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<td>Up to 1977 model year.</td>
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<tr>
<td>ACL1U</td>
<td>USA Federal model up to 1977.</td>
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<td>ACL1UC</td>
<td>USA California model up to 1977.</td>
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<tr>
<td>ACW1U</td>
<td>USA Federal model 1977 through 1978.</td>
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<tr>
<td>ACW1UC</td>
<td>USA California model 1977 through 1978.</td>
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<td>ACW1N</td>
<td>Canadian model 1977 through 1979.</td>
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<td>TCW100,001</td>
<td>USA Coupe, 1979.</td>
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<td>TCT100,001</td>
<td>USA Convertible, 1979.</td>
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1980 onwards (new vehicle identification numbering system):

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<td>TPVEJ8AT</td>
<td>USA Federal Coupe, Manual Transmission, LHS.</td>
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<td>TPVEJ4AT</td>
<td>USA Federal Coupe, Automatic Transmission, LHS.</td>
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<tr>
<td>TPZEJ8AT</td>
<td>USA California Coupe, Manual Transmission, LHS.</td>
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<tr>
<td>TPZEJ4AT</td>
<td>USA California Coupe, Automatic Transmission, LHS.</td>
</tr>
<tr>
<td>TPLEJ8AT</td>
<td>Canadian Coupe, Manual Transmission, LHS.</td>
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<tr>
<td>TPLEJ4AT</td>
<td>Canadian Coupe, Automatic Transmission, LHS.</td>
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<tr>
<td>TPVDJ8AT</td>
<td>USA Federal Convertible, Manual Transmission, LHS.</td>
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<tr>
<td>TPVDJ4AT</td>
<td>USA Federal Convertible, Automatic Transmission, LHS.</td>
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<tr>
<td>TPZDJ8AT</td>
<td>USA California Convertible, Manual Transmission, LHS.</td>
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<td>TPLDJ8AT</td>
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<td>TPLDJ4AT</td>
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Note: 1980 Model Year commences at V.I.N. 200001. 1981 Model Year commences at V.I.N. 402001. Solihull built vehicles commence at V.I.N. 400001 and have the same 8 digit prefix code as shown above except that the eighth letter will be “A” instead of “T”.

TR8 models use the prefix ACN1.

### Body Numbers

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<td>1CG</td>
<td>1978.</td>
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<td>T1CK</td>
<td>TR8 models.</td>
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<td>1CK</td>
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<td>CL1U</td>
<td>USA Federal models up to 1977.</td>
</tr>
<tr>
<td>CL1UC</td>
<td>USA California models up to 1977.</td>
</tr>
<tr>
<td>CV1U</td>
<td>USA Federal models 1977 onwards.</td>
</tr>
<tr>
<td>CV1UC</td>
<td>USA California models 1977 onwards.</td>
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<tr>
<td>CL1UE</td>
<td>Canadian models 1977 onwards.</td>
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<tr>
<td>CL45001</td>
<td>Canadian models 1979 onwards.</td>
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<tr>
<td>CV20001</td>
<td>USA Carburetted models 1979 onwards.</td>
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<td>CK1</td>
<td>USA Fuel Injected models 1979 onwards.</td>
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<td>10E00001A</td>
<td>TR8 Federal model, manual transmission.</td>
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<td>11E00001A</td>
<td>TR8 Federal model, automatic transmission.</td>
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<td>12E00001A</td>
<td>TR8 California model, manual transmission.</td>
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<td>CLI</td>
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<td>027</td>
<td>Automatic, through 1978.</td>
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<td>027M</td>
<td>Type 65 automatic, carburetted engine, 1979 onwards.</td>
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<td>063J</td>
<td>Type 65 automatic, petrol injection, 1979 onwards.</td>
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<td>076N</td>
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<td>077K</td>
<td>Type 66 automatic, petrol injection, 1979 onwards.</td>
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<td>15A00001A</td>
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<td>051N</td>
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<td>CZK3438</td>
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<td>876-955</td>
<td>Wilmot Breeden</td>
<td>17H2475</td>
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<td>Britax</td>
<td>37H7194</td>
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<td>001-1000</td>
<td>Britax</td>
<td>37H7195*</td>
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<td>BLRO.VV.VL.</td>
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<td>Lowe &amp; Fletcher</td>
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<td>FH (long tip)</td>
<td>1-3948</td>
<td>Waso</td>
<td>37H7192</td>
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<td>Waso</td>
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<td>37H7197</td>
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<td>37H7197</td>
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<td>001-1500</td>
<td>Wilmot Breeden</td>
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<td>3001-4000</td>
<td>C. E. Marshall</td>
<td>37H8689</td>
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<td>11225-53332</td>
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<td>Neiman</td>
<td>37H7190</td>
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<td>Neiman</td>
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<td>No Series Letter (Collapsable Head)</td>
<td>7001-9000</td>
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*Pre Cut No.3 Depth First Cut Blank.

To check for availability and price of key blanks, look up the part number in the last column to the right (from above) in our price list.
### Exterior Paint and Trim Colour Identification Code

#### Body Colour and Paint Code

<table>
<thead>
<tr>
<th>Exterior Colour</th>
<th>Paint Code</th>
<th>Trim Colour</th>
<th>Trim Code</th>
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<tbody>
<tr>
<td>Carmine</td>
<td>CAA</td>
<td>Triton</td>
<td>HAG</td>
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<tr>
<td>Inca Yellow</td>
<td>FAB</td>
<td>Black</td>
<td>PAC</td>
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<tr>
<td>Russet Brown</td>
<td>AAE</td>
<td>Porcelain</td>
<td>NCG</td>
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<tr>
<td>Brooklands Green</td>
<td>HAE</td>
<td>Aran Beige</td>
<td>NCC</td>
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<td>Pageant Blue</td>
<td>JAG</td>
<td>Bordeaux Red</td>
<td>CCK</td>
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<td>Leyland White</td>
<td>NAF</td>
<td>Pharoah Gold</td>
<td>GCF</td>
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<tr>
<td>Vermilion</td>
<td>CAE</td>
<td>Argent Silver</td>
<td>MCB</td>
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<td>Turmeric</td>
<td>FCB</td>
<td>Cavalry Blue</td>
<td>JCJ</td>
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<tr>
<td>Richelieu</td>
<td>CCE</td>
<td>Ermine</td>
<td>NME</td>
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<td>HAF</td>
<td>Monza</td>
<td>CMV</td>
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<td>CDE</td>
<td>Oporto</td>
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<td>Midas</td>
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#### Trim Colour and Trim Code

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<th>Paint Code</th>
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<tr>
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<td>Emerald</td>
<td>HAC</td>
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<tr>
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<td>PAA</td>
<td>Red &amp; Black</td>
<td>RAA</td>
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<tr>
<td>Beige</td>
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<td>RAB</td>
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<tr>
<td>Chestnut</td>
<td>AAD</td>
<td>Navy Blue</td>
<td>JAJ</td>
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<tr>
<td>Tartan Red</td>
<td>CAC</td>
<td>Golden Tan</td>
<td>AAM</td>
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</table>

Colours of Paint and Trim items are denoted by the code letters shown above following the Part Number. Paint and Trim Colours are recorded on the Commission (Vehicle Identification No.) No. Plate located on the inside edge of the vehicle’s left-hand door.
## Symbols and Abbreviations Used in This Catalogue

### Symbols

<table>
<thead>
<tr>
<th>Symbol</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>Right Hand Steering</td>
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<td>Left Hand Steering</td>
<td>Left Hand Steering</td>
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<tr>
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<tr>
<td>Left Hand</td>
<td>Left Hand</td>
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<tr>
<td>Safety Item</td>
<td>Safety Item</td>
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<tr>
<td>Exhaust Emission</td>
<td>Exhaust Emission</td>
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<tr>
<td>Not Exhaust Emission</td>
<td>Not Exhaust Emission</td>
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<table>
<thead>
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<th>Symbol</th>
<th>Description</th>
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</thead>
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<tr>
<td>Denotes parts fitted up to serial number(s) shown below.</td>
<td></td>
</tr>
<tr>
<td>Indicates parts fitted from a serial number(s) up to another serial number(s).</td>
<td></td>
</tr>
<tr>
<td>Denotes parts fitted from a serial number(s) onwards.</td>
<td></td>
</tr>
<tr>
<td>Refer to note at foot of page.</td>
<td></td>
</tr>
<tr>
<td>Refers to associated page or indicates part or assembly to which item connects.</td>
<td></td>
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</table>

### Standard Abbreviations

<table>
<thead>
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<th>Description</th>
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<tr>
<td>1st</td>
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<tr>
<td>2nd</td>
<td>2nd position</td>
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<tr>
<td>3rd</td>
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<td>4th position</td>
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<td>5th</td>
<td>5th position</td>
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<td>2.</td>
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<td>5.</td>
<td>5th position</td>
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<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
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<tr>
<td>A/C</td>
<td>Air Conditioning</td>
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<tr>
<td>A/R</td>
<td>As required.</td>
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<tr>
<td>Assy.</td>
<td>Assembly</td>
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<tr>
<td>Auto.</td>
<td>Automatic Gearbox</td>
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<tr>
<td>Carb.</td>
<td>Carburetter models</td>
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<tr>
<td>CKD</td>
<td>Completely knocked down</td>
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<tr>
<td>C/R</td>
<td>Compression ratio</td>
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<td>g</td>
<td>Grammes</td>
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<td>LWB</td>
<td>Long Wheel Base models</td>
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<tr>
<td>NLS</td>
<td>No Longer Serviced</td>
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<tr>
<td>NSS</td>
<td>Not Supplied Separately</td>
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<td>O/D</td>
<td>Overdrive</td>
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<td>PAS</td>
<td>Power Assisted Steering</td>
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<td>P.I</td>
<td>Petrol injection models</td>
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<td>S/D</td>
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<tr>
<td>SOO</td>
<td>Special Order</td>
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<tr>
<td>SS</td>
<td>Selected Sizes</td>
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<tr>
<td>SWB</td>
<td>Short Wheel Base Models</td>
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<tr>
<td>12.75&quot;</td>
<td>Lengths in inches</td>
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### Country Abbreviations

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<td>Canada</td>
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<td>Spain</td>
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<td>Sweden</td>
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<td>Senegal</td>
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<td>TN</td>
<td>Tunisia</td>
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<tr>
<td>USA</td>
<td>United States of America</td>
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<tr>
<td>VN</td>
<td>Vietnam</td>
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</tbody>
</table>

1979 and future:
RTC2549 (USA) Low Compression (8:1 Ratio)
RTC1286 (Canada) Low Compression (8:1 Ratio)


TR7 FOUR-CYLINDER ENGINE— Cylinder Liners, Drain Plug, Lifting Eye.

TR7 FOUR-CYLINDER ENGINE— Sump, Dipstick— 1979 Onward.

① Engine Number CL28290 (USA).

① Fitted as an alternative to 22G2115.
② Vehicle Identification Number 401630.
③ Engine Number CG31947.


TR7 FOUR-CYLINDER ENGINE—Crankshaft and Pulley, Idler Shaft—1979 Onward.

TR7 FOUR-CYLINDER ENGINE—Rear Engine Plate, Flywheel, Driveplate—1979 Onward.

Engine Numbers CG894, CL36771, CV10.

Fitted to vehicles with Manual Gearbox.
Fitted to vehicles with Automatic Gearbox.

1. Use part number GHF331 from 1979 onward.
2. Use part number SH604071 from 1979 onward.
3. Use part number SH604061 from 1979 onward.

TR7 FOUR-CYLINDER ENGINE—Piston, Connecting Rod and Bearings—1979 Onward.

1. Use part number GHF331 from 1979 onward.
2. Use part number SH604071 from 1979 onward.
3. Use part number SH604061 from 1979 onward.


TR7 FOUR-CYLINDER ENGINE—Oil Suction Pipe, Oil Transfer Adaptor.

1. Fitted to U.S. cars with fuel injection from 1979 onward.
2. Fitted to U.S. and Canada carburetted cars from 1979 onward.
TR7 FOUR-CYLINDER ENGINE—Camshaft Cover, Head Gasket—
Through 1978.

PT. NO. TRFC074 CYLINDER HEAD WARP ELIMINATOR KIT, CONSISTS OF A SET OF
SPECIAL PLATES WHICH ARE USED TO SUPPORT THE HEAD AS IT IS BOLTED ONTO
THE ENGINE BLOCK. SOME MACHINE WORK IS REQUIRED TO FIT THIS KIT. INSTRUC-
TIONS INCLUDED.

Also Available: PT. NO. TRFCDD25 HEAD GASKET, +.025" ADDITIONAL THICKNESS.
② Fitted to carbureted vehicles only.
③ Engine Numbers CG28623, CV31778, CL41809.

TR7 FOUR-CYLINDER ENGINE—Camshaft Cover, Head Gasket—1979 onward.

ALSO AVAILABLE: PT. NO. TRFC074 HEAD GASKET, +.025" ADDITIONAL THICKNESS.

