

TOWING VEHICLE FROM THE REAR METHOD

This method is preferred when the proper equipment is not available to perform the wheel lift method and is necessary for wreckers not equipped with an under lift system.

AXLE FORK LIFT METHOD

This is an alternative method for towing the vehicle, but requires standard 5" forks, (see Figures 2 and 3) and designated lift points inside the axle clamp groups. The following procedure must be used:

- Place a spacer on the boom to provide adequate clearance between the oil pan and the boom if necessary. This will provide sufficient room under the axle to locate forks in the proper position.
- Install the fork in the boom properly.
- Position the tow forks directly under the axle, inside the axle clamp groups as shown in Figure 2.

Figures 2 and 3

Proper Tow Fork Location on Inside clamp group on the STEERTEK Axle



- Prior to lifting the vehicle, ensure that the bottom axle plate is flat in the tow fork to minimize any gap between the bottom axle plate and the tow fork. See Figure 4 and 5. It may be necessary to deflate the air in the steer axle suspension, and/or release the tractor brakes. Deflate the steer axle air springs by disconnecting the height control valve linkage and lowering the height control valve linkage arm. This will exhaust the air pressure in the steer axle air springs.

Figure 4 - Without Gap



Figure 5 - With Gap



NOTE

When lifting a vehicle with an under lift boom, care must be taken not to damage the engine's oil pan. Vehicles equipped with a front fairing may require removal of the front fairing prior to towing to prevent component damage.

- Lift vehicle and secure the vehicle to the boom.
- Install safety straps, it is preferred to use nylon safety straps. Chains have a tendency to bind and may cause damage to the axle.