Tie rods connect the steering cylinder to the spindles. A king pin supports the spindle in the axle housing. Each spindle turns on two bushings and thrust washers. Covers on the top and bottom of the axle housing protect the king pins and bushings from dirt and water.

The wheel hub rotates on two tapered roller bearings. An adjustment nut sets the preload on the bearings. Grease seals in the inner hub and a cover on the hub protect the bearings from dirt and water.

How To Put Lift Truck On Blocks

HOW TO LIFT STEER TIRES

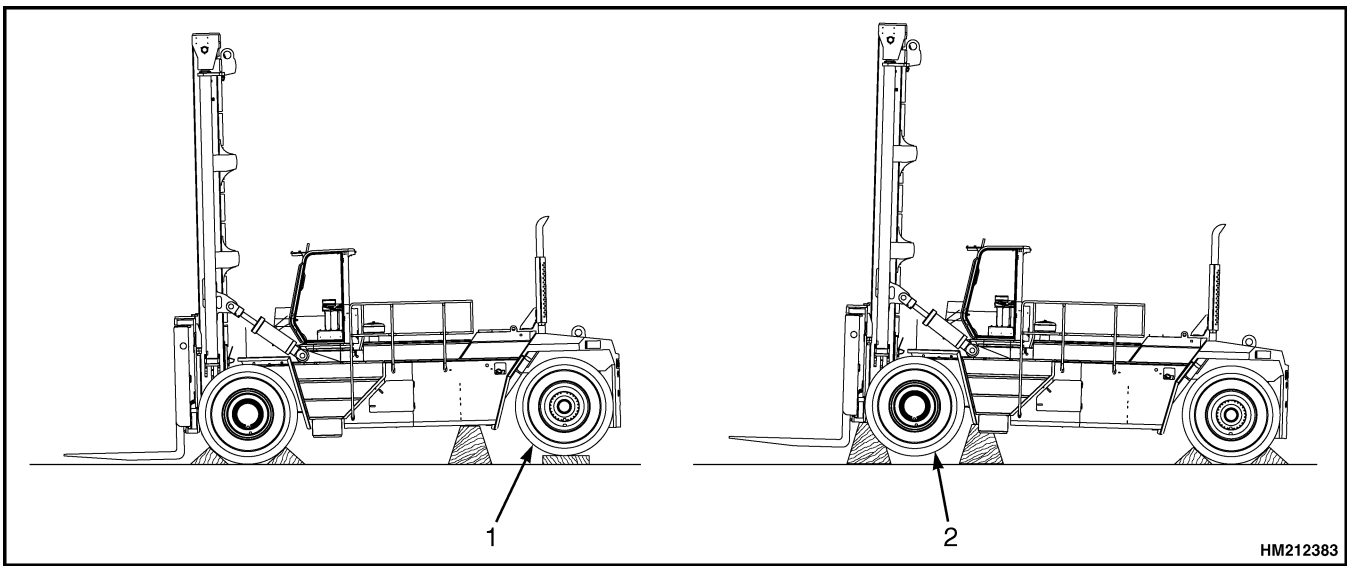
WARNING

The lift truck must be put on blocks for some types of maintenance and repair. The surface must be solid, even, and level when the lift truck is put on blocks. Verify that any blocks used to support the lift truck are solid, one-piece units. Verify the lifting devices used during repairs can lift the weight of the parts and assemblies.

CAUTION

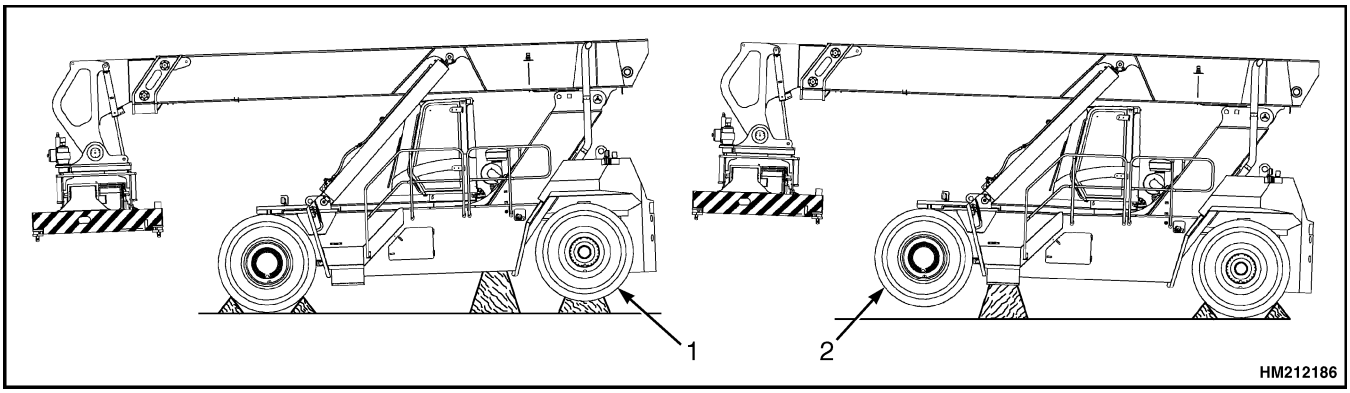
Do not place blocks under fuel or hydraulic hoses.

1. Apply the parking brake. Put blocks on both sides (front and back) of the drive tires to prevent movement of the lift truck. See Figure 2, Figure 3 and Figure 4.
2. Use a hydraulic jack to raise the steering tires. Verify that the jack has a capacity of at least 2/3 of the total weight of the lift truck [approximately 73,900 kg (162,900 lb)] as shown on the nameplate. Put the jack under the steering axle or frame to lift the lift truck. Put blocks under the frame to support the lift truck.



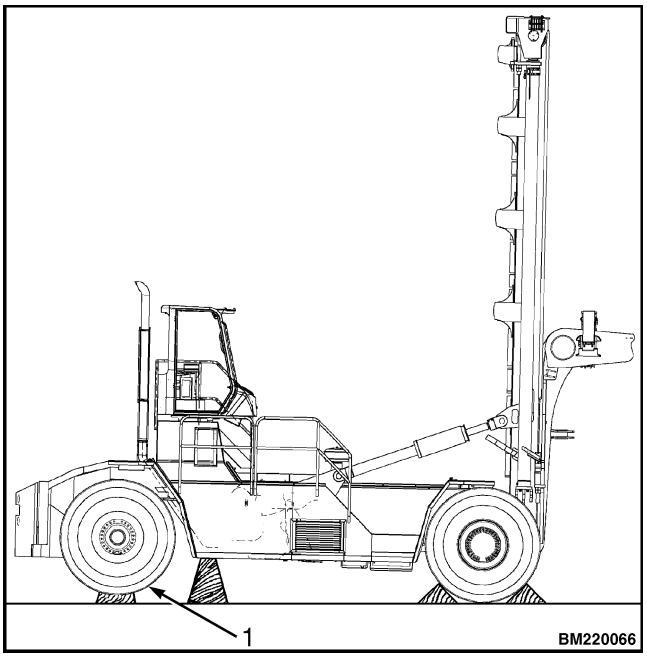
1. STEER AXLE/STEER TIRES
2. DRIVE AXLE/DRIVE TIRES

Figure 2. Put Lift Truck on Blocks (A917)



1. STEER AXLE/STEER TIRES
2. DRIVE AXLE/DRIVE TIRES

Figure 3. Put Lift Truck on Blocks (B222)



1. STEER AXLE/STEER TIRES

Figure 4. Put Lift Truck on Blocks (E117 and F117)