Manufacturers Reference No. for Application
D5/3/5

F.I.A. Recognition No. 1063

ROYAL AUTOMOBILE CLUB
PALL MALL, LONDON, S.W.1.

Federation Internationale de l’Automobile.

Form of Recognition in accordance with
Appendix J to the
International Sporting Code.

Manufacturer: Rover Co., Ltd.
Model: P.5 3 Litre Saloon
Year of Manufacture: 1962.
Chassis: 77000001.
Serial No. of Engine: 77000001.
Type of Coachwork: 4 Door Saloon.

Basic Recognition is valid from 10 Juin 1961
In category T

With modifications from 1962 Evolutional type from:

Photograph to be affixed here. View of car from front right.

Stamp of F.I.A. to be affixed here.
General description of car:

Photographs to be affixed below.

‡ view of car from rear left.  
Interior view of car through driver's door.

Engine unit with accessories from right.  
Engine unit with accessories from left.

Front axle complete (without wheels).  
Rear axle complete (without wheels).
ENGINE

No. of cylinders: 6

Firing order: Yes.

Cycle: 4

Capacity: 2995 c.c.
Bore: 77.8 m.m.
Stroke: 105 m.m.

Maximum rebores: 1

Resultant capacity: 3.02 c.c.

Material of cylinder block: Cast Iron

Material of sleeves, if fitted: —

Distance from crankshaft centre line to top face of block at centre line of cylinders: 318281 m.m.

Material of cylinder head: Aluminium Alloy

Volume of one combustion chamber: 64.3 c.c.

Compression ratio: 8.75:1

Material of piston: Aluminium Alloy

No. of piston rings: 18

Distance from gudgeon pin centre line to highest point of piston crown: — m.m.

Bearings:
- Crankshaft main bearings: Type Lead Bronze, Dia. 60 mm.
- Connecting rod big end: Type Lead Bronze, Dia. 51.03 mm.

Weights:
- Flywheel: 9,038 kg.
- Crankshaft: 22,989 kg.
- Connecting rod: 7,202 kg.
- Piston with rings: 4,099 kg.
- Gudgeon pin: 3,085 kg.

No. of valves per cylinder: 2

Method of valve operation: Push Rod.

No. of camshafts: 1

Location of camshafts: Side

Type of camshaft drive: Chain

Diameter of valves:
- Inlet: 45.06 mm.
- Exhaust: 32.01 mm.

Diameter of port at valve seat:
- Inlet: 39.03 mm.
- Exhaust: 29.04 mm.

Tappet clearance for checking timing:
- Inlet: 0.192 mm.
- Exhaust: 0.254 mm.

Valves open:
- Inlet: 45° A.V.D.O.
- Exhaust: 48° A.V.D.O.

Valves close:
- Inlet: 45° A.V.D.O.
- Exhaust: 16° A.V.D.O.

Maximum valve lift: Inlet: 1.05 mm.

Degrees of crankshaft rotation from zero to:
- Maximum lift: Inlet: 119°
- Exhaust: 254°

Maximum lift: Inlet: 79°

Exhaust: 225°

Valve springs:
- Type: Inlet —
- No. per valve: 2

Carburettor:
- Type: Horizontal

Make: S.U.

Flange hole diameter: 54 mm.

Choke diameter: variable, mm.

Main jet identification No.: U.R., U.K.
ENGINE ACCESSORIES

Make of fuel pump: S.U.  
Method of operation: Electric  
Type of ignition system: Coil  
Make of ignition: Lucas  
Method of advance and retard: Centrifugal & Vacuum.  
Make of ignition coil: Lucas  
No. of ignition coils: 1  
Make of dynamo: Lucas  
Voltage of dynamo: 12  
Make of starter motor: Lucas  
Battery: No. fitted: 1  
Voltage: 12  
Model: HA 12  
Voltage: 12  
Model: 8.42  
Maximum output: 30 amps.  
Model: M 45 G.  
Capacity: 72 amp. hour
Make: Rover  Model: 3 Litre  F.I.A. Recognition No.: P5/3/W.

Manufacturers Reference No. of Application: P5/3/W.

TRANSMISSION

Make of clutch: Borg & Beck.  Type: Dry Plate.
Diameter of clutch plate: 10"  No. of plates: One
Method of operating clutch: Hydraulic.
Make of gearbox: Rover.  Type: 
No. of gearbox ratios: 4  Forward: 1 Reverse.
Method of operating gearshift: Manual.
Location of gearshift: Central on Floor.
Is overdrive fitted: Yes.
Method of controlling overdrive, if fitted: Electrical.

