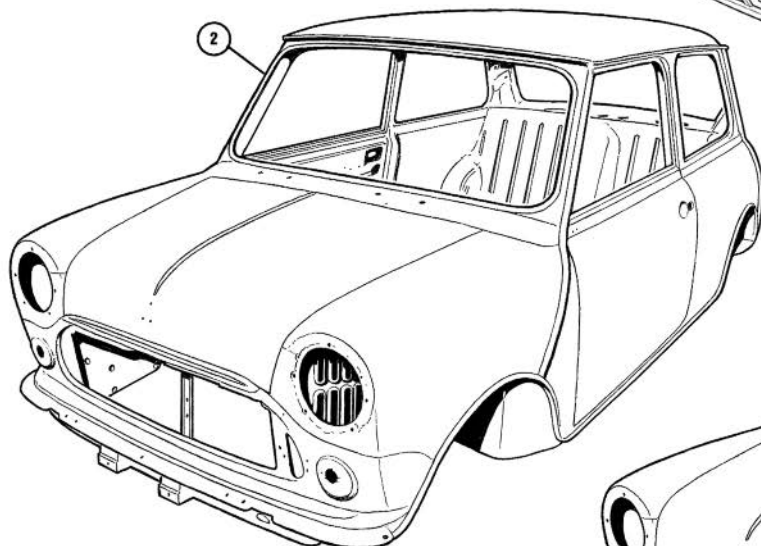
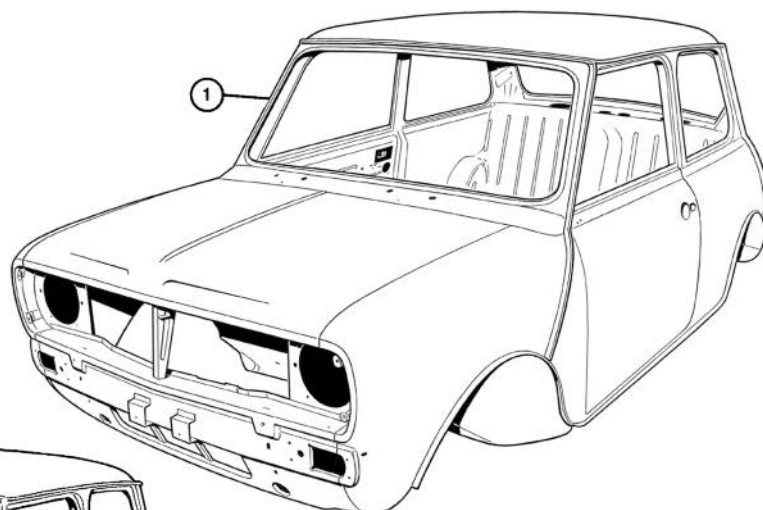
ill. Part Number Price £ea. Description Req. Details

MkIII Number Plate Lamp

1	13H6900	£36.95	BODY, number plate lamp	1	MkIII, unpainted
	GAC4614	£15.55	BODY, number plate lamp	1	MkIII, chromed metal body
2	PRC1230A	£5.95	LENS, number plate lamp	2	
3	GLB239	£0.60	BULB, festoon	2	
4	13H6010	£7.66	GASKET, lamp body to boot lid	1	

**British Motor Heritage Certificate of Authenticity**

When you purchase a BMH bodyshell from Moss Europe, you will receive a Certificate of Authenticity from British Motor Heritage. Confirming: BMH manufacture, date of purchase, body style and number.



ill. Part Number Price £ea. Description Req. Details

**British Motor Heritage BodysHELLs**

If your car needs major bodywork repairs a new bodyshell may be the best option. The cost is less than you think, by the time you add in the labour cost of fitting body parts it may well be the cheapest option.

British Motor Heritage bodysHELLs are built using the original assembly jigs. Long life is ensured by the use of zinc coated steel in rust prone areas, the shells are finished in motor industry standard black electrocoat. The shells are completely immersed in an electrically charged tank of anodic etch primer. This ensures the best possible coverage and paint ingress into all area of the body. The bodysHELLs listed below come with doors, bonnet and bootlid, they are also available without these bolt-ons please contact your branch for details.

**BodysHELL policy**

1. BodysHELLs are purchased with a 30% deposit as a special order item and customers must pay all delivery charges.
2. When bodysHELLs are received, the customer will be notified and delivery will take place within 14-21 days.
3. There will be storage charge (call) per day drawn from the deposit beginning on the 22nd day following notification if the customer is unable to take delivery.
4. If delivery is not taken within 30 days, the remaining deposit money will be returned to the customer and the order cancelled.

**Clubman bodysHELL**

The Heritage Clubman bodysHELL is a direct replacement for 1976 on Clubman models with rubber mounted subframes. It can be used for earlier cars with some modifications,

ill. Part Number Price £ea. Description Req. Details

1972-76 cars will need the subframes replacing with the rubber mounted versions, 1969-72 models had a different gear shift mechanism that will need some modifications to the bodysHELL.

1 CZH594 £5950.00 BODYSHELL, Clubman 1

**MkIV bodysHELL**

For MkIV models with rod change and rubber mounted subframes from 1976-1989. As with the Clubman shell this can be fitted to 1972-1976 models by changing to rubber mounted subframes. For earlier models more modifications will be necessary.

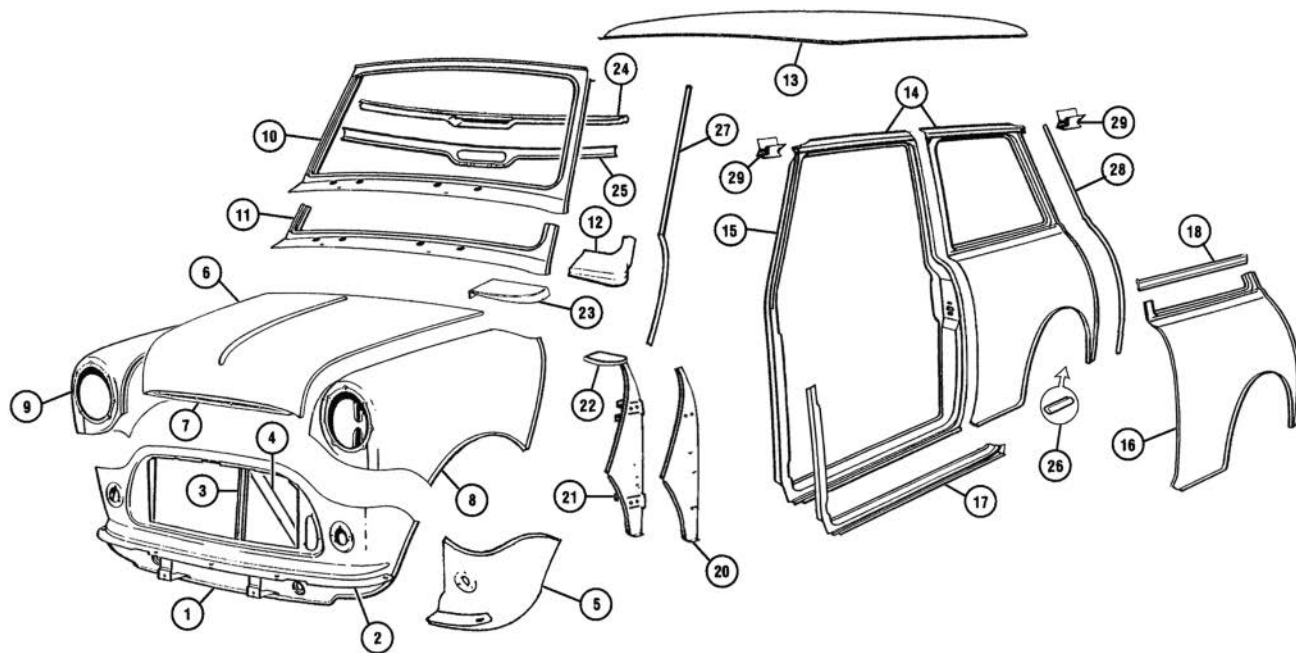
This bodysHELL comes with front wings without repeater holes, roof without aerial hole, slatted inner wing for side mount radiators and the MkIV grille panel. The dashboard bulkhead panel includes the large 'rotodip' aperture making access to the centre binnacle easier. Rear seatbelt mountings are fitted and the front seatbelt mountings are in the pre-1977 locations. The doors are supplied with side impact bars fitted.

2 BMP343 £5750.00 BODYSHELL, MkIV 1

**MkV bodysHELL**

These bodysHELLs are for cars produced from 1989 onwards, available to either standard or Sports Pack specification. Latest specification brackets for airbag sensor, alarm and boot mounted washer bottle are not included. Compatible with front mounted radiators.

3 AAA360200 £5750.00 BODYSHELL, MkV, standard 1  
AAA360210 £5750.00 BODYSHELL, MkV, Sports-Pack 1



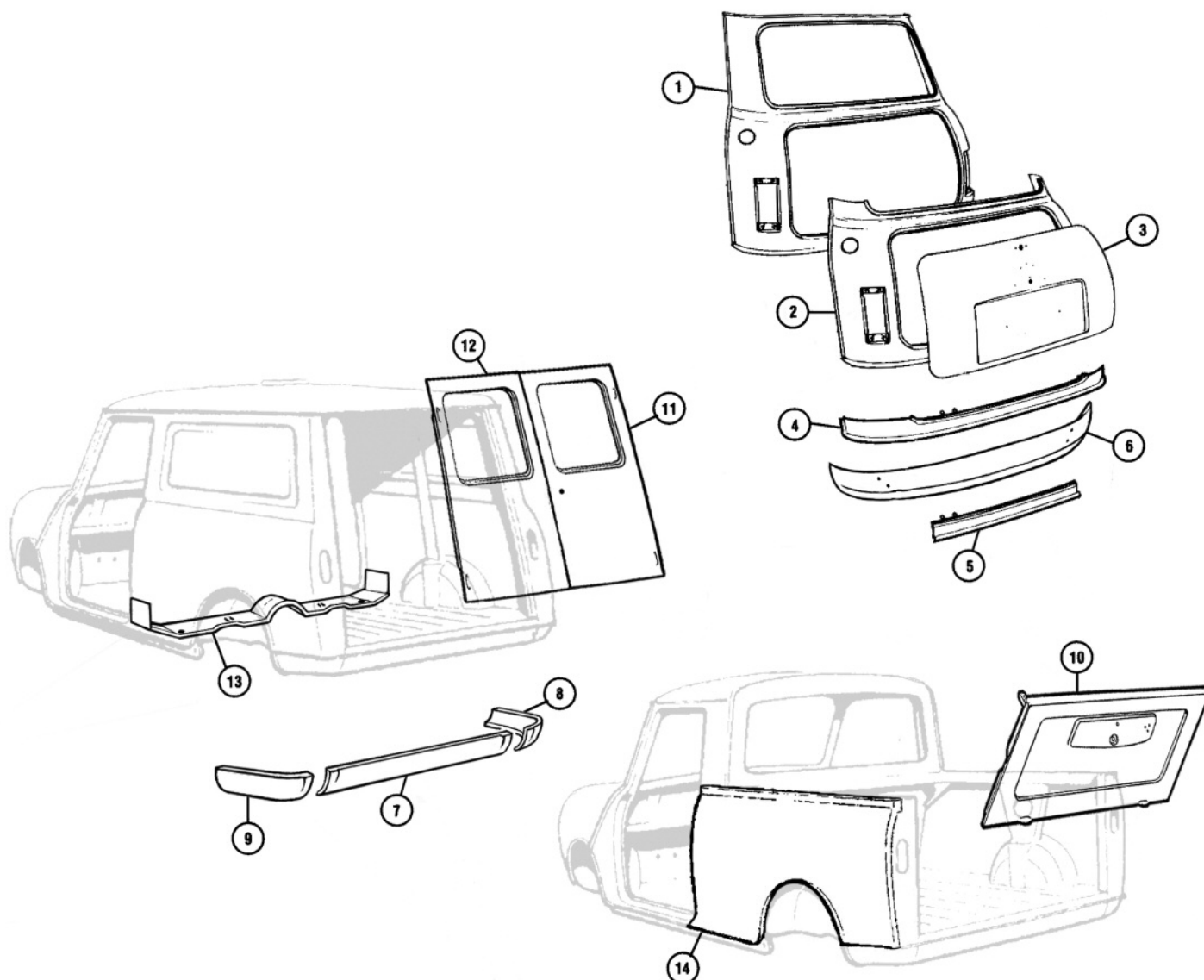
ill. Part Number Price £ea. Description Req. Details

## Front & Side Body Panels

### Saloon Models

1	14A8308	£150.00	FRONT PANEL	1	1964-75
	MBP9026	£103.96	FRONT PANEL	1	to 1976
	ALA8619	£150.00	FRONT PANEL	1	1976-89
	ALA8619Z	£81.95	FRONT PANEL, aftermarket	1	1976-89
	ASJ36002	£254.95	FRONT PANEL	1	1990-96
	ASJ360070	£150.00	FRONT PANEL	1	1996-On
2	BMP103	£13.80	BUMPER MOUNTING RAIL	1	all models
3	ALA4583	£7.75	SUPPORT, slam panel, vertical	1	to 1996
4	24A1918	£9.73	SUPPORT, slam panel, diagonal	1	with oil cooler
5	MBP9001	£50.95	REPAIR PANEL, lower front panel, RH	1	aftermarket
	MBP9002	£50.95	REPAIR PANEL, lower front panel, LH	1	aftermarket
6	24A1182	£135.00	BONNET	1	1959-67
	ALA8430	£135.00	BONNET	1	van & pick up 1972-83
	ALA7455	£135.00	BONNET	1	1967-69
	CZH455	£135.00	BONNET	1	1970-96
	CZH455Z	£107.95	BONNET, aftermarket	1	1970-96
	BKA360070	£135.00	BONNET	1	1997-On
	BKA360110	£135.00	BONNET	1	1997
7	ALA6664	£14.62	BRACKET, bonnet moulding lip	1	1967-On
8	14A7240	£88.00	WING, RH	1	to 1986
	14A7241	£88.00	WING, LH	1	
	14A6476Z	£54.95	WING, RH, aftermarket	1	no side repeater
	14A6477Z	£54.95	WING, LH, aftermarket	1	hole, to 1986
	BMP454	£88.00	WING, RH	1	with side repeater
	BMP454Z	£52.96	WING, RH, aftermarket	1	hole, 1986-On
	BMP455	£88.00	WING, LH	1	with side repeater &
	BMP455Z	£52.96	WING, LH, aftermarket	1	aerial hole, 1986-On
	ASB360010	£88.00	WING, LH	1	with side repeater hole, no aerial hole
9	14A6693	£9.73	HEADLAMP RING	2	1959-86
10	CZH3140	£171.78	WINDSCREEN FRAME	1	1970-On
11	HMP441001	£115.00	REPAIR PANEL, scuttle, full	1	windscreen lower
	MBP9000	£74.95	REPAIR PANEL, scuttle, full, aftermarket	1	panel
12	MBP9005	£19.25	REPAIR PANEL, RH, aftermarket	1	windscreen lower
	MBP9006	£19.25	REPAIR PANEL, LH, aftermarket	1	corner
13	14A5503	£325.00	ROOF PANEL, no aerial	1	1969-96
14	CZH430	£290.00	SIDE PANEL, RH, complete	1	1970-On
	CZH431	£290.00	SIDE PANEL, LH, complete	1	

