

|   |          |
|---|----------|
| <b>ENGINE ELECTRICS.....</b>  | <b>2</b> |
| DISTRIBUTORS.....   | 2        |
| NEW DISTRIBUTORS.....   | 2        |
| RECONDITIONED DISTRIBUTORS.....   | 2        |
| DISTRIBUTOR SPARE PARTS.....  | 2        |
| ELECTRONIC IGNITION.....  | 2        |
| PIRANHA.....  | 2        |
| ALDON IGNITOR.....  | 2        |
| LUMENITION.....   | 2        |
| MAGNA SPARK.....  | 3        |
| FULLY MAPPED IGNITION; LUMENITION & ALPHA+ ..                           | 3        |
| IGNITION COILS.....   | 3        |
| IGNITION LEADS.....   | 3        |
| IGNITION LEAD SETS TR2-4A.....  | 3        |
| IGNITION LEAD SETS TR5-6.....   | 3        |
| IGNITION LEAD SETS TR7.....   | 3        |
| IGNITION LEAD SETS TR8.....   | 3        |
| WIRE, PLUG CAPS, IDENTS AND ACCESSORIES.....                            | 3        |
| REV LIMITERS.....   | 4        |
| <b>LAMPS AND SWITCHES.....</b>  | <b>4</b> |
| HEADLAMPS.....  | 4        |
| HALOGEN HEADLAMP CONVERSIONS.....                                       | 4        |
| HALOGEN HEADLAMP BULBS.....   | 4        |
| OTHER HEADLAMP BULBS.....   | 4        |
| HEADLAMP ADJUSTER KITS & RIM CATCHES, BOWLS ETC.....                    | 4        |
| ITALIA PARTS.....   | 4        |
| SIDE LAMPS, INDICATORS, BULBS AND BULB HOLDERS.....                     | 4        |
| BULBS.....  | 4        |
| ITALIA LAMPS.....   | 4        |
| DRIVING, FOG AND SPOT LAMPS; LAMP BARS.....                             | 4        |
| PIAA LIGHTING.....  | 4        |
| OTHER MANUFACTURES LIGHTING.....  | 5        |
| LAMP BARS AND SUPPORTS.....   | 5        |
| REVERSING LAMPS AND REAR LIGHTING.....                                  | 5        |
| PIAA LIGHTING.....  | 5        |
| OTHER MANUFACTURES LIGHTING.....  | 5        |
| INTERIOR, UNDER BONNET, BOOT LIGHTING AND INDICATOR LAMPS.....          | 6        |
| DASH KNOB SETS.....   | 6        |
| INDICATOR SWITCHES AND SHROUDS.....                                     | 6        |
| HAZARD SWITCH KITS.....   | 6        |
| STANDARD SWITCHES NOT CLEAR IN THE PARTS BOOKS.....                     | 6        |
| ACCESSORY SWITCHES.....   | 6        |
| <b>INSTRUMENTS.....</b>   | <b>7</b> |
| SPEEDOMETERS.....   | 7        |
| ELECTRONIC TACHOMETERS.....   | 7        |
| SECONDARY INSTRUMENTATION.....  | 8        |
| Individual instruments.....   | 8        |
| INSTRUMENT RETAINERS AND SPARES.....                                    | 8        |
| INSTRUMENT PANELS.....  | 8        |
| <b>BATTERIES AND ASSOCIATED PARTS.....</b>                              | <b>8</b> |
| BATTERIES.....  | 8        |
| CLASSIC BATTERIES.....  | 8        |
| MODERN REPLACEMENT BATTERIES.....                                       | 9        |
| BATTERY MAINTAINANCE.....   | 9        |
| OUT OF THE CAR.....   | 9        |
| BATTERY ISOLATORS.....  | 9        |
| BATTERY BOX LINERS, HOLD DOWN PARTS AND ANTI-CORRODE GREASE.....        | 9        |
| <b>HORNS, RELAYS, FUSES, CIRCUIT BREAKERS, PLUGS &amp; SOCKETS.....</b> | <b>9</b> |
| HORNS.....  | 9        |
| RELAYS.....   | 10       |
| FUSES AND FUSE HOLDERS.....   | 10       |
| GENERAL PURPOSE FUSE HOLDERS.....                                       | 10       |

|   |           |
|---|-----------|
| RALLY TR4 FUSE BOX.....   | 10        |
| STANDARD TR FUSES.....  | 10        |
| BLADE TYPE FUSES.....   | 10        |
| CIRCUIT BREAKERS.....   | 10        |
| FUSE TYPE CIRCUIT BREAKERS.....   | 10        |
| ELECTRICAL FUEL PUMP INERTIA CUT OUT SWITCHES.....                              | 10        |
| PLUGS AND SOCKETS.....  | 10        |
| <b>WIRING HARNESES AND WIRE.....</b>  | <b>10</b> |
| WIRE BY THE METRE.....  | 10        |
| WIRING HARNESES.....  | 10        |
| <b>WIPER AND WASHER SYSTEMS.....</b>  | <b>11</b> |
| WIPER MOTORS AND CONVERSION SETS.....   | 11        |
| WIPER SYSTEM PARTS.....   | 11        |
| WIPER ARMS AND BLADES.....  | 11        |
| WINDSCREEN WASHERS TR2-3B.....  | 11        |
| WINDSCREEN WASHERS TR4-6.....   | 12        |
| <b>ALTERNATORS, DYNAMOS, CONTROL BOXES HEAT SHIELDS AND STARTER MOTORS.....</b> | <b>12</b> |
| DYNAMOS AND CONTROL BOXES.....  | 12        |
| ALTERNATORS.....  | 12        |
| HEAT SHIELDS.....   | 13        |
| STARTER MOTORS.....   | 13        |
| <b>RADIATOR ELECTRIC FANS.....</b>  | <b>13</b> |
| <b>ELECTRICAL HARDWARE.....</b>   | <b>13</b> |
| CONNECTORS.....   | 13        |
| LUCAR TERMINALS.....  | 13        |
| BULLET CONNECTORS.....  | 13        |
| MULTI PIN CONNECTORS.....   | 13        |
| RING TAGS.....  | 13        |
| TERMINAL BOOTS.....   | 14        |
| BUTT CONNECTORS.....  | 14        |
| BATTERY TERMINALS.....  | 14        |
| SLEEVING.....   | 14        |
| HEAT SHRINK BLACK.....  | 14        |
| PLAIN PVC BLACK.....  | 14        |
| HEAT RESISTANT SLEEVING & TAPE.....   | 14        |
| SPIRAL CABLE BINDING.....   | 14        |
| MISCELLANEOUS.....  | 14        |

## ENGINE ELECTRICS

### DISTRIBUTORS

#### NEW DISTRIBUTORS

These distributors are newly manufactured and built to suit fast road cars.

|         |   |
|---------|---|
| RTR8063 | Distributor, 10 deg. max advance (in the distributor). This distributor should be used as a starting point for tuned TR2-4A engines, this is a modified standard type 25D unit. Revington TR generally set a tuned engine at 13-15 degrees advance at tick over with a final advance of 30-35 deg. Final adjustment will be required during dynamometer or rolling road tuning as dictated by individual engine requirements.<br>This distributor has no vacuum advance as this is not normally used on a tuned engine. Vacuum advance type can be supplied to special order. |
| RTR8385 | TR2-4A new distributor. Uses push in lead set . see Ignition Leadsq   |
| RTR8386 | TR5-6-250 new distributor. Uses standard type leads . see Ignition Leadsq for improved sets. Electronic tachometer must be used. See Electronic Tachog  |

#### RECONDITIONED DISTRIBUTORS

Standard distributors are available exchange under the original part number with the suffix 'EX' added to the part number to denote they are supplied on an exchange basis.

|           |  |
|-----------|--|
| RTR8063EX | Same specification as RTR8063 supplied on an exchange basis. |
|-----------|--|

#### DISTRIBUTOR SPARE PARTS

|          |  |
|----------|--|
| GSC1001S | Screw, condenser retaining   |
| GCS1001S | Screw, points retaining  |
| GCS111   | TR3-6 contact set with stronger 32oz spring for use in high revving engines where electronic ignition is not being used.     |
| 8G726    | Distributor cap dust cover, for side entry TR2-4A. Spray internally with WD40 or similar for additional moisture protection. |
| RTR8356  | TR3-6 angled vacuum pipe to distributor.   |
| RTR8271  | Blanking plug for vacuum connection when not in use.   |
| RTR8310  | Assorted pack of distributor springs.  |
| GCS2118  | Spare points for RTR 8385 and RTR8386 new distributors.  |
| 245015   | Distributor repair kit-sundry parts suits most distributors.   |

### ELECTRONIC IGNITION

Revington TR supplies four types of electronic ignition. Piranha is optically sensed, fixed dwell. Aldon Ignition is magnetically sensed fixed dwell, lumenition is optically sensed with variable dwell and Magna spark is a constant energy kit.

#### PIRANHA

Piranha electronic ignition kits come with a new distributor base plate. This system has an optical electronic sensor (which means a cutter disc breaks a light beam) to trigger the spark and has proved to be very reliable. Due to the use of a cutter disc, points bounce is eliminated, as is the effect of a worn main bush on the ignition dwell angle. Obviously the vacuum and centrifugal advance mechanism

should be in perfect working order for the system to operate correctly.

For higher ignition power use the gold switch unit RTR8060 and Lucas sports coil RTR8062.

*NOTE: TR6's 1973 onwards are fitted with an ignition ballast resistor. This must be by-passed when using a sports coil.*

#### PIRANHA COMPLETE KITS

|         |   |
|---------|---|
| RTR8054 | TR3-6 early (negative earth) Piranha kit including standard silver switch unit and adaptor kit to suit DM2, 22D4&6 and 25D4&6 distributors. Suffix this part number with 'P' if a positive earth switch unit is required. |
| RTR8055 | TR6 late Piranha kit including standard silver switch unit and adaptor kit.   |
| RTR8056 | TR7 Piranha kit including standard silver switch unit and adaptor kit.  |
| RTR8057 | TR7V8 (Rover V8 where originally fitted with contacts). Piranha kit including standard silver switch unit and adaptor kit.  |

Kits For other models are available to special order.

