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## FLUIDS

### OILS AND GREASE

Revington TR strives to offer the best selection of oils for our Classic Cars. We have now added Rock Strata to our existing range of Penrite, Amsoil and Morris, there now should be something for everyone.

#### PENRITE

Penrite have done much to further the reintroduction of older specification oils such as 20W/50 and their popular 20W/60 engine oil. As Penrite stockists we can supply all products in their range. Please ask for a list.

RTR5060-5	20W/50. Engine oil. 5 litre pack.
RTR5002-1	HPR30 20W/60. Engine oil detergent type. 1 litre pack.
RTR5002-5	HPR30 20W/60. Engine oil detergent type. 5 litre pack.
RTR5001-1	HPR40 25W/70. Engine oil detergent type. 1 litre pack.
RTR5001-5	HPR40 25W/70. Engine oil detergent type. 5 ltr pack.
RTR5003	Shelsley 40 engine oil. Non-detergent type. 5 litre pack.
RTR5004	Run in oil. Use this oil to ensure rapid and complete bedding in to reduce the risk of bore glazing. 5 litre pack.
RTR5005	Gear oil 30 grade. Suitable for replacing EP80 in gearboxes. 1 ltr pack.
RTR5006	Gear oil 40. Suitable for replacing EP90 in gearboxes. 1 ltr pack.
RTR5019	Hypoid 80W/90. Rear axle oil. 1 ltr pack.
RTR5007	Hypoid 85W/140. Rear axle oil. 1 ltr pack.
RTR5008	LSD85W-140. Special formulation for use with limited slip differentials. 1 ltr pack.
RTR5009	Damper oil. Correct grade for all lever arm dampers. 1 ltr pack.
RTR5010	Steering box lubricant. Used in TR2-3B steering boxes. It's a fun game getting this semi grease into your steering box but works well once it's in and won't dribble out as fast as you put it in like SAE80 does! 0.5 ltr pack.
RTR5011	Graphite grease. Water resistant calcium based grease with graphite. Used for track rod ends, ball joints, splines, UJ's etc. 400G tube.
RTR5012	Camshaft lubricant. Provides a residual lubrication on start-up of new engines. Use as an assembly compound. 40g tube.
RTR5013	SU carburettor dashpot oil. 125ml bottle.
RTR5020	Semi fluid grease 500ml

#### AMSOIL

Amsoil are one of the oldest established synthetic oil manufactures. Synthetic oils tend to last much longer, thus ensuring that the engine has good quality oil right through its life. Synthetic oil also tends to reduce frictional losses in engines, axles and gearboxes

*NOTE: Some Amsoil products are packed in US quantities e.g. US gallons. For ease of reference these are listed converted to litres.*

RTR5016-1	Engine oil, fully synthetic 20W/50 1 litre.
RTR5016-5	Engine oil, fully synthetic 20W/50 5 litre.
RTR5016-9.5	Engine oil, fully synthetic 20W/50 9.5 litre.
RTR5403	Engine oil. Fully synthetic 15W/40 5 litre.
RTR5029-.94	Gear oil, fully synthetic 75W/90 0.946 litre.
RTR5029-5	Gear oil, fully synthetic 75W/90 5 litre.
RTR5029-9.5	Gear oil, fully synthetic 75W/90 9.5 litre.
RTR5158	Petrol additive. Cleans dirty injectors and intake valves. 480ml bottle.

RTR5168	Multi-purpose grease. Suitable for wheel bearings etc. Tub 228grns.
RTR5235	Heavy duty grease. Suitable for trunnions, ball joints, cables, drive shafts etc. Tub 454gms.
RTR5201	Metal protect. Lubricates and protects, will not evaporate like many other loose juice products. 248gms aerosol.
RTR5202	Carburettor cleaner. Lifts gum from engine intake components. 510gms aerosol.

#### MORRIS LUBRICANTS

Morris lubricants are the largest privately owned independent lubricant manufactures in the world. Established in 1869 Morris is well placed to specify suitable products for older cars.

RTR5244	Servol 15W/50 engine oil 5 ltr.
RTR5245	Ankor wax for under body protection 5 ltr.
RTR5279	Golden Film 20W/50 5 ltr.
RTR5430	Gear Oil EP80W/90 1 ltr pack.

#### ROCK OILS

Rock oils manufacture a range of oils, including racing products which are suitable for the TR range.

RTR5378-1	Rock Strata 20/50 engine oil. This mineral oil has synthetic additives to provide better clinging properties than synthetic oil, useful if your engine lies idle for a long time
RTR5378-5	As RTR5378-5 in 5ltr container

We keep a selection of products from the Rock range, including their 20/60 engine oil, which has an incredible propensity for maintaining oil pressure in engines where the oil pressure falls off when hot.

RTR5418-1	20W/60 Semi synthetic Racing Engine Oil. 1 litre container. This product is very useful where an engine runs with large bearing clearances. With Rock 20W/60 engine oil, tick over oil pressure is maintained.
RTR5418-4	As RTR5418-1 in 4ltr container.

#### BRAKE FLUID

We supply DOT 5 Silicone Brake fluid. This fluid is non-hydroscopic, which means it won't absorb water like conventional Polyglycol, thus ensuring a longer life of your brake systems internals.

*Please note that Silicone brake fluid needs changing every 18 months just like conventional brake fluid.*

RTR4052	500ml pack.
RTR4053	1 ltr pack.

In addition we supply standard mineral based fluid and Castrol Racing fluid. Nothing we have come across has the anti-fade properties of Castrol Racing fluid. A must for competition cars, particularly race and stage rally.

GBF4102	Brake fluid 500ml pack.
GBF303	Brake fluid 1 ltr pack.
RTR5115	Castrol response super Dot 4 Polyglycol brake fluid, with dry boiling point of 280°C. Suitable for fast road cars. 1 ltr pack.
RTR5116	Castrol SRF Polyglycol racing brake fluid, with dry boiling point of 300+°C. Suitable for race and rally cars as used in many Formula 1 cars. 1 ltr pack.