<table>
<thead>
<tr>
<th>GEARBOX RATIOS</th>
<th>ALTERNATIVE RATIOS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ratio</td>
<td>No. of Teeth</td>
</tr>
<tr>
<td>-------</td>
<td>--------------</td>
</tr>
<tr>
<td>1.</td>
<td>3.376:1</td>
</tr>
<tr>
<td>2.</td>
<td>2.043:1</td>
</tr>
<tr>
<td>3.</td>
<td>1.377:1</td>
</tr>
<tr>
<td>4.</td>
<td>1 : 1</td>
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<tr>
<td>REVERSE</td>
<td>2.566:1</td>
</tr>
</tbody>
</table>

Type of final drive: Spiral Bevel.
Type of differential: Bevel.
Final drive ratio: 3.9  Alternatives 4.7 4.3 3.54
No. of teeth: 10-47 10-43 13-46.

WHEELS

Type: Pressed.  Weight: 9.52 kg.
Method of attachment: 5 Stud.
Rim diameter: 380.238 mm.  Rim width: 127.0 mm.
Tyre size: Front 710 x 15 or 670 x 15  Rear 710 x 15 or 670 x 15.

BRAKES

Method of operation: Hydraulic.
Is servo assistance fitted: Yes.
Type of servo, if fitted: Girling Vacuum Cylinder.
No. of hydraulic master cylinders: 1  Bore: 19.04 mm.
No. of wheel cylinders
Bore of wheel cylinders
Inside diameter of brake drums
No. of shoes per brake
Outside diameter of brake discs
No. of pads per brake
Dimensions of brake linings per shoe or pad (if all shoes or pads in each brake are not of same dimensions, specify each)

<table>
<thead>
<tr>
<th></th>
<th>Front</th>
<th>Rear</th>
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<tbody>
<tr>
<td>No. of wheel cylinders</td>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>Bore of wheel cylinders</td>
<td>60.579</td>
<td>19.05</td>
</tr>
<tr>
<td>Inside diameter of brake drums</td>
<td>-</td>
<td>279.4</td>
</tr>
<tr>
<td>No. of shoes per brake</td>
<td>-</td>
<td>2</td>
</tr>
<tr>
<td>Outside diameter of brake discs</td>
<td>273.8</td>
<td>-</td>
</tr>
<tr>
<td>No. of pads per brake</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Dimensions of brake linings per shoe or pad (if all shoes or pads in each brake are not of same dimensions, specify each)</td>
<td>-</td>
<td>-</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Front</th>
<th>Rear</th>
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<tbody>
<tr>
<td>Length</td>
<td>95.37</td>
<td>219.529</td>
</tr>
<tr>
<td>x 53.21</td>
<td>m.m.</td>
<td>m.m.</td>
</tr>
<tr>
<td>Width</td>
<td>60.325</td>
<td>57.15</td>
</tr>
<tr>
<td>Total area per brake</td>
<td>8963.13</td>
<td>25092.06</td>
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<td></td>
<td>m.m.²</td>
<td>m.m.²</td>
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</tbody>
</table>

**SUSPENSION**

Type
Type of spring
Is stabiliser fitted?
Type of shock absorber
No. of shock absorbers

<table>
<thead>
<tr>
<th></th>
<th>Front</th>
<th>Rear</th>
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<tbody>
<tr>
<td>Type</td>
<td>Independant.</td>
<td>Leaf.</td>
</tr>
<tr>
<td>Type of spring</td>
<td>Laminated Torsion-Bar</td>
<td>Semi-Elliptic</td>
</tr>
<tr>
<td>Is stabiliser fitted?</td>
<td>Yes</td>
<td>No</td>
</tr>
<tr>
<td>Type of shock absorber</td>
<td>Telescopic</td>
<td>Telescopic</td>
</tr>
<tr>
<td>No. of shock absorbers</td>
<td>2</td>
<td>2</td>
</tr>
</tbody>
</table>

**STEERING**

Type of steering gear
Turning circle of car
No. of turns of steering wheel from lock to lock

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<tbody>
<tr>
<td>Type of steering gear</td>
<td>Burman Recirculating Ball or Hydrosteer Power</td>
</tr>
<tr>
<td>Turning circle of car</td>
<td>11.73 M.</td>
</tr>
<tr>
<td>No. of turns of steering wheel from lock to lock</td>
<td>$4\frac{1}{2}$ or $2\frac{1}{4}$</td>
</tr>
</tbody>
</table>