1979 Onward:

 ALSO AVAILABLE: PT. NO. TRFC011 BRONZE VALVE GUIDE, INTAKE OR EXHAUST, TR7
PT. NO. RTG2575 HEAD BOLT AND STUD KIT

① Part of TKC4822/3 Cylinder Head □ USA Heater only
**TR7 FOUR-CYLINDER ENGINE—Timing Chain, Chainwheels.**

Part number 154161 was fitted from 1979 onward.

**TR7 FOUR-CYLINDER ENGINE—Timing Cover, Crankshaft Pulley.**

Fitted throughout 1978:
- UKC1626
- UKC1769

Fitted from 1979 onward:
- GFB295
- UKC1626 (USA Fuel Inj.)
- UKC1769 (USA/CDN Carb.)

Single groove pulley (fan belt).

Twin groove pulley (fan/air pump belts).
TR7 FOUR-CYLINDER ENGINE—Water Pump Kit and Cover.

1. Fitted to Canadian cars with carburetted engines.
2. Fitted to US cars with carburetted engines.
3. Fitted to US cars with fuel injection.
4. Engine Numbers CG33140, CK961.


1. Engine Number CL468.
2. Engine Numbers CG77, CL15203.


TRIUMPH TR 7
Engine

TR7 FOUR-CYLINDER ENGINE—Inlet Manifold and Gasket, E.G.R.
Valve—USA Models—Fitted From Engine Number CV10 Onward.

TR7 FOUR-CYLINDER ENGINE—Inlet Manifold, Thermostat—
Canadian Models with Carburetted Engines—1979 onward.

TR7 FOUR-CYLINDER ENGINE—Inlet Manifold, Thermostat—
USA Models with Fuel Injection—1979 Onward.

TR7 FOUR-CYLINDER ENGINE—Inlet Manifold, Thermostat—
USA Models with Carburetted Engine up to Vehicle Identification
Number 401629—1979 onwards.

1) Engine Number CV27571.
2) Engine Number CV30570.
3) Incorporated approximately May 1981.
TRIUMPH TR7

Engine

TR7 FOUR-CYLINDER ENGINE—Air Pump and Mounting, Air Pump Belt—USA Models Engine Number CV10 (1977) Onward.


TR7 FOUR-CYLINDER ENGINE—Air Injection—USA Models Engine Number CV10 (1977) Onward.

© Bracket number TKC3832 fitted from 1979 onward.
© Belt number GFB10635 fitted from 1979 onward.

© Engine Number CL926.
TR7 FOUR-CYLINDER ENGINE—Exhaust and Hot Air Manifolds—Detoxed Engines Only.

Vehicle Identification Numbers ACL3682 (Federal models), ACL3938 (California models).

Fitted to USA Federal models, and USA California models from 1977 onward.

Fitted to USA California models from 1974-1976.

TR7 FOUR-CYLINDER ENGINE—Exhaust and Hot Air Manifolds—1979 Onward.

Vehicle Identification Numbers ACL31813.

Engine Number CL4456.


TR7 FOUR-CYLINDER ENGINE—Front Engine Mounting—Right Hand Side.

Vehicle Identification Number ACL31813.

Engine Number CL4456.


TR7 FOUR-CYLINDER ENGINE—Front Engine Mounting—Left Hand Side.

Vehicle Identification Number ACW7001.

Engine Number CL4456.

Engine Number CL20037.
TRIUMPH TR7, TR8

Engine

TR7 FOUR-CYLINDER ENGINE—Engine Restraint Cable and Tie Rod.

TR7 FOUR-CYLINDER ENGINE—Gasket Sets.

TR7 FOUR-CYLINDER ENGINE—Gasket Sets.

TR8 V8 ENGINE—Crankshaft, Flywheel—Fitted to Cars with Manual Gearbox.

① Vehicle Identification Number 202093.
TR8 V8 ENGINE—Crankshaft, Drive Plate—Fitted to Models with Automatic Gearbox.

TR8 V8 ENGINE—Crankshaft Vibration Damper.

TR8 V8 ENGINE—Piston, Connecting Rod and Bearing.

TR8 V8 ENGINE—Sump and Gasket, Oil Screen Housing.

These components are supplied in Engine Sets.
These components are fitted to models with fuel injection.
② Engine Numbers 14E00661 (Fuel injected models with manual gearbox), 15E00006 (Fuel injected models with automatic gearbox).

Engine Numbers 14E00407, 15E00006.
TR8 V8 ENGINE—Rocker Cover, Oil Filler Cap.

TR8 V8 ENGINE—Oil Pump Shaft, Cover, Oil Filter.

TR8 V8 ENGINE—Water Pump, Fan, Fan Belt, Viscous Coupling.


1. These components are fitted to models with fuel injection.

1. Vehicle Identification Number 200001.

2. Fitted to models with fuel injection.

1. These components are not fitted to models equipped with air conditioning.

1. Fitted to models with fuel injection.

THERMOSTATS:
PT. NO. GTS104 180° F.
PT. NO. GTS105 190° F.
TRIUMPH TR8
Engine

TR8 V8 ENGINE—Inlet Manifold and Gasket—Models with Carbureted Engine.

TR8 V8 ENGINE—Inlet Manifold—Models with Fuel Injection.

TR8 V8 ENGINE—Exhaust Manifold.

TR8 V8 ENGINE—Alternator Mounting.

TR8 V8 ENGINE—Water Elbow, Extra Air Valve, Pressure Regulator—Models with Fuel Injection.
TR8 V8 ENGINE—Rear Engine Mounting.

TR7 CLUTCH—Clutch Housing and Release Mechanism.

On early vehicles, FRC5369 and FRC5374 should be fitted as a set.

Gearbox Number CL089142C.

TR7, TR8 CLUTCH—Clutch Pedal and Mounting Bracket.

This component is fitted to TR8 models.
TR7, TR8 CLUTCH—Clutch Slave Cylinder.

- UKC1066
- RTC1115
- GIF382(2)
- SH10835(2)
- UKC8598 (TR8 model)

- GI74566015
- GI74056916

- Fitted through 1977.
- Fitted from 1978 onward.

TR8 CLUTCH—Clutch Cover and Plate.

- GCC2105
- GCP242
- WPH00037(6)
- SH5497(6)

PT. NO. RFK229 THREE-PIECE CLUTCH SET, TR7, INCLUDES DISC, PRESSURE PLATE, AND THROW-OUT
PT. NO. KB53-52 CLUTCH ALIGNMENT TOOL, FOR INSTALLING CLUTCH DISC.
TR7 4 SPEED GEARBOX—Gearbox Assembly.

RTC2400 NEW
RTC2400R REBUILT

TR7 4 SPEED GEARBOX—Gearbox Case, Constant Pinion Shaft.

TR7 4 SPEED GEARBOX—Top Cover, Selector Shafts.

TR7 4 SPEED GEARBOX—Mainshaft, Synchro Hubs, Speedo Driving Gear.

① For replacement use RTC2241 Gear Service Kit.
② Gearbox Number CG36219.
TRIUMPH TR7
4 Speed Gearbox, 5 Speed Gearbox

**TR7 4 SPEED GEARBOX**—Countershaft, Reverse Gear, Operating Lever.

**TR7 4 SPEED GEARBOX**—Rear Extension, Speedo Pinion, Reverse Lift Plate.

**TR7 4 SPEED GEARBOX**—Gearchange Lever.

**TR7, TR8 5 SPEED GEARBOX**—Gearbox Unit.

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1. For replacement use RTC2241 Gear Service Kit.
2. Gearbox Number CG36219.
3. Gearbox Number CG443.
4. Gearbox Number CG52530.

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For TR7 Models:
- ULC817 N New
- ULC817 R Rebuilt

For TR8 Models:
- ULC9278 N New
- ULC9278 R Rebuilt
TR7, TR8 5 SPEED GEARBOX—Gearbox Unit.

Fitted to TR8 models up to vehicle identification number 402001:
RTC259R NEW
RTC259R REBUILT

Fitted to TR8 models from vehicle identification number 402001 onward:
RTC2670N NEW
RTC2670R REBUILT

Fitted to TR7 models up to vehicle identification number 402027:
RTC2590N NEW
RTC2590R REBUILT

Fitted to TR7 models from vehicle identification number 402027 onward:
RTC2709N NEW
RTC2709R REBUILT

TR7, TR8 5 SPEED GEARBOX—Gearcase and Centre Plate, Breather Cap.

TR7, TR8 5 SPEED GEARBOX—Extension Case and Pump, Speedo Driven Gear.

TR7, TR8 5 SPEED GEARBOX—Front Cover, Mainshaft, Constant Pinion Shaft—Fitted up to Gearbox number CL22476C.

Vehicle Identification Numbers 202093 (Fuel Injection), 202680 (Carburetted).

Vehicle Identification Number 402027.
TR7, TR8 AUTOMATIC GEARBOX—Torque Converter and Housing, Stoneguards.

1. Type 65 unit (Gearbox Numbers 027M Carb., 063J Fuel Inj.).
2. Type 66 unit (Gearbox Numbers 076N Carb., 077K Fuel Inj.).
3. Vehicle Identification Number 402027.

TR7, TR8 AUTOMATIC GEARBOX—Oil Pan, Parking Details.

1. Gearbox Number 027M6915.

TR7, TR8 AUTOMATIC GEARBOX—Front Servo and Brake Band.
TRIUMPH TR7, TR8
Automatic Gearbox

TR7, TR8 AUTOMATIC GEARBOX—Driven Shaft, Governor, Speedo Driving Gear.

TR7, TR8 AUTOMATIC GEARBOX—Upper Valve Body, Oil Strainer, Cam.

TR7, TR8 AUTOMATIC GEARBOX—Lower Valve Body, Rear Servo Tubes.

TR7, TR8 AUTOMATIC GEARBOX—Rear Housing, Oil Seal, Speedo Driven Gear.

① Type 65 unit.
② Type 66 unit.
③ Vehicle Identification Number 402027.

① Used as an alternative to RTC99.
① Vehicle Identification Number TCW100049.
② Vehicle Identification Number 202093.
③ Vehicle Identification Number 402027.
**TRIUMPH TR7, TR8**

**Automatic Gearbox**

**TR7, TR8 AUTOMATIC GEARBOX—Repair Kits.**

- **TR7: GAB208**
- **TR8: GAB207**

<table>
<thead>
<tr>
<th>Type 65 unit.</th>
<th>Type 66 unit</th>
<th>Vehicle Identification Number 402027.</th>
</tr>
</thead>
</table>

**TR7 AUTOMATIC GEARBOX—Oil Cooler and Supply Pipes.**

- **UKC4057**
- **UKC4058**
- **RKCI909**

**TR8 AUTOMATIC GEARBOX—Oil Cooler and Supply Pipes.**

- **UKC8572(3)**
- **UKC8590(3)**
- **THF331(3)**

| Vehicle Identification Number 201308. |
TRIUMPH TR7, TR8
Automatic Gearbox, Propellor Shaft

TR7 GEARBOX—Gearbox Mounting.

TR8 AUTOMATIC GEARBOX—Gearbox Unit, Dipstick.

TR7 PROPELLOR SHAFT—Fitted from 1979 Onward.

TR7 PROPELLOR SHAFT—Fitted to 4 Speed Gearbox and TR7 Automatic Gearbox—Through 1978.

1. Vehicle Identification Number 402027.
2. These components fitted to models with 4 speed manual gearbox.
3. These components fitted to models with automatic gearbox.
4. Vehicle Identification Number ACW7001.
TR7, TR8 PROPELLOR SHAFT—Fitted to 5 Speed Gearbox and TR8 Automatic Gearbox.

TR7, TR8 FRONT SUSPENSION—Crossmember.

Part No.
RFK552
RFK554
RFK555
TRFC1D68
TRFC1D71
TRFC1D70
RFK553
BH112281
BH112401
UKC312
UKC309
UKC308
UKC5670
UKC7925
159212
159798
NY122041

Description
COMPLETE MOUNTING KIT, front sub-frame to uni-body, with stock grade rubber mountings
COMPLETE MOUNTING KIT, front sub-frame to uni-body, with uprated rubber mountings
MOUNTING KIT, stock-grade mountings
MOUNTING KIT, uprated mountings
Mounting, rubber, upper (4 req.)
Mounting, rubber, upper (4 req.)
Mounting, rubber, upper, front (2 req.)
Bolt, rear mounting (2 req.)
Bolt, front mounting (2 req.)
Washer, spacing, under heads of bolts (4 req.)
Distance Piece, upper, front mounts (2 req.)
Distance Piece, upper, rear mounts (2 req.)
Washer, intermediate, TR7 models (4 req.)
Washer, intermediate, TR8 models (4 req.)
Distance Piece, lower, front mounts (2 req.)
Washer, lower, front mounts (2 req.)
Cap Washer, lower, rear mounts (2 req.)
Nut, nylon, securing all of the above (4 req.)

© Vehicle Identification Number TCN150045.

TR7, TR8 FRONT SUSPENSION—Upgraded Suspension Bushings

The Roadster Factory supplies its own sub-frame mountings for the TR7, since original components have been discontinued by Rover Group (formerly British Leyland). In fact, we supply two grades of mounts, a stock grade and an uprated grade. The uprated grade will make everything a little more rigid, not to say rock hard, as our aim in offering uprated bushes is not to make your car into an uncomfortable racing car. Our uprated bushes are designed merely to make the handling of the car a little tighter for better control on the road.

