The 4-Wheel Drive
LAND-ROVER
The "Go anywhere" VEHICLE
This view shows the clean, workmanlike design of the Land-Rover, built for really hard going and specially treated against corrosion. The gearbox, and the drive to the front and rear axles is from the transfer box, and tubular type shock-absorbers are fitted front and rear. Right or left.

Also illustrated are some of the items of optional equipment which for a wide variety of jobs in agriculture and industry. Designed could possibly perform, the four-wheel drive Land-Rover has at world.
chassis, and illustrates the immensely rigid box section chassis frame—
The drive for centre and rear power take-offs is taken through the main
box. The suspension system is capable of dealing with the roughest ground,
eft-hand steering can be fitted as required.

make the Land-Rover a highly mobile power-unit, eminently suitable
to operate in all conditions, built for work that no ordinary vehicle
ready proved itself invaluable for every kind of task throughout the
More & more Farmers, Countrymen

with The

LAND-ROVER

4-WHEEL DRIVE

A LARGER LAND-ROVER • LONGER WHEELBASE • INC

Since its introduction in 1948 the Land-Rover has successfully accomplished every task set it. The latest four-wheel drive vehicle takes another step forward by giving 25% more carrying capacity and a spacious compartment in which particular attention has been given to adequate ventilation. The control pedals and gear are adjustable, and other new features include a new carrying floor completely flat, flush-fitting exterior door handles, and large instruments and extremely handy parcel shelf.

The Land-Rover has a 4-cylinder, 2-litre engine, two power and two reverse, and can be driven either in four-wheel or in two-wheel drive when in low transfer. The rear power to farm implements, etc., and the centre power take-off will operate and other equipment mounted in the body of the vehicle. The (1,135 Kg.) pull, and the vehicle will haul loads many times the weight of alloy, and all exterior steel fittings are heavily galvanised.

In standard form the Land-Rover is supplied with a water body (below, right). As an alternative a strong, easily carried (left), fitted or removed in a matter of minutes. Also available is the driving compartment, giving the driver and passenger double the roominess. The truck can be fitted with a cab.

The Land-Rover can also be supplied as a fire-fighting vehicle to tackle the most difficult going a
The Industrialists are doing more jobs

By Appointment to the Manufacturers of
The Rover

late King George V1
Land-Rovers
Co. Ltd.

Mud, sand, scrub, steep rocky slopes — the Land-Rover is the master of them all.

On the farm the Land-Rover is the complete maid-of-all-work. Here it operates a threshing machine through the rear power take-off.

A Land-Rover and trailer at the docks, where its maneuverability is invaluable.

Rover has taken the world as its proving ground for it. Now this all-purpose, go-anywhere, yard with a longer wheelbase and a longer body steadier ride, and a more comfortable driving has been paid to thorough weather-proofing and gear lever are re-positioned for easier operation, bracket for the spare wheel that leaves the body handles, and a new instrument panel with easily shelves.

over take-off points (centre and rear), eight forward speeds in two-wheel drive in high transfer gear, but is permanently take-off is suitable for shaft-driven or belt-driven machinery, operate, via vee belts, generators, compressors, crop-sprayers and so on. A front winch is available, designed for a 2,500 lb. uses its own weight. Body panels are in non-corrodible lightproof canvas hood covering the driving compartment and detachable lightweight metal top can be supplied (below, silable as an optional extra is a metal truck cab which fits the front-seat passengers perfect protection. Both the metal double-skin tropical roof.

vehicle, where its four-wheel drive and compactness enable it and to approach much nearer to
The lightweight metal detachable top, showing method of removal and (inset) the lift-up rear door.

The Land-Rover fitted with the lightweight metal detachable top.

The Land-Rover is justifiably called a versatile vehicle”. Comfortable, fast and equally at home across the road or adaptable for agricultural uses or leisure and a positive glutton for work, anywhere and take almost any job.
The Land-Rover in open trim, with canvas hood, hood-sticks and side-screens removed. The windscreen can be folded flat.