#### UNLEADED FUEL ADDITIVES

Revington TR has prepared a paper on the subject, which can be found on our Web site [www.revingtontr.com](http://www.revingtontr.com), or we can send this to you. Please ask for information sheet IS0021. Should you wish to

use a lead replacement additive we offer the following products, which have exceeded the Federation of British Historic Vehicle Clubs (FBHVC) test requirements. TR7 $\phi$  and TR7 V8 $\phi$  with rover engines do not need lead replacement additives as these engines are designed to run on unleaded fuel.

RTR5326	Superblend zero lead 2000. 500ml bottle treats 135 ltrs of fuel.
RTR5327	Millers CVL plus. Lead substitute and octane booster. 250ml bottle treats 20 ltr of fuel.
RTR5327-1	Rock Oil, Synthetic XRP fuel enhancer. Protects against valve seat recession whilst boosting octane by 3 points. This product also helps to clean the fuel system. 250ml will treat 40 litres of petrol.

### SCREEN WASH

RTR5220	Screen wash 125ml.
RTR5021	Screen wash fluid 5 ltrs.

### COOLING SYSTEM FLUIDS

#### EVANS WATERLESS ENGINE COOLANTS

Revington TR have tested Evans Waterless engine Coolant with excellent results; we recommend this coolant for any car old or new.

The coolant is completely water free and therefor will not boil, will not assist corrosion and operates at much reduced pressure thus improving the longevity of hoses, the water pump, seals and other cooling system components.

Evans prep fluid is used to condition the system, its primary role is to remove water from the system, 5 litres will be enough for systems up to 8 litres capacity. This part of the process is not necessary if the engine is already dry. The system is then filled with the correct amount of Evans Classic Cool 180, which is available in multiples of 5 litres.

For reference TR $\phi$  have the following capacities: -

TR2-4A	approximately 8 litres
TR250, 5, 6	approximately 6.5 litres
TR7	approximately 7.6 litres
TR8	approximately 11 litres

Evans Classic Cool 180 is suitable for all classic and modern cars and motorbikes. In addition we can supply Vintage Cool 180 which is specially formulated to suit vintage cars and motorbikes as well as Power Cool 180 which is suitable for racing cars and motorbikes. Ask for Information sheet IS0046 for further details.

RTR5205-1-1	Evans Classic Cool 180 1 Litre container
RTR5205-1-2	Evans Classic Cool 180 2 Litre container
RTR5205-1-5	Evans Classic Cool 180 5 Litre container
RTR5205-2-5	Evans Hygroscopic Prep Fluid 5 Litre container

### OTHER COOLING SYSTEM PRODUCTS

RTR5450	Thoro-flush 454 grams. Engine Cooling System flush; can be used on its own or in combination with RTR5451 and RTR5452. Leaves cooling system free of rust and sludge.
RTR5451	Ceramic Motor Seal. 455ml. This space age sealant coats the inside of the cooling system with a ceramic layer capable of sealing minor cracks. The coating also provides an anti-corrosion layer. Order RTR5450 as well to flush the system first.
RTR5452	All Weather Seal. 455ml.

This product will benefit all engines by sealing minor anti-freeze leaks past hoses and gaskets whilst lubricating the water system seals. This product can be left in the system with anti-freeze.

Order RTR5450 as well to flush the systems first.

RTR5221	Engine flush 350ml. Detergent based flushing concentrate. Revitalizes gummed up engines.
RTR5018	Inhibitor fluid for engine cooling systems. Very effective at combating internal engine corrosion. A must for all TR engines especially TR7/8 with alloy heads. 0.3 litres needed to condition one system.
RTR5105	Bars leaks. Heavy duty radiator sealing pellet. 50gm
RTR5449	Racing Cool. A coolant additive which reduces surface tension, ensuring maximum heat transfer from the water jacket to the coolant. This product has anti corrosion properties too. 250ml bottle, enough to treat 10 litre of coolant.

### MISCELLANEOUS FLUIDS & GREASE

RTR9001	Sachet of Metaflux assembly compound - titanium based. For assembly of suspension etc.
RTR9001S	Sachet of SuperPro assembly compound for polyurethane suspension bush assembly.
RTR5176	PTFE spray 160ml ideal for lubricating squeaking suspension bearings, door, locks, electrical aerials etc.
RTR5102-5	Brake dust control. 500ml; safely controls harmful brake dust and cleans components.
RTR5103	Power blast 160ml. Carburettor and injection cleaner. Removes varnish, gum and resins easily.
RTR5226	Copper grease High temperature lubricant (up to 1100°C) Aerosol can 500ml
RTR5012-1	Camlube (Camshaft lubricant) provides a residual lubrication on start-up of new engines. Whilst called Camlube, this product should be used as an assembly compound on all moving engine components. 250ml
RTR5012	Camlube as RTR5012-1 but 40g tube
RTR5370	Triple clean . fuel system cleaner

### GASKET PAPER & SEALANT

#### GASKET PAPER

RTR5410-15	Gasket paper 1.5mm
RTR5410-25	Gasket paper 0.25mm
RTR5410-80	Gasket paper 0.80mm

#### SEALANT

TDC5001-125	Heldite Jointing Compound. This excellent jointing compound is supplied in a tin with an applicator brush. Heldite provides a perfect gas and fluid seal.
TDC5001-250	As TDC5001-125 in 250ml tin with applicator brush
TDC5001-500	As TDC5001-125 in 500ml lever lid tin
600569A	Wellseal. Gasket sealer as originally specified by Triumph.
RTR5353	Wurth pipe seal. Ideal for sealing head stud nuts to prevent water seepage.
RTR5043	Hylomar. Blue general-purpose gasket sealer.