Part No.
RFK552
RFK554
RFK555
TRFC1D68
TRFC1D71
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RFK553
BH112281
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Distance Piece, upper, rear mounts (2 req.)
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Washer, intermediate, TR8 models (4 req.)
Distance Piece, lower, front mounts (2 req.)
Washer, lower, front mounts (2 req.)
Cap Washer, lower, rear mounts (2 req.)
Nut, nylon, securing all of the above (4 req.)

Engine Numbers CG431, CL20327.
These components are fitted to the TR8 models.

© Vehicle Identification Number TCN150045.

TR7, TR8 FRONT SUSPENSION—Crossmember.

Part No.
RFK552
RFK554
RFK555
TRFC1D68
TRFC1D71
TRFC1D70
RFK553
BH112281
BH112401
UKC312
UKC309
UKC308
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Washer, spacing, under heads of bolts (4 req.)
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Distance Piece, upper, rear mounts (2 req.)
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Washer, intermediate, TR8 models (4 req.)
Distance Piece, lower, front mounts (2 req.)
Washer, lower, front mounts (2 req.)
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Nut, nylon, securing all of the above (4 req.)

© Vehicle Identification Number TCN150045.

TR7, TR8 FRONT SUSPENSION—Upgraded Suspension Bushings

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RFK555
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TRFC1D71
TRFC1D70
RFK553
BH112281
BH112401
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Mounting, rubber, upper, front (2 req.)
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Washer, spacing, under heads of bolts (4 req.)
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Distance Piece, upper, rear mounts (2 req.)
Washer, intermediate, TR7 models (4 req.)
Washer, intermediate, TR8 models (4 req.)
Distance Piece, lower, front mounts (2 req.)
Washer, lower, front mounts (2 req.)
Cap Washer, lower, rear mounts (2 req.)
Nut, nylon, securing all of the above (4 req.)

© Vehicle Identification Number TCN150045.

TR7, TR8 FRONT SUSPENSION—Upgraded Suspension Bushings

The Roadster Factory supplies its own sub-frame mountings for the TR7, since original components have been discontinued by Rover Group (formerly British Leyland). In fact, we supply two grades of mounts, a stock grade and an uprated grade. The uprated grade will make everything a little more rigid, not to say rock hard, as our aim in offering uprated bushes is not to make your car into an uncomfortable racing car. Our uprated bushes are designed merely to make the handling of the car a little tighter for better control on the road.

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RFK552
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Washer, lower, front mounts (2 req.)
Cap Washer, lower, rear mounts (2 req.)
Nut, nylon, securing all of the above (4 req.)

© Vehicle Identification Number TCN150045.

TR7, TR8 SUSPENSION—Road Wheels, Balance Weights, Wheeltrim—1979 Onward.

BLM05500 CHROME WHEEL TRIMS FOR USE WITH THE ROAD WHEELS ILLUSTRATED ABOVE.

JRT1105505 DELUXE HUBCAPS, SIMILAR IN DESIGN TO THOSE ILLUSTRATED ABOVE, BUT WITH CHROME RIM AND GREY CENTRE.

Vehicle Identification Number ACW7001.

Vehicle Identification Number 402001

PART NO. DESCRIPTION
RFK261 Alloy Wheel Set, includes four wheels, four center caps, and sixteen wheel nuts
RFK262 Alloy Wheel Set, includes five wheels, four center caps, and sixteen wheel nuts.

PART NO. DESCRIPTION
UK30071(4) Factory Optional Cast Alloy.
TRIUMPH TR7, TR8
Front Suspension

TR7, TR8 FRONT SUSPENSION—Factory Anti-Roll Bar.

SEE PAGE 30 FOR A QUICK REFERENCE LISTING OF ANTI-ROLL BAR COMPONENTS, MOUNTINGS INCLUDING UPRATED MOUNTS AND BUSHES, AND HARDWARE KITS, AS WELL AS ADDCO AFTERMARKET ANTI-ROLL BARS FOR FRONT AND REAR.

TR7 FRONT SUSPENSION—Stub Axle, Front Hub, Lower Link, Disc Shield—1979 Onward.

GHK1004 Hub Bearing and Seal Kit (does one hub).

STR507 UPRATED FRONT CONTROL ARM BUSH, 2 REQUIRED (REPLACES CRC307).

STR507 UPRATED FRONT CONTROL ARM BUSH, 2 REQUIRED (REPLACES CRC307).

PT. NO. RFK564 SPRING PACKING KIT—INCLUDES EIGHT RUBBER PACKINGS FOR FRONT AND REAR ROAD SPRINGS; REPLACE EVERYTIME SUSPENSION IS DISASSEMBLED!

1. Vehicle Identification Number ACL13334.
2. Vehicle Identification Number ACW7001.

Vehicle Identification Number ACW7001.

Vehicle Identification Number ACG25001.

Vehicle Identification Number ACL13334.

Vehicle Identification Number ACG25001, ACW30001.
TR7 REAR AXLE—Casing, Axles Shafts—Fitted to 4 Speed Manual and TR7 Automatic Gearbox.

Vehicle Identification Number ACL338.

Vehicle Identification Number ACW7001.

TR7 REAR AXLE—Rear Axle Unit—Fitted to 4 Speed Manual and TR7 Automatic Gearbox.

Axle Numbers CG51494 (manual), CT2054 (automatic).

TR7 REAR AXLE—Differential Details—up to Axle Numbers CG51494 (Manual) and CT2054 (Automatic).

1. Vehicle Identification Number ACW7001.
2. Axle Numbers CG51494 (manual), CT2054 (automatic).
TRIUMPH TR7, TR8
Rear Axle

TR7 REAR AXLE—Differential Details—From Axle Numbers
CG51494 (Manual) and CT2054 (Automatic) Onward.

UKC4788 (0.69mm)~
UKC4789 (8.74mm)~
UKC4790 (0.79mm)~
UKC4792 (0.99mm)~
UKC4793 (1.04mm)~
UKC4794 (1.08mm)~
UKC4795 (1.13mm)~
UKC4796 (1.18mm)~
UKC4797 (1.23mm)~
UKC4798 (1.28mm)~
UKC4799 (1.33mm)~
UKC4800 (1.38mm)~

TR7 REAR AXLE—Axle Centre Assembly—3.27:1 Non Collapsible Spacer—1979 Onward.

TR7 REAR AXLE—Rear Axle Assembly—Fitted to All Models with Manual Gearbox, and Automatic Gearbox Models from Vehicle Identification Number 402027 Onward.

TR7, TR8 REAR AXLE—Rear Axle Assembly—Fitted to 5 Speed and TR8 Automatic Gearbox.

Vehicle Identification Number ACW7001.

1. Axle Number CL1 (USA Federal model, 1980).

COLOUR IDENTIFICATION CODE:
Red—3.90:1 Ratio (serial number CH).
Yellow—3.45:1 Ratio (serial number CL).
Green/White—3.06:1 Ratio (serial number CM).
TRIUMPH TR7, TR8 Rear Axle, Rear Suspension

TR7, TR8 Rear Axle—Axle Shaft, Filler Plug, Oil Seals—Fitted to 5 Speed Manual Gearbox, and Automatic Gearbox from Vehicle Identification Number 402001 Onward.

TR7, TR8 Rear Axle—Crown Wheel and Pinion, Differential Gears.

TR7, TR8 Rear Suspension—Upper and Lower Links—Through 1978.

Also Available:
PT. NO. RFK560 RUBBER BUSH KIT—Includes Four Trailing Arm Bushes and Four Upper Link Bushes, Stock Grade.
PT. NO. RFK561 RUBBER BUSH KIT—Same as Previous Listing, Upgraded Bushes.
PT. NO. RFK563 HARDWARE KIT, Includes All Basic Hardware Shown Above.

TR7, TR8 Rear Suspension—Upper and Lower Links—1979 Onward.

Also Available:
PT. NO. RFK560 RUBBER BUSH KIT—Includes Four Trailing Arm Bushes and Four Upper Link Bushes, Stock Grade.
PT. NO. RFK561 RUBBER BUSH KIT—Same as Previous Listing, Upgraded Bushes.
PT. NO. RFK563 HARDWARE KIT, Includes All Basic Hardware Shown Above.

1. Fitted to models with 4 speed manual and automatic gearbox.
2. Fitted to models with 5 speed gearbox.
3. Vehicle Identification Number ACC35.

1. Vehicle Identification Number ACG35.
2. Axle Number CL1 (Federal Model, 1980)
3. Vehicle Identification Number 402001
4. Vehicle Identification Number 404027 (Auto.)
TRIUMPH TR7, TR8
Rear Suspension, Steering

TR7, TR8 REAR SUSPENSION—Shock Absorbers and Springs.

Also available:
PT. NO. TRFCDT1 REAR SPRING, UPRATED.
PT. NO. TRFK607 HIGH PERFORMANCE SPRING SET—INCLUDES TWO FRONT AND TWO REAR ROAD SPRINGS, UPRATED.
PT. NO. TRFK662 SPRING PACKING SET—INCLUDES FOUR RUBBER PACKINGS FOR REAR SPRINGS. REPLACE WHENEVER SUSPENSION IS DISASSEMBLED.
PT. NO. TRFK64 SPRING PACKING SET—INCLUDES EIGHT RUBBER PACKINGS FOR FRONT AND REAR ROAD SPRINGS.

(1) Vehicle Identification Number ACW7001.

TR7, TR8 STEERING—Universal Joint, Lower Shaft.

Vehicle Identification Number 201142.

(3) Limited Edition (USA only).
(4) Vehicle Identification Number 402001.

TR7, TR8 STEERING—Steering Wheel.

(1) Use RKC2110 for TR8 models.

Through 1978 (See three wheels in larger box):
(1) Limited Edition (USA only).
(2) Vehicle Identification Number 402001.

1979 Onward (See inset):
(1) Trim Body Number 18601CG.
(2) Use RKC2110 for TR8 models.
TR7, TR8 STEERING—Upper Column, Outer Tube, Upper Bearing.

From Vehicle Identification Number 200001, part number RKC552 is common to both right-hand and left-hand steering.


Vehicle Identification Numbers ACG22704, ACW16862.
Rack Boots are available singly (EAW2255) or in pairs (BAX2189).

TR7 STEERING—Rack and Pinion Steering Assembly—1979 Onward.

Vehicle Identification Number TCT113796.

TR7, TR8 STEERING—Steering Column Nacelles, Support Rail.

From Vehicle Identification Number 200001 onward, Part Numbers XKC593 and XKC594 are common to both right-hand and left-hand drive models.

Vehicle Identification Number 201142.
Vehicle Identification Number 402001.
Vehicle Identification Number 402329.

1 These components are included in BAX2189 Gaiter Kit.
2 Vehicle Identification Number TCT113796.
TRIUMPH TR8
Steering

TR8 STEERING—Power Assisted Steering Rack Assembly.

TR8 STEERING—Power Assisted Steering Bellows, Ball Joints.

TR8 STEERING—Power Assisted Steering Valve Assembly, Seal Kits.

TR8 STEERING—Power Assisted Steering Pipes.
TRIUMPH TR7, TR8

Brakes

TR7, TR8 BRAKES—Brake Pedal, Mounting Bracket.

TR7, TR8 BRAKES—Brake Master Cylinder.

TR7, TR8 BRAKES—Brake Servo.

1. Supplied in 72-inch lengths.
2. These components are fitted to TR8 models.
3. These components are not fitted to TR8 models.

These components are fitted to TR8 models.
TR7, TR8 BRAKES—Front Disc Brake and Caliper.

- TR7: TKC78002
- TR8: TKC38572

PT. NO. 7H7963 BRAKE PAD RETAINING CLIP (2 REQUIRED)
PT. NO. P060241 BRAKE PAD RETAINING PIN (4 REQUIRED)

TR7, TR8 BRAKES—Rear Brake—8" x 1 1/8"—Fitted to all Models with 4 Speed Manual Gearbox, and Automatic Gearbox up to Vehicle Identification Number 402000.

- TR7: TRC1459(2) TRC13524
- TR8: TRC13526


- TR7: TRC1466(2) TRC13526
- TR8: TRC1459(2) TRC13524

TR7, TR8 BRAKES—Brake Service Kits.

- TR7: 8G8668(2)
- TR8: 8G8641(2)

TR7, TR8 THROUGH 1979: GBP233
1980-81 TR8: GBP245

TR7: 8G8797(2) 8 IN. X 1 3/8 IN.
2RH703542(2) 9 IN. X 1 3/8 IN.

- TR8: 2AAU8994 9 IN. X 1 3/8 IN.

With adjusters.
Without adjusters.
These components are fitted to TR8 models.
Use AAW4655(2) from 1979 onward.

① Fitted to models with 4 speed manual gearbox, and automatic gearbox up to Vehicle Identification Number 402000.
② Fitted to models with 5 speed manual gearbox, and automatic gearbox from Vehicle Identification Number 402001 onward.
TR7, TR8 BRAKES—Front Hydraulic Pipes, Hoses.

