

JOHN KIPPING

TRIUMPH SPARES

PARTS CATALOGUE

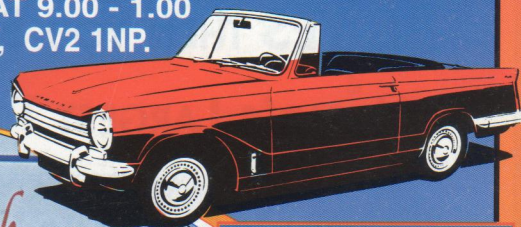
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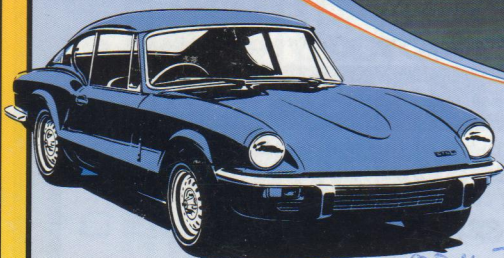
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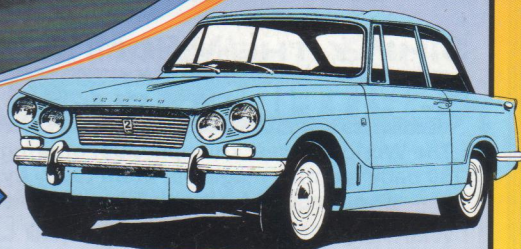
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GT6



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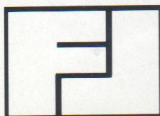
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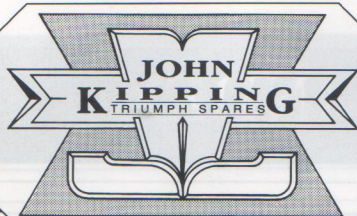
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CATALOGUE CONTENTS

CATALOGUE

PAGE NUMBER.

Contents Index	2
General Info	5
How to Order	5
Warranty & Exchange Units	5
Delivery of Goods	5

ENGINE

Water Pump & Fan	6
Inlet Manifold	12
Carbs & Air Filter	13
Accelerator Controls	14
Fuel System	17
Radiator	18

CLUTCH

GEARBOX

FRONT SUSPENSION

DIFFERENTIAL

REAR SUSPENSION

PROPSHAFT

STEERING

BRAKES

EXHAUST

ELECTRICAL

BODY & FITTINGS - HERALD/ VITESSE (Inc Heater)

BODY & FITTINGS - SPITFIRE/ GT6 (Inc Heater)

FASTENERS

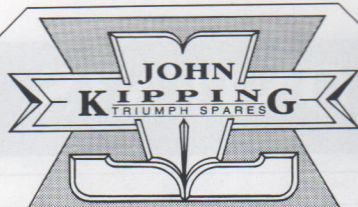
MIRRORS & GROMMETS

LABOUR RATES

IDENTIFICATIONS CHARTS

PRODUCTIONS FIGURES

2
5
5
5
5
6
12
13
14
17
18
20
22
24
30
32
34
37
39
40
45
46
57
68
89
90
91
92
93



CONTENTS INDEX

A

ACCELERATOR	17
AIR DEFLECTOR BOARDS	13
AIR FILTERS.....	14, 15, 16
AIR FILTER, DETAILS	15
AIR HOSES.....	15
ALTERNATORS.....	47
ANTI FREEZE	
ANTI ROLL BAR	31
ARM RESTS	87

B

BADGES	60, 63, 73, 75, 81, 82, 84, 85
BALL JOINT FRONT.....	30
BATTERY COMPONENTS & FITTINGS.....	47
BEARING SET, CAMSHAFT	
BEARING SET, CON ROD	10
BEARING SET, MAIN	11
BLEED SCREWS.....	41, 42
BODY MOUNTING KIT.....	57
BODY PANELS, FIBREGLASS.....	59, 61, 75
BONNET ASSEMBLY & FITTINGS	60, 75, 77
BOOT FLOOR PANEL	69
BOOT LID ASSEMBLY	71
BOOT LOCK & CATCH	63, 82
BOOT RACKS	
BRAKE ADJUSTERS.....	42
BRAKE CALIPER	41
BRAKE CALIPER PISTON	41
BRAKE DISC.....	41
BRAKE DRUM	42
BRAKE FLUIDS	23, 40
BRAKE HOSES	43
BRAKE LIGHT SWITCH	56
BRAKE CYLINDER, MASTER	40
BRAKE PADS	41
BRAKE PIPE SETS	43
BRAKE SHOES	42
BRAKE WHEEL CYLINDERS.....	42
BULBS	54, 55, 56
BULBS, INSTRUMENT	56
BUMPER, FRONT.....	65, 83, 85
BUMPER, REAR	65, 83, 85

C

CABLE, ACCELERATOR	17
CABLE, AIR CONTROL	63, 88
CABLE, BATTERY	47
CABLE, CHOKE	50
CABLE, HANDBRAKE.....	44
CABLE, HEATER	63, 88
CABLE, SOLENOID TO STARTER.....	47
CABLES, REV COUNTER	50
CABLES, SPEEDOMETER	50
CAMSHAFT.....	10
CARBURETTOR, SOLEX	14
CARBURETTOR, STROMBERG	14, 15
CARBURETTOR, SU	15, 16
CARBURETTOR HEATSHIELD	15, 16
CARPETS & CARPET FITTINGS	66, 87
CHASSIS & CHASSIS FITTINGS	57
CHECK STRAP (DOOR).....	62, 77
CLUTCH ARM.....	22, 23

CLUTCH COVER	22, 23
CLUTCH CYLINDER, MASTER	22, 23
CLUTCH CYLINDER, SLAVE.....	22, 23
CLUTCH KIT	22, 23
CLUTCH PLATE	22, 23
CLUTCH RELEASE BEARING.....	22, 23
COCKPIT BOARD	87
COLLETS, VALVE.....	9
COLOUR CODES.....	92
COMMISSION NUMBERS	92
CON ROD.....	10
CONDENSERS	47
CONTACT BREAKER SETS.....	47
CONVERSION SETS.....	7
COOLING FANS	12
CORE PLUGS	7
CRANKSHAFT	10
CROWN WHEEL & PINION ASSEMBLY	33
CYLINDER HEAD STUD	9

D

DASHBOARD & FITTINGS	50
DECOKE SETS	7
DELIVERY.....	5
DIFFERENTIAL	33
DIFFERENTIAL COMPONENTS	33
DYNAMO	47
DIPSTICK.....	9
DISTRIBUTOR.....	46
DISTRIBUTOR CAP.....	46, 47
DOORS	62, 77
DOOR CHECK STRAP	62, 77
DOOR FITTINGS	62, 77
DOOR GLASS.....	62, 77
DOOR HANDLES	62, 77
DOOR LOCK	62, 77
DOOR SEAL.....	62, 66, 77, 87
DOOR SHELL ASSEMBLIES	77
DOOR SKIN	62, 77
DOOR TRIM PANEL.....	66, 87
DRAIN PLUG.....	9
DRAIN TAP.....	9
DINITROL	61, 71

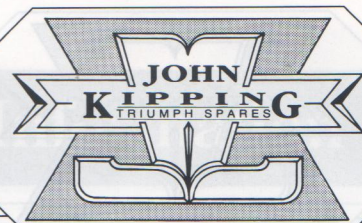
E

ENGINE BREATHER HOSES.....	13, 15, 16
ENGINE MOUNTINGS.....	7
ENGINE PLATES	9
ENGINE SIDE VALANCE	73, 75
ENGINE, EXTERNAL COMPONENTS	79
ENGINE, INTERNAL COMPONENTS.....	10, 11
ENGINES, RECONDITIONED	7
EXHAUST FITTINGS	45
EXHAUST MANIFOLD	45
EXHAUST SYSTEMS	45

F

FAN	12
FAN BELT.....	12
FASCIA TOP PANEL	87
FLASHER RELAYS	48
FLOOR MAT BOOT	66, 81, 82
FLYWHEEL	11

CONTENTS INDEX



FRONT SUSPENSION	30, 31
FUEL SYSTEM	18
FUSE BOX	47
FUSES, GENERAL	47

G

GAITER, GEAR LEVER	24
GAITER, HANDBRAKE	59
GASKET KITS, CARB	14, 15, 16
GASKET SETS, ENGINE	9
GEAR CHANGE	24
GEARBOX ELECTRICS	29, 56
GEARBOX MOUNTINGS	29
GEARBOX RECONDITIONED	25
GLASS, DOORS	62, 77
GROMMETS	90

H

H T LEAD SETS	47
HANDBRAKE COMPONENTS	44
HANDBRAKE LEVER ASSEMBLY	44
HANDLING KITS	34
HARDTOP & FITTINGS	80
HAZARD WARNING RELAY	48
HAZARD WARNING SWITCH	50
HEAD RESTRAINTS	87
HEADLAMPS	53
HEADLAMPS, HALOGEN	53
HEADLINING	66, 80, 87
HEATER ASSEMBLIES & COMPONENTS	63, 88
HEATER CONTROLS	50, 63,
HEATER HOSES	63, 88
HEATER SWITCH	50
HEATER VALVE, WATER CONTROL	63, 88
HEATSHIELD, CARBURETTOR	15, 16
HINGE, BOOT LID	63, 81, 82
HINGE, DOOR	62, 77
HOOD COVER & FITTINGS	64
HOOD & FITTINGS	64, 79
HOOD FRAME & FITTINGS	64, 69
HORNS	48
HORN PUSH	48
HOSES, BRAKES	43
HOSES, ENGINE BREATHING	13, 15, 16
HOSES, WATER COOLING	13, 20, 21
HUB ASSEMBLY, FRONT	30, 35
HUB BEARING & SEAL KIT, FRONT	30
HUB CAPS	31
HYDRAULIC PIPE, CLUTCH	23

I

IGNITION COIL	47
IGNITION SWITCH	50
INTERIOR TRIM	66, 67, 87
INLET MANIFOLD	13

L

LIFTING EYES	9
LIGHT, INDICATOR & SIDE, FRONT	53
LIGHT PANEL MOULDINGS, REAR	85
LIGHT, REAR	54, 55
LIGHT, REAR NUMBER PLATE	54, 55, 56
LIGHT SWITCH, DIP/FLASH	48

LIGHT SWITCH, MASTER	50
----------------------------	-----------

M

MANIFOLD FITTINGS	13
MANIFOLD GASKET	13
MANIFOLD, EXHAUST	45
MANIFOLD, FREE FLOW	45
MANIFOLD, INLET	13
MASTER CYLINDER, CLUTCH	23
MASTER CYLINDER, BRAKES	40
MIRROR, INTERNAL	59, 78
MIRRORS, EXTERNAL	90
MOUNTINGS, ENGINE	7
MOUNTINGS, GEARBOX	29

N

NUMBER PLATE LAMPS, REAR	54, 55, 56
--------------------------------	-------------------

O

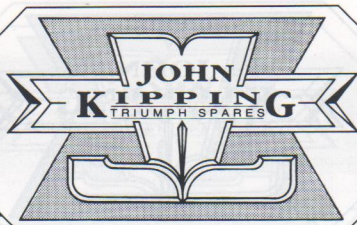
OIL	7, 24, 33
OIL FILLER CAP	9
OIL FILTERS	11
OIL PRESSURE RELIEF VALVE	9
OIL PRESSURE SWITCH	9
OIL PUMP	11
OUTRIGGER, CHASSIS	57
OVERDRIVE, 'D' TYPE	27
OVERDRIVE, 'J' TYPE	28
OVERDRIVE RELAY	29
OVERFLOW BOTTLE	20, 21
OVERRIDERS	65, 83

P

PARCEL TRAY	87
PEDAL RUBBER	23, 40
PETROL FILLER CAPS	18
PETROL PIPES & KITS	18
PETROL PUMP	18
PETROL SENDING UNIT	18
PETROL TANK	18
PETROL TANK COVER BOARD	87
PISTONS	10
PISTON RINGS	10
PLUGS	47
POINTS SETS	47
PROPSHAFT ASSEMBLIES	38
PULLEY, CRANKSHAFT	11
PUSH ROD	9

R

RADIATOR ASSEMBLY	20, 21
RADIATOR DEFLECTOR BOARD	20, 21
RADIATOR FITTINGS	20, 21
RADIATOR CAP	20
RADIO BLANKING PLATE	35, 36
RADIUS ARM, REAR	34, 35, 36
REAR SUSPENSION	50
REV COUNTER	11
RING GEAR	31
ROAD WHEELS	9
ROCKER COVER, ALLOY	9
ROCKER COVER, GASKET	9
ROCKER COVER, STUD	9



CONTENTS INDEX

ROCKER GEAR	9
ROCKER PEDESTAL	9
ROCKER SHAFT	9
ROTOR ARM	47

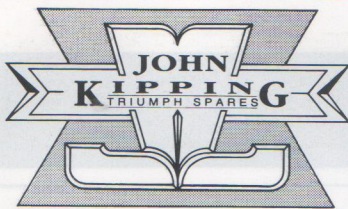
S	
SCREEN WASH	52
SEAT BELT, INERTIA	67, 87
SEAT BELT, STATIC	67, 87
SEAT COVERS	67, 87
SEAT FOAMS	67, 87
SHOCK ABSORBER, FRONT	31
SHOCK ABSORBER, REAR	35, 36
SILENCER ASSEMBLY	45
SLAVE CYLINDER	22, 23
SOLENOID, STARTER	47
SPARE WHEEL BOARD	67, 81, 82
SPARE WHEEL COVER	81, 82
SPARK PLUGS	47
SPEEDOMETERS	
SPIGOT BUSH	11
SPRING, ROAD, FRONT	31
SPRING, ROAD, REAR	34, 36
STARTER MOTOR	47
STARTER SOLENOID	47
STEERING ARM	30
STEERING COLUMN, UPPER	39
STEERING COLUMN COUPLING (UJ)	39
STEERING GAITERS	39
STEERING LOCK & IGNITION SWITCH	50
STEERING RACK	39
STEERING RACK MOUNTING KIT	39
STUB AXLE	30
STUD, CYLINDER HEAD	9
SUMP PLUG	9
SUN VISORS	78
SUSPENSION, FRONT	30, 31
SUSPENSION, REAR	34, 35, 36
SWITCH, BOOT LAMP	56
SWITCH, COURTESY LIGHT	56
SWITCH, INDICATOR	48
SWITCH, HAZARD WARNING	
SWITCH, HEADLIGHT	48, 50
SWITCH, OVERDRIVE	24, 48
SWITCH, PUMP & WIPER	48, 52
SWITCH, REVERSE LAMP	56
SWITCH, WASH & WIPE	50
SWITCH, WIPER	50

T	
TAPPET	9
TEMPERATURE TRANSMITTER	12
THERMOSTAT	12
THERMOSTAT GASKET	12
TIMING COVER	10
TIMING GEAR	10, 11
TONNEAU FITTINGS	79, 64
TRACK ROD END ASSEMBLY	39
TRIM COLOUR CODES	92
TRIM RINGS	31
TRUNNION FRONT	31
TRUNNION REAR	35, 36

U	
U J's (UNIVERSAL JOINTS)	35, 36, 38
UNDERRIDER, FRONT	85

V	
VACUUM TUBE	47
VACUUM UNIT, DISTRIBUTOR	46
VALVE CAP	9
VALVE COLLET	9
VALVE GUIDE	9
VALVE SEAT, EXHAUST	9
VALVE SPRING	9
VALVE, EXHAUST	9
VALVE, INLET	9
VERTICAL LINK FRONT	30
VERTICAL LINK REAR	35, 36
VISCOUS COUPLING	12
VOLTAGE STABILISER	50

W	
WASHER BOTTLE ASSEMBLIES	52
WASHER COMPONENTS	52
WASHER ELECTRIC PUMP	50
WASHER MANUAL PUMP	50
WASHER JET ASSEMBLY	52
WASHER SYSTEM	52
WASHER TUBING	52
WATER PUMP	12
WATER RETURN PIPES	13
WATER TEMPERATURE SENDER UNIT	12
WAXOYL - SEE DINITROL	
WEATHERSTRIPS	
WHEEL BADGE	31
WHEEL BEARING	30, 35, 36
WHEEL CYLINDERS	42
WHEEL NUT	31
WHEEL TRIM RINGS	31
WHEEL, STUD	30, 35, 36
WHEELBOX ASSEMBLY	52
WINDOW WINDER MECHANISM	62, 77
WINDOWS, DOOR	62, 77
WINDSCREEN	59, 78
WINDSCREEN CAPPING	78
WINDSCREEN FITTINGS	59, 78
WINDSCREEN SEALS	59, 78
WINDSCREEN WASH	52
WIPER ARMS	52
WIPER BLADES	52
WIPER MOTOR	52
WIPER MOTOR COMPONENTS	52
WIPER RACK ASSEMBLY	52
WIRING LOOMS	50
WISHBONE ARM, UPPER	30
WISHBONE ASSEMBLY, LOWER	30, 31



General Information

This Catalogue is the final development from a small 10 page leaflet first produced in 1982. During that time the range and quality of parts available for the Herald/ Vitesse & Spitfire/ GT6 range of cars has increased dramatically and certain changes have been forced upon us to cater for this.

The first obvious change is the size of premises - from two rooms in a terrace house to a shop premise of 3,000 sq feet backed by workshop and warehousing facilities of close on 20,000 sq feet. The number of staff involved has mushroomed from one lonely 'worker' to 6 at the shop and 5.5 at the warehouses.

Whereas in the beginning we used our own part number made up of a letter prefix (to identify the section the part related to) followed by a number, the sheer quantity of stocked items has now made this impractical and we have reverted to the OE Triumph number. The number of people now in possession of an original parts book/ workshop manual has made this move even more logical.

Some things have however stayed the same - the majority of the workforce have still either owned or are current owners of Triumphs (ranging from TRs to Dolomites to our own range) and we still use Modified Courier Van/ Herald estates for much of the delivery/ collection of goods, although the standard of these vehicles is now much higher than in 'the old days'.

John Kipping is still a member of the Triumph Sports Six Club, and his main car is still a Triumph Herald.

We hope you find this edition of our catalogue to be a valuable extension of our range and remember that if you've got a problem with your Herald, Vitesse, Spitfire or GT6 we've probably had the same trouble somewhere along the way and hopefully we've sorted it out.

This Catalogue covers the following models:-

HERALD	948, 1200, 12/50, 13/60, Saloon, Coupe, Convertible and Estate.
VITESSE	1600, 2 litre Mk I, 2 litre Mk II, Saloon and Convertible.
SPITFIRE	4 Mk I, 4 Mk II, Mk III, Mk IV, 1500.
GT6	Mk I, Mk II, MkIII.

Parts are listed under the original Part No wherever possible. Where a panel is a repair section, we have used our own part number (from previous catalogue).

Because of the range of models covered by the catalogue we have not been able to illustrate every variation - we have put a picture in as a guide and listed the variations in the text.

HOW TO ORDER PARTS USING THIS CATALOGUE.

We accept orders in a number of ways:-

- (1) By telephone:- Using Access or visa credit cards
- (2) By post:- When sending an order through the post please remember to include the following information on the order form:-
 - (a) All relevant details about your car e.g. Herald 1200 1962, Engine no, right/ left side, front/ rear etc.
 - (b) All your details - your name and address and where to deliver to if different. If possible a contact telephone number.
 - (c) If possible use original part numbers.
 - (d) Cheques should be made payable to John Kipping Triumph Spares (and signed please).
 - (e) If quoting a credit card number the expiry date of the card is vital.
- (3) By Fax:- Please print the cardholders name and address clearly, and where possible give a fax/ phone number where we can call in case of difficulties.
- (4) By e-mail:- You can now send us your order on e-mail, our address is: john@johnkippling.demon.co.uk or why not check out our website on <http://www.kipping.co.uk> . A full price list is also now available on computer disk, please ring for details.
- (5) Collection from the shop:- We are always pleased to see visitors to the shop, but in order to avoid disappointment it is always best to telephone before setting out to check that the required item(s) are in stock.

Shop Opening Hours:-

Monday to Friday	9.30 to 17.30
Saturday	9.00 to 13.00

**Please note all prices in this catalogue include VAT at 17.5%
Orders sent out of the EC please deduct 15%**

Prices Correct at time of going to print but subject to alteration without prior notice.

Warranty and Exchange Units.

All items are guaranteed for 12 months from the date of purchase. Should an item fail within the period through defective workmanship, or materials, it will be at our discretion to repair or replace the item. This guarantee expressly excludes any consequential loss or loss of profit, labour charges incurred, or damage caused by misuse, neglect, incorrect fitting, accident and abnormal wear and tear.

A system of exchange surcharges operates to allow the continued use of the vehicle while replacing mechanical units. Should an exchange unit not be fit for reconditioning you may not receive the full deposit surcharge back. The main problems encountered are holes in the rear casting of differentials, holes in the block of the engine, or the wrong specification item in exchange e.g. Herald Dynamo instead of Vitesse, Vit 1600 gearbox/ differential instead of Vit 2L etc. In such cases a proportion of the surcharge is retained, but failure to return any unit at all means you will not get the refund, it may also mean that any guarantee is invalidated.

DELIVERY OF GOODS

Because delivery charges vary so much depending on size, weight and final destination it is not possible to give a definitive price guide however, the following scale of charges gives a guide to the prices for delivery on mainland GB (except IV post codes).

For overseas orders please contact us for quotation.

By Weight

First Class Packets (up to 750 grams)

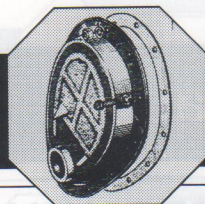
PARCEL UP TO		STD	2.50	
			GUARANTEED OVERNIGHT SMALL	LARGE
1kg		3.00	9.00	11.00
3kg		4.75	9.00	11.00
5kg		6.00	9.00	11.00
10kg		7.50	9.00	12.50
20kg		9.50		

CERTAIN ITEMS REQUIRE SPECIAL PACKAGING EG:-

Gearbox, Overdrive Unit or 4 Cylinder Head	11.00	15.00
Differential or 6 Cylinder Head	12.50	16.50
Overdrive Conversion	16.00	19.50
Herald Sills	8.50	12.00
Consignments including Large Metal Panels eg Wings, Floors etc.	11.00	16.50

**RADIATORS AND DOOR GLASSES can only be sent as an
OVERNIGHT delivery at the reciever's own risk.**

For Cylinder Engine	35.00	N/A
Six Cylinder Engine	40.00	N/A



ENGINES

FOUR CYLINDER ENGINES INTERCHANGEABILITY

In theory, all four cylinder engines are interchangeable - but some are much easier than others.

HERALD 948

To install a 1200 engine, use 948 front engine plate with the early mountings and enlarge the camshaft hole if necessary. 1200 engines have a different flywheel which must be retained - if it has a coil spring clutch attached then no further modifications are needed. But if the engine has a diaphragm clutch attached, it can only be used in conjunction with 948s with detachable bell housing and the clutch will have to be converted to diaphragm type (see below for details). With the 1200 manifold the 948SC exhaust system fits, or with the 12/50 manifold, a 948TC system.

Installing 1300/1500 engine. This is not to be recommended due to the many chassis, drivetrain and exhaust problems - the 948 front plate must be retained, the cam and camshaft hole may both need enlarging.

HERALD 1200 & 12/50, SPITFIRE I, II.

Installing a 1300 engine - any rear wheel drive unit can be used (this includes Toledo, Dolomite etc), but the Herald/Spitfire sump must be fitted and a diaphragm clutch used (see below for details). The inlet and exhaust manifolds from the 1300 engine must be retained and the relevant 1300 downpipe and exhaust fitted, ie, for the Herald a 13/60 system, for the Spitfire, a MkIII.

HERALD & SPITFIRE

To install a 1500 engine - any rear wheel drive unit can be used but the Herald/Spitfire sump must be used. Ensure that No. 1 big end bolt does not foul - gauze may have to be removed and the sump modified with a hammer. The 1500 flywheel is drilled differently from the 1300 and it is recommended that the 1500 flywheel and clutch cover are retained - if the three rail gearbox (with reverse up by first) is to be used then a 'converter' clutch drive plate is available (GCP103). If a Dolomite 1500 flywheel has to be used it will be necessary to fit the pre-engaged starter, unless a Herald/Spitfire ring gear is fitted.

Any 1300/1500 inlet manifold and carb(s) can be used, but the 1500 twin downpipe is very prone to blowing gaskets and should be avoided if possible. The single downpipe will allow the 13/60 exhaust system to be used on Heralds, the Spitfire III system on early

(pre-71) Spitfires and the MkIV system on late Spitfires. Alternatively, a four branch manifold is available.

COIL SPRING TO DIAPHRAGM CLUTCH CONVERSION

This conversion is not suitable for 948s with integral bellhousings, ie where the gearbox casing and clutch bellhousing are all one casting, usually in cars pre 1960.

Parts required: Flywheel, clutch, release arm assembly and slave cylinder.

(1) Flywheels with three dowels can be obtained from any Herald/Spitfire with a diaphragm clutch fitted or Toledo. The 1300 Dolomite flywheel has bigger bolt holes but can be used with 4 x 60070 bush to sleeve them down.

(2) The clutch can either be purchased new or taken from any 13/60 Herald, Spitfire II, III, IV, Toledo or 1200 Herald with the diaphragm clutch fitted.

(3) The release arm assembly can be obtained from the same car as the clutch and in addition the Spitfire 1500, Dolomite 1300 and 1500.

(4) Slave cylinder can be purchased new or taken from the same models as for the (3), but if Dolomite parts are used a special converter end nut will be required for the clutch pipe. If in doubt, the coil spring slave cylinder has a groove all round for a pinch bolt whereas the diaphragm slave cylinder has only a slot for the pinch bolt to fit (the difference is in the bore size).

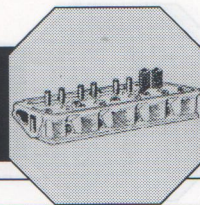
SIX CYLINDER ENGINES INTERCHANGEABILITY

If you want to put a six cylinder engine in to a Herald or a Spitfire, you need help - try a psychiatrist - better still, sell the car and buy a Vitesse or GT6.

To change from a 1600 or 2L MkI engine to a MkII type engine (or 2.5) the MkII inlet and exhaust manifold must be used with the appropriate exhaust. The 1600 coil spring clutch must be changed using the flywheel, clutch, release bearing carrier and slave cylinder from a Vitesse 2L or GT6 (NOTE: 2000 parts are not suitable).

To install a Triumph 2000/2.5 engine, first check that the cylinder block has drilled and tapped lugs to accept the Vitesse/GT6 mountings. Use Vitesse/GT6 backplate, flywheel, inlet manifold and sump. There may be problems with water pipes and throttle linkages.

ENGINES



IDENTIFICATION CHART

(Please note: USA engines are not listed - for further details, please enquire).

Many cars now have non-standard/original engines fitted and it is always advisable to order parts by ENGINE NUMBER rather than car model.

Prefix specification:

G or Y	948cc Herald	DG	1300 Toledo
GA	1147cc - 1200 Herald	DH	1300 Dolomite
GD	1147cc - 1200, 12/50 Herald	RD/RF	1300 FWD
FC	1147cc - Spitfire I, II	WB	1500 FWD
GE	1296cc - Herald 13/60	YC	1500 RWD/Dol.
GK	1296cc - Herald 13/60 late	FP	1500 MG Midget
FD	1296cc - Spitfire III		
FH	1296cc - Spitfire IV		
FM	1492cc - Spitfire 1500		
HB	1596cc - Vitesse 6	MB	2000 Mkl
HC	1998cc - Vitesse 2L / I, II	ME/ML	2000 Mkl
KC	1998cc - GT6 I, II	CR/CP/MG/	
KE	1998cc - GT6 III	MM/MN	2500

NOTE: Engines DG, DH, WB, YC, FP similar to FH, FM.
Engines RD, RF similar to GE, FD.

OIL CONSUMPTION & ENGINE OILS

Any engine can lose oil in three ways - leaks, worn pistons/ring, worn valves/guides.

LEAKS. Very difficult to totally cure but there are a few major places to start. FRONT/REAR CRANKSHAFT OIL SEAL. These require an ungrooved, rust free, ground finish to run on.

FRONT SEALING BLOCK/REAR OIL SEAL HOUSING. As these are made from aluminium they are prone to stripped threads.

HEAD GASKET. In the left hand rear corner there is an oil feed to the rockershaft. Use HYLOMAR round the hole for the rocker shaft oil feed.

PUSHROD GUIDE TUBES (when fitted) - YOU TELL ME!

WORN PISTONS/RINGS. The only real cure for this is a rebore and new pistons, because if the pistons are removed from the bores the block will need to be glaze busted and new rings fitted.

WORN VALVES AND GUIDES. For some inexplicable reason TRIUMPH did not fit valve stem oil seals, relying instead on a very close tolerance between valve and guide to prevent excess oil loss. We have recently found valve stem oil seals that can be fitted to a range of our engines and have found them to be extremely effective in controlling the flow of oil down the valve stem (see pt. no. HR631).

*HR631 VALVE STEM OIL SEAL (each)	8/12	£1.15
*GGL400 20/50 UNIPART ENGINE OIL	1GALL	£5.75

ENGINE LIFE - ESPECIALLY SPITFIRE 1500s. From our own experience we have one major recommendation to make to reduce the maintenance and prolong the life of any TRIUMPH engine - use MOBIL 1 FULLY SYNTHETIC ENGINE OIL. Once the engine has been run in and all leaks have been attended to, put MOBIL 1 in and off you go for 20,000 miles between oil changes. Wonderful stuff.

UNLEADED PETROL

The simplest way to convert your car to run on unleaded fuel is to put it into the tank. Lead in petrol performs no function until it is burnt when it then acts as a protector for the exhaust valves and seats. Good quality exhaust valves and seat inserts make sure that the valves cannot reseed into the head, but with most old engines the valve seats are so hard anyway that putting unleaded fuel in will make very little difference. If a valve should wear (or reseed) **THEN** replace the valves and have the seats inserted or have a reconditioned unit.

Apart from the exhaust valves and seats no other parts need to be changed from standard - even the timing stays the same. Some very high compression engines may require 98 octane but we run a variety of 4 cylinder engines on the 95 octane with no problems.

ENGINES

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE	S/CHARGE
FULL ENGINES (WITH SUMP & ROCKER BOX, NO ANCILLARIES OR STUDS)						
E2UR★	948cc	HERALD		1	£590.00	£100.00
E6UR★	1147cc	HERALD 1200 (GA, GD) FOR SPITFIRE I, II (FC)	UNLEADED	1	£590.00	£100.00
E7UR	1296cc	HERALD 13/60 (GE) PETROL		1	£590.00	£150.00
E9UR	1296cc	SPITFIRE III (FD)	LEADED	1	£590.00	£150.00
E16UR★	1296cc	HERALD 13/60 (GK) SPEC. SPITFIRE IV (FH)	ENQUIRE FOR PRICE	1	£590.00	£75.00
E11UR	1492cc	SPITFIRE 1500 (FM)		1	£590.00	£150.00
E12UR	1596cc	VITESSE 1600 (HB)		1	ENQUIRE	
E13UR	1998cc	VITESSE I/GT6 (HCKC TO 50000)		1	£875.00	£150.00
E14UR★	1998cc	VITESSE II/GT6 II,III		1	£875.00	£150.00

★ NOTE EXACT SPECIFICATION CAN VARY - ENQUIRE FOR DETAILS. OLD UNITS MUST BE SERVICEABLE - NO HOLES, MISSING THURSTS, PARTS MISSING. SOME OR ALL OF THE SURCHARGE RETAINED AT OUR DISCRETION.