## PAINT AND PROTECTIVE WAX

### TOUCH-UP PAINTS

Many of Triumphs original paint colours are available in 125ml touch-up tins and 400ml aerosols.

Please bear in mind that your car may not be an exact shade match to the original colour.

Part numbers start '€C' followed by a suffix for colour group and shade variation. Please order by original colour name.

For example: -

CCBU12	Midnight blue.
CCRD32	Signal Red.

Please see the website for full list.

### OTHER PAINT PRODUCTS

PPD18QD	Fast drying rust stabilizing primer, which converts surface corrosion into magnetite by lowering the oxide level of existing corrosion. Any loose or friable rust must be removed prior to application.
PPD17	Corroless T. A combined top coat and rust stabilizing primer with glass reinforcement. Coal tar based. Suitable for underbody protection where a high gloss finish is not required. Cannot be over coated.
MRD1048A	Crackle black paint 12oz aerosol.
RTR5264	Metal Protect spray. Keeps otherwise unprotected surfaces, sparkling and corrosion free.
UBZ401	Silver wheels 400ml aerosol.
RTR5501-10	Netphos 50 de-rusting and stabilising fluid. Water based de-rusting agent which is most economical as it is diluted in water 50%. 10 litre container.

### GLASS GUARD

Glass reinforced polyurethane modified alkali top coat Ideal for chassis and under body protection. Available in standard colours or by special order to match your requirements.

PPD19	Glassguard. Standard colours per ltr usually sold in 5ltr tin.
PPD19SP	Glassguard. Special colours per ltr usually sold in 5ltr tin.

### CAVITY WAX

For use in enclosed body sections, this product does not operate by capillary action alone, as do other wax injection systems. This product operates by vapour phasing. This means that water is displaced from the surface of the substrate and replaced with a MONO MOLECULAR film of wax, which is self-repairing.

Application: The correct quantity (1 LTR is sufficient for a TR3A chassis) is sprayed into the enclosed space and temporarily sealed for 7 days with grommets/tape to allow for vapour phasing to take place. After this time grommets can be removed and any moisture inside will evaporate leaving a wax film inside. Ensure wax hasn't formed over drain holes.

This system should not require maintenance for a minimum of 4 years.

RTR9030-1	1 ltr can of cavity wax.
RTR9030-5	5 ltr can of cavity wax.
RTR9030-SC	Spray can for application of cavity wax.
RTR9031	Solvent base low viscosity version of RTR9030-1. For use as an inhibitor. Ideal for inhibiting electrical equipment particularly distributors,

tanks and PI systems when not in use. 1 ltr pack.

RTR5245 Ankor Wax. Underbody general protection. 5 ltr.

## FASTENERS, NUTS, WASHERS, BOLTS, SCREWS

For your convenience we have adopted an extremely convenient method of part numbering bolts and screws, which has now been expanded to include washers, nuts, and studs etc. Many different sizes are listed in our price list as examples; other sizes are available on request. An explanation of how the system works follows each heading.

### BOLTS

Many sizes are listed in our price list prefixed BH, (bolt, hex head) the part number specifies the bolt type and size. For example bolts beginning BH1 are metric, BH2 are BSF, BH3 for BA, BH5 are UNC and bolts beginning BH6 are UNF. As follows:

1 <sup>st</sup>	Number denotes thread type: 1, metric etc.
2 <sup>nd</sup> & 3 <sup>rd</sup>	Denotes bolt diameter: English units: increments 16th of an inch Metric units: increments of 1mm. BA where the BA size is used.
4 <sup>th</sup> & 5 <sup>th</sup>	Indicates length: English units: increments 8ths of an inch Metric units: Increments 5mm
6 <sup>th</sup>	The last digit is reserved for variations and finish as follows:

0 = High tensile, (no particular suffix)  
1 = BZP,  
2 = Black,  
3 = Chrome.  
4 = Stainless Steel  
5 = Non standard pitch BZP  
6 = Further non standard variations

Therefore BH605131 is a 5/16" UNF x 1 5/8+bolt with BZP finish. Cap head bolts are prefixed BC.

### SCREWS

The same system as used for bolts is used for Screws, except that the prefix is SH for screw hex head and metric length are listed in 5mm increments. Therefore SH605101 is a 5/16+ UNF x 1 1/4+ screw, and SH105141 is an M5 screw 14mm long. Other screws are prefixed as follows: -

	Prefix
Hexagon Head	SH
Countersunk	SK (measured from the face to the end of the thread)
Cap Head	SC
Dome Head	SD
Cheese Head	SZ
Pan Head	SN
Grub	SG

#### Last number variation

1 = Slot BZP  
2 = Pozi BZP  
3 = Socket hex BZP  
4 = Socket hex black  
5 = Pozi raised chrome  
6 = Slot BZP Pointed  
7 = Non standard variations



### NUTS

The same system, as used for bolts applies to nuts adapted as follows:

Prefix:

NP = plain nut

NY = nyloc nut,

NC = castellated (measured to the base of the castellation)

NS = philidas

NV = All steel locking nut

In this series, the first number indicates thread type as for bolts. The second and third numbers define thread size in 1/16<sup>th</sup> of an inch or 1mm, except BA where the BA size is used. The fourth and fifth numbers indicate the thickness in 1/32" or 1 mm. The last digit is reserved for variations and finish as follows:

1 = BZP

2 = Hardened

3 = AF variations

4 = Stainless Steel

5 = LH Thread

6 = Other stated variations

7 = Brass

### MAJOR NUT AND BOLT PACK

The following general pack contains most of the nuts, screws, Bolts and washers required when undertaking major work on a TR2-6. The pack contains over 1200 pieces. Wing fittings kits should be ordered separately as should cage nuts and cages.