15	CZH122	£95.00	DOOR SURROUND, RH	1	1970-On
	CZH123	£95.00	DOOR SURROUND, LH	1	
16	HMP441014	£95.00	QUARTER PANEL, rear, RH	1	
	MBP9019	£53.95	QUARTER PANEL, rear, RH, aftermarket	1	lower section below
	HMP441015	£95.00	QUARTER PANEL, rear, LH	1	window line, 1970-On
	MBP9020	£53.95	QUARTER PANEL, rear, LH, aftermarket	1	
17	HMP441012	£70.00	DOOR STEP REPAIR, RH	1	1970-On
	HMP441013	£70.00	DOOR STEP REPAIR, LH	1	
18	CZH426	£39.26	WAIST RAIL ASSY, RH	1	1970-On
	CZH427	£39.26	WAIST RAIL ASSY, LH	1	
20	14A6901	£32.50	A PANEL, outer, RH	1	
	14A6901Z	£9.40	A PANEL, outer, RH, aftermarket	1	1959-69
	14A6902	£32.50	A PANEL, outer, LH	1	
	14A6902Z	£9.40	A PANEL, outer, LH, aftermarket	1	
	ALA5660	£19.96	A PANEL, outer, RH	1	
	ALA5660Z	£9.95	A PANEL, outer, RH, aftermarket	1	1970-On
	ALA5661	£19.96	A PANEL, outer, LH	1	
	ALA5661Z	£9.95	A PANEL, outer, LH, aftermarket	1	
21	14A8346	£55.00	A PANEL, inner, RH	1	1959-69
	14A8346Z	£31.60	A PANEL, inner, RH, aftermarket	1	
	14A8347	£55.00	A PANEL, inner, LH	1	1959-69
	14A8347Z	£31.60	A PANEL, inner, LH, aftermarket	1	
22	14A8348	£12.00	GUSSET, A post, RH	1	top of A post
	14A8349	£12.00	GUSSET, A post, LH	1	1959-69
23	MBP9007	£8.15	REPAIR PANEL, closing, RH, aftermarket	1	flitch to scuttle
	MBP9008	£8.15	REPAIR PANEL, closing, LH, aftermarket	1	1970-On
24	14A6675	£29.50	DASH RAIL, top	1	all models
25	BMP201	£40.60	DASH RAIL, bottom	1	1970-On
26	14A6782	£2.44	SEAM COVER LOWER, rear	2	all models
27	BMP127	£13.96	MOULDING, front seam	2	
	BMP127Z	£8.90	MOULDING, front seam, aftermarket	2	
28	BMP124	£15.60	MOULDING, rear seam, RH	1	
	BMP124Z	£8.45	MOULDING, rear seam, RH, aftermarket	1	
	BMP125	£15.60	MOULDING, rear seam, LH	1	
	BMP125Z	£8.90	MOULDING, rear seam, LH, aftermarket	1	
	8B12400	£23.26	MOULDINGS, front, pair	1	stainless steel
	8B12401	£22.40	MOULDINGS, rear, pair	1	
29	GHF1560	£0.24	CLIP	a/r	for body seam moulding
	BMP128MS	£0.36	CLIP, stainless steel	a/r	for body seam moulding



ill. Part Number Price £ea. Description

Req. Details

## Rear Body Panels

### Saloon, Van & Pickup Models

1	HMP441022	£250.00	REAR PANEL COMPLETE	1	1967-On
	HMP441046	£280.00	REAR PANEL COMPLETE	1	Mkl rear lamps
	GAC8452X	£24.95	LAMP PANEL KIT, welded in	1	retro fit Mkl lamps into Mkl & MklII body
2	HMP441019	£180.00	REAR PANEL, REPAIR	1	1967-On
3	28G110	£275.00	BOOT LID	1	1959-69
	BMP339	£170.00	BOOT LID	1	1970-89
	BMP339Z	£83.95	BOOT LID ASSEMBLY, aftermarket	1	seal on boot lid
	BMP339	£170.00	BOOT LID ASSEMBLY	1	1990-On
	BMP102	£54.14	SKIN, boot lid	1	seal on bodyshell
4	HMP441009	£140.00	BOOT HINGE PANEL	1	1970-On
5	HMP441026	£37.96	LOWER REAR PANEL CENTRE	1	1967-On
6	14A5497	£45.00	REAR VALANCE	1	1967-On hinge panel repair
	14A6940	£45.00	REAR VALANCE	1	all saloons
				1	1959-69 no holes

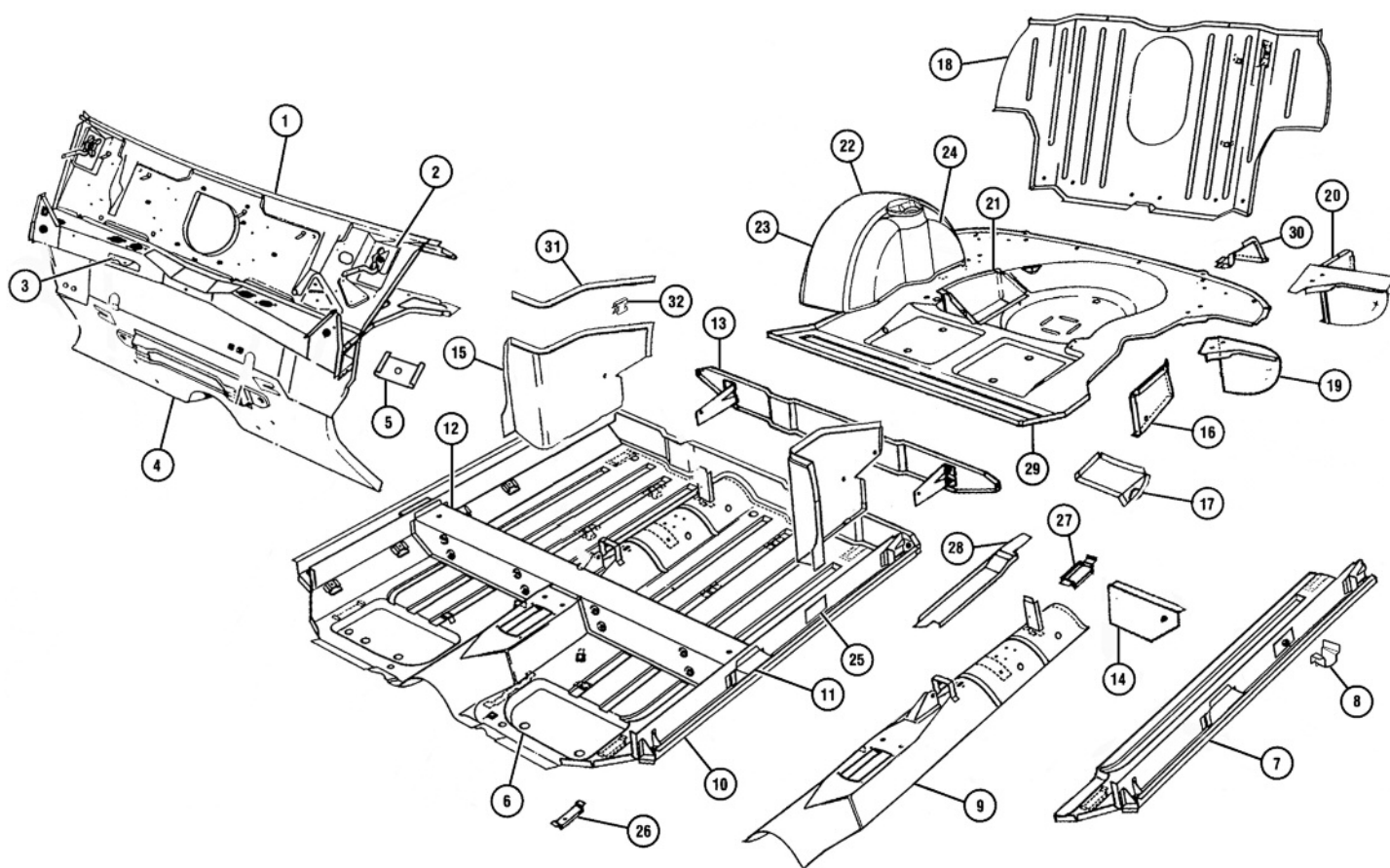
ill. Part Number Price £ea. Description

Req. Details

	CZH3353	£45.00	REAR VALANCE	1	1980-On including fog lamp mount
	CZH3353Z	£17.15	REAR VALANCE, reproduction	1	1980-On
7	14A8154	£32.47	REAR APRON CENTRE PANEL	1	all vans & pickups
	14A8154Z	£19.10	REAR APRON CENTRE PANEL	1	
8	14A6908	£18.65	REAR APRON CORNER, RH	1	
	14A6908Z	£15.85	REAR APRON CORNER, RH	1	
9	14A6909	£18.65	REAR APRON CORNER, LH	1	
	14A6909Z	£15.85	REAR APRON CORNER, LH	1	
10	CZH3293	£205.00	TAILGATE	1	pickup
11	14A8096	£225.00	REAR DOOR, RH	1	van & estate
12	14A8097	£225.00	REAR DOOR, LH	1	van & estate
13	14A9023	£57.40	FLOOR EXTENSION	1	commercial
	14A7555	£228.95	SIDE PANEL, RH	1	pickup
14	14A7556	£228.95	SIDE PANEL, LH	1	pickup

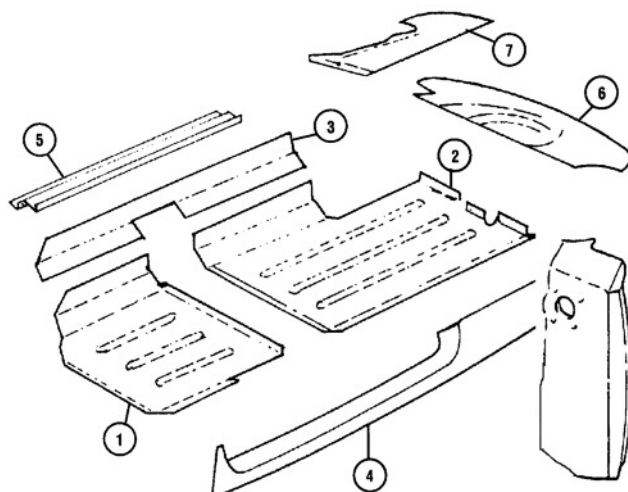
### Wood Kit Countryman Estate

HMP341002	£884.95	WOOD TRIM KIT	1
HMP341002FK	£37.96	FIXING KIT, wood trim	1



ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Underframe</b>					
1	CZH3216	£367.86	BULKHEAD ASSEMBLY, complete	1	1976-89
2	HMP441027	£29.22	HINGE KIT, bonnet	1	
3	14A6730	£8.11	BRACKET, engine stabliser	1	all requires welding
4	AHA36006	£85.00	TOEBOARD PANEL	1	all
	AHA36007	£65.00	TOEBOARD PANEL LOWER, repair	1	1990-On
5	CZG1496	£1.55	BRACKET, WASHER BOTTLE	1	all models
6	CZH2669	£190.00	FLOOR PANEL	1	1976-On rod change box
	HMP441004	£87.00	HALF FLOOR PANEL, RH	1	
	HMP441005	£87.00	HALF FLOOR PANEL, LH	1	
7	ADA36002RQ	£180.00	SILL AND FLOOR EDGE, RH	1	to 1st groove on floor
	ADA36002LQ	£180.00	SILL AND FLOOR EDGE, LH	1	to 1st groove on floor
8	14A8336	£1.85	JACKING POINT, RH	1	all
	14A8337	£1.85	JACKING POINT, LH	1	all
9	ADA36002EC	£92.86	TUNNEL ASSEMBLY	1	1976-89
10	14A9534	£32.50	SILL OUTER, RH, OE	1	1970-On
	14A9535	£32.50	SILL OUTER, LH, OE	1	1970-On
	HMP441028	£62.95	SILL KIT OUTER, OE	1	pair of outer sills both sides
	14A9534Z	£20.95	SILL OUTER, RH, aftermarket	1	1970-On
	14A9535Z	£20.95	SILL OUTER, LH, aftermarket	1	1970-On
	BHM3	£28.94	SILL OUTER, RH, 6" WIDE	1	
	BHM4	£28.94	SILL OUTER, LH, 6" WIDE	1	
	14A9026	£28.39	SILL OUTER, RH	1	van & Traveller
	14A9027	£28.39	SILL OUTER, LH	1	van & Traveller
11	14A8374	£13.75	CROSSMEMBER EXTENSION, RH	1	
	14A8375	£13.75	CROSSMEMBER EXTENSION, LH	1	
12	CZH2675	£60.95	CROSSMEMBER	1	1970-On
	CZH2675R	£40.60	CROSSMEMBER HALF, RH	1	1970-On
	CZH2675L	£40.60	CROSSMEMBER HALF, LH	1	1970-On
13	HMP441008	£62.00	HEELBOARD COMPLETE	1	all
	HMP441006	£30.00	HEELBOARD HALF, RH	1	
	HMP441007	£30.00	HEELBOARD HALF, LH	1	
14	MBP9017	£15.40	HEELBOARD REPAIR, RH	1	
	MBP9018	£15.40	HEELBOARD REPAIR, LH	1	
15	ADO360020	£31.66	COMPANION BOX ASSEMBLY, RH	1	1990-On

ill.	Part Number	Price £ea.	Description	Req.	Details
	ADO360030	£31.66	COMPANION BOX ASSEMBLY, LH	1	1990-On
16	ALA5532	£10.80	BRACKET BUMP STOP, RH	1	1967-On
	ALA5533	£10.80	BRACKET BUMP STOP, LH	1	1967-On
17	14A6611	£11.76	W/ARCH CLOSING PANEL, RH	1	
	14A6612	£11.76	W/ARCH CLOSING PANEL, LH	1	
18	24A2204	£121.75	BULKHEAD REAR	1	all (seat back)
19	ALA5524	£23.77	CLOSING PANEL REAR LWR, RH	1	
	MBP9013	£9.16	SHUT PANEL REAR VALANCE, RH	1	
	ALA5525	£23.77	CLOSING PANEL REAR LWR, LH	1	
	MBP9014	£9.46	SHUT PANEL REAR VALANCE, LH	1	
20	HMP441020	£31.66	CLOSING PANEL VALANCE, RH	1	
	HMP441021	£31.66	CLOSING PANEL VALANCE, LH	1	
21	14A6499	£45.50	BATTERY BOX ASSEMBLY	1	all
	14A6499Z	£18.95	BATTERY BOX	1	all reproduction
22	14A9558	£75.00	WHEEL ARCH REAR, RH	1	all
	14A9559	£75.00	WHEEL ARCH REAR, LH	1	all
23	14A6617	£31.60	WHEEL ARCH OUTER, RH	1	all
	14A6618	£31.60	WHEEL ARCH OUTER, LH	1	all
24	HMP441010	£43.00	TURRET REPAIR, RH	1	inc: shocker mount
	HMP441011	£43.00	TURRET REPAIR, LH	1	inc: shocker mount
	MBP9009	£23.45	TURRET REPAIR	1/2	shocker mount
25	24A2186	£6.40	SEATBELT MOUNT PLATE	2	1964-On
26	24A41	£6.34	SLINGING BRACKET FRONT	2	all
27	24A42	£6.34	SLINGING BRACKET REAR, RH	1	all
	24A43	£6.34	SLINGING BRACKET REAR, LH	1	all
28	14A8994	£12.18	CLOSING PLATE REAR BOX, RH	1	all
	14A8995	£12.18	CLOSING PLATE REAR BOX, LH	1	all
29	HMP441016	£193.00	BOOT FLOOR & SEAT PAN ASSEMBLY	1	all inc: battery box
	ALA5513	£160.00	SEAT PAN & REAR FLOOR ASSEMBLY	1	all no battery box
30	14A6609	£16.67	BRACKET REAR SUB MOUNT, RH	1	all
	14A6610	£16.67	BRACKET REAR SUB MOUNT, LH	1	all
31	ALA5828	£10.96	FINISHER RH, rear companion box	1	
	ALA5829	£10.96	FINISHER LH, rear companion box	1	
32	EYC10048	£2.45	CLIP, rear companion box	10	

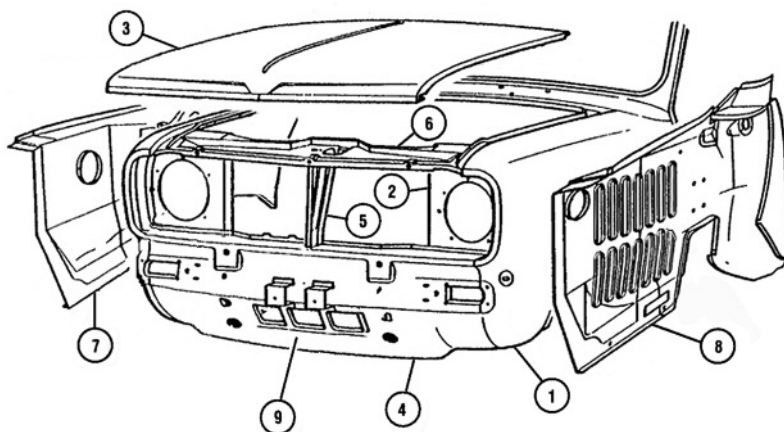


ill. Part Number Price £ea. Description Req. Details

### Underframe Repair Panels

1	BHM9	£53.95	FLOOR PAN, front, RH	1	1969-On
	BHM9Z	£16.20	FLOOR PAN, front, RH, aftermarket	1	1969-On
	BHM10	£55.96	FLOOR PAN, front, LH	1	1969-On
	BHM10Z	£16.20	FLOOR PAN, front, LH, aftermarket	1	1969-On
2	BHM11	£55.96	FLOOR PAN, rear, RH	1	1969-On
	BHM11Z	£24.95	FLOOR PAN, rear, RH, aftermarket	1	1969-On
	BHM12	£55.96	FLOOR PAN, rear, LH	1	1969-On
	BHM12Z	£24.95	FLOOR PAN, rear, LH, aftermarket	1	1969-On

3	MBP9023	£11.95	FLOOR EDGE INNER, RH	1	1969-On
	MBP9024	£11.95	FLOOR EDGE INNER, LH	1	1969-On
4	MBP9015	£49.96	DOOR STEP & QUARTER, repair, RH	1	1969-On
	MBP9016	£49.96	DOOR STEP & QUARTER, repair, LH	1	1969-On
5	BHM13	£29.95	DOOR STEP, repair, OE	2	1969-On
6	MBP9010	£23.95	BOOT FLOOR EDGE	1	1969-On
7	MBP9011	£18.16	BOOT FLOOR CORNER, RH	1	1969-On
	MBP9012	£18.16	BOOT FLOOR CORNER, LH	1	1969-On
8	ALA6278RP	£22.66	INNER WING, repair, RH	1	1969-On
	ALA6279RP	£16.85	INNER WING, repair, LH	1	1969-On