#### PIRANHA ADAPTOR KITS

The complete Piranha kits above include an adaptor kit and a standard silver switch unit. These adaptor kits are available separately.

|             |   |
|-------------|---|
| RTR8058-01  | Lucas 4 or 6 cylinder pre 1973.               |
| RTR8058-09  | Lucas 4 or 6 cylinder post 1973.              |
| RTR8058-05A | Lucas V8 where points were originally fitted. |
| RTR8058-52  | AC Delco (TR7)                                |
| RTR8058LAMP | Spare light source                            |

#### PIRANHA SWITCH UNITS

The complete Piranha kits above include an adaptor kit and a standard silver switch unit. These standard switch units are available separately as are the higher ignition power gold switch unit.

|          |  |
|----------|--|
| RTR8059  | Standard unit for road cars (silver logo).   |
| RTR8059P | Same as above for positive earth.  |
| RTR8060  | Gold unit for fast road and competition use. A sports coil must be used.                 |
| RTR8060P | Gold unit, positive earth for fast road and competition use. A sports coil must be used. |

#### ALDON IGNITOR

RTR8182 TR3-4A. This compact unit is available for negative and positive earth cars and fits most TR distributors. There is no additional box to mount outside the distributor. All components are housed inside the distributor. Suffix P for positive earth.

|         |  |
|---------|--|
| RTR8199 | TR5, 250, TR6. Early with 22D/25D distributor. |
| RTR8330 | TR6 late with 43/45D distributors.             |

#### LUMENITION

RTR8339 TR2-7 electronic ignition kit, which varies the dwell angle as engine speed increases. This ensures the low resistive coil (supplied) produces the correct spark energy, whatever the engine revs. Suitable for both positive and negative earth. Choose the correct fitting kit for your distributor from the list below and order this in addition to RTR8339.

|         |  |
|---------|--|
| RTR8340 | Fitting kit for Lucas distributor DM2 (likely to be fitted to TR2-3A). |
|---------|--|

|          |   |
|----------|---|
| RTR8341  | Fitting kit for Lucas distributor 25D4 (likely to be fitted to TR3A, 3B, TR4 and 4A) and 22D6/25D6 (likely to be fitted to TR5 -early TR6). |
| RTR8342  | Fitting kit for Lucas distributor 45D6 (likely to be fitted to the later TR6).  |
| RTR8343  | Fitting kit for AC Delco distributor (likely to be fitted to TR7).  |
| RTR8339C | Coil for Electronic Ignition Kit RTR8339.   |

### MAGNA SPARK

|         |   |
|---------|---|
| RTR8439 | Magna spark, constant energy kit for TR2-4 DM2/25D4 Type. Runs with standard coil but would benefit from 0.6 coil RTR8339C. |
| RTR8440 | As above for 22D6/25D6 Type   |

### FULLY MAPPED IGNITION; LUMENITION & ALPHA+

Revington TR offer fully mapped ignition kits based on the ignition content of our successful electronic fuel injection kits (see Section 4). These are available manufactured by both Lumenition and Alpha +.

|            |  |
|------------|--|
| RTR4264L   | TR2-8 fully mapped ignition system by Lumenition. Basic universal kit.   |
| RTR4264W   | TR2-8 fully mapped ignition system by Alpha+. Basic universal kit.       |
| RTR4264WK1 | Fully mapped ignition system by Alpha+. Specific kit for TR2-4A engines. |
| RTR4264WK2 | Fully mapped ignition system by Alpha+. Specific kit for TR5-6 engines.  |

### IGNITION COILS

*NOTE: TR6's 1973 onwards are fitted with an ignition ballast resistor. This must be by-passed when using a sports coil.*

|         |  |
|---------|--|
| RTR8062 | All cars. High output coil - a must for competition cars . non ballast type. |
| RTR8273 | High-energy - must use amplifier.  |
| CRST156 | Decal Lucas.   |

### IGNITION LEADS

Revington TR provide various standard and high performance ignition lead sets for 4, 6 & 8 cylinder engines. Standard types use copper core high tension cable with crimped end fittings to plugs or NGK suppressed plug caps. Where available a carbon lead set is also shown.

**Magnecor** manufactures our high performance ignition lead sets. Superior quality 7mm high performance ignition leads are constructed to conduct maximum output generated by conventional and high output coils to the spark Plugs and provide suppression for RFI and EMI. A similar cable 8mm diameter provides higher (232 deg. c) service temperature and compatibility with higher energy ignition systems. 8.5mm KV85 competition cable is suitable for the most demanding high-energy ignition systems.

*NOTE: 8mm and 8.5mm KV8.5 cable cannot be used with standard TR2-4A distributor caps, as the cable will not fit inside the cap.*

### IGNITION LEAD SETS TR2-4A

*Note: Magnecor lead sets are made with a slightly longer king lead (350mm). This allows the coil to be positioned on the engine (standard position) or on the inner wing, where it will be cooler, prolonging the life of the coil.*

|            |   |
|------------|---|
| RTR8018K   | TR2-4A standard lead set with crimp plug cap ends, suitable for push in coil  |
| RTR8018-1K | TR2-4A standard lead set with crimp plug cap ends. Suitable for screw in coil |
| RTR8019K   | TR2-4A with NGK angled plug caps.   |

|           |   |
|-----------|---|
| RTR8019SK | TR2-4A with NGK straight plug caps.                 |
| RTR8304   | TR2-4 Magnecor 7mm (standard cap, screw in coil).   |
| RTR8245   | TR2-4A Magnecor 7mm (standard cap, push in coil).   |
| RTR8309   | TR2-4A Magnecor 7mm (push in cap and push in coil). |
| RTR8246   | TR2-4A Magnecor 8mm (push in cap and coil).         |
| RTR8247   | TR2-4A Magnecor KV85, 8.5mm (push in cap and coil). |
| RTR8266   | TR2-4A Magnecor 8mm Lumenition Alpha and EFI        |

### IGNITION LEAD SETS TR5-6

|          |   |
|----------|---|
| RTR8020K | TR5-6 with crimp fittings, rubber caps  |
| RTR8021K | TR5-6 with NGK plug caps  |
| GHT144   | TR5-6 carbon leads. Green straight connectors into distributor cap.   |
| GHT156   | TR6 late green carbon lead 90° angled connectors into distributor cap.  |
| RTR8427  | TR6 by Silicone blue.   |
| RTR8248  | TR5-6 Magnecor 7mm straight caps at distributor.  |
| RTR8249  | TR5-6 Magnecor 8mm straight caps at distributor.  |
| RTR8250  | TR5-6 Magnecor KV85, 8.5mm straight caps at distributor.  |
| RTR8456  | TR5-6 Magnecor 7mm with longer king lead 90° caps at distributor (400mm) to reach an inner wing mounted coil. |
| RTR8457  | TR5-6 Magnecor 8mm with longer king lead 90° caps at distributor (400mm) to reach an inner wing mounted coil. |
| RTR8458  | TR5-6 Magnecor KV85, 8.5mm with longer king lead (400mm) to reach an inner wing mounted coil.                 |
| RTR8259  | TR5-6 Magnecor 8mm Distributor-less EFI   |
| RTR8260  | TR5-6 Magnecor KV85 Distributor-less EFI  |

### IGNITION LEAD SETS TR7

Please state if the coil lead is 420mm long or 720mm long. The short lead is for engine numbers before CV30570 for USA, CL41647 AUS/CDN and VIN200001 for Europe. Suffix the following part numbers with -42 or -72 to ensure the correct coil lead is supplied.

|             |                                      |
|-------------|--------------------------------------|
| RTR8022-__K | TR7 with crimp fittings, rubber caps |
| RTR8023-__K | TR7 with NGK plug caps               |
| RTR8251-__  | TR7 Magnecor 7mm                     |
| RTR8252-__  | TR7 Magnecor 8mm                     |
| RTR8253-__  | TR7 Magnecor KV85, 8.5mm.            |

### IGNITION LEAD SETS TR8

|          |                                      |
|----------|--------------------------------------|
| RTR8024K | TR8 with crimp fittings, rubber caps |
| RTR8025K | TR8 with NGK plug caps               |
| GHT107   | TR8 carbon leads.                    |
| RTR8254  | TR8 Magnecor 7mm                     |
| RTR8255  | TR8 Magnecor 8mm                     |
| RTR8256  | TR8 KV85, 8.5mm                      |

### WIRE, PLUG CAPS, IDENTS AND ACCESSORIES

|         |  |
|---------|--|
| RTR8042 | WIRE 19/0.30 HT Ignition cable plastic covered copper core. Suffix BLK for black, and RED for red. |
| RTR8189 | Wire competition HT Ignition   |
| NYB5    | All cars. NGK. Suppressor cap 60°  |
| NLB5    | All cars. NGK. Suppressor cap 90°  |
| NSB5    | All cars. NGK. Straight  |
| RTR8138 | All cars. Durite suppressor cap straight   |
| RTR8139 | All cars. Durite suppressor cap 90°  |

|           |  |
|-----------|--|
| CRST255   | Set of numbered sleeves for leads  |
| RTR8264   | Spreaders, Ignition leads. Keeps up to 3 leads separated.                |
| RTR8209   | Insulator plug 90°   |
| RTR8110   | Crimp terminal to spark plug, straight                                   |
| RTR8150   | Rubber boot plug   |
| RTR8031   | Terminal HT lead. Push in connection into distributor cap/coil, straight |
| RTR8148   | Rubber boot small . distributor/coil, push in type                       |
| RTR8149   | Rubber boot large . coil, push in type                                   |
| RTR8210   | 90° terminal for distributor cap   |
| RTR8210-B | Boot 90° for RTR8210   |

### REV LIMITERS

|         |  |
|---------|--|
| RTR8135 | Armtec Rev Limiter incorporating speed shift facility to allow full throttle gear changes. |
|---------|--|

## LAMPS AND SWITCHES

### HEADLAMPS

#### HALOGEN HEADLAMP CONVERSIONS

The headlamps on TR2's have often been described as glow-worms. TR6 standard lamps are not much better. These H4 Halogen conversions should improve matters greatly. They can be fitted from TR2-8

|          |  |
|----------|--|
| GAC4022A | TR2-8 RHD, no pilot light, clear bulb, Lucas.          |
| GAC4022B | TR2-8 RHD, no pilot light, clear bulb, Wipac.          |
| GAC4023A | TR2-8 RHD Per pair clear bulb with pilot light, Lucas. |
| GAC4023B | TR2-8 RHD Per pair clear bulb with pilot light, Wipac. |
| LULUB803 | TR2-8 LHD Pair Lucas, no pilot lamp.                   |
| WPS4695  | TR2-8 LHD Pair, Wipac no pilot light                   |
| LULUB802 | TR2-8 LHD Pair Lucas, with pilot lamp.                 |
| WPS4699  | TR2-8 LHD Pair Wipac clear bulb with pilot light.      |

#### HALOGEN HEADLAMP BULBS

|           |   |
|-----------|---|
| GLB472    | TR2-6 H4 bulb clear. 60/55W   |
| GLB476    | TR2-6 H4 bulb yellow  |
| RTR8464-1 | H4 bulb Platinum White PIAA 60/55 with an equivalent output of 110/100W, $\neq$ Marked                  |
| RTR8464-2 | H4 bulb Xtreme White Plus Anti Vibration PIAA 60/55 with an equivalent output of 110/100W $\neq$ Marked |
| RTR8464   | H4 bulb 60/55 W by PIAA with an equivalent output of 130/120W! Not E-Marked                             |
| RTR8463   | H4 bulb 80/80 W by PIAA with an equivalent output of 150/150W! Not E-Marked                             |