The Land-Rover with canvas hood and side-screens in position.

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SPECIFICATION

ENGINE. Flexibly mounted on rubber at four points. 4-cylinder, water-cooled, inclined at 25°. Maximum B.H.P. 52 at 4,000 r.p.m., compression ratio 6:1:1. Nickel chrome steel three-bearing counter-balanced crank-shaft of ample dimensions. Camshaft in crankcase driven by double roller short chain with hydraulic tappets. Firing order 1-3-4-2.

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

PISTONS. aluminium. Inserted V-shaped head to conform to patent design of semi-spherical combustion chamber giving increased compression turbulence. Two compression rings and two scraper rings fitted.

CLUTCH. Single dry plate, 9 in. (230 mm) diameter.

DYNAMO. Automatic voltage regulator, 12v.

STARTER. Operates on flywheel.

CARBURETTOR. Downdraft.

PETROL FILTER. Mounted on engine side of dash.

AIR CLEANER. Centrifugal and oil-bath type.

TRANSMISSION. Provided for eight forward speeds and two reverse. Transmission to rear and front axle by open propeller shaft via two-speed transfer box.

BRAKES. Hydraulically operated foot brake requiring very light pedal pressure and independent adjustment. Mechanically operated handbrake on rear transmission shaft to rear axle.


FRONT AXLE. Fitted with differential similar to rear axle. Drive to front wheels through totally enclosed universal joints.

COOLING SYSTEM. Pump and fan, thermostatically controlled. Capacity 25 pint (14.5 litres).

LUBRICATION. By pressure from gear type pump forcing oil to all bearings, timing chain and valve gear. Capacity 10 pints (5.5 litres).

GEARS. Four forward speeds and reverse. Two-speed transfer box in conjunction with main gearbox gives eight forward speeds and two reverse. Ratios:

Main

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<tr>
<th>Transfer Box</th>
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<tr>
<td>Gearbox</td>
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<td>Third gear</td>
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<td>Fourth gear</td>
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<td>Reverse gear</td>
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IGNITION. Coll and battery, automatic advance. Battery 12v. 51 amp hr.

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

STEERING. Worm and nut, 15:1 ratio. Right or left-hand steering as required.

FUEL SUPPLY. 100 gallons (45 litres) tank under right-hand seat.

SPRINGS. Semi-elliptic front and rear. Torsion bar type shock absorbers front and rear.

WHEELS. Detachable disc wheels with 16 in. x 6-00 tyres.

DIMENSIONS. Overall width 62 in. (1.57 m) approx. Overall length 180 in. (4.57 m) approx. Wheelbase 86 in. (2.18 m). Track 36 in. (91.4 cm). Height, unladen, 76 in. (1.93 m). Weight, unladen, 2,700 lbs. (1.225 kg). Turning circle 37 ft. (11.28 m). Payload 1,000 lb. (454 Kgs), and driver and two passengers.

INTERNAL BODY DIMENSIONS. Length between cappings 43 ft. (1.30 m). Width between cappings 55 in. (1.40 m). Height of wheel-arch 8 in. (203.2 mm). Width of wheel-arch 12 in. (304.8 mm).

DRAW BAR PULL. 1,200 lb. to 2,000 lb. (545 to 907 Kgs).

REAR POWER TAKE-OFF. (At extra cost). Drive through back of main gearbox to rear of chassis. Can be fitted to give pulley drive for threshers, corn cutters, cranes, etc., or shaft drive for power mowers, binders, combine harvesters, etc.

CENTRE POWER TAKE-OFF. Arranged to drive (by V-belts) compressor, generator, crop sprayers, and other portable equipment which can be mounted in the body.

BODY. Body panels of non-corrodible light alloy, all external steel fittings heavily galvanised.

RANGE OF COLOUR FINISHES.

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<tr>
<th>Bodywork</th>
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