Vehicle Identification Number ACL4453.
Vehicle Identification Number ACL13529.
Vehicle Identification Numbers ACL34217, ACW5492, ACG11316.

These components are fitted to TR8 models.


Vehicle Identification Number ACL4453.
Vehicle Identification Number ACL13529.
Vehicle Identification Numbers ACL34217, ACW5492, ACG11316.
Fitted to models with 4 speed manual and automatic gearbox.
Fitted to models with 5 speed manual gearbox.
Fitted to TR8 models.


Fitted to all models with automatic gearbox up to Vehicle Identification Number 402000.
Fitted to all models with manual gearbox, and automatic gearbox from Vehicle Identification Number 402001 onward.

TR8 Handbrake Heatshield: use WKC3664 up to Vehicle Identification Number 201308, and WKC4018 after that.
TRIUMPH TR7
Brakes, Fuel System

TR7, TR8 BRAKES—Handbrake Cables—Through 1978.

1. Fitted to models with 4 speed manual and automatic gearbox.
2. Fitted to models with 5 speed manual gearbox.
3. Vehicle Identification Number ACW7001.

TR7 FUEL SYSTEM—Air Cleaner—Through 1978.

1. Engine Number CL28290.
2. Engine Number CV10.

TR7, TR8 BRAKES—Handbrake Cables—1979 Onward.

1. Fitted to models with automatic gearbox up to Vehicle Identification Number 402000.
2. Fitted to models with manual gearbox, and automatic gearbox after Vehicle Identification Number 402001.

TR7 FUEL SYSTEM—Air Cleaner—Carburetted Engine—1979 Onward.

1. Vehicle Identification Numbers TCT115410 USA, TCG115533 Canada.


Part No. | Description |
--- | --- |
MCC101 | Manual Choke Conversion Kit, TR7 models with single Stromberg carburettor |
MCC103 | Manual Choke Conversion Kit, TR7 models, 1977 on, with dual Stromberg carburettors |
DGEZ401 | Grose-Jet, TR7, TR6; replaces needle valve to eliminate fuel flooding problems |


Also available:
PT. NO. SLP07 THERMOSTAT, WAX TYPE, OPERATING AUTOMATIC CHOKE ON STROMBERG CARBURETTOR

Vehicle Identification Numbers ACL20704UC (models with air conditioning), ACL22079UC (models with heater only).


See the Plate at right for carburettor gasket kits.

---

TR7 FUEL SYSTEM—Stromberg Twin Carburettors—Fitted from Engine Number CV10 (1977) Onward to Vehicle Identification Number 401629.

TR7 FUEL SYSTEM—Front Carburettor Details—From USA 1977 Engine Number CV10 up to Vehicle Identification Number 401629.

TR7 FUEL SYSTEM—Rear Carburettor Details—From USA 1977 Engine Number CV10 up to Vehicle Identification Number 401629.

TR7 FUEL SYSTEM—Pedal, Linkage and Cable—USA Federal Models with Twin Carburettors—up to 1977.

1 Fitted to USA Federal model 1979 up to Vehicle Identification Numbers TCT110000/TCW110000.
2 Fitted to USA California models, and USA Federal Models (1980) from Vehicle Identification Numbers TCT110001/TCW110001 onward.

1 Fitted to USA Federal models up to Vehicle Identification Numbers TCT110000/TCW110000.
2 Fitted to USA California models, and to USA Federal models from Vehicle Identification Numbers TCT110001/TCW110001 onward.

1 Vehicle Identification Numbers ACL20409UC (models with air conditioning), ACL21667UC (Models with heater only).
TRIUMPH TR7, TR8
Fuel System

TR7 FUEL SYSTEM—Pedal, Linkage and Cable—USA California Models with Single Carburettors—up to 1977.

Vehicle Identification Numbers ACL20704UC (models with air conditioning), ACL22079UC (models with heater only).

TR7 FUEL SYSTEM—Pedal, Linkage and Cable—USA 1977 Engine Number CV10 Onward.

Vehicle Identification Number 401629.

TR8 FUEL SYSTEM—Pedal, Linkage and Cable.

Vehicle Identification Number 401629.
TR7 FUEL SYSTEM—Throttle Linkage for Twin Stromberg Carburettors—USA Models from 1979 Onward up to Vehicle Identification Number 401629.

1. Fitted to models with air conditioning.

TR8 FUEL SYSTEM—Carburettor Mounting.

TR7 FUEL SYSTEM—Choke Cable—Models with Carburated Engine.

TR8 FUEL SYSTEM—Carburettor Breakdown Details.
TRIUMPH TR7, TR8

Fuel System

TR8 FUEL SYSTEM—Carburettor Service Kits.

- RTC1481
- AU7219
- BM1075
- RTC1817
- AU7222


<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>MCC102</td>
<td>Manual Choke Conversion Kit, all TR8 carb models</td>
</tr>
<tr>
<td>DGEZ401</td>
<td>Grose-Jet Valve, TR7, TR8, replaces float chamber needle valve to eliminate fuel flooding problem</td>
</tr>
</tbody>
</table>

TR8 FUEL SYSTEM—Throttle Linkage.

TR8 FUEL SYSTEM—Throttle Linkage.


Fuel Pump TKC3419 is no longer available. Part number 312167 may be used in its place if fitted without the spacer.
TR7 FUEL SYSTEM—Fuel Pipes—Models Fitted with Twin Carburettors.

1977 Onward.

Vehicle Identification Number ACW1.
Engine Number CV10 (1977).


Engine Number CL41076 (Canada).
Vehicle Identification Numbers TCG111076, TCT102716.

TR7 FUEL SYSTEM—Fuel Tank, Gauge Unit—Carburetted Engine.

Vehicle Identification Number ACW1.
Vehicle Identification Numbers ACG25001, ACW30001.
Fitted from 1979 onward.

TR7, TR8 FUEL SYSTEM—Fuel Filler Neck, Hose, Filler Cap.

Vehicle Identification Numbers ACL10105 (California), ACL10001 (Federal).
Vehicle Identification Numbers ACG25001, ACW30001.
Fitted from 1979 onwards.
TRIUMPH TR7
Fuel System

TR7 FUEL SYSTEM—Evaporative Loss System.

TR7 FUEL SYSTEM—Auxiliary Air Valve, Intake Elbow and Ducting—Models with Fuel Injection.

TR7 FUEL SYSTEM—Air Cleaner—Models with Fuel Injection.

TR7 FUEL SYSTEM—Air Box, Cold Start Injector, Adaptors—Models with Fuel Injection.

Vehicle Identification Number 402027 (models with heater only).

Vehicle Identification Number 401630.

Vehicle Identification Number 402027.

Alternative part numbers.

These components are part of Air Cleaner Assembly PKC1230.

These components may be used alternatively in sets.
**TR7 FUEL SYSTEM** — Fuel Injection — Fuel Feed Pipes — Tank to Fuel Rail.

Vehicle Identification Number 404967.

![TR7 Fuel System Diagram](image1)

**TR7 FUEL SYSTEM** — Fuel Injection — Fuel Pump, Filter.

Vehicle Identification Number 404967.

![TR7 Fuel System Diagram](image2)

**TR7 FUEL SYSTEM** — Fuel Injection — Fuel Tank, Guage Unit.

Vehicle Identification Number 404967.

![TR7 Fuel System Diagram](image3)

**TR8 FUEL SYSTEM** — Fuel Pump.

Vehicle Identification Number 404879.

![TR8 Fuel System Diagram](image4)
TR8 FUEL SYSTEM—Carburetted Models—Fuel Pipes.

159930(5) ZKC923(6) UKC3795(4)

159432 600356 UKC3776(2)

159930(5) ZKC923(6) UKC3795(4)

TR8 FUEL SYSTEM—Evaporative Loss Components.

624155(3) ZKC9242(2) 509302(2) ZKC923(4)

59430(1) 149415 ZKC922(2) UKC3795

NH1066442(2) WLJ960802(2) SH064442(2)

UKC28525 UKC0635 UKC0636

TR8 FUEL SYSTEM—Carburetted Models—Fuel Tank, Support Straps, Tank Unit Sealing Washers.

TKC3415 TKC6256

140615 RKC3523 UKC1469(2)

UKC255(2) UKC146B(4)

TKC3415 TKC6256

TR8 FUEL SYSTEM—Carburetted Models—Fuel Feed Pipe, Filter.

75494 313434

613805 534790 605131

614555 608168 534790

614555 613805

© Vehicle Identification Number 404879.
TR8 FUEL SYSTEM—Fuel Injection—Fuel Tank, Pump and Tank Unit.

TR8 FUEL SYSTEM—Fuel Injection—Air Cleaner.

TR8 FUEL SYSTEM—Fuel Injection—Air Flow Meter.

TR8 FUEL SYSTEM—Fuel Injection—Plenum Chamber.

Vehicle Identification Number 404879.

These part numbers may be used alternatively.

These components are part of Air Cleaner Assembly PKC307.

55

- Fitted to models with 4 speed gearbox.
- Fitted to models with 5 speed gearbox.
- Vehicle Identification Number ACW2036U.
- Gearbox Number CG52530.


TR7 EXHAUST SYSTEM—Front Exhaust Pipe, Catalyst Unit—USA California Models—up to 1977.


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**TRIUMPH TR7 Exhaust System**


1. These components are fitted to models with four speed gearbox.
2. These components are fitted to models with five speed gearbox.
3. These components are fitted to models with automatic gearbox.
4. Gearbox Number 52530.

TR7 EXHAUST SYSTEM—Exhaust Pipe, Catalyst to Muffler—USA California Models—up to 1977.

1. Vehicle Identification Number ACL6622UC.

TR7 EXHAUST SYSTEM—Exhaust Pipe—USA Federal Models—1977—Fitted From Vehicle Identification Number ACW7001 Onward.


1. Gearbox Number 52530.
TRIUMPH TR7 Exhaust System

TR7 EXHAUST SYSTEM—Front Exhaust Pipe—1979 Only—Fitted up to Vehicle Identification Number 202092.

- GHF253
- GHF352
- GEF215 (A/C)
- GHF301
- GHF302
- SHI08201
- GHF382
- ML110001 (3)
- U5C2499

1. Fitted to USA Federal models.
2. Fitted to USA California models.

NOTE: From Commission Numbers TCW110001, TCT110001 up to Vehicle Identification Number 202092, all USA Federal models with manual gearbox were fitted with the California exhaust system.

TR7 EXHAUST SYSTEM—Front Exhaust Pipe—Canada.

- U5C2499
- GHF301
- SHI08201
- GHF382
- ML110001 (3)
- U5C2498


TR7 EXHAUST SYSTEM—Exhaust Pipe—1979 Only—Fitted up to Vehicle Identification Number 202092.

- U5C2499 (Manual - Fed)
- U5C6489 (Manual - Calif/Japan)
- U5C2770 (Calif)
- GEX717 (Calif)
- U5C2497 (Fed)
- GEF215 (A/C)
- U5C2499 (Fed)
- GHF301
- MH10101 (3)
- U5C4272

1. NOTE: From Commission Numbers TCW110001, TCT110001 up to Vehicle Identification Number 202092, all USA Federal models with manual gearbox were fitted with the California exhaust system.

TR7 EXHAUST SYSTEM—Exhaust Pipe—1980—Fitted From Vehicle Identification Number 202093 Onward.

- U5C2499 (P/N)
- GHF382
- MH10101
- U5C4267
- U5C7150
- BD542/864
- U5C4270

1. Vehicle Identification Number 402001.
TRIUMPH TR7, TR8

Exhaust System

TR7 EXHAUST SYSTEM—Muffler.

TR7 EXHAUST SYSTEM—Front Exhaust Shields—1980—Fitted From Vehicle Identification Number 202093 Onward.

Vehicle Identification Number ACW7001.

NOTE: All USA models used the California model muffler number RKC2037 from 1979 onward. Canadian models used the USA Federal model muffler number GEX3550.

TR7 EXHAUST SYSTEM—Tail Pipe.

Vehicle Identification Number ACG13001.

Models with fuel injection were fitted with part number RKC4717 in place of YKC957.

TR8 EXHAUST SYSTEM—Front Pipes—USA Federal Models.
TR8 Exhaust System


TR8 Exhaust System—Front Pipes—USA California Models.

TR8 Exhaust System—Mufflers.

TRIUMPH TR8 Exhaust System
TRIUMPH TR7 Emissions

TR8 EXHAUST SYSTEM—Tailpipes,


**TR7 EMISSIONS—Engine Breathing—USA California Models—1977—Fitted From Engine Number CV10 Onward.**

**TR7 EMISSIONS—Canister Purge System—USA Federal Models 1974-1976, Canadian Models.**

---

**TR7 EMISSIONS—Canister Purge System—USA California Models—1974-1976.**

**TR7 EMISSIONS—Canister Purge System—1977—Engine Number CV10 Onward.**
TR7 EMISSIONS—Carburetted Engine—Breather Rail, Carburettor Vent Pipe—Fitted From 1979 Onward up to Vehicle Identification Number 401629.

