SERVI-CAR SERVICE
SPECIFICATIONS

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Model G (1963 and Earlier) • With Towbar
Model GA (1963 and Earlier) Less Towbar
Model GE (1964 and Later) Electric Starting (Less Towbar)

DIMENSIONS

Wheel Base 61 in.
Overall Length 100 in.
Overall Width 48 in.

CAPACITIES

Fuel Tank 3.4 U.S. Gallons (approximate)
Oil Tank 3-1/2 Quarts
Transmission 3/4 Pint (approximate)

ENGINE

Model Designation Letter . . G or GE
Number of Cylinders 2
Type 45 Degree V Type
Horsepower 21 H.P. at 4400 R.P.M.
Taxable Horsepower 6.03
Bore (69.67 mm) 2.745 in.
Stroke (96.8 mm) 3.8125 in.
Piston Displacement (742 cc) 45.28 cu. in.
Torque 30 Lb.-Ft. at 2400 R.P.M.
Compression Ratio 4.75 to 1

NOTE: The serial (V.I.N.) numbers of the Harley-Davidson Servi-Car are stamped on the right or left side of the engine crankcase and frame steering head. Always give these numbers when ordering parts or making an inquiry.

IGNITION SYSTEM

Spark Plugs - Heat Range for Average Use No.3

TRANSMISSION

Type ••••••••••••••• Constant Mesh Speeds 3 Speeds Forward, 1 Reverse

NUMBER OF SPROCKET TEETH

Engine ..........•••••••••••••••••••••••• 22
Clutch ..........•••••••••••••••••••••••• 59
Transmission ..........•••••••••••••••••••••••• 17
Rear Wheel ..........•••••••••••••••••••••••• 37

GEAR RATIOS

First (Low) Gear ..........••••••••••••• 14.4 to 1
Second Gear. ..........•••••••••••••••••••• 9.7 to 1
Third (High) Gear ..........•••••••••••••• 5.85 to 1
Reverse Gear. ..........•••••••••••••••••••••• 12.45 to 1

TIRE DATA

Tire Size
1968 & earlier ..........••••••••••••••• 5.00 x 16
1969 & later ..........•••••••••••••••••••••••••• 5.10 x 16

Tire Pressure. 
1968 & earlier 12lbs. 18lbs.
1969 & later 20 lbs. 24 lbs.

The tire inflation pressures given above are for Servi-Car with empty box and rider weighing 150 pounds. Pressures may be increased slightly for loaded box and heavier rider.

CAUTION: Use only 5.00/5.10 x 16 inner tubes with 5.10 x 16 size tires - 5.00 x 16 tube must not be used.

SIDE VALVE

Models and Compression Ratios

<table>
<thead>
<tr>
<th>Model</th>
<th>Compression Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>WLD and WLDR-High compression</td>
<td>6 to 1</td>
</tr>
<tr>
<td>W-WL and G-Medium compression</td>
<td>4.75 to 1</td>
</tr>
</tbody>
</table>

NOTE-Medium compression model is recommended particularly for sidecar service. It is also entirely suitable for solo service.

Gearing will be correct for either service (See “Gear Ratios”). Medium compression model motor also applies to Servi-car.

License Data

Number 01 cylinder . ........................ 2
Piston displacement (739.46 c.c.) .. 45.12 cu. in.
Stroke (93.85 rom.) . 3 13/16 inches
Horsepower (N.A.C.C. Rating) 6.05
Whel Base ............................ 57 1/2 inches

Tire Inflation Pressures

<table>
<thead>
<tr>
<th>Tire Size</th>
<th>Pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.00 x 16</td>
<td>16 lbs.</td>
</tr>
<tr>
<td>5.10 x 16</td>
<td>18 lbs.</td>
</tr>
</tbody>
</table>

These pressures are for average load and service. Raise slightly for extra passengers or high speed riding. Pressure for Sidecar tire must be added separately.