SHORT ENGINES (BLOCK - CRANK - PISTONS)

			Outright
E1300	HERALD (GK) SPITFIRE IV	1	£320.00
E1500	SPITFIRE 1500	1	£350.00

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
ENGINE MOUNTINGS					
104526		ENGINE MOUNT	HERALD 948	2	£6.00
HN2009		NUT	1200 MKI	2	0.20
UKC5334		ENGINE MOUNT	HERALD/	2	£5.00
HU909		BOLT - MOUNT TO CHASSIS	SPITFIRE	4	0.35
YN2909		NUT FOR BOLT & MOUNT		6	0.20
132669		ENGINE MOUNT		2	£7.00
HU909		BOLT - MOUNT TO CHASSIS - VITESSE	VITESSE	2	0.35
HB912		BOLT - MOUNT TO CHASSIS - GT6	GT6	4	0.20
YN2909		NUT FOR BOLT & MOUNT		8	0.20

CORE PLUG SETS (ALSO AVAILABLE INDIVIDUALLY)

EPS8	SET 4 CYLINDER - EARLY TYPE (DISHED)	'EARLY'	1	£7.00
ECPS8	SET 4 CYLINDER - LATER TYPE (BUCKET)	TO MID	1	£3.00
EPS7	SET 6 CYLINDER - EARLY TYPE (DISHED)	60's NOT	1	£7.00
ECPS7	SET 6 CYLINDER - LATER TYPE (BUCKET)	INTER-CHANGEABLE	1	£3.50

GASKET SETS

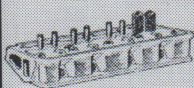
DECOKE SETS (TOP END OF ENGINE) ALL GASKETS ASSOCIATED WITH HEAD

E30	HERALD 948 (G,Y)	1	£12.00
E31	HERALD 1200, 12/50 (GA,GD)	1	£12.00
E32	HERALD 13/60 (GE,GK)	1	£12.00
E31L	SPITFIRE I, II (FC)	1	£12.00
E32L	SPITFIRE III, IV to FH25000 FLAT BLOCK	1	£17.50
AJM1195	SPITFIRE IV FROM FH25001 RECESSED BLOCK	1	£17.50
E33L	SPITFIRE 1500 (FM)	1	£17.50
E34	VITESSE 6 (HB)	1	£26.00
E35	VITESSE I/GT6 I (HC TO 50000/KC TO 50000)	1	£26.00
E36	VITESSE II/GT6 II (HC FROM 50000/KC FROM 50000)	1	£20.00
E36L	GT6 III to KE10000 (FLAT BLOCK)	1	£20.00
E37	GT6 III FROM KE 10000 (RECESSED BLOCK)	1	£20.00

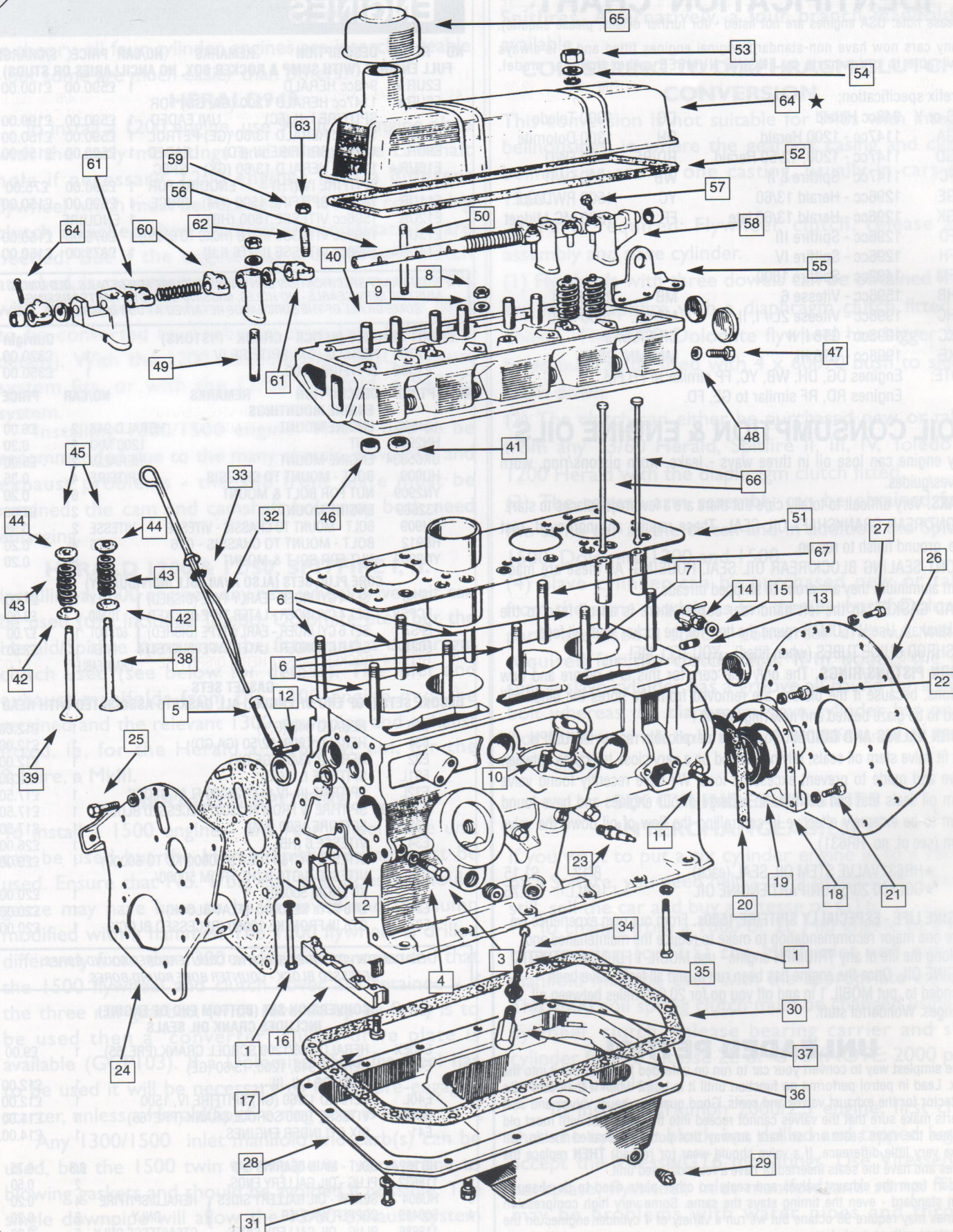
FLAT BLOCK - CYLINDER BLOCK NO COUNTERBORES ROUND BORES.
RECESSED BLOCK - COUNTER BORE ROUND BORES.

CONVERSION SET (BOTTOM END OF ENGINE) INCLUDES CRANK OIL SEALS

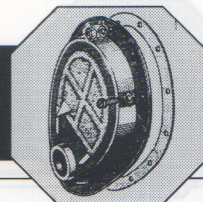
E40EX	HERALD 948/1200 SCROLL CRANK (PRE '65)	1	£9.00
E40E	HERALD 948, 1200, 13/60 (GE) SPITFIRE I, II, III	1	£12.00
E40L	HERALD 13/60 (GK) SPITFIRE IV, 1500	1	£12.00
E41X	VITESSE 1600 SCROLL CRANK (PRE '65)	1	£11.00
E41	SIX CYLINDER ENGINES	1	£14.00
1	HB1024 BOLT - MAIN BEARING CAP	6/8	0.75
2	118632 PLUG - OIL GALLERY ENDS	2	0.50
3	HU804 SCREW - OIL GALLERY SIDES	4	0.20
4	500469 COPPER WASHER	2	0.20
118686	PLUG - OIL GALLERY SIDES	6	0.30



ENGINES



ENGINES



ENGINES

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
5	121831	DIPSTICK TUBE (WHEN FITTED)	HERALD/SPITFIRE	1	N/A
	127652	DIPSTICK TUBE	GT6/VITESSE ONLY	1	N/A
6	105121	HEAD STUD	HERALD/SPITFIRE	8/9	£2.00
7	121217	HEAD STUD - LIFTING EYE	VITESSE 6, I/GT6 I	2	£1.75
	119758	HEAD STUD LONG		7	£1.75
	133803	HEAD STUD SHORT		7	£1.50
	146200	HEAD STUD - VITESSE II/GT6 II, III		14	£2.00
8	110748	HEAD NUT HERALD/SPITFIRE/VITESSE 6/I GT6 I		10/11/14	0/75
9	WP9	WASHER FOR 110748		10/11/14	0.10
	51K1193	HEAD NUT, HEAVY DUTY - ALTERNATIVE 110748		10/11/14	£1.00
	103810	HEAD NUT VITESSE II/GT6 II, III		14	0.75
	508289	WASHER FOR 103810		14	0.25
10	101962	STUD DISTRIBUTOR PEDESTAL		2	0.75
11	101962	STUD PETROL PUMP SHORT		2	0.75
	158003★	STUD PETROL PUMP LONG		2	0.40

★ S1500 FROM FM93157 HAD A 1/2" SPACER BLOCK FITTED BETWEEN PUMP AND BLOCK AND HENCE REQUIRES LONGER STUD 158003

12	101962	STUD FRONT FACE		1/2	0.75
13	158003	STUD G/BOX 7 REAR ENG. PLATE		3	0.40
14	61478	DRAIN TAP } ALTERNATIVE		1	£8.25
	120977	DRAIN PLUG }		1	£2.50
15	WF511	FIBRE WASHER FOR TAP OR PLUG		1	0.20
16	151134	FRONT SEALING BLOCK		1	£20.00
17	100501	SCREW - SEALING BLOCK ATTACH		2	0.50
18	156530	OIL SEAL HOUSING		1	£20.00
19	143456★	OIL SEAL		1	£4.00
	137174★	OIL RETAINING COVER (SCROLL TYPE)		1	£7.00

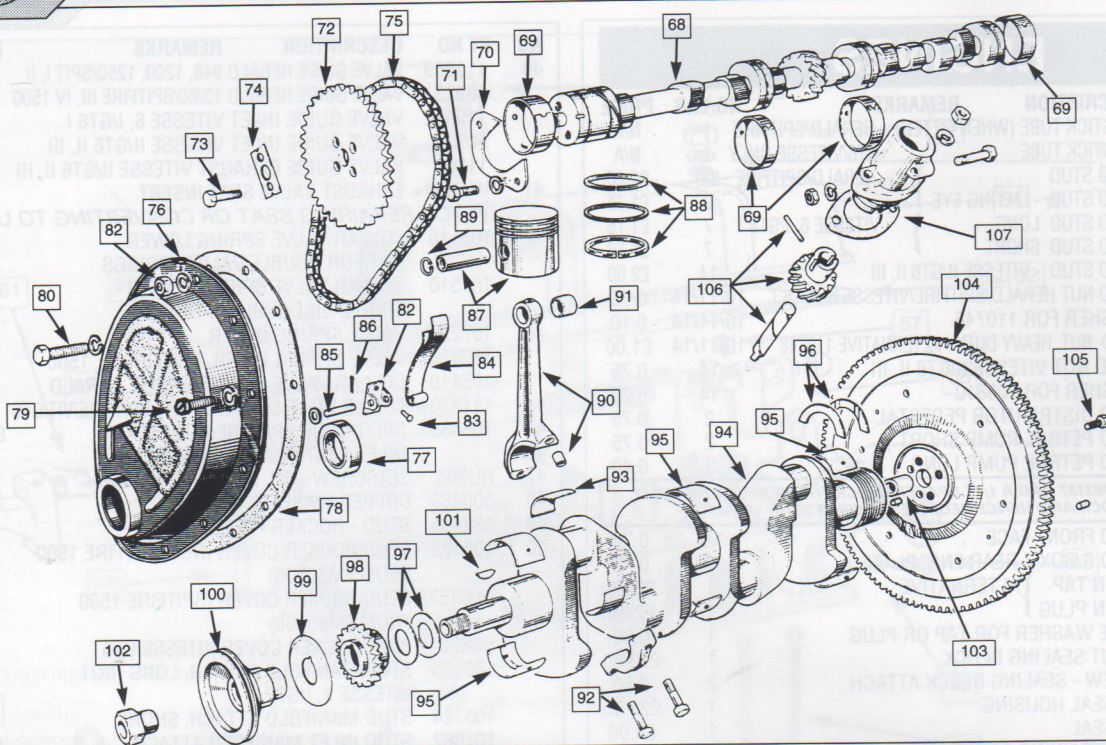
★ UP TO 1965 (APPROX) REAR CRNK OIL SEALS WERE NOT FITTED, OIL RETENTION WAS BY REVERSE SCROLL

20	105321	GASKET - HOUSING TO BLOCK		1	0.30
21	HU809	SETSCREW - OIL SEAL HOUSING		7	0.20
22	500469	COPPER WASHER TOP BOLT		1	0.20
23	GPS117	OIL SWITCH IN BLOCK		1	£3.50
24	215372	FRONT ENG. PLATE HERALD (FROM 1962) SPITFIRE		1	£20.00
25	HU806	SETSCREW FRONT PLATE TO BLOCK		3	0.20
26	201344R	REAR ENGINE PLATE HERALD/SPITFIRE		1	£15.00
27	HU806	SETSCREW REAR ENGINE PLATE HERALD/SPITFIRE		7	0.20
	211514	REAR ENGINE PLATE VITESSE/GT6		1	N/A
	HU807	SETSCREW REAR ENGINE PLATE VITESSE/GT6		7	0.20
28	213863	SUMP HERALD/SPITFIRE		1	N/A
	308571	SUMP VITESSE/GT6		1	N/A
29	114774	DRAIN PLUG		1	£1.00
30	GEG517	SUMP GASKET HERALD/SPITFIRE		1	£3.00
	211125	SUMP GASKET VITESSE/GT6		1	£5.00
31	HU805	SETSCREW - SUMP ATTACH.		15/23	0.20
32	134933R	DIPSTICK HERALD/SPITFIRE		1	£5.00
	127653	DIPSTICK VITESSE/GT6		1	N/A
33	32307	FELT WASHER ON DIPSTICK		1	0.75
34	132107	PISTON OIL RELIEF VALVE		1	£4.00
35	131535	PISTON SPRING		1	£1.00
36	107246	PLUG		1	N/A
37	6K433	WASHER FOR PLUG		1	0.25
VALVES					
38	107872	INLET VALVE HERALD 948		4	£4.00
	126857	INLET VALVE HERALD 1200, 12/50, 13/60		4	£4.00
	134464	INLET VALVE SPITFIRE I, II		4	£4.00
	126893	INLET VALVE SPITFIRE III, IV 1 1/4"		4	£5.50
	145328	INLET VALVE SPITFIRE IV, 1 - 7/16"		4	£4.00
	UKC2460	INLET VALVE SPITFIRE 1500 1 3/8"		4	£4.00
	122257	INLET VALVE VITESSE 6, I/GT6 I		6	£5.00
	146128	INLET VALVE VITESSE II/GT6 II, III		6	£4.00
	108962	EXHAUST VALVE HERALD 948SC		4	£5.00
39	126858	EXHAUST VALVE SUITABLE UNLEADED	}	4	£5.50
		HERALD 1200, 12/50, 13/60		4	£5.50
	131179★	EXHAUST VALVE SPITFIRE I, II		4	£5.50
	153886	EXHAUST VALVE SPITFIRE III, IV, 1500, SUITABLE UNLEADED		4	£6.00
	137841	EXHAUST VALVE VITESSE 6, I/GT6 I	} UNLEADED	6	£5.50
	146084	EXHAUST VALVE VITESSE II/GT6 II, III } USE 159873		6	£6.00
	159873	EXHAUST VALVE VITESSE/GT6 SUITABLE UNLEADED FOR USE WITH INSERT UKC2644		6	£5.75
		(SEE NO. 41 BELOW)			

★ FOR SPITFIRE I, II WITH UNLEADED COVERSION USE VALVE 153886

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
40	111869	VALVE GUIDE HERALD 948, 1200, 1250/SPIT I, II		8	£1.50
	58923	VALVE GUIDE HERALD 13/60/SPITFIRE III, IV 1500		8	£1.50
	119622	VALVE GUIDE INLET VITESSE 6, I/GT6 I		12	£2.50
	58923	VALVE GUIDE INLET VITESSE II/GT6 II, III		6	£1.50
	11869	VALVE GUIDE EXHAUST VITESSE II/GT6 II, III		6	£1.50
41	UKC2644★	EXHAUST VALVE SEAT INSERT		4/6	£6.00
(★FOR REPAIRING SEAT OR CONVERTING TO UNLEADED)					
42	105118	COLLAR VALVE SPRING LOWER - NOT FOR DOUBLE VALVE SPRINGS		8/12	0.25
	157510	COLLAR VALVE SPRING LOWER - SINGLE OR DOUBLE SPRINGS		8/12	£2.00
43	157229	VALVE SPRING OUTER		8/12	£1.50
	157476	VALVE SPRING INNER, SPITFIRE IV, 1500		8	£1.50
	105119	COLLAR VALVE SPRING UPPER, HERALD		8	£2.50
44	111870★	COLLAR VALVE SPRING UPPER, SPITFIRE/VIT/GT6		12	£1.00
45	106663	SPLIT CONE SPITFIRE/VITESSE/GT6		8/12 PR	£1.25
46		INLET SEAT INSERT (ENQUIRE)		4/6	
47	HU804	SETSCREW - OIL FEED		1	0.20
48	500469	COPPER WASHER		1	0.20
49	132495	STUD - ROCKER PEDESTAL		4/6	0.85
50	105123	STUD ROCKER COVER (NOT SPITFIRE 1500 FROM FM80000)		2	0.85
	ULC1578	STUD ROCKER COVER (SPITFIRE 1500 FROM FM80000)		2	0.80
	HB828	BOLT ROCKER COVER VITESSE/GT6		1	0.50
	105125	STUD MANIFOLD ATTACH. LONG (NOT VITESSE 6, I/GT6 I)		4/6	0.65
	105124	STUD MANIFOLD ATTACH. SHORT		2/4	0.60
	101962	STUD INLET MANIFOLD ATTACH. VITESSE/GT6		2	0.75
CYLINDER HEAD GASKETS					
51	GEG314	HERALD 1200, 1250/SPITFIRE I, II		1	£7.50
	GEG374	HERALD 13/60/SPITFIRE III, IV TO FH25000, FLAT BLOCK		1	£7.50
	GEG373	SPITFIRE IV FROM FH25000, SPITFIRE 1500 RECESSED BLOCK		1	£7.50
	208652	VITESSE 6		1	£16.00
	207102	VITESSE I/GT6 I		1	£17.00
	GEG346	VITESSE II/GT6 II, III TO KE10000 FLAT BLOCK		1	£10.00
	GEG387	GT6 III FROM KE10000 RECESSED BLOCK		1	£10.00
52	GEG414	ROCKER GASKET HERALD/SPITFIRE		1	£1.00
	GEG413	ROCKER GASKET VITESSE/GT6		1	£2.00
53	YN2908	NYLOC NUT ROCKER COVER	NOT SPITFIRE 1500	2	0.20
54	WF508	FIBRE WASHER	FROM FH80000	2/3	0.20
	147737	RETAINER ROCKER COVER	SPITFIRE 1500	2	£1.90
	147738	COVER WASHER	FROM FH8000	2	£1.50
	148090	RUBBER WASHER		2	0.30
55	142649	LIFTING EYE HERALD/SPITFIRE		1	£2.25
	123716	FRONT LIFTING EYE VITESSE/GT6		1	£1.00
	123715	REAR LIFTING EYE VITESSE/GT6		1	£2.50
	HU805	LIFTING EYE ATTACH. VITESSE/GT6		4	0.20
56	104829	ROCKER SHAFT HERALD 948, 1200, 12/50/SPITFIRE I, II		1	£23.50
	144962	ROCKER SHAFT HERALD 13/60/SPITFIRE III, IV, 1500		1	£22.00
	204736	ROCKER SHAFT VITESSE 6/GT6 I		1	£29.00
	214559	ROCKER SHAFT VITESSE II/GT6 II, III		1	£26.00
57	104859	SCREW - LOCATING SHAFT IN PEDESTAL		1	0.20
58		ROCKER PEDESTAL - ENQUIRE			
59	HN2009	NUT SECURING ROCKER SHAFT		4/5	0.20
60	109024	ROCKER, ODD NOS.		4/6	£7.00
61	109023	ROCKER, EVEN NOS.		4/6	£7.00
62	57109	ROCKER ADJUSTING PIN		8/12	0.30
63	57110	JAM NUT - LOCKING PIN		8/12	0.25
64	PC10	SPLIT PIN FOR ROCKER SHAFT, HERALD 13/60, SPITFIRE III, IV, 1500, VITESSE II, GT6 II, III		1	0.20
	500975	MILLS PIN FOR ROCKER SHAFT HERALD 948, 1200, 12/50/SPITFIRE I, II/VITESSE 6, I/GT6 I		2	0.40
65	113569	OIL FILLER CAP, PUSH ON, HERALD 948, 1200, 12/50/SPITFIRE I, II/VITESSE 6		1	£14.00
	143393	OIL FILLER CAP WITH BREATHER VITESSE I, II/GT6		1	N/A
	138176	OIL FILLER CAP, HERALD 13/60/SPITFIRE III, IV, 1500		1	£4.00
66	111874	PUSHROD HERALD 1200, 12/50, 13/60/SPITFIRE I, II, III, IV		8	£3.00
	157508	PUSHROD SPITFIRE IV, 1500		8	£3.00
	129058	PUSHROD VITESSE 6, I/GT6 I		12	£3.00
	151073	PUSHROD VITESSE II/GT6 II, III		12	N/A
	149513	PUSHROD GT6 III		12	£3.00
67	144343	VALVE TAPPET SMALL FITTED TO APPROX. 1965		8/12	£7.50
	143552	VALVE TAPPET LARGE (3/4") FITTED FROM APPROX. 1965		8/12	£3.00

ENGINES



ENGINES

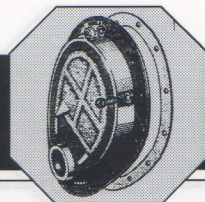
NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
CAMSHAFTS					
68	212164R	4 CYL. SMALL JOURNAL EXCHANGE		1	£30.00
	RKC3305	4 CYL. LARGE JOURNAL NEW		1	£75.00
	RKC3305R	REPROFIED TO SPITFIRE III & HARDENED, LARGE JOURNAL (EXCHANGE)		1	£30.00
	308778	6 CYL. (VITESSE II PROFILE)		1	N/A
	307689	6 CYL. (TR5 PROFILE)		1	N/A
69	142647/8	CAM BEARING SET (WHEN REQUIRED)	ORIGINAL SOME SPITFIRE II, III, IV ONLY	1	£21.00
70	105114	CAM KEEPER		1	£5.00
71	HU807	SETSCREW CAM PLATE		2	0.20
72	35960	CAM CHAINWHEEL		1	£20.00
73	100500	BOLT - GEAR TO CAM		2	0.35
74	36411	LOCK PLATE		1	0.60
75	105131	TIMING CHAIN		1	£4.50
	E65	TIMING CHAIN KIT INCLUDES ITEMS 89, 91, 92, 98	FOR GA, GD, GE, FC, FD	1	£10.00
	E66	TIMING CHAIN KIT INCLUDES ITEMS 89, 91, 92, 98	FOR GK, FH, FM, HB, HC, KC, KE	1	£10.00
76	201311	TIMING CHAIN COVER	GA, GD, GE, FC, FD	1	£10.00
77	100499	OIL SEAL		1	£3.00
	217790	TIMING CHAIN COVER	GK, FH, FM, HB, KC, KE	1	£12.00
	UKC1110	OIL SEAL		1	£3.00
	211126	GASKET CHAIN COVER		1	£1.50
79	PT803	SETSCREW TIMING COVER		5	0.50
80	HU807	SETSCREW TIMING COVER		5/6	0.20
81	HN2008	NUT TIMING COVER		1/2	0.20
82	43752	ANCHOR PLATE		1	N/A
83	RU610040	RIVET ANCHOR PLATE		2	0.20
84	42425	TENSIONER		1	£3.50
85	33214	PIN FOR TENSIONER		1	£1.10
86	PC7	SPLIT PIN		1	0.20
PISTON SETS - WITH GUDGEON PINS AND RINGS					
87	137206	CAR SET PISTONS GA, GD, 1147CC STANDARD +20, +30, +40, +60		1	£110.00
	155907	SET PISTONS GE, GK, FH 1296CC STANDARD +20, +30, +40, +60		1	£90.00
	155169	SET PISTONS FM 1493CC STANDARD +20, +30, +40, +60		1	£90.00
	149976	SET PISTONS HC, KC, KE, FLAT TOP 1998CC STANDARD +20, +30, +40		1	£150.00

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
	158112	SET PISTONS KE DOMED TOP 1998CC STANDARD +20, +30, +4-		1	£150.00
		948CC AND 1596CC PISTONS ENQUIRE			
PISTON RING SETS					
	1121	RING SET G, 948CC STANDARD +20		1	£35.00
88	15816	RING SET GA, GD, FC 1147CC STANDARD +20, +30, +40, +60		1	£39.00
	29656	RING SET GE, GK, FH, FM 1296CC STANDARD +20, +30, +40, +60		1	£22.00
	1268	RING SET HB 1596CC STANDARD		1	£50.00
	27256	RING SET HC, KC, KE 1998CC		1	£50.00

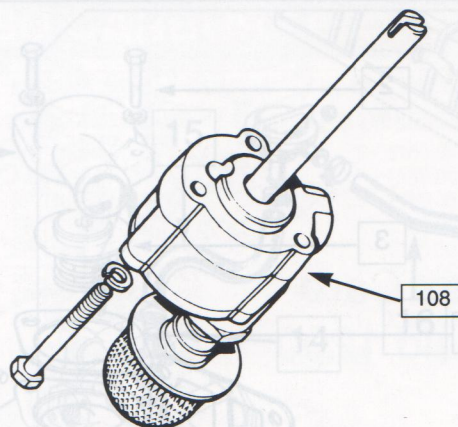
★ NOTE - IF PISTONS ARE REMOVED FROM BORES, THE RINGS REQUIRE REPLACING, AND THE BORES REQUIRE 'GLAZE BUSTING' THINK BEFORE YOU FIDDLE.

89	508978	CIRCLIP		8/12	0.35
90	146454R	CON ROD GK, FH, FM, HC FROM 4500E KC FROM 5000E		4/6	£15.00
91	119813	SMALL END BUSH		8/12	£1.50
92	UKC2598	CON ROD BOLT		8/12	£2.50
BIG END BEARINGS					
93	104821	BEARINGS HERALD STD TO -60		1	£16.75
	138211	BEARINGS - GA, GD, GE, FC, FD, STD -10, -20, -30, -40, -50, -60		1	£16.75
	RTC1754	BEARINGS - GK, FH, FM, STD, -10, -20, -30, -40, -50, -60		1	£14.00
	128391	BEARINGS HB, HC TO 4500, KC TO 5000, STD -10, -20, -30, -40,			£23.00
		-40,			£24.00
	149081	BEARINGS HC FROM 4500, KC FROM 5000, STD, -10, -20, -30, -40, -50, -60		1	£26.00
				1	£21.00
REGROUND CRANKSHAFTS - WITH BEARINGS - EXCHANGE					
94	CS2R	HERALD 1200, 12/50/SPITFIRE I, II (SCROLL REAR SEAL)		1	£79.00
	CS3R	HERALD 1200, 13/60 (NOT GK) SPITFIRE II, III (RUBBER REAR OIL SEAL)		1	£50.00
	CS4R	SPITFIRE IV (ALSO H 13/60 GK ENGINES)		1	£79.00
	CS5R	SPITFIRE 1500		1	£74.00
	CS7R	VITESSE I FROM HC4500, II/GT6 I FROM KC5000, II, III		1	£65.00
				1	£99.00
					£50.00

ENGINES



NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
MAIN BEARINGS					
95	104819	MAIN BEARINGS HERALD 948 - ENQUIRE		1	
	140111	MAIN BEARINGS GA, GE, FC, FD, STD -10-20-30-40		1	£16.00
	RTC1753	MAIN BEARINGS GK, FH, FM, STD			
		-10, -20, -30, -40,		1	£14.00
	M4191	MAINS V6/1 TO HC4500/GT6 TOKC5000 STD -10-201			£35.00
	149082	MAINS V FROM HC4500/GT6 I			
		FROM KC500000 II, III/STD -10, -20, -30, -40		1	£19.00
96	141207	★THRUST WASHER AVAILABLE STD +5, +10		2	£2.00 EA
		FOR G, GA, GD, GE, FC, FD, HB, HC TO			
		4500 KC TO 5000			
	144195	★THRUST WASHERS STD, .0025, .005, .010, 0.015, 0.030		2	£2.00
		FOR GK, FH, FM, HC FROM 4500, KC FROM 5000, KE,			
		★UNLESS OTHERWISE INFORMED WE WILL SUPPLY			
		1 X STD AND 1 X +5 AS A PAIR.			
97	27138	SHIM .006 }		A/R	N/A
	27110	SHIM .004 }	GA, GD, GE, FC, FD	A/R	N/A
98	100431	CHAINWHEEL		1	£20.00
99	100447	OIL DEFLECTOR		1	N/A
	145275	SHIM .006 }		A/R	N/A
	145276	SHIM .004 }	GK, FH, FM, HB, HC, KC, KE	A/R	N/A
	119389	CHAINWHEEL		1	£20.00
	119390	OIL DEFLECTOR		1	£3.00
100	217789	CRANK, PULLEY, FH, FM ONLY		1	£70.50
101	105115	KEY FOR CRANK/PULLEY HERALD/SPITFIRE		1	0.20
	133234	KEY FOR CRANK/OIL SEAL SLEEVE VITESSE/GT6		1	£4.50
	133235	OIL SEAL SLEEVE VITESSE/GT6		1	£9.95
102	128058	CRANK NUT GA, GD, GE, FC, FD		1	£8.00
	155357	CRANK NUT GK, FH, FM		1	£8.00
	HB1316	BOLT FOR PULLEY VITESSE/GT6		1	£2.00
103	105143	BUSH - CLUTCH SPIGOT IN CRANK		1	£2.50
104	201350	RING GEAR		1	£25.00
105	138526	BOLT - FLYWHEEL TO CRANK 7/16 UNF		4	£1.00
	UKC 4254	BOLT - FLYWHEEL TO CRANK 7/16 UNF		4	£1.50
	60070	SPECIAL COLLAR FOR 3/8 FLYWHEEL		4	0.75
		BOLTS THROUGH 7/16 FLYWHEEL HOLES			
106	104862	DISTRIBUTOR GEAR ASSY. HERALD/SPITFIRE		1	N/A
	126786	DISTRIBUOTR GEAR ASSY. VITESSE/GT6		1	N/A
107	104939	GASKET .006		A/R	0.25
	125252	GASKET 0.20		A/R	0.25
64	★GAC 4067	FOUR CYL ALLY ROCKER COVER		1	£31.00
	★GAC 6004	SIX CYL ALLY ROCKER COVER		1	£52.00



OIL PUMPS & FILTERS

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
108	217058★	OIL PUMP COMPLETE HERALD/SPITFIRE		1	£56.00
	504863	REPAIR KIT - CAST IRON PUMP HERALD/SPITFIRE		1	£17.50
	UKC4867	REPAIR KIT - ALLOY PUMP	SPITFIRE	1	£17.50
	217488★	OIL PUMP COMPLETE	VITESSE/GT6	1	£46.00

★ SOME EARLY CARS HAVE A GAUZE IN THE SUMP WHICH REQUIRES REMOVING TO FIT THIS HIGH CAPACITY PUMP.

508975	OIL PUMP REPAIR KIT HB, HC, KC & KE TO 775	1	£20.00
519569	OIL PUMP REPAIR KIT GT6 III FROM KE776	1	£20.00

OIL FILTER

GFE132	OIL FILTER	HERALD 948	1	£6.50
GFE119	OIL FILTER	HERALD 1200, 13/60/SPITFIRE	1	£4.75
GFE131	OIL FILTER	VITESSE	1	£3.25
GFE138	OIL FILTER	GT6	1	£4.00

IDENTIFICATION CHART

(Please note: USA engines are not listed - for further details, please enquire).

Many cars now have non-standard/original engines fitted and it is always advisable to order parts by ENGINE NUMBER rather than car model.