#### OTHER HEADLAMP BULBS

|        |  |
|--------|--|
| GLB457 | TR2-4A Halogen replacement for standard GLB414 BPF bulb. |
|--------|--|

#### HEADLAMP ADJUSTER KITS & RIM CATCHES, BOWLS ETC.

|          |  |
|----------|--|
| RTR8388  | Beam deflectors to enable RHD lamps to be used in LHD countries. |
| 7H6838   | TR2-3B bowl headlamp 3 adjuster type                             |
| SML3     | TR4-6 bowl headlamps   |
| SML3B    | TR4-6 bowl repro. Headlamps                                      |
| SML3P    | TR4-6 bowl plastic type headlamps                                |
| RTR9068  | TR2-6 pair of headlamp stone guards                              |
| RTR9069  | TR2-6 stone guards supplied separately                           |
| 17H5394K | TR2-3B adjuster kit. 3 screw type                                |

|           |   |
|-----------|---|
| BHM7058   | TR4-6 adjuster kit. 2 screw type  |
| BAU1460TR | TR3A-6 rim attachment clip set clip on  |
| 37H7421A  | TR2-3 rim attachment clip set screw on  |
| RTR8347   | All cars. Rim attachment clip as used on MGB, useful when other mountings have broken off as this clip attaches to the edge of the rim. |
| RTR8354   | Headlamp cover 7+per pair   |
| RTR8471   | Connector socket for headlamps TR4-8. 3 pin 8mm blade   |

### ITALIA PARTS

|          |  |
|----------|--|
| RTR18001 | Headlamp rim. RTR Italia Not original. |
|----------|--|

### SIDE LAMPS, INDICATORS, BULBS AND BULB HOLDERS

|         |   |
|---------|---|
| RTR8337 | Lamp $\neq$ Beehiveqamber lens, similar in looks to rear indicator of TR3A, but flush fitting, useful for updating TR2-3. |
| 2A9013  | Amber single filament $\neq$ Beehiveqlamp.  |
| 2A9040  | Red single filament $\neq$ Beehiveqlamp.  |
| 37H5531 | Red lens for 2A9040.  |
| 1B9100  | Clear double filament 'Beehive' lamp complete with glass lens.  |
| RTR8046 | Bulb screw in 12V. 6W version of GLB987.  |
| 37H6928 | Clear lens front of TR3A (UK France).   |
| AEU1745 | Bulb holder TR5-6 glove box.  |
| 13H1926 | TR4 Bulb holder, instrument illumination type (small).  |
| 13H1924 | TR4 Bulb holder, instrument illumination type (large).  |
| 37H5181 | TR4 Bulb holders, instrument twin cable.  |

### BULBS

All normal bulbs are ordered under original part numbers. Special bulbs are listed below.

|          |                                  |
|----------|----------------------------------|
| GLB343   | 12V 21W Bayonet amber side light |
| GLB38012 | 12V 21/5W bayonet Red stop, tail |

### ITALIA LAMPS

|          |   |
|----------|---|
| RTR18267 | Corrello oval front side/indicator lamp |
| RTR18020 | Rear lamp surround.                     |

### DRIVING, FOG AND SPOT LAMPS; LAMP BARS

#### PIAA LIGHTING

Revington TR is proud to be associated with PIAA lighting, the choice of World Champions. The quality of these products needs to be experienced to be believed. As PIAA distributors we can supply the whole PIAA range, however we have selected the following lamps as being relevant to TR. We also stock a range of other PIAA products notably headlamp bulbs, reversing lamps, horns and wiper blades.

Please see the relevant sections for details of these products.

#### DRIVING LAMPS

|         |  |
|---------|--|
| RTR8459 | PR 80 professional series driving lamp. One lamp only.<br>This exceptional lamp is the original PIAA lamp first introduced in 1963, featuring prism cut glass, 5mm thick. H4 80/80W bulb fitted (road legal) which actually produces light output equivalent to 135/135W bulbs. This is a dipping lamp, it can therefore be wired in permanently to the main lamps, so as to dip with main lamps. The reflector is Teflon coated to enhance longevity and comes mounted in a spun steel shell. |
|---------|--|

- Dimensions: 190mm overall diameter 135mm deep. As this lamp is quite deep, when fitted to TR4-6 with our rally mounting bar RTR8126K it will require spacing forward to allow the bonnet to open. We have developed a special bar to allow for this. Order RTR8126XK.
- RTR8459K Complete kit of 2 lamps RTR8459 including wiring harness and relay.
- RTR8465 80XT series single driving lamp. One lamp only. Features are: - ultra thin black painted die cast aluminium housing for use in the toughest conditions; Prism cut glass; H3 85W bulb fitted. Lamp cover included. 169mm diameter, 77mm deep.
- RTR8465K Complete kit of 2 RTR8465 driving lamps including wiring harness, relay and switch.
- RTR8468 520 SMR series single driving lamp. An ideal choice for classic applications. This lamp has a chrome steel shell and features PIAA's super multi reflector (SMR). Comes with a 55W H3 bulb with an equivalent out put of 85W. 152mm Diameter, 64mm Deep.
- RTR8468K Complete kit of 2 RTR8468 driving lamps including wiring harness, relay, fuse and switch.

### SPOT LAMPS

- RTR8461 Spot lamp version of RTR8459 driving lamp.
- RTR8461K Complete kit of 2 lamps RTR8461 including wiring harness and relay.
- RTR8467 Spot lamp version of RTR8465 driving lamp
- RTR8467K complete kit of 2 RTR8467 spot lamps including wiring harness, relay and switch.

### FOG LAMPS

- RTR8460 Fog lamp version of RTR8459 driving lamp
- RTR8460K Complete kit of 2 lamps RTR8460 including wiring harness and relay.
- RTR8466 Fog lamp version of RTR8465 driving lamp
- RTR8466K Complete kit of 2 RTR8466 fog lamps including wiring harness, relay and switch.
- RTR8469 Fog lamp version of RTR8468 driving lamp
- RTR8469K Complete kit of 2 RTR8469 fog lamps including wiring harness, relay, fuse and switch.

Note: Fog lamps have white lenses, it is not necessary to have yellow lenses on bulbs for a fog lamp to be effective, Yellow bulbs can be bought but PIAA neither recommend them or fit them.

### REPLACEMENT BULBS

- RTR8463 Replacement H4 80/80W competition bulb with equivalent output of 135/135W fitted as standard to RTR8459, RTR8460 and RTR8461 lamps.
- RTR8464 Replacement H4 60/55w competition bulb with equivalent out put of 130/120W for RTR8459, RTR8460 and RTR8461 lamps.

### WIRING HARNESSES

- RTR8465H Wiring harness with fuse holder relay and switch. All the wiring needed to install two spot driving or spot lamps whilst this is a PIAA wiring harness it can of course be used for any other pair of lamps. NOT suitable for RTR8459,60,61 PR80 series of lamps as these require feeds rather than 2.
- RTR8470 Replacement H3 competition bulb for RTR8465, RTR8466, RTR8467, RTR8468 and RTR8469 55W with an equivalent out put of 85W.

### PIAA LAMP COVERS

- RTR8504 Replacement lamp covers for PRO80 series lamps
- RTR8505 Replacement lamp covers for 80XT series lamps

Note 1: The above two lamp covers are the same as supplied with the lamps.

Note 2: Lamp covers are not available for 520 SMR series lamps.

### OTHER MANUFACTURES LIGHTING

Revington TR can provide a variety of period spot lamps, fog lamps and driving lamps. This is a small selection; lamps may be new reproduction, good second hand, or new old stock (typically Lucas).

- RTR8284 Lucas 5 3/4 SLP576 spot long range
- RTR8285 Lens and reflector for RTR8284
- RTR8286 Fog lamp Lucas 5 3/4 SFT576 spot flat top.
- RTR8287 Lens and reflector for RTR8286.
- RTR9033 Wipac 6C Spot lamps. Scout Master Brand.
- MM162-800 Fluted fog lamp base mounted.
- ACG5179 Lens - fog for MM162-800.
- BHA4399 Fluted fog lamp rear mounted.
- RTR8263 Spot lamp 7+ as used on TR4 rally cars. Choose from spot, white or yellow or fog lamp as available.
- MM162-700 Spot lamp base mounted.
- 57H5015 Lens for MM162-700 spot
- RTR8223 Spot lamp rear mounted. Used on bonnet of rally TR and boot lid as a reverse lamp.
- RTR8223B Cheaper version of RTR8223.
- RTR8486F Lucas Square 8 Fog lamp.
- RTR8486S Lucas Square 8 Spot lamp.

### LAMP BARS AND SUPPORTS

See section 9

### REVERSING LAMPS AND REAR LIGHTING

#### PIAA LIGHTING

PIAA provide a range of reversing lamps. Please enquire for full details.

#### OTHER MANUFACTURES LIGHTING

- RTR8290 TR4-4A reverse lamp original accessory.
- RTR9025 Single reversing lamp.
- RTR90252 2 off RTR9025 supplied with cable and switch.
- RTR9023 1 pair of rear fog/reverse lamp kit. 1 each RTR9022, RTR9025 plus switches and wire.
- RTR8200 Reverse lamp, flush mounting.
- RTR9024 Reversing lamp. Period Lucas with clear lens. Universal hang or stand single bolt fixing.
- RTR9026 Reverse lamp/red warning lamp, flush fitting. Supplied with 2 lenses red and white. Can be used for either application.
- RTR8223 Spot lamp rear mounted. Used on bonnet of rally TR and boot lid as a reverse lamp.
- RTR8223B Cheaper version of RTR8223.
- RTR9020 High-level stop lamp angle adjustable for fitment to glass rear window in TR7fixed head or Saloon/modern cars.
- RTR9022 Single rear red fog/bad weather warning lamp.
- RTR9022K 2 off RTR9022 supplied with switch and cable.
- RTR8052 Reversing lamp for rear valance mounting as used by works TR4's.

