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OPERATING INSTRUCTION FOR A TECA 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 may result.

TO LOWER SPARE TIRE:

1. Locate access hole in rear bumper or fascia of vehicle, or access to driving feature for hoist.
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. 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 the cable is 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. Take hold of the wheel/tire and pull wheel/tire from under the vehicle as far as possible.

5. Some looseness must be left in the cable so that the hoist lift plate (metal part of hoist assembly under the wheel attached to the hoist cable) can be disengaged from the wheel/tire assembly.

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

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

TO RAISE AND STOW THE WHEEL/TIRE ASSEMBLY:

1. Insert driving tool into the hole in the rear of vehicle, or access to the driving feature for hoist and push in until engaged in the driving feature of hoist. This may be a hex on the end of a drive extension tube or an actuator feature on the end of the hoist drive shaft.
2. Rotate the drive tool clockwise until wheel/tire assembly is pulled under the vehicle and is pulled up against the bottom of the vehicle.
3. Continue to rotate in a clockwise direction until at least two crisp breaks are felt or until clicks are heard. This “stows” the wheel/tire by forcing the hoist clutch through an “overload” condition.
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.

Respectfully Submitted:

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