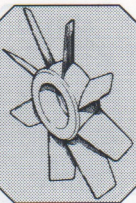
Prefix specification:

G or Y	948cc Herald
GA	1147cc - 1200 Herald
GD	1147cc - 1200, 12/50 Herald
FC	1147cc - Spitfire I, II
GE	1296cc - Herald 13/60
GK	1296cc - Herald 13/60 late
FD	1296cc - Spitfire III
FH	1296cc - Spitfire IV
FM	1492cc - Spitfire 1500
HB	1596cc - Vitesse 6
HC	1998cc - Vitesse 2L / I, II
KC	1998cc - GT6 I, II
KE	1998cc - GT6 III

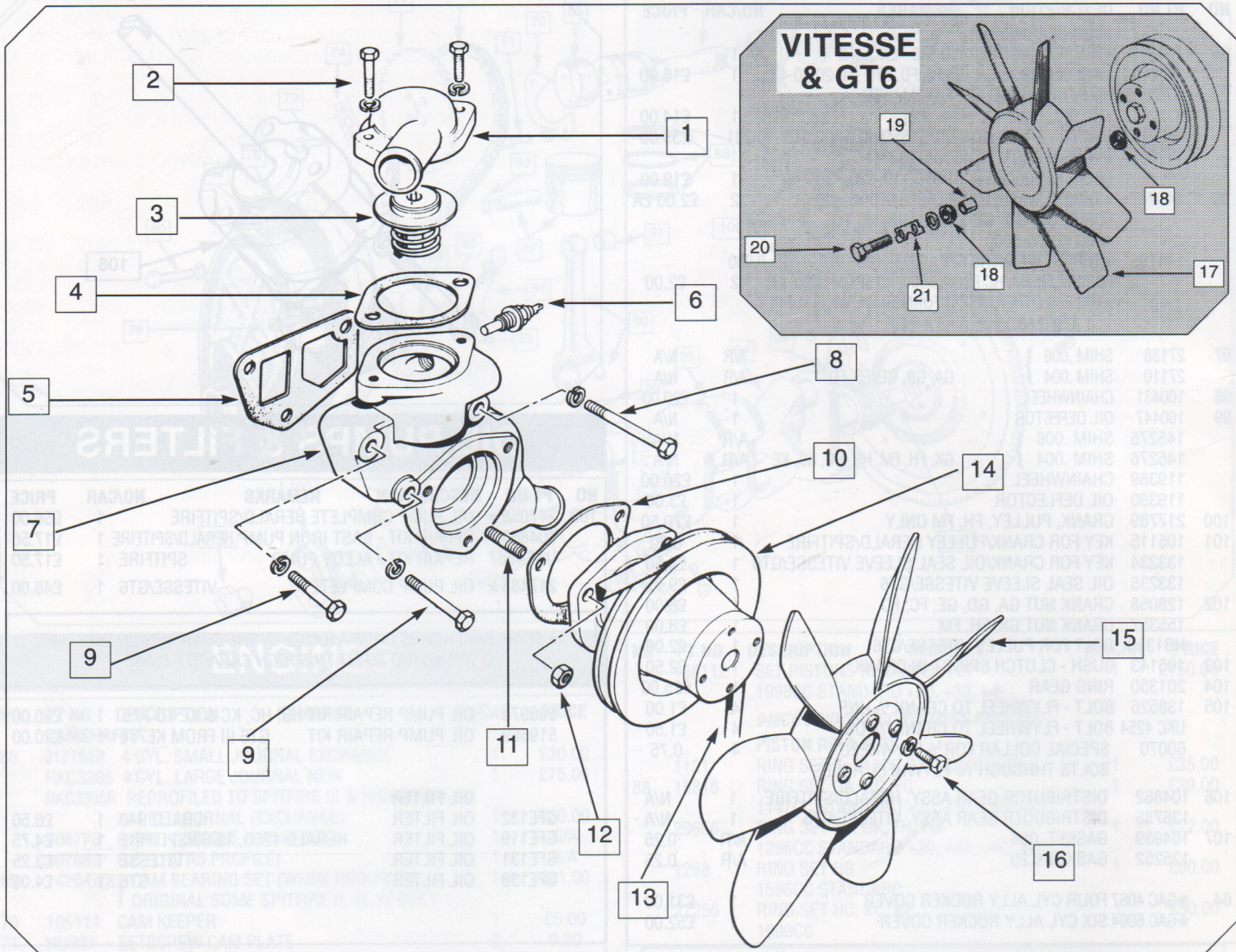
DG	1300 Toledo
DH	1300 Dolomite
RD/RF	1300 FWD
WB	1500 FWD
YC	1500 RWD/Dol.
FP	1500 MG Midget

MB	2000 MkI
ME/ML	2000 MkII
CR/CP/MG/	
MM/MN	2500

NOTE: Engines DG, DH, WB, YC, FP similar to FH, FM.
Engines RD, RF similar to GE, FD.



WATER PUMP & FAN BELT

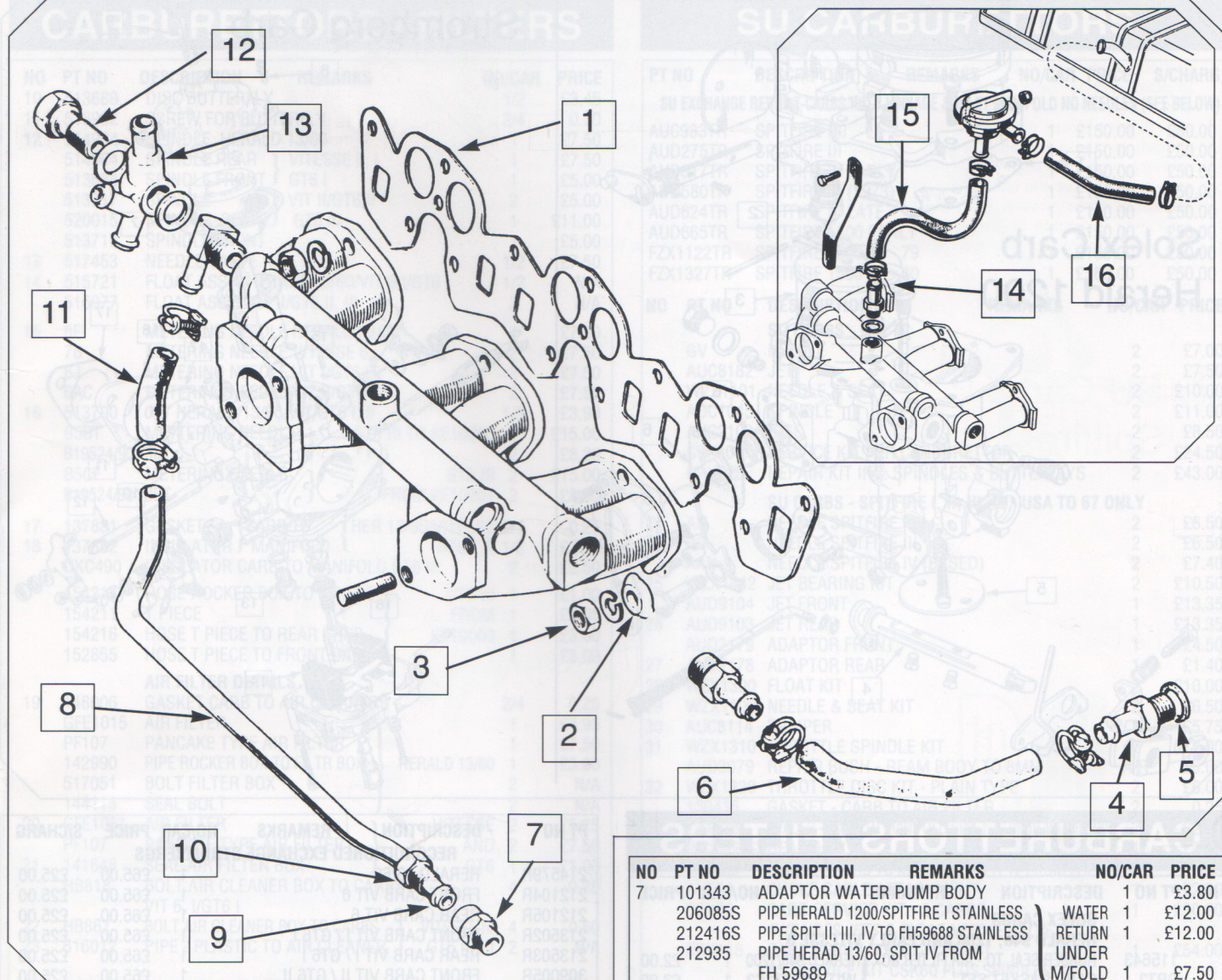
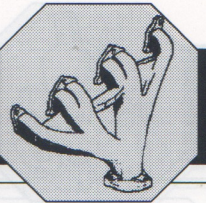


WATER PUMP & FAN BELT

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
1	156333	THERMOSTAT COVER HERALD/SPITFIRE		1	£21.75
	156333R	REFURBISHED THERMOSTAT COVER H/S			£7.50
	209014	THERMOSTAT COVER VITESSE		1	N/A
	212971	THERMOSTAT COVER GT6		1	£14.00
2		BOLTS FOR COVER, ORDER BY MODEL		2	0.20
3	GTS102	THERMOSTAT 74°		1	£3.00
	GS 104	THERMOSTAT 82° STANDARD FIT		1	£3.00
	GTS106	THERMOSTAT 88° WINTER		1	£3.00
4	57103	GASKET		1	0.25
5	138702	GASKET HOUSING TO HEAD/HERALD/SPITFIRE		1	0.30
	138792	GASKET HOUSING TO HEAD VITESSE/GT6		1	0.25
6	121997	TEMP TRANSMITTER VITESSE 6 & HERALD 948TC		1	£5.00
6	GTR 108	TEMP TRANSMITTER HERALD 13/60/SPIT/VIT I, II/GT6		1	£6.00
7	144297R*	WATER PUMP HOUSING HERALD/SPITFIRE		1	£10.00
	307095R*	WATER PUMP HOUSING VITESSE/GT6		1	£10.00
*SOME MODELS REQUIRE BLANKING PLUGS TO BE FITTED					
8	HB822	BOLT HOUSING TO HEAD/SPITFIRE		1	0.50
	HB824	BOLT HOUSING TO HEAD VITESSE/GT6		1	0.50
9	HB818	BOLT HOUSING TO HEAD		2	0.20
10	138701	WATER PUMP GASKET		1	0.30
11	101962	STUD PUMP TO HOUSING		3	0.75
12	HN2008	NUT		3	0.20

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
13	GCB11025	FAN BELT HERALD 13/60, SPITFIRE III		1	£3.50
	GCB11038	FAN BELT HER 948, 1200/VIT 6/SPIT I, II		1	£3.50
	GCB11088	FAN BELT VIT (FROM HC7937E) II/SPIT IV/1500/GT6 (FROM KC7906)		1	£3.50
	GCB11125	FAN BELT VIT I TO HC7963E, GT6 TO KC7905E		1	£3.50
	GCB11150	FAN BELT GT6 II		1	£3.50
14	GWP200	WATER PUMP HERALD/SPITFIRE I, II, III		1	£35.00
	GWP128	WATER PUMP SPITFIRE IV, 1500 (FIXED FAN)		1	£35.00
	GWP201	WATER PUMP VITESSE/GT6		1	£35.00
	UKC774	WATER PUMP	SPITFIRE 1500	1	£45.00
	UKC3532*	VISCOUS COUPLING	WITH VISCOUS	1	£55.00
	UKC759*	TOLERANCE RING, COUPLING TO PUMP	FAN FITTED	1	£2.25
	RKC92*	FAN BLADES		1	N/A
* ALTHOUGH THE VISCOUS FAN WAS A GOOD IDEA , IT IS EXPENSIVE TO MAINTAIN AND WHEN PROBLEMS OCCUR THE CHEAPEST FIX IS TO REPLACE IT WITH THE EARLY 1500 SET UP OF GWP128 + RKC2126 + HU706 X 4					
15	RKC2126	FAN BLADES PLASTIC	FITS HERALD/SPITFIRE (EXCEPT 1500 VISCOUS)	1	£26.40
16	HU706	BOLT BLADES TO PUMP		4	0.20
17	308353	FAN BLADES PLASTIC VITESSE/GT6		1	£19.50
18	108496	RUBBER BUSH	FAN TO	8	0.50
	108496P	BUSH	PLASTIC SLEEVE	8	£2.45
19	108499	STEEL	ENGINE	4	0.60
20	HU809	BOLT	VIT/GT6	4	0.20
21	107857	TAB WASHER		2	£1.25

INLET MANIFOLD



INLET MANIFOLD

INLET MANIFOLD

INLET MANIFOLD - ENQUIRE FOR SECONDHAND

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
	GEG615	MANIFOLD GASKET H948, 1200/SPIT I, II		1	£2.50
	AJM648	MANIFOLD GASKET HER 13/60/SPIT I, II		1	£2.50
	AJM681	MANIFOLD GASKET SPITFIRE 1500		1	£2.50
	AJM613	MANIFOLD GASKET VIT 6, I/GT6 I		1	£4.00
1	AJM682	MANIFOLD GASKET VIT II/GT6 II/ III		1	£5.00
2	58258	CLAMP MANIFOLD NUTS TO HEAD (SHORT)			
		NOT VITESSE 6, I/GT6 I		4/6	£3.00
	137845	CLAMP MANIFOLD HEAD (LONG)			
		1300/1500 ENGINES ONLY		2	£3.00
3	HN2009	NUT MANIFOLD TO HEAD (NOT VITESSE 6, I/GT6 I)		6/8/10	0.20
		MANIFOLD HEATER PIPES			
4	138530	ADAPTOR - WATER PUMP BODY FOR HOSE			
		VIT/GT6/SPIT I, II, III, IV, 1500/HERALD 13/60		1	£4.00
5	AUC2141	FIBRE WASHER		1	0.25
6	137876	HOSE VIT/GT6/SPITFIRE II	WATER PUMP	1	N/A
	137876Z	HERALD 13/60	HOUSING	1	£3.00
	149699	HOSE SPITFIRE III, IV	TO INLET	1	N/A
	149699Z	REPRO HOSE 149699	MANIFOLD	1	£3.50
	GZA2052	HOSE SPITFIRE 1500		1	£6.50
	GZA2052Z	REPRO HOSE GZA2052		1	£3.50

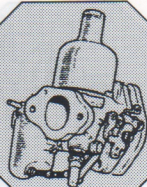
NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
7	101343	ADAPTOR WATER PUMP BODY		1	£3.80
	206085S	PIPE HERALD 1200/SPITFIRE I STAINLESS	WATER	1	£12.00
	212416S	PIPE SPIT II, III, IV TO FH59688 STAINLESS	RETURN	1	£12.00
	212935	PIPE HERAD 13/60, SPIT IV FROM	UNDER		
		FH 59689	M/FOLD	1	£7.50
	212935S	PIPE HER 13/60, SPIT IV FROM	WITH		
		FH59689 STAINLESS	HEATER	1	£12.00
8	210834S	PIPE VITESSE/ GT6 I, II STAINLESS	FITTED	1	£12.00
	217467	PIPE GT6 III USE 210834S + 140986 (43)		1	
9	101302	NUT TUBING		1	£2.00
10	TL11	OLIVE		1	0.35
11	140986	HOSE VITESSE/GT6 I, II	WATER	1	0.50
	149699	HOSE GT6 III (OE FITMENT)	RETURN	1	N/A
	149699Z	REPRO HOSE 149699	PIPE TO	1	£2.50
	137876Z	HOSE HERALD 13/60	INLET	1	£3.00
	152521	HOSE SPITFIRE II, III, IV TO FH59688	M/FOLD	1	N/A
	152521Z	REPRO HOSE 152521		1	£4.40
	GZA2052	HOSE SPIT IV FROM FH 59689 SPIT 1500		1	£6.00
	GZA2052Z	REPRO HOSE GZA2052		1	£3.50

Z SUFFIX REFERS TO REPRODUCTION ITEM
NOT AS GOOD AS ORIGINAL

12	145155	BANJO BOLT VIT/GT6		1	£9.50
13	145407	ADAPTOR VITESSE		1	N/A
	145938	ADAPTOR GT6		1	N/A

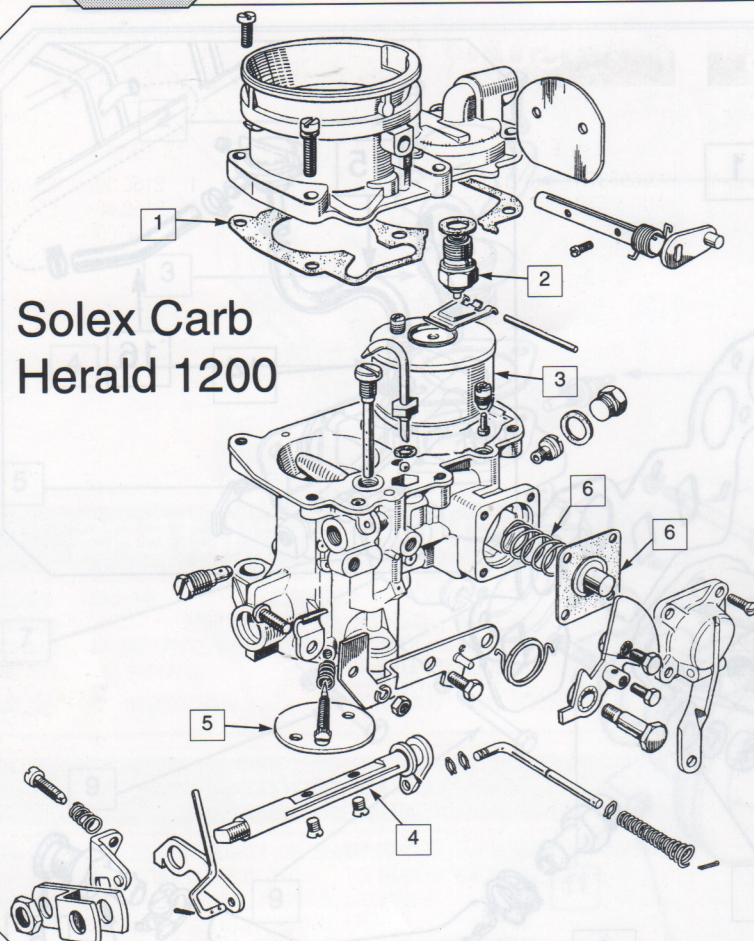
FOR EXHAUST MANIFOLDS SEE PAGE 45 EXHAUSTS

	2H7758	EMISSION VALVE DIAPHRAGM (WHEN VALVE FITTED)		1	£4.00
14	138530	ADAPTOR - HOSE TO INLET MANIFOLD	VIT/GT6	1	£4.00
15	143706Z	HOSE VALVE TO MANIFOLD	WHEN	1	£4.00
16	143323Z	HOSE VALVE TO ROCKER BOX	FITTED	1	£4.00
	143323Z	HOSE VALVE TO ROCKER BOX			
		(SPITFIRE III, IV (WHEN FITTED))		1	£4.00

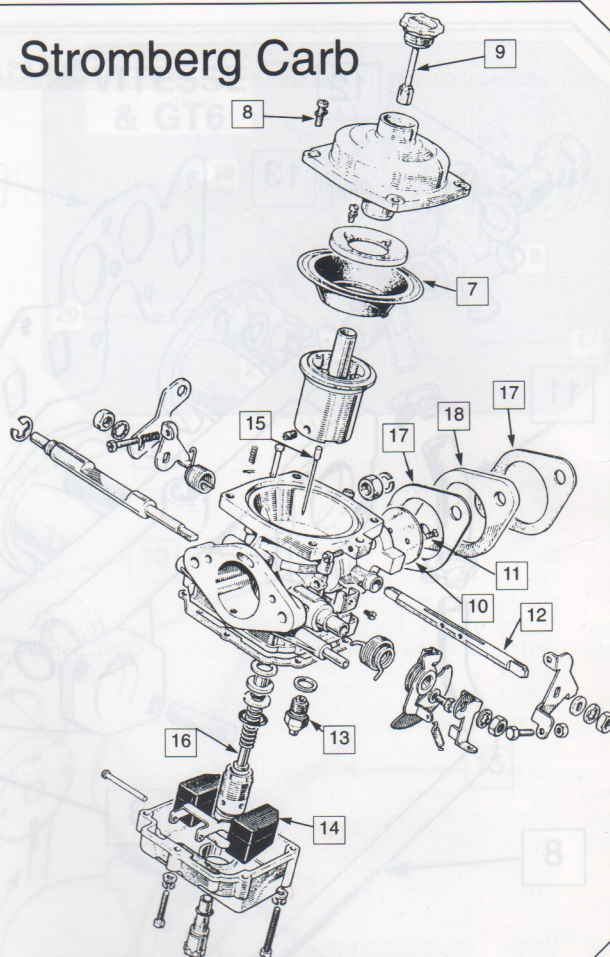


CARBURETTORS & AIR FILTERS

**Solex Carb
Herald 1200**



Stromberg Carb



CARBURETTORS / FILTERS

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
SOLEX CARBS					
HERALD 948, 1200 AND EARLY VITESSE 6					
115643		RUBBER SEAL TO - AIR FILTER BOX	HERALD 948/1200 WITH B28Z1C2	1	£2.00
GP72		CARB GASKET SET		1	£3.00
506476		TOP GASKET		1	£1.00
115643		RUBBER SEAL - TO FILTER BOX	VITESSE 6	2	£2.00
GFE1009		AIR FILTER		1	£4.75
GP200		CARB GASKET SET		2	£4.00
509966		ACC PUMP DIAPHRAGM	SOLEX	2	£3.00
510860		RUBBER SEAL - TO FILTER BOX	HERALD 1200	1	£2.50
GFE1015		AIR FILTER		1	£4.95
PF101		PANCAKE TYPE AIR FILTER		1	£7.50
1	510750	TOP GASKET	HERALD 1200	1	£1.00
	513728	CARB GASKET SET		1	£5.25
	ZSK2	CARB SERVICE KIT		1	£19.50
	ZRK8	REPAIR KIT WITH SPINDLE BUTTERFLY & ZSK2	B30 TYPE	1	£25.00
2	509956	NEEDLE VALVE	HERALD 1200	1	£7.85
3	515939	FLOAT ASSY.		1	£6.40
4	512642	SPINDLE ASSY.		1	£5.70
5	510710	THROTTLE DISC	HERALD 1200	1	£6.00
6	B17446	AC PUMP DIAPHRAGM KIT		1	£6.20

WORLDWIDE MAIL ORDER SERVICE

e-mail:john@johnkippling.demon.co.uk

<http://www.kipping.co.uk>

PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE	S/CHARG
RECONDITIONED EXCHANGE STROMBERGS					
214579R	HERALD 13/60		1	£65.00	£25.00
212104R	FRONT CARB VIT 6		1	£65.00	£25.00
212105R	REAR CARB VIT 6		1	£65.00	£25.00
213502R	FRONT CARB VIT I / GT6 I		1	£65.00	£25.00
213503R	REAR CARB VIT I / GT6 I		1	£65.00	£25.00
309005R	FRONT CARB VIT II / GT6 II		1	£65.00	£25.00
309006R	REAR CARB VIT II / GT6 II		1	£65.00	£25.00
311826R	FRONT CARB GT6 III TO KE 10000		1	£85.00	£25.00
311827R	REAR CARB GT6 III TO KE 10000		1	£85.00	£25.00
312267R	FRONT CARB GT6 III FROM KE 10000		1	£85.00	£25.00
312268R	REAR CARB GT6 III FROM KE 10000		1	£85.00	£25.00

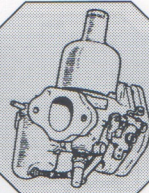
STROMBERG SERVICE KIT INCLUDES O RINGS, FLOAT VALVE, DIAPHRAGM, JET.

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
CDSK1		SERVICE KIT HERALD 13/60/VIT 6, I/GT6 I		1/2	£14.00
CDSK11		SERVICE KIT VIT II/GT6 II		2	£15.00
CDSK7		SERVICE KIT GT6 III		2	£22.00

REPAIR KIT INCLUDES GASKETS, O RINGS, FLOAT VALVE(S), DIAPHRAGM(S), SPINDLE(S), BUTTERFLY(S), JET(S).

CDRK15	REPAIR KIT	HERALD 13/60		1	£17.00
CDRK10	REPAIR KIT	VIT 6 I/GT6 I	SERVICE 1 CAR	1	£32.50
CDRK11	REPAIR KIT	VIT II/GT6 II		1	£35.00
CDRK8	REPAIR KIT	GT6 III		1	£52.00
GP59	GASKET KIT & O RINGS, HERALD 13/60/VIT 6, I/GT6 I			1/2	£5.00
GP235	GASKET KIT & O RINGS VIT II/GT6 II			2	£6.75
7	517448	DIAPHRAGM		1/2	£2.00
8	512274	SCREW CARB TOP		4/8	0.50
9	515112	DAMPER		1/2	£10.75

CARBURETTORS & AIR FILTERS



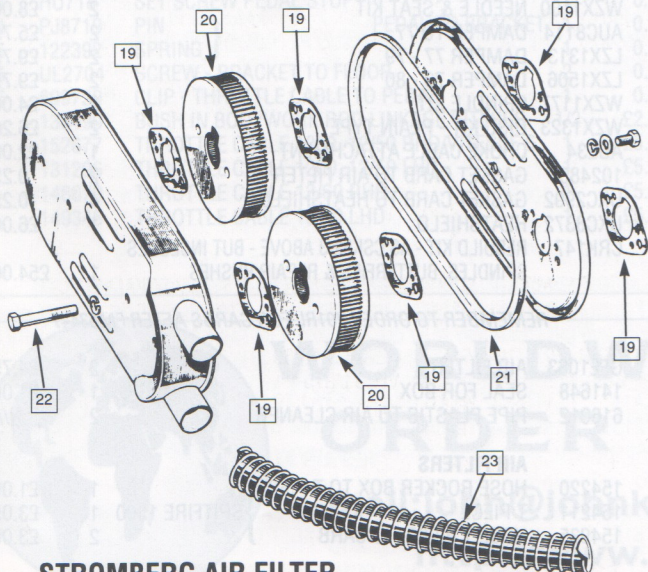
CARBURETTORS / FILTERS

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
10	513689	DISC BUTTERFLY		1/2	£3.45
11	516952	SCREW FOR BUTTERFLY		2/4	0.30
12	514964	SPINDLE HERALD 13/60		1	£7.50
	514964	SPINDLE REAR	VITESSE 6, I	1	£7.50
	513684	SPINDLE FRONT	GT6 I	1	£5.00
	513717	SPINDLE	VIT II/GT6 II	2	£5.00
	520015	SPINDLE REAR	GT6 III	1	£11.00
	513717	SPINDLE FRONT		1	£5.00
13	517453	NEEDLE VALVE		1/2	£7.50
14	515721	FLOAT ASSY. HERALD 13/60/VIT 6 I/GT6 I		1/2	N/A
	516977	FLOAT ASSY. VIT II/GT6 II, III		2	N/A
15	6E	METERING NEEDLE HERALD 13/60		1	£7.50
	7B	METERING NEEDLE VITESSE 6		2	£7.50
	6J	METERING NEEDLE VIT I/GT6 I		2	£7.50
	6AC	METERING NEEDLE VIT II/GT6 II		2	£7.50
16	513700	JET HERALD 13/60/VIT/GT6 I, II		1/2	£3.90
	B5BT	METERING NEEDLE	GT6 III TO KE10000	1	£15.00
	B19524/90	JET		2	£8.30
	B5CF	METERING NEEDLE	GT6 III	2	£15.00
	B19524/90	JET	FROM KE10001	2	£8.30
17	137881	GASKET	CARB TO HER 13/60/VITESSE	2/4	0.25
18	137882	INSULATOR	MANIFOLD GT6 I, II	1/2	£2.50
	UKC490	INSULATOR	CARB TO MANIFOLD GT6 III	2	£2.50
	154213	HOSE ROCKER BOX TO T PIECE	GT6 III	1	£1.00
	154211	T PIECE	FROM	1	£3.05
	154216	HOSE T PIECE TO REAR CARB	KE10000	1	£3.00
	152855	HOSE T PIECE TO FRONT CARB		1	£3.00
AIR FILTER DETAILS					
19	148006	GASKET	CARB TO AIR CLEANERS	2/4	0.25
	GFE1015	AIR FILTER		1	£4.95
	PF107	PANCAKE TYPE AIR FILTER		1	£7.50
	142990	PIPE ROCKER BOX TO FILTR BOX	HERALD 13/60	1	£3.00
	517051	BOLT FILTER BOX		2	N/A
	144115	SEAL BOLT		2	N/A
20	GFE1051	AIR FILTER	VITESSE	2	£5.25
	PF107	PANCAKE TYPE AIR FILTER	AND	2	£7.50
21	141648	SEAL AIR FILTER BOX	GT6	1	£1.00
	HB818	BOLT AIR CLEANER BOX TO CARBS		4	0.25
		VIT 6, I/GT6 I			
22	HB867	BOLT AIR CLEANER BOX TO CARBS	VITESSE II/	4	0.50
23	616012	PIPE - PLASTIC TO AIR CLEANER	GT6 II, III	2	N/A

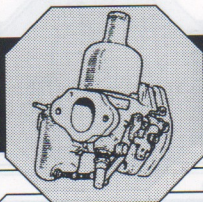
SU CARBURETTORS

PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE	S/CHARG
SU EXCHANGE REBUILT CARBS WITH LINKAGE & INLET MANIFOLD NO NEEDLES (SEE BELOW)					
AUC983TR	SPITFIRE I/II		1	£150.00	£50.00
AUD275TR	SPITFIRE III		1	£150.00	£50.00
AUD517TR	SPITFIRE IV EARLY		1	£150.00	£50.00
AUD580TR	SPITFIRE IV (1973)		1	£150.00	£50.00
AUD624TR	SPITFIRE IV LATE		1	£150.00	£50.00
AUD665TR	SPITFIRE 1500 EARLY		1	£150.00	£50.00
FZX1122TR	SPITFIRE 1500 77 - 79		1	£160.00	£50.00
FZX1327TR	SPITFIRE 1500 79 - 80		1	£160.00	£50.00
NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
SU CARBS - 948 TC					
	GV	NEEDLE		2	£7.00
	AUC8182	JET		2	£7.50
	WZX1101	NEEDLE & SEAT		2	£10.00
	AUC1045	SPINDLE		2	£11.00
	AUC2103	DISC		2	£8.50
	CSK40	SERVICE KIT PER CARBURETTOR		2	£24.50
	CRK226	REPAIR KIT INC. SPINDLES & BUTTERFLYS		2	£43.00
SU CARBS - SPITFIRE I, II, III, IV - USA TO 67 ONLY					
24	AN	NEEDLE SPITFIRE I, II		2	£6.50
	BO	NEEDLE SPITFIRE III		2	£6.50
	AAN	NEEDLE SPITFIRE IV (BASED)		2	£7.40
25	WZX1442	JET BEARING KIT		2	£10.50
	AUD9104	JET FRONT		1	£13.35
26	AUD9103	JET REAR		1	£13.35
	AUD2179	ADAPTOR FRONT		1	£4.50
27	AUD2178	ADAPTOR REAR		1	£1.40
28	WZX1300	FLOAT KIT		2	£10.00
29	WZX1100	NEEDLE & SEAT KIT		2	£6.50
30	AUC8114	DAMPER		2	£5.75
31	WZX1310	THROTTLE SPINDLE KIT		2	£7.00
	AUD3079	REPAIR BUSH - REAM BODY TO 8MM	A/R		£3.00
32	WZX1320	THROTTLE DISC KIT - PLAIN TYPE		2	£6.00
	130415	GASKET - CARB TO AIR FILTER		2	0.25
33	134936	SPACER - CARB TO MANIFOLD SPIT I, II, III, IV TO FH25000		2	£2.50
	UKC8372HS2	HEATSHIELD		1	£7.00
	157068	GASKET - CARB TO MANIFOLD SPIT IV FROM FH2500		2	0.25
	AUE34	CHOKE CABLE ATTACHMENT		1	£2.00
	CSK60	CARB SERVICE KIT - 2 CARBS		1	£30.20
		INCLUDES JETS & FLOAT NEEDLE VALVE			
	CRK115	CARB REBUILD KIT (2 CARBS)		1	£54.00
		AS SERVICE KIT CSK60 PLUS SPINDLES, BUTTERFLIES & REPAIR BUSHES			
	216924	HOSE ROCKER BOX TO T PIECE		1	£3.00
	156605	T PIECE	SPITFIRE IV	1	£3.50
	153138	HOSE T PIECE TO CARB		2	0.50
AIR FILTER					
	GFE1037	AIR FILTER		2	£4.75
	PF101	PANCAKE TYPE AIR FILTER		2	£7.50
	141648	SEAL FOR BOX		1	£1.00

FOR DIAGRAM
OF ABOVE
PLEASE SEE OVER



STROMBERG AIR FILTER

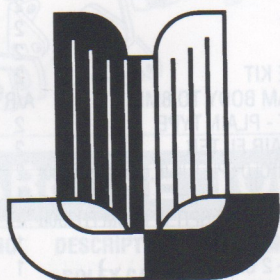


CARBURETTORS & AIR FILTERS

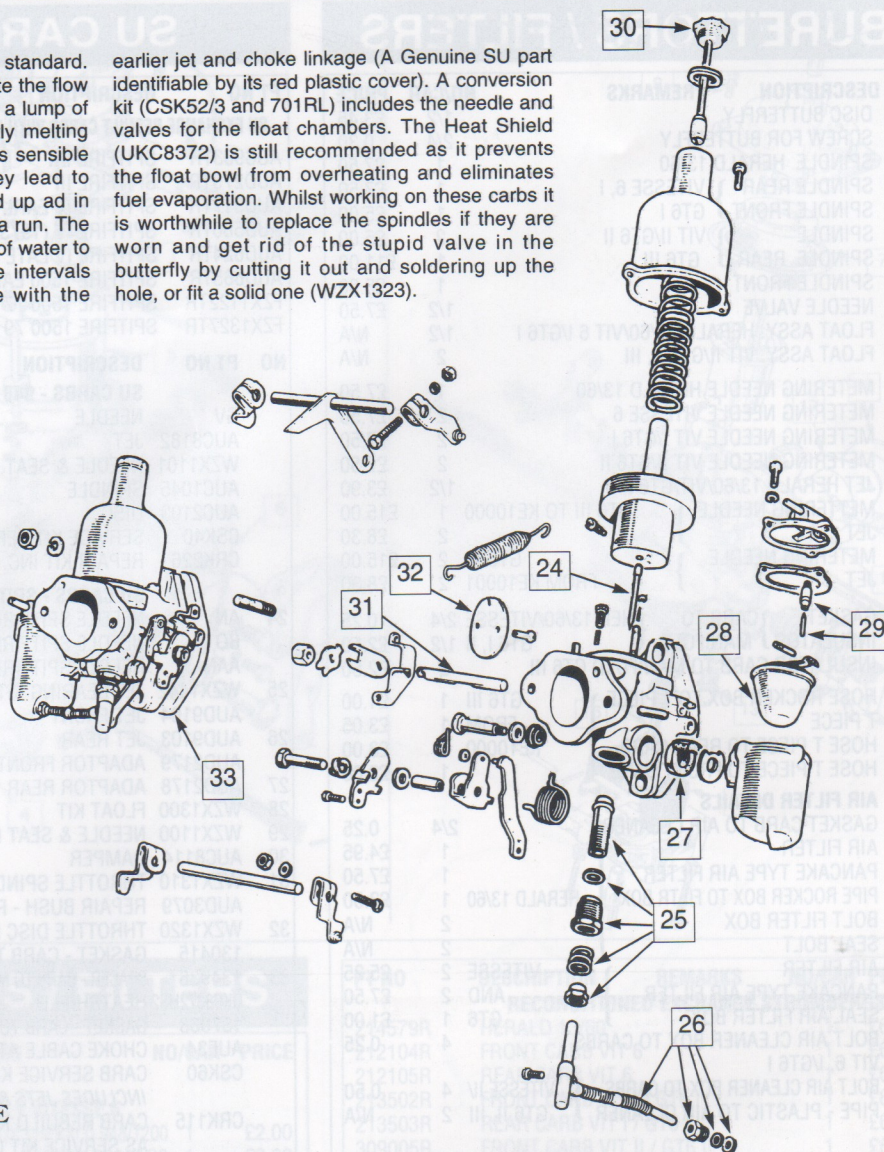
★ From 1976 Waxstat jets were fitted as standard. In theory, they were supposed to regulate the flow of petrol into the carbs by the melting of a lump of wax but the idea of a lump of wax gently melting next to the exhaust manifold is about as sensible as getting a sun tan on Mercury. They lead to misfiring when the engine gets warmed up and in severe cases stop the car starting after a run. The solution is either to travel with a bucket of water to pour over the carbs at regular 20 mile intervals **OR** to file them in a bin and replace with the

earlier jet and choke linkage (A Genuine SU part identifiable by its red plastic cover). A conversion kit (CSK52/3 and 701RL) includes the needle and valves for the float chambers. The Heat Shield (UKC8372) is still recommended as it prevents the float bowl from overheating and eliminates fuel evaporation. Whilst working on these carbs it is worthwhile to replace the spindles if they are worn and get rid of the stupid valve in the butterfly by cutting it out and soldering up the hole, or fit a solid one (WZX1323).

