

This press pack accompanied the launch of the short-wheelbase Land Cruiser II in 1988. Changes to the model during its time on sale can be tracked using the Timeline feature on the Land Cruiser archive web page. More information about the Land Cruiser range can be obtained from the Toyota press office.

# TOYOTA

## TOYOTA LANDCRUISER II

The new, short wheelbase Landcruiser II is, of course, closely related to its longer Toyota relative. The four wheel drive off-road vehicle has come a long way from its original concept as a utilitarian or military vehicle with no concessions to driver and passenger comfort. This fact is epitomized by the Landcruiser II - a striking 2.4 litre turbocharged diesel model which is just as at home on the motorway or around town as it is on the farm or deep in the country.

This model has been around in Europe and other markets for some time and has proved immensely popular. Designed to provide great comfort and reliability in all driving conditions, the Landcruiser II has a five speed manual transmission with instant selection of four wheel drive and limited slip differentials on both axles. Suspension is by coil springs.

The Landcruiser II is certainly imposing with bright, chrome bumpers and 7JJ x 15 inch wheels. Getting in and out is made easy by side 'running boards' and a step at the base of the rear door. The spare wheel which is located on the rear offside door is fitted with a hub nut type wheel lock operated by the vehicle's master key.

The interior is comprehensively equipped with plenty of room for five. An electric steel sunroof increases the already light and airy feeling, windows are electrically operated and the power assisted steering has a tilt adjustable column. There are plenty of passenger grab handles and oddments space. In addition to the very efficient heating and ventilation system controlled from the fascia, there is a built-in rear seat system with separate temperature control and Hi-Lo-Off settings.

The speedometer, rev. counter, fuel, oil, temperature and battery gauges are supplemented by an altimeter and inclinometer. The rear seat is a bench-type which can be folded forward for maximum luggage capacity. Tie down hooks are provided on the luggage area floor for securing loads properly.

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## PRESS INFORMATION

The type 2L-T engine displaces 2,446 cc and produces 84 bhp/4000 rpm. Torque is 138 lb ft/2,400 rpm. This engine uses swirl-type combustion chambers and a stronger crankshaft with a bigger pin diameter and eight balance counter weights to reduce noise and vibration.

Toyota's own lightweight and compact turbocharger uses exhaust gasses to rotate the exhaust air turbine, driving the compressor on the same axle. This increases intake air pressure for greater charging efficiency. A waste gate valve is fitted so that when the compressed air pressure exceeds a certain point, the valve can control the maximum intake pressure by bypassing exhaust gasses.

Suspension has been developed in order to maintain high rigidity and durability while improving ride comfort, control and stability. At the front, the rigid axle is located by leading arms, coil springs and a lateral link. The system at the rear is similar but with trailing links. Furthermore, to maintain shock absorber efficiency and guard against axle wind-up, the shock absorbers are 'bias mounted' with the nearside damper mounted aft of the axle and the offside damper mounted forward of the axle.

The 4WD transmission system is similar to that employed in the Toyota HiLux pick-up. To engage 4WD the front hubs must be manually locked and the auto transfer button depressed. There is no centre differential although high and low ratios may be selected by a lever adjacent to the gear lever.

## TOYOTA LANDCRUISER II

### Specifications

#### Engine

type	4 cylinder turbo diesel, OHC.
bore and stroke	92 mm x 92 mm
displacement	2446 cc
compression ratio	20 : 1
power/engine speed	84 bhp/4,000 rpm
torque/engine speed	138 lb ft/2,400 rpm

#### Body

overall length	4060 mm
overall width	1790 mm
overall height	1885 mm
ground clearance	210 mm
wheelbase	2310 mm
kerb weight	1810 kg
luggage capacity	11.7 cu ft (seat up)/42.7 cu ft (seat down)
fuel tank	90 litres

#### Transmission

5 speed manual with high and low ratios. Limited slip differentials.

#### Maximum speed

80 mph

0-60 mph

25 secs.

#### Fuel consumption

urban cycle	23.3 mpg (12.1 l/100 km)
constant 56 mph	29.4 mpg (9.6 l/100 km)
constant 75 mph	18.2 mpg (15.5 l/100 km)

#### Towing capacity

2000 kg (with brake)