RTR5133 TR2-6 major nut and bolt pack.

### CAGE NUTS

Used mainly on TR2-3B, a square nut is captivated in a cage.

FQ34044  $\frac{1}{4}$ " Type Caged nut 10-32 UNF

CN1 Nut cage  $\frac{1}{4}$ " UNF

CN2 Cage for CN1 nut

CN3 Long cage to enable CN1 to slide for adjustment.

RTR5135 Cage for 5/16" and 3/8" UNF nuts.

RTR5136 5/16" UNF square nut.

RTR5137 3/8" UNF square nut.

### SPIRE NUTS

RTR5092 No. 4 spire nut  $\frac{1}{4}$ " type

RTR5097 No. 4 spire nut flat type

RTR5036 No. 4 spire nut  $\frac{1}{4}$ " type 10 x 8mm

RTR5093 No. 6 spire nut  $\frac{1}{4}$ " type

RTR5098 No. 6 spire nut flat type

RTR5032 No. 6 spire nut  $\frac{1}{4}$ " type 16 x 8mm

RTR5094 No. 8 spire nut  $\frac{1}{4}$ " type

RTR5099 No. 8 spire nut flat type

RTR5089 No. 8 spire nut  $\frac{1}{4}$ " type 16 x 11mm

RTR5125 No. 8 spire nut  $\frac{1}{4}$ " type 24 x 11mm

No. 8 nut fix 10mm square mount hole

RTR5095 No. 10 spire nut  $\frac{1}{4}$ " type

RTR5110 No. 10 spire nut flat type

RTR5090 No. 10 spire nut  $\frac{1}{4}$ " type 20 x 13mm

FU2585 No. 10 spire nut  $\frac{1}{4}$ " type 15.6 x 13mm

RTR5096 No. 12 spire nut  $\frac{1}{4}$ " type

RTR5111 No. 12 spire nut flat type

RTR5091 No. 12 spire nut  $\frac{1}{4}$ " type

### SELF TAPPING SCREWS

All self tapping screws are numbered as follows:

Prefix = SS

1<sup>st</sup> No

1 = English 2 = Metric

2<sup>nd</sup>/3<sup>rd</sup>

4<sup>th</sup>/5<sup>th</sup> length 1/8<sup>th</sup> inch or mm from under the head to end

6<sup>th</sup> head type

gauge No. or diameter in mm

1 = pan slot 5 = raised cks slot

2 = pan pozi 6 = raised cks pozi

3 = cks slot 7 = flanged pozi

4 = cks pozi

7<sup>th</sup> finish + variations

1 = BZP

2 = chrome

3 = black

4 = BZP spire screw (no point)

### WASHERS

As with nuts there are a variety of washer types as follows:

Prefix: WP = plain.

Although it's pretty obvious what a plain washer is, Revington TR define a flat washer as: - made of Steel where the thickness is less or equal to the outside diameter. Once the thickness exceeds the outside diameter the part is defined as a sleeve and kept under the part number sequence prefixed PB (for Plain Bush),

WS = Spring

WC = Copper

WA - Aluminium

WF = Fibre

WD = Dowty

WT = Thackery

WW = Wave washer

In this series, the first number indicates the measuring units 1 = English, 2 = metric. The second and third numbers are the internal diameter in 1/16<sup>th</sup> of an inch or 1mm. The fourth and fifth numbers are the outside diameter in 1/16<sup>th</sup> of an inch or 1mm. The sixth, seventh, and eighth numbers are the thickness in 0.001" or 0.10mm. A number in the 9<sup>th</sup> column indicates a special finish or material. In the case of spring washers, 1 in the ninth column indicates shake proof star internal, 2 is shake proof star external, and 3 is a shake proof spring type.

### CUP WASHERS NICKEL/CHROME

6131-07

No.6 nickel plated cup washer for trimming purposes. Side panels, quarter panels, TR2-3B door cards etc. Double flair.

CD24152

No. 6 chrome plated cup washer single flair

CD24153

No. 8 chrome plated cup washer single flair

RTR5247

No.8 nickel plated cup washer double flair.

RTR5248

No.10 nickel plated cup washer double flair.

WK608214

No.10 black cup washer.

### STUDS

A cunningly similar system as used for bolts applies to studs as follows: -

All studs are prefixed ST, the first number determines the thread types as follows: -

First number 1 = metric both ends, 5 = UNC both ends,

6 = UNF both ends, 7 = UNC one end UNF the other.

The second and third numbers indicate the thread diameter in 1/16<sup>ths</sup> of an inch or 1mm increments.

The fourth and fifth numbers indicate the length in 1/8<sup>ths</sup> of an inch or 5mm increments.

The last digit is reserved for variations where a special length of unthreaded stud or a special material is required.

### HELICOILS

Helicoils are a well-established system of reclaiming damaged internal threads, as well as enabling greater torque's to be applied to bolts tightening into aluminium. We supply the following kits, but can also supply kits for any thread size to order. All kits include drill, tap and insert tool and helicoils.

RTR5044

Helicoil kit  $\frac{1}{4}$ " UNF

RTR5045

Helicoil kit  $\frac{1}{4}$ " UNC

RTR5046

Helicoil kit 5/16" UNF

RTR5047	Helicoil kit 5/16+UNC
RTR5048	Helicoil kit 3/8" UNF
RTR5049	Helicoil kit 3/8+UNC
RTR5350	Helicoil kit 1/2+x 20 UNF.
RTR5375	Helicoil kit 9/16+x 18 UNF

## CLEVIS, PINS AND 'O' RINGS

### CLEVIS PINS

The same system as used for bolts applies to clevis pins as follows: - All clevis pins are prefixed PC.

The first number indicates the units of measurement as follows: -  
1 = English 2 = Metric

The second and third numbers indicate the pin diameter in 64ths of an inch or 0.25mm.

