

LR DEFENDER 6X6 HC



The Land Rover Defender 6x6 H C Tandem Walking Beam suspension consists of a heavy duty tandem axle that can be installed on to a donor 110 or 130 chassis, converting the rear axle into a powered tandem axle walking beam suspension.

Main features: Dynamic off road capability, vastly improved vehicle stability, 3000 kg load carrying capacity , permanent six wheel drive, increased overall braking capacity, a tried and tested system.

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The Defender HC provides improved features with class leading control , load carrying and comfort of ride and high speed driving on rough terrains.

The walking beam system:

When crossing any obstacle in high speed driving, the movement falls mainly on the walking beam, and the body of the vehicle absorbs only half of the movement.

That definitely improves the quality of the ride. When the rear of the vehicle becomes airborne, the rear spring and shock absorber push down the rear wheel and the landing is first on the rear wheel, then on the middle one. Finally, the trailing arm is pushed up, supported by both shock absorbers, making the landing quite soft– providing good ride quality,

It should be noted that the fitting of the walking beam axle does not alter the vehicle’s standard turning circle.

MAIN FEATURES

1. Improved mobility, particularly over rocks, and other very rough terrain, by reducing the vehicle wheel base.
2. Dramatic improvement of slope climbing ability.
3. Improved vehicle angle of departure.
4. One and a half times increased payload capacity.
5. Improved vehicle stability and braking ability.
6. Increase of existing vehicle end of life program.
7. Half track capability by the fitting of overtracks .
8. Cost effective and without compromise.



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