Lifting

Vehicle on Wheels - Four Post Ramp

WARNING: If the drive shaft(s) are to be disconnected, it will be necessary to raise all four wheels off the ramp in order that the shaft(s) can be rotated. If the wheel free facility is not to be used, raise the vehicle off the ramp using suitable equipment. With the vehicle raised, position axle stands in the positions shown for the front and rear support blocks - see illustration in Jacking. With the axle stands positioned, release the parking brake and select NEUTRAL 'N' in the main gearbox.

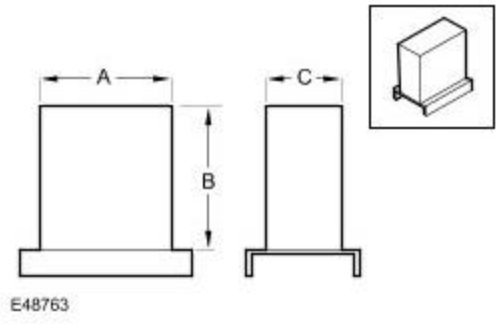
WARNING: Do not push the vehicle bacwards and forwards along the ramp in order to gain access to the drive shaft fixings.

Position the vehicle on the ramp with the front and rear of the vehicle equidistant from the ends of the ramp. Chock the wheels, select NEUTRAL in the main gearbox and where practicable, apply the parking brake.

Wheel Free Lift - Four Post Ramp

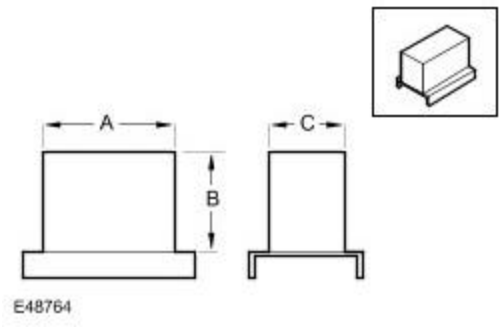
NOTE:

To enable the vehicle to be supported correctly on the wheel free longitudinals, it will be necessary to produce 2 off each of the support blocks to the dimensions given in the accompanying illustrations. The supporting part of each block must be manufactured from suitable hardwood or metal and the 'U' shaped base of each block must be manufactured from metal. Note that it is essential to ensure that the 'U' shaped base of each block is wide enough to fit over the wheel free longitudinals.



Front Support Block Dimensions

- 'A' = 127.0 mm (5.0 in)
- 'B' = 146.0 mm (5.75 in)
- 'C' = 89.0 mm (3.5 in)



Rear support block dimensions

- 'A' = 152.0 mm (6.0 in)
- 'B' = 101.0 mm (4.0 in)
- 'C' = 76.0 mm (3.0 in)

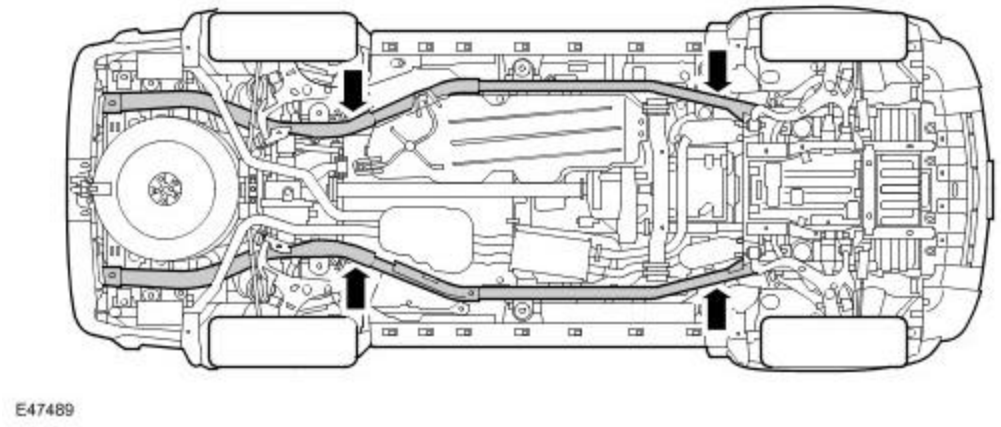
Raising and Supporting the Vehicle

1. Position vehicle on ramp.

2. Position suspension in 'off-road' height.

3. Apply parking brake.

4. Raise ramp to desired height.



5. Align the wheel free longitudinals beneath the body frame longitudinals and position the support blocks beneath the longitudinals in the positions shown.

CAUTION: Ensure that the front and rear support blocks are correctly oriented to front and rear of vehicle.

6. Engage wheel free and lower ramp slowly until weight of vehicle rests on support blocks and road wheels are just clear of ramp.

7. Ensure that the vehicle is correctly supported on all four support blocks, that blocks are still correctly positioned and are in full contact with the body frame longitudinals.

8. Lower the ramp.

WARNING: Make sure that the vehicle is stable before commencing work.

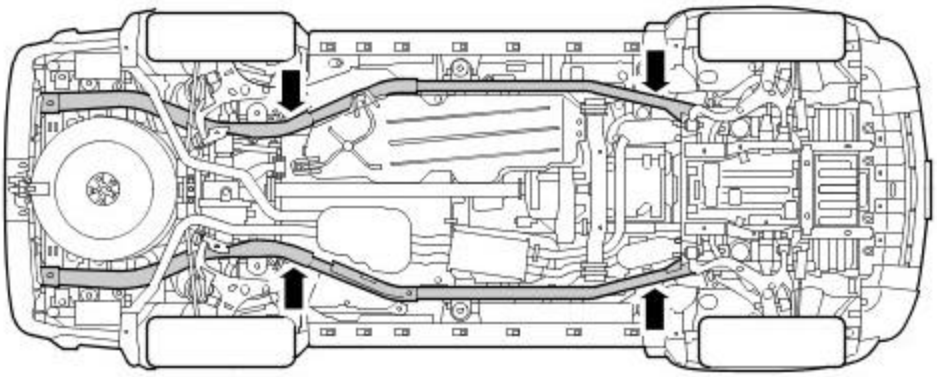
NOTE:

Return the suspension to 'normal ride height' when the vehicle is removed from the ramp.

Two Post Lift

CAUTION: If the drive shaft(s) are to be removed, release the parking brake and select NEUTRAL 'N' in the main gearbox in order that the shaft(s) can be rotated when the vehicle is raised to the desired height.

1. Position the vehicle with the centre of the lift pillars aligned approximately with the front of the driver's/passenger's seat cushions.



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2. Extend the lifting arms and position the pad of each lifting arm beneath the body frame longitudinal lifting points.

3. Raise the vehicle until the wheels are just clear of the ground and check that the pads of each lifting arm are still correctly positioned.

4. Raise the vehicle to the desired height.

5. Ensure that vehicle is correctly supported on all four lifting pads, that pads are still correctly positioned and are in full contact with the body frame longitudinals.

WARNING: Make sure that the vehicle is stable before commencing work.