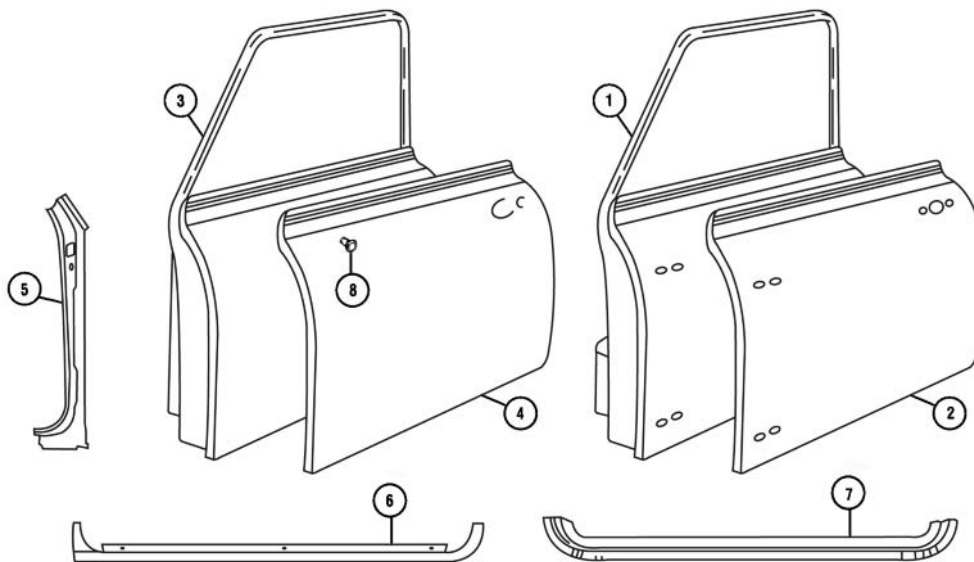
ill. Part Number Price £ea. Description Req. Details

### Front Body Panels Clubman

1	CZH408	£98.06	FRONT WING, RH	1	
	CZH409	£98.06	FRONT WING, LH	1	
	CZH120	£13.08	HEADLAMP MOUNTING, RH	1	
2	CZH121	£13.08	HEADLAMP MOUNTING, LH	1	
3	CZH2609	£148.03	BONNET ASSEMBLY	1	
4	CZH563	£96.60	FRONT LOWER PANEL	1	1970-76
	AAM1022	£96.60	FRONT LOWER PANEL	1	1976-83

5	CZH155	£26.17	BONNET SUPPORT PANEL	1	
6	CZH149	£37.38	BONNET LANDING PANEL	1	
7	CZH410	£194.39	INNER WING WITH A POST, RH	1	
8	CZH567	£209.35	INNER WING WITH A POST, LH	1	
9	HMP441039	£201.88	FRONT PANEL COMPLETE*	1	1970-7
	HMP441040	£201.88	FRONT PANEL COMPLETE*	1	1976-83

\*(Includes CZH120, CZH121, CZH563, CZH155 and CZH149).



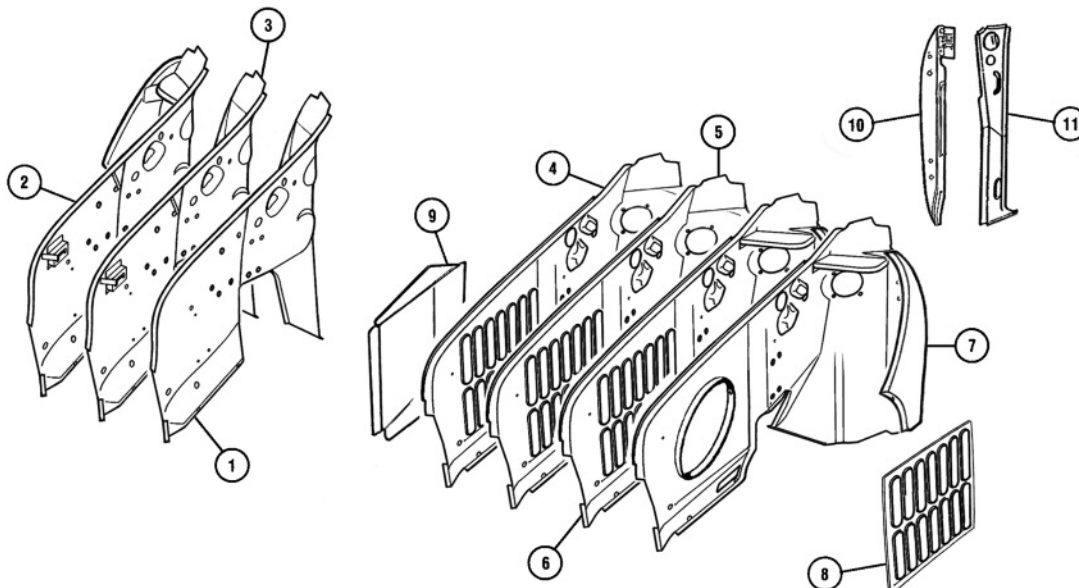
ill. Part Number Price £ea. Description Req. Details

### Doors

1	14A8306	£535.00	DOOR ASSEMBLY, RH	1	1959-69
	14A8307	£535.00	DOOR ASSEMBLY, LH	1	1959-69
2	14A5498	£70.00	DOOR SKIN, RH	1	1959-69
	14A5498Z	£48.95	DOOR SKIN, RH, aftermarket	1	1959-69
	14A5499	£70.00	DOOR SKIN, LH	1	1959-69
	14A5499Z	£48.95	DOOR SKIN, LH, aftermarket	1	1959-69
3	BMP326	£405.00	DOOR ASSEMBLY, RH	1	1970-89
	BMP327	£405.00	DOOR ASSEMBLY, LH	1	1970-89
	BDA360100	£405.00	DOOR ASSY. & CRASH BAR, RH	1	1990-On
	BDA360110	£405.00	DOOR ASSY. & CRASH BAR, LH	1	1990-On
4	CZH3300	£70.00	DOOR SKIN, RH	1	1970-On
	CZH3300Z	£40.96	DOOR SKIN, RH	1	1970-On

ill. Part Number Price £ea. Description Req. Details

	CZH3300AL	£92.95	DOOR SKIN, alloy, RH	1	1970-On
	CZH3301	£70.00	DOOR SKIN, LH	1	1970-On
	CZH3301Z	£40.96	DOOR SKIN, LH	1	1970-On
	CZH3301AL	£92.95	DOOR SKIN, alloy, LH	1	1970-On
5	14A8349Z	£27.55	DOOR JAMB, repair, RH	1	1970-On
	14A8348Z	£27.55	DOOR JAMB, repair, LH	1	1970-On
6	CZH3355Z	£19.66	DOOR INNER, repair, LH	1	1970-On
	CZH3356Z	£19.66	DOOR INNER, repair, RH	1	1970-On
7	14A8307RP	£36.95	LOWER DOOR, repair, RH	1	1959-69
	14A8306RP	£36.95	LOWER DOOR, repair, LH	1	1959-69
	CZH3350Z	£36.95	DOOR BOTTOM, repair, LH	1	1970-On
	CZH3351Z	£36.95	DOOR BOTTOM, repair, RH	1	1970-On
8	ADU2038	£3.55	RIVET NUT, door mirror	a/r	



ill. Part Number Price £ea. Description Req. Details

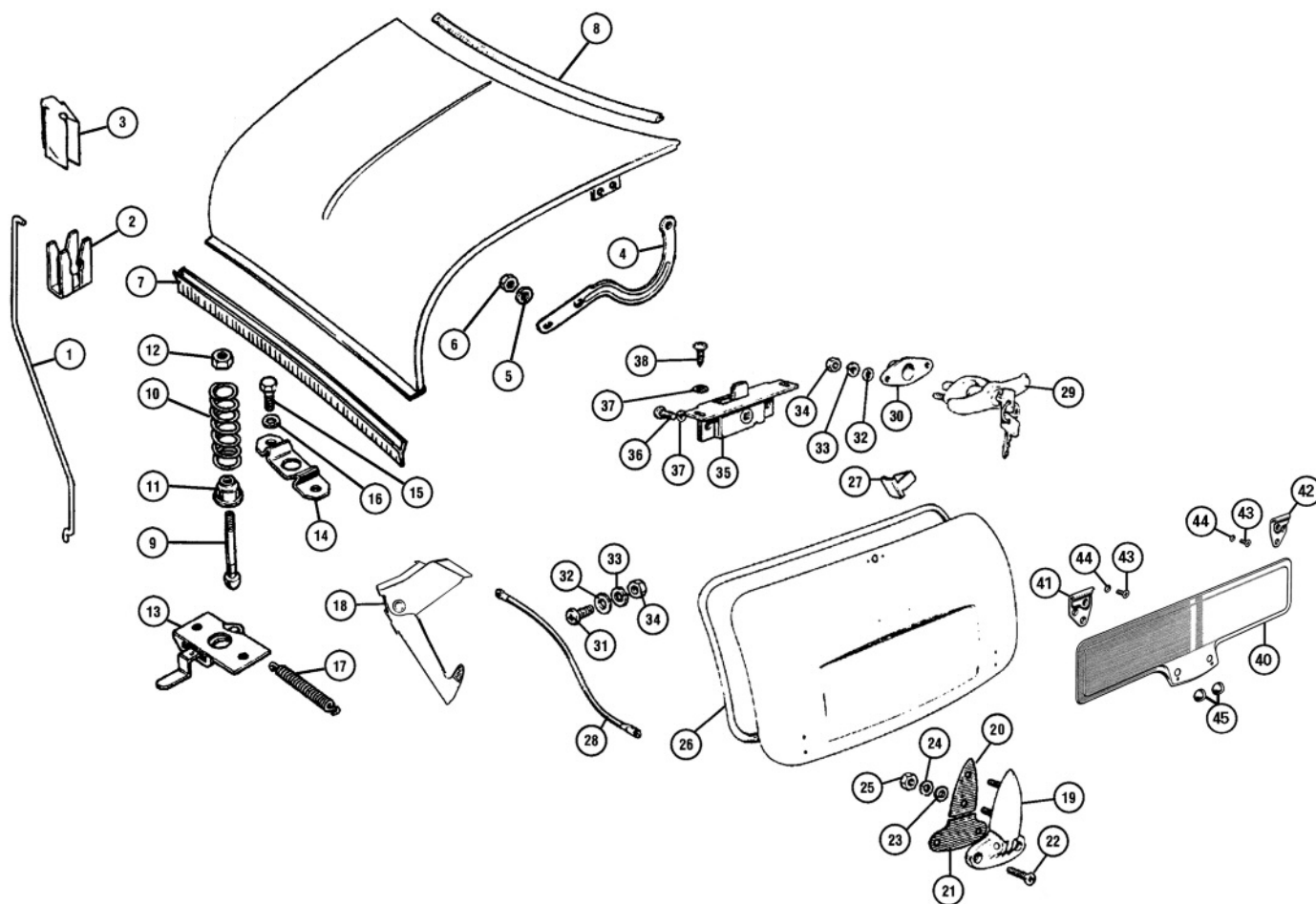
### Inner Wings

1	14A7900	£99.00	INNER WING, RH	1	Mkl 1959-69
2	ABD36004	£175.00	INNER WING, with A pan, RH	1	1969-00
3	ABD36006	£130.00	INNER WINGASSEMBLY, no A pan, RH	1	1969-00
4	14A7901	£125.00	INNER WING, LH	1	Mkl 1959-69
5	ALA6271	£99.00	INNER WING, LH	1	1969-89
	ABD36007	£112.96	INNER WING ASSEMBLY, no A pan, LH	1	1990-96 with fan hole
6	ALA6279	£175.00	INNER WING, with A pan, LH	1	1969-89

ill. Part Number Price £ea. Description Req. Details

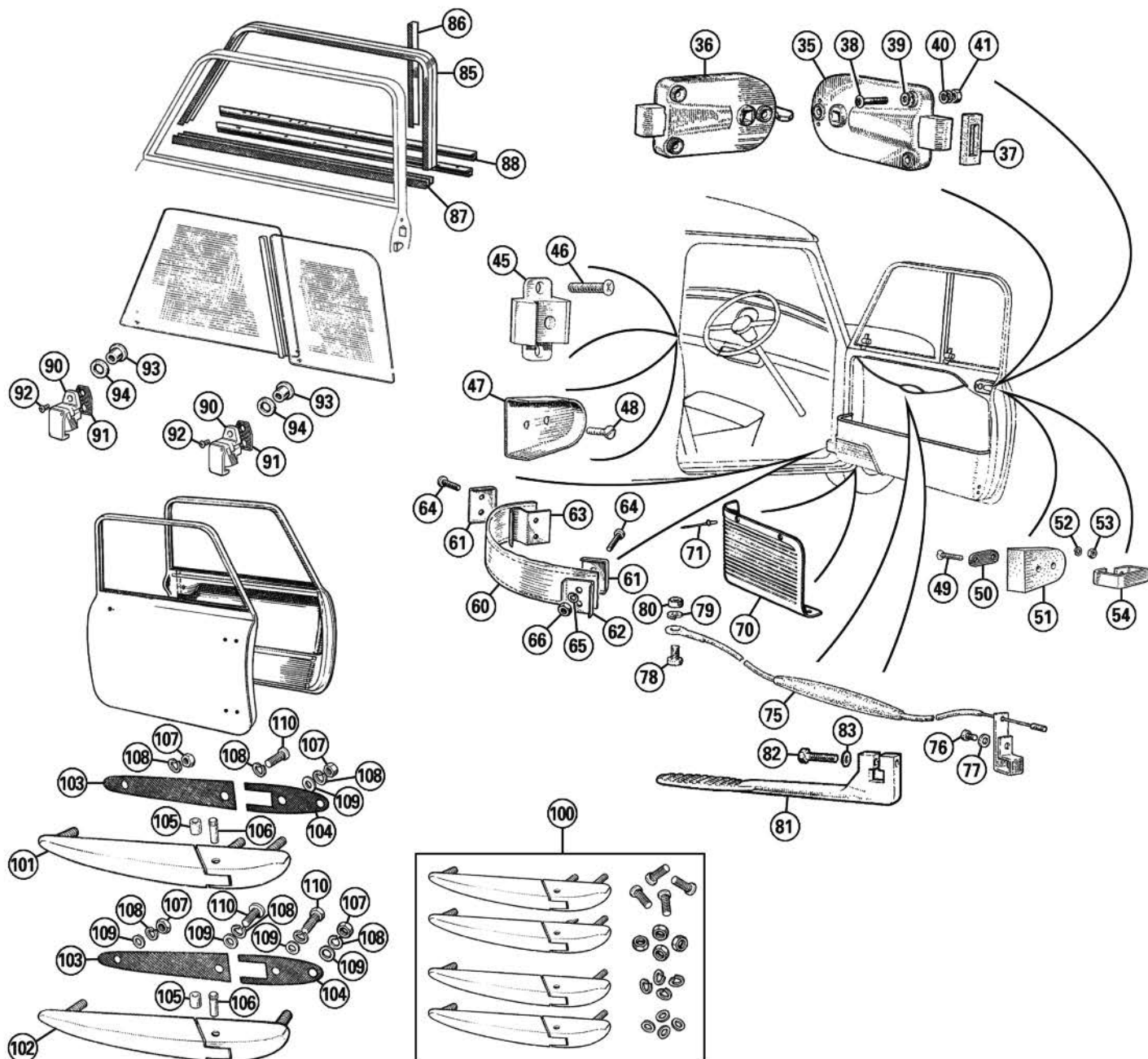
7	ABD36005	£175.00	INNER WING, with A pan, LH	1	1990-96 with fan hole
8	HMP441023	£39.50	PANEL COOLING SLATS	1	1959-89
9	14A6498	£51.00	RADIATOR COWLING	1	1959-75
10	ALA6472	£21.50	A POST INNER STIFFENER, RH	1	1970-On
	MBP9003	£16.75	A POST INNER STIFFENER, RH	1	1970-On aftermarket
	ALA6473	£21.50	A POST INNER STIFFENER, LH	1	1970-On
	MBP9004	£16.75	A POST INNER STIFFENER, LH	1	1970-On aftermarket
11	ALA5686	£13.00	BOXING PLATE A PANEL, RH	1	1970-On
	ALA5687	£13.00	BOXING PLATE A PANEL, LH	1	1970-On





ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Body Fittings</b>					
1	BKD360030	£8.95	STAY, bonnet	1	
2	24A859	£3.25	CLIP, stay to bonnet, metal	1	
3	GFK7344	£0.85	CLIP, stay retaining, rubber	1	
	GHF504	£0.12	SPLIT PIN, retainer	a/r	
4	BMP348	£27.16	HINGE, bonnet, RH	1	
	BMP349	£Call	HINGE, bonnet, LH	1	
	MSSK019	£32.40	HINGE KIT, quick release	1	
5	PWZ204	£0.10	WASHER	4	
6	GHF200	£0.10	NUT	4	
7	JRC7898	£19.96	SEAL, bonnet, front	1	
8	14A9010	£Call	SEAL, bonnet, rear sponge	1	To 1991
	BHH626M	£2.95	SEAL, bonnet, rear	1	
9	14A6586	£5.65	PIN, bonnet	1	
10	FPQ10001	£2.95	SPRING	1	
11	ADA458	£8.95	SPRING CUP	1	
12	ND606041	£0.70	LOCK NUT	1	
13	AAM1206	£22.40	CATCH	1	
14	AAM1223	£3.49	GUIDE	1	
15	SH604051	£0.16	SCREW, catch and guide to body	2	
16	GHF331	£0.10	WASHER, locking	2	
17	4G2494	£3.25	SPRING, catch return	1	
18	ALA7608	£29.95	HOOK	1	
	MCR108	£12.70	CABLE, bonnet release	1	
	GAC8425X	£38.75	BONNET RELEASE KIT	1	
19	HMP441031	£56.82	HINGES, boot, (pair)	1	
	MT8101	£13.20	HINGES, boot, (pair)	1	chrome plated
20	BMP401	£0.80	GASKET, upper hinge	1	
21	BMP402	£0.80	GASKET, lower hinge	1	
22	SG604051	£0.70	SCREW	4	
23	GHF300	£0.10	WASHER	4	
24	GHF331	£0.10	WASHER, locking	4	
25	GHF200	£0.10	NUT	4	
26	14A6584	£8.15	SEAL, boot lid, fitted to boot lid	1	To VIN 398599
	CKE10018	£7.66	SEAL, boot lid, fitted to body	1	From VIN 398600
27	14A6585	£0.60	CLIP, seal to boot lid	a/r	use with seal 14A6584
28	MCR107	£3.25	CABLE, boot lid check strap	2	

ill.	Part Number	Price £ea.	Description	Req.	Details
29	JRC2844	£25.96	HANDLE, boot lid, chrome	1	To 1980
	JRC2843	£49.96	HANDLE, boot lid, black	1	1980-84
	JRC8182	£57.95	HANDLE, boot lid, nimbus	1	1984-On
	14A7194	£52.96	HANDLE, boot lid, chrome	1	1959-69
30	CZH1747	£0.48	SEAL, handle to boot	1	
31	PMZ314	£0.40	SCREW, cable to body	2	
	PMZ308	£0.17	SCREW, cable to boot lid	2	
32	PWZ203	£0.10	WASHER, plain	6	
33	WL700101	£0.10	WASHER, locking	6	
34	GHF206	£0.05	NUT	6	
35	14A5696	£Call	LATCH, boot Lock	1	
36	PMZ307	£0.20	SCREW, latch to boot lid	2	
37	WF702101	£0.20	WASHER, locking	a/r	
38	GHF425	£0.10	SCREW, self tapping	2	
40	14A6468	£14.54	BACKING PLATE, number plate	1	
41	14A6466	£10.70	HINGE, number plate, RH	1	
42	14A6467	£10.70	HINGE, number plate, LH	1	MkI-II,
43	CMZ308	£0.16	SCREW, hinge to bootlid	6	not MkII Germany
44	WL700101	£0.10	WASHER	6	
45	14A7625	£2.35	BUFFER, number plate	2	



ill. Part Number Price £ea. Description Req. Details

Door Handles & Locks

There are two different types of door handles for the early MkI-II door. The early type, 1959-65, was a standard door handle whereas from 1966 onwards a safety boss (to stop people catching themselves on the early handle) was fitted to the door skin, under the end of the handle. This meant a shorter door handle was made to allow fitment for the boss. Originally only one lock was fitted to these cars, the exterior handle on the driver's side and the interior passenger side. In the inside of the car, the reverse was the case, with the passenger's lock assembly incorporating a safety catch and the driver's side lock assembly not. All door handles we now supply are of the locking type.

Door Handles & Seals

MkI, 1959 - 1965

1	24A1140P	£59.46	HANDLE SET, doors only	1	2 piece, with keys
2	24A1140S	£74.95	HANDLE SET, doors & boot	1	3 piece, with keys
3	14A7194	£52.96	HANDLE, boot lid, chrome, with key	1	MkI-II, 1959-65
4	24A1140LB	£21.95	LOCK BARREL SET, 2 piece, with keys	1	
5	24A1140	£29.72	DOOR HANDLE, locking, RH, with keys	1	
	14A6829	£29.72	DOOR HANDLE, locking, LH, with keys	1	
6	17H6596	£Call	BOLT, locking	2	
7	27H8618	£Call	PIN, retaining	2	
8	24A2245	£9.95	ESCUTCHEON, locking handle	1	
	24A2246	£9.95	ESCUTCHEON, non locking handle	1	MkI-II
9	ADA3817	£2.40	SEAL, escutcheon to door	2	
10	PWZ203	£0.10	WASHER, plain	4	
11	WL700101	£0.10	WASHER, locking	4	to 1966
12	PMZ308	£0.17	SCREW, escutcheon to door	4	

MkI-II, 1966-On

15	24A2083P	£69.86	HANDLE SET, doors only	1	2 piece, with keys
16	24A2083S	£74.95	HANDLE SET, doors & boot	1	3 piece, with keys
17	14A7194	£52.96	HANDLE, boot lid, chrome, with key	1	MkI-II, 1966-70
18	24A1140LB	£21.95	LOCK BARREL SET, 2 piece, with keys	1	
19	24A2083	£35.95	DOOR HANDLE, RH, with keys	1	
	24A1833	£35.95	DOOR HANDLE, LH, with keys	1	
20	17H6596	£Call	BOLT, locking	2	
21	27H8618	£Call	PIN, retaining	2	
22	24A2245	£9.95	ESCUTCHEON, locking handle	1	
	24A2246	£9.95	ESCUTCHEON, non locking handle	1	MkI-II
23	ADA3817	£2.40	SEAL, escutcheon to door	2	
24	24A2086	£Call	SPACER	4	
25	PWZ203	£0.10	WASHER, plain	4	1966-On
26	WL700101	£0.10	WASHER, locking	4	
27	PMZ308	£0.17	SCREW, escutcheon to door	4	
28	24A1834	£6.38	BOSS, door handle	2	
29	24A1835	£0.95	SEAL, boss to door	2	1966-On
30	WL700101	£0.10	WASHER, shakeproof	2	
31	PMZ308	£0.17	SCREW	2	

Door Lock Assembly

35	24A2145	£31.96	LOCK ASSEMBLY, no safety catch, RH	1	RHD, drivers side
	24A2146	£31.96	LOCK ASSEMBLY, no safety catch, LH	1	LHD, drivers side
36	24A2144	£36.95	LOCK ASSEMBLY, safety catch, LH	1	RHD, passengers side
	24A2143	£36.95	LOCK ASSEMBLY, safety catch, RH	1	LHD, passengers side
37	14A8568	£Call	SEAL, lock to door	2	
38	RMZ316	£1.30	SCREW	6	
39	PWZ103	£0.10	WASHER, plain	2	
40	WL700101	£0.10	WASHER, spring	2	
41	FNZ103	£0.14	NUT	2	

Door Lock Strikers

45	14A6832	£6.95	STRIKER PLATE, door lock	2	
46	RMZ310	£0.40	SCREW, striker plate retainer	6	
47	14A6835	£3.40	PLATE, buffer	2	
48	CMZ204	£0.25	SCREW, buffer plate retainer	4	
49	CMZ210	£Call	SCREW, buffer to door	4	
50	14A6834	£Call	PLATE, buffer fixing	2	
51	14A6833	£3.01	BUFFER, nylon	2	
52	WL700101	£0.10	WASHER, locking	4	
53	CNZ102	£0.14	NUT	4	
54	14A7680	£Call	PLATE, tapped, buffer inside door	2	

Check Straps

60	ALE1221	£11.20	CHECK STRAP, black	2	
	14E4289	£11.75	CHECK STRAP, red	2	
	DC3005P	£12.89	CHECK STRAP, grey	2	
61	14A764	£1.58	BRACKET, check strap, 2 per strap	4	
62	14A6744	£1.94	BRACKET, check strap	2	1959-69
63	14A6745	£1.85	BRACKET, check strap	2	
64	SG604083	£0.95	SCREW, countersunk, chrome	8	
65	GHF331	£0.10	WASHER, spring	4	

ill. Part Number Price £ea. Description Req. Details

Kick Plate

70	14A7176	£15.95	KICK PLATE, RH	1	
	14A7177	£15.95	KICK PLATE, LH	1	1959-69
71	GHF600	£0.05	RIVET, kick plate to door pocket	8	

Interior Door Pulls

75	24A664	£Call	CABLE, door pull	2	
76	PMZ308	£0.17	SCREW, clamping cable to lock	2	1959-68, standard,
77	PWZ103	£0.10	WASHER, plain	2	deluxe, van &
78	PMZ308	£0.17	SCREW, cable to door	2	pick-up models
79	WL700101	£0.10	WASHER, locking	2	
80	FNZ103	£0.14	NUT	2	
81	GLZ119A	£32.95	HANDLE, interior, black	2	
82	PMZ314	£0.40	SCREW, clamping handle to lock	2	1968-On, all models
83	WE702101	£0.16	WASHER, shakeproof	2	

Window Channel

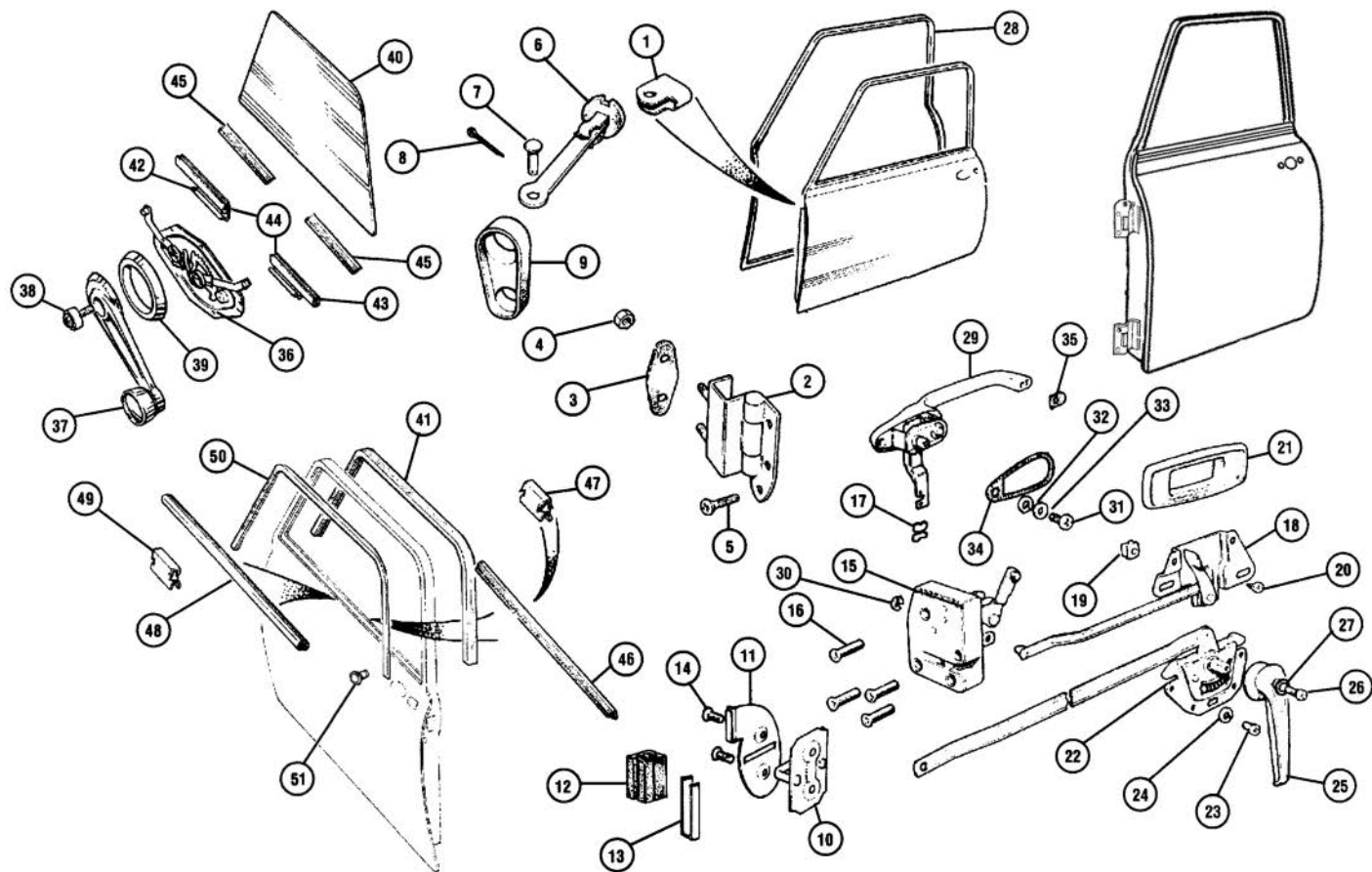
85	14A7167	£Call	CHANNEL UPPER	2	
	14A7167Z	£13.75	CHANNEL UPPER	2	aftermarket
86	EAM8530	£8.95	WEATHER STRIP, RH/LH	2	
87	24A88	£18.01	CHANNEL, lower	2	
88	24A1303	£19.36	CHANNEL PLATE, RH	1	1961-On
	24A1304	£19.36	CHANNEL PLATE, LH	1	

Window Catch

90	24A1194	£8.75	WINDOW CATCH, front, RH	1	
	24A1195	£8.75	WINDOW CATCH, front, LH	1	
	24A1196	£8.75	WINDOW CATCH, rear, RH	1	
	24A1197	£8.75	WINDOW CATCH, rear, LH	1	1963-On
91	24A1198	£4.34	SEAL, catch to glass	4	
92	RMP307	£1.60	SCREW, window catch	4	
93	14A8151	£5.30	BOSS, window catch, chrome	4	
94	14A7065B	£0.61	WASHER, for chrome boss	4	

Early Door With External Hinges

100	14A6818KA	£126.95	HINGE SET, external	1	
101	14A6818	£Call	HINGE, RH, upper	1	
	14A6819	£Call	HINGE, LH, upper	1	
102	14A6820	£Call	HINGE, RH, lower	1	
	14A6821	£Call	HINGE, LH, lower	1	
103	BMP134	£0.55	GASKET, large	4	
104	BMP135	£0.65	GASKET, small	4	1959-69
105	37H3043	£1.99	BUSH, hinge, repair	4	
106	37H3044	£1.06	PIN, hinge, repair	4	
107	GHF200	£0.10	NUT	10	
108	GHF331	£0.10	WASHER, spring	16	
109	GHF300	£0.10	WASHER, flat	12	
110	SE604061	£0.30	SCREW, pan head	6	



ill. Part Number Price £ea. Description Req. Details

## Door Fittings

### Later Door With Internal Hinges

1	CZH3121	£6.16	BRACKET, check arm	2	
2	HMP441030	£123.50	HINGE SET, internal	1	1970-On OE
	CZH202	£28.94	HINGE, upper, RH	1	
	CZH203	£28.94	HINGE, upper, LH	1	
	CZH212	£22.96	HINGE, lower	2	
	ALA6381	£1.88	WASHER, door hinge	a/r	
4	GHF221	£0.20	NUT, nyloc, hinge to body	8	
5	SF604061	£0.25	SCREW, hinge to door	10	
6	ADA5671	£13.72	CHECK STRAP, door	2	
7	CLZ413	£0.95	CLEVIS PIN, check strap to body	2	
8	GHF500	£0.10	SPLIT PIN	2	
9	CZH4052	£3.95	SEAL, check strap, rubber, RH	1	To VIN 324224
	CZH4053	£3.95	SEAL, check strap, rubber, LH	1	
	CGE10038	£11.95	SEAL, check strap, foam, RH	1	From VIN 324225
	CGE10039	£11.95	SEAL, check strap, foam, LH	1	
10	CZH627	£15.90	STRIKER, door lock	2	
11	CZD1184	£Call	STRIKER PLATE, RH	1	1990-On
	CZD1185	£Call	STRIKER PLATE, LH	1	
	CZG5254	£1.15	STRIKER PLATE	2	
12	CZD1351	£Call	BUFFER, door to striker plate	2	
13	CZD1350	£Call	RETAINER, door buffer	2	
14	SF604051	£0.30	SCREW, striker to B post	4	
	CZH628	£1.36	PLUG, B post, behind catch	2	
15	CZH3528	£47.95	LOCK ASSEMBLY, RH	1	
	CZH3529	£47.95	LOCK ASSEMBLY, LH	1	
16	ZCT410	£1.06	SCREW, lock to door	8	
17	37H6519	£Call	RETAINER, operating link	2	
18	CZH616	£3.55	LOCK CONTROL, RH	1	
	CZH617	£3.55	LOCK CONTROL, LH	1	
19	GHF1030	£0.40	NUT, plastic	4	alternative
20	AB608031	£0.11	SCREW, self tapping	4	door lock to frame
21	CZH611PA	£12.95	BEZEL, lock control, plastic	2	
22	CZH640	£5.05	RELEASE MECHANISM, RH	1	
	CZH641	£5.05	RELEASE MECHANISM, LH	1	
23	PMZ305	£0.20	SCREW, release mechanism	4	
24	WL700101	£0.10	WASHER, locking	4	
25	JPC8387PA	£5.30	HANDLE, opening, black	2	plastic
26	PMP308	£0.40	SCREW, release handle to spigot	2	
27	WE702101	£0.16	WASHER, locking	2	
28	24A1351	£10.15	SEAL, door aperture, black	2	Mkl 1959-69
	CFB10047	£11.95	SEAL, door aperture, black	2	