The length is indicated by the 4<sup>th</sup> and 5<sup>th</sup> numbers and is measured from under the head to the edge of the hole in 32<sup>nd</sup> of an inch or 1mm increments, indicating useful length. The 6<sup>th</sup> number indicates the hole size in 64<sup>ths</sup> of an inch or 0.1mm. The last digit is reserved for variations, where 1 = BZP.

### SPLIT PINS

The same system as used for bolts applies to split pins as follows: - All split pins are prefixed PS.

The first number indicates the units of measure as follows: -  
1 = English 2 = Metric

The second and third numbers indicate the pin diameter in 64<sup>th</sup> of an inch or 0.1 mm.

The length is indicated by the 4<sup>th</sup> and 5<sup>th</sup> numbers and is measured from under the head to the end of the shortest leg in 1/8<sup>th</sup> of an inch or 1mm increments.

The last digit is reserved for variations.

### ROLL PINS

These are location devices, made from spring steel with a split up the length. When pushed into the correct size hole they grip tight to locate two components. All roll pins are prefixed RPS

The first number indicates the units of measure as follows: -  
1 = English 2 = Metric

The second and third numbers indicate the pin diameter in 1/64<sup>th</sup> of an inch or 0.1 mm.

The length is indicated by the 4<sup>th</sup> and 5<sup>th</sup> numbers in 1/8<sup>th</sup> of an inch or 1mm increments.

The last digit is reserved for variations.

### 'O' RINGS

We carry a range of rubber 'O' rings other than those with specific TR applications (which can be ordered by original part number).

As with nuts and bolts, our 'O' ring range is numbered to indicate the seal size as follows.

The sequence is prefixed OR. The first number indicates the measuring system 1 = English, 2 = metric. The second number is the inside diameter in whole inches. The third and fourth numbers are the remainder of the inside diameter in 1/6ths of an inch (second, third and fourth numbers in mm for metric). The fifth, sixth and seventh numbers are the diameter of the cross section in thousands of an inch (0.1mm for metric). The last number is reserved for special applications.

## TUBES, PIPES, HOSE AND FITTINGS

### SOLID BRAKE PIPE AND PETROL PIPE

The following Part No.s are 7.62 meter rolls.

To buy by the meter suffix the part No. with the letter M

RTR5023	1/8" outside diameter copper
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RTR5024	3/16" outside diameter kunifer
RTR5025	1/4" outside diameter kunifer
RTR5026	5/16" outside diameter kunifer
RTR5027	3/8" outside diameter kunifer
RTR5028	1/2" outside diameter kunifer

### FLEXIBLE HOSE AND TUBE

#### RUBBER PETROL HOSE

RTR4034	3/16" I/D / 3/8" O/D rubber petrol hose per metre
RTR5262	6mm petrol hose per metre
RTR5307	7.5mm I/D rubber petrol hose/metre
RTR5393	7.5mm I/D stainless braided
RTR4036	8mm (5/16") I/D rubber petrol hose per metre
RTR4037	3/8" I/D rubber petrol hose per metre
RTR5322	4mm x 14mm rubber petrol hose per metre
RTR5458-8	Joiner kit for 8mm (3/16") O/D petrol pipe. Comprises 2 x 8mm x 50mm short hoses and 4 clips
RTR5458-9.5	As RTR5458-8 but suitable for 9.5mm (3/8") O/D pipe

#### RUBBER OIL HOSE

RTR5312	1/2" I/D oil resistant hose
RTR5313	5/8" I/D oil resistant hose
RTR5314	3/4" I/D oil resistant hose
RTR5312-25.4	25.4 (1") I/D oil hose
RTR5312-28.5	28.5mm (1.125") I/D oil hose
RTR5367	12.7mm (1/2") oil resistant hose with 90° bend 900mm x 80mm

#### RUBBER AND SILICONE COOLINGS AND HEATER HOSE

RTR5290-1M	8mm (5/16") Rubber hose/mtr
RTR5290	8mm (5/16") silicone hose/mtr
RTR5240	9.35mm I/D silicone hose for hot engine bay applications 3 ply.
RTR5015	11mm (7/16") I/D silicone hose
RTR5022-1M	1/2" I/D rubber heater hose, per mtr.
RTR5241	12.7mm I/D silicone
RTR5349	15mm rubber
RTR5289	16mm (5/8") silicone hose/metre
RTR5351	45mm I/D 4mm wall silicone/mtr
RTR5351-38	38mm I/D 4.5mm wall silicone/mtr
RTR5398	50mm I/D 4mm wall silicone/mtr
RTR5349-57	57mm I/D rubber coolant hose/mtr
RTR5349-48	48mm I/D rubber coolant hose/mtr

#### BRAKE SERVO HOSE

RTR5208	8mm (5/16") vac hose.
RTR5150	9.53mm (3/8") I/D servo hose.

#### GENERAL NON PETROL TUBE

RTR5126M	2.78mm I/D. 3.57mm O/D Windscreen washer clear plastic tubing. Per Metre.
RTR5127M	4.0mm I/D. 6mm O/D Windscreen washer clear plastic tubing. Per Metre.
RTR9043	5mm I/D 8mm O/D black neoprene. Used for sheathing brake pipes - Rally/Race use.
RTR5128M	6.35mm I/D 9.56mm O/D Windscreen washer clear plastic tubing. Per Metre.
RTR5129M	7.94mm I/D 11.11mm O/D Windscreen washed clear plastic tubing. Per Metre.
RTR9044	5/16" I/D x 9/16" O/D red rubber. Used for sheathing petrol pipes - Rally/Race use.
RTR5033	1/2" I/D braided clear tube for draining.