SU Carbs Spitfires



BRITISH MOTOR HERITAGE
APPROVED



CARBURETTORS / FILTERS

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
SU CARBS - SPITFIRE 1500 NOT USA					
24	ABT	NEEDLE - TO FM 105278		2	£7.00
	ADN	NEEDLE - FROM FM105279		2	£7.00
25	WZX1442	JET BEARING KIT TO FM53446		2	£10.50
	WZX1443	JET BEARING KIT FROM FM53447		2	£10.00
	AUD9451	JET FRONT } - TO FM53446		1	£13.45
26	AUD9450	JET REAR }		1	£13.45
	CSK52/3	SERVICE KIT }		1	£39.50
	LZX1323★	WAXSTAT JET FRONT }	NOT STOCKED	1	£31.00
	LZX1322★	WAXSTAT JET REAR }	FROM FM53446	1	£31.00
★ THESE ARE SIMPLY SO BAD GIVING POOR RUNNING WHEN HOT, UNEVEN IDLING REFUSAL TO START WHEN HOT, THAT IS WHY WE DO NOT SELL THEM - SEE BELOW.					
CSK52/3	SERVICE KIT WITH JETS & FLOAT		FROM FM53447	1	£39.50
	NEEDLE VALVES				
	701RL	CONVERSION KIT TO STANDARD JETS		1	£11.00
27	AUD2179	ADAPTOR FRONT		1	£4.50
	AUD2178	ADAPTOR REAR		1	£1.40
28	WZX1300	FLOAT KIT		2	£10.00

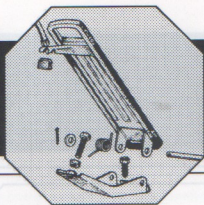
NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
29	WZX1100	NEEDLE & SEAT KIT		2	£8.00
30	AUC8114	DAMPER TO 77		2	£5.75
	LZX1313	DAMPER 77 - 79		2	£9.75
	LZX1506	DAMPER 79 - 80		2	£9.75
31	WZX1177	SPINDLE KIT		2	£4.00
32	WZX1323	DISC KIT - PLAIN TYPE		2	£6.20
	AUE34	CHOKE CABLE ATTACHMENT		1	£2.00
	102488	GASKET CARB TO AIR FILTER		2	0.25
	UKC2992	GASKET CARB TO HEATSHIELD		4	0.25
	UKC8372	HEATSHIELD		1	£6.00
	CRK147	REBUILD KIT - AS CSK52/3 ABOVE - BUT INCLUDES SPINDLES, BUTTERFLIES & REPAIR BUSHES		1	£54.00

REMEMBER TO ORDER 701RL FOR CARBS AFTER FM53447

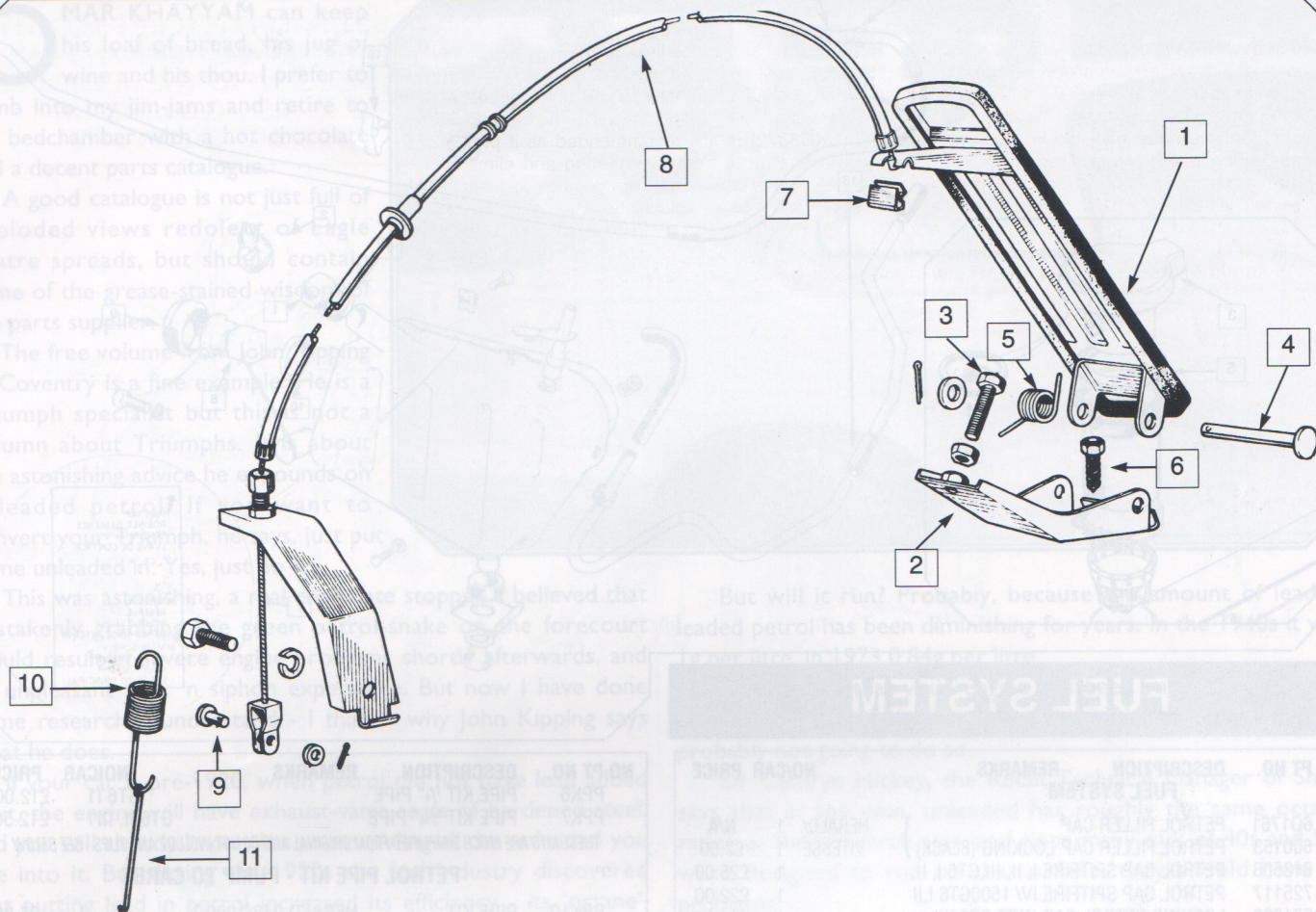
GFE1063	AIR FILTER	2	£4.75
141648	SEAL FOR BOX	1	£1.00
616012	PIPE PLASTIC TO AIR CLEANER	2	N/A

AIR FILTERS

154220	HOSE ROCKER BOX TO T PIECE	1	£1.00
154211	T PIECE	1	£3.05
154935	HOSE T PIECE TO CARB	2	£3.00



ACCELERATOR CONTROL



ACCELERATOR

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
ACCELERATOR CONTROL - HERALD 1200, 13/60, VITESSE					
1	137247	ACCELERATOR PEDAL RHS	CABLE LINKAGE	1	N/A
	126587	ACCELERATOR PEDAL LHS		1	N/A
2	147655	BRACKET ACCELERATOR MOUNT		1	£8.00
3	HU718	SET SCREW PEDAL STOP	PEDAL TO BRACKET	1	0.35
4	PJ8719	PIN		1	0.50
5	122392	SPRING		1	0.50
6	UL2704	SCREW - BRACKET TO FLOOR		2	0.25
7	609729	CLIP - THROTTLE CABLE TO PEDAL		1	0.20
	138490	BUSH IN BODYWORK ROD LINKAGE	VITESSE	1/2	£2.25
	152677	THROTTLE CABLE 1200, 12/50 RHD/VITESSE 6		1	£5.00
	131296	THROTTLE CABLE 1200, 12/50 LHD		1	£5.00
	148679	THROTTLE CABLE 13/60 RHD		1	£5.00
	149345	THROTTLE CABLE 13/60 LHD		1	£5.00

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
8	147388	THROTTLE CABLE	VITESSE I, II RHD	1	£5.00
	147389	THROTTLE CABLE	VITESSE I, II LHD	1	£5.00
	131368	SPRING RETURN CABLE TO ROD	HERALD	1	£1.50
9	PJ8504	PIN CABLE TO CARB	VITESSE	1	0.25
10	136835	SPRING THROTTLE RETURN			N/A
11	147131	LINK FOR SPRING - HOOK UNDER SUMP EDGE	VIT I, II	1	0.50
	138490	BUSH IN BODYWORK - ROD LINKAGE		1/2	£2.25
	149435	THROTTLE OPERATING LINK ROD ASSY.		1	N/A
SPITFIRE I, II, III, GT6 I, II					
	156342	THROTTLE CABLE	RHD	1	£5.00
	156346	THROTTLE CABLE	LHD	1	£5.00
	PJ8504	PIN CABLE TO CARBS		1	0.25
	145197	RETURN SPRING - CARBS TO MANIFOLD TO FM53446		2	£1.50
	153041	CLIP - CABLE TO PEDAL		1	0.30
	153957	CLIP FOR LINK-ROD ON CARBS		2	0.50
GT6 III					
	156353	THROTTLE CABLE		1	£5.00
	153041	CLIP CABLE TO PEDAL		1	0.30



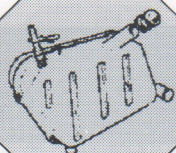
WORLDWIDE MAIL ORDER SERVICE

e-mail: john@johnkippling.demon.co.uk

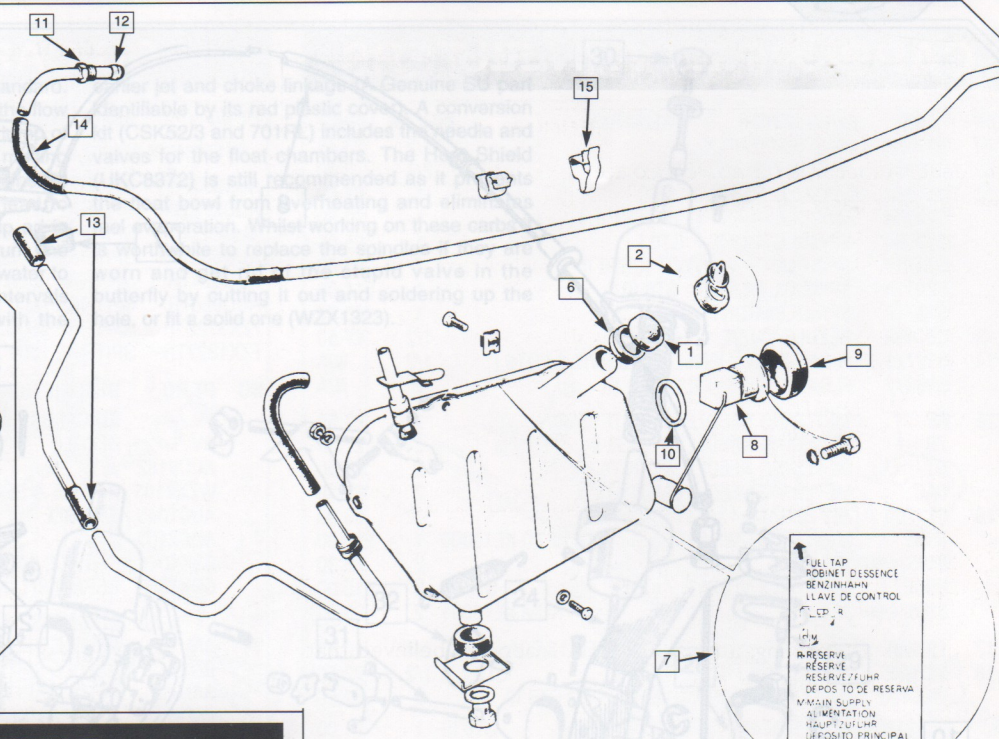
<http://www.kippling.co.uk>



BRITISH MOTOR HERITAGE
APPROVED



FUEL SYSTEM



FUEL SYSTEM

NO	PT NO.	DESCRIPTION	REMARKS	NO/CAR	PRICE
FUEL SYSTEM					
1	601761	PETROL FILLER CAP	HERALD/ VITESSE	1	N/A
2	600153	PETROL FILLER CAP LOCKING (BLACK)		1	£7.00
3	613506	PETROL CAP SPITFIRE I, II, III, GT6 I, II.		1	£25.00
	725117	PETROL CAP SPITFIRE IV/ 1500GT6 I, II		1	£22.00
	571086	LOCKING PETROL CAP (NOT GT6 III)		1	£14.00
	718750	PETROL FILLER CAP	GT6 III	1	£65.00
	519352	LOCK BARREL		1	£9.35
4	725220	SEAL FOR CAP	SPITFIRE / GT6 II III	1	£3.75
5	650247	GROMMET FOR NECK	SPITFIRE / GT6	1	£3.50
6	601661	GROMMET FOR NECK	HERALD/VITESSE	1	£4.50

PETROL TANKS - NONE AVAILABLE

7	125061	RESERVE INSTRU.C LABEL	{ HER/VIT SALOON COUPE/CONVERTIBLE	1	£2.50
	205303	TANK SENDER UNIT★		{ HER/VIT SALOON COUPE/CONVERTIBLE	1
		★NOT VOLTAGE STABILISED TO APPROX. 1965			
	8213411	TANK SENDER UNIT	HER/VIT SALOON/CONV.	1	£25.00
		6 SCREW FITTING	66-69 APPROX		
	215846	TANK SENDER UNIT	HER/VIT SAL/CONV.	1	£22.00
		LOCKING RING TYPE - 1969 ON			
9	123286	COVER TANK SENDER	HER/VIT SAL/COUPE/CONV.	1	£6.00
	TKC2053	TANK SENDER UNIT	SPITFIRE	1	£23.00
	307474	TANK SENDER UNIT	GT6	1	£22.00
10	110777	GASKET FOR ALL 6 SCREW SENDER UNIT	{ HER/VIT ONLY	1	0.50
	PX504	SCREW		1	0.20
	WF505	WASHER FOR SCREW		1	0.20
	ARA1502	SEALING RING	{ FOR ALL LOCKING RING SENDER UNITS	1	0.50
	ARA1501	LOCKING RING		1	£1.50

PETROL PIPE KITS IN CUPRO NICKEL - NO CLIPS,

TANK TO PUMP WITH UNIONS AND RUBBER CONNECTORS

PPK1	PIPE KIT 1/4" PIPE	HERALD/VITESSE 6,	1	£12.00
PPK2	PIPE KIT 5/16" PIPE	VITESSE II	1	£13.50
PPK3	PIPE KIT 1/4" PIPE	SPIT I, II, III	1	£12.00
PPK4	PIPE KIT 1/4" PIPE	SPITFIRE IV, 1500	1	£11.00
	BOTTOM TANK FEED			
PPK5	PIPE KIT 1/4" PIPE TOP TANK FEED	SPITFIRE 1500	1	£9.00

NO	PT NO.	DESCRIPTION	REMARKS	NOICAR	PRICE
	PPK6	PIPE KIT 1/4" PIPE		GT6 I I	£12.00
	PPK7	PIPE KIT 5/16" PIPE		GT6 II, III I	£12.50

THESE KITS ARE MUCH SIMPLIFIED FROM ORIGINAL AND DO NOT INCLUDE ANY CLIPS - SEE BELOW

PETROL PIPE KIT - PUMP TO CARBS

PPK10	PIPE KIT	HERALD 948/1200	}	1	£6.00
PPK11	PIPE KIT	HERALD 13/60		1	£4.25
PPK12	PIPE KIT PUMP TO T PIECE	}	STROMBERG CARBS	1	£4.25
138386	T PIECE ASSY.			VITESSE / GT6	1

ITEMS AVAILABLE SEPARATELY

11	60176	PIPE NUT	FOR 1/4" PIPE	A/R	£1.40
12	TL7	OLIVE		A/R	0.25
13	125170	RUBBER CONNECTOR 3"		A/R	0.30
14	122796	RUBBER CONNECTOR 8"	NOT VIT II/GT6 II III	A/R	0.75
	60142	PIPE NUT		A/R	£1.40
	TL8	OLIVE	FOR 5/16" PIPE	A/R	0.25
	144938	RUBBER CONNECTOR 3"	VIT II/GT6 II, III	A/R	0.30
	149610	RUBBER CONNECTOR 8"	TANK TO PUMP	A/R	0.75
15	59191	METAL CLIP INTO CHASSIS PETROL/BRAKE PIPE	A/R	0.35	
	623314	PLASTIC CLIP - PETROL BRAKE PIPE	HER/SPIT		
			VIT 6 I/GT6 I	A/R	0.60
	624155	PLASTIC CLIP - PETROL BRAKE PIPE	VIT II/GT6 II	A/R	0.50

PETROL PUMPS

208493	SCREW IN CONNECTIONS	HERALD/			
	GOOD QUALITY REPRODUCTION	SPITFIRE I, II, III, IV	1	£26.00	
RKC1624	FUEL PUMP PUSH ON CONNECTIONS	SPITFIRE			
	GOOD QUALITY REPRODUCTION	IV, 1500	1	£29.00	

SPITFIRE 1500 HAD TWO TYPES OF PUMP FITTED (CHANGE AT FM93157) EARLY CARS GASKET ONLY TO CYLINDER BLOCK LATER CARS 13 MM SPACER BLOCK. REPRO PUMPS OF THE LATE TYPE HAVE PROVED VERY UNSATISFACTORY SO WE CAN ONLY SUPPLY THE EARLY TYPE FOR A CAR FITTED WITH A SPACER. REPLACE STUDS WITH PT NO 101962 x 2 AND DISCARD SPACER.

A18	VITESSE 6, I TO HC4500	GT6 I TO KC5000 (REPRO)	1	N/A
213577	VITESSE I	GT6 FROM 1966 (AS ORIGINAL)	1	£26.00

REPAIR KITS

506423	PUMP KIT SCREW IN	HERALD/SPITFIRE	OE	1	£8.00
516542	CONNECTIONS TYPE		ONLY	1	£8.00
	PUMP KIT	VITESSE/GT6			

IDENTIFY ORIGINAL PUMPS BY THE AC DELCO MARKS!

A LITTLE LEAD GOES A LONG WAY

OMAR KHAYYAM can keep his loaf of bread, his jug of wine and his thou. I prefer to climb into my jim-jams and retire to my bedchamber with a hot chocolate and a decent parts catalogue.

A good catalogue is not just full of exploded views redolent of Eagle centre spreads, but should contain some of the grease-stained wisdom of the parts supplier.

The free volume from John Kipping of Coventry is a fine example. He is a Triumph specialist but this is not a column about Triumphs. It is about the astonishing advice he expounds on unleaded petrol. If you want to convert your Triumph, he says, just put some unleaded in. Yes, just do it.

This was astonishing, a real chocolate stopper. I believed that mistakenly grabbing the green petrol-snake on the forecourt would result in severe engine problems shortly afterwards, and an unpleasant suck 'n siphon experience. But now I have done some research, I understand - I think - why John Kipping says what he does.

If your car is pre-1920, when petrol did not have lead added to it, the engine will have exhaust-valve seats of hardened steel, and you will already know that you can sling all the unleaded you like into it. But during the 1920s the fuel industry discovered that putting lead in petrol increased its efficiency - its 'octane'. The lead also laid down a tough deposit on the exhaust valve seats, so that their pals the motor industry could save money by making the seats out of softer steel. This practice has continued until the recent change back to unleaded.

So if your car is pre-1920, you must be careful. But you CAN put unleaded into it, just not all the time. If you always put unleaded into it there are two possible consequences. One, the engine will start to pink because the octane is reduced. Two, your unprotected valve seats will be ruined in a very short time, and you will have to buy a new cylinder head, which will not be very pleasant.

However, the amount of lead needed in petrol to lay down the deposit is very small. Peter Sloan, an expert from the Petrol Industry Association, says 0.05 grams per litre would be enough.

The minimum amount of lead legally required in four-star is now 0.05g per litre, the maximum 0.15g per litre. But you are unlikely to encounter less than 0.14g per litre on the forecourt, for the simple reason that adding the maximum amount means the petrol is cheaper to make. So every time you fill up with four-star you are giving your engine about three times the amount of lead it needs for PROTECTIVE DEPOSIT PURPOSES.

The good news is that the gummy deposits - which are halides and oxides, if you really want to know - do not disappear as soon as you lay them down. They stick around for another three of four tankfuls. So it makes sense that if you make every third tankful leaded, and the others unleaded, your beloved lump will have enough lead to keep the valve seats in trim.



But will it run? Probably, because the amount of lead in leaded petrol has been diminishing for years. In the 1940s it was 1g per litre, in 1973 0.84g per litre.

That means that your engine has been running on steadily reducing amounts of lead for some time, if it has pinked not, it is probably not going to do so.

Dr Cathryn Hickey, the Retail Technical Manager of Shell, says that in any case, unleaded has roughly the same octane rating as the old three star, and since many cars of 40s and 50s were designed to run on that octane, they should have no problems.

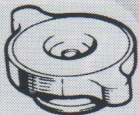
And four-star at 97 octane is now only two octane ratings higher than unleaded. Since there are 100 octane ratings - from hexane rated 0, which is absolute rubbish as a motor fuel, to iso-octane, which is rated 100 and would send your car into orbit if you get some - the difference is only slight and there should not be huge difference in engine performances as a result.

If, however, you do experience pinking problems, try using the new "super" unleaded, which has an octane rating higher than four star. You must still, however, give it a regular dose of leaded. Or try a mix of half leaded/half unleaded.

The Kipping philosophy clearly goes further. According to Fiona Kipping, whose mechanical knowledge rivals her husbands, the deposits on the exhaust valves of a Herald, Vitesse, GT6 or Spitfire which has done 50,000 or 60,000 miles, are sufficiently deep and hard to allow you to use unleaded with impunity.

Their Herald estates have had this treatment, and after some 30,000 unleaded miles they have not experienced problems. She stresses, however, that she will not vouch for this advice for other cars. You are probably better to play it safe and give it a squirt of filthy pollution every now and again.

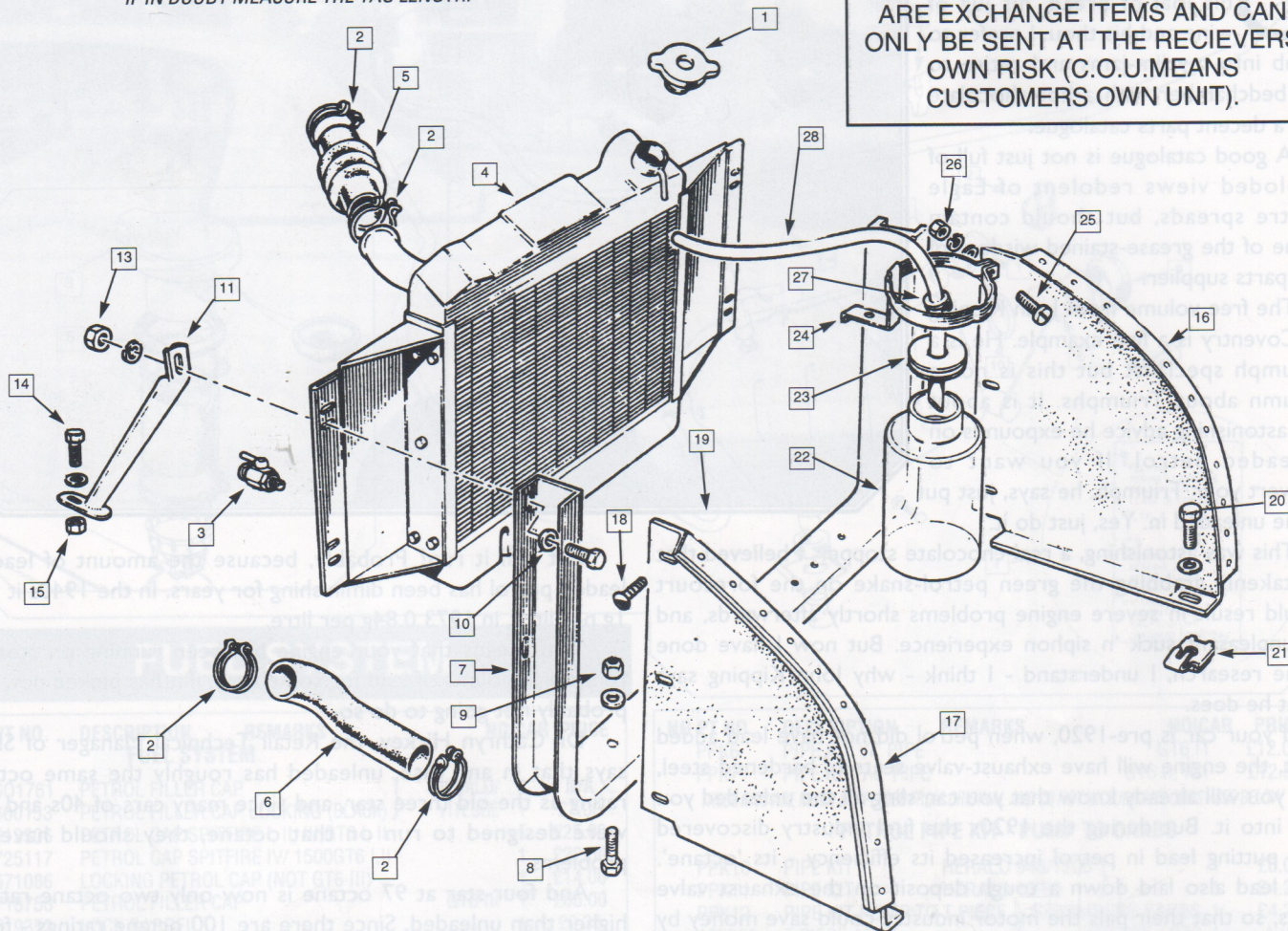
But soon you may not be able to. In Canada leaded petrol has been banned altogether. There are moves to do the same in Austria and, with the green gale blowing through Europe and the number of cars requiring leaded shrinking by the say, there will come a time when the same happens here.



RADIATOR & MOUNTS

ORIGINALLY THE CHANGE FROM 7LBS TO 13LBS WAS MADE IN 1969 -
IF IN DOUBT MEASURE THE TAG LENGTH.

ALL RADIATORS (EXCEPT RKC2117)
ARE EXCHANGE ITEMS AND CAN
ONLY BE SENT AT THE RECIEVERS
OWN RISK (C.O.U.MEANS
CUSTOMERS OWN UNIT).