ill. Part Number Price £ea. Description Req. Details

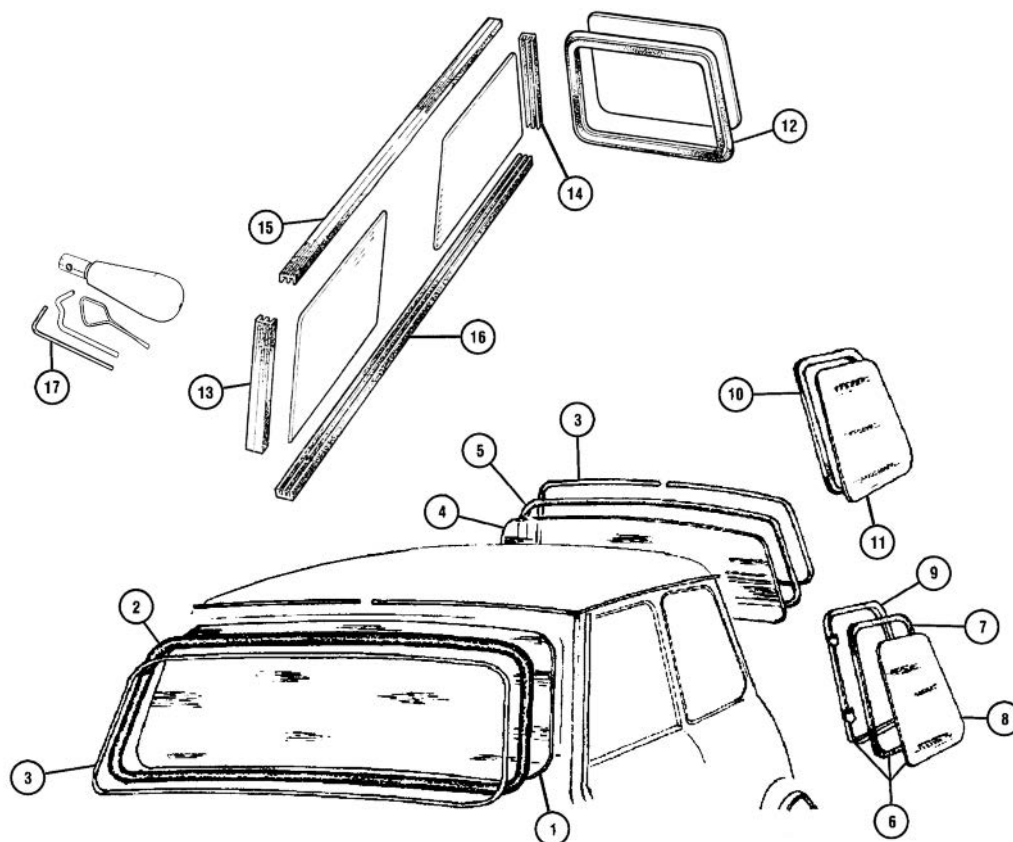
29	CZH886	£39.95	HANDLE, locking, chrome, RH	1	
	CZH887	£39.95	HANDLE, locking, chrome, LH	1	
	CZH886/7	£96.95	HANDLES, chrome, (pair)	1	1970-On inc: keys
	CZH1784S	£90.95	HANDLE SET, chrome	1	1970-72
	WPA9019X	£75.95	HANDLE SET, chrome	1	1972-On
	CZH1785LB	£53.95	BARREL SET	1	1970-On includes doors & boot
30	13H2899	£1.50	LINK CLIP	4	

Note: We supply exterior lock sets with matching keys.

31	PMZ306	£0.25	SCREW, exterior handle to door	4	
32	WL700101	£0.10	WASHER, locking	4	
33	GHF306	£0.16	WASHER	4	
34	ALA5795	£1.85	GASKET, handle large	2	
35	CZH1729	£0.76	GASKET, handle small	2	
36	CZH646	£74.95	REGULATOR, RH	1	
	CZH647	£74.95	REGULATOR, LH	1	

Note: See Accessories section for electric window kits.

37	CZA7109	£3.76	HANDLE, window winder	2	
	YGA4330	£10.15	HANDLE, window winder	2	late type
38	ZKC3317	£1.90	SCREW, window winder handle	2	
39	CZH701PA	£7.15	HANDLE SURROUND, black	2	
	GAC8495X	£71.95	HANDLE SET, alloy	1	8 piece set
			(Includes winders, openers, door pulls and lock bezels).		
40	ALA5723	£44.95	DOOR GLASS, RH/LH	2	clear
	CZH4007	£58.96	DOOR GLASS, RH/LH	2	green tint
41	PAM3076	£17.45	RUBBER SEAL, glass upper, RH	1	
	PAM3077	£11.15	RUBBER SEAL, glass upper, LH	1	
42	ALA5746	£31.94	CHANNEL, lower glass, front	2	
43	ALA5747	£Call	CHANNEL, lower glass, rear	2	
44	ALA5746/7	£25.50	CHANNEL SET, lower glass, (pair)	2	
45	37H4297	£1.85	GLAZING STRIP, rubber	4	0.5m length
46	EJU10003	£14.26	WEATHER STRIP, inner	2	with moulding
47	GHF1560	£0.24	CLIP, inner weather strip	a/r	
48	PAM1014	£16.96	WEATHER STRIP, outer, RH	1	
	PAM1015	£16.96	WEATHER STRIP, outer, LH	1	
	HMP841007	£53.95	WEATHER STRIP KIT	1	stainless steel
			(Includes pair of outer weather strips & clips).		
49	ADH3809	£0.77	CLIP, outer moulding	a/r	
50	MS67	£33.95	MOULDING, frame surround, RH	1	1970-On
	MS68	£33.95	MOULDING, frame surround, LH	1	
51	13H743	£0.95	CLIP, frame surround	24	



ill. Part Number Price £ea. Description Req. Details

## Glazing

### Windscreen, Side & Rear Glass

1	24A2236	£43.96	WINDSCREEN, laminated	1	clear
	24A2236H	£176.95	WINDSCREEN, laminated, heated	1	clear
	24A2236HM	£247.96	WINDSCREEN, laminated, heated	1	clear Monte Carlo style
	CZH4048	£47.95	WINDSCREEN, laminated	1	green tint
	CZH4048H	£182.95	WINDSCREEN, laminated, heated	1	green tint
	MS85	£58.15	WINDSCREEN, laminated	1	top tint
	MS85H	£194.95	WINDSCREEN, laminated, heated	1	blue top tint

Note: Special shipping applies to all windscreens. Please see page 02 for more information.

2	JRC2671	£11.95	SEAL, windscreen, front	1	
	CCB100130	£12.95	SEAL, windscreen, front	1	latest wide type seal
3	24A1466R	£4.75	FILLER STRIP, chrome	2	pre-cut for front and rear
	24A1466	£3.95	FILLER STRIP, chrome	2	pre-cut for rear only
	JPC2017	£5.95	CLIP, filler strip end finisher	2	
4	13H7323	£64.96	REAR SCREEN, heated	1	clear
	CZH4013	£84.95	REAR SCREEN, heated	1	green tint

Note: Special shipping applies to all windscreens. Please see page 02 for more information.

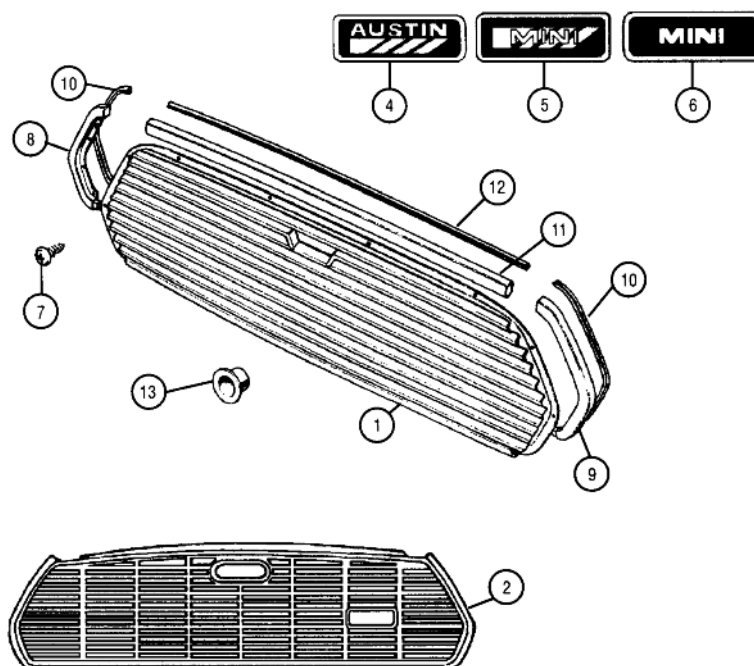
5	JRC2674	£11.95	SEAL, rear screen	1	
6	CZH3522	£245.95	QUARTER LIGHT, RH	1	clear
	CZH3523	£Call	QUARTER LIGHT, LH	1	clear
	JRC5142	£Call	GLASS, quarter light	2	clear

	CZH4010	£Call	QUARTER LIGHT, RH	1	green tint
	CZH4011	£Call	QUARTER LIGHT, LH	1	green tint
	JRC5143	£28.55	GLASS, quarter light	2	green tint
7	CZH3537	£89.95	FRAME, quarter light, RH	1	
	CZH3538	£89.95	FRAME, quarter light, LH	1	
8	JRC5142	£Call	GLASS, opening quarter light	2	clear
	JRC5143	£28.55	GLASS, opening quarter light	2	green tint
9	24A2131	£3.65	RUBBER, glazing	2	
10	PAM1019	£9.95	SEAL, opening quarter light	2	
	JRC2673	£11.15	SEAL, fixed quarter light	2	
	ALA5897	£7.15	SEAL, opening quarter light	2	Mkl
11	CZH1315	£27.95	GLASS, fixed quarter light	2	clear
12	14A7210	£35.95	SEAL, rear door windows	2	van & estate
13	14A7631	£7.09	CHANNEL, front	2	estate rear side windows
14	14A7630	£7.09	CHANNEL, rear	2	estate rear side windows
15	14A7632	£21.40	CHANNEL, upper	2	estate rear side windows
16	14A7633	£23.45	CHANNEL, lower	2	estate rear side windows

### Windscreen Tool

This is the best tool for fitting windscreens and insert strips. Supplied with a variety of hooks and eyes to allow easy fitting of the screen and rubber or plastic insert. Not suitable for metal inserts. Tech tip don't rush this job! Use a little washing up liquid to lubricate the tool and seals.

17	WBT001	£27.95	WINDSCREEN INSERT FITTING TOOL	1	
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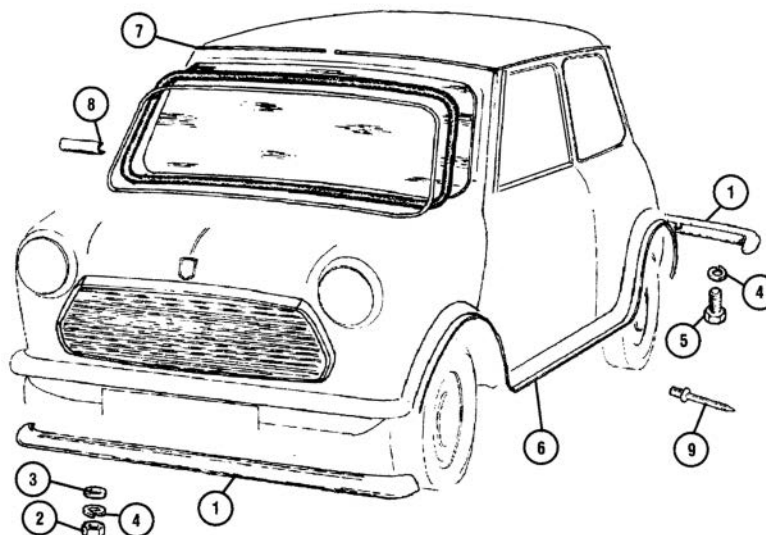
ill. Part Number Price £ea. Description Req. Details

## Front Grille & Fittings

Note: Please see the Accessories section for our full range of grilles.

1	24A2158	£74.95	GRILLE, stainless steel	1	Mkl Morris Cooper
	24A2159	£68.95	GRILLE, stainless steel (With full slats for internal bonnet release).	1	Mkl Morris Cooper
	14A7781FK	£3.95	MOUSTACHE KIT, complete	1	includes end mouldings
	14A7781	£79.96	MOUSTACHE	1	
	14A7782	£9.80	MOULDING, RH	1	for 14A7781
	14A7783	£9.25	MOULDING, LH	1	for 14A7781
	ADA3583	£0.46	CLIP	3/6	for left/right end mouldings
	24A198	£89.95	GRILLE	1	Austin Mkl Cooper and S
	14A7299	£77.95	GRILLE	1	Austin Mkl wavy grille
	ALA6654Z	£53.95	GRILLE, chrome	1	To 1977 & Mini 30
	HMP841003	£96.95	GRILLE KIT	1	inc: ALA6654Z and surrounds
	DHB10150PME	£83.95	GRILLE, black	1	1977-81
	CZH4015Z	£Call	GRILLE, black	1	1977-81
2	PAM1878	£Call	GRILLE, black with shield	1	1981-84
3	ALA6668	£50.74	GRILLE, chrome (External bonnet release).	1	Cooper Mkl
	ALA6669	£54.95	GRILLE, chrome (Internal bonnet release).	1	Cooper Mkl
	8B12502	£87.95	GRILLE (With 6in holes for spot lamp fitment, external bonnet release access).	1	Cooper Mkl stainless steel
	8B12503	£83.95	GRILLE, stainless steel (With 6in holes for spot lamp fitment, internal bonnet release).	1	Cooper Mkl

ill.	Part Number	Price £ea.	Description	Req.	Details
	GAC8434X	£117.95	GRILLE KIT	1	inc: 8B12502 grille and lamps
	GAC8420X	£109.96	GRILLE KIT	1	inc: 8B12503 grille and lamps
	8B12504	£59.95	GRILLE, stainless steel (External bonnet release access).	1	Cooper Mkl
	8B12505	£77.75	GRILLE, stainless steel (Internal bonnet release).	1	Cooper Mkl
	8B12507	£71.95	GRILLE, stainless steel (External bonnet release access).	1	as Austin wavy Mkl
	8B12508	£71.95	GRILLE, stainless steel (Internal bonnet release).	1	as Austin wavy Mkl
	ALA6669	£54.95	GRILLE, Cooper	1	Cooper 1.3i
	GAC8421X	£8.60	GRILLE BUTTON KIT	1	
	GAC8439X	£15.25	BONNET LOCK, black (Covers access to bonnet release).	1	fits externally
4	JRC7084	£18.05	BADGE, grille, Austin	1	
5	JPC9935	£Call	BADGE, grille, Mini	1	
6	DAH10003	£18.84	BADGE, grille, Mini	1	Mayfair and City
7	AB608021	£0.14	SCREW, self tapping	4	top of grille to body
	AB606031	£0.17	SCREW, self tapping	8	side edges of grille to body
8	ALA6508	£10.25	SURROUND, RH	1	
	ALA6508Z	£Call	MOULDING, RH	1	all except
9	ALA6509	£10.25	SURROUND, LH	1	Designer
	ALA6509Z	£Call	MOULDING, LH	1	
	AB606028	£0.30	FIXING SCREW,	13	surrounds and top
10	37H8108M	£6.95	SEATING STRIP, chrome	1	per metre
11	ALA6559	£23.95	FINISHER, grille top	1	
	ALA6559Z	£19.36	MOULDING TOP	1	
12	24A2708	£19.96	SURROUND seating strip, 29"	2	
13	ALA6747	£Call	PLUG, grille	2	
	HMP841009	£38.95	MOULDING KIT	1	inc: ALA6508/9/59
	CZH3553	£24.46	SURROUND, headlamp, LH	1	GT and Clubman



ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Bumpers &amp; Fittings</b>					
1	DPB10166Z	£32.95	BUMPER, stainless steel	2	aftermarket
	14A6779Z	£39.95	BUMPER, chrome	2	alternative
	14A6779SS	£49.96	BUMPER, stainless steel	2	
	14A6779SS	£49.96	BUMPER, stainless steel, drilled	2	Mkl and cars with overriders
	EAM9219	£30.95	BUMPER, black	2	Clubman
	DPB10085PMG	£Call	BUMPER, black	2	
	JRC8268Z	£48.95	BUMPER, nimbus	2	1984-88 and Mini 25
	CZH600Z	£165.00	BUMPER, front	1	Clubman
	CZH605	£Call	BUMPER, rear	1	Clubman
	14A7550	£50.94	BUMPER, quarter, chrome	2	Mini van
	EAM9248	£35.90	BUMPER, quarter, black	2	Mini van
2	GHF200	£0.10	NUT, plain, 1/4"	6	all bumpers
3	PWZ204	£0.10	WASHER, plain, 1/4"	6	except EAM9219
	WC108051	£0.14	WASHER, plain, 5/16"	8	for bumper EAM9219
4	GHF331	£0.10	WASHER, spring, 1/4"	6	all except EAM9219
	GHF332	£0.16	WASHER, spring, 5/16"	8	for bumper
5	SH605051	£0.30	BOLT, bumper to body, 5/16"	8	EAM9219
	14A9923	£19.96	OVERRIDE	2	Mkl
	14A9924	£19.96	OVERRIDE	2	Mkl
			(With holes for corner bars. Right hand front and left hand rear).		
	14A9877	£12.95	CORNER BAR, front, RH	1	
	14A9878	£12.95	CORNER BAR, front, LH	1	
	14A9919	£11.95	CORNER BAR, rear, RH	1	
	14A9920	£11.95	CORNER BAR, rear, LH	1	
	14A7598	£1.36	BRACKET	4	for fitment of overrider
	SH605101	£0.55	BOLT	4	for fitment of overrider
	37H9871M	£1.80	SEATING RUBBER	1	sold by the metre
	14A9879	£1.30	DISTANCE PIECE	4	bumper to corner bar
	GHF102	£0.25	BOLT	4	bumper to corner bar
	GHF117	£0.16	BOLT	4	overrider to corner bar
	WPA9006X	£199.94	OVERRIDE AND BUMPER KIT (Kit includes 2 bumpers pre drilled 4 corner bars, 4 over riders and all fixings).	1	
	14A8738SS	£20.95	OVERRIDE	4	Mkl plain overriders
	14A7598	£1.36	BRACKET	4	for fitment of overrider
	SH605101	£0.55	BOLT	4	for fitment of overrider
	37H9871M	£1.80	SEATING RUBBER	1	sold by the metre
	WPA9005X	£78.95	OVERRIDERS ONLY KIT (Contains over riders and fixings, no corner bars).	1	

ill.	Part Number	Price £ea.	Description	Req.	Details
	GAC9400X	£15.95	BRACKET, fog lamp relocation	1	required when fitting overriders and corner bars
<b>Mouldings &amp; Finishers</b>					
6	GZF105	£8.95	MOULDING, wheel arch, chrome	2	fluted
	GZF107	£5.95	MOULDING, wheel arch, chrome	2	flat
	GZF108M	£2.75	MOULDING, wheel arch, black	8	fluted, per metre

Note: Wheel arch extensions are available in sets, please see the Accessories section.

7	YGA1106	£99.95	MOULDING, roof gutter, black, RH	1	
	YGA1107	£99.95	MOULDING, roof gutter, black, LH	1	
	JRC8260LP	£38.75	MOULDING, roof gutter, nimbus, RH	1	
	JRC8261LP	£38.75	MOULDING, roof gutter, nimbus, LH	1	
	GAC8494X	£12.95	MOULDING, roof gutter, chrome	1	one piece chrome plastic
8	DBE10006PMD	£8.50	CLIP, roof moulding joint, black	2	
	DBE10006LMP	£7.50	CLIP, roof moulding joint, nimbus	2	

## Wheel Arch Extensions

AJM1117Z	£25.96	ARCH KIT, black	1	
CZH4312Z	£5.56	EXTENSION, wheel arch, black, RH	1	front
CZH4313Z	£5.56	EXTENSION, wheel arch, black, LH	1	front
CZH4314Z	£5.56	EXTENSION, wheel arch, black, RH	1	rear
CZH4315Z	£5.56	EXTENSION, wheel arch, black, LH	1	rear
CZH4316Z	£3.90	SILL FINISHER	2	

Note: Wheel arch extensions are also available in sets. See Accessories section for details.

	CZH4316	£Call	MOULDING, black	2	} between arch } extensions
9	DYQ100140	£1.66	RIVET, arch extension to body	a/r	
	DFJ100240LML	£123.95	EXTENSION, wheel arch (Important: see note*).	1	} front, RH, } sportspack Mini
	DFJ100250LML	£123.95	EXTENSION, wheel arch (Important: see note*).	1	
	DFK100460LML	£123.95	EXTENSION, wheel arch (Important: see note*).	1	} rear, RH, } sportspack Mini
	DFK100470LML	£123.95	EXTENSION, wheel arch (Important: see note*).	1	
	GAC4606Z	£Call	SPORTSPACK ARCH KIT (Important: see note*).	1	complete set

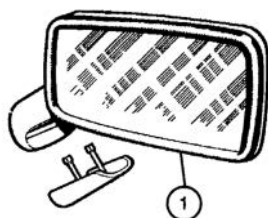
\*Note: As fitted to Rover sportspack Minis, made from rubber. They protrude 3.5". The metal arch require modification for fitment of 13" wheels).

DDJ10002	£42.95	SILL FINISHER	2	rubber strip (Fits along the sill between the front and rear arch extensions).
MRAC401	£63.95	ARCH KIT, Group 2	1	
MRAC405	£107.95	ARCH KIT, Group 5	1	

ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Mudflaps</b>					
	CAT10044	£39.60	MUDFLAPS, pair	1	Cooper logo
	AJM164	£31.25	MUDFLAPS, pair	1	Mini wording

### Hub Caps

88G337Z	£20.95	HUB CAP, chrome	4	10" wheels
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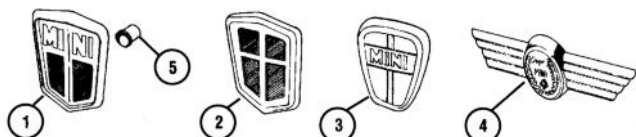


ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Door Mirrors</b>					
1	JPC9848	£50.95	DOOR MIRROR, black plastic, RH	1	
	JPC9849	£50.95	DOOR MIRROR, black plastic, LH	1	
	CRB10184LML	£73.96	DOOR MIRROR, plastic, primed, RH	1	requires painting to suit body colour
	CRB10185LML	£68.95	DOOR MIRROR, plastic, primed, LH	1	

Note: These late type plastic door mirrors are available in black plastic or primed. Later models have the plastic door mirror painted in either white or body colour. Pre-painted mirrors are no longer available. Primed mirrors should be purchased and painted to suit your car.

GAM215A	£35.70	MIRROR, door, chrome, RH	1	convex glass
GAM216A	£35.70	MIRROR, door, chrome, LH	1	convex glass
GAM217X	£31.96	MIRROR, door, chrome, RH	1	flat glass
GAM218X	£31.96	MIRROR, door, chrome, LH	1	flat glass

Note: Please see Accessories section for our full range of mirrors.

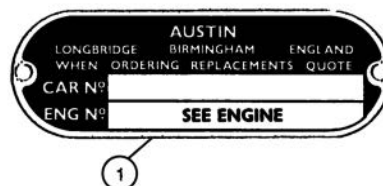


ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Badges</b>					
	24A71	£10.16	BADGE, bonnet	1	Austin Cooper and S Mkl
	24A72	£27.55	BADGE, bonnet	1	
	ADA3580	£39.95	BADGE, bonnet	1	Morris Mini Mkl
	24G1201	£22.96	BADGE INSERT, bonnet	1	Austin Mkl
	14A6837	£19.96	BADGE SURROUND, bonnet	1	Austin insert surround
	14A6802	£11.03	BADGE, boot	1	
	24A23	£7.61	BADGE, boot	1	Cooper script Mkl
	24A997	£8.68	BADGE, boot	1	Mini script
	14A6853	£7.66	BADGE, boot	1	Seven script
	24A1401	£9.70	BADGE, boot, small	1	S script
	24A1402	£9.70	BADGE, boot, large	1	S script
	24A24	£29.95	BADGE, boot	1	Morris Cooper script
	ADA3730	£17.32	BADGE, boot	1	Mini Minor script
	ALA6622	£11.50	BADGE, boot	1	Austin Mini script
	ALA6694	£7.45	BADGE, boot	1	850 script
	ALA6695	£12.60	BADGE, boot	1	1000 script
	ALA6696	£7.45	BADGE, boot	1	1275 script
	ALA6519	£14.26	BADGE SURROUND, bonnet	1	Cooper S Mkl
	ALA6514	£13.45	BADGE INSERT, bonnet	1	Austin Cooper S Mkl
	ALA6515	£17.05	BADGE INSERT, bonnet	1	Morris Cooper S Mkl
	ALA6542	£15.25	BADGE SURROUND, boot	1	Cooper S Mkl
	ALA6513	£10.16	BADGE INSERT, bonnet	1	Austin Cooper Mkl
	ALA6518	£18.50	BADGE SURROUND, bonnet	1	Austin Cooper Mkl
	ALA6511	£Call	BADGE INSERT, bonnet	1	Morris Cooper Mkl
	ALA6517	£19.85	BADGE SURROUND	1	Morris Cooper Mkl

ill.	Part Number	Price £ea.	Description	Req.	Details
	ALA6536	£12.10	BADGE INSERT, boot	1	Cooper S Mkl
	ALA6537	£16.66	BADGE INSERT, boot	1	Austin Cooper Mkl
	ALA6538	£11.15	BADGE INSERT, boot	1	Morris Cooper Mkl
	AVB192	£3.80	BADGE	1	Mkl script
	CZH1220	£16.70	BADGE, front grille	1	Clubman GT red
	CZH4016	£16.40	BADGE, boot	1	Mini Special
	CZH1269	£19.45	BADGE, boot	1	1275 GT
	CZH4154	£14.15	BADGE, boot	1	1275 GT late
	CZH4154F	£3.46	BADGE FOIL, boot badge	1	1275 GT late
	CZH1220	£16.70	BADGE, boot	1	GT, red
	CZH1381	£16.30	BADGE, boot	1	Mkl Cooper S
1	CZH4378	£25.94	BADGE, bonnet	1	To VIN 349159
	CZH1305	£24.95	BADGE, bonnet	1	blue on silver
2	KPC1002	£18.70	BADGE, bonnet	1	VIN349160 To 463576
3	DAB10076	£49.96	BADGE, bonnet	1	
	DAH10036	£39.95	BADGE, bonnet	1	Cooper models
	DAB101130	£Call	BADGE, bonnet	1	Italian job
	DAB10038	£24.46	BADGE, bonnet	1	Checkmate
	DAB10085	£51.95	BADGE, bonnet	1	Rover
	DAH100410	£Call	BADGE, boot	1	'Mini' in white as Italian Job
	DAH100590MMM	£12.20	BADGE, boot, self adhesive	1	
5	GHF1531	£0.18	LIP, badge retaining	3	1997-On Mini winged badge

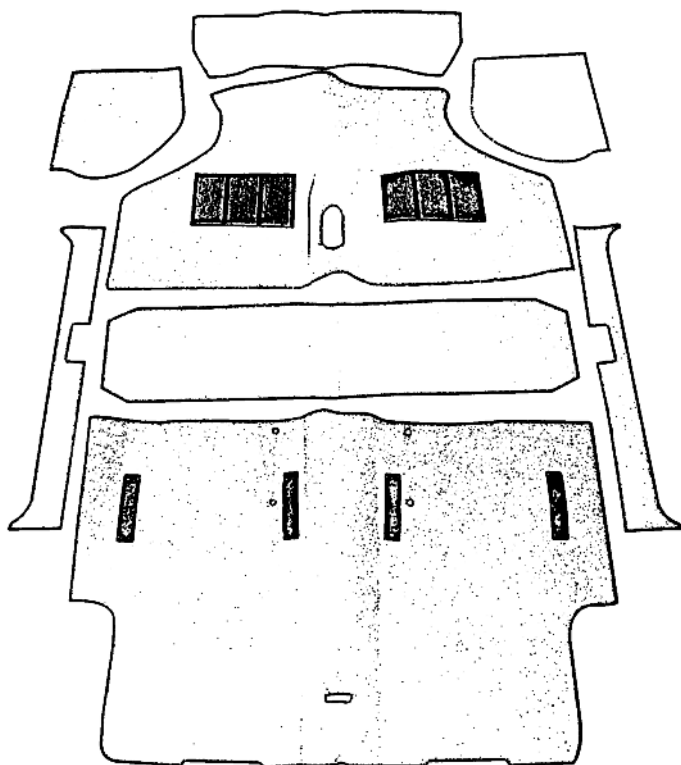


ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Decals</b>					
	DAE10119NMN	£39.95	COACHLINE, white	1	
	JRC2679NMN	£31.96	COACHLINE, white	1	
	DAE10119PMA	£Call	COACHLINE, black	1	
	DAF10380NMN	£5.20	COOPER LAUREL, white	1	
1	DAF10380PMA	£5.62	COOPER LAUREL, black	1	
	DAF10402NMN	£39.95	BONNET STRIPE, white, RH	1	
	DAF10403NMN	£39.95	BONNET STRIPE, white, LH	1	
	DAF10402PMA	£Call	BONNET STRIPE, black, RH	1	
	DAF10403PMA	£39.95	BONNET STRIPE, black, LH	1	
	DAF104090RHR	£10.02	BOOT DECAL	1	Italian Job for white cars
	DAF104090RHS	£14.56	BOOT DECAL	1	
	DAF104520RAU	£30.60	BOOT DECAL	1	Monte Carlo
	DAF104530RAU	£Call	BODY SIDE DECAL	1	Monte Carlo
	DAF104540RAU	£21.40	BONNET DECAL	1	Monte Carlo
	DAF105120	£51.00	ROOF DECAL	1	Union flag



ill.	Part Number	Price £ea.	Description	Req.	Details
<b>Chassis Plates</b>					
1	CRCP314	£6.55	CHASSIS PLATE, Austin	1	not stamped
	CRCP316	£6.35	CHASSIS PLATE, Morris	1	not stamped





ill. Part Number Price £ea. Description Req. Details

## Carpet Sets

Minis can get very noisy when driving at speed, our carpet sets are made with this in mind. The front sections of carpet feature 12mm thick sections of sound deadening laminated to the carpet backing to keep the sound levels as low as possible. Carpet set includes all fittings.

CSA9000X	£152.60	CARPET SET, black	1
CSR9000X	£152.60	CARPET SET, red	1
CSF9000X	£152.60	CARPET SET, grey	1

These moulded carpet sets are produced by the original manufacturer. They do not have sound deadening backing material, however, we offer a sound deadening kit made of the same material as fitted to the carpet sets listed above. See Sound Insulation listed below.

CSA9002X	£152.60	CARPET SET, black	1	To 1973
CSA9002Z	£36.70	CARPET SET, black	1	budget type, beaded edge
CSF9002X	£152.60	CARPET SET, grey	1	To 1973
CSF9002Z	£36.70	CARPET SET, grey	1	budget type, beaded edge
CSN9001Z	£36.70	CARPET SET, blue	1	budget type, beaded edge
CSR9002X	£152.60	CARPET SET, red	1	To 1973
CSR9002Z	£36.70	CARPET SET, red	1	budget type, beaded edge
610624	£0.25	FASTENER, fitted to floor	4	
GHF600	£0.05	RIVET, for 610624	4	
2H8445	£0.40	CLIP, carpet to floor	4	
14G8736	£0.25	RING, spiked, through carpet	4	

## Sound Insulation Kits

Keeping the volume of noise in your Mini down to a minimum can be a problem, any of the products listed below should help to solve the problem.

GAC8417X	£64.60	INSULATION KIT, engine bay	1	bonnet & bulkhead
GAC8429X	£40.24	INSULATION KIT, interior	1	under carpet

## Boot Floor Kit

Tidy the boot space with one of these carpeted wood false floor kits. Installed it provides a flat floor tidying the boot area and helping to protect the battery and spare wheel.

BFK9001X	£80.51	FLOOR KIT, 5.5 gallon	1	1974-79
BFK9002X	£80.51	FLOOR KIT, 7.5 gallon	1	1980-On
BFK9004X	£113.38	BRACKET SET, boot floor	1	165 section tyres

ill. Part Number Price £ea. Description Req. Details

## Dash Panel Kits

DPK9000X	£38.12	DASH PANEL KIT, centre speedo	1	speedo only
DPK9001X	£38.12	DASH PANEL KIT, centre binnacle	1	3 gauge no vents
DPK9002X	£38.12	DASH PANEL KIT, centre binnacle	1	3 gauge with vents
DPK9003X	£58.24	DASH PANEL KIT, offset binnacle	1	2 & 3 gauge, RHD
DPK9004X	£58.24	DASH PANEL KIT, offset binnacle	1	2 & 3 gauge, LHD

## Trim Panel Kits

Enhance the interior of your Mini, available in Black, Red or Nimbus (grey). These high quality trim panel kits feature a horizontal seam welded design styled on the original Cooper trim design.