### PIPE NUTS, UNIONS, OLIVES AND BLANKS

#### PETROL PIPE NUTS AND UNIONS

RTR5152 GRP5-1	Nut male 1/4" x 7/16" x 20 UNF. Steel. Flair type Nut female 1/4" x 7/16" x 20 UNF. Steel. Flair type
060176 PN516/18M	Nut male 1/4" x 1/2" x 20 UNF. Olive type Nut male, 5/16" x 1/2" x 20 UNF. Steel. Flair type
RTR5281	Nut female 5/16" x 1/2" x 20 UNF Steel. Flair type
060142	Nut male, 5/16". Brass 1/2" x 20 UNF. Olive type. No lead.
060142X 060141	Nut male, 5/16. Steel 1/2" x 20 UNF, with lead Nut female, 5/16+ Brass 1/2" x 20 TPI. Olive type
RTR5140	Nut female, 5/16" Steel 1/2" x 20 UNF. Olive type.
RTR5166 RTR5306 RTR5306-1 060172	3" piece for 5/16" pipe 1/2" connector for 5/16" pipe 1/2" connector 1/8"+NTP to 5/16"+push on Joiner olive type 5/16"+pipe

#### BRAKE PIPE NUTS AND UNIONS

##### NUT MALE

TM606031 TM606031BR PN316/20M RTR5035	Nut male 3/16" pipe, 1/2" UNF steel BZP Nut male 3/16" pipe, 1/2" UNF brass BZP Nut male 3/16" pipe, 1/2" UNF 20TPI steel BZP Nut male 3/16" pipe, 7/16" UNF 20TPI steel BZP. Used on Tr5-6 master cylinder
RTR5035-1	Nut male 3/16" pipe, 7/16" UNF 24TPI steel BZP
RTR5152 PN516/18M RTR5292	Nut male 1/4" pipe. 7/16" UNF steel BZP Nut male 5/16" pipe. 1/2" UNF steel BZP Nut male 3/16" pipe 10mm x 1mm short steel BZP
RTR5293	Nut male 3/16" pipe 10mm x 1 mm long steel BZP

##### NUT FEMALE

TN606031 TN606031BR TN608071 RTR5153 RTR5281 AEHU2A	Nut female 3/16" pipe, 1/2" UNF steel BZP Nut female 3/16" pipe, 1/2" UNF brass BZP Nut female 3/16" pipe, 7/16" UNF steel BZP Nut female 1/4" pipe Nut female 5/16" pipe. 1/2" UNF steel BZP Nut female 3/16" pipe 10mm x 1mm steel BZP
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#### UNIONS

RTR5278 121782 121782JIC	2 way female union 3/8" UNF both ends 2 way male union 3/8" UNF/ 3/8" UNF 90° cone As 121782 with 3/8 UNF threads both ends but JIC cone which is 84°. The cone is slightly longer than the UNF version.
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*NOTE: - most hose ends are JIC. The UNF version is used to join to a female nut and double flared pipe (typically brake pipe fittings are 3/8" UNF)*

RTR5463 RTR5463-1	2 way male-male union M10 x 1.0 Dual Seated Male-male union. M10 x 1.0mm dual seated to 7/16" UNF
149767 RTR5463-2 RTR5448 RTR5414 RTR5505	1/2" UNF to 1/2" UNF DE union male/male 7/16" UNF to 7/16" UNF male/male 90° cone 2 way male 1/2" UNF/ 7/16" UNF JIC. Reducer 7/16" UNF female 1/2" UNF Male Reducer, 7/16" UNF male to 1/2" UNF female. Flat seat for 7/16" UNF and single cone in 1/2" UNF female

BTB657 107070 136939 107069	3 way unit 1/2" UNF single flair 3 way union 1/2" UNF double flair 4 way union 1/2" UNF 5 way union
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#### BLANKS

129077 RTR5263 103222 RTR5515	1/2" UNF Blank 1/2" UNF cone ended male Blank. 1/2" UNF Blank 7/16" UNF Female Blank
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#### OLIVES

RTR5056 RTR5057 RTR5058 TL11	1/2" bore brass barrel olive. 1/4" bore brass barrel olive. 5/16" bore brass barrel olive. 1/2" bore brass barrel olive
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#### OIL HOSE UNIONS

RTR5315	5/8" Bulkhead port union, used to provide an exit port in rocker covers to a breather catch tank.
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### HOSE CLIPS

#### JUBILEE TYPE

Finish off your engine bay by replacing all those tatty steel hose clips with these nice shiny stainless steel ones! Stainless steel clips shown in the left hand column, standard types are shown in right hand column.

#### STAINLESS STEEL

GHC10408 GHC10411 GHC10410 GHC10412 GHC10413 GHC10414 GHC10415 GHC10416 GHC10417 GHC10418 GHC10419 GHC10420 GHC10421	8-12mm 8 - 16mm 12 . 18mm 12 . 20mm 16 . 25mm 20 . 32mm 25 . 40mm 32 . 50mm 46 . 60mm 50 . 70mm 60 . 80mm 70 . 90mm 80 - 100mm 90 - 120mm 105 - 127mm
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#### ZINC PLATED STEEL

GHC304 GHC405 GHC406 GHC507 GHC608 GHC709 GHC811 GHC1015 GHC1217 GHC1622  GHC2228 GHC2632 GHC3036 GHC3340
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#### WIRE HOSE CLIPS AS USED ON TR2-4A

CS4011 CS4020 CS4025 CS4026 CS4029 CS4038 CS4042 CS4052	Wire hose clip 19-22mm. Wire hose clip 30-35mm. Wire hose clip 35-40mm. Wire hose clip 37-42mm. Wire hose clip 43-47mm. Wire hose clip 57-62mm. Wire hose clip 61-67mm. Clip wire intake hose.
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#### 'O' CLIPS

Used to permanently secure flexible hose.