RADIATOR & MOUNTS

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
1	GRC112	RADIATOR CAP 7LBS PRESSURE	11MM LONG TAGS	1	£2.50
	GRC180	RADIATOR CAP 13LBS PRESSURE	17MM LONG TAGS	1	£2.50
ORIGINALLY THE CHANGE FROM 7LBS TO 13LBS WAS MADE IN 1969 - IF IN DOUBT MEASURE THE TAG LENGTH.					
2	CS4025	CLIP FOR RADIATOR HOSE	WIRE TYPE	4	0.65
	GHC913	CLIP FOR RADIATOR HOSE	BAND TYPE	4	0.45
3	132565	RADIATOR DRAIN TAP IF FITTED	ALTERNATIVE	1	£4.00
	129077	DRAIN BOLT		1	£2.50

HERALD RADIATOR

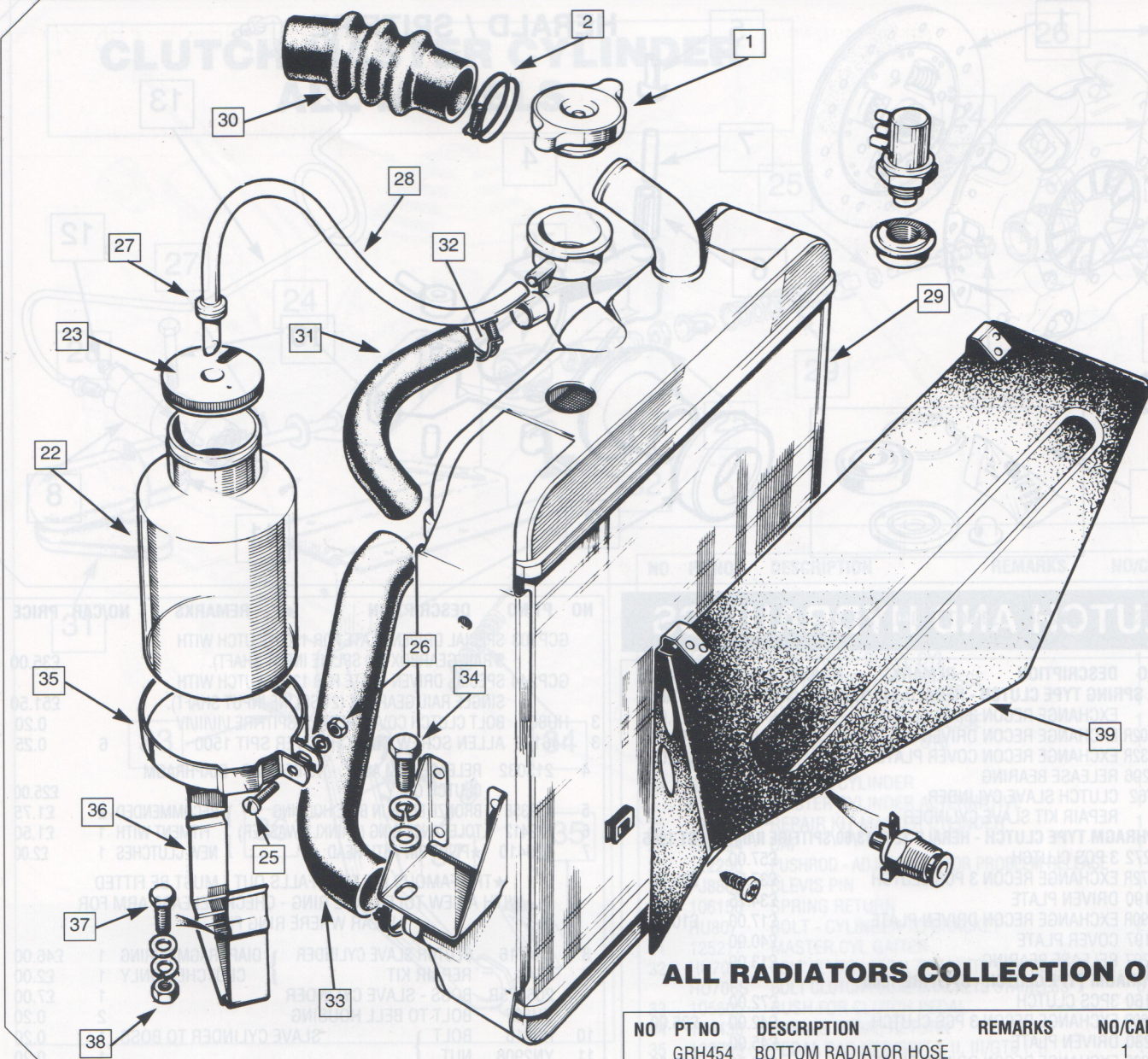
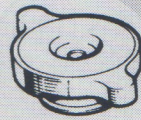
NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE	S/CHARG
4	303486R	RADIATOR 21" EXCHANGE, HERALD 948		1	£85.00	COU
	305340R	RADIATOR 21" EXCHANGE, HER 1200, 13/60		1	£85.00	£25.00
	305667R	RADIATOR 15" EXCHANGE		1	£79.00	£25.00
	RKC2117X	RADIATOR 21" NEW OUTRIGHT		1	£98.00	
	RKC2117	RADIATOR 21" NEW OUTRIGHT BOXED		1	£105.00	

HERALD RADIATOR MOUNT

HU706	BOLT	4	0.20
HN2007	NUT	4	0.20
GRH533	TOP HOSE	1	£6.80
GRH533Z	REPRO GRH533	1	£3.00
GRH532	BOTTOM HOSE	1	£6.00
GRH532Z	REPRO GRH532	1	£3.00
121311	OVERFLOW PIPE	1	£2.00

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
SPITFIRE RADIATOR					
305897R		EXCHANGE RADIATOR, HEADER TANK TYPE SPIT I		1	£85.00
402823		C.O.U. COLLECTION ONLY			
		RADIATOR 15" NOT SUPPLIED DUE TO			
		INHERENT DESIGN FAULTS - USE RKC2117X		1	
RKC2117		RADIATOR FOR ALL MODELS, FULL WIDTH			
		TYPE, NO EXCHANGE.		1	£98.00
RKC2117		RADIATOR 21" BOXED		1	£105.00
5GRH533		TOP HOSE		1	£6.80
6	GRH533Z	REPRO GRH533		1	£3.00
	GRH532	BOTTOM HOSE		1	£6.00
	GRH532Z	REPRO GRH532		1	£3.00
7	TKC1761	CRADLE ASSY. RAD MOUNT		1	N/A
8	HU807	BOLT CRADLE TO CHASSIS		2	0.20
9	YN2907	NYLOC NUT FOR BOLT		2	0.20
	209749S	ROD STAY RH STAINLESS		1	£9.75
11	209750S	ROD STAY LH STAINLESS		1	£9.75
12	HU706	BOLT RADIATOR MOUNT		4	0.20
13	HN2007	NUT RADIATOR MOUNT		1	0.20
14	HU908	BOLT STAY TO SUSPENSION BRACKET		2	0.25
15	HN2009	NUT STAY TO SUSPENSION BRACKET		2	0.20
16	706844	BOARD AIR DEFLECTOR RH		1	£8.00
17	706843	BOARD AIR DEFLECTOR LH		1	£8.00
18	PX505	SCREW	AIR DEFLECTORS TO	6	0.20
19	YN2905	NYLOC NUT	CRADLE ASSEMBLY	6	0.20
20	HU706	BOLT	AIR DEFLECTORS	4	0.20
21	FQ3405	RETAINER NUT	TO CHASSIS	4	0.90

RADIATOR & MOUNTS



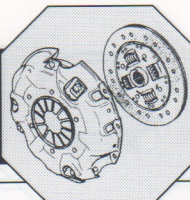
ALL RADIATORS COLLECTION ONLY

RADIATOR & MOUNTS

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
SPITFIRE, VITESSE & GT6					
22	137632	RAD OVERFLOW BOTTLE		1	£9.00
23	137743	CAP OVERFLOW BOTTLE		1	£1.45
24	142804	BRACKET OVERFLOW BOTTLE SPITFIRE ONLY		1	£7.05
25	PT508	BOLT BOTTLE TO BRACKET		1	0.30
26	HN2005	NUT		1	0.20
27	630661	GROMMET THROUGH LID		1	0.25
28	121311	PIPE OVERFLOW		1	£2.00

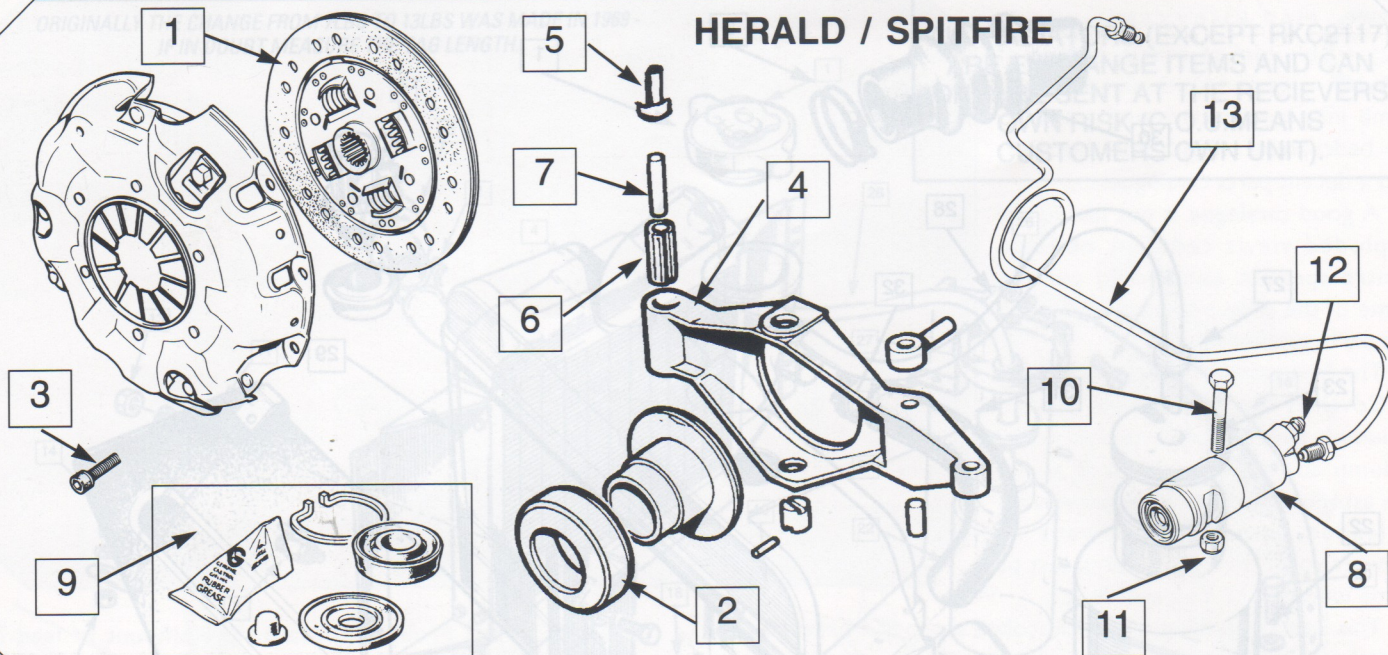
NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE	S/CHARG
VITESSE ONLY						
	305306R	RADIATOR - VIT 6 WITH HEADER TANK		1	£102.00	COU
	307125R	RADIATOR ASSEMBLY		1	£102.00	£50.00
	GRH263	TOP RADIATOR HOSE		1	N/A	
	GRH263Z	REPRO GRH263		1	£4.50	

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
	GRH454	BOTTOM RADIATOR HOSE		1	£10.45
	GRH454Z	REPRO GRH454		1	£4.50
	HN2007	NUT - RAD TO VALANCE		2	0.20
	608836	RAD MOUNT PAD		4	0.25
	HB910	BOLT RAD MOUNT		2	0.20
	YN2909	NUT		2	0.20
	212146	BRACKET RAD OVERFLOW BOTTLE		1	N/A
	HU708	BOLT		2	0.20
	HN2008	NUT		2	0.20
GT6 ONLY					
29	311873R	RADIATOR ASSY.	COU	1	£102.00
30	GRH533	TOP HOSE		1	£6.80
	GRH533Z	REPRO GRH533		1	£3.00
31	GRH553	EXTRA TOP HOSE (BLEED)		1	N/A
	GRH553Z	REPRO GRH553		1	£3.30
32	GHC709	CLIP FOR BLEED HOSE		2	0.45
33	GRH513	BOTTOM RAD HOSE		1	£10.45
	GRH513Z	REPRO GRH513		1	£4.50
34	HU805	BOLT - RAD MOUNT		4	0.20
35	713544	STRAP & MTG BRACKET FOR OVERFLOW BOTTLE		1	£6.75
37	HU704	BOLT BRACKET TO CHASSIS		2	0.25
38	HN2007	NUT		2	0.20
39	818879	RADIATOR COWL ASSY.		1	£11.00



CLUTCH & HYDRAULICS

HERALD / SPITFIRE

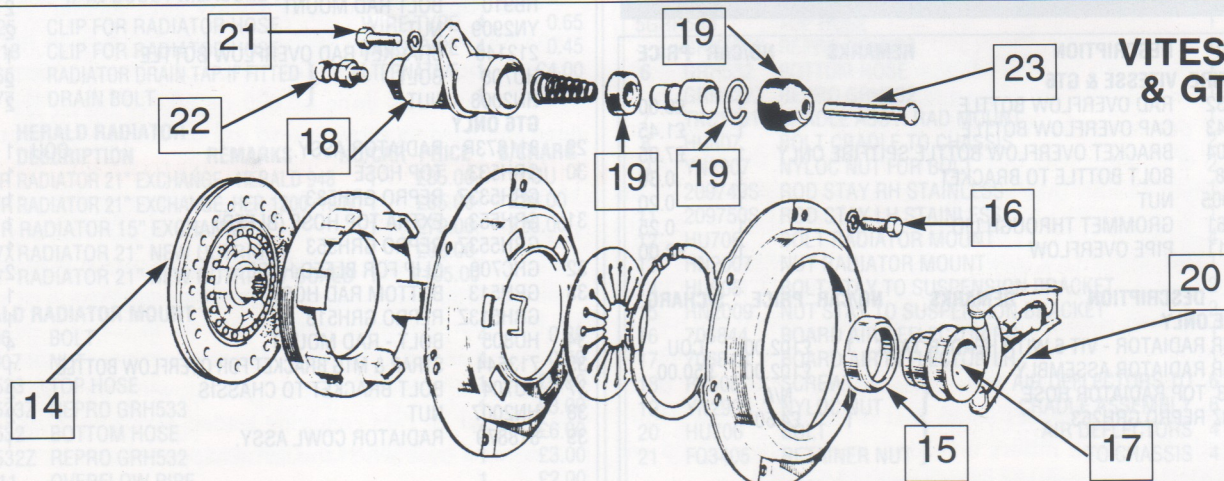


CLUTCH AND HYDRAULICS

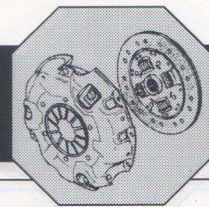
NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE	S/CHARGE
COIL SPRING TYPE CLUTCH - HERALD 948/1200 MKI/SPITFIRE I PRE 1965						
	C2R	EXCHANGE RECON 3 PCS CLUTCH			£49.50	£25.00
1	GCP102R	EXCHANGE RECON DRIVEN PLATE			£15.00	£10.00
	GCC132R	EXCHANGE RECON COVER PLATE			£32.00	£15.00
2	GRB206	RELEASE BEARING			£18.00	
8	110762	CLUTCH SLAVE CYLINDER			£37.00	
	2001	REPAIR KIT SLAVE CYLINDER			£2.50	
DIAPHRAGM TYPE CLUTCH - HERALD 1200/13/60/SPITFIRE II/III/IV POST 1965						
	GCK272	3 PCS CLUTCH			£57.00	
	GCK272R	EXCHANGE RECON 3 PCS CLUTCH			£37.50	£25.00
1	GCP190	DRIVEN PLATE			£34.75	
1	GCP190R	EXCHANGE RECON DRIVEN PLATE			£17.00	£10.00
	GCC197	COVER PLATE			£40.00	
2	GRB207	RELEASE BEARING			£13.00	
DIAPHRAGM TYPE CLUTCH - SPITFIRE 1500						
	GCK160	3PCS CLUTCH			£72.00	
	GCK160R	EXCHANGE RECON 3 PCS CLUTCH			£42.00	£25.00
1	GCP230	DRIVEN PLATE			£45.00	
1	GCP230R	EXCHANGE RECON DRIVEN PLATE			£20.00	£10.00
	GCC196	COVER PLATE			£52.00	
2	GRB207	RELEASE BEARING			£13.00	

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
	GCP103	SPECIAL DRIVEN PLATE FOR 1500 CLUTCH WITH 3 RAIL GEARBOX (10 SPLINE INPUT SHAFT).			£35.00
	GCP244	SPECIAL DRIVEN PLATE FOR 1300 CLUTCH WITH SINGLE RAIL GEARBOX (21 SPLINE INPUT SHAFT).			£51.50
3	HU805	BOLT CLUTCH COVER HERALD/SPITFIRE I/II/III/IV			0.20
3	146176	ALLEN SCREW CLUTCH COVER SPIT 1500		6	0.25
4	213032	RELEASE ARM ASSY. - NO BEARING - DIAPHRAGM CLUTCH ONLY			£25.00
5	129358	BRONZE BUSH IN BELL HOUSING	} RECOMMENDED 2 FITMENT WITH 1 NEW CLUTCHES 1	2	£1.75
6	129412	TOLERANCE RING (CRINKLY WASHER)		1	£1.50
7	129410	★PIVOT PIN WITH HEAD		1	£2.00
★THE FAMOUS BIT THAT FALLS OUT - MUST BE FITTED WITH A NEW TOLERANCE RING - CHECK RELEASE ARM FOR WEAR WHERE RING FITS.					
8	144716	CLUTCH SLAVE CYLINDER	} DIAPHRAGM SPRING CLUTCHES ONLY	1	£46.00
9	2348	REPAIR KIT		1	£2.00
	206175R	BOSS - SLAVE CYLINDER		1	£7.00
	HU807	BOLT TO BELL HOUSING		2	0.20
10	HB818	BOLT	} SLAVE CYLINDER TO BOSS	1	0.20
11	YN2908	NUT		1	0.20
12	108756	BLEED NIPPLE - SLAVE CYLINDER TOP HOLE		1	£1.00

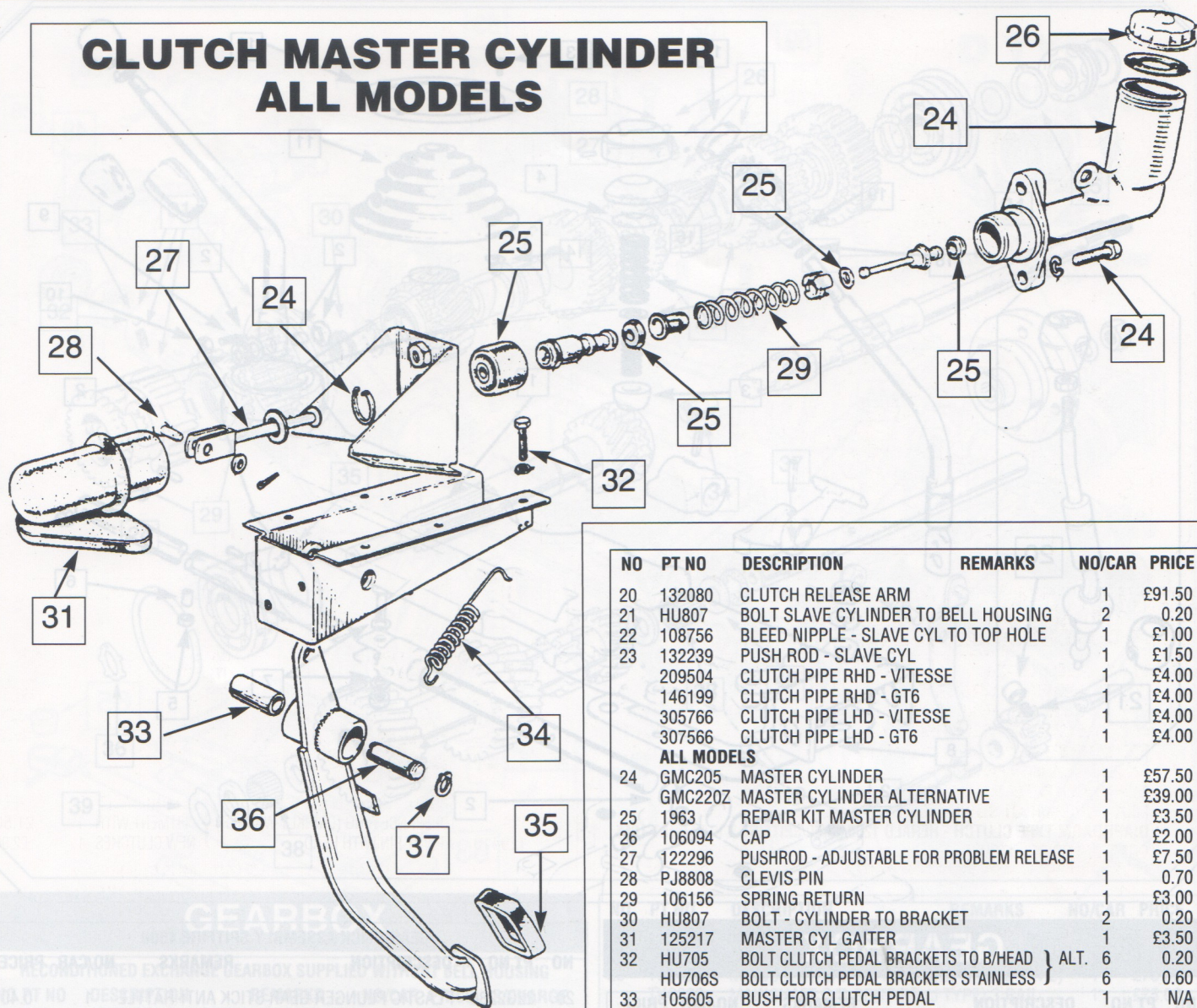
VITESSE & GT6



CLUTCH & HYDRAULICS



CLUTCH MASTER CYLINDER ALL MODELS



NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
20	132080	CLUTCH RELEASE ARM		1	£91.50
21	HU807	BOLT SLAVE CYLINDER TO BELL HOUSING		2	0.20
22	108756	BLEED NIPPLE - SLAVE CYL TO TOP HOLE		1	£1.00
23	132239	PUSH ROD - SLAVE CYL		1	£1.50
	209504	CLUTCH PIPE RHD - VITESSE		1	£4.00
	146199	CLUTCH PIPE RHD - GT6		1	£4.00
	305766	CLUTCH PIPE LHD - VITESSE		1	£4.00
	307566	CLUTCH PIPE LHD - GT6		1	£4.00
ALL MODELS					
24	GMC205	MASTER CYLINDER		1	£57.50
	GMC220Z	MASTER CYLINDER ALTERNATIVE		1	£39.00
25	1963	REPAIR KIT MASTER CYLINDER		1	£3.50
26	106094	CAP		1	£2.00
27	122296	PUSHROD - ADJUSTABLE FOR PROBLEM RELEASE		1	£7.50
28	PJ8808	CLEVIS PIN		1	0.70
29	106156	SPRING RETURN		1	£3.00
30	HU807	BOLT - CYLINDER TO BRACKET		2	0.20
31	125217	MASTER CYL GAITER		1	£3.50
32	HU705	BOLT CLUTCH PEDAL BRACKETS TO B/HEAD	} ALT.	6	0.20
	HU706S	BOLT CLUTCH PEDAL BRACKETS STAINLESS		6	0.60
33	105605	BUSH FOR CLUTCH PEDAL		1	N/A
34	114438	SPRING PEDAL RETURN		1	£1.00
35	122289	PEDAL PAD HER/SPIT I, II, III/GT6 I, II		1	£2.00
	150881	PEDAL PAD SPIT IV, 1500/GT6 III		1	£2.25
36	119575	SHAFT FOR PEDAL		1	N/A
37	506542	CIRCLIP EXTERNAL		2	0.40

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
13	205696	CLUTCH PIPE RHD - HERALD		1	£4.00
	205697	CLUTCH PIPE LHD - HERALD		1	£4.00
	305937	CLUTCH PIPE RHD - SPITFIRE		1	£4.00
	305936	CLUTCH PIPE LHD - SPITFIRE		1	£4.00

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE	S/CHARGE
COIL SPRING TYPE CLUTCH-VITESSE 6						
	C11	3 PART CLUTCH SUPPLIED WITH EXCHANGE				
		RECON COVER PLATE			£70.00	£30.00
1	GCP139	DRIVEN PLATE			£25.00	
	GCC136R	EXCHANGE RECON COVER PLATE			£52.00	£30.00
2	GRB206	RELEASE BEARING			£18.00	
	514356	CLUTCH SLAVE CYLINDER			£38.00	
	4190	REPAIR KIT SLAVE CYLINDER			£3.50	
VITESSE 2L AND GT6 CLUTCH						
	GCK282	3 PART CLUTCH			£79.00	
	GCK282R	EXCHANGE RECON 3 PC CLUTCH			£46.00	£25.00
1	GCP140	DRIVEN PLATE			£55.75	
1	GCP140R	EXCHANGE RECON DRIVE PLATE			£21.00	£10.00
2	GRB209	RELEASE BEARING			£12.00	

SILICONE FLUID NON TOXIC - LONG LIFE - DOES NOT STRIP PAINT

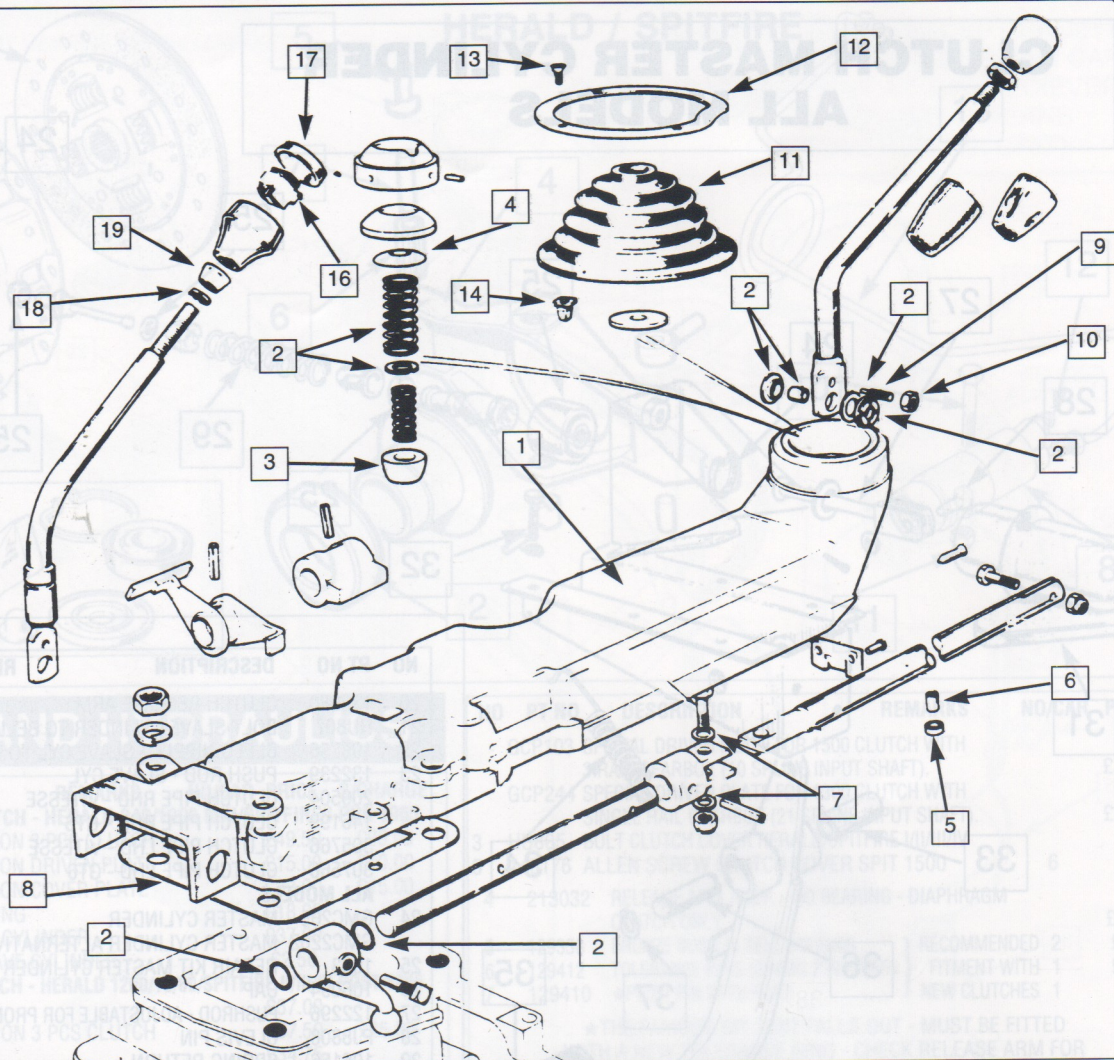
ABF003	SILICONE CLUTCH FLUID HALF LITRE	£11.00
ABF004	SILICONE CLUTCH FLUID ONE LITRE.	£20.00

GENERAL

If the centre of the driven plate should ever break, the engine back plate should be checked for straightness.

Even a slight misalignment will give rise to recurrent problems which will not be covered by any warranty.

GEARBOX



GEARBOX

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
GEARSHIFT MECHANISM HERALD/SPITFIRE I, II, III, IV, VITESSE/GT6					
1	306152R	EXTENSION ALUMINIUM TOP COVER		1	£10.00
2	519770	GEARCHANGE REBUSHING KIT		1	£9.95
3	138685	BUSH SPHERICAL		1	£2.50
4	128373	PLASTIC WASHER		1	£1.50
5	155799	BUSH	ITEMS INCLUDED IN 519770 REBUSH KIT	1	£1.00
6	155800	TUBE		1	0.75
7	155801	NYLON WASHER		2	0.30
8	120305	GASKET		1	0.30
9	118054	REVERSE STOP SCREW		1	0.50
10	JN2108	LOCK NUT		1	0.25
11	611353	GEAR LEVER GAITER	HERALD/VITESSE	1	£7.00
12	706919	GEAR LEVER GAITER	SPITFIRE/GT6	1	£9.75
13	613607	RETAINER RING	ONLY	1	N/A
14	AB608051	SCREW		4	0.20
15	FU2543	CLIP		4	0.20
16	520999	O/DRIVE GEARKNOB SWITCH ONLY		1	£13.00
17	155030C	O/DRIVE GEARKNOB COVER ONLY	SPITFIRE/GT6 III	1	£6.00
18	AAU6867C	O/DRIVE GEARKNOB COVER ONLY	SPITFIRE 1500	1	£6.00
19	C30623	INTERNAL NUT		1	£2.00
20	C30505	BOTTOM CHROME NUT		1	£4.50

GEAR STICK ASSEMBLY SPITFIRE 1500

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
20	22G2286	PLASTIC PLUNGER GEAR STICK ANTI-RATTLE		1	0.40
21	106388	SPRING GEAR STICK ANTI-RATTLE		1	0.25

MOST TRIUMPH GEARBOXES ARE BEYOND DIY REDEMPTION WITH NEEDLE ROLLERS RUNNING DIRECTLY ONTO BEARING SURFACES AND WEARING OUT. ENQUIRE FOR ADVICE.

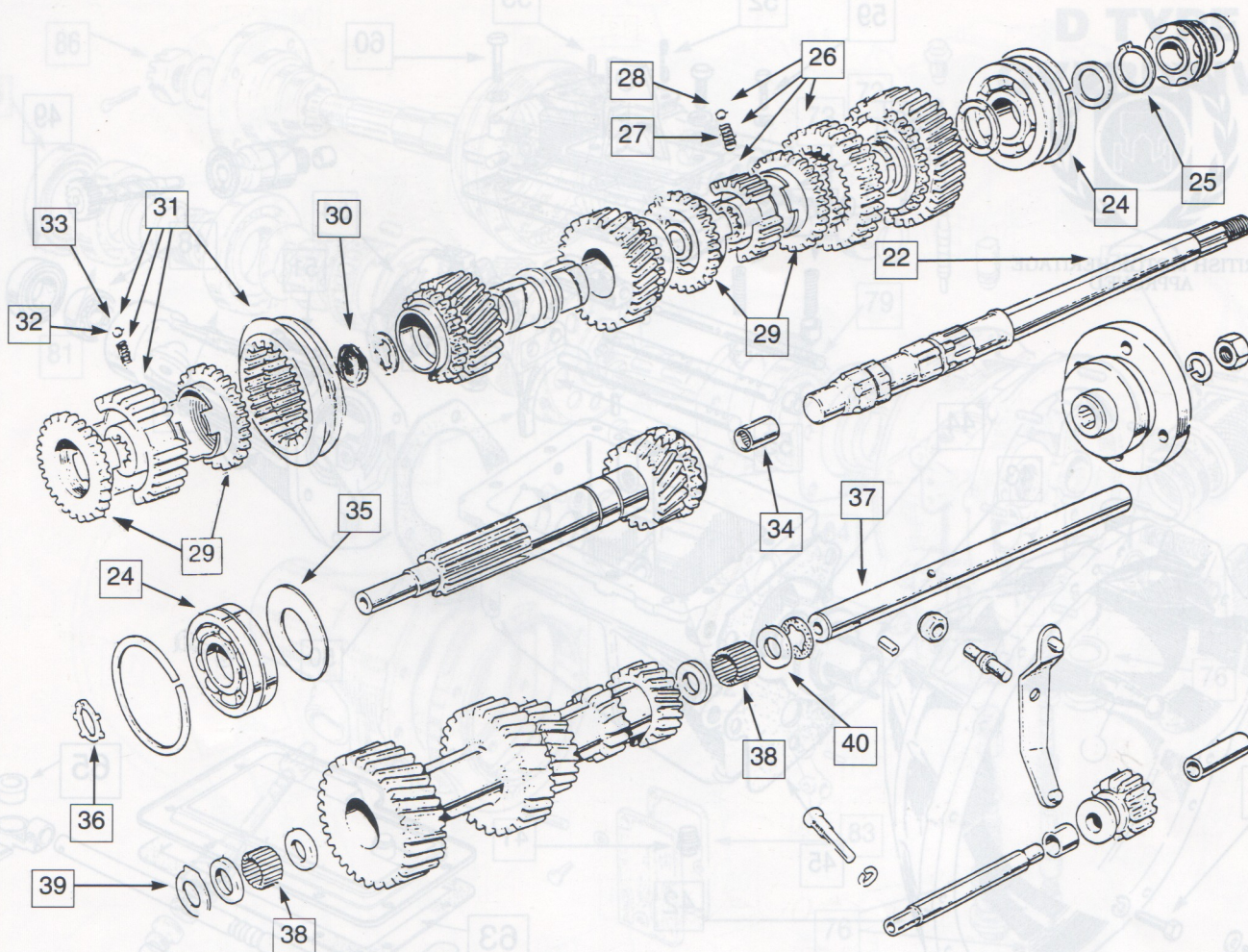
All units are built at our workshop and extensive testing and development over the last decade enables us to offer an unrivalled selection of reliable gearboxes and overdrive units. The main problem still remains the mainshaft tip on overdrive car wearing out. Repair of any sort has proved very unsatisfactory so for long term reliability we have new mainshafts manufactured.