### INTERIOR, UNDER BONNET, BOOT LIGHTING AND INDICATOR LAMPS

|          |  |
|----------|--|
| RTR8198K | TR4-6 kit interior lights. Modern sports cars have interior lights in the top of the windscreen frame. We have found a suitable flush fitting lamp, 2 of which are included in this kit. A drawing for installation and wiring is included along with a switch, fuse and wire. |
| RTR8010  | Lamp, one only. These lamps can also be used in doors, glove boxes, foot-wells, boot etc.  |
| RTR8221  | Rally TR4. Lamp, engine bay illumination as 3VC.   |
| RTR9021  | Interior lamp suitable for boot, under bonnet etc.   |
| BHA4283  | Map light hooded dash-mounting type. Can also be used for competition number illumination.   |
| RTR9083  | Map light Avanti rally type with Iris hood. 12 inch.   |
| RTR9084  | Map light Avanti rally type with Iris hood. 18 inch.   |
| RTR8134  | Map light rally type Hella Halogen 5W. 295 mm long.  |
| RTR8193  | Indicator lamp dash mounting. Suffix part no. with A, U, G, R for Amber, Blue, Green or Red lens.  |

### DASH KNOB SETS

The following knob sets are supplied in addition to individual dash knobs supplied under original part numbers.

|          |                                |
|----------|--------------------------------|
| GKS6001X | TR2-3 Dash knob set            |
| GKS6002X | TR3A-B Dash knob set           |
| GKS6003X | TR4-4A, Dash knob set          |
| GKS6005X | TR5-6 1968-1971 Dash knob set  |
| GKS6006X | TR6 1972 to 1973 Dash knob set |
| GKS6007X | TR6 1973 on Dash knob set      |

### INDICATOR SWITCHES AND SHROUDS

|            |  |
|------------|--|
| RTR8429    | TR2-3B indicator switch, stalk type, mounts on steering column with clamp. Black cover Chrome stalk. With black knob function: indicator only  |
| RTR8349    | TR2-3B Indicator switch, stalk type, mounts on steering column with clamp. Chrome cover.   |
| RTR8350    | TR2-3B Indicator switch, stalk type plus hazard switch. Mounts on steering column with clamp. Function indicator and green indicator lamp on stalk end.  |
| RTR8145    | Toggle switch on/off/on with 80mm stalk. Suitable for dash mounted indicator operation   |
| RTR8187    | TR2-3B dash mounted indicator switch.  |
| RTR8188    | TR2-3B as RTR8187 but with illuminated arm.  |
| RTR8122K   | Pair of larger than standard indicator switch shrouds. Large enough to accommodate more modern column switches, which have dip, horn and flashes incorporated. Useful when converting TR2-6 for rally use and a must when fitting RTR8328-1 and -2   |
| RTR8298    | All cars. Stalk switch for use with RTR8122K incorporating indicator, horn and headlamp flash & dip.   |
| RTR8328-1K | All cars. Column stalk set comprising 2 switches: - On the LH side, flashers, dip and main beam, indicators and horn. On the RH side washers and wipers with 3 positions; up provides one sweep, first position down slow, second position down, high speed. This wiper switch operates a TR6 type wiper motor but |

can be used to control other motors too. However RTR cannot give any guidance as to the suitability of other motors including other standard TR motors as RTR only intend for this kit to fit with a TR6 type motor. The kit also includes a set of shrouds RTR8122K

RTR8328-2K All Cars, As RTR8328-1 but also incorporating a centre horn ring. Useful when using standard TR4-6 or Motalita steering wheels. This leaves the stalk horn function free to operate our logic overdrive device.

**Note:** to fit RTR8328-1K or -2K to TR4-6 a plain outer column is required. If necessary fit the following part number: -

RTR3381-2 TR4-6 outer column assembly for use with RTR8328 series switch kits

**Note:** To fit RTR8328-1 or -2 to TR2-3 with a one-piece column, the following part number is required: -

RTR3381-1 TR3A outer column assembly for use with RTR8328-1 and RTR8328-2 switch kits

### HAZARD SWITCH KITS

GSS159 All cars Hazard warning switch kit. This compact kit comes with all the components and the pull switch all mounted in one carrier. An illuminated pull switch operated the hazard facility. Instructions included.

### STANDARD SWITCHES NOT CLEAR IN THE PARTS BOOKS

|           |   |
|-----------|---|
| 219061-1  | TR6. Complete lock & electrical assembly. Lucar connectors. WASO manufacture.                 |
| 219061-2  | TR6. Complete lock & electrical assembly. Lucar connectors. WILMOT BREEDON manufacture.       |
| 579085    | TR6 ignition switch behind steering lock . with spades. CP5000I-CP77718 and CC5000I-85737     |
| 218959    | Same as 579085 with 9+ wiring loom and round pin connector. TR6 CR1-end and CFI to end        |
| UKC2719-1 | Complete lock & electrical assembly with loom and round pin connector.                        |
| RTR8492SH | Shear bolts securing late TR6-8 steering lock. TR7 4 switch facia NPN in original parts books |

### ACCESSORY SWITCHES

|           |   |
|-----------|---|
| RTR8391   | Lever switch OFF/ON   |
| RTR8502U  | Chrome stalk on/off lever switch with a Blue LED in the top of the stalk which can be wired to illuminate when the switch is on. These switches are also available with Green, Yellow and Red LED |
|           | Substitute Suffix 1q with 2q 3q or 4q as appropriate.   |
| RTR8506-1 | Rotary switch on/off. No illumination   |
| RTR8506-2 | Rotary switch on/off with illumination Red. Green and Yellow lenses provided  |
| RTR8506-3 | Rotary switch specifically for side/headlamp operation. No illumination   |
| RTR8506-4 | Switch rotary on/off/on   |
| RTR8065   | Lever switch ON/OFF/ON  |
| RTR8075   | Lever switch ON/ON. Change over single pole.  |
| RTR8068   | Push to make switch. Large - suitable for horns   |
| RTR8211   | Push to make switch. Small - suitable for starter/washers etc.  |
| RTR8509   | Push to make switch stainless steel rim flush stainless steel button  |
| 2H3383    | Push to make switch large black plastic, surface mounted as used as a passenger horn button on the TR4 works rally cars.  |

|            |   |
|------------|---|
| RTR8069    | Water proof hood for lever switches   |
| RTR8070    | Water proof hood for push to make   |
| RTR8133    | Pull switch. Coloured light illuminates in the centre of the switch when operational. Suffix part number with: (W) for white, (R) for red, (Y) for yellow and (G) for green   |
| RTR8142    | Windscreen washer electrical switch   |
| RTR8164P   | Switch bracket single hole - plastic  |
| RTR8164M   | Switch bracket single hole - metal  |
| RTR8165    | Switch bracket two hole . metal   |
| RTR8436    | Switch, spring off - on 40mm solid chromed metal stem.  |
| RTR8433    | Switch, spring off - on 43mm chrome stem with Black flat finger pad.  |
| RTR8434    | Switch spring off - on 60mm chrome stem with Black flag finger pad.   |
| RTR8453    | Switch spring off . on 360° contact type. 100mm chrome stem with round black finger pad.  |
| RTR8118    | 4 position Rotary switch. Can be used for headlamps/spots and for 3 speed heaters.  |
| RTR8207    | TR5-6 RHD overdrive switch part no. 147280 modified to self-return. For use with logic device RTR1001 and RTR1296. We can modify your existing switch if you wish.  |
| RTR8207L   | TR5-6 LHD overdrive switch part no. 147280 modified to self-return. For use with logic device RTR1001 and RTR1296. We can modify your existing switch if you wish.  |
| RTR8409-10 | TR6 Modern rocker switch  |
| RTR8410    | Switch light Late TR6. Modern illuminated rocker switch replacing original Clear Hooters type. The opening in the wooden dash requires widening by 1mm.   |
| RTR8412    | Interior switch. Fits where washer or wiper switch would go to operate interior lights. The opening in the wooden dash requires widening by 1mm.  |
| RTR8475    | Plug to neatly connect all wires to the back of switches RTR8410 and RTR8412  |
| RTR8501    | Switch mounting escutcheon. Two of these escutcheon mounted together allow 2 of RTR8410/2 type switches to be mounted together.   |
| RTR8353    | All cars pressure switch 2.5 bar (36PSI). Useful on competition cars to indicate falling oil pressure before damage is done.  |
| RTR8353-1  | Same as RTR8353 but operating at 1.4bar (20PSI)   |
| YKC940     | Door switch for courtesy lights, used with our interior light kit RTR8198K When door operation is required.   |
| RTR8368-2  | TR2-3B Rally Speedometer. These instrument are supplied to special order only and have the trip slot cut out to form a 3/4 section so that the 10 <sup>th</sup> of a mile or kilometre can be read more easily the rim can be satin black, and the needle can be see through plastic if required. |
| RTR8368-4A | As RTR8368-2, flat glass for TR4-4A   |
| RTR8368-5  | As RTR8368-2, for TR5-250-Early 6   |
| RTR8368-6L | As RTR8368-2, for TR6 Late  |

## INSTRUMENTS

Revington TR offer an exchange system for standard TR instruments. In addition to this we can supply a range of new and improved instruments.

## SPEEDOMETERS

Should you wish to have your speedometer calibrated to suit your car, proceed as follows:

Ensure the rear tyres are at the correct pressure. Disconnect the speedo cable from the instrument and attach a paper clip to the end of the inner cable. Push the car forwards a little to take up any backlash. Mark the road vertically down from the centre of the rear wheel and push the car forward 6 turns of the speedo cable. Again mark the road directly below the centre of the same rear wheel and measure the distance between these marks in metres. Then apply the following formula, where D is the measured distance in metres, and Tm is the final number of turns required for miles per hour instrument.

$$D \times 1.09361 = Y.$$

$$\text{Then: } - \frac{10560}{Y} = Tm$$

Should you wish to have your instrument calibrated in KPH convert Tm to Tk by multiplying Tm by 0.6213712.

Provide us with this number and your speedo can be calibrated to this figure.

The Following numbers are used for our exchange speedometer units:

|          |                         |
|----------|-------------------------|
| 108192EX | TR2-3A MPH              |
| 108193EX | TR2-3A KPH              |
| 208062EX | TR4 MPH (Domed Glass)   |
| 208063EX | TR4 KPH (Domed Glass)   |
| 209188EX | TR4-4A MPH (Flat Glass) |
| 209189EX | TR4-4A KPH (Flat Glass) |
| 214427EX | TR5-6CP MPH             |
| 214428EX | TR5-6CP KPH             |
| 218831EX | TR6CP MPH               |
| 218832EX | TR6CP KPH               |

## ELECTRONIC TACHOMETERS

Revington TR has developed a procedure for converting standard instruments to electronic movement whilst maintaining the outward appearance of the standard instrument. These instruments provide rock steady readings even during high engine acceleration. The instruments are provided on an exchange basis for your old unit. Please note that the standard mechanical movement works from 0 to 5 minutes to, to 25 minutes pastq on a clock face. The electronic movement operates from 0 to 20 minutes pastq meaning the needle will stop at 5500 RPM. For road cars this is perfectly adequate. Competition applications may call for higher readings, in which case the face can be repainted to read 0-6000 or 0-7000 as required. Please see RTR8278REFACE.

