

OPERATING INSTRUCTIONS FOR A DEUER SPARE TIRE HOIST

NOTE: This device or Hoist is designed for manual use with the driving tool only. An impact tool should never be used to drive a Hoist, Damage will result.

TO LOWER SPARE TIRE:

1. 1. Locate access hole in rear bumper or fascia of vehicle, or access to driving feature for hoist.
2. 2. Insert driving tool into access hole until end of driver comes into contact with hoist drive feature. This may be a hex on the end of a drive extension tube, or an actuator feature on the end of hoist drive shaft.
3. 3. Rotate drive tool and hoist drive shaft in a counter clockwise direction until the tire is lowered to the ground.
 - (a). On a "one way" hoist, continue to rotate the drive handle and the hoist drive shaft until a resistance/stop is felt. This resistance/positive "down stop" is designed to stop the winch when it has its cable fully extended. **Do not continue to rotate.**
 - (b). On a "two way" hoist the cable will start to wind back up if rotated past full out, this will not damage the hoist but will shorten the amount of cable extended and usable.
4. 4. Take hold of wheel/tire and pull wheel/tire from under vehicle as far as possible.
5. 5. Some looseness must be left in the cable so that the hoist liftplate (metal part of hoist assembly under wheel attached to hoist cable) can be disengaged from the wheel/tire assembly.

TO ATTACH HOIST LIFT PLATE TO THE WHEEL/TIRE ASSEMBLY:

1. 1. Place wheel/tire close enough to vehicle for hoist cable lift plate attached to reach center of wheel/tire. (Wheel must be positioned so that tire valve stem is on bottom side, pointing to ground.)
2. 2. Fold cable over on the lift plate if necessary, and insert through the hole in wheel. Make sure lift plate is all the way through wheel.

3. 3. Pull wheel/tire rearward, away from vehicle so that hoist cable is taut/tight, and lift plate has wheel opening on the steps of the lift plate.

TO RAISE AND STOW THE WHEEL/TIRE ASSEMBLY:

1. 1. Insert driving tool into hole in rear of vehicle, or access to driving feature for hoist, and push in until engaged in the driving feature of hoist. This may be a hex on end of a drive extension tube, or an actuator feature on the end of the hoist drive shaft.
2. 2. Rotate drive tool clockwise until wheel/tire assembly is pulled under vehicle, and is pulled up against bottom of vehicle.
3. 3. Continue to rotate in the clockwise direction until at least two crisp breaks are felt, and or clicks are heard. This “stows” the wheel/tire, by forcing the hoist clutch through an “overload” condition.
4. 4. This has now raised the wheel/tire up under the vehicle and “stowed” it with the proper force to hold the wheel/tire assembly in place during vehicle use. Always check wheel/tire assembly for looseness by pushing against or shaking from underneath. Hoist cannot be over tightened.