Many so called gearbox problems are often caused by ancillaries such as badly worn gearchange bushes, clutch release mechanism partly seized or even thrust washers out of the engine. It is always worth checking all of the above before blaming the gearbox.

PLEASE NOTE: It is not possible to simply bolt an overdrive onto the back of a standard gearbox. If you wish to have overdrive you will require an overdrive conversion kit.

NO	PT NO	DESCRIPTION	PRICE
		GEARBOX OILS	
	GGL591	GEAR OIL GL5 ½ LITRE	£1.50
	GGL551	GEAR OIL GL5 PART SYNTHETIC ½ LITRE	£2.50
	GGL592	GEAR OIL GL5 5 LITRE	£10.25

GEARBOX



GEARBOX

RECONDITIONED EXCHANGE GEARBOX SUPPLIED WITHOUT BELL HOUSING

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE	S/CHARGE
G2R		SPITFIRE I, II, III 3 SYNCHRO OVERDRIVE			£125.0	£50.00
G3R		HERALD 948, 1200, 13/60/ SPITFIRE I, II, III, 3 SYNCHRO AS ORIGINAL, NON O/D		1	£99.00	£25.00
G4R		HERALD 948, 1200, 13/60/SPITFIRE I, II, III, 4 SYNCHRO DIRECT REPLACEMENT, NON O/D		1	£160.00	£25.00
G5R		SPITFIRE IV, NON O/D		1	£150.00	£50.00
G6R		SPITFIRE I, II, III, IV OVERDRIVE (4 SYNCHRO) D TYPE		1	£150.00	£50.00
G15R		SPITFIRE IV O/D J TYPE (FH60000 ON)		1	£150.00	£50.00
G7R		SPITFIRE 1500 TO FR33413, NON O/D SCROLL SEAL IN BELL HOUSING		1	£150.00	£50.00
G16R		SPITFIRE 1500 FROM FR33414 NON O/D, OIL SEAL IN BELL HOUSING		1	£150.00	£50.00
G8R		SPITFIRE 1500 TO FR33414 O/D, SCROLL SEAL IN BELL HOUSING		1	£150.00	£50.00
G17R		SPITFIRE 1500 FROM FR33414 OIL SEAL IN BELLHOUSING		1	£150.00	£50.00
G9R		VITESSE 6 NON O/D		1	£150.00	£50.00
G10R		VITESSE 6 O/D		1	£175.00	£50.00
G11R		VITESSE I, II/GT6 NON O/D		1	£175.00	£50.00
G12R		VITESSE I, II/GT6 O/D		1	£175.00	£50.00

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
GEARBOX - INTERNAL					
204679R		MAINSHAFT HERALD/SPITFIRE I, II, III/ VITESSE 6		1	£25.00
208142		MAINSHAFT O/S SPITFIRE I, II, III/VITESSE 6		1	£75.00

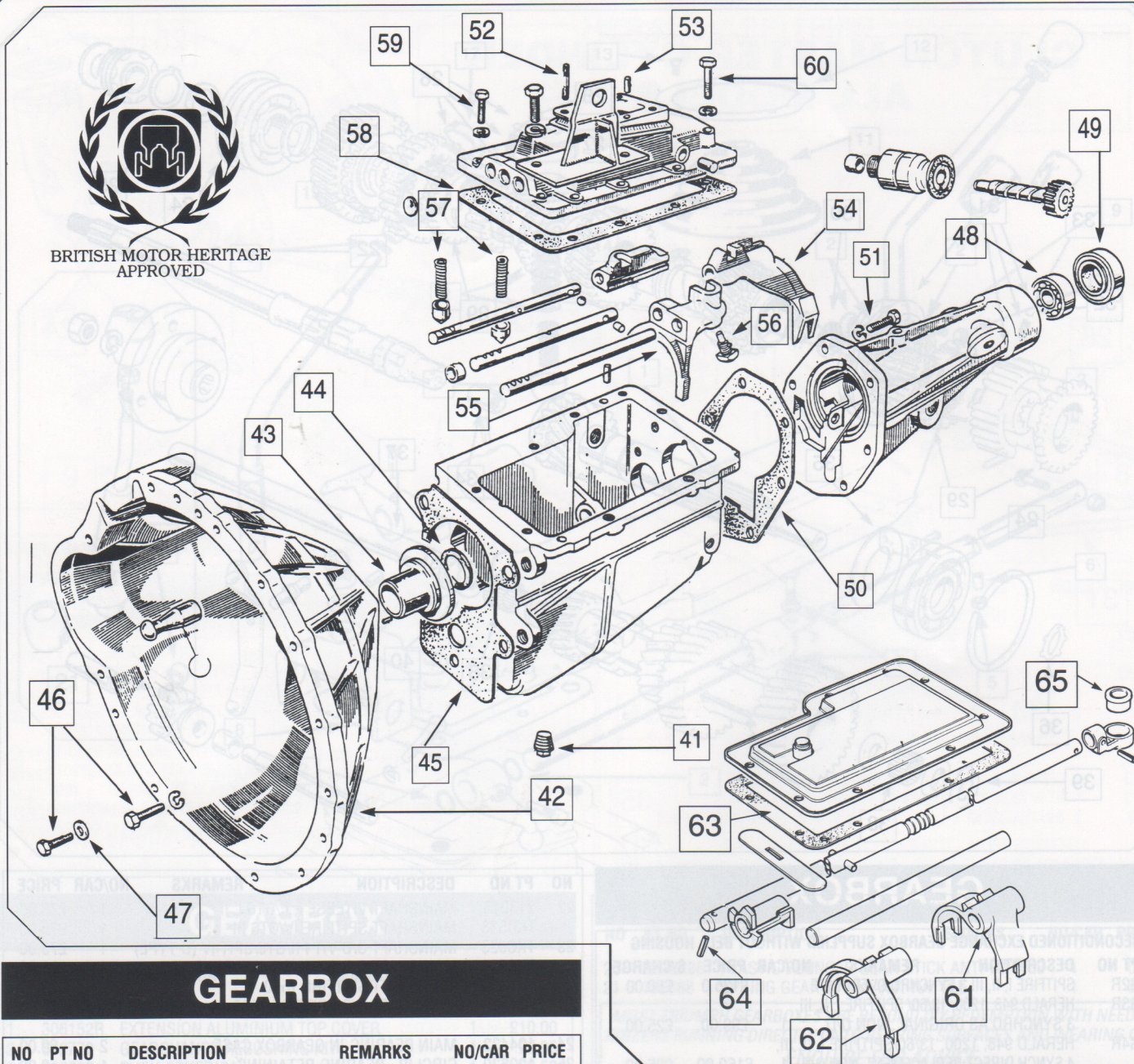
NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
22	213018	MAINSHAFT VITESSE I, II/GT6 I, II		1	£75.00
	TKC533	MAINSHAFT SPITFIRE IV/GT6 III		1	£75.00
23	TKC923	MAINSHAFT O/D VIT I II/GT6/SPIT IV (D TYPE)		1	£75.00
	TKC899	MAINSHAFT O/D SPITFIRE (J TYPE) 3 RAIL		1	£75.00
	RKC722	MAINSHAFT SPITFIRE 1500		1	£75.00
	RKC767	MAINSHAFT O/D SPITFIRE 1500		1	£75.00
24	104433	MAIN BEARING IN GEARBOX CASE		2	£9.00
25	129839	CIRCLIP - BEARING RETAINING		1	0.20
26	156911	HUB ASSY. 1ST/2ND SPIT IV, 1500/VIT I, II/GT6		1	£25.00
27	106388	HUB SPRING		3	0.25
28	BLS108	BALL BEARING		3	0.35
29	148409	SYNCHRO CUP, HER/SPIT I, II, III, IV/GT6 I, II		3/4	N/A
	150328	SYNCHRO CUP SPIT IV, 1500/GT6 III		4	N/A
30	TKC6444	CIRCLIP 3RD GEAR RETAINING		1	0.65
31	156968	HUB ASSY 3RD TOP		1	£20.00
32	104445	SPRING HUB		3	0.25
33	BLS108	BALL BEARING		3	0.35
34	118507	TIP BEARING FORCE FIT TYPE HER/SPIT I, II, III/VIT 6		1	£5.00
	144782	TIP BEARING LOOSE TYPE HER/SPIT III IV/VIT, GT6		1	£5.00
	UKC3371	TIP BEARING SPITFIRE 1500		1	£3.85
35	106365	OIL FLINGER		1	0.25
36	129839	CIRCLIP BEARING RETAINING		1	0.20
37	144595	LAYSHAFT SPITFIRE IV, 1500/VITESSE I, II/GT6		1	N/A
38	119893K	NEEDLE ROLLER SETSPITFIRE IV/ 1500/VITESSE/GT6		1	£6.00
	112477	BUSH GEAR ENDS HERALD/SPITFIRE I, II, III		2	£2.50
39	113229	LAYGEAR THRUST WASHER FRONT		1	£3.00
40	106270	LAYGEAR THRUST WASHER REAR		1	£2.50



GEARBOX



BRITISH MOTOR HERITAGE
APPROVED

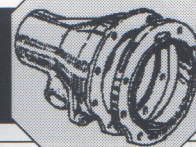


GEARBOX

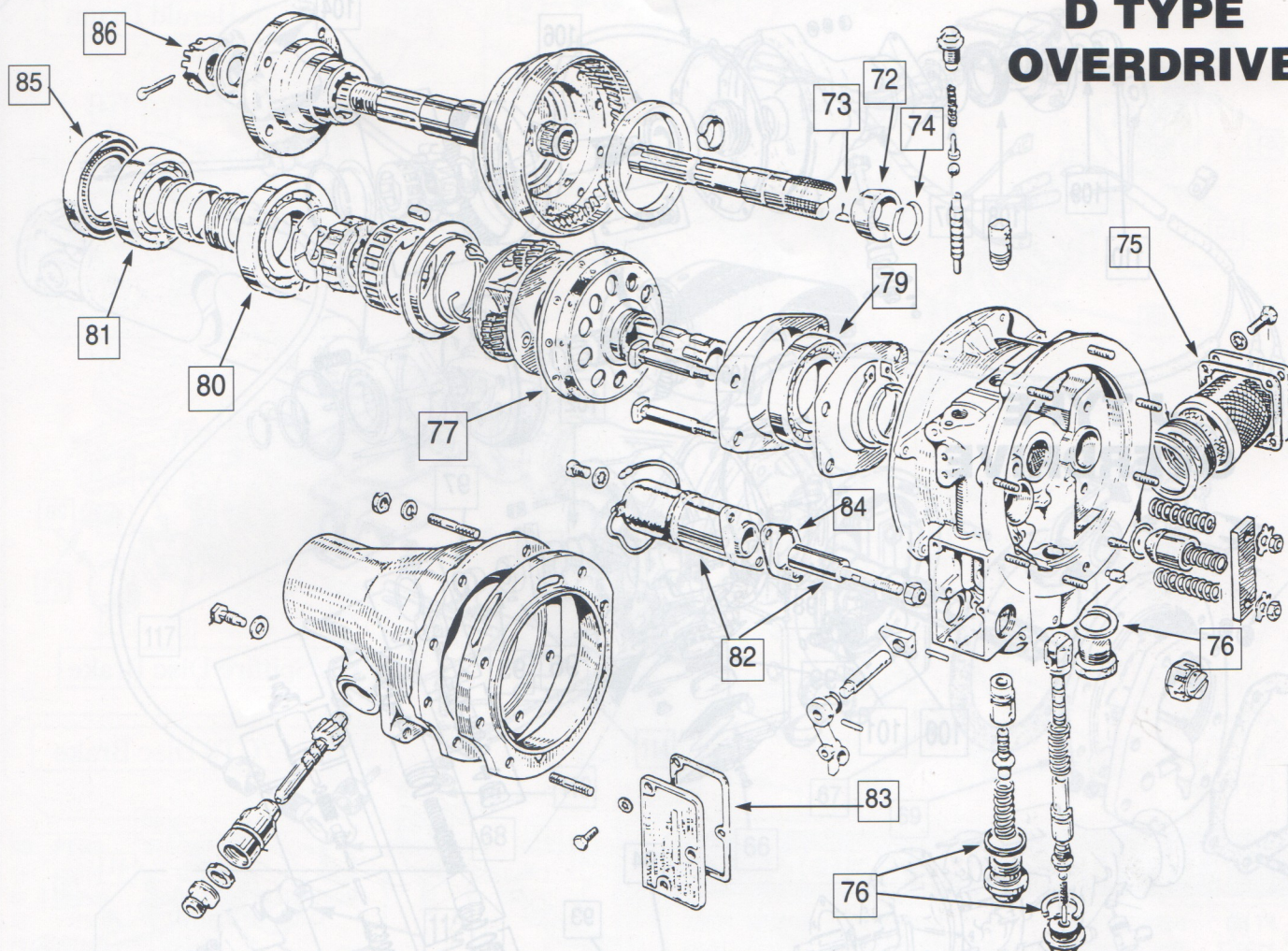
NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
41	114774	PLUG OIL LEVEL & DRAIN, SQUARE HEAD	A/R	1	£1.00
42	132077R	BELL HOUSING	VITESSE/GT6	1	£25.00
43	122566R	COVER	HERALD/SPTFIRE I, II, III, IV/ 1500 TO FR33413	1	£4.00
	UKC7926	COVER	SPITFIRE 1500 FROM FR33413	1	£33.00
44	132292	OIL SEAL IN COVER	VITESSE/GT6 SPITFIRE 1500 FROM FR33414	1	£2.00
45	122569	GASKET HER/SPIT I, II, III, IV/VIT/GT6	BELL	1	0.35
	157690	GASKET SPITFIRE 1500	HOUSING	1	0.35
46	HU908	BOLT	TO	5	0.25
47	500464	COPPER WASHER - BOTTOM BOLT	GEARBOX	1	0.20
	137532	SPRING CLUSTER TENSIONING	VIT/GT6/SPIT 1500	3	0.20
48	117511	BEARING REAR HER/SPIT I, II, III VIT/GT6 I, II	NON OVER- DRIVE	1	£6.00
	157732	BEARING REAR SPIT IV, 1500/GT6 III		1	£6.50
49	22G2353	REAR OIL SEAL		1	£3.00
50	106437	GASKET HER/SPIT I, II, III, IV/VIT/GT6	NON	1	0.35
	22G1420	GASKET SPIT 1500	OVER-	1	0.50
51	HU807	BOLT GEARBOX REAR TO GEARBOX	DRIVE	7/8	0.20
52	158003	STUD EXTENSION ATTACH.		4	0.40

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
53	DP411	DOWEL TOP COVER		2	0.25
54	113868	SELECTOR FORK 1ST/2ND	NOT SPIT 1500	1	£10.00
55	106268	SELECTOR FOR 3RD/TOP		1	£10.00
56	122653	SET SCREW - SELECTOR TO SHAFTS		3	N/A
	2292198	SPRING - PLUNGER		3	0.25
58	106269	GASKET		1	0.35
59	HU707	BOLT - SHORT		7	0.20
60	HB711	BOLT - LONG		2	0.20
61	22G1406	SELECTOR FORK 1ST/2ND	SPITFIRE 1500 ONLY	1	£16.00
62	22G1584R	SELECTOR FORK 3RD/TOP		1	£15.00
63	22G1911	GASKET		1	0.60
64	UKC6398	LOCKING PIN		1	0.25
65	DAM3045	GEARSTICK SEAT		1	0.55
GEARBOX ATTACHMENT DETAILS - TO ENGINE					
	HN2008	NUT		12	0.20
	HB812	BOLT VITESSE/GT6		9	0.20
	HU809	BOLT HERALD/SPITFIRE		9	0.20
	HB912	DOWEL BOLT		1	0.20
	HN2009	NUT		1	0.20

GEARBOX



D TYPE OVERDRIVE



GEARBOX

OVERDRIVE CONVERSION KITS - WHILE STOCKS LAST.

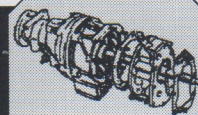
COMPRISING RECONDITIONED GEARBOX, OVERDRIVE AND PROPSHAFT WITH MOUNTINGS, ELECTRICS AND ALL OTHER ANCILLARIES.

ENQUIRE FOR AVAILABILITY.

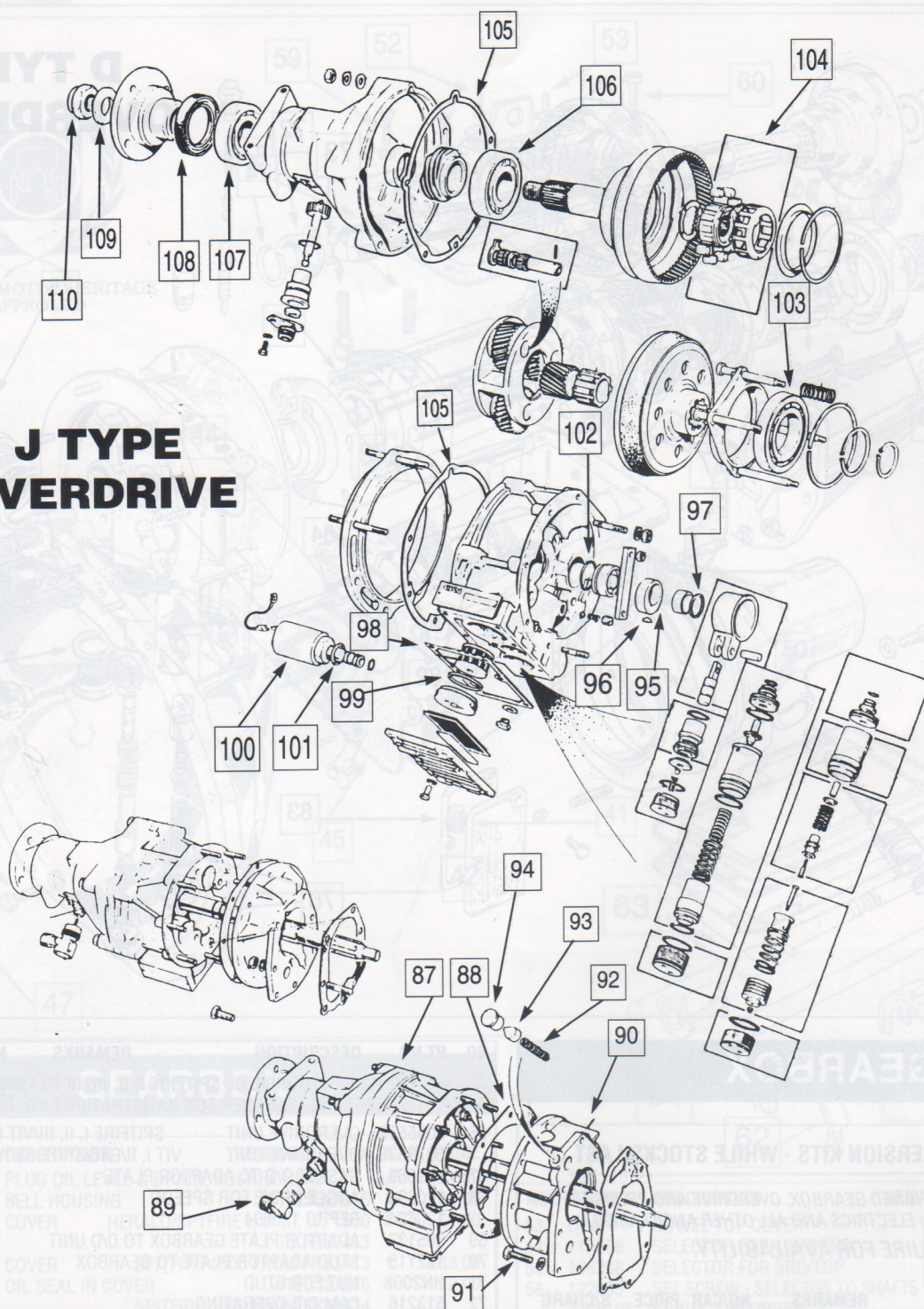
NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE	S/CHARG
G101R		HERALD 1200, 13/60 (4 SYNCHRO)		1	£435.00	£75.00
G103R		SPITFIRE I, II, III (4 SYNCHRO)		1	£435.00	£75.00
G104R		SPITFIRE IV		1	£435.00	£75.00
G105R		SPITFIRE IV J TYPE		1	£435.00	£75.00
G106H		SPITFIRE 1500		1	£435.00	£75.00
G108R		VITESSE I, II/GT6 J TYPE CONVERSION		1	£475.00	£75.00
G201		CONVERSION KIT FROM D TYPE TO J TYPE VIT I, II/GT6 COMPRISING RECON. GEARBOX, OVERDRIVE WITH MOUNTINGS AND ANCILLARIES, ELECTRICS WHERE FITTED.		1	£340.00	£75.00

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
D TYPE OVERDRIVE OE SPITFIRE I, II, III, IV TO FH60000, VITESSE/GT6 (SEE OVER FOR ILLUSTRATIONS NO. 66 - 71)					
66	306553R	OVERDRIVE UNIT	SPITFIRE I, II, III/VIT 6	1	£170.00
	307862R	OVERDRIVE UNIT	VIT I, II/GT6/SPITFIRE IV	1	£170.00
67	159369	GASKET O/D TO ADAPTOR PLATE		1	0.75
68	120694	ANGLE DRIVE FOR SPEEDO		1	£43.00
	120694Z	REPRO 120694		1	£35.00
69	305137	ADAPTOR PLATE GEARBOX TO O/D UNIT		1	£52.00
70	132115	STUD ADAPTOR PLATE TO GEARBOX		7	0.40
71	HN2008	NUT FOR STUD		7	0.20
72	513216	CAM O/D OPERATING		1	£12.00
73	WKN304	WOODRUFF KEY		1	0.20
74	139532	CLIP FOR CAM		1	0.25
75	506098	GASKET FOR FILTER		1	0.90
76	506118	WASHER FOR PLUGS ON O/D BOTTOM		3	0.85
77	513200R	CLUTCH ASS. - RECON EXCHANGE		1	£70.00
78	TRS1114	O RING ON PISTON		2	0.45
79	506112	BEARING SLIDING MEMBER		1	£15.00
80	506111	BEARING BIG ANNULUS SUPPORT		1	£9.50
81	533360	BEARING SMALL ANNULUS SUPPORT		1	£4.50
82	512114	SOLENOID ASSY.		1	£65.00
83	513204	GASKET SIDE COVER ASSY		1	0.90
84	513201	GASKET SOLENOID TO CASE		1	0.50
85	7H8325	REAR OIL SEAL		1	£3.50
86	NKC81	REAR NUT - CLEVELOCK TYPE		1	£2.50

GEARBOX



J TYPE OVERDRIVE

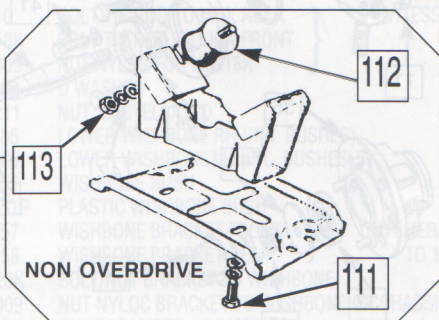
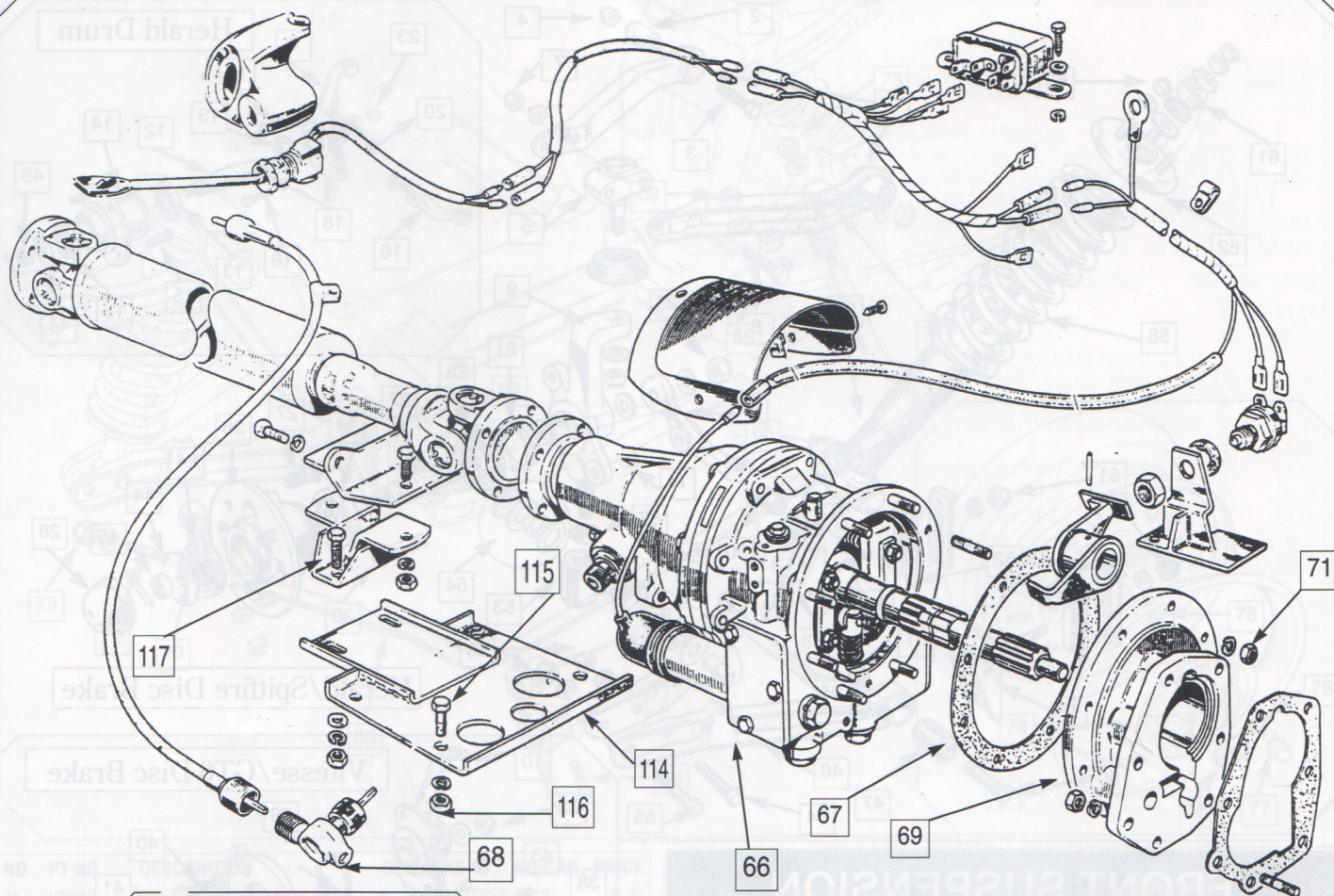
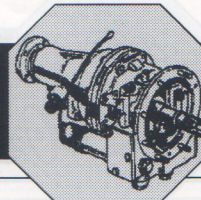


GEARBOX

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
J TYPE OVERDRIVE UNIT SPIT IV FROM FH60000 SPIT 1500					
	313305R	OVERDRIVE UNIT	SPITFIRE IV	1	£145.00
87	RKC684R	OVERDRIVE UNIT	SPITFIRE 1500	1	£145.00
88	159369	GASKET O/D TO ADAPTOR PLATE		1	0.75
89	120694	ANGLE DRIVE		1	£43.00
	120694Z	REPRO ANGLE DRIVE		1	£35.00
	313085	ADAPTOR PLATE TO GEARBOX		1	£52.00
	132115	STUD ADAPTOR PLATE TO GEARBOX	} SPITFIRE IV	2	0.40
	HN2008	NUT FOR STUD		2	0.20

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
90	RKC634	ADAPTOR PLATE	SPITFIRE 1500	1	N/A
91	HU807	BOLT ADAPTOR PLATE TO GEARBOX		5/8	0.20
92	22G2198	SPRING		1	0.25
93	22G1421	PLUNGER	FITTED IN PLATE SPITFIRE 1500	1	£1.50
94	22G1947	PLASTIC PLUG		1	N/A
95	159505	CAM O/D OPERATING		1	£14.00
96	WKN304	WOODRUFF KEY		1	0.20
97	139532	CLIP FOR CAM		1	0.25
98	NKC76	GASKET SUMP		1	£1.50
99	NKC23	FILTER FINE		1	£5.00
100	NKC41	OVERDRIVE SOLENOID★		1	£60.00
101	NKC108	COPPER WASHER		1	0.80
★NOTE 1" THIN SPANNER REQUIRED FOR REMOVAL/RE-FITTING OF SOLENOID					

GEARBOX



NON OVERDRIVE

GEARBOX

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
102	NKC99	PISTON O RING		2	0.50
103	NKC63	CLUTCH BEARING		1	£29.00
104	NKC17	UNI-DIRECTIONAL CLUTCH		1	£59.00
105	NKC8617	GASKETS FOR BRAKE RING		1	£2.00
106	217325	BEARING ANNULUS FRONT		1	£10.00
107	SP75G	BEARING ANNULUS REAR		1	£8.00
108	NKC39	REAR OIL SEAL		1	£4.00
109	NKC82	WASHER		1	0.25
110	NKC81	NUT		1	£2.00
GEARBOX MOUNTINGS- NON OVERDRIVE ONLY					
111	HU805	BOLT - PLATFORM TO CHASSIS & BRACKET		6	0.20
	HN2008	NUT FOR BOLT		6	0.20
112	122689	GEARBOX MOUNT		2	£2.00
113	HN2008	NUT FOR MOUNT		2	0.20

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
GEARBOX MOUNTINGS - OVERDRIVE ONLY					
	148897	PLATFORM PLATE SPIT I, II, III, IV TO FH60000		1	£11.00
	TKC1407	PLATFORM PLATE SPIT IV FROM FH60000/SPIT 1500		1	£9.00
114	147629	PLATFORM PLATE VIT/GT6 STANDARD O/D FITMENT		1	£12.00
	G38	PLATFORM PLATE VIT/GT6 J TYPE 3 RAIL O/D		1	£11.00
115	HU805	BOLT - PLATFORM TO CHASSIS & MT RUBBER		6	0.20
116	HN2008	NUT FOR BOLT		6	0.20
117	159656	GEARBOX MOUNT RUBBER - FITS ALL O/D UNITS		1	£15.00
118	HU807	BOLT MOUNT TO O/D - D TYPE O/D		2	0.20
	HU957	BOLT MOUNT TO O/D - J TUPE O/D		2	0.30

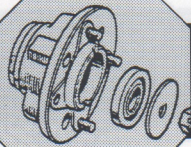
J TYPE OVERDRIVE PROBLEMS.

A few units left with badly made one way bearings, funny noises and slipping when starting off (original fitment 79-81 cars). If unit behaves very differently when hot and cold, the cause is the solenoid, not easy to repair.