In addition we can supply a digital instrument with an original analogue face, which is not so range limited as it has a 270 degree field of operation. Please enquire.

|               |  |
|---------------|--|
| RTR8279-A2EX  | TR2-3A cast back type. 2 pulse per RPM   |
| RTR8279-B2EX  | TR4-4A pressed back type. 2 pulse per RPM  |
| RTR8279-C2EX  | TR4-4A pressed back type. 2 pulse per RPM  |
| RTR8279-D3EX  | TR5-6 early. Black rim. 3 pulse per RPM  |
| RTR8279-E3EX  | TR6 late. Chrome rim. 3 pulse per RPM  |
| RTR8279REFACE | This part number covers the cost to reface an instrument where the face is either badly damaged or where the scale needs to be changed. See above for an explanation of the scale differences between mechanical and electronic instruments. |

NOTE: These instruments work as supplied on coil-triggered applications, (2 pulses per revolution for 4 cylinder and 3 pulses per revolution on 6 cylinder applications) with a voltage in the range 10-16Volts. A 1 Kohm resistor may be required between the sensing lead and power lead on some electronic ignition and EFI applications to increase the voltage. Revington TR will supply the appropriate resistor FOC on application. Also for EFI applications the number of pulses per RPM may be different to those listed above. Please state when ordering how many pulses per revolution are required.

Experience has shown that some cars produce an exceptionally dirty signal with voltage spikes of as much as 40 volts, and complete drop out of the signal to zero volts. To some extent an Electronic Tachometer instrument can cope with variations in signal, but if the signal is too dirty, the instrument will operate erratically.

If the instrument seems to work erratically or not at all, the chances are the signal is not clean enough.

Revington TR can supply an optical isolation filter to separate the instrument from potentially dangerous spurious signals, which if over 20 volts will damage the instruments. Order Filter RTR8279-1

RTR8279-1 Optical isolation filter for Electronic Tachometers

RTR8442 TR2-6 All-purpose electronic tachometer 100mm diameter, classic black face 0-7000 Rpm, halve  $\frac{1}{2}$  chrome bezel. Can be used on positive or negative earth cars as the case is insulated, even though some instruments as supplied say negative earth on the instrument

Note: If any of these electronic Tachometer instruments, having been installed without a separation filter, works satisfactorily to start with, and then fails; it is likely that voltage spikes in the signal have damaged it.

### SECONDARY INSTRUMENTATION

The following two original instruments are available exchange. They look exactly the same but are not interchangeable.

106964AEX TR2-3 petrol gauge (FG2530120 on face).  
106964BEX TR3A late petrol gauge (PG163 on face).

133117B TR2-6 Ammeter 30-0-30 not original but useful if you have nothing.

RTR8169 TR2-6 Ammeter 60-0-60 black rimmed for use with RTR8124 65 alternator conversion. Not exactly the same as original but does the job.

RTR8180 As RTR8169 except has chrome rim  
110895X TR2-3A, water temp gauge - capillary type reading degrees 'C' direct replacement for original but with modern black instrument face

RTR8300 All cars. Oil temperature gauge capillary type. Smiths 2+instrument, chrome rim 40-140°C c/w pick up adapter.

RTR8438 All cars. Voltmeter 52mm diameter. illuminated.  
RTR8510K All cars a full set of 4 instruments with black faces and chrome rims. The style is very similar to the TR4A standard instrument. The water temperature gauge is electrically operated. These instruments are new, and consist of an ammeter, Fuel gauge, electrically operated water temperature gauge and an oil pressure gauge 0-100 lb/sq" and 0- 7 kg/sq cm.

### INDIVIDUAL INSTRUMENTS

RTR8512BFCR Ammeter 60-0-60 Black face Chrome rim  
RTR8512BFBR Ammeter 60-0-60 Black face Black rim  
RTR8512MFCR Ammeter 60-0-60 Magnolia face Chrome rim  
RTR8513BFCR Fuel gauge Black face Chrome rim  
RTR8513BFBR Fuel gauge Black face Black rim  
RTR8513MFCR Fuel gauge Magnolia face Chrome rim  
RTR8514 Sender unit for fuel gauge  
RTR8515BFCR Oil pressure gauge Black face Chrome rim  
RTR8515BFBR Oil pressure gauge Black face Black rim  
RTR8515MFCR Oil pressure gauge Magnolia face Chrome rim  
RTR8516BFCR Water temperature gauge Black face Chrome rim  
RTR8516BFBR Water temperature gauge Black face Black rim  
RTR8516MFCR Water temperature gauge Magnolia face Chrome rim  
RTR8517BFCR Clock Black face Chrome rim  
RTR8517BFBR Clock Black face Black rim

RTR8517MFCR Clock Magnolia face Chrome rim

### INSTRUMENT RETAINERS AND SPARES

108192CSH TR2-3B Clamp to dash. Large instrument  
MM361-020 TR2-3B M5 nut for speedo/tacho (Large brass)  
17H1304 TR4-6 M4 nut for speedo/tacho (Large)  
17H932 TR2-6 M4 nut for small instruments. (Small)  
620847 Clamp instrument to dash  
136643/1 TR2-6 Clamp for 2+instruments: one hole  
136643/2 TR2-6 Clamp for 2+instruments: two holes  
RTR8155 TR2-4A, adaptor male/female brass to enable easy removal of temperature gauge bulb from aluminium thermostat housing

11K2846B Adaptor male/male for oil/water temp bulb with female nut.

502269 TR2-4 Early. Glass, domed, small instrument  
502268 TR2-4 Early. Glass, domed, large instrument  
502269F TR4. Glass flat, for small instrument  
502268F TR4. Glass flat, for large instrument  
106964BEZ TR2-4A chrome rim for 50mm instrument.  
108192BEZ TR2-4A chrome rim for 127mm instrument.  
RTR8301 All car. Bulb covers blue, useful to change illumination colour or correct missing main beam indicator lens.

138308SS TR250-TR6 CARB. Pipe, block to oil gauge. Manufactured in braided stainless steel covered hose. Developed by RTR as a result of an engine bay fire in a TR5 race car when the standard plastic pipe fractured. Can also be used on TR2-4A.

149867SS TR5-6PI. Similar to 138308SS  
RTR8195 TR2-6 rubber ring for 2+instruments  
RTR8196 TR2-6 rubber ring for 5+instruments  
RTR8197 TR2-6 set 4 off RTR8195 + 2 off RTR9106  
RTR8215 TR2-4A trip reset shaft, various lengths available.

RTR4453 Float, plastic fuel tank contents gauge Sender unit.

### INSTRUMENT PANELS

RTR8307 Takes 1 x 52mm diameter instrument  
RTR8308 Takes 2 x 52mm diameter instruments

## BATTERIES AND ASSOCIATED PARTS

### BATTERIES

#### CLASSIC BATTERIES

Revington TR, under the trading name CLASSIC BATTERIES supply a full range of batteries not only for the TR range but also for all cars.

The following black rubber batteries have been selected to cover the TR range. Open bar means that each cell is joined on top of the battery by lead straps. Monolid means that all the joints are internal, only the fillers are visible externally.

RTR8003 TR2-4 Black rubber period battery. Open bar for negative earth.  
RTR8004 TR2-4 Black rubber period battery. Open bar for positive earth.  
RTR8002 TR2-4A Black rubber period battery. Monolid for positive earth.  
RTR8001 TR2-5 Black rubber period battery. Monolid for negative earth.

The above are supplied by carrier dry charged for filling on receipt.

### MODERN REPLACEMENT BATTERIES

The following are modern replacement batteries, which are supplied by carrier, filled, charged and ready to go. Next day delivery anywhere in the UK, including Northern Ireland up to and including the central belt of Scotland. A £10 surcharge applies north of the central belt of Scotland.

|         |  |
|---------|--|
| RTR8005 | TR2-4A +ve earth. 50 amp/hour. 4-year guarantee. Layout 0. 500amp cold start current.  |
| RTR8006 | TR250,5,6 -ve earth (and of course TR2-4A where the polarity has been changed to .ve earth) heavy-duty 55 amp/hour. Layout 1, 500 amp cold start current |
| RTR8008 | TR6-TR7, Dolomite, Vitesse and Spitfire etc. Original spec battery. 45 amp/hour. This is the original specification for late TR6-7 430 Amp cold start.   |

Racing batteries are supplied to special order and customer specification only

### BATTERY MAINTAINANCE

The following notes may be useful in prolonging the life of your battery in storage.

#### IN THE CAR

Provide the battery with a trickle charge so the car is always ready for use. RTR recommend battery tenderq

|         |   |
|---------|---|
| RTR9051 | This simple and cheap device plugs permanently into your battery whilst the car is not in use, monitoring battery voltage and maintaining a full charge. The device plugs into a special wiring loom which can be permanently wired into the car so that connection and disconnection only takes seconds. Alternatively the device can be connected via clips to the battery terminals. The Battery Tender is easy to use with an LED status display. First the Battery Tender verifies the battery status prior to charging and then provides a bulk charge to 12.4 volts. Finally the Battery Tender provides a full charge indefinitely. The unit is 100% waterproof and will easily pay for itself by increasing the life of your battery by 3-5 years! |
|---------|---|

### OUT OF THE CAR

- If Dry - No storage procedure. To commission fill with acid leave 20 minutes then the battery is available for use.
- If Wet - Mark the delivery date and note this on the battery. Recharge date will be 6 months hence. Note voltage on delivery date this should be 12.6 or above. If not, charge before storage as follows. At recharge date measure voltage. If below 12.4 recharge back to 12.6 or above ensuring recharge current is 10% or less of amp/hour capacity of battery.

