OFF-ROAD KIT Instructions

The Hi-Lift® OFF-ROAD KIT provides several items which make winching with a Hi-Lift® Jack simpler and more efficient. (Depending on each individual situation, some additional items may be needed for winching.)

Assembly Instructions of Winch Jack Attachment Bracket & Chain

- Attach end link of provided 3/8 26-link chain between gap in bracket sleeves and secure with 3/8" bolt and nut.
- Attach 3/8" Grab Hook with Clevis Pin at opposite end link of chain. Secure with cotter pin.
- 5/16" Bolt and Nut will be used for securing above assembly to nose of Hi-Lift® Jack. SEE STEP 2

Assembly Instructions of Winch Tensioner Bracket & Chain

- Attach end link of provided 3/8 15-link chain between gap in which tensioner bracket and secure with 3/8" bolt and nut.
- Attach 3/8 Grab Hook with Clevis Pin at opposite end of link of chain. Secure with cotter pin.
- ½" Bolt and Nut will be used for securing above assembly to the Hi-Lift® Jack steel bar. SEE STEP 1

Winching Steps

Step 1
Remove foot-piece cotter pin and foot-piece. Attach Winch Tensioner using ½" Bolt and Nut. Re-attach foot-piece using included quick-release pull pin (for easier removal of the foot-piece). *Reaming the hole in the foot-piece may be required using a ¼" drill bit.

Step 2
Attach Winch Jack Attachment Bracket over the Hi-Lift® Jack lifting nose. Secure using 5/16" Bolt and Nut.

Step 3
Wrap the Tree Strap around the stable/sturdy tree or stationary object. Bring both of the looped ends of the tree strap together. Pull your 3/8" chain (not included) through the two loops of the Tree Strap and secure the 3/8" chain to itself (Grab Hook suggested). Always use Tread Lightly® principles when winching off-road.

Step 4
Ensure that the Hi-Lift® Jack Top-Clamp is in line with the Hi-Lift® Jack Steel Bar before attaching the D-Ring Shackle. Place the D-Ring Shackle through the Hi-Lift® Top-Clamp and secure it with the D-Ring Shackle Bolt.

Step 5
Attach one end of your 3/8" chain or tow strap (not included) to the vehicle to be winched. Slip the opposite end of your chain/tow strap through the D-Ring Shackle and secure.

Step 6
Attach the Winch Jack Attachment Bracket to the 3/8" chain (not included) securing with the Winch Jack Attachment Bracket Grab Hook. You can tighten the rigging by "choking" the chain (shortening it) and connecting the hook to an appropriate link.

Step 7
With all the pieces attached/secured and the Hi-Lift® Jack Reversing Latch in the "up" position, begin operating the Hi-Lift® Jack Handle. This will begin tightening the chains/tow straps and winch the vehicle. Continue winching the full length of the Hi-Lift® Jack Steel Bar (one full winching cycle).

Step 8
Attach Winch Tensioner Grab Hook to the 3/8" chain beyond the Winch Jack Attachment Grab Hook.

Step 9
Reverse the Hi-Lift® Jack Reversing Latch to remove tension from the Winch Jack Attachment… transferring the tension to the Winch Tensioner. Return the Hi-Lift® Jack Running Gear toward the base of the Hi-Lift® Jack. The full tension is now on the Winch Tensioner.

Step 10
Re-attach the Winch Jack Attachment Grab Hook beyond the Winch Tensioner Grab Hook. Reverse the Hi-Lift® Jack Reversing Latch to begin winching cycle again. This removes the tension from the Winch Tensioner transferring it back to the Winch Jack Attachment.

Steps 7 through 10 may need repeated several times before vehicle recovery is complete. Once out, go back and repair the trail damage, replace the rocks and log pieces off the trail.

Operational Safety Information

WARNING! The working load of each chain, tow strap, or attachment device must be greater than the winching strength of the Hi-Lift® Jack (5,000 lbs.). If a chain or tow strap breaks while winching, the load could shift or the chain or tow strap could snap back. When used as a winch, the Top-Clamp will support up to 5000 lbs. (2273 kg). If you go over this limit, the Top-Clamp could bend or break, causing the load to shift or the chain or tow strap to snap back. If that occurs, it could result in damage, injury or even death.

- Maintain and operate Hi-Lift® Jack per instructions provided with it. If you do not have a copy of the Hi-Lift® Jack instructions.
- Always inspect winch equipment and Hi-Lift® Jack before performing any operations to insure safe condition.
- The vehicle will begin to move as you jack/winch. Be careful it doesn't roll over you and watch closely the tires and steering, keeping it aligned to where you want to go.
- Always chock vehicle when jack and winch equipment are under load.
- When winching vehicle keep everyone at a safe working distance from the equipment & vehicle.
- All user supplied equipment must MEET or EXCEED Hi-Lift® Jack rated capacity (4660 lbs/2267 kg).
- Winch Jack Attachment capacity: 5000 lbs/2273 kg
- 2" Nylon Tree Strap capacity: 5000 lbs/2273 kg

Model #ORK (Included Items):

2 ea. 3/8" Grab Hook w/ Clevis Pin
1 ea. 3/8" G40 Chain (26-link)
1 ea. 3/8" G40 Chain (15-link)
1 ea. ½" Bolt and Nut
1 ea. Quick Release Pin
1 ea. 5/8" D-Ring Shackle
1 ea. 2" Nylon Tree Strap (8' length)
1 ea. Winch Jack Attachment Bracket
1 ea. Winch Tensioner Attachment Bracket
1 ea. 5/16" Bolt and Nut
2 ea. 3/8" Bolt and Nut
1 pr. Hi-Lift® Gloves
1 ea. Hi-Lift® Gear Bag

Items Not Included in ORK:

3/8" Chain with Holding Hooks (Approx. 25 Feet)

Tools Required for Assembly:

2 ea. 9/16" Wrenches
2 ea. ½" Wrenches
2 ea. ¾" Wrenches
1 ea. Pliers
1 ea. Drill and ¼" Bit