1. Engine Number CV24966.
2. Engine Number CV30570.


1. Engine Number CL41076.
2. Engine Number CL41647.

TR7 EMISSIONS—Fuel Injection—Breather Rail, Condensate Breather.

TR7 EMISSIONS—Carburetted Engine—Engine Breathing—USA Federal Models—1979—Fitted up to Vehicle Identification Numbers TCT110000, TCW110000.
TR7 EMISSIONS—Carburetted Engine—Engine Breathing—USA


TR7 EMISSIONS—Single Charcoal Canister—Canadian Models.


(1) Vehicle Identification Numbers TCT112751, TCW112779.

(2) Fitted to USA Federal models with manual gearbox.

(3) Fitted to all USA models except Federal models with manual gearbox.

(4) Vehicle Identification Number 401629.

(5) Vehicle Identification Number 200485.
TRIUMPH TR7, TR8
Emissions

TR7 EMISSIONS—Twin Charcoal Canisters—Fitted From 1979 up to Vehicle Identification Numbers TCT110001, TCW110000.


TR8 EMISSIONS—Air Intake, Manifold Shield.

NOTE:
Related Emissions Components appear in other sections of this catalogue. Air Pumps and Air Manifolds are illustrated in the Engine section, and some Evaporative Loss components are presented in the Fuel System section.
TR8 EMISSIONS—Charcoal Canisters—Fitted up to Vehicle Identification Number 201308.

TR8 EMISSIONS—Charcoal Canisters—Fitted From Vehicle Identification Number 201308 Onward.

TR8 EMISSIONS—Carburetted Engine—E.G.R. Valve, Pipe and Adaptor.

TR8 EMISSIONS—Fuel Injection—E.G.R. Valve.
TRIUMPH TR7, TR8
Cooling System


TR7 COOLING SYSTEM—Radiator, Hoses—Fitted to 1979 Models up to Vehicle Identification Number 200000.

TR7 COOLING SYSTEM—Radiator, Hoses—Fitted to 1980 Models From Vehicle Identification Number 200001 Onward.

TR7 COOLING SYSTEM—Overflow Bottle.

© Fitted to USA, Canadian models with Stromberg carburetors.
TRIUMPH TR8
Cooling System

TR8 COOLING SYSTEM—Carburetted Engine—Overflow Bottle.

TR8 COOLING SYSTEM—Fuel Injection—Overflow Bottle.


TR8 COOLING SYSTEM—Fuel Injection—Manifold Water Pipe, Heater Hoses.

① Fitted to models with heater only.
② Fitted to models with air conditioning.
③ Vehicle Identification Number 200001.

① Fitted to models with carburetted engine.
② Fitted to models with fuel injection.
③ Vehicle Identification Number 200001.
TRIUMPH TR7, TR8
Cooling System, Air Conditioning

TR8 AIR CONDITIONING—Compressor, Mounting, Belt.

TR7 AIR CONDITIONING—Condenser, Fan Motor, Fan.

TR7 AIR CONDITIONING—Receiver Dryer, Hoses.

TR7 AIR CONDITIONING—Receiver Dryer, Hoses.

Vehicle Identification Number 200001.
TRIUMPH TR7, TR8
Air Conditioning

TR7 AIR CONDITIONING—Compressor Mounting—Fitted up to Vehicle Identification Numbers ACL3681 (USA Federal Models), ACL3937 (USA California Models).

TR7 AIR CONDITIONING—Compressor Mounting—Fitted From Vehicle Identification Numbers ACL3682 (USA Federal Models), ACL3938 (USA California Models) Onward.

NOTES

Vehicle Identification Number ACL825U.

Engine Number CL12862.

Engine Number CV8304UE.

Vehicle Identification Number ACW16663.

1. Vehicle Identification Number ACL825U.
2. Engine Number CL12862.
3. Engine Number CV8304UE.
4. Vehicle Identification Number ACW16663.
TRIUMPH TR7, TR8

Heating

TR7, TR8 HEATING—Heater Unit, Demister Ducts, Hoses, Deflector Moulding.

NOTES

2. These components are fitted to TR8 models.

TR7, TR8 HEATING—Air Conditioning Unit, Demister Ducts, Hoses, Deflector Moulding.

1. Engine Number CV10 (1977)
2. These components are fitted to TR8 models.

TR7 HEATING—Heater and Air Conditioning Units, Demister Ducts, Deflectors—1979 Onward.

1. Fitted to models with air conditioning.
2. Fitted to models with heater only.
TR7, TR8 HEATING—Heater Control Knobs, Map Box and Mounting—Fitted Through 1978.

TR7: AAP25
TR8: AAP28

TR7, TR8 HEATING—Heater and Air Conditioning Unit Support, Control Knobs, Console—Fitted From 1979 Onward.

TR7, TR8 HEATING—Heater Unit Control Lever, Radiator, Motor—Details From Heater Unit AAP273.

TR7, TR8 HEATING—Air Conditioning Unit Radiator, Evaporator—Details From Air Conditioning Unit AAP274.

These components were fitted to models with air conditioning.
These components were fitted to models with heater only.
Vehicle Identification Number 200001.
Vehicle Identification Number 402001.
TR7, TR8 HEATING—Air Conditioning Unit Control Levers, Motor, Valves—Details From Air Conditioning Unit AAP274.

AAP105 L.H. AAP106 R.H.
AAP30 CONTROL VALVE
AAP87 EXPANSION VALVE
AAP28 WATER VALVE
AAU2023

TR7, A94124 TR8: AAP278

TR7 ELECTRICAL—Distributor—USA Models 1974-1976, Canadian Models up to Engine Number CL41646.

NOTE: See important information about “Constant Energy Kit” replacements for original distributors on page 79.

TR7 ELECTRICAL—Distributor—USA Federal Models—Fitted From Engine Number CV10 (1977) up to Engine Number CV30569.

GRA14
RTC315

GDC36

AAU8409

TKC3350

NOTE: See important information about “Constant Energy Kit” replacements for original distributors on page 79.

TR7 ELECTRICAL—Distributor—USA California Models From Engine Number CV10 (1977) up to Vehicle Identification Number 200001 (1979), USA Federal Models 1980 up to Vehicle Identification Number TCT115896.

GRA14
AAU2882

RTC759

AAU8409

TKC3350

AAU638

RTC735

NOTE: See important information about “Constant Energy Kit” replacements for original distributors on page 79.
TR7 ELECTRICAL—Distributor—USA Federal Models From Engine Number CV30570 up to Vehicle Identification Number 402001, USA Fuel Injection Models, Canadian Models From Engine Number CL41647 Onward.

@PKC263
@PKC3773
@PKC4722

① Fitted to USA Federal Carbureted Models from Engine Number CV30570 up to Vehicle Identification Number 402001.
② Fitted to USA Models with Fuel Injection.
③ Fitted to Canadian Models from Engine Number CL41647.

TR7 ELECTRICAL—Coil.

GCR15 EUROPE/EARLY USA

MF10150
UL10060

① Engine Number CL10390.
② Engine Numbers CV30570 (USA), CLA1647 (Canada).
③ Incorporated approximately 1979.
TRIUMPH TR7, TR8

**Electrical**

**TR8 ELECTRICAL—Distributor.**

ALSO AVAILABLE:
- PT. NO. AEU572 PICK-UP ASSEMBLY, FUEL INJECTED CARS
- PT. NO. AAU998 PICK-UP ASSEMBLY, CARBURETTED CARS
- PT. NO. AEU569 ROTOR CAP

**TR8 ELECTRICAL—Spark Plugs, Wires, Coils.**

ALSO AVAILABLE:
- PT. NO. NGKP555 NGK BRAND SPARK PLUG
- PT. NO. AL2390-101 ALLISON HIGH-PERFORMANCE WIRE SET, TR8 CARBURETTED CARS
- PT. NO. AL2390-103 ALLISON HIGH-PERFORMANCE WIRE SET, TR8 FUEL INJECTED CARS
- PT. NO. AL7330-00 ALLISON COIL, 30,000 VOLTS, HIGH OUTPUT CARS
- PT. NO. AL7330-020 ALLISON COIL, 40,000 VOLTS, STREET/TRACK
- PT. NO. AL7330-030 ALLISON COIL, 60,000 VOLTS, TRACK USE

1. Models with heaters require this component.

**TR7 ELECTRICAL—Alternator Mounting.**

**TR7, TR8 ELECTRICAL—17 ACR Alternator—Fitted to Models with Heaters Only.**

1. Engine Number CL4456.
2. Engine Number CL17348.

1. When fitting UKC7881 as an alternative to AEU1238, UKC7582, Washer must also be fitted.
TR7, TR8 ELECTRICAL—20 or 25 ACR Alternator—Fitted to Models with Air Conditioning.

- 20 ACR Alternator.
- 25 ACR Alternator.
- Engine Numbers 30570 (USA), 41647 (Canada).
- Use these part numbers for TR8 models.

TR7, TR8 ELECTRICAL—Starter Motor Mounting.


TR7, TR8 ELECTRICAL—Starter Motor.

- These components are included in 520459 Sealing Kit.
- Use these components for TR8 models.

TR7, TR8 ELECTRICAL—Headlight and Mounting.

TRIUMPH TR7, TR8
Electrical

1. **TR7, TR8 ELECTRICAL—Headlight Assembly.**
   - B-07058
   - GLB53(2)
   - LUS5422542(2)
   - LUS5425919(2)
   - GLB4902(3)
   - 50894
   - TKC3756(2)

2. **TR7, TR8 ELECTRICAL—Headlight Hinge Mechanism.**
   - GHP212(7)
   - N106001(2)
   - K110001(2)
   - N106001(2)
   - ZKC327(2)
   - WBO6044(42)
   - WBO6044(42)
   - ZKC327(2)
   - ZKC327(2)
   - NH106004(42)
   - W10001(2)
   - W10001(2)
   - TKC374(2)
   - TKC374(2)
   - TKC374(2)
   - TKC374(2)
   - TKC374(2)
   - TKC374(2)
   - TKC374(2)
   - TKC374(2)
   - TKC374(2)
   - TKC374(2)

3. **TR7, TR8 ELECTRICAL—Front Sidelamp.**
   - NH105041(4)
   - N105041(4)
   - WL05000(4)
   - WA10500(4)
   - 24G56555
   - GLB2969(2)
   - 55060(2)

4. **TR7, TR8 ELECTRICAL—Front Fog Lamp.**
   - YKC335 R.H. → YKC344 L.H. ← YKC334 L.H.
   - NH10604(4)
   - WL06000(4)
   - SHO6069(4)
   - WA0604(4)
   - WL06000(4)
   - NH10604(4)
   - SHO6069(4)

5. **Vehicle Identification Numbers**
   - ACG25001, ACW30001.
TR7, TR8 ELECTRICAL—Stop/Tail/Flasher/Reverse Lamp.

TR7, TR8 ELECTRICAL—Side Marker, Flasher Lamps.

TR7, TR8 ELECTRICAL—Rear Fog Lamp.

TR7, TR8 ELECTRICAL—Wiper Arms, Blades.
TR7, TR8 ELECTRICAL—Wiper Motor, Gear, Crosshead, Rack.

**TR7, TR8 ELECTRICAL—Screen Washer Bottle.**

- CZD593(2)
- S68028
- GWW202H
- GWW200M
- S60396
- GWW25
- AFU235(2)
- WAU23002(2)
- SDK444(2)
- GWW202H
- ZKC605

**TR7, TR8 ELECTRICAL—Interior, Rear Number Plate, Boot Lamps—Through 1978.**

- UKC8536 MAP LAMP
- 6197(2)
- GLB254(2)
- 632002(2)
- GLB235(2)
- GLB259(2)
- GLB256(2)
- IS6752(2)
- IS6503(2)
- IS6353(2)
- UKC835(2)
- UKC835(2)
- UKC835(2)
- UKC835(2)
- UKC835(2)

**TR7, TR8 ELECTRICAL—Interior, Rear Number Plate, Boot Lamps—1979 Onward.**

- PT. NO. RFK454 NUMBER PLATE LAMP KIT, TR7, TR8, INCLUDES TWO REPLICA NUMBER PLATE LAMPS WITH BULBS, TWO GASKETS, AND MOUNTING HARDWARE KIT.

**ALSO AVAILABLE:**
- Vehicle Identification Numbers ACG25001, ACW30001.
TR7, TR8 ELECTRICAL—Instrument Panel, Speedometer Cable.

- Vehicle Identification Number ACL25626.
- Use these components for TR8 models.

TR7, TR8 ELECTRICAL—Speedometer, Printed Circuit, Gauges and Lens.

- Use these components for TR8 models.

TR7, TR8 ELECTRICAL—Instrument Panel Moulding, Printed Circuit.

- For use with push-button-reset speedometer and clock.
- Fitted to Canadian Models.
- Fitted to USA models.

TR7, TR8 ELECTRICAL—Instrument Panel, Speedometer Cable.