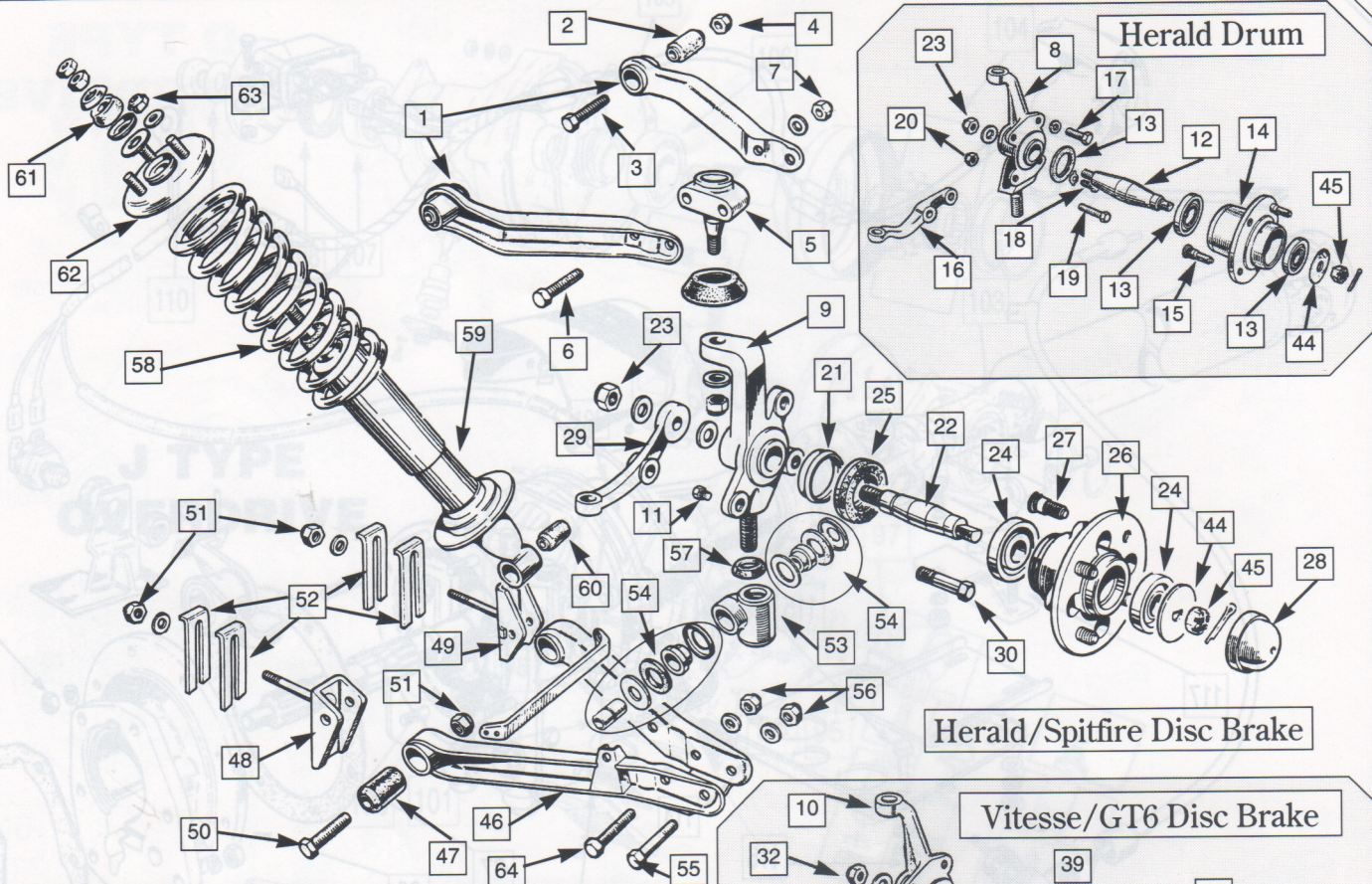
D TYPE OVERDRIVE PROBLEMS.

Not working, check electrical side, if OK probably needs exchange unit. Coming into O/D by itself (funny noise reversing). Partly blocked operating valve, remove and clean (plug on top).

Will not hold in O/D properly but showing signs of working. Either low pressure (put extra washers in relief valve) or worn clutch (very common on 72-74 units). Look for black hairy bits in filter. If evident you need either an exchange clutch or exchange O/D unit.

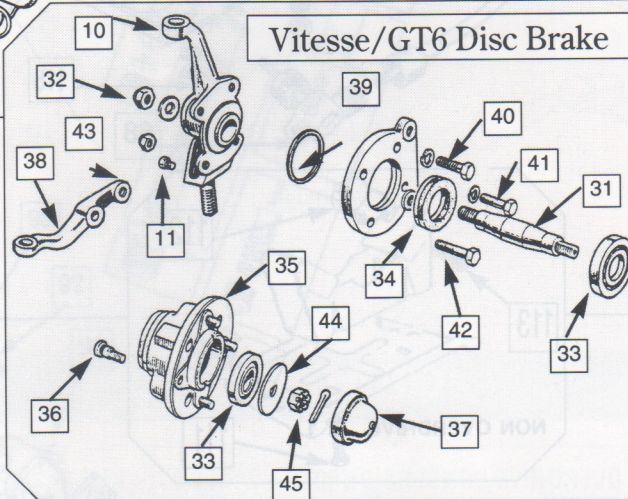


FRONT SUSPENSION



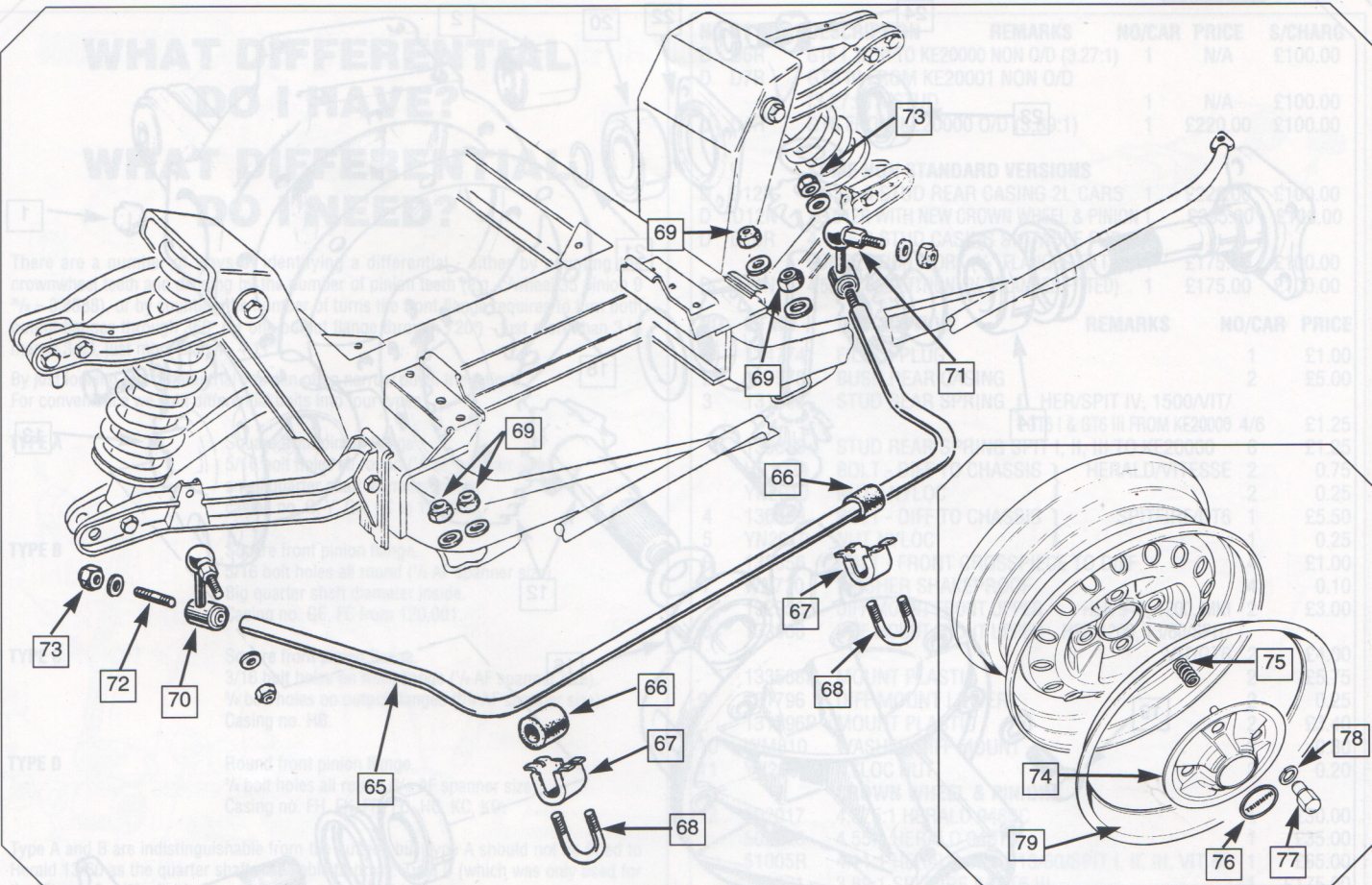
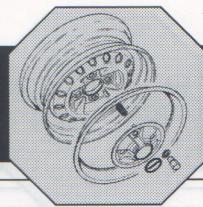
FRONT SUSPENSION

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
1	119272	TOP WISHBONE SUPPLIED WITH 119451		4	£10.00
2	119451	WISHBONE BUSH		4	£1.00
	11945P	PLASTIC WISHBONE BUSH		4	£5.00
3	HB920K	BOLT/NUT TOP WISHBONE TO CHASSIS		4	0.50
4	YN2909	NUT NYLOC		4	0.20
5	GSJ155	TOP BALL JOINT		2	£10.00
6	HB818K	BOLT/NUT FOR BALL JOINT		4	0.35
7	YN2908	NUT NYLOC		4	0.20
	209222★	VERTICAL LINK RH	HERALD DRUM BRAKE	1	£53.00
8	209223★	VERTICAL LINK RH		1	£53.00
★THESE LINKS ALSO FITTED TO H1200 DISC BRAKES TO GA1272328 AND SPITFIRE I TO FC15575					
	306603	VERTICAL LINK RH	HERALD 1200 DISC BRAKE	1	£49.50
9	306604	VERTICAL LINK LH		& 13/50, SPITFIRE	1
	209072	VERTICAL LINK RH	VITESSE & GT6	1	£49.50
10	209073	VERTICAL LINK LH		1	£49.50
	LN30041	OIL NIPPLE	ALTERNATIVE	2	0.50
11	FAM581	BLANKING PLUG		2	N/A
HERALD DRUM BRAKE ONLY					
12	132448	STUB AXLE		2	£23.00
13	GHK1244	WHEEL BEARING KIT INCLUDING OIL SEAL		2	£14.00
14	112431	HUB ASSEMBLY		2	£25.00
15	158729	WHEEL STUD		8	£2.25
	205504	STEERING ARM RH		1	£8.50
16	205505	STEERING ARM LH		1	£8.50
17	HU804	BOLT BACK PLATE TO LINK		4	0.20
18	HB910	BOLT TIE ROD TO LINK REAR		2	0.20
19	HB918K	BOLT TIE ROD TO LINK FRONT		2	0.25
20	YN2909	NUT NYLOC FOR HB918K		2	0.20
HERALD DISC BRAKE AND SPITFIRE					
21	138559	WATER SHIELD FOR 306603/4	HERALD DISC BRAKE & SPITFIRE	2	N/A
22	UKC697	STUB AXLE		2	£23.00
23	YN2911	NUT NYLOC		2	0.25
24	GHK1021	WHEEL BEARING SET INC. SEAL		2	£14.00



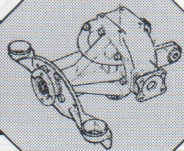
NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
HERALD DISC BRAKE AND SPITFIRE					
25	GHS146	OIL SEAL		2	£2.00
26	146479R	FRONT HUB ASSY.		2	£25.00
27	158729	WHEEL STUD		8	£2.25
28	102689	GREASE CAP		2	£3.80
	211048R	STEERING ARM RH		1	£5.00
29	211049R	STEERING ARM LH		1	£5.00
30	159514	BOLT ARM TO LINK		2	£1.00
VITESSE AND GT6					
31	132065	STUB AXLE		2	£25.00
32	YN2912	NUT NYLOC		2	0.50
33	GHK1011	WHEEL BEARING KIT INC. OIL SEAL		2	£12.00
34	GHS146	OIL SEAL ONLY		2	£2.00
35	145007R	FRONT HUB ASSY.		2	N/A
36	158729	WHEEL STUD		8	£2.25
37	132665	GREASE CAP		2	£3.00
	205504	STEERING ARM RH		1	£8.50
38	205505	STEERING ARM LH		1	£8.50
39	138051	SEALING RING - PLATE TO CALIPER		2	0.30
40	HU806	BOLT CALIPER PLATE TO LINK TOP		4	0.20

FRONT SUSPENSION

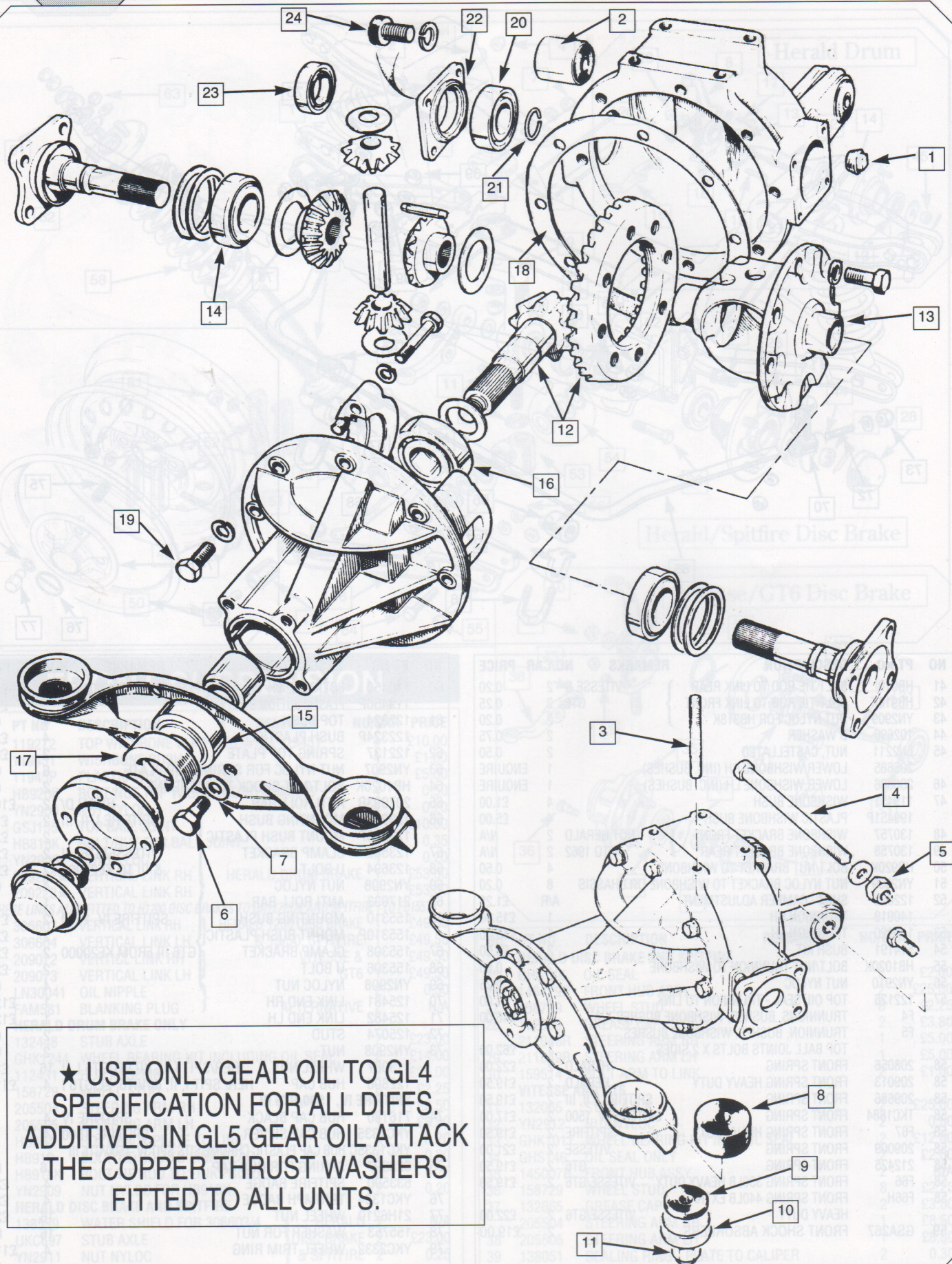


NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
41	HB910	BOLT TIE ROD TO LINK REAR	VITESSE & GT6	2	0.20
42	HB918K	BOLT TIE ROD TO LINK FRONT		2	0.25
43	YN2909	NUT NYLOC FOR HB918K		2	0.20
44	102690	D WASHER		2	0.75
45	LN2211	NUT, CASTELLATED		2	0.50
46	206685	LOWER WISHBONE RH (INC. BUSHES)	ENQUIRE	1	
46	206686	LOWER WISHBONE LH (INC. BUSHES)	ENQUIRE	1	
47	119451	WISHBONE BUSH		4	£1.00
	199451P	PLASTIC WISHBONE BUSH		4	£5.00
48	130757	WISHBONE BRACKET FRONT	NOT HERALD TO 1962	2	N/A
49	130758	WISHBONE BRACKET REAR		2	N/A
50	HB920K	BOLT/NUT BRACKET TO WISHBONE		4	0.50
51	YN2909	NUT NYLOC BRACKET TO WISHBONE OR CHASSIS		8	0.20
52	122022	SHIM - CAMBER ADJUSTMENT	A/R	1	£1.25
	140919	TRUNNION RH		1	£15.00
53	140920	TRUNNION LH		1	£15.00
54	514191	BUSH KIT		2	£3.50
55	HB1020K	BOLT/NUT TRUNNION TO WISHBONE		2	0.80
56	YN2910	NUT NYLOC		2	0.25
57	122126	TOP OIL SEAL - TRUNNION TO LINK		2	£1.00
	F4	TRUNNIONS, BUSHES, WISHBONE BUSHES X 2		1	£46.00
	F5	TRUNNION, BUSHES, WISHBONE BUSHES, TOP BALL JOINTS BOLTS X 2 SIDES		1	£62.00
58	208056	FRONT SPRING	HERALD	2	£22.00
58	209013	FRONT SPRING HEAVY DUTY	HERALD	2	£19.50
58	209686	FRONT SPRING	SPIRIFIRE I, II, III	2	£19.50
58	TKC1884	FRONT SPRING	SPIRIFIRE IV, 1500	2	£17.00
58	F67	FRONT SPRING HEAVY DUTY	SPIRIFIRE	2	£19.50
58	209009	FRONT SPRING	VITESSE	2	£21.00
58	212425	FRONT SPRING	GT6	2	£19.50
58	F66	FRONT SPRING 330LB HEAVY DUTY	VITESSE/GT6	2	£19.50
58	F66H	FRONT SPRING 440LB EXTRA HEAVY DUTY	VITESSE/GT6	2	£22.00
59	GSA267	FRONT SHOCK ABSORBERS		2	£19.00

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
60	119450	BOTTOM BUSH	SUPPLIED WITH SHOCK ABSORBERS	2	£2.50
	119450P	PLASTIC BOTTOM BUSH		2	£4.50
61	122324	TOP BUSH		4	0.50
	122324P	BUSH PLASTIC		4	£2.75
62	122137	SPRING TOP PLATE		2	£8.50
63	YN2907	NUT NYLOC FOR SPRING TOP PLATE		6	0.20
64	HB1020K	BOLT/NUT SHOCK TO WISHBONE		2	0.80
65	207093R	ANTI ROLL BAR	HERALD/	2	£10.00
66	123998	MOUNTING BUSH	SPITFIRE I, II, III	2	£1.25
	123998P	MOUNT BUSH PLASTIC		2	£3.50
67	123502	CLAMP BRACKET	VITESSE/GT6 I, II & III TO KE20000	2	£2.00
68	123694	U BOLT		2	£2.00
69	YN2908	NUT NYLOC		4	0.20
65	217033	ANTI ROLL BAR		1	N/A
66	155310	MOUNTING BUSH	SPITFIRE IV, 1500	2	£1.75
	155310P	MOUNT BUSH PLASTIC		2	£3.50
67	155308	CLAMP BRACKET	GT6 III FROM KE20000	2	£2.00
68	155306	U BOLT		2	£2.00
69	YN2908	NYLOC NUT		4	0.20
70	125481	LINK END RH		1	£12.25
71	125482	LINK END LH		1	£12.25
72	125074	STUD		2	0.75
73	YN2908	NUT		2	0.20
	113087	WHEEL NUT	HER/SPIT I, II, III/ VIT/GT6 I, II	16	£1.00
	122806	HUB CAP	HER/ SPIT I, II, III/VIT6, 2L/GT6 I	4	£11.45
SPIRIFIRE IV, 1500/GT6 III					
74	716180	HUB CAP BLACK	SPITFIRE IV	4	N/A
	YKC1335	HUB CAP SILVER	SPITFIRE 1500	4	N/A
	YKC1335C	HUB CAP PLASTIC CHROME SITS	SPIT IV, 1500/GT6 III		N/A
75	628097	SPRING FOR HUB CAP		16	0.35
	633590	SPITFIRE BADGE		4	£2.50
76	YKC1334	TRIUMPH BADGE		4	£2.10
77	21H6210	WHEEL NUT		16	£2.00
78	155753	WASHER FOR NUT		16	0.34
79	YKC2332	WHEEL TRIM RING		4	£11.00

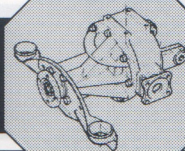


DIFFERENTIALS



★ USE ONLY GEAR OIL TO GL4 SPECIFICATION FOR ALL DIFFS. ADDITIVES IN GL5 GEAR OIL ATTACK THE COPPER THRUST WASHERS FITTED TO ALL UNITS.

DIFFERENTIALS



WHAT DIFFERENTIAL DO I HAVE?

WHAT DIFFERENTIAL DO I NEED?

There are a number of ways of identifying a differential - either by counting the crownwheel teeth and dividing by the number of pinion teeth (e.g. c/wheel 35 pinion 9 $\frac{9}{35} = 3.888$), or by counting the number of turns the front flange requires to turn both output flanges through 360° (or one output flange through 720°) - just more than 3 $\frac{1}{2}$ means 3.63, just more than 4 = 4.11.

By just looking at a differential you can often narrow down the ratio:-
For convenience we split differential units into four types:

TYPE A	Square front pinion flange 5/16 bolt holes all round ($\frac{1}{2}$ AF spanner size). small quarter shaft diameter inside. casing no. G, Y, GA, FC to 120,000.
TYPE B	Square front pinion flange. 5/16 bolt holes all round ($\frac{1}{2}$ AF spanner size). Big quarter shaft diameter inside. Casing no. GE, FC from 120,001.
TYPE C	Square front pinion flange. 3/16 bolt holes on front flange ($\frac{1}{2}$ AF spanner size). $\frac{3}{8}$ bolt holes on output flanges ($\frac{9}{16}$ AF spanner size). Casing no. HB.
TYPE D	Round front pinion flange. $\frac{3}{8}$ bolt holes all round ($\frac{9}{16}$ AF spanner size). Casing no. FH, FK, FR, FD, HC, KC, KD.

Type A and B are indistinguishable from the outside but Type A should not be fitted to Herald 13/60 as the quarter shafts are liable to break. Type C (which was only used for the Vitesse 6 originally) is very prone to quarter shaft failure.

Having decided which differential you have, you may now want to alter the ratio. The following table gives rounded figures for the miles/kilometres per 1000 rpm.

RATIO	MPH/1000	KPH/1000	MPH/1000	KPH/1000
	IN FOURTH GEAR		IN OVERDRIVE TOP	
4.875	13.50	21.50	17.00	27.00
4.55	14.50	23.00	18.00	29.00
4.11	16.00	25.50	20.00	32.00
3.89	17.00	27.00	21.00	33.50
3.63	18.00	29.00	22.50	36.00
3.27	20.00	32.00	25.00	40.00

Bigger wheels, non standard tyres etc., will affect the above figures.

As the supply of reusable crown wheel and pinions is rapidly drying up new crown wheel and pinions have been made but at a price! Why not take advantage of our Customers Own Unit Rebuild Service? For £155.00 we will recondition your own differential as long as the unit is suitable i.e. the crown wheel and pinion is reusable. Old unit must come here first.

DIFFERENTIALS

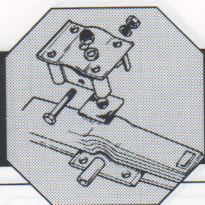
NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE	
		DIFF OILS				
	GGL581	GEAR OIL GL4 ½ LITRE			£1.50	
	GGL541	GEAR OIL PART SYNTHETIC GL4 ½ LITRE			£2.50	
	GGL582	GEAR OIL GL4 5 LITRE			£10.00	
NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE	S/CHARGE
A	D13R	HERALD 948 (WITH TWIN CARBS) (4.55:1)		1	£175.00	£50.00
A	D14R	HERALD 948 SALOON (4.87:1)		1	£175.00	£50.00
A/B	D1R	HERALD/SPITFIRE I, II, III (4.11:1)		1	£175.00	£50.00
C	D1AR	VITESSE SIX (4.11:1)		1	£175.00	£50.00
D	D4R	SPITFIRE IV (3.89:1) 4 STUD		1	£220.00	£100.00
D	D4N	AS D4R WITH NEW CROWN WHEEL & PINION		1	£295.00	£100.00
D	D5R	SPITFIRE 1500 (3.63:1) 4 STUD		1	£220.00	£100.00
D	D5N	AS D5R WITH NEW CROWN WHEEL & PINION		1	£295.00	£100.00
D	D3R	VITESSE 2 LITRE (3.89:1) 6 STUD		1	£220.00	£100.00
D	D3R	GT6 I, II, III TO KE20000 O/D (3.89:1) 6 STUD		1	£220.00	£100.00
D	D3N	AS D3R WITH NEW CROWN WHEEL & PINION		1	£295.00	£100.00

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE	S/CHARGE
D	D6R	GT6 I, II, III TO KE20000 NON O/D (3.27:1)		1	N/A	£100.00
D	D7R	GT6 III FROM KE20001 NON O/D (3.27:1) 4 STUD		1	N/A	£100.00
D	D4R	GT6 FROM KE20000 O/D (3.89:1)		1	£220.00	£100.00

SOME NON STANDARD VERSIONS

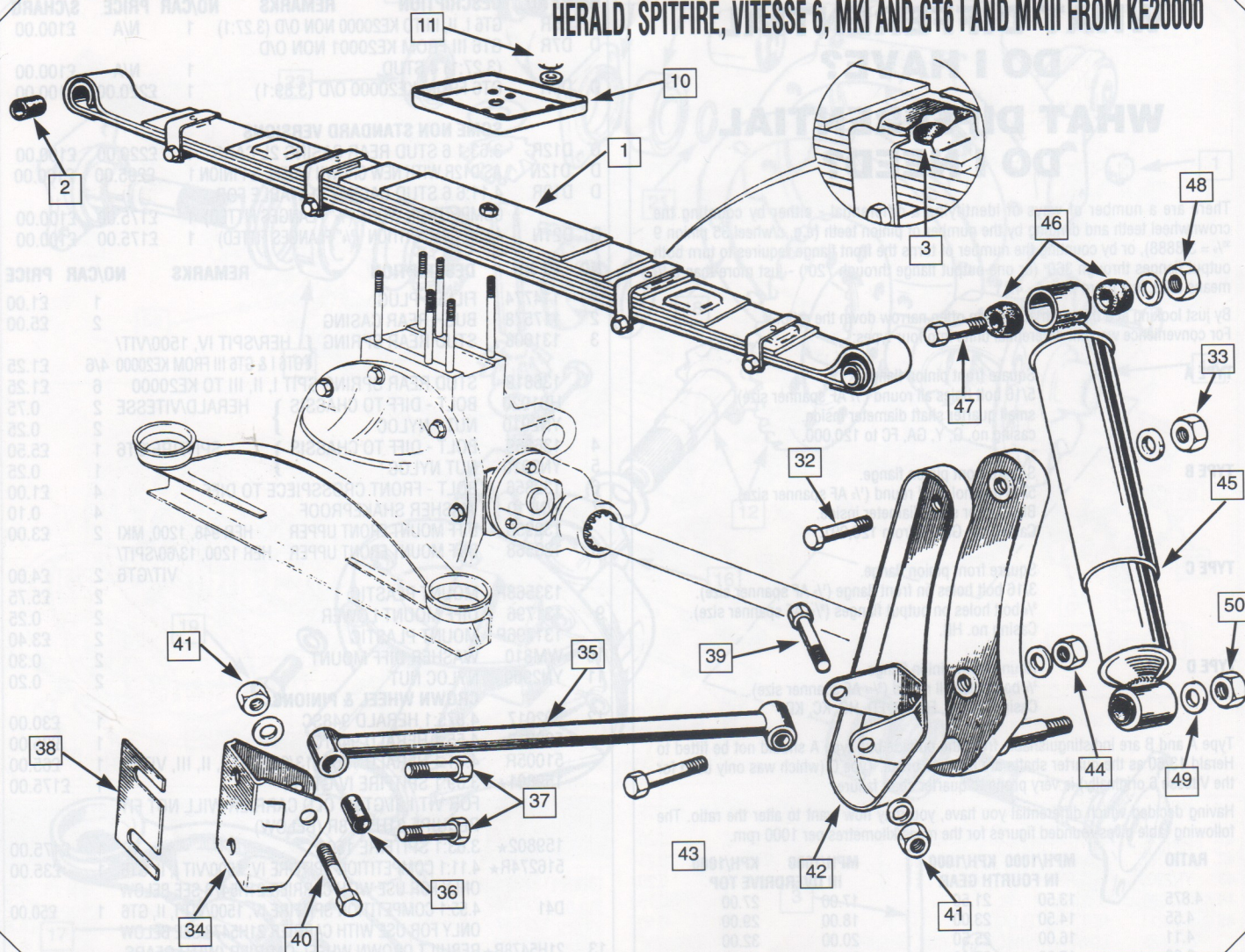
D	D12R	3.63:1 6 STUD REAR CASING 2L CARS		1	£220.00	£100.00
D	D12N	AS D12R WITH NEW CROWN WHEEL & PINION		1	£295.00	£100.00
D	D10R	4.11:6 6 STUD CASING SUITABLE FOR COMPETITION WORK ($\frac{3}{8}$ " FLANGES FITTED)		1	£175.00	£100.00
D	D21N	4.55:1 COMPETITION ($\frac{3}{8}$ " FLANGES FITTED)		1	£175.00	£100.00