### BATTERY ISOLATORS

|           |   |
|-----------|---|
| RTR8036   | Battery isolating switch. Mounted on feed terminal of battery. Useful as a security device and to quickly disconnect battery when working on the car. |
| RTR8061-1 | Bulkhead mounting version of RTR8036. Knob type   |
| RTR8061-2 | Bulkhead mounting version of RTR8036. Wheel type  |
| RTR8038   | Cut out switch for battery. Key operated. Key included.   |

|              |   |
|--------------|---|
| RTR8039      | Cut out switch for battery with protection for alternator. Key operated. Key included   |
| RTR8037      | Key for cut out switch.   |
| RTR8294      | Waterproof cover for cut-out switch.  |
| RTR8327K     | TR2-3B complete kit of parts to fit RTR8039 cut off switch in the dash between centre instrument panel and the glove box LHD and RHD  |
| RTR8319K     | TR2-4A complete kit of parts to fit RTR8039 cut off switch under the dash RHD and LHD   |
| RTR8320K     | TR4-6 complete kit of parts to fit RTR8039 cut off switch in the radio blank panel or $\pm$ 1qframe LHD and RHD                       |
| RTR8280LK    | TR5-6 LHD. Complete kit of parts to fit RTR8039 cut off switch under the dash. Includes switch, wiring, mounting bracket and fittings |
| RTR8280RK    | TR5-6 RHD. Complete kit of parts to fit RTR8039 cut off switch under the dash. Includes switch, wiring, mounting bracket and fittings |
| RTR8525-1.83 | Red cable 1.83m(6q) long to pull cut off switch from outside the car, with red handle   |

### BATTERY BOX LINERS, HOLD DOWN PARTS AND ANTI-CORRODE GREASE

Protect your cars engine bay with these protection liners.

|         |   |
|---------|---|
| AM7300  | TR2-3B battery box liner  |
| AM7301  | TR4-6 battery shelf liner   |
| RTR8081 | All cars. Anti corrode grease. This grease when used on all electrical connections will resist the onset of corrosion, which results in poor electrical connections, with resultant system failures.  |
| RTR8125 | Wing nut holding battery bar  |
| 150640  | TR2-6 4-way main feed connector. This standard TR6 part is useful in all applications where main feed cables need to be joined, it is especially useful on TR2-4A cars where the regulator has been removed in conjunction with the fitting of an alternator. This component conveniently allows all the power leads to be neatly connected together in place of the regulator. |
| 613051  | $\pm$ qbolt. Battery hold down 146mm (5 $\frac{3}{4}$ $\pm$ ) long.   |
| 618434  | $\pm$ qbolt. Battery hold down 178mm (7 $\frac{1}{2}$ $\pm$ ) long.   |
| 610798  | $\pm$ q bolt. Battery hold down 210mm (8 $\frac{1}{4}$ $\pm$ ) long.(Standard TR7)  |
| 601898  | Battery Bar 13+between hole centres   |
| 157910  | Battery Bar 12 $\frac{3}{4}$ +between hole centres  |
| 157740  | Battery Bar 12+between hole centres   |

### HORNS, RELAYS, FUSES, CIRCUIT BREAKERS, PLUGS & SOCKETS.

#### HORNS

|         |   |
|---------|---|
| RTR8082 | Two tone air horn kit with relay. Order 1 metre of RTR5129 clear plastic tube to connect the horns to the compressor. |
|---------|---|

**PIAA Horns**, the horns listed below are dual tone, ultra light weight, weather resistant, come in a twin pack and are very loud!

|           |  |
|-----------|--|
| RTR8478-1 | Black Horns PIAA 400/500Hz   |
| RTR8478   | Black Horns PIAA 500/600Hz   |
| RTR8478-2 | Chrome Horns PIAA 500/600Hz  |
| 2H3383    | Horn push button - dash mounted. Useful to mount as a second button in front of the navigator in cars used for rallying. |

GGE164 Horn high note modern replacement  
 GGE165 Horn low note modern replacement

### RELAYS

RTR4017K Relay kit The Bosch pump requires 10A supply. TR5-6 wiring is inadequate. This kit provides all wiring and relay to correct this situation.

RTR8012 General purpose 12V 30A relay for use with all high power auxiliary equipment for best performance of equipment and to minimise fire risk due to wiring overload

RTR8012X As RTR8012 with fused output 20amp.

RTR8265 General purpose relay as RTR8012 but with 2 x 15A outputs

RTR8229 General purpose 12V 30A relay change over type

RTR8232 Bulkhead mounted socket for RTR8012 and RTR8229

RTR8205 Flying socket for use with RTR8012 and RTR8229

### FUSES AND FUSE HOLDERS

#### GENERAL PURPOSE FUSE HOLDERS

RTR8013 General Purpose panel mounted fuse holder  
 RTR8014 General Purpose in line fuse holder. 35 amps  
 616312 Clip holding in-line fuse  
 RTR8137 8 way fuse box surface mounting  
 RTR8448 Fuse box general purpose 6 way.

#### RALLY TR4 FUSE BOX

RTR8183 Fuse box SF4 as used on Work Rally cars

#### STANDARD TR FUSES

GFS35 TR2-6 fuse 35 amp.  
 GFS50 TR2-6 fuse 50 amp

#### BLADE TYPE FUSES

|         |        |         |        |
|---------|--------|---------|--------|
| RTR8153 | 5 Amp  | RTR8123 | 10 Amp |
| RTR8154 | 15 Amp | RTR8152 | 20 Amp |
| RTR8151 | 25 Amp | RTR8481 | 40 Amp |

### CIRCUIT BREAKERS

Circuit breakers are designed to be a resettable electrical circuit interruption device. Two main types are overload and inertia.

The overload variety as the name suggests take the place of a standard fuse and are resettable.

An inertia switch is used as an engine cut-out device and is usually fitted in the fuel system. In the event of an accident the inertia switch cuts the fuel supply thus stopping the engine and minimising fuel spillage.

#### FUSE TYPE CIRCUIT BREAKERS

These circuit breakers take the place of standard blade type fuses.

|            |         |
|------------|---------|
| RTR8416-10 | 10 amp. |
| RTR8416-20 | 20 amp. |
| RTR8416-25 | 25 amp. |

#### ELECTRICAL FUEL PUMP INERTIA CUT OUT SWITCHES

C41220A Standard TR6 inertia cut out switch.  
 C41220ACL Clip for above switch.  
 RTR8346K Modern inertia cut out switch with connector. Used where an electrical fuel pump is installed. The switch cuts off the electrical supply to the fuel pump in the event of collision. Can be used

as a substitute for the standard TR6 part as it is more reliable.

### PLUGS AND SOCKETS

RTR8016 General purpose dash mounting socket. Use with plug RTR8017. Suitable for accessories such as Don Barrow Map Reading Lamp

RTR8017 Plug for use with RTR8016. Also fits cigarette lighter with adaptor supplied

RTR8017C Cigarette lighter plug

RTR8379 Cable cigarette lighter female, retracting cable to din plug male. Supplied with an adaptor to enable plugging into a normal cigarette lighter socket.

RTR8379S Short adapter, straight wire version of RTR8379 with one cigarette lighter socket

RTR8379S1 Same as RTR8379S but with 2 cigarette lighter sockets

RTR8129 Cigarette lighter illuminated

### WIRING HARNESSES AND WIRE

#### WIRE BY THE METRE

Revington TR can supply a range of electrical wire for repairing/improving your car wiring system. We can provide all colour code combinations available. A few examples are listed below. Please specify main colour and trace colour. Priced per metre: 14 strand normal application, 28-strand heavy-duty application. See web site for complete list.

|             |  |
|-------------|--|
| WIRE07/2W   | 07 strands of 0.2mm conductor, white.                  |
| WIRE14/3B   | 14 strands of 0.3mm conductor, Black.                  |
| WIRE28/3U   | 28 strands of 0.3mm conductor, Blue.                   |
| WIRE44/3N   | 44 strands of 0.3mm conductor, Brown.                  |
| WIRE65/3N/W | 65 strands of 0.3mm conductor, Brown with White trace. |
| RTR8076     | Battery feed cable red. 196/0.40mm 7mm diameter core   |
| RTR8105     | Battery feed cable black 196/0.40mm 7mm diameter core  |
| RTR8166-M   | Speaker wire.  |

### WIRING HARNESSES

Revington TR supplies the full range of standard wiring harnesses for all TRs. Please see the appropriate Triumph parts catalogue for part numbers.

The following harnesses will help you wire your cars additional equipment safely.

RTR8270K TR2-8 Auxiliary fuse box and loom kit. This kit provides 8 extra fuses, 4 supplied directly from the battery and 4 ignition controlled via a relay. Using these new fused outputs will ensure any additional features (radiator fan, spot lights etc) can be added to the alternator output without interfering with the original wiring.

RTR8476K TR4-6 Complete car loom for fast road, rally etc. Provides all the services you would ever need inc. separately fused and relayed headlamps, spot lamps, interior lights, reverse lights, boot light, electric fuel pumps, logic over drive, intermittent wipe and much more. Includes Gearbox loom. See website for full details. Whilst the loom was originally designed for TR4-4A, it has been successfully fitted to many TR5-250 and TR6 also can be adapted to fit TR2-3B.

RTR8476-3K TR2-6 and universal gearbox loom with single multi-plug connection to main loom comes with

|          |  |
|----------|--|
| RTR8360  | socket to fix to main loom provides wiring for overdrive on 2 <sup>nd</sup> , 3 <sup>rd</sup> and 4 <sup>th</sup> , reverse switch and main feed to solenoid.  |
| RTR8441  | TR5-6 complete kit for cut out switch and auxiliary loom.  |
| 27H2333  | TR5-6. Extension loom to enable central ignition switch wires to be moved to a steering lock ignition switch. Suitable for LHD or RHD.   |
| RTR8026  | TR2-3A adapter and cable from headlamp to joint by the horns   |
| RTR8029  | TR3A Lucar Extension harness loom to brake light switch  |
| RTR8030  | TR4A-5 Extension harness side/repeater lamp  |
| RTR8032  | TR4A-5 Extension harness front flasher lamp  |
| RTR8465H | TR5 Extension harness reverse lamp   |
|          | Wiring harness with fuse holder relay and switch. All the wiring needed to install two spot driving or spot lamps whilst this is a PIAA wiring harness it can of course be used for any other pair of lamps. NOT suitable for RTR8459,60,61 PR80 series of lamps as these require feeds rather than 2. |

## WIPER AND WASHER SYSTEMS

### WIPER MOTORS AND CONVERSION SETS

The original parts books do not reflect the current TR2-5 owners needs or indeed the way parts are available for purchase. The following may be helpful.