- Fitted to USA models only.
- Push Button Reset Speedometer and Clock:
  - AEU1808 Push Button Speedometer
  - AEU1807 Push Button Clock
- Vehicle Identification Number 402027.
TR7, TR8 ELECTRICAL—Facia Switches, Cigar Lighter, Rheostat Switch—Fitted From Vehicle Identification Numbers ACG25001, ACW300001 Onward.

TR7, TR8 ELECTRICAL—Facia Switches—Coupé Models—1979 Onward.

TR7, TR8 ELECTRICAL—Facia Switches—Convertible Models—1979 Onward.

TR7, TR8 ELECTRICAL—Cigar Lighter, Rheostat Switches.

© Vehicle Identification Number 200001.
© Vehicle Identification Number 402001.
© Fitted to Convertible USA Special Edition.
When ordering electrical components of steering column lock, please quote the Lucas part number marked on your old unit (5 digit number with a letter after it—30981D for example.)

Vehicle Identification Number 402001.
TR7 ELECRICAL—Horn, Pressure Cut-out Switch, Clutch Delay, Horn Relay.

Trimmed Body Number T1695CG.
Trimmed Body Numbers T9601CG (models with air conditioning), T9603CG (models with heater only).
Vehicle Identification Numbers ACG25001, ACW30001.
Vehicle Identification Number ACW11865.

TR7 ELECTRICAL—Air Conditioning Relays, Cover, Cut-out Switch.

TR8 MODELS USE FOUR DRC1820 RELAYS.

TR7, TR8 ELECTRICAL—Horn, Low Coolant Level Indicator, Inertia Switch.

TR7 ELECTRICAL—Horn, Low Coolant Level Indicator, Inertia Switch.

TR8 ELECTRICAL—Horn, Pressure Cut-in Switch, Clutch Delay, Horn Relay.
TR8 ELECTRICAL—Relay Plate, Fuse Box, Hazard Unit.

TKC545 is the part number for the fuse box bracket.

1. Trimmed Body Numbers T9601CG (models with air conditioning), T9603CG (models with heater only).

When ordering relays, quote part numbers marked on your old relays whenever possible.


1. Fitted to models with heater only.
2. Trimmed Body Numbers T9601CG (models with air conditioning), T9603CG (models with heater only).
TRIUMPH TR7, TR8
Electrical

TR7 ELECTRICAL—Wiring Harness—Fitted up to Vehicle Identification Number 200001.

BODY HARNESS
RKC3631 COUPES
RKC3536 CONVERTIBLES

MAIN HARNESS
PKC334
PKC320 A/C

ENGINE HARNESS
TKC3464 CALIF.
TKC3465 CALIF. A/C
RKC3790 CANADA
RKC3579 CANADA A/C
RKC3451 FEDERAL
RKC3664 FEDERAL A/C

GEARBOX HARNESS
UKC5455 MAN.
UKC5378 AUTO.

TR7 ELECTRICAL—Harness Auxiliary Leads.

UKC2427 BACKLIGHT FEED
UKC9350 NUMBER PLATE LAMP

PKC428 FUEL INJECTION HARNESS

UKC3444 (15 AMP)
UKC4447 (20 AMP)

TKC3451 DOOR HARNESS
RKC3467→ RKC4348→ FACIA HARNESS
RKC3754→ RKC4724→ AIR CONDITIONING HARNESS

TR7 ELECTRICAL—Wiring Harness—From Vehicle Identification Number 200001 Onward.

FUSES (AS REQUIRED):
GFS35
GFS20
GFS10
GFS25

BODY HARNESS
RKC3563 CARB.
RKC3755 FUEL INJ.

RKC3926 CANADA
RKC3927 ALL USA

MAIN HARNESS
PKC3207 FED.
PKC3208 FED. AIC
PKC348 CALIF. FUEL INJ.

PKC593 CANADA
PKC5915 USA FUEL INJ.

ENGINE HARNESS
PKC4426 FED.
PKC4422 FED AIC

RKC5514 CANADA
RKC5515 CANADA AIC
RKC5515 USA FUEL INJ.

TR8 ELECTRICAL—Wiring Harness.

BODY HARNESS
RKC3555→ CARB. COUPE
RKC3470→ CARB. COUPE
RKC3536→ CARB. CONVERTIBLE
RKC3564→ CARB. CONVERTIBLE
RKC3567→ FUEL INJ.
RKC3572→ FUEL INJ.

MAIN HARNESS
PKC335 A/C 1000
PKC335 A/C 500
PKC3463 HEATER CARB.
PKC3264 FUEL INJ.
PKC3564 FUEL INJ.
PKC309 FUEL INJ.

UKC2427 BACKLIGHT FEED
UKC9350 NUMBER PLATE LAMP

UKC9942 COMPRESSOR HARNESS

Gearsbox HARNESS
UKC9200

ENGINE HARNESS
UKC8256 CARB.
UKC8265 CARB. A/C
TKC5904 CARB.
TKC5993 A/C
TKC5658 FUEL INJ.

UKC8942 CANADA
UKC8944 CANADA AIC

1 Vehicle Identification Number 200001.
2 Vehicle Identification Number 404879.
3 Vehicle Identification Number 404602.
4 Vehicle Identification Number 402027.

See listing of TR8 Auxiliary Leads in the lower left block on page 92.

① Fitted to models with heater only.
② Vehicle Identification Number 402001.
③ Vehicle Identification Number 404967.
④ Vehicle Identification Number 200001.
TRIUMPH TR7, TR8
Electrical

TR7, TR8 ELECTRICAL—Harness Attachments.

--- Diagram and Parts List ---

TR7 ELECTRICAL—Relays.

LEFT HEADLAMP
DRC5080

SEAT BELT WARNING
AAU710

HAZARD FLASH
GFU204

WHEN ORDERING RELAYS, QUOTE PART NUMBERS MARKED ON YOUR OLD RELAYS WHENEVER POSSIBLE.

TKC5083 COMBINED RELAY (FUEL INJECTED MODELS)

TR8 ELECTRICAL—Auxiliary Leads—Refer to TR8 Wiring Harness Plate on Page 91 for Additional Information and for Footnotes.

UKC247 BACKLITE FEED
UKC3450 NUMBER PLATE LAMP
UKC2428 EXTENDED LEAD, HEATED BACKLITE
UKC3435 BOOT LAMP
UKC2428 BACKLIT EARTH
UKC3481 DOOR HARNESS
TKC3468 FACIA HARNESS—CAR
RKCA444 IGNITION HARNESS A/C—CAR
UKC3444 IGNITION HARNESS HEATER—CAR
TKC5435 RADAR THERMOSTAT CABLE—CAR
TKC4446 IGNITION HARNESS HEATER(1)—CAR
TKC5392 IGNITION HARNESS A/C—CAR
TKC5375 IGNITION HARNESS FUEL INJ. HEATER(1)—CAR
RKCA4597 IGNITION HARNESS FUEL INJ. A/C—CAR
TKC5392 IGNITION HARNESS CANADA HEATER(1)—CAR
RKCA4597 IGNITION HARNESS CANADA A/C—CAR
BRC901 SHEATH, DOOR HARNESS
PKC565 FUEL INJECTION HARNESS

--- Diagram and Parts List ---

TR7 ELECTRICAL—Relay Plate, Fuse Box Bracket—1979 Onward.

--- Diagram and Parts List ---

--- Diagram and Parts List ---

--- Diagram and Parts List ---
TR7, TR8 ELECTRICAL—Electronic Control Unit.

TR7 ELECTRICAL—Battery.

TR8 ELECTRICAL—Battery Box.

① Vehicle Identification Number 402027.

UKC7462 ENGINE EARTH LEAD
UKC3546 CABLE STARTER
TR7, TR8 ELECTRICAL—Radio Aerial, Speakers.

<table>
<thead>
<tr>
<th>Part No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>TRFRP701</td>
<td>WHEEL ARCH ASSEMBLY, inner, L.H., complete</td>
</tr>
<tr>
<td>TRFRP702</td>
<td>WHEEL ARCH ASSEMBLY, inner, R.H., complete (no. 1 in illustration)</td>
</tr>
<tr>
<td>TRFRP719</td>
<td>Wheel Arch Repair Panel, front part, L.H.</td>
</tr>
<tr>
<td>TRFRP720</td>
<td>Wheel Arch Repair Panel, front part, R.H. (no. 2 in illustration)</td>
</tr>
<tr>
<td>TRFRP717</td>
<td>Wheel Arch Repair Panel, rear part, L.H.</td>
</tr>
<tr>
<td>TRFRP718</td>
<td>Wheel Arch Repair Panel, rear part, R.H. (no. 3 in illustration)</td>
</tr>
<tr>
<td>TRFRP713</td>
<td>Fender Repair Panel, wheel opening &quot;eye brow,&quot; L.H. (no. 4 in illustration)</td>
</tr>
<tr>
<td>TRFRP714</td>
<td>Fender Repair Panel, wheel opening &quot;eye brow,&quot; R.H.</td>
</tr>
<tr>
<td>TRFRP711</td>
<td>Fender Repair Panel, lower rear, L.H. (no. 5 in illustration)</td>
</tr>
<tr>
<td>TRFRP712</td>
<td>Fender Repair Panel, lower rear, R.H.</td>
</tr>
<tr>
<td>XKCI12</td>
<td>OUTER ROCKER PANEL, L.H., complete (no. 6 in illustration)</td>
</tr>
<tr>
<td>XKCI13</td>
<td>OUTER ROCKER PANEL, R.H., complete</td>
</tr>
<tr>
<td>TRFRP709</td>
<td>Sill Repair Panel, L.H. (no. 7 in illustration)</td>
</tr>
<tr>
<td>TRFRP710</td>
<td>Sill Repair Panel, R.H.</td>
</tr>
</tbody>
</table>

TR7, TR8 BODY—Body Shell.

COUPE:
WK689, THROUGH 1979
WK5426, 1979 ONWARD

CONVERTIBLE:
WK688

One of TRF's English manufacturing connections has supplied us with a range of rust repair panels for TR7 and TR8. To repair a section, simply cut out the affected area and braze, weld, or hammer-weld in the repair panel or a part of the repair panel as required; smooth the welds; apply filler as necessary; prime; sand; paint. Using rust repair panels, a uni-body car such as the TR7 or TR8 can often be repaired to a very high standard at a modest expense.
TR7, TR8 BODY—Front Wings, Front Lower Panel, Headlamp Box

These components are fitted to TR8 models.
- Vehicle Identification Numbers ACG25001, ACW30001.
- When fitting WKC4267 and WKC4268 fenders, the closing panels shown in the “A” Post section on page 96 must also be fitted.

TR7, TR8 BODY—Bonnet Panel, Hinges, Support Stay

Body Number 7408CG.
- Body Number 23010CG.
- Body Number 58878CG.
- These components are fitted to TR8 models.

TR7, TR8 BODY—Front Wheelarch, Crossmember Longitudinal, Battery Tray—Through 1978

Vehicle Identification Numbers ACG25001, ACW30001.

7

ALSO AVAILABLE:
- TR7 FEDERAL EMISSION LABEL, 1980, BLACK ON ORANGE
- TR7 CANADIAN EMISSION LABEL
- TR8 EMISSION LABEL, 1980

Vehicle Identification Number 202093.
TR7, TR8 BODY—Front Wheelarch, Crossmember Longitudinal, Battery Tray—1979 Onward.

TR7, TR8 BODY—"A" Post, Hinges.

TR7, TR8 BODY—Dash Top Panels, Plenum Panel.

TR7, TR8 BODY—Roof Panels, Cantrail.

These components are fitted to convertible models.

These closing panels must be fitted when replacing front fenders WKC4267 and WKC4268 (see page 95).

Use XKC2904 from 1979 onward.

Use YKC4470 from 1979 onward.
TR7, TR8 BODY—Windshield Panel—Convertible Models.

TR7, TR8 BODY—Door Panels, Hinges, Outer Waist Seal, Door Buffer.

TR7, TR8 BODY—Door Panels, Hinges, Seals—Convertible Models.

1) Trimmed Body Number T862CC.
2) These components are fitted to TR8 models.

Vehicle Identification Number 402001.
TR7, TR8 BODY—Door Glass—Coupe Models.

ALSO AVAILABLE:
PT. NO. BD32364. HANDLE, WINDOW WINDING, CHROMED METAL REPLACEMENT FOR PLASTIC ORIGINAL THAT IS PRONE TO BREAK.

1. Sundym tinted glass.
2. These components used on TR8 models, and all TR7/TR8 models from 1979 onward.
3. From 1979 onward use YKC4200 R.H. and YKC4199 L.H.
4. From 1979 onward use XKC3682 R.H. and XKC3681 L.H.

TR7, TR8 BODY—Door Handle, Disc Latch, R/C Handle, "B" Post striker—Fitted up to Vehicle Identification Number 402001.

1. Trimmed Body Number T3990CG.
2. Trimmed Body Number T25490CG.

TR7, TR8 BODY—Door Glass, Frames—Convertible Models.

TR7, TR8 BODY—Door Handle, Disc Latch, R/C Handle, "B" Post striker—From Vehicle Identification Number 402001 Onward.