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
1	114774	FILLER PLUG		1	£1.00
2	117578	BUSH REAR CASING		2	£5.00
3	131008	STUD REAR SPRING	HER/SPIT IV, 1500/VIT/ GT6 I & GT6 III FROM KE20000	4/6	£1.25
	136818	STUD REAR SPRING SPIT I, II, III TO KE20000		6	£1.25
	HB1020	BOLT - DIFF TO CHASSIS	HERALD/VITESSE	2	0.75
	YN2910	NUT - NYLOC		2	0.25
4	136869	BOLT - DIFF TO CHASSIS	SPITFIRE/GT6	1	£5.50
5	YN2910	NUT NYLOC		1	0.25
6	132856	BOLT - FRONT CROSSPIECE TO DIFF		4	£1.00
7	WN710	WASHER SHAKEPROOF		4	0.10
	132956	DIFF MOUNT FRONT UPPER	HER 948, 1200, MKI	2	£3.00
8	133568	DIFF MOUNT FRONT UPPER	HER 1200, 13/60/SPIT/ VIT/GT6	2	£4.00
	133568P	MOUNT PLASTIC		2	£5.75
9	131796	DIFF MOUNT LOWER		2	0.25
	131796P	MOUNT PLASTIC		2	£3.40
10	WM810	WASHER DIFF MOUNT		2	0.30
11	YN2909	NYLOC NUT		2	0.20
CROWN WHEEL & PINIONS					
12	502017	4.875:1 HERALD 948SC		1	£30.00
	502018	4.55:1 HERALD 948TC		1	£35.00
	51005R	4.11:1 HERALD 1200, 13/60/SPIT I, II, III, VIT 6		1	£65.00
	159801★	3.89:1 SPITFIRE IV/GT6 III FOR VIT I, II/GT6 II OLD CARRIER WILL NOT FIT, REQUIRE 21H5478R (BELOW)		1	£175.00
	159802★	3.63:1 SPITFIRE 1500		1	£175.00
	516274R★	4.11:1 COMPETITION SPITFIRE IV, 1500/VIT I, II, GT6 ONLY FOR USE WITH CARRIER 21H5478 SEE BELOW		1	£35.00
	D41	4.55:1 COMPETITION SPITFIRE IV, 1500/VIT I, II, GT6 ONLY FOR USE WITH CARRIER 21H5478 SEE BELOW		1	£50.00
13	21H5478R★	REBUILT CROWN WHEEL CARRIER (WITH GEARS FITTED). WILL FIT CASINGS FD, HC, KC, KD, FH, FR		1	£35.00
14	130355	CARRIER BEARINGS		2	10.00
15	104557	PINION BEARING OUTER	HER/SPIT I, II, III/VIT 6	2	£12.00
16	104556	PINION BEARING INNER		1	£19.00
17	109054	PINION SEAL		1	£3.50
	130355	CARRIER BEARING	VIT I, II/GT6 I, II	2	£10.00
	GHB105	CARRIER BEARING	SPIT IV, 1500	2	
	UKC4805	CARRIER BEARING	CARRIER 21H5478/GT6 III S1500 (CARRIER RKC1983)	2	£11.00
	BTB440	PINION BEARING OUTER	VIT I, II/SPIT IV	1	£11.00
	134065	PINION BEARING INNER	1500/GT6	1	£14.50
	DAM5079	PINION SEAL		1	£3.50
18	114749	GASKET FRONT/REAR CASE		1	0.25
19	HU808	BOLT - FRONT/REAR CASE		8	0.20
	D25R	REBUILT EXCHANGE OUTPUT SHAFT (INCS ITEMS 20-23) CASINGS G, Y, GA, GD, FC TO 120000		1	£12.00
	D26R	CASINGS FC FROM 120000, GE		1	£12.00
	D27R	VITESSE 6 (HB)		1	£12.00
	D28R	VITESSE I, II/GT6/SPIT IV, 1500		1	£12.00
20	117948	BEARING	CASINGS G, Y, GA, GD, FC TO 120000, HB	2	£4.50
21	121680	CLIP		2	N/A
22	117547	SEAL PLATE		2	N/A
23	117952	SEAL		2	£4.00
24	123803	SCREW		8	0.25
	533360	BEARING		2	£4.50
	139532	CLIP	SPIT III FROM FC120000/HER 13/60	2	0.25
	139530	SEAL PLATE	VIT I, II/GT6/SPIT IV, 1500	2	N/A
	117952	SEAL		2	£4.00
	123803	SCREW		8	0.25



REAR SUSPENSION

HERALD, SPITFIRE, VITESSE 6, MKI AND GT6 I AND MKIII FROM KE20000

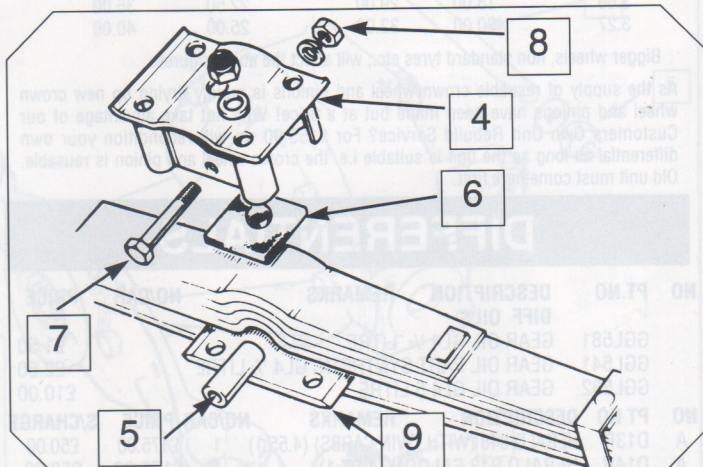


NON ROTOFLEX

HERALD, SPITFIRE, VITESSE 6, MKI AND GT6 I AND MKIII FROM KE20000

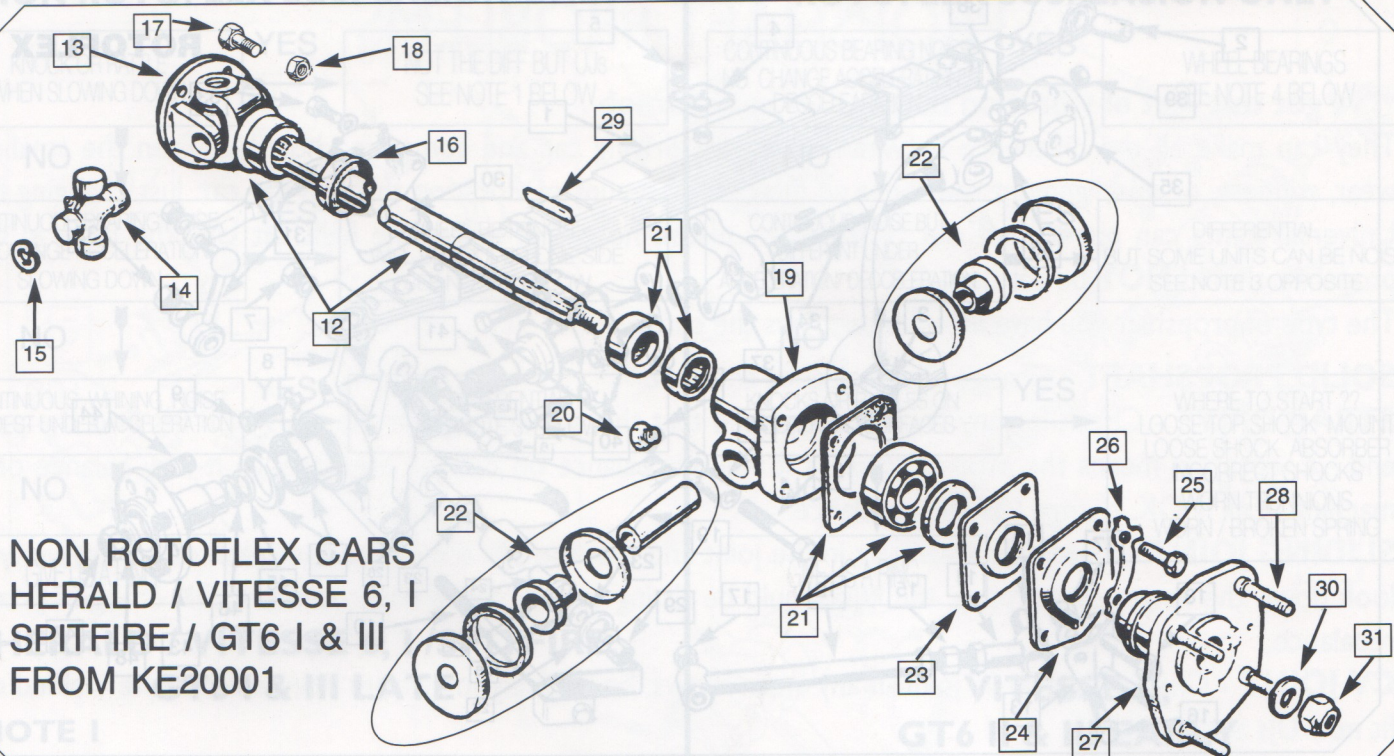
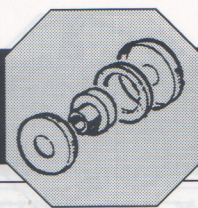
NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
1	305945	REAR SPRING	HERALD EXCEPT EST/VITESSE	1	£79.00
	304860	REAR SPRING	HERALD ESTATE	1	£50.00
	305894	REAR SPRING	SPITFIRE I, II, III	1	£69.50
	159640	REAR SPRING	SPITFIRE IV	1	£69.50
	159654	REAR SPRING SIV FROM FH50,000	1500/GT6III	1	£69.50
2	C8939	SPRING EYE BUSH (SUPPLIED WITH SPRING)			£4.00
3	114006	INTERLEAVE PAD		4/6/8	0.50
4	159641	MOUNT BOX		1	£17.50
5	149190	SPACER TUBE		1	£1.50
6	149191	RUBBER PAD	SPITFIRE IV, 1500	1	£2.00
	149191P	PAD PLASTIC		1	£2.25
7	HB822	BOLT	GT6 III ONLY	1	0.50
8	HN2008	NUT		1	0.20
9	149189	BOTTOM LEAF CLAMP PLATE		1	£6.00
	SSK1*	SWING SPRING CONVERSION KIT HERALD		1	£120.00
	SSK2*	SWING SPRING CONVERSION KIT VIT 6, I		1	£136.00
	SSK3*	SWING SPRING CONVERSION KIT SPIT I, II, III		1	£125.00
	SSK4*	SWING SPRING CONVERSION KIT GT6 I		1	£136.00

* THIS KIT CONVERTS STANDARD NON ROTOFLEX REAR SUSPENSION TO THE LATER SWING SPRING TYPE AND COMPRISES (SWING SPRING AND BOX SECTION, ALL FITMENTS AND THE APPROPRIATE FRONT ANTI ROLL BAR AND CLAMPS). SSK2 AND 4 HAVE REAR BRAKE CONVERSION PARTS INCLUDED. NOTE: SOME PARTS IN KITS ARE SECONDHAND



NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
10	128352R	PLATE SPRING CLAMP HER/SPIT I, II, III/VIT/GT6 I ONLY		1	£5.00
11	YN2909	NUT - SPRING TO DIFF		4/6	0.20
12	128135	HALF SHAFT & YOKE	HER/SPIT I, II, III, IV/VIT/GT6 I TO FH50000	2	£58.00
	155928	HALF SHAFT AND YOKE SPIT IV FROM FH50000	1500/GT6 III	2	£58.00
13	128136	FLANGE TO DIFF	HERALD/SPITFIRE I, II, III	2	£13.00
	37H4973	FLANGE TO DIFF	SPIT IV, 1500/VIT/GT6	2	£15.00

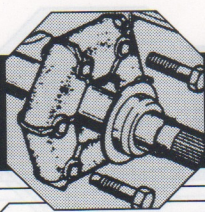
REAR SUSPENSION



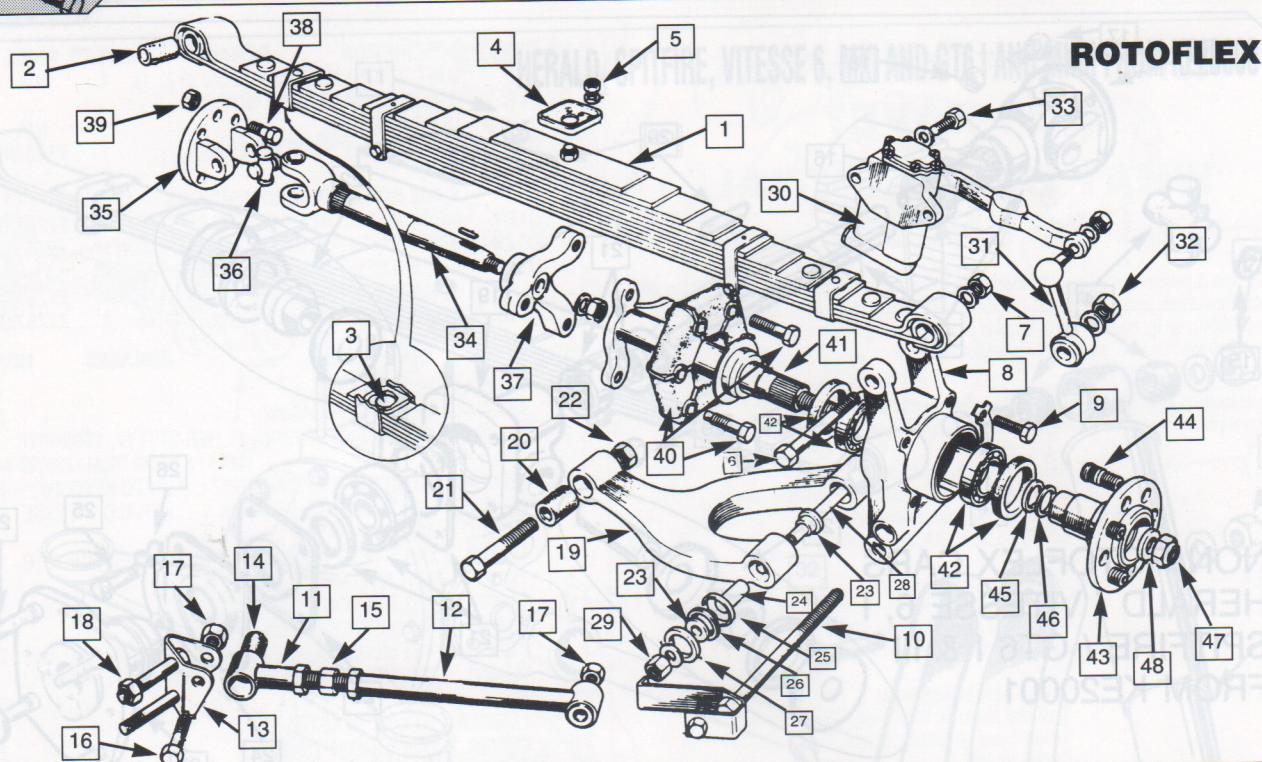
NON ROTOFLEX CARS
HERALD / VITESSE 6, I
SPITFIRE / GT6 I & III
FROM KE20001

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
14	GUJ101	UJ SEALED		2	£6.50
	GUJ115	UJ WITH GREASE NIPPLE	} ALTERNATIVE	2	£7.50
	RHS152	UJ - HEAVY DUTY WITH GREASE NIPPLE		2	£14.00
15	R50	THICKER CLIP TO ELIMINATE CLICKING		A/R	0.25
17	129361K	BOLT/NUT - HALFSAFT TO DIFF	} HERALD/SPIT I, II, III	8	0.65
18	YN2908	NUT		8	0.20
16	128469	STONEGUARD		2	£2.00
17	132023K	BOLT/NUT - HALFSAFT TO DIFF	} SPIT IV, 1500/VIT/GT6	8	0.50
18	YN2909	NUT		8	0.20
19	204226R	BEARING HOUSING (RECON)		2	£25.00
20	122115	BLANKING PLUG	} ALTERNATIVE	2	N/A
	56935	GREASE PLUG		2	0.50
21	GHK1029	WHEEL BEARING KIT (WITH OIL SEALS)		2	£14.50
	128978	INNER OIL SEAL		2	£7.00
	GHS111	OUTER OIL SEAL		2	£1.80
22	514370	TRUNNION KIT		2	£3.50
23	104773	HOUSING OIL SEAL PLATE		2	£2.00
24	104582	GREASE CATCHER		2	£2.50
25	HU807	BOLT - BACK PLATE TO BEARING HOUSING		8	0.20
26	121860	TAB WASHER		4	£1.00
27	FAM2004	HUB & STUD ASSY.		2	£141.00
	FAM2004R	HUB & STUD ASSY. (RECON) WITH NEW STUDS		2	£25.00
28	158729	WHEEL STUD		8	£2.25
29	104581	KEY		2	£1.00
30	142333	WASHER		2	0.35
31	510618	NUT - NYLOC		2	0.70
32	HB1027K	BOLT/NUT - SPRING EYE		2	0.85
33	YN2910	NUT		2	0.25
RADIUS ARM - HERALD/VITESSE					
	120045	PIVOT BRACKET RH		1	£5.00
34	120044	PIVOT BRACKET LH		1	£5.00
35	132912	RADIUS ARM		2	£10.00
	119451P	BUSH PLASTIC		4	£5.00
36	119451	BUSH		4	£1.00
37	HB924	BOLT BRACKET TO CHASSIS		4	0.60
	YN2909	NUT		4	0.20
38	118825	SHIM - ADJUST TOE IN		A/R	0.50

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
SPITFIRE I, II, III, IV TO FH 50000					
	151966	PIVOT BRACKET RH		1	£9.80
34	151967	PIVOT BRACKET LH		1	£9.80
35	133065	RADIUS ARM		2	N/A
36	119451	BUSH		4	£1.00
	119451P	BUSH PLASTIC		4	£5.00
SPITFIRE IV FROM FH50000/SPITFIRE 1500					
	159842	PIVOT BRACKET RH		1	£8.00
34	159843	PIVOT BRACKET LH		1	£8.00
35	155930	RADIUS ARM		2	N/A
36	119451	BUSH		4	£1.00
	119451P	BUSH PLASTIC		4	£5.00
GT6					
	146315	PIVOT BRACKET RH	} GT6 I	1	N/A
34	146316	PIVOT BRACKET LH		1	N/A
35	146317	RADIUS ARM		2	N/A
37	HB914	BOLT PIVOT BRACKET ATTACH.		4	0.20
	159841	PIVOT BRACKET RH	} GT6 III	1	£13.00
34	159840	PIVOT BRACKET LH		1	£13.00
35	159855	RADIUS ARM		2	N/A
36	119451	BUSH REAR		2	£1.00
	119451P	BUSH PLASTIC	} IN RADIUS ARM	2	£5.00
	146321	BUSH FRONT		2	£9.50
ALL MODELS					
38	133070	SHIM ADJUST TOE IN	SPITFIRE/GT6 A/R		£1.00
39	HB918K	BOLT/NUT ARM REAR		2	0.50
40	HB918K	BOLT/NUT RADIUS ARM FRONT	HERALD/VITESSE	2	0.50
	HB922	BOLT RADIUS ARM FRONT	GT6	2	0.60
41	YN2909	NUT FOR BOLTS		4	0.20
	132764	REAR VERTICAL LINK LH		1	£25.00
42	132763R	REAR VERTICAL LINK RH		1	£18.00
43	HB1027K	BOLT/NUT - THROUGH TRUNNIONS		2	0.85
44	YN2910	NUT		2	0.25
45	GSA385	SHOCK ABSORBER REAR (INC. BUSHES)		2	£17.50
46	102987	BUSH - SHOCK ABSORBER		8	0.65
	102987P	BUSH PLASTIC		4	£5.50
47	118599K	BOLT/NUT SHOCK TOP MOUNT.		2	£4.00
48	TN3211	NUT FOR BOLT		2	0.50
49	WM69	WASHER	} SHOCK LOWER ATTACHMENT	2	0.30
50	YN2910	NUT		2	0.25



REAR SUSPENSION



ROTOFLEX

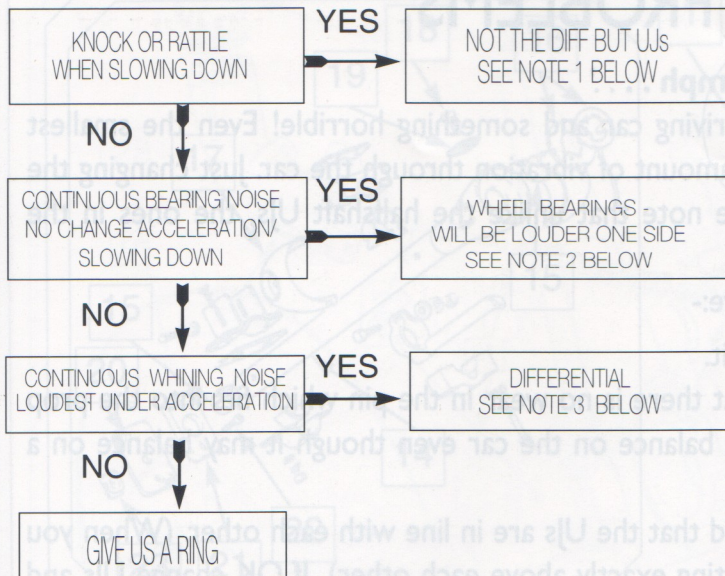
REAR SUSPENSION VITESSE II / GT6 II, III TO KE2000

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
VITESSE					
1	308485	REAR SPRING VITESSE II		1	£79.00
	307499	REAR SPRING GT6 II / III		1	£69.50
2	C8939	SPRING EYE BUSH (SUPPLIED WITH SPRING)		2	£4.00
3	114006	INTERLEAVE PAD		6/8	0.50
4	128352R	PLATE - SPRING TO DIFF		1	£5.00
5	YN2909	NUT		6	0.20
6	HB1032K	BOLT/NUT	SPRING TO VERTICAL LINK	2	0.85
7	YN2910	NUT		2	0.25
	308437	VERTICAL LINK RH		1	N/A
8	308438	VERTICAL LINK LH		1	N/A
9	HU907	BOLT BRAKE BACKPLATE		8	0.25
	149426	TAB WASHER		4	£2.00
	148975	BRACKET ASSY. RH		1	£19.50
	148976	BRACKET ASSY. LH		1	£19.50
11	151182	EYE FRONT ASSY.	VITESSE	1	£11.50
12	151185	EYE REAR ASSY.		1	£14.50
	151847	BRACKET TO CHASSIS RH		1	£12.50
13	151848	BRACKET TO CHASSIS LH		1	£12.50
	151093	EYE FRONT ASSY.	GT6	1	£11.00
	151094	EYE REAR ASSY.		1	£14.00
	148963	BRACKET TO BODY		2	£6.00
14	119450	BUSH RADIUS ARM		4	£2.50
	119450P	BUSH PLASTIC		4	£4.50
15	151099K	RADIUS ARM ADJUSTER (WITH NUTS)		2	£11.00
16	HB1020K	BOLT/NUT RADIUS ARM BUSH		4	0.80
17	YN2910	NUT		4	0.25
18	YN2909	NUT - BRACKET TO BODY/CHASSIS		4	0.20
	149769	LOWER WISHBONE RH WITH ITEM 20		1	£30.00
19	149770	LOWER WISHBONE LH WITH ITEM 20		1	£30.00
20	548208	BUSH		2	£5.50
	548208P	BUSH PLASTIC		2	£6.65
21	HB1124K	BOLT/NUT WISHBONE TO CHASSIS		2	£1.10
22	YN2911	NUT		2	0.25

NO	PT NO	DESCRIPTION	REMARKS	NO/CAR	PRICE
23	148926	BUSH - TRUNNION	WISHBONE TO LINK SEE KIT BELOW	8	£2.50
24	148948	TUBE - STAINLESS		4	£6.00
25	148939	WATERSHIELD		8	0.60
26	148950	DIRT SEAL		8	0.40
27	148940	WATERSHIELD		8	0.60
	R10	TRUNNION KIT INC. ITEMS 23, 24, 25, 26, 27		2	£27.00
28	149003K	BOLT/NUT		2	£6.00
29	YN2911	NUT		2	0.25
30	GSA277	EXCHANGE RECON. LEVER ARM RH (S/CHARGE £25.00)		1	£35.00
	GSA278	EXCHANGE RECON. LEVER ARM LH (S/CHARGE £25.00)		1	£35.00
31	150842	LINK	VITESSE	2	£21.50
32	YN2911	NUT LINK TO VERTICAL LINK	GT6	2	0.25
33	51969	BOLT MOUNTING LEVERS		4	0.50
	YN2909	NUT FOR BOLT		4	0.20
	GSA280	SHOCK ABSORBER		2	£25.00
	148969	BOLT TOP SHOCK MOUNT		2	£6.00
	YN2911	NUT SHOCK ATTACHMENT		4	0.25
34	214623	INNER AXLE SHAFT - INCLUDES FLANGE AND UJ		2	£60.00
	214623R	INNER AXLE SHAFT RECON, INCLUDES ITEM 37		2	£50.00
36	GUJ115	UJ WITH GREASE NIPPLE	ALTERNATIVE	2	£7.50
	GUJ101	UJ SEALED		2	£6.50
	RHS152	UJ HEAVY DUTY WITH NIPPLE		2	£14.00
37	212067	COUPLING FLANGE		2	£26.00
38	132023K	BOLT/NUT INNER AXLE SHAFT TO DIFF		8	0.50
39	YN2909	NUT		8	0.20
40	GCD301	ROTOFLEX COUPLING INC. BOLTS (METALASTIC)		2	£45.00
41	214614	OUTER AXLE SHAFT		2	N/A
	149865	STONEGUARD		2	N/A
	148850	SPACER		2	N/A
42	GHK1528	WHEEL BEARING KIT WITH OIL SEALS		2	£15.50
	GHS130	OUTER OIL SEAL		2	£2.30
	GHS125	INNER OIL SEAL		2	£4.00
43	149051	HUB AND STUD ASSY.		2	£65.00
44	158729	WHEEL STUD		8	£2.25
45	152483	DISTANCE PIECE .139"	A/R		£5.00
	152486	DISTANCE PIECE .148"	A/R		£1.50
46	140793	SHIM .003"	A/R		0.25
	140791	SHIM .010"	A/R		0.25
47	510618	NUT - HALF SHAFT END		2	0.70
48	142333	WASHER		2	0.35

REAR END NOISES

NON ROTOFLEX SUSPENSION ONLY



HERALD / VITESSE 6, I / SPITFIRE, GT6 I & III LATE

NOTE 1

A rhythmic knocking when slowing down is caused by Universal Joint problem, either due to:-

- (1) Worn Universal Joints
- (2) Worn yoke or flange
- (3) End float in UJ

Wear in the UJ is cured by replacement, but read on

Wear in the yoke or flange is evident from the circlip rubbing against the UJ and causing a shiny ring, and the only permanent cure is replacing the flange or halfshaft & yoke assembly.

If all the above has been done and still there is this tapping noise . . . end float in the UJs is the answer and this is cured by fitting oversized circlips to give preload (tightness) in both planes.

NOTE 2

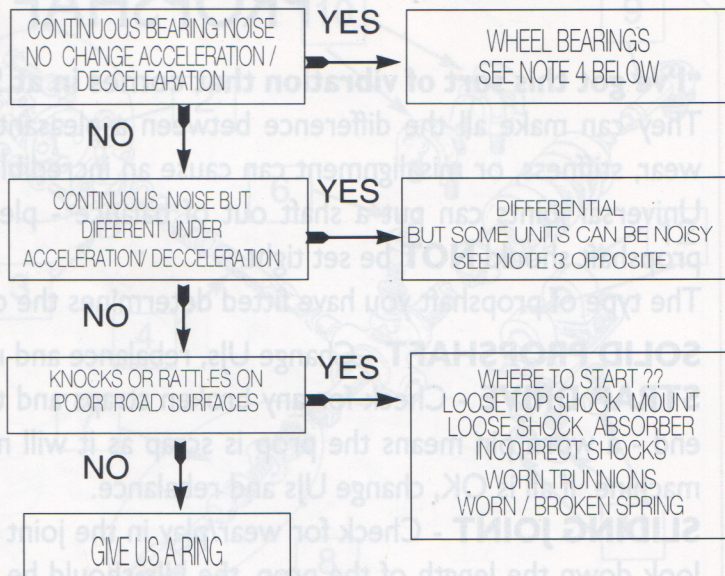
When the needle roller starts to wear it eats its way into the shaft causing a graunching grinding noise of munched metal from one side of the rear of the car. Often the noise is worse with light cornering. This is an expensive noise as it invariably means the halfshaft is scrap and must be replaced. Putting the job off until the noise is excruciatingly loud can result in damage to the bearing housing. To do any work on the shaft required the removal of the hub - a job which must be done with the proper equipment to avoid scrapping the hub. A three legged puller will rarely do the job - in our experience the original Churchill designed tool is the only one to have a 100% record. Customers are welcome to bring their own hub units to have the hub separated. Our labour charges are as follows:-

Pulling the hub **£5.00**
Rebuilding shaft **£10.00**

NOTE 3

The differential gets blamed on all too many occasions when experience has shown that in general differentials do not cause knocking, vibration, or rattling. Whining is usually a sign that the hardening on the crown wheel has worn through and the noise will be loudest on acceleration either disappearing entirely or becoming very low on overrun/deceleration. The pinion bearings can be a problem but the noise is from the centre of the car (not on one side) and is very short term - ie, the bearing collapses, the oil leaks out and the differential seizes.

ROTOFLEX SUSPENSION ONLY



VITESSE II, GT6 II & III EARLY

Rotoflex suspension has problems all of its own and each one is **EXPENSIVE**. Unlike the simpler non rototflex set up, the Universal Joints do not knock to give warning of wear, they are silent but deadly, when they go they explode, often destroying the flange or/and inner axle shaft. The trunnion bushes seize onto the 7.5" long lower bolt which often needs drilling out. Rotoflex couplings will wear out with monotonous regularity if the suspension isn't correctly set up and maintained or if cheap alternative couplings are used. If the threads on the outer axle shaft get damaged and cannot be reclaimed a new outer shaft will be needed. The hubs do not require a special tool to pull, but the bearing surface must be carefully inspected before re-use.

NOTE 4

Replacement wheel bearings should be re-shimmed to give the correct end float/preload. In most cases replacing the equivalent shims and spacers from the old unit will give an acceptable result but if the hub has been replaced or the unit assembled from parts, then the following procedure should be followed:-

- (1) Fit bearing cups into vertical link.
- (2) Fit outer race and outer shell into vertical link.
- (3) Fit hub making sure it is fully down.
- (4) Fit inner race.
- (5) Put spacer and shims in place - measure across bearing inner race with straight edge and feeler gauge such that the hub and shims are 0.001 - 0.002 higher than and inner bearing race.
- (6) Fit outer axle shaft fully home and tighten nut to 90ft/lb.
- (7) You should feel VERY slight play - if you can feel end float reduce shims - if preload, increase shims.
- (8) When correct take apart, grease and fit inner seal. Don't forget a new Metalastick Rotoflex.

PROPSHAFT

PROPSHAFT PROBLEMS

"I've got this sort of vibration that comes in at 55mph . . ."

They can make all the difference between a pleasant driving car and something horrible! Even the smallest wear, stiffness, or misalignment can cause an incredible amount of vibration through the car. Just changing the Universal joints can put a shaft out of balance - please note that unlike the halfshaft UJs, the ones in the propshaft should **NOT** be set tight.

The type of propshaft you have fitted determines the cure:-

SOLID PROPSHAFT - Change UJs, rebalance and refit.

STRAP DRIVE - Check for any broken straps and that there is no wear in the pin which fits into the prop end - a worn pin means the prop is scrap as it will not balance on the car even though it may balance on a machine. If all is OK, change UJs and rebalance.

SLIDING JOINT - Check for wear/play in the joint and that the UJs are in line with each other. (When you look down the length of the prop, the UJs should be sitting exactly above each other). If OK change UJs and rebalance.

CV JOINT - Check for wear in joint. If any wear shows, have sliding joint from Marina/Dolomite welded on, fit new UJs and rebalance.

Propshaft lengths

Herald	50"	1.27m
Herald with Overdrive (3 rail)	46.5"	1.18m
Herald with overdrive (single rail)	45.5"	1.16m
Vitesse	47"	1.19m
Vitesse with overdrive	43.5"	1.10m
Spitfire I-IV	41.25"	1.05m
Spitfire I-IV with overdrive	38"	.97m
Spitfire 1500	38"	.97m
Spitfire 1500 with overdrive	37"	.94m
GT6	38.75"	.99m
GT6 with overdrive	35.25"	.90m

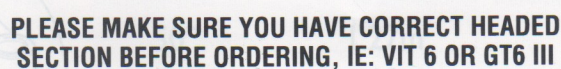
Pt No.	Description	No/Car	Price
GUJ101	Universal Joint	1 or 2	£6.50
GUJ115	Universal Joint with grease nipple	1 or 2	£7.50
143215	Strap Herald 13/60, Spit. IV, 1500, (when fitted)	8	N/A
128136	UJ Flange Herald / Vitesse 6, & Spit. I-III.	2	£13.00
129361K	Bolt and nut for flange	8	£0.50
37H 4973	UJ Flange Vitesse 2L / GT6, Spit. IV, 1500.	2	£16.00
132023K	Bolt and nut for flange	8	£0.50

* Replacing UJs (labour only)

£5.00

*This service is normally offered on a **"While you wait"** basis but it is always advisable to ring beforehand to arrange a convenient time. Any parts will be charged extra.

39



BRAKES

ABF003 SILICON BRAKE FLUID, HALF LITRE	£11.00
ABF004 SILCON BRAKE FLUID, ONE LITRE	£20.00

H75 **REPLACEMENT SERVO KIT, LOCKHEED**
ALL MODELS