Wiper motor fitments are as follows: -

|         |  |
|---------|--|
| TR2     | Motor part No. 501684. TSI-TS996 single speed CRT type. Wiper spacing 10"                      |
| TR2-TR3 | Motor part No. 501684. TS997-TS12567 CRT type. Wiper spacing 12+                               |
| TR3-TR4 | Motor part No. 505124. TS12568-CT7783 (RHD) and CT30 (LHD) DR2 type. Wiper spacing 14 ¾+       |
| TR4     | Motor part No. 510985. From CT7784 (RHD) & CT31 (LHD). DR3A type. Single speed                 |
| TR4A-5  | Motor part No. 514821. Two speed DR3A type (also optional equipment TR3 from TS12568 onwards). |

*The above units are available rebuilt on an exchange basis. Please use the part numbers suffixed EX.*

The following kits have proved immensely popular with drivers who like to see where they are going. The kits include a 14W round bodied wiper motor which is much stronger than the original TR2-5 items, wheel boxes, tubes, a mounting bracket and full instructions. Two speeds are provided, self-park and the ability to fit an intermittent operation kit.

|            |   |
|------------|---|
| RTR8395-AK | Kit of parts to fit 14W type wipers to TR2-3B         |
| RTR8395-BK | Kit of parts to fit 14W type wiper system to TR4-4A   |
| RTR8395-CK | Kit of parts to fit 14W type wiper system to TR5, 250 |

### WIPER SYSTEM PARTS

|          |   |
|----------|---|
| 502005F  | TR2-3 ferrule CRT type wheel box plain  |
| 502005FC | TR2-3 ferrule CRT type wheel box chrome plated - none original but pretty.            |
| 502005NT | TR2-3 CRT type Chrome nut securing wheel box.   |
| 504628   | TR3A wiper ferrule chrome.  |
| ADC560   | Gasket under TR3A wiper wheel box and ferrule. Can be used on TR2-3 CRT type also.    |
| 37H6316  | TR4 wheel box. These are supplied without washer sets. Use the parts described below. |

|             |   |
|-------------|---|
| RTR8244     | TR4 wiper motor shaft and gear for DR3A 100° (original is 110°).  |
| 37H7738     | TR6 wheel box. These are supplied without washer sets. Use parts described below.   |
| ANK3459     | TR3-TR5 and TR250. Chrome nut securing wheel box.   |
| 17H8769     | TR6 Chrome nut securing wheel box. (eight sided)  |
| 13H7761     | TR6 Wiper switch. Early oblong type. A modern equivalent with a chrome rim. The inner dashboard will need to be relieved  |
| RTR8373     | TR6 Plug loom TR6 wiper motor.  |
| RTR8288     | Washer & circlip set to fit gearwheel to TR6 wiper motor  |
| RTR8159     | TR3A-3B wiper tube set.   |
| RTR8396     | TR4-5 wiper tube set.   |
| RTR8397     | TR6 wiper tube set.   |
| RTR8355     | TR3-8 wiper tube nut.   |
| RTR8067     | TR4-6 Bush, angled below bulkhead. 2 required per car. Manufactured from strong nylon as the original rubber is prone to split, resulting in floppy wipers. Can also be used for TR3A if shortened by 4.76mm.   |
| RTR8351-HK  | All cars. Intermittent wiper kit. Kit of parts to convert your windscreen wipers to intermittent operation. This kit includes general fitting instructions as well as those instructions specific to TR6  |
| RTR8369     | Bracket, mounts switch for RTR8351 intermittent wipe kit onto dashboard.  |
| RTR8351-1CP | TR6CP/CC Intermittent wiper control unit. This unit adds variable intermittent wipe to the standard wiper arrangement and is programmed and operated via the original wiper switch to delay between 2 and 20 seconds. No extra switches are required. A useful extra facility is the addition of 3 or 4 wiper sweeps when the washers are operated. |
| RTR8351-1CR | As above with wiring to suit CF/CR rotary wiper switch.   |

### WIPER ARMS AND BLADES

|            |  |
|------------|--|
| 114485X    | TR3A Heavy duty wiper arm.   |
| 131105HD   | TR4-5 arm wiper RH RHD. Heavy-duty with positive screw clamp to serrated spindle. Ideal when the aluminium serrated spindle head is worn and will not hold a standard arm. |
| 131106HD   | TR4-5 arm wiper LH RHD   |
| 131107HD   | TR4-5 arm wiper RH LHD   |
| 131108HD   | TR4-5 arm wiper LH LHD   |
| GWB215     | TR2-3A wiper blade articulated type, 10 times better than the Mickey Mouse original type!  |
| RTR8521-38 | All cars wiper blade insert, 380mm (15+) long by PIAA. Vastly superior screen wiping   |

### WINDSCREEN WASHERS TR2-3B

Should you wish to convert your TR2-3B to electrical screen washers Revington TR have a number of ways of doing this, please enquire for details or pick from the parts below.

|           |   |
|-----------|---|
| 553729J   | TR2-3 B type jet chrome original          |
| GWW802    | Jet chrome universal single outlet.       |
| GWW801    | Jet chrome universal twin outlet.         |
| RTR8186-1 | Jet black single outlet, angle adjustable |
| RTR8186   | Jet black twin outlet, angle adjustable   |
| GWW124    | Universal screen washer pump, metal       |
| GWW125    | Universal screen washer pump, plastic     |
| RTR5126M  | Tubing 3mm ¼ piece to jets                |
| RTR5127M  | Tubing 4mm bottle to pump and to T piece  |
| GWW404    | T Piece                                   |
| GWW601    | Foot filter (not non return)              |
| RTR8142   | Universal electrical washer push switch.  |

- RTR8184 Aftermarket bottle and pump combined. 1.8litre capacity  
 RTR8185 As RTR8184 but 2.5 litre capacity

### **WINDSCREEN WASHERS TR4-6**

- LU54704807 TR5-6 Jet and bush kit rubber type. Consists of 2x upper rubber bush, 2x lower angles bush, 2 x feed pipe, 2 x jet  
 LU743294 TR4-6 Jet in the side of support.  
 RTR8184 After market bottle and pump combined. 1.5 litre capacity.  
 RTR8185 As RTR8184 but 2.2 litre capacity.  
 RTR8411 Modern replacement TR5, 250, TR6CP rocker wiper switch with illumination.  
 RTR8475 Plug to neatly connect all wires to the back of switches RTR 8410 and RTR8412  
 RTR8501 Switch mounting. Two of these allow two RTR8410/2 to be mounted together.

## **ALTERNATORS, DYNAMOS, CONTROL BOXES HEAT SHIELDS AND STARTER MOTORS**

### **DYNAMOS AND CONTROL BOXES**

- GXE3101-1 TR2-4A Dynamo with a higher output (28Amp rather than 22Amp) than standard. This unit is 6mm (1/4") longer than standard, so will need spacing off the mounting bracket at the rear. Clearance to the exhaust manifold will also need to be checked. Units are supplied polarised for negative earth. Ideal where higher output is required but an authentic look is important. See Alternatorsq below for fundamentally higher powered, more reliable kits.  
 GEU6606 Regulator RB340 as used on Works Rally car, regulates current and voltage  
 GEU6603X TR2-4A modified regulator Lucar type. All coils have been removed and the unit wired internally to effect the correct connection for our alternator conversions. This makes an ideal connection box for those wishing to preserve the look of their bulkhead. In addition the vacant space under the lid can be used as a convenient storage box for spare fuses and bulbs.  
 GEU6606X TR2-4A A GEU6606 modified in the same way as GEU6603X

### **ALTERNATORS**

Revington TR can offer four variations of alternator conversions for TR2-4A depending on the size of your pocket and application. In addition we can supply higher-powered units to suit TR5-8.

- RTR8168K TR2-4A 37 Amp output alternator conversion kit, weighing 3.6kg, retaining the original fan belt. The kit includes all the necessary brackets, fixings, electrical connections and instructions to make the conversion. With the greater output provided by an alternator, it is feasible to add extra electrical services to your car, however be aware that the original wiring has insufficient capacity to accept additional loads. Revington TR recommends incorporating our Auxiliary Fuse Box kit RTR8270K with the alternator installation.  
 RTR8170K TR2-4A 37 Amp output alternator conversion kit, weighing 3.6kg, incorporating a thin fan belt conversion. The kit includes all the necessary

brackets, fixings, electrical connections and instructions to make the conversion. With the greater output provided by an alternator, it is feasible to add extra electrical services to your car, however be aware that the original wiring has insufficient capacity to accept additional loads. Revington TR recommends incorporating our Auxiliary Fuse Box kit RTR8270K with the alternator installation.

- RTR8130K TR2-4A alternator conversion incorporating a 65amp alternator incorporating a thin fan belt conversion. The kit includes aluminium crank and water pump pulleys and all the necessary brackets, fixings, electrical connections and instructions to make the conversion. A 60 amp Ammeter should be used, order RTR8512BFCR or RTR8169. With the greater output provided by an alternator, it is feasible to add extra electrical services to your car, however be aware that the original wiring has insufficient capacity to accept additional loads. Revington TR recommends incorporating our Auxiliary Fuse Box kit RTR8270K with the alternator installation.

- RTR8131K TR2-4A 65 amp alternator kit to suit cars already fitted with a thin belt conversion. The kit includes all the necessary brackets, fixings, electrical connections and instructions to make the conversion. A 60 amp Ammeter should be used, order RTR8512BFCR or RTR8169. With the greater output provided by an alternator, it is feasible to add extra electrical services to your car, however be aware that the original wiring has insufficient capacity to accept additional loads. Revington TR recommends incorporating our Auxiliary Fuse Box kit RTR8270K with the alternator installation.

- RTR8171K TR2-4A lightweight 55-amp max output alternator conversion kit, incorporating a thin fan belt conversion. Weighing just 2.8kg this unit is ideal for rally or race purposes. The kit includes aluminium crank and water pump pulleys and all the necessary brackets, fixings, electrical connections and instructions to make the conversion. A 60 amp Ammeter should be used, order RTR8512BFCR or RTR8169. With the greater output provided by an alternator, it is feasible to add extra electrical services to your car, however be aware that the original wiring has insufficient capacity to accept additional loads. Revington TR recommends incorporating our Auxiliary Fuse Box kit RTR8270K with the alternator installation.

- RTR8431 TR2-4A Alternator in a dynamo casing. This unit has been designed to look the same as a dynamo but is in fact an alternator inside with an internal regulator. The output is set to 28-amp so that the wiring and ammeter as fitted to TR2-4A with cope with the current. With the greater output provided by an alternator, it is feasible to add extra electrical services to your car, however be aware that the original wiring has insufficient capacity to accept additional loads. Revington TR recommends incorporating our Auxiliary Fuse Box kit RTR8270K with the alternator installation.

NOTE: The thin belt conversion element of kits RTR8170K, RTR8130K and RTR8171K all retain the original fan arrangement. Should you wish to dispense with this and bolt the crank pulley direct to the crankshaft, order short bolt kit RTR1027K.

|          |   |
|----------|---|
| GXE2211  | TR5-6 alternator. 17 ACR (37 amp) unit where higher power is required than the standard 15 AC (28 amp) unit.  |
| RTR8124  | TR5-6 very high power alternator (65 amp) for use when your TR is all tooled up with accessories! This should be considered if you have a Bosch Pump and electric engine fan. A 60 amp Ammeter should be used, order RTR8512BFBR.   |
| RTR8124K | TR5-6 and Rover V8 Kit comprising alternator RTR8124 plus all fittings required. Fits Rover V8 with the alternator on the RHS of the engine and with a bottom adjuster. See RTR8503K for top adjuster version. See information sheet IS0032 for clarification, TR5-early TR6 should use a 60 amp Ammeter, order RTR8512BFBR Plug kit for 65amp alternator |
| RTR8208  | TR7 As RTR8124, but suitable for TR7  |
| RTR8206  | TR7 As RTR8206. Including fittings.   |
| RTR8206K | TR7 V8. Fits Rover V8 with the alternator on the RHS of the engine and with a top adjuster. See RTR8124K for bottom adjuster version. See information sheet IS0032 for clarification.   |
| RTR8503K |   |

### HEAT SHIELDS

|         |  |
|---------|--|
| RTR2067 | TR2-4A heat shield between manifold and dynamo/alternator. |
|---------|--|

Revington TR recommends using our auxiliary fuse box kit when installing our alternator kit. Order Part No. RTR8270K, see Wiring Harnesses this section for details.