TKF9000X	£337.02	TRIM PANEL KIT, deluxe, grey	1	Mkl & II
TKF9008X	£337.02	TRIM PANEL KIT, standard, grey	1	Mkl & II
TKR9000X	£315.82	TRIM PANEL KIT, deluxe, red	1	Mkl & II
TKA9008X	£316.90	TRIM PANEL KIT, standard, black	1	Mkl & II
TKA9042X	£216.19	TRIM PANEL KIT, black	1	MkIII On
TKR9042X	£216.19	TRIM PANEL KIT, red	1	MkIII On
TKF9042X	£198.17	TRIM PANEL KIT, grey	1	MkIII On
GHF1222	£0.30	CLIP, trim panel to door	a/r	MkIII On
YGA452	£15.95	POCKET, door, plastic	2	MkIII On

## Headlining & Sun Visors

Our headlinings feature a ready stitched vinyl replacement main section with all loops stitched in place. The kit also contains a pair of rear pillar covers in matching material.

HLK3000C	£112.31	HEADLINING KIT, cream crackle	1	Mkl
		(Inc: Both rear C post material panels, shape rods not included).		
PAM5401LNG	£194.95	HEADLINING KIT, grey	1	MkIII On
		(Inc: Both rear C post material panels, shape rods not included).		
HLK3012P	£112.31	HEADLINING KIT, light grey	1	
HLK3012W	£112.31	HEADLINING KIT, white	1	
EEB100060	£15.46	HEADLINING RAIL	1	number 1
EEB100070	£15.46	HEADLINING RAIL	2	number 2 and 3
EEB100080	£15.46	HEADLINING RAIL	1	number 4
EEB100090	£15.46	HEADLINING RAIL	1	number 5
EEB100100	£15.46	HEADLINING RAIL	1	number 6
YGX4173LNG	£82.96	SUN VISOR, light grey	1	
GAC8465X	£39.16	VISOR, black	1	no mirror
GAC8466X	£46.60	VISOR, black	1	with mirror

## Parcel Shelf Kits

DPK9010X	£37.06	DASH LINER KIT, parcel shelf	1	central binnacle
DPK9010CARDS	£35.98	DASH LINER SUPPORTS	1	

## Trim Adhesive

UBS110	£18.30	ADHESIVE, 0.5 litre	a/r
UBS203	£7.55	ADHESIVE, 370g aerosol	a/r

## Miscellaneous

EEP11Z	£11.56	AERIAL, stainless steel	1	
GAC7999X	£10.75	HEADLAMP EYEBROWS, chrome	1	pair
GAC8431X	£91.96	CAR COVER	1	
KRH10003	£66.95	SUMPGUARD, Cooper	1	
EBF100150	£55.25	LOAD LINER, boot	1	
24A1169	£13.70	FINISHER, rear pocket	2	Mkl & II
24A1538	£11.20	ASHTRAY, flat lid	1	
8D2490	£11.95	ASHTRAY, slotted lid	1	
MT9301	£8.12	AIR VENT COVERS, chrome	1	
		(Includes vent surrounds and adjuster knob covers).		
105-467	£Call	CARBON FIBRE SHEET	1	
GAC8418X	£45.95	TOOL BAG, black hardura	1	
GAC8419X	£29.95	JACK BAG, black hardura	1	

Hardware and Fixings

Following is a listing of the common fasteners used on BL cars. These fasteners are for general use and are not intended to replace those listed for specific applications elsewhere in this catalogue.

To aid identification by terminology, a screw is threaded for its full length. A bolt is only part threaded with a plain unthreaded shank area between the head and the thread. The part number two letter prefix of SH means that the item is a Screw with a Hexagon head. The prefix BH means a Bolt with a Hexagon head. The first number defines the thread type, UNF = 6, UNC = 5. The second and third numbers give the thread diameter in increments of 1/16", e.g. 04 = 1/4", 05 = 5/16", 10 = 5/8". The fourth and fifth digits show the length in increments of 1/8", e.g. 04 = 1/2", 16 = 2", 23 = 2 7/8". The last digit defines finish, 1 = zinc plated. This coding system is only applicable to bolts and screws; nuts & washers are coded by a similar system that follows some of the above principles.

3/16" UNF Bolts & Set Screws

Hexagon Headed 3/8" A.F. Spanner Size

Bolt	Length	Set Screw
N/A	3/8"	HU503
N/A	1/2"	HU504
N/A	5/8"	HU505
N/A	3/4"	HU506
N/A	7/8"	HU507
N/A	1"	HU508

1/4" UNF Bolts & Set Screws

Hexagon Headed 7/16" A.F. Spanner Size

Bolt	Length	Set Screw
N/A	3/8"	SH604031
N/A	1/2"	SH604041
N/A	5/8"	SH604051
N/A	3/4"	SH604061
N/A	7/8"	SH604071
BH604081	1"	SH604081
BH604091	1 1/8"	SH604091
BH604101	1 1/4"	SH604101
BH604111	1 3/8"	SH604111
BH604121	1 1/2"	SH604121
BH604141	1 3/4"	SH604141
BH604161	2"	SH604161
BH604181	2 1/4"	N/A
BH604201	2 1/2"	N/A
BH604241	3"	N/A

5/16" UNF Bolts & Set Screws

Hexagon Headed 1/2" A.F. Spanner Size

Bolt	Length	Set Screw
N/A	3/8"	SH605031
N/A	1/2"	SH605041
N/A	5/8"	SH605051
N/A	3/4"	SH605061
N/A	7/8"	SH605071
N/A	1"	SH605081
BH605091	1 1/8"	SH605091
BH605101	1 1/4"	SH605101
BH605111	1 3/8"	SH605111
BH605121	1 1/2"	SH605121
BH605141	1 3/4"	SH605141
BH605151	1 7/8"	SH605151
BH605161	2"	SH605161
BH605181	2 1/4"	SH605181
BH605201	2 1/2"	SH605201
BH605221	2 3/4"	SH605221
BH605241	3"	SH605241

3/8" UNF Bolts & Set Screws

Hexagon Headed 9/16" A.F. Spanner Size

Bolt	Length	Set Screw
N/A	3/8"	SH606031

N/A	1/2"	SH606041
N/A	5/8"	SH606051
N/A	3/4"	SH606061
N/A	7/8"	SH606071
BH606081	1"	SH606081
BH606091	1 1/8"	SH606091
BH606101	1 1/4"	SH606101

3/8" UNF Bolts & Set Screws

Hexagon Headed 9/16" A.F. Spanner Size

Bolt	Length	Set Screw
BH606111	1 3/8"	SH606111
BH606121	1 1/2"	SH606121
BH606141	1 3/4"	SH606141
BH606161	2"	SH606161
BH606181	2 1/4"	SH606181
BH606201	2 1/2"	SH606201
BH606221	2 3/4"	N/A
BH606241	3"	N/A
BH606281	3 1/2"	N/A
BH606321	4"	N/A

7/16" UNF Bolts & Set Screws

Hexagon Headed 5/8" A.F. Spanner Size

Bolt	Length	Set Screw
N/A	5/8"	SH607051
N/A	3/4"	SH607061
N/A	7/8"	SH607071
N/A	1"	SH607081
N/A	1 1/8"	SH607091
N/A	1 1/4"	SH607101
N/A	1 3/8"	SH607111
BH607121	1 1/2"	SH607121
BH607141	1 3/4"	SH607141
BH607161	2"	SH607161
BH607181	2 1/4"	SH607181
BH607201	2 1/2"	N/A
BH607241	3"	BH607241

1/2" UNF Bolts & Set Screws

Hexagon Headed 3/4" A.F. Spanner Size

Bolt	Length	Set Screw
N/A	1/2"	SH608041
N/A	5/8"	SH608051
N/A	1"	SH608081
N/A	1 1/2"	SH608121
BH608141	1 3/4"	SH608141
BH608161	2"	N/A
BH608181	2 1/4"	N/A
BH608201	2 1/2"	SH608201
BH608241	3"	N/A

1/4" UNC Bolts & Set Screws

Hexagon Headed 7/16" A.F. Spanner Size

Bolt	Length	Set Screw
N/A	3/8"	SH504031
N/A	1/2"	SH504041
N/A	5/8"	SH504051
N/A	3/4"	SH504061
N/A	7/8"	SH504071
N/A	1"	SH504081
BH504091	1 1/8"	SH504091
N/A	1 1/4"	SH504101
BH504111	1 3/8"	SH504111
BH504121	1 1/2"	SH504121
N/A	1 3/4"	SH504141
BH504161	2"	N/A
BH504181	2 1/4"	SH504181
BH504201	2 1/2"	N/A

5/16" UNC Bolts & Set Screws

Hexagon Headed 1/2" A.F. Spanner Size

Bolt	Length	Set Screw
N/A	3/8"	SH505031
N/A	1/2"	SH505041
N/A	5/8"	SH505051
N/A	3/4"	SH505061
N/A	7/8"	SH505071
N/A	1"	SH505081
N/A	1 1/8"	SH505091

BH505101	1 1/4"	SH505101
BH505111	1 3/8"	SH505111
BH505121	1 1/2"	SH505121
BH505141	1 3/4"	SH505141
BH505161	2"	N/A
BH505181	2 1/4"	N/A
BH505201	2 1/2"	SH505201
BH505241	3"	N/A

3/8" UNC Bolts & Set Screws

Hexagon Headed 9/16" A.F. Spanner Size

Bolt	Length	Set Screw
N/A	1/2"	SH506041
N/A	3/4"	SH506061
N/A	7/8"	SH506071
BH506081	1"	SH506081
N/A	1 1/8"	SH506091
N/A	1 1/4"	SH506101
BH506111	1 3/8"	SH506111
BH506121	1 1/2"	SH506121
BH506141	1 3/4"	N/A
BH506161	2"	SH506161
BH506181	2 1/4"	N/A
BH506201	2 1/2"	N/A
BH506241	3"	SH506241

Self Tapping Screws

Pan Head	Size	Length	Countersunk Head
AB604021	No.4	1/4"	AC604021
AB606021	No.6	1/4"	N/A
AB606031	No.6	3/8"	N/A
AB606041	No.6	1/2"	AC606041
AB606061	No.6	3/4"	AC606061
AB606081	No.6	1"	AC606081
AB608041	No.8	1/2"	AC608041
AB608061	No.8	3/4"	AC608061
AB608081	No.8	1"	N/A
AB610041	No.10	1/2"	AC610041
AB610061	No.10	3/4"	AC610061
AB610081	No.10	1"	AC610081
AB612041	No.12	1/2"	AC612041
AB612061	No.12	3/4"	N/A
AB612081	No.12	1"	AC612081
AB614061	No.14	3/4"	N/A
AB614081	No.14	1"	AC614081

<b>B</b>	= Pan Head
<b>C</b>	= Countersunk Head
<b>1st digit</b>	= thread type (coarse or fine)
<b>2nd/3rd digit</b>	= diameter
<b>4th/5th</b>	= length in 1/8" increments
<b>6th</b>	= finish (1 = zinc plated)

Cross Slot Screws

Pan Head	Size	Length	Countersunk Head
PMZ204	No.6 UNC	1/4"	CMZ204
PMZ208	No.6 UNC	1/2"	N/A
PMZ304	No.10 UNF	1/4"	N/A
PMZ305	No.10 UNF	5/16"	CMZ305
PMZ306	No.10 UNF	3/8"	CMZ306
PMZ307	No.10 UNF	7/16"	CMZ307
PMZ308	No.10 UNF	1/2"	CMZ308
PMZ310	No.10 UNF	5/8"	CMZ310
PMZ312	No.10 UNF	3/4"	CMZ312
PMZ314	No.10 UNF	7/8"	N/A
PMZ316	No.10 UNF	1"	CMZ316
SE604041	1/4" UNF	1/2"	SF604041
SE604051	1/4" UNF	5/8"	SF604051
SE604061	1/4" UNF	3/4"	SF604061
N/A	1/4" UNF	7/8"	SF604071
SE604081	1/4" UNF	1"	SF604081
SE604121	1/4" UNF	1 1/2"	SF604121
SE605061	5/16" UNF	3/4"	SF605061
SE605081	5/16" UNF	1"	SF605081

Plain Nuts

Full Nut	Thread Size	Spanner Size	Half Nut
HN2003	No. 6 UNF	5/16"	N/A

HN2005	3/16" UNF	3/8"	N/A
GHF206	3/16" UNF	5/16"	N/A
HN2007	1/4" UNF	7/16"	JN2107
HN2008	5/16" UNF	1/2"	JN2108
HN2009	3/8" UNF	9/16"	JN2109
HN2010	7/16" UNF	5/8"	JN2110
HN2011	1/2" UNF	3/4"	JN2111
HN2012	9/16" UNF	7/8"	JN2112
N/A	5/8" UNF	15/16"	JN2113
HN2057	1/4" UNC	7/16"	JN2157
HN2058	5/16" UNC	1/2"	JN2158
HN2059	3/8" UNC	9/16"	JN2159

Nyloc Self Locking Nuts

Full Nut	Thread Size	Spanner Size	Half Nut
YN2905	3/16" UNF	5/16"	N/A
YN2907	1/4" UNF	7/16"	GHF271
YN2908	5/16" UNF	1/2"	TN3208
YN2909	3/8" UNF	9/16"	TN3209
YN2910	7/16" UNF	5/8"	TN3210
YN2911	1/2" UNF	3/4"	TN3211
YN2912	9/16" UNF	7/8"	TN3212
YN2913	5/8" UNF	15/16"	TN3213

‘Aero’ Or All Metal, ‘Phillidas’ Self Locking Nuts

Full Nut	Thread Size	Spanner Size	Half Nut
AN3507	1/4" UNF	7/16"	N/A
AN3508	5/16" UNF	1/2"	N/A
AN3509	3/8" UNF	9/16"	N/A
AN3510	7/16" UNF	5/8"	N/A
AN3511	1/2" UNF	3/4"	N/A

Slotted Nuts

Full Nut	Thread Size	Spanner Size	Half Nut
ND606041	3/8" UNF	9/16"	LN2209
ND607041	7/16" UNF	5/8"	NL607041
ND608041	1/2" UNF	3/4"	LN2211
ND609041	9/16" UNF	7/8"	LN2212
ND610041	5/8" UNF	15/16"	NL610041

Plain Brass - Manifold Nuts

Full Nut	Thread Size	Spanner Size
GHF261	5/16" UNF	1/2"
GHF262	3/8" UNF	9/16"
GHF270	5/16" UNC	1/2"
GHF269	3/8" UNC	9/16"

Spring/Spire Nut

Flat Type	Screw Size	‘U’ Type
GHF700	No. 6	GHF711
GHF701	No. 8	GHF712
GHF702	No. 10	GHF713
GHF703	No. 12	GHF714
GHF704	No. 14	N/A

Captive Nuts

Captive nuts consist of a square nut and cage which we supply individually as required. Always match nut and cage A.F. sizes.

Part Number	Description	Thread Size
NQ2707	Nut, 7/16" AF	1/4"
NQ2708	Nut, 5/8" AF	5/16"
CN4	Nut, fits CN3 cage	1/4"
CN5	Nut, /2" AF	5/16"

Part Number	Description	Spanner Size (AF)
CN2	Cage, square	7/16"
CN3	Cage, oblong	7/16"
600032	Cage, square	1/2"

Shake-Proof Washers

Internal Star	Hole Size	External Star
WF704061	No. 6	WE704061
WF702101	3/16"	WE702101
WF600041	1/4"	WE600041
WF600051	5/16"	WE600051
WF600061	3/8"	WE600061
WF600071	7/16"	WE600071
WF600081	1/2"	WE600081
WF600091	9/16"	WE600091
WF600101	5/8"	WE600101

Spring Type Locking Washers

Single Coil	Hole Size	Double Coil
WL700061	No. 6	N/A
WL700081	No. 8	N/A
WL700101	3/16"	AJD7721
GHF331	1/4"	AJD7722
GHF332	5/16"	AJD7731
GHF333	3/8"	AJD7742
GHF334	7/16"	N/A
GHF335	1/2"	N/A
GHF336	5/8"	N/A

Plain Washers

Standard Type	Hole Size	Repair Type
N/A	No. 6	WP3
N/A	No. 8	WP4
GHF306	3/16"	WP5
GHF300	1/4"	WP120
GHF301	5/16"	WP105
GHF302	3/8"	WP130
GHF303	7/16"	WM69
GHF304	1/2"	N/A
N/A	9/16"	WP12
N/A	5/8"	PWZ110

Sealing Washers

Fibre Washer	Hole Size	Copper Washer
WF505	3/16"	N/A
GHF342	1/4"	GHF361
GHF343	5/16"	GHF362
GHF344	3/8"	GHF363
GHF345	7/16"	GHF364
GHF346	1/2"	GHF365
GHF347	9/16"	N/A
GHF348	5/8"	N/A

Studs

A stud is a length of round bar threaded at both ends. The length of thread at each end of the stud may vary for specific applications.

Note: The following studs have fine (UNF) threads at one end and course (UNC) at the other.