RTR5037 RTR5038 RTR5039 RTR5151 RTR5040 RTR5041 RTR5042	To suit hose O/D 7-9mm To suit hose O/D 8-11mm To suit hose O/D 11-13mm To suit hose O/D 13-15mm To suit hose O/D 15-18mm To suit hose O/D 17-20mm To suit hose O/D 20-23mm
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RTR5171 To suit hose O/D 23-27mm

### HOSE CLIPS PETROL

These clips exert an even pressure all around the hose. Ideal for petrol hose.

RTR5062 11mm petrol pipe clip.  
 RTR5063 13mm petrol pipe clip.  
 RTR5063-15 15mm petrol pipe clip.

### SPRING TYPE AS USED ON TR7

UKC3796 7/16+green.  
 UKC3795 1/2+black  
 RTR4331 5/8+black (narrow)

### P CLIPS

Loop Size	Mount Hole Size	Stainless Steel with rubber insert	BZPSteel with rubber insert	Steel BZP	Brass	Nylon Black
3.0mm	5.5mm					RTR5183-3
4.8mm	3.3mm 5.5mm 6.4mm 7.2mm 8.8mm	RTR4018	RTR5494-5	PCR307 PCR309 PCR311	RTR5181	RTR5184 RTR5183-5
6.4mm	3.3mm 5.5mm 6.4mm 7.2mm 8.8mm	RTR4019		PCR407 PCR409 PCR411		RTR5186 RTR5183-6
8mm	3.3mm 5.5mm 6.4mm 7.2mm 8.8mm	RTR4020	RTR5494-8	CP105081 PCR509 PCR511		RTR5187 RTR5183-8
10mm	3.3mm 4.2mm 5.5mm 6.4mm 7.2mm 8.8mm	RTR5253	RTR5494-10	PCR607 PCR609 PCR611	RTR5180	RTR4078 RTR5183-10
13mm	3.3mm 5.5mm 6.4mm 7.2mm 8.8mm 10.3mm	RTR5390	RTR4397	PCR807 PCR809 PCR811 CP110125		RTR5438 RTR5183-13
16mm	3.6mm 5.5mm 6.4mm	RTR4398	RTR5494-16		RTR5179	RTR5439
19mm	3.3mm 5.5mm 6.4mm	RTR4399	RTR5494-19			RTR5440 RTR5183-19
22mm	5.5mm				RTR5188	RTR5183
25mm	3.3mm 5.5mm 6.4mm	RTR4400	RTR5494-25			RTR5441
28mm	5.5mm					RTR5183-28
32mm	6.4mm		RTR5494-32			
35mm	6.4mm	RTR4401				
40mm	6.4mm	RTR5284	RTR5494-40			
60mm	6.4mm	RTR5390-60				

### GROMMETS

The following range should cover all applications and may be used where the original part number is now no longer available.

#### GROMMETS WITH A HOLE

	Panel Hole Size	Type	Internal Hole Size	For Panel Thickness
RTR5163	6.35mm(1/4")		3.96mm(5/32")	1mm
RFR103	8mm	Square	6mm	

RTR5237	8mm (5/16")	section Square section	4.76mm (3/16")	1.5mm
RTR5178	9.53mm(3/8")		6.35mm (1/4")	
RTR5338	9.53mm(3/8+)	Plain	8mm (5/16+)	
061917	12.7mm (1/2")	Diaphragm	3.2mm (1/8+)	
RTR5420	12.7mm(1/2+)	Square section	8mm (5/15+)	1mm
RFN403	16mm (5/8")	Wiring	4.76mm(3/16+)	
GHF800	16mm (5/8")	Plain	6.35mm (1/4+)	1.59mm(1/16+)
RFN305	16mm (5/8")	Wiring	8mm (5/16+)	
RTR5213	19mm (3/4")	Diaphragm	3.2mm (1/8+)	
GHF801	19mm (3/4")	Plain	6.35mm (1/4")	1.59mm(1/16+)
GHF802	22.22mm(7/8")	Wiring	12.7mm (1/2")	1.59mm(1/16+)
RTR5457	22.22mm (7/8+)	Wiring	15.88 (5/8+)	6.35 (1/4+)
RTR5219	25.4mm (1")	Wiring	19mm (3/4+)	
RTR5082	25.4mm (1")		19.05mm(3/4+)	
600395	25.4mm (1")	Diaphragm		
GHF803	28.58mm(1-1/8")	Plain	19mm (3/4+)	1.59mm(1/16+)
RTR5118	31mm	Diaphragm	7mm	6mm
CD23720	31.75mm(1-1/4")		25.4mm (1+)	
RTR5214	31.75mm(1 1/4")	Diaphragm	3.96mm(5/32+)	
C5574A	31.75mm(1 1/4")	Wiper tubing	7.74mm	1.27mm
RTR5215	31.75mm(1 1/4")	Wiring	9.53mm (3/8+)	
RTR5217	34.92mm(1-3/8")	Wiring	12.7mm (1/2)	
RTR5218	38.1mm(1 1/2")	Wiring	11.9mm(15/32+)	
600400W	38.1mm(1 1/2")	Wiring	15.88mm (5/8+)	
2H2065	41.4mm(1-5/8")	Wiring		
RTR5216	44.45mm(1-3/4")	Wiring	12.7mm (1/2+)	
RTR5365	50mm	Diaphragm	13mm	1.5mm

### GROMMETS BLANKING:

	Panel Hole Size	Type	For Panel Thickness
CD28789	4.76mm (3/16")	Buffer	1.27mm
AAU3252	4.76mm (3/16")	Flat	1.27mm
GHF821	6.35mm (1/4+)	Flat	1.59mm (1/16+)
RTR5175	8mm (5/16+)	Domed	
14A9668	9.53mm (3/8+)	Flat	
CD27769	9.53mm (3/8+)	Domed	1.59mm (1/16+)
CFP375	9.53mm (3/8+)	Cupped Clear Plastic	Up to 3mm
14A7031	12.7mm (1/2")		
CFP625	16mm (5/8+)	Cupped clear plastic	1.59mm (1/16+)
RTR5337	16mm (5/8+)	Shallow dome	1.59mm (1/16+)
RFR212	19mm (3/4+)		
600421	20.64mm (13/16+)	Cupped Clear Plastic	
600399	25.4mm (1+)	Flat	
612301	1 1/8+		
RTR5335	1 1/4+	Flat	
600400	1 1/2+		
623176	1.5+	Domed	
RTR5336	2+	Flat	

### GROMMET PACK

RTR5141K Grommet pack. A selection of the above sizes to suit most requirements. This pack does not include special grommets such as jack hole grommets etc. that should be ordered by part number.