1. Trimmed Body Number T3990CG.
2. Trimmed Body Number T25490CG.
TRIUMPH TR7, TR8
Body

TR7, TR8 BODY—Sill Panels, Jack Mounting Bracket, Footrest.

TR7, TR8 BODY—Rear Quarter Panels, Rear Wheelarch, Tonneau Panels—Coupe Models.

Vehicle Identification Numbers: ACG25001, ACW30001.
From 1979 onward, use XKC3024 R.H. and XKC3023 L.H.

ALSO AVAILABLE:
PT. NO. XKC5765 "UNLEADED FUEL ONLY" LABEL, SILVER ON BLACK
Vehicle Identification Numbers: ACG25001, ACW30001.
Vehicle Identification Number: 1600000.
TRIUMPH TR7, TR8

Body

TR7, TR8 BODY—Rear End Panels—Later Models.

TR7, TR8 BODY—Trunk Lid, Hinges, Lock, Support—Early Models.

TR7, TR8 BODY—Trunk Lid, Hinges, Lock, Support—Late Models.

TR7, TR8 BODY—Windscreen and Backlight, Screen Finishers, Glazing Kit.

1. These components are fitted to convertible models.
2. Vehicle Identification Number 105677.

ALSO AVAILABLE:
PT. NO. XKC3765 "UNLEADED FUEL ONLY" LABEL

1. Trimmed Body Number T10466CC.
2. Vehicle Identification Number ACW7001.

1. Vehicle Identification Number 402001.
2. Fitted to left hand side only.
3. Must be fitted in pairs on all cars prior to Vehicle Identification Number 402001.
4. When fitting XKC3854 to models prior to Vehicle Identification Number 402001, the latest locking mechanism must also be fitted.

1. Vehicle Identification Number 202093.
2. Before 1979, use windscreen WKC324 Clear, WKC325 Tinted.
TR7, TR8 BODY—Mirrors.

Also available: Original Equipment Manufacturer Door Mirror Kits, including all mounting hardware.

- PT. NO. RFK305 DOOR MIRROR KIT, BLACK, L.H.
- PT. NO. RFK306 DOOR MIRROR KIT, BLACK, R.H.
- PT. NO. RFK303 DOOR MIRROR KIT, CHROMED, L.H.
- PT. NO. RFK304 DOOR MIRROR KIT, CHROMED, R.H.

Vehicle Identification Numbers ACG25001, ACW30001.

TR7, TR8 BODY—Front Bumper—Convertible Models.

- PT. NO. RFK303 DOOR MIRROR KIT, BLACK, L.H.
- PT. NO. RFK304 DOOR MIRROR KIT, CHROMED, R.H.

Body Number 30672CG.
TR7, TR8 BODY—Rear Bumper.

Body Number 25386CG.

TR7, TR8 BODY—Front Grille, Front Spoiler.

NKC479(2) Screw
NKC482(2) Washer
NKC479(2) Washer
NKC482(2) Screw
PT. NO. RFK265 GOLD
TRIUMPH TR7, TR8

TRIUMPH TR7, TR8 BODY—Badges, Transfers, Spoiler—1979 Onward.

TR7, TR8 BODY—Rear Quarter Grille, Aerial.


TR7, TR8 BODY—Facia Top Pads, Windscreen Seal, Demister Mesh, Knee Pads—1979 Onward.

TRIM COLOR IDENTIFICATION LETTERS:
LG- GREY, PA- BLACK, AH- GOLDEN TAN, JJ- NAVY BLUE.

Vehicle Identification Number 402000.

Trimmed Body Number T9601CG.

Trimmed Body Number T450CG.

Fitted from 1979 onward.

Vehicle Identification Number 402001.

© Trimmed Body Number T9601CG.

© Trimmed Body Number T450CG.

© Fitted from 1979 onward.

© Vehicle Identification Number 402000.

Trim Color Identification Letters:
LG- GREY, PA- BLACK, AH- GOLDEN TAN, JJ- NAVY BLUE.
TRIUMPH TR7, TR8
Body

TR7, TR8 BODY—Facia Base, Fuse Box Cover, Facia Support Brackets.

TR7, TR8 BODY—Cubby Box Lid.

TRIM COLOR IDENTIFICATION LETTERS: PA- BLACK, LG- GREY.

TR7, TR8 BODY—Centre Console, Armrest—Models with Manual Gearbox.

1 These components are fitted to models with fuel injection only.
2 Vehicle Identification Number 402001.
3 These components are fitted to TR8 models, and to all TR7/TR8 models from 1979 onward.
4 Through 1978, use Gaiter YKC1690PA (4 speed gearbox), or YKC1691PA (5 speed gearbox).
TR7, TR8 BODY—Centre Console, Armrest—Models with Automatic Gearbox.

TR7, TR8 BODY—"A" Post Trimboard, Ventilator, Door Seal, Rear Quarter Trimboards—Early Models.

TR7, TR8 BODY—"A" Post Ventilator—1979 Onward.

TRIM COLOR IDENTIFICATION LETTERS: PA- BLACK, LG- GREY.

TRIM COLOR IDENTIFICATION LETTERS: AA- BEIGE, PA- BLACK, JJ- NAVY BLUE, AM- GOLDEN TAN.
TR7, TR8 BODY—Door Trimpad, Armrest, Ashtray, Door Speaker—Fitted up to Vehicle Identification Number 402000.

TRIM COLOR IDENTIFICATION LETTERS:
AA- BEIGE, PA- BLACK, RA- RED & BLACK, RB- GREEN & BLACK

TR7, TR8 BODY—Door Trimpad, Armrest, Ashtray—Fitted up to Vehicle Identification Number 402000.

TRIM COLOR IDENTIFICATION LETTERS:
AA- BEIGE, PA- BLACK, RA- RED & BLACK, RB- GREEN & BLACK

TRIM COLOR IDENTIFICATION LETTERS:
AJ- GOLDEN TAN, JI- NAVY, RG- GOLDEN TAN CHECK, RH- NAVY CHECK.


TRIM COLOR IDENTIFICATION LETTERS:
AA- BEIGE, PA- BLACK, RA- RED & BLACK, RB- GREEN & BLACK

TRIM COLOR IDENTIFICATION LETTERS:
AM- GOLDEN TAN, JJ- NAVY, RG- GOLDEN TAN CHECK, RH- NAVY CHECK.

These components are fitted to USA Special Edition convertible models.

Models with the Map Lamp will additionally need: XKC3033 left hand side brackets, XKX3034 right hand side Rear Parcel Tray Bulkhead Trim, and SH106121(4), WA106041(4), and WL106001(4) fixings for the above.
TRIUMPH TR7, TR8
Body

TR7, TR8 BODY—Rear Parcel Shelf, Backlight Cover, Bulkhead Trim Pad—Fitted from 1979 Onward.


TR7, TR8 BODY—Rear Trim Pads—Convertible Models.

TRIM COLOR IDENTIFICATION LETTERS:
AA- BEIGE, PA- BLACK, JJ- NAVY, AM- GOLDEN TAN.

These components are fitted to convertible models.

TRIM COLOR IDENTIFICATION LETTERS:
PA- BLACK, NC- SEBRING WHITE, JJ- NAVY, AM- GOLDEN TAN.
TRIUMPH TR7, TR8

Body


These components are fitted to the Edrose Sun Roof.


These components are fitted to the Weathershield Sun Roof.

TR7, TR8 BODY—Sunshine Roof Channels, Edrose—1979 Onward.

Fitted to models with S"hring White headlining.
Fitted to models with Off White headlining.

TRM COLOR IDENTIFICATION LETTERS:
PA—BLACK, NC—S"HRING WHITE, NE—OFF WHITE.

108
TR7, TR8 BODY—Roof Insulation, Listing Rails.

TR7, TR8 BODY—Hood Frame Assembly—Convertible Models.

TR7, TR8 BODY—Rear Quarter Linkage, Header Rail Cover—Convertible Models.

TR7, TR8 BODY—Soft Top—Convertible Models.

TR7, TR8 BODY—Robbins’ Soft Tops—We offer a full selection of Robbins’ convertible tops and tonneau covers for the TR7/TR8 in addition to the original equipment tops. Robbins tops are of the highest quality in every way. We always stock these tops in black, white, and tan, but a variety of other colours are available on a special order basis at a very attractive price.

Part No. Description

ROBBINS CONVERTIBLE TOPS

RB2208/B Convertible Top, TR7, TR8, black
RB2208/T Convertible Top, TR7, TR8, tan
RB2208/W Convertible Top, TR7, TR8, white

ROBBINS TONNEAU COVERS

RBTC1208/B Tonneau Cover, TR7, TR8, black
RBTC1208/T Tonneau Cover, TR7, TR8, tan
RBTC1208/W Tonneau Cover, TR7, TR8, white

TR7, TR8 BODY—Seat Assembly, Slides—1979 Onward.

TRIM COLORS: AA—BEIGE, PA—BLACK, RA—RED & BLACK, PB—GREEN & BLACK.

TRIM COLORS: AA—BEIGE, RA—RED & BLACK, RB—GREEN & BLACK, RG—GOLDEN TAN CHECK, RH—NAVY BLUE CHECK, AM—GOLDEN TAN, JJ—NAVY BLUE, RF—GREY STRIPE.

These components were available only on a special order basis in the USA.

Vehicle Identification Number 200001.
Vehicle Identification Number 402001.
These components are fitted to USA Special Edition convertible models.
TRIUMPH TR7, TR8

Body

TR7, TR8 BODY—Hood Stowage—Convertible Models.

ZKC751(17)
XKC2696J J R.H.
XKC2696A D R.H.
XKC2696F A R.H.
ZKC165215
XKC2696PA L.H.
XKC2696PA L.H.
XKC2696PA L.H.

Part No. Description
CARPET SETS, TR7, TR8 coupes
CACS105/BLK Carpet Set, black cut pile
CACS105/RED Carpet Set, red cut pile
CACS105/BLU Carpet Set, blue cut pile
CACS105/TAN Carpet Set, tan cut pile

CARPET SETS, TR7, TR8 convertibles
CACS106/BLK Carpet Set, black cut pile
CACS106/RED Carpet Set, red cut pile
CACS106/BLU Carpet Set, blue cut pile
CACS106/TAN Carpet Set, tan cut pile

TR7, TR8 BODY—Aftermarket Carpet Sets.

At present, original type moulded carpet sets are not available for the TR7 and TR8 models. TRF does handle a very nice and reasonably priced aftermarket carpet for these cars, which are cut and sewn rather than moulded. In time, we hope to be able to provide absolutely original carpet sets for concours cars.

GEARSHIFT BOOTS:
PT. NO. YKC3660PA BLACK
PT. NO. XKC5696JJ NAVY
PT. NO. XKC5696AM GOLDEN TAN

TRIM COLORS: PA—BLACK, AD—CHESTNUT, JJ—NAVY BLUE, AM—GOLDEN TAN.

TRIMMED BODY NUMBER T1427CG.

TRIMMED BODY NUMBER T1427CG.

TRIMMED BODY NUMBER T1427CG.

TR7, TR8 BODY—Seat Squab, Cushion Covers—1979 Onward.


TR7, TR8 BODY—Seat Belts—1979 Onward.

These components were available only on a special order basis in the USA.

TRIM COLORS: AA- BEIGE, RA- RED & BLACK, RB- GREEN 8, BLACK, RG- GOLDEN TAN CHECK, RH- NAVY BLUE CHECK, RF- GREY STRIPE, AM- GOLDEN TAN, JJ- NAVY BLUE.

Trimmed Body Number T7311CG.
TR7, TR8 BODY—Boot Trim, Rear Lamp Cover Board—1979 Onward.


TR7, TR8 BODY—Sound Insulation Pads—Convertible Models.

TR7, TR8 BODY—Sound Insulation Pads—Coupe Models.

① These components are fitted to convertible models only.

① Body Number 34300CG.
② Vehicle Identification Number 202093.
TR7, TR8 TOOLS—From Original Factory Tool Kit, as well as Additional Tools.

TR7, TR8 AFTERMARKET OIL COOLERS—Most people who race British sports cars fit oil coolers to their cars, and they do this for good reason. When engines heat up, the oil heats up and thins out. The thinner the oil, the lower the oil pressure. It’s not hard to figure out why the racing guys use oil coolers, and they can also be very useful if you live in a hot climate or if you drive your car very hard. By the way, these are the coolers that Triumph also used on their racing cars, so they bolt right on to most models.