Part Number	Diameter	Overall Length
TE504081	1/4"	1"
TE504131	1/4"	1 5/8"
53K2171	5/16"	1 1/8"
TE505111	5/16"	1 3/8"
TE505121	5/16"	1 1/2"
TE505131	5/16"	1 5/8"
TE505141	5/16"	1 3/4"
TE505151	5/16"	1 7/8"
TE505161	5/16"	2"
TE505181	5/16"	2 1/4"
TE505201	5/16"	2 1/2"
TE505221	5/16"	2 3/4"
TE505241	5/16"	3"
TE505261	5/16"	3 1/4"
TE505271	5/16"	3 3/8"
TE505281	5/16"	3 1/2"
TE505341	5/16"	4 1/4"
TE506101	3/8"	1 5/16"
TE506131	3/8"	1 5/8"
TE506141	3/8"	1 3/4"

TE506161	3/8"	2"
TE506201	3/8"	2 1/2"
TE506361	3/8"	3 1/2"

Note: The following list is of studs have fine (UNF) threads at both ends.

Part Number	Diameter	Overall Length
TE604081	1/4"	1"
TE604091	1/4"	1 1/8"
TE604101	1/4"	1 1/4"
TE605101	5/16"	1 1/4"
TE605111	5/16"	1 3/8"
TE605121	5/16"	1 1/2"
TE605131	5/16"	1 5/8"
TE605141	5/16"	1 3/4"
TE605151	5/16"	1 7/8"
TE605181	5/16"	2 1/4"
TE605201	5/16"	2 1/2"
TE605221	5/16"	2 3/4"
TE605251	5/16"	3 1/8"
TE605291	5/16"	3 5/8"
TE606101	3/8"	1 1/4"
TE606111	3/8"	1 3/8"
TE606121	3/8"	1 1/2"
TE606141	3/8"	1 3/4"
TE606151	3/8"	1 7/8"

Note: The following studs have course (UNC) threads at both ends.

Part Number	Diameter	Overall Length
101442	3/8"	1 5/8"
058688	3/8"	1 11/16"
115696	3/8"	1 13/16"
058917	3/8"	1 15/16"
102474	3/8"	2 1/16"
107055	3/8"	2 3/8"

Dowels

Part Number	Diameter	Overall Length
DP204	1/8"	1/4"
DP205	1/8"	5/16"
DP306	3/16"	3/8"
DP407	1/4"	7/16"
DP408	1/4"	1/2"
DP410	1/4"	5/8"
DP411	1/4"	11/16"
DP414	1/4"	7/8"
DP508	5/16"	1/2"
DP514	5/16"	7/8"
DP608	3/8"	1/2"
DP610	3/8"	5/8"
DP610	3/8"	1 3/16"

Clevis Pins  
(Measured from under head to end)

Part Number	Length	Diameter
108326	1/2"	1/8"
PJ8504	3/8"	3/16"
CLZ307	7/16"	3/16"
CLZ308	1/2"	3/16"
CLZ309	9/16"	3/16"
CLZ310	5/8"	3/16"
CLZ311	11/16"	3/16"
CLZ312	3/4"	3/16"
CLZ313	13/16"	3/16"
CLZ314	7/8"	3/16"
CLZ315	15/16"	3/16"
CLZ316	1"	3/16"
CLZ317	1 1/16"	3/16"
N/A	3/8"	1/4"
N/A	7/16"	1/4"
CLZ408	1/2"	1/4"
CLZ409	9/16"	1/4"
CLZ410	5/8"	1/4"
CLZ411	11/16"	1/4"
CLZ412	3/4"	1/4"
CLZ413	13/16"	1/4"
CLZ414	7/8"	1/4"

CLZ415	15/16"	1/4"
CLZ416	1"	1/4"
CLZ417	1 1/16"	1/4"
CLZ427	1 11/16"	1/4"
N/A	1/2"	5/16"
N/A	9/16"	5/16"
CLZ510	5/8"	5/16"
CLZ511	11/16"	5/16"
CLZ512	3/4"	5/16"
CLZ513	13/16"	5/16"
CLZ514	7/8"	5/16"
CLZ515	15/16"	5/16"
CLZ516	1"	5/16"
CLZ517	1 1/16"	5/16"
CLZ518	1 1/8"	5/16"

Split Pins

Part Number	Length	Diameter
GHF500	1 1/2"	1/16"
GHF501	1 1/2"	5/64"
GHF502	1 1/2"	3/32"
GHF503	2 1/4"	7/64"
GHF504	2 1/4"	1/8"
GHF505	2 1/4"	9/64"
GHF506	2 1/4"	5/32"

Brake & Fuel Pipe  
(Supplied in 25 foot rolls)

Part Number	Material	Diameter
GHF513	3"	5/16"
MPKF125	Cupro-nickel	3/16"
MPKF225	Cupro-nickel	1/4"
MPKF325	Cupro-nickel	5/16"
EF125	Steel	3/16"
EF225	Steel	1/4"
EF325	Steel	5/16"

Grease Nipples

Part Number	Thread Size	Angle
UHN400	1/8" BSP	straight, short
UHN445	1/8" BSP	450 angle
LN30041	1/8" BSP	900 angle
144825	1/8" BSP	straight, long
056935	1/4" BSP	straight
125361	1/4" BSP	450 angle
056934	1/4" BSP	900 angle

Pipe Nuts - Male, Steel

Part Number	Thread Size	Pipe Bore
TM606031	3/8" UNF	3/16"
TM110051	10mm x 1mm	3/16"
LK21994	3/8" BSF	3/16"
BCA4370	7/16" UNF	1/4"
BHA4706	7/16" UNF	3/16"
AUSU40A	1/2" UNF	5/16"

Pipe Nuts - Male, Brass

Part Number	Thread Size	Pipe Bore
AEHU1	3/8" UNF	3/16"
AEHU2	10mm x 1mm	3/16"
AEHU3	3/8" BSF	3/16"
AEHU7	7/16" UNF	3/16"

Pipe Nuts - Female, Steel

Part Number	Thread Size	Pipe Bore
AEHU1A	3/8" UNF	3/16"
SU2A	10mm x 1mm	3/16"
SU4A	7/16" UNF	1/4"
HU41A	1/2" UNF	5/16"

Pipe Nuts - Female, Brass

Part Number	Thread Size	Pipe Bore
AEHU1A	3/8" UNF	3/16"
AEHU2A	10mm x 1mm	3/16"
AEHU4A	7/16" UNF	1/4"

Bleed Screws

Part Number	Thread Size
556508A	3/8" UNF
608400A	10mm metric
27H7166	3/8" BSF

Pipe Clips

Part Number	Capacity
GHF1191	SINGLE, 3/16"
GHF1192	SINGLE, 1/4"
624155	DOUBLE, 3/16"

Petrol Pipe Clips (Metric)  
(‘Enots’ Type)

Part Number	To Suit Diameter
GGT1108X	8mm
GGT1109X	9mm
GGT1110X	10mm
GGT1111X	11mm
GGT1112X	12mm
GGT1113X	13mm
GGT1114X	14mm
GGT1115X	15mm
GGT1116X	16mm
GGT1117X	17mm

Hose Clips (‘Jubilee’ Type)  
Mild Steel (Imperial)

Part Number	To Suit Diameter
GHC304	3/8" - 1/2"
GHC405	7/16" - 5/8"
GHC11020	1/2" - 3/4"
GHC11022	5/8" - 7/8"
GHC11025	3/4" - 1"
GHC11030	5/8" - 1 1/8"
GHC811	1" - 1 3/8"
GHC11035	1 1/8" - 1 5/8"
GHC1015	1 3/8" - 2"
GHC1217	1 1/2" - 2 1/4"
GHC1622	2" - 2 3/4"
GHC2228	2 3/4" - 3 1/2"
GHC2632	3 1/4" - 4"
GHC3036	3 3/4" - 4 1/2"
GHC3340	4 1/8" - 5"

Hose Clips (‘Jubilee’ Type)  
Stainless Steel (Metric)

Part Number	To Suit Diameter
GHC10408	8 - 12 mm
GHC10410	12 - 18 mm
GHC10411	8 - 16 mm
GHC10412	12 - 20 mm
GHC10413	16 - 25 mm
GHC11030	20 - 32 mm
GHC11035	25 - 40 mm
GHC10416	32 - 50 mm
GHC10417	46 - 60 mm
GHC10418	50 - 70 mm
GHC10419	60 - 80 mm
GHC10420	70 - 90 mm
GHC10421	80 - 100 mm

Hose Clips (‘Supergrip’ Type)  
(With Single Slotted Hexagon Head)

Part Number	To Suit Diameters
CS4009	7/16" - 9/16"
CS4011	1/2" - 11/16"
CS4012	9/16" - 3/4"
CS4013	5/8" - 13/16"
CS4014	11/16" - 7/8"
CS4016	3/4" - 1"
CS4017	13/16" - 1 1/16"
CS4018	7/8" - 1 1/8"
CS4020	1" - 1 1/4"
CS4022	1 1/8" - 1 3/8"
CS4023	1 1/4" - 1 7/16"
CS4024	1 5/16" - 1 1/2"
CS4025	1 3/8" - 1 9/16"
CS4026	1 7/16" - 1 5/8"

CS4028	1 9/16" -1 3/4"
CS4029	1 5/8" - 1 13/16"
CS4030	1 11/16" - 1 7/8"
CS4032	1 7/8" - 2"
CS4034	1 15/16" - 2 1/8"
CS4036	2 1/16" - 2 1/4"
CS4037	2 1/8" - 2 5/16"
CS4038	2 3/16" - 2 7/16"
CS4039	2 1/4" - 2 7/16"
CS4040	2 5/16" - 2 1/2"
CS4041	2 3/8" - 2 9/16"
CS4042	2 7/16" - 2 5/8"
CS4048	2 13/16" - 3"
CS4052	3 1/16" - 3 1/4"

Note: Original "Supergrip" clips were supplied with a single slotted round-head screw. The modern replacement comes with a hexagon headed screw. For the authentic look we have resourced the original type screw, (sold separately).

CS4099 (Round-Head Screw).

'P' Clips - Imperial

Part Number	Cable Diameter	Hole Size
PCR207	1/8"	7/32"
PCR307	3/16"	7/32"
PCR309	3/16"	9/32"
PCR311	3/16"	11/32"
PCR407	1/4"	7/32"
PCR409	1/4"	9/32"
PCR411	1/4"	11/32"
PCR507	5/16"	7/32"
PCR509	5/16"	9/32"
PCR511	5/16"	11/32"
PCR607	3/8"	7/32"
PCR609	3/8"	9/32"
PCR611	3/8"	11/32"
PCR707	7/16"	7/32"
PCR709	7/16"	9/32"
PCR711	7/16"	11/32"
PCR807	1/2"	7/32"
PCR809	1/2"	9/32"
PCR811	1/2"	11/32"
PCR813	1/2"	13/32"
PCR1007	5/8"	7/32"
PCR1009	5/8"	9/32"
PCR1011	5/8"	11/32"
PCR1207	3/4"	7/32"
PCR1209	3/4"	9/32"
PCR1211	3/4"	11/32"
PCR1407	7/8"	7/32"
PCR1409	7/8"	9/32"
PCR1411	7/8"	11/32"
PCR1607	1"	7/32"

'P' Clips - Metric

Part Number	Cable Diameter	Fixing Hole Size
CP105081	8mm	5mm
PCR611	10mm	8mm
CP108121	12mm	8mm
CP106161	16mm	6mm
CP108165	16mm	8mm

Steel Balls

Part Number	Diameter
BLS106	3/16"
BLS108	1/4"
BLS110	5/16"
BLS112	3/8"
BLS28	7/16"

Pop Rivets - Open End Type

Part Number	Diameter
RA607096	2.9 x 5mm
RA608126	1/8" x 3/16"
RA608176	1/8" x 1/4"
RA608236	1/8" x 5/16"
RA608253	1/8" x 3/8"

Pop Rivets - Closed End Type

Part Number	Diameter
RU608123	1/8" x 3/8"
RU608313	1/8" x 1/2"
RU612123	3/16" x 5/16"

Cable Ties

Part Number	Length
GHF1265	3 1/2"
GHF1266	5 1/4"
RTC222A	6"
GHF1267	8 3/4"
GHF1268	11"



## Paint colours

Due to the longevity of the Mini production, which combines 41 years of paints and colour codes, there are far too many to be shown here. Therefore we suggest that you contact your nearest Moss branch and discuss your requirements.

The colours that we supply are carefully blended to be an exact match to the original paint as used by the factory, but it is worth observing that your car may well have faded from its original colour over the years. For this reason before you start, we recommend that you do a test spray of any aerosol on a piece of old metal or a carefully selected area of the car where a mismatch will not be noticed. The boot or spare wheel area is often a convenient place to do your testing.

We can supply paint in either aerosol or brush-on format. The aerosols come in 400ml cans and the brush-on paints are available in 125ml cans with a brush in the cap (except for engine and chassis paints, which are supplied in 500ml tins).

## Trim colours

There are many trim colours for the Mini over the 41 years of production. However Moss only stock, red, black and grey. We can supply these colours throughout the whole range of trim including: boot trim, headlining and sunvisors, interior trim panel kits, dash liner kits, carpet sets, footwell cover mats, seat cover kits, gear lever gaiters. For more information please contact your nearest Moss branch.



Red trim

Black trim

Grey trim

Please note: Colours may vary slightly to samples shown here, due to the limitations of the colour printing press, and should be used as a guide only.







## CSI-Ignition Distributors

- Original style Lucas housings
- Low maintenance
- 16 switchable curves
- Optional immobiliser
- More power
- Smoother running
- Better economy

**The new range**, of CSI-Ignition distributors are a breakthrough for classic car ignition systems.

Offering a fully electronic ignition system built into the correct type of Lucas distributor housing to suit your car, keeping the original appearance in the engine bay. You can only tell the difference when you remove the distributor cap! See page A19 or visit [moss-europe.co.uk](http://moss-europe.co.uk) for full details.

## MOSS REBUILD PROGRAMMES

Save 10% on your orders for up to 24 months...

**We offer two Rebuild Programmes:**

**The Gold Rebuild Programme\*** gives you 10% off your orders for 12 months after an initial spend of £800 (+VAT).

**The Platinum Rebuild Programme\*** gives you 10% off your orders for 24 months after the initial purchase of a bodysell (from Moss or another supplier). For both Rebuild Programmes you will be assigned your personal sales advisor and your personal Rebuild card and welcome letter will be sent to you. \*Conditions apply, please visit [moss-europe.co.uk](http://moss-europe.co.uk) for full details.



Gold Rebuild Programme



Platinum Rebuild Programme



## Classic Mini T-shirt

**Unique to Moss**, these stylish navy blue T-shirts with contrasting white rib collar and cuff rib feature the Classic Mini.

The shirt features the model image, marque badge and Union flag on the front. Whilst on the back there is a white roundel and racing number.



These T-shirts are made from 100% cotton Belcoro® yarn for a softer feel, whilst the images are silk screen printed in white for a high quality finish. Available in sizes: S (35/37"), M (38/40"), L (41/43") & XL (44/46"). Only £12.95 each. Visit [moss-europe.co.uk](http://moss-europe.co.uk) for full details.



Zuma Chrome

## RetroSound Radios

The RetroSound range of radio & MP3 players maintains the original 'twin knob' (DIN-D) style mounting required for many classic cars. Music can be played from external sources such as iPods & USB flash drives, all connected out of sight.

- Rear mounted USB & SD card
- Front mounted mini-jack input
- RDS FM tuner with 30 presets
- Daylight compatible LCD display
- Shows MP3/WMA track names
- RF remote control
- 2 year manufacturer's warranty

**The new Zuma range**, this new Zuma radio offers a stylish redesign to RetroSound's range of radios. The redesign features retro-styled buttons, a wider high resolution LCD screen & fascia design giving a more classic look to the unit. It also features rear mini-jack and USB input for MP3/WMA playback.

See page A49 or visit [moss-europe.co.uk](http://moss-europe.co.uk) for full details.

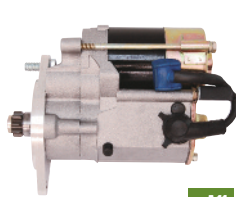
## Moss favourites

← In this catalogue we have highlighted our favourite products, we hope you like them too!



### Alloy Rocker Cover & Fittings

- Muffle valve train noise
- Improve engine bay look
- Inc: fitting kit (WPA9007X)



### High Torque Starter Motor

- Increased torque
- Weighs just 3.9kg
- Ideal for tuned engines



### John Cooper Steering Wheel

- High quality finish
- John Cooper's signature
- Boss & badge included



### RetroMod 8" Subwoofer

- Compact design
- Powerful bass
- Class D amplifier

## The ideal classic gift... vouchers



Moss Europe gift vouchers\* make the ideal gift for any classic car enthusiast. These stylish credit card sized gift vouchers are available in £10, £25 and £50 denominations. Why not use them as an addition to a gift? Vouchers are supplied in a gift card and envelope. Simply call or order the vouchers on our website. \*Conditions apply, please visit [moss-europe.co.uk](http://moss-europe.co.uk) for full details.

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