### STARTER MOTORS

|                    |  |
|--------------------|--|
| RTR8257K           | TR2-3. For engines with pressed-on ring gear. Geared starter motor. Lighter and more powerful than standard. Ideal for high compression engines. Weight 3.95kg. Suits shrink on ring gear. |
| RTR8201K           | TR3A-4A as RTR8257K. Suitable only for bolt on ring gears.   |
| RTR8163K<br>102014 | TR5-6 as RTR8257K. Spacer to facilitate correct fitment of starters with respect to ring gear.   |
| GAC181             | TR5-6 Heat shield to protect starter motor when extractor manifolds are fitted.  |

### RADIATOR ELECTRIC FANS

See section 1 for radiator electric fans.

### ELECTRICAL HARDWARE

#### CONNECTORS

##### LUCAR TERMINALS

|         |  |
|---------|--|
| RTR8011 | Lucar terminal. 6.35mm un-shrouded female            |
| RTR8053 | Lucar female terminal 6.35mm non-insulated           |
| RTR8064 | Insulator clear for female Lucar for RTR8053         |
| RTR8100 | Lucar female terminal 9.5mm non-insulated side entry |
| RTR8101 | Insulator clear for RTR8100                          |
| RTR8098 | Lucar female terminal 9.50mm non-insulated           |
| RTR8099 | Insulator clear for RTR8098                          |
| RTR8104 | Lucar blade 9.50mm/4.7mm hole/45° angle              |
| RTR8071 | Lucar connector female red piggyback 6.35mm          |
| RTR8156 | Lucar connector female blue piggyback 6.35mm         |
| RTR8072 | Lucar connector male red. Half shrouded 6.35mm       |

|         |   |
|---------|---|
| RTR8073 | Lucar connector male blue. Half shrouded 6.35mm       |
| RTR8111 | Lucar connector female. Red. Fully shrouded 6.35mm    |
| RTR8112 | Lucar connector female. Blue. Fully shrouded 6.35mm   |
| RTR8447 | Lucar connector female yellow half shrouded 9.5mm     |
| RTR8113 | Lucar connector female. Yellow. Fully shrouded 9.5mm  |
| RTR8114 | Earth connector 6 x Lucar blade 6.3mm with 3.2mm hole |

#### BULLET CONNECTORS

|         |   |
|---------|---|
| RTR8097 | Bullet connector. Crimp or solder on. For 9/030mm wire  |
| RTR8034 | Bullet connector. Crimp or solder on. For 14/030mm wire |
| RTR8035 | Bullet connector. Crimp or solder on. For 28/030mm wire |
| RTR8445 | Bullet connector, crimp or solder on. For 44/030mm wire |
| 003632  | Bullet connector: solder type                           |
| 27H6713 | Bullet connector: push on type for lamps                |
| 2H3406  | Joiner, 2-way, bullet connector                         |
| GHF2211 | Joiner, 4-way, bullet connector. (Joined)               |
| RTR8417 | Joiner, 8-way.  |
| BHA4460 | Joiner, 6-way, bullet connector. (Joined)               |
| RTR8236 | Joiner, 2-way x 3-bullet connector. (Separated)         |
| RTR8237 | Joiner, 2 way x 5-bullet connector. (Separated)         |
| 236366A | Earth connector 2 x bullet receiver                     |

#### MULTI PIN CONNECTORS

|           |   |
|-----------|---|
| RTR8471   | Connector socket. Headlamp 3pin 8mm blade.  |
| RTR1406FK | 4 way female with 6.3mm male lucar blade to match RTR1406MK. Order RTR8487 for spare blades.        |
| RTR1406MK | 4 way male with 6.3mm female lucar receptor, to match RTR1406FK. Order 4 RTR8488 for spare receptor |
| RTR8508M  | 5 way connector . male part   |
| RTR8380S  | Socket for RTR8508M   |
| RTR8508F  | 5 way connector . female part   |
| RTR8380P  | Pin for RTR8508F  |
| RTR8381M  | 7 way connector - male part   |
| RTR8380S  | Socket for RTR8381M   |
| RTR8381F  | 7 way connector . female part   |
| RTR8380P  | Pin for RTR8381F  |
| RTR8380M  | 9 way connector . male part   |
| RTR8380S  | Socket for RTR8380M   |
| RTR8380F  | 9 way connector . female part   |
| RTR8380P  | Pin for RTR8380F  |

#### RING TAGS

Insulated ring tags come in 3 colours as follows: -

|        |   |
|--------|---|
| Red    | for wire size 05-1.5mm CSA (14 strand)  |
| Blue   | for wire size 1.5-2.5mm CSA (28 strand) |
| Yellow | for wire size 4-6mm CSA (56 strand)     |

|              |                             |
|--------------|-----------------------------|
| RTR8384-3.7  | Red 3.7mm diameter hole     |
| RTR8384-5.3  | Red 5.3mm diameter hole     |
| RTR8384-6.35 | Red, 6.35mm diameter hole   |
| RTR8384-8.4  | Red, 8.4mm diameter hole    |
| RTR8384-10.5 | Red, 10mm diameter hole     |
| RTR8080-3.7  | Blue, 3.7mm diameter hole   |
| RTR8080-5.3  | Blue 5.3mm diameter hole    |
| RTR8080-6.4  | Blue 6.35mm diameter hole   |
| RTR8080-8.4  | Blue, 8.4mm diameter hole   |
| RTR8080-10.5 | Blue, 10.5mm diameter hole  |
| RTR8335-3.7  | Yellow, 3.7mm diameter hole |
| RTR8335-5.3  | Yellow 5.3mm diameter hole  |

|              |  |
|--------------|--|
| RTR8335-6.4  | Yellow 6.35mm diameter hole  |
| RTR8335-8.4  | Yellow, 8.4mm diameter hole  |
| RTR8335-10.5 | Yellow, 10.5mm diameter hole                                       |
| RTR8333-1    | Ring tag, 6 mm bore, 6mm mounting hole for 16mm CSA lead short leg |
| RTR8333-2    | Ring tag, 6 mm bore, 6mm mounting hole for 16mm CSA lead long leg  |
| RTR8334      | Ring tag, 7 mm bore, 8mm mounting hole for 25mm CSA lead           |
| RTR8422      | Ring tag, solder type, 7 mm bore, 6mm mounting hole                |
| RTR8423      | Ring tag, solder type, 7 mm bore, 8mm mounting hole                |
| RTR8424      | Ring tag, solder type, 7 mm bore, 10mm mounting hole               |
| RTR8160      | Ring tag 8.5mm bore, 6mm mounting hole for 35mm CSA lead.          |
| RTR8426      | Ring tag, 8mm hole for 10mm <sup>2</sup> cable                     |
| RTR8241      | Ring tag 8.5mm bore, 8mm hole for 35mm CSA lead                    |
| RTR8161-1    | Ring tag 8.5mm 10mm mounting for 35mm CSA lead Short leg           |
| RTR8161-2    | Ring tag 8.5mm 10mm mounting for 35mm CSA lead long leg            |
| RTR8103      | 6.50mm hole un-insulated.  |
| RTR8102      | 9.8mm hole un-insulated, for 10mm conductor                        |

### TERMINAL BOOTS

The following boots can be used to cover exposed terminals where ring tags are connected to screwed posts.

|           | Cable Hole    | Terminal Hole |
|-----------|---------------|---------------|
| RTR8202-1 | 6             | 11            |
| RTR8202-2 | 8             | 11            |
| RTR8202-3 | 8x14 (oblong) | 21            |

### BUTT CONNECTORS

|          |  |
|----------|--|
| RTR8074R | Butt connector crimp standard. Red             |
| RTR8074U | Butt connector crimp standard. Blue            |
| RTR8094R | Butt connector with heat shrink sleeve. Red    |
| RTR8094U | Butt connector with heat shrink sleeve. Blue   |
| RTR8094Y | Butt connector with heat shrink sleeve. Yellow |

### BATTERY TERMINALS

|         |  |
|---------|--|
| RTR8106 | Terminal battery +ve solder less             |
| RTR8107 | Terminal battery +ve solder type             |
| RTR8108 | Terminal battery -ve solder less             |
| RTR8109 | Terminal battery -ve solder type             |
| RTR8119 | Cover battery terminal +ve red, end entry    |
| RTR8120 | Cover battery terminal -ve blue, end entry   |
| RTR8282 | Cover battery terminal +ve red, side entry   |
| RTR8283 | Cover battery terminal -ve black, side entry |

### SLEEVING

Plain and heat shrink type sleeving is supplied black per meter in the sizes below.

#### HEAT SHRINK BLACK

| Part No | Bore size | Part No | Bore size |
|---------|-----------|---------|-----------|
| RTR8083 | 2.4mm     | RTR8088 | 12.7mm    |
| RTR8084 | 3.2mm     | RTR8089 | 19.0mm    |
| RTR8085 | 4.8mm     | RTR8090 | 25.4mm    |
| RTR8086 | 6.4mm     | RTR8491 | 30.0mm    |
| RTR8087 | 9.8mm     | RTR8091 | 38.0mm    |

#### PLAIN PVC BLACK

|         |     |         |      |
|---------|-----|---------|------|
| RTR8044 | 6mm | RTR8322 | 11mm |
| RTR8045 | 9mm | RTR8092 | 16mm |

### HEAT RESISTANT SLEEVING & TAPE

|         |  |
|---------|--|
| RTR8414 | Sleeve heat resisting 6mm I/D  |
| RTR8415 | Sleeve convolute heat resisting 14.5mm I/D   |
| RTR8437 | Tape: heat resistant 37mm wide. Useful for binding dynamo/alternator wires near hot exhaust manifolds. |

### SPIRAL CABLE BINDING

Useful for protecting exposed wires, brake hoses etc.

|         |        |
|---------|--------|
| RTR8115 | 3.2mm  |
| RTR8116 | 6.4mm  |
| RTR8117 | 12.7mm |

### MISCELLANEOUS

|          |   |
|----------|---|
| RTR8425  | Ty wrap retainer self-adhesive  |
| RTR8040  | Marker tags for wire end identification will take 14 characters at 17 characters per inch by 6 lines per inch generated on a computer W.P. Held on by Ty wrap RTR8041 |
| RTR8041  | Ty wrap, small. See section 5 for full list   |
| RTR8332  | One-piece marker tie with flag for marking identification.  |
| RTR8093  | Loom tape.  |
| RTR8292B | Tape insulating black 19mm x 33m  |
| RTR8292Y | Tape insulating yellow 19mm x 20m   |
| RTR8274  | Bag of electrical connectors used in travel kits.   |