Part No. Description
TRFEL101 Oil Cooler Radiator, thirteen rows
TRFEL102 Oil Cooler Radiator, sixteen rows, use for full-race applications or very hot climates
TRFEL203 Fitting Kit, TR7
TRFEL204 Fitting Kit, TR8
TRFEL301 Oil Thermostat, to keep your oil from running too cool; required only in cold climates

TR7, TR8 BLANKING PLUGS, GROMMETS

TR7, TR8 TOUCH-UP PAINT

AEROSOL CANS:
- GAP625- PENDELICAN
- GAP643- CARNELIAN
- GAP656- ARAN BEIGE
- GAP659- ARGENT SILVER
- GAP661- BORDEAUX RED
- GAP665- CAVALRY BLUE
- GAP666- PHARAOH GOLD
- GAP667- CAMEL
- GAP672- RUSSET BROWN
- GAP676- INCA YELLOW
- GAP677- BROOKLANDS GREEN
- GAP678- PAGEANT BLUE
- GAP679- VERMILION
- GAP680- LEYLAND WHITE
- GAP681- MONZA
- GAP682- BROOKLANDS BLACK
- GAP683- CARMINE
- GAP684- RUSSET BROWN
- GAP686- CHAMPAGNE
- GAP687- BLACK
- GAP688- BORDEAUX RED
- GAP689- NOIR
- GAP691- PRENCH BLUE
- GAP692- PIMENTO
- GAP693- HONZA
- GAP694- CHAMPAGNE
- GAP695- BLACK
- GAP696- BROOKLANDS GOLD
- GAP697- TAHITI BLUE
- GAP698- ASTRAL BLUE METALLIC
- GAP699- MIDAS METALLIC
- GAP700- TRITON METALLIC
- GAP659- POSEIDON METALLIC
- GAP660- PLATINUM METALLIC
- GAP661- PERSIAN METALLIC
- GAP662- WHITE
- GAP663- PORCELAIN
- GAP664- MOSSRAKER
- GAP665- MIDAS METALLIC
- GAP666- TRITON METALLIC
- GAP667- POSEIDON METALLIC
- GAP668- PLATINUM METALLIC
- GAP669- PERSIAN METALLIC
- GAP670- WHITE
- GAP671- PIMENTO
- GAP672- FRENCH BLUE
- GAP673- HONZA
- GAP674- MAPLE
- GAP675- LEYLAND WHITE
- GAP676- BROOKLANDS BLACK
- GAP677- PRENCH BLUE
- GAP678- PIMENTO
- GAP679- HONZA
- GAP680- CHAMPAGNE
- GAP681- BLACK
- GAP682- BROOKLANDS GOLD
- GAP683- TAHITI BLUE
- GAP684- ASTRAL BLUE METALLIC
- GAP685- MIDAS METALLIC
- GAP686- TRITON METALLIC
- GAP687- POSEIDON METALLIC
- GAP688- PLATINUM METALLIC
- GAP689- PERSIAN METALLIC
- GAP690- WHITE
- GAP691- PIMENTO
- GAP692- FRENCH BLUE
- GAP693- HONZA
- GAP694- MAPLE
- GAP695- LEYLAND WHITE
- GAP696- BROOKLANDS BLACK
- GAP697- PRENCH BLUE
- GAP698- PIMENTO
- GAP699- HONZA
- GAP700- CHAMPAGNE
- GAP701- BLACK
- GAP702- BROOKLANDS GOLD
- GAP703- TAHITI BLUE
- GAP704- ASTRAL BLUE METALLIC
- GAP705- MIDAS METALLIC
- GAP706- TRITON METALLIC
- GAP707- POSEIDON METALLIC
- GAP708- PLATINUM METALLIC
- GAP709- PERSIAN METALLIC
- GAP710- WHITE
- GAP711- PIMENTO
- GAP712- FRENCH BLUE
- GAP713- HONZA
- GAP714- MAPLE
- GAP715- LEYLAND WHITE
- GAP716- BROOKLANDS BLACK
- GAP717- PRENCH BLUE
- GAP718- PIMENTO
- GAP719- HONZA
- GAP720- CHAMPAGNE
- GAP721- BLACK
- GAP722- BROOKLANDS GOLD
- GAP723- TAHITI BLUE
- GAP724- ASTRAL BLUE METALLIC
- GAP725- MIDAS METALLIC
- GAP726- TRITON METALLIC
- GAP727- POSEIDON METALLIC
- GAP728- PLATINUM METALLIC
- GAP729- PERSIAN METALLIC
- GAP730- WHITE
- GAP731- PIMENTO
- GAP732- FRENCH BLUE
- GAP733- HONZA
- GAP734- MAPLE
- GAP735- LEYLAND WHITE
- GAP736- BROOKLANDS BLACK
- GAP737- PRENCH BLUE
- GAP738- PIMENTO
- GAP739- HONZA
- GAP740- CHAMPAGNE
- GAP741- BLACK
- GAP742- BROOKLANDS GOLD
- GAP743- TAHITI BLUE
- GAP744- ASTRAL BLUE METALLIC

TOUCH-UP PAINT SUPPLIED IN ¼ PINT CANS:
- GTU302- CARMINE
- GTU402- RUSSET BROWN
- GTU403- INCA YELLOW
- GTU404- BROOKLANDS GREEN
- GTU405- BORDEAUX RED
- GTU406- CAVALRY BLUE
- GTU407- PAGEANT BLUE
- GTU408- VERMILION
- GTU409- LEYLAND WHITE
- GTU410- MONZA
- GTU411- BROOKLANDS BLACK
- GTU412- PRENCH BLUE
- GTU413- PIMENTO
- GTU414- HONZA
- GTU415- BLACK
- GTU416- BORDEAUX RED
- GTU417- NOIR
- GTU418- CHAMPAGNE
- GTU419- MAPLE
- GTU420- WHITE
- GTU421- BORDEAUX RED
- GTU422- NOIR
- GTU423- CHAMPAGNE
- GTU424- MAPLE
- GTU425- WHITE
because Lucas has replaced the original equipment distributors for the TR7 with what they call a Constant Energy Kit, we have chosen to reprint most of a Lucas Service Bulletin on the subject to inform the TR7 owner. This bulletin fully describes the constant energy distributors and amplifiers and gives service, maintenance, and workshop manual information for installing, caring for, and repairing the new distributors. We suggest that you read this information carefully if you are having trouble with your original distributor and if you are considering replacing it with a constant energy kit.

Lucas Constant Energy Ignition

**Introduction of Constant Energy Ignition System**

This electronic ignition system is supplied to British Leyland and is now fitted to the Jaguar XJ series range of vehicles. A four cylinder version is now being supplied for other applications, and a vehicle cross reference is enclosed.

**Warnings**

1. The electronic module contains an Integrated Circuit, a thick film file and a high voltage Darlington transistor mounted on a Beryllia tile. Finely divided beryllia is toxic and it is therefore inadvisable to open or crush the electronic module.

2. Ignition circuits induce high voltages which could be dangerous. Care should be exercised when working on vehicles with the ignition switched on.

**Amplifier Description**

The amplifier consists of a solid state electronic module housed in an aluminum case, provided with two leads which are connected to the low tension terminals of the ignition coil. Connections to the distributor pickup are made by an assembly of two leads inside a screening braid which plugs into a socket on one side of the amplifier.

The amplifier and screening braid require good ground connections with the vehicle body. Ensure that good metal-to-metal contact is made when the amplifier is bolted in position.

**Distributor Description**

The distributor incorporates a standard automatic advance system, anti-flash shield, rotor arm and cover but the traditional contact breaker is replaced by a retractor and pickup assembly. A four cylinder version is now being supplied for other applications, and a vehicle cross reference is enclosed.

**Operation**

A voltage signal, generated by the retractor and pickup assembly is interpreted by the amplifier, which switches on and off the current flowing in the primary winding of the ignition coil. When a retractor tooth passes across the pickup limb, the magnetic field strength around the pickup winding is intensified creating a voltage in the winding. The rise and fall of this voltage is sensed by the amplifier and is used to trigger the transistorised output stage of the amplifier.

The ignition coil used in this system is a nominal 6V unit. There is no separate ballast resistor in the circuit. The amplifier controls the maximum current flowing in the LT circuit.

**Technical Data**

**Distributor Model 45DM**

- **Firing Angles**: 4 cyl.- 0°, 90°, 180°, etc. ±1°.
- **6000 mile service**: Remove the distributor. (Reluctor tooth to pickup limb)- 0.008"-0.014"
- **Pickup winding resistance**: 2.2-4.8K Ohms
- **Clamp plate- max. tightening torque**: 54 lbf in (6.0 Nm)

**Amplifier Model 45M**

- **Firing Angles**: 4 cyl.- 0°, 90°, 180°, etc. ±1°.
- **Pickup winding resistance**: 2.2-4.8K Ohms
- **Clamp plate- max. tightening torque**: 54 lbf in (6.0 Nm)

**Service Arrangements**

**Replacement Parts**

Distributor: the following items (shown in fig.2) are available:

- Cover (including brush and spring), Bracket Spring, Rotor Arm, Pickup and Base Plate Assembly, Anti-flash Shield, Vacuum Unit, and Clamp Plate.

Amplifier: no service parts available. Replace complete unit.

**Routine Maintenance**

Apart from periodic checks to ensure that all connections are clean and tight, routine service should be carried out to the distributor. When the engine is stationary and cold, and the ignition switch is "off":

- **Every 6,000 miles (10,000 km)**
  - Remove the rotor arm and apply two drops of clean engine oil to the exposed felt pad in the top of the retractor bore.
  - Use a clean dry napkin and wipe the (i) cover, inside and outside, paying particular attention to the mating surfaces between the (ii) cover; (iii) anti-flash shield, and (iv) rotor arm.
  - Every 6,000 miles (20,000 km)
  - Lubricate the pickup plate centre bearing with a drop of clean engine oil in each of the two holes provided. (Reactor should be removed to reveal lubrication holes).
  - Lubricate the coupling ring for the low tension terminals of the ignition coil. Replace the brush if it is excessively worn.
  - Although the auto-advance mechanism is lubricated for life during assembly, one of the two lubrication holes should be used with a clean engine oil in each of the two holes provided. (Reactor should be removed to reveal lubrication holes).

**Distributor Air Gap Setting and Timing**

During normal service the air gap between the retractor and the pickup does not alter and will only require resetting if it has been tampered with.

The nominal service setting is 0.008"-0.014" (0.20mm-0.35mm)

In production, however, the pickup is positioned to produce a predetermined signal strength, as the distributor is run at slow speed. The resulting air gap may vary between 0.006"-0.014" (0.15mm and 0.35mm).
Distributor Air-Gap Setting and Timing (continued)

The original gap setting must not be altered unless (a) it has been tampered with, or (b) all the other equipment is shown to be correct.

Procedure
The air gap is measured between a reluctor tooth and the pickup limb (see Fig. 3). Plastic feeler gauges should be used, and the ignition should be switched off.
(a) Align a reluctor tooth and pickup limb opposite each other.
(b) Slacken the distributor pinch bolt and turn the distributor body to align nearest reluctor tooth with the pickup limb. (Rotor arm must still align with No. 1 spark plug lead etc.).
(c) Tighten pinch bolt without moving the distributor.
(d) Fit the distributor cover and start the engine.
(e) Tighten pinch bolt without moving the distributor.

Warning: Before starting engine make sure that nothing is in the vicinity of the engine fan and hot areas.

Reassembly (continued)
(d) Drive is correctly positioned.

Fault Finding Procedure

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<td>Measuring battery volts</td>
<td>Incorrect</td>
</tr>
<tr>
<td>Less than 11.5 volt</td>
<td>More than 11.5 volt</td>
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Check wiring to/from ignition switch

| Measure voltage at coil "+" terminal |
| Incorrect                  | Correct                  |
| Measure voltage at coil "-" terminal |
| Incorrect                  | Correct                  |

Disconnect wire to AB14 amplifier from coil "+" terminal

Measure voltage at coil "+" terminal

Incorrect

Disconnect distributor pick-up coil from amplifier

Measure pick-up coil resistance

Incorrect

Less than 2 volts coil faulty

Incorrect

More than 2 volts coil faulty

Correct

Amplifier faulty

Incorrect

Check HT circuit

Correct

Check HT leads

Incorrect

Check rotor arm

Correct

Check distributor cover

Correct

Check distributor base

Correct

Check distributor shaft

Correct

Check distributor bushing

Correct

Check distributor pinion

Correct

Check distributor body

Correct

Check distributor cap

Correct

Check distributor connector

Correct

Check distributor coil

Correct

Check distributor terminal

Correct

Check distributor housing

Correct

Check distributor ground

Correct

Check distributor housing

Correct

Check distributor base

Correct

Check distributor body

Correct

Check distributor cap

Correct

Check distributor pinion

Correct

Check distributor bushing

Correct

Check distributor pinion

Correct

Check distributor housing

Correct

Check distributor base

Correct

Check distributor body

Correct

Check distributor cap

Correct

Check distributor pinion

Correct

Check distributor bushing

Correct

Check distributor pinion

Correct

Check distributor housing

Correct

Check distributor base

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Check distributor body

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Check distributor cap

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Check distributor pinion

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Check distributor pinion

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Check distributor housing

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Check distributor base

Correct

Check distributor body

Correct

Check distributor cap

Correct

Check distributor pinion

Correct

Check distributor bushing

Correct

Check distributor pinion

Correct

Check distributor housing

Correct

Check distributor base

Correct

Check distributor body

Correct

Check distributor cap

Correct

Check distributor pinion

Correct

Check distributor bushing

Correct

Check distributor pinion

Correct

Check distributor housing

Correct

Check distributor base

Correct

Check distributor body
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