THE FOUR WHEEL DRIVE

LAND-ROVER

STATION WAGON

"Meets every occasion"
**CHASSIS SPECIFICATION**

**ENGINE.** Flexibly mounted on rubber at four points. Four cylinders, bore 69.5 mm. Stroke 105 mm. 1395 c.c. Maximum brake horse power 50. Three bearing counterbalanced crankshaft of high specification steel of ample dimensions. Camshaft in crankcase driven by double roller silent chains with hydraulic adjuster. Firing order, 1, 3, 4, 2.

**VALVES.** Overhead inlet valves operated by rocker and push rod from camshaft. Side exhaust valves with inserted valve seat operated by rocker in direct contact with camshaft.

**PISTONS.** Aluminium. Inverted "V" shaped head to conform to professed design of semi-spherical combustion chamber giving increased compression turbulence. Two compression and two scraper rings are fitted.

**CLUTCH.** Single dry plate 9" diameter.

**DYNAMO.** Automatic voltage regulator 12 V.

**STARTER.** Operates on flywheel.

**CARBURETTER.** Down-draught.

**PETROL FILTER.** Mounted on dash.

**AIR CLEANER.** Oil bath type.

**TRANSMISSION.** To rear and front axle by open propeller shaft via two speed transfer box.

**REAR AXLE.** Semi-floating. Spiral bevel type. Ratio 4.84 : 1.

**COOLING SYSTEM.** Water circulation by pump. Thermostatic control. A fan is fitted. Water capacity two gallons.

**LUBRICATION.** By pressure from gear type pump forcing oil to all bearings, timing chain and valve gear. Capacity 10 pints.

**GEARS.** Four forward speeds and reverse. Ratios: first 3.00 : 1, second 2.04 : 1, third 1.37 : 1, top 1 : 1, reverse 2.34 : 1.

**TRANSFER BOX.** Incorporates two speeds which in conjunction with the main gearbox give a comprehensive range of eight forward gears. Ratios: first 2.888 : 1, top 1.146 : 1.

**IGNITION.** Coil and battery. Automatic controlled ignition advance 12 volt battery. Capacity 52 amp. hours.

**FRONT AXLE.** Fitted with differential similar to rear axle. The drive to front wheels is through free-wheel and constant velocity universal joints totally enclosed.

**CHASSIS.** Side and cross members of box section, forming an exceptionally rigid assembly.

**STEERING.** The steering wheel optional right or left hand driving position.

**FUEL SUPPLY.** From 10 gallon tank.

**SPRINGS.** Semi-elliptic. Four tubular type shock absorbers are fitted.

**WHEELS.** Detachable disc wheels having 14½ wide rims. Tyres 16 x 6.00 Heavy Duty traction type.

**DIMENSIONS.** Overall width 5' approx. Overall length 11' approx. Weight of vehicle 2,800 lbs. approx. Wheelbase 80". Track 50".

**MAXIMUM ROAD SPEED.** Over 50 m.p.h.

E. & O. E. Subject to alteration without notice.
The LAND-ROVER WILL MEET all YOUR REQUIREMENTS

This LAND-ROVER has been designed specially to cater for a wide variety of uses. It is conveniently adaptable to many passenger and transport needs. Station Wagon, Estate Car, Shooting Brake, Service Vehicle, Family Runabout, School or Hotel Bus, it fills all these and many other requirements.

There is comfortable seating accommodation for seven adult persons with seating arranged for easy access. The Rear Seat Cushions can be folded away or removed entirely to provide a large area for luggage or goods. On the road it is fast and can be driven long distances without fatigue. Petrol consumption is low and with four-wheel drive and eight forward speeds it can be taken over rough country with ease and safety.

It is an attractive vehicle built with the care and attention to detail and finish characteristic of all Rover Cars.