RTR5269K TR2-3A Grommet pack bulkhead.  
 RTR5437CPK TR6 Full Grommet pack, for CP/CC  
 RTR5437CRK TR6 Full Grommet pack, for CR/CF

### GREASE NIPPLES

RTR5079	1/4" UNF straight short
7H3858	1/4" UNF straight 29mm long O/A
RTR5080	1/4" UNF 45°
RTR5083	1/4" UNF 61 1/2°
RTR5081	1/4" UNF 90°
RTR5138	1/8+BSP straight
RTR5224	1/8+BSP angled
RTR5243	Grease nipple cover



### RUBBER, SPONGE STRIP/EXTRUSION

RTR5170	3mm x 19mm self-adhesive foam per metre.
RTR5422M	Skinned sponge 10 x 10mm section self-adhesive
RTR5409-M	Self-adhesive foam strip 25mm x 12mm.
RTR5408-M	Self-adhesive foam strip 19mm x 12mm.
RTR5422-4-68	Skinned dense foam 4 x 68mm section self-adhesive; Grey
RTR5497M	1/2 section sponge with solid rubber channel runner
RTR7036	Sponge section 12.5mm x 12.5mm
RTR7037	Rubber strip 1.5mm x 0.44"
RTR7038	Rubber strip 1.5mm x 0.050mm
RTR7039	Rubber strip 1.5mm x 0.055"
RTR7040	Rubber strip 1.5mm x 0.062"
RTR7041	Rubber strip 1.5mm x 0.070mm
078447A	Rubber strip 1.5mm x 0.075mm
RTR7042	Rubber strip 1.5mm x 0.080mm
RTR7149	Rubber strip 1.5mm x 0.100mm
RTR5500-3.0	Rubber sheet 3.0
RTR5500-3.8	Rubber sheet 3.8

### BOWDEN CABLE & TRUNNIONS

557211M	Bowden cable inner per metre
557212M	Bowden cable outer per metre
557212F	Ferrule finish off end of Bowden cable outer
150342	Pin Trunnion, Bowden cable. Choke
150343	Screw, trunnion, Bowden cable. Choke
AUE34	Alternative assembly to parts above
559980	Screw, trunnion. Heater
24G1482	Pin Trunnion. Heater
609123K	Pin Trunnion and Screw assembly. Heater

### CABLE TIES (TY WRAPS)

#### TY WRAPS PLASTIC

RTR8041	100mm White
RTR8175	100mm X 2.5mm Black
RTR8176	149mm X 3.6mm Black
RTR8178	200mm X 4.6mm Black
RTR5124	300mm X 4.8mm Black
RTR5117	370mm X 7.6mm Black
RTR5117-1	370x7.6mm Black releasable
RTR5479	730x12.6mm Black releasable

#### TY WRAP STAINLESS STEEL

RTR5360	300mm X 4.6mm stainless steel. Temperature range -80°C to +538°C Useful for high temperature applications such as securing components which are near heat sources (typically securing plumbed-in fire extinguisher lines or securing heat resistant tape around exhaust manifolds.)
RTR5360K	Kit of 25 RTR5360 stainless steel tie-wraps.

#### TY WRAP BASES

These bases are secured to panel work etc. and allow Ty Wraps to secure pipes, cables etc. to them.

#### 4 Way Adhesive Base

RTR5499-1	These black adhesive bases are 19 x 19mm square, accept Ty Wraps up to 3.6mm wide and have a 5mm mounting hole should they need to be screwed in place.
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RTR5425	These white adhesive bases are 19 x 19mm square, accept Ty Wraps up to 3.6mm wide and have a 5mm mounting hole should they need to be screwed in place.
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RTR5499-2	These black adhesive bases are 25 x 25mm square, accept Ty Wraps up to 4.8mm wide and have a 6mm mounting hole should they need to be screwed in place.
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#### Saddle Mount

RTR5499-3	These black Saddle mounts have a cradle to securely hold the pipe or cable, accept Ty Wraps up to 5.0mm wide and have a 3.7mm mounting hole.
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RTR5499-4	These black Saddle mounts have a cradle to securely hold the pipe or cable, accept Ty Wraps up to 9.0mm wide and have a 5.0mm mounting hole.
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#### Eyelet Mount

RTR5499-5	These black Eyelet mounts allow the Ty Wrap to be secured in either direction, accept Ty Wraps up to 4.8mm wide and have a 4.2mm mounting hole.
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### LOCKING WIRE

RTR5285-2M	Locking wire stainless steel 1.02mm dia. per meter
RTR5285-16M	Locking wire stainless steel 1.6mm dia. Per meter
RTR5285-2	Locking wire stainless steel 1.02mm dia. Per 1 pound drum
RTR5285-16	Locking wire stainless steel 1.6mm dia. Per drum.

### MISCELLANEOUS HARDWARE

MM601-390	TR250 bonnet strips instructions
RTR8437	Tape: Heat resistant 37mm wide, Useful for binding dynamo/alternator wires near hot exhaust manifolds.

### ELECTRICAL HARDWARE

Please see section 8 Electrical