**CAPACITIES AND DIMENSIONS**

Fuel tank
Radiator
Overall length of car
Overall width of car
Overall height of car, unladen (with hood up, if appropriate)
Distance from floor to top of windscreen:
Highest point
Lowest point
Width of windscreen:
Maximum width
Minimum width
Interior width of car
No. of seats
Track:
Wheelbase
Ground clearance
Overall weight with water, oil and spare wheel, but without fuel

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</thead>
<tbody>
<tr>
<td>Fuel tank</td>
<td>63.4 or 110,</td>
<td>litres</td>
<td>Sump</td>
<td>5.7</td>
<td>litres</td>
<td></td>
</tr>
<tr>
<td>Radiator</td>
<td>13</td>
<td>litres</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Overall length of car</td>
<td>473.7</td>
<td>cm</td>
<td></td>
<td></td>
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<tr>
<td>Overall width of car</td>
<td>177.8</td>
<td>cm</td>
<td></td>
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<tr>
<td>Overall height of car, unladen (with hood up, if appropriate)</td>
<td>153</td>
<td>cm</td>
<td></td>
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<tr>
<td>Distance from floor to top of windscreen:</td>
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<tr>
<td>Highest point</td>
<td>106.38</td>
<td>cm</td>
<td></td>
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<tr>
<td>Lowest point</td>
<td>103</td>
<td>cm</td>
<td></td>
<td></td>
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<tr>
<td>Width of windscreen:</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Maximum width</td>
<td>134.2</td>
<td>cm</td>
<td></td>
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<tr>
<td>Minimum width</td>
<td>120.3</td>
<td>cm</td>
<td></td>
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<tr>
<td>Interior width of car</td>
<td>150.9</td>
<td>cm</td>
<td></td>
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<tr>
<td>No. of seats</td>
<td>4</td>
<td></td>
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<tr>
<td>Track: Front</td>
<td>140.97</td>
<td>cm</td>
<td></td>
<td></td>
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<tr>
<td>Rear</td>
<td>142.24</td>
<td>cm</td>
<td></td>
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<tr>
<td>Wheelbase</td>
<td>280.67</td>
<td>cm</td>
<td></td>
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<tr>
<td>Ground clearance</td>
<td>184.15</td>
<td>m.m.</td>
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<tr>
<td>Overall weight with water, oil and spare wheel, but without fuel</td>
<td>1581</td>
<td>kgs</td>
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*(To be measured at the immediate rear of the steering wheel, and the width quoted to be maintained in a vertical plane of not less than 25 cms.)*
### Additional information for cars fitted with two-cycle engines

**System of cylinder scavenging**

**Type of lubrication**

**Size of inlet port:**
- Length measured around cylinder wall: 
  - m.m.
- Height: 
  - m.m.  Area: 
  - m.m.²

**Size of exhaust port:**
- Length measured around cylinder wall: 
  - m.m.
- Height: 
  - m.m.  Area: 
  - m.m.²

**Size of transfer port:**
- Length measured around cylinder wall: 
  - m.m.
- Height: 
  - m.m.  Area: 
  - m.m.²

**Size of piston port:**
- Length measured around piston: 
  - m.m.
- Height: 
  - m.m.  Area: 
  - m.m.²

**Method of pre-compression**

**Bore and stroke of pre-compression cylinder, if fitted:** 
- m.m.

**Distance from top of cylinder block to lowest point of inlet port:** 
- m.m.

**Distance from top of cylinder block to highest point of exhaust port:** 
- m.m.

**Distance from top of cylinder block to highest point of transfer port:** 
- m.m.

**Drawing of cylinder ports.**

### Supercharger, if fitted

**Make**  
**Model or Type No.**

**Type of drive**  
**Ratio of drive**

### Fuel injection, if fitted

**Make of pump**  
**Model or Type No.**

**Make of injectors**  
**Model or Type No.**

**Location of injectors**
Optional equipment affecting preceding information:

**SUMP GUARD.**

Battery 12 V 57 AMP Hours.

**BORG-WARNER AUTOMATIC TRANSMISSION.**

**CAM SHAFT.**

Valves Open Inlet 17° E.T.D.C. Exhaust 45° E.B.D.C.
Valves Close Inlet 41° A.B.D.C. Exhaust 13° A.T.D.C.

Degree of crankshaft rotation from zero to:

Maximum Lift Inlet 102° Exhaust 254°
½ Maximum Lift Inlet 57° Exhaust 209°

Alternative compression ratio 8:1.
<table>
<thead>
<tr>
<th>EXTENSIONS</th>
<th>DEBUT VALIDITE</th>
<th>DESCRIPTION</th>
<th>NOTES</th>
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Autres homologations du modèle

Vérifié le : 21/08/2026 par ___________ visée ce jour le ___________ par ___________