

HOIST-A-TOP® CRANK



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Parts list for Crank Accessory



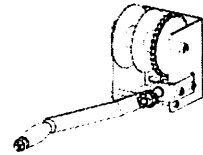
2 single line pulleys

1 double line pulley



1 43 foot cable

1 crank unit



One hardware bag
containing:

6 wire cable clamps



2 wire thimbles



12 wood screws for
attaching pulleys



2, 3 inch lag screws for
attaching crank to the wall



Tools and supplies needed:

9/16 socket

11/16 socket

5/16 socket or nut driver

Electric screw gun

Stud finder (optional)

Level (optional)

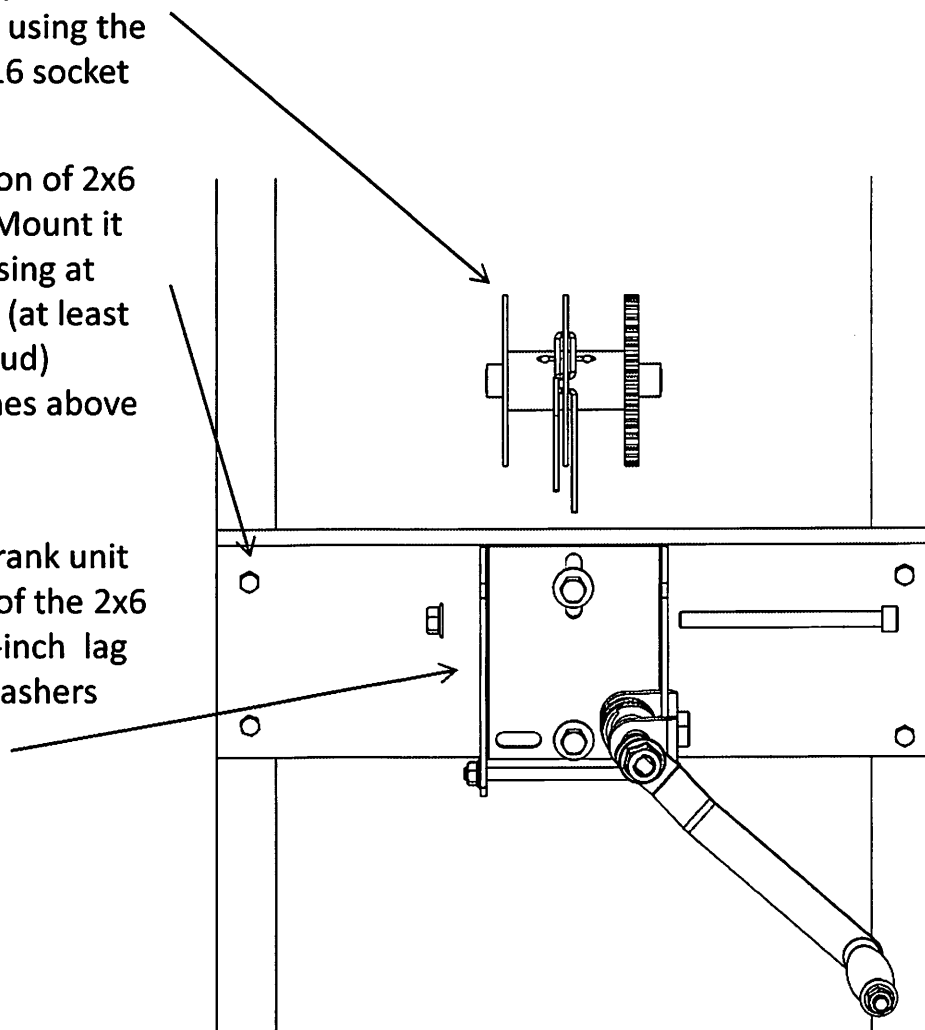
2x6 8 feet . (If your studs are
not at 16 inch centers you
will need a longer 2x6.)

3.5 to 4 inch long screws to
attach the 2x6 to your wall
and ceiling. (approx. 20)

CAUTION:
Tighten all bolts securely
Before lifting top!!

Installation of the crank unit

1. Remove the spool from the crank unit using the 11/16 and 9/16 socket
2. Cut one section of 2x6 to 20 inches. Mount it to your wall using at least 4 screws (at least two in each stud) approx. 50-inches above the floor.
3. Mount your crank unit to the center of the 2x6 using the 2 3-inch lag screws and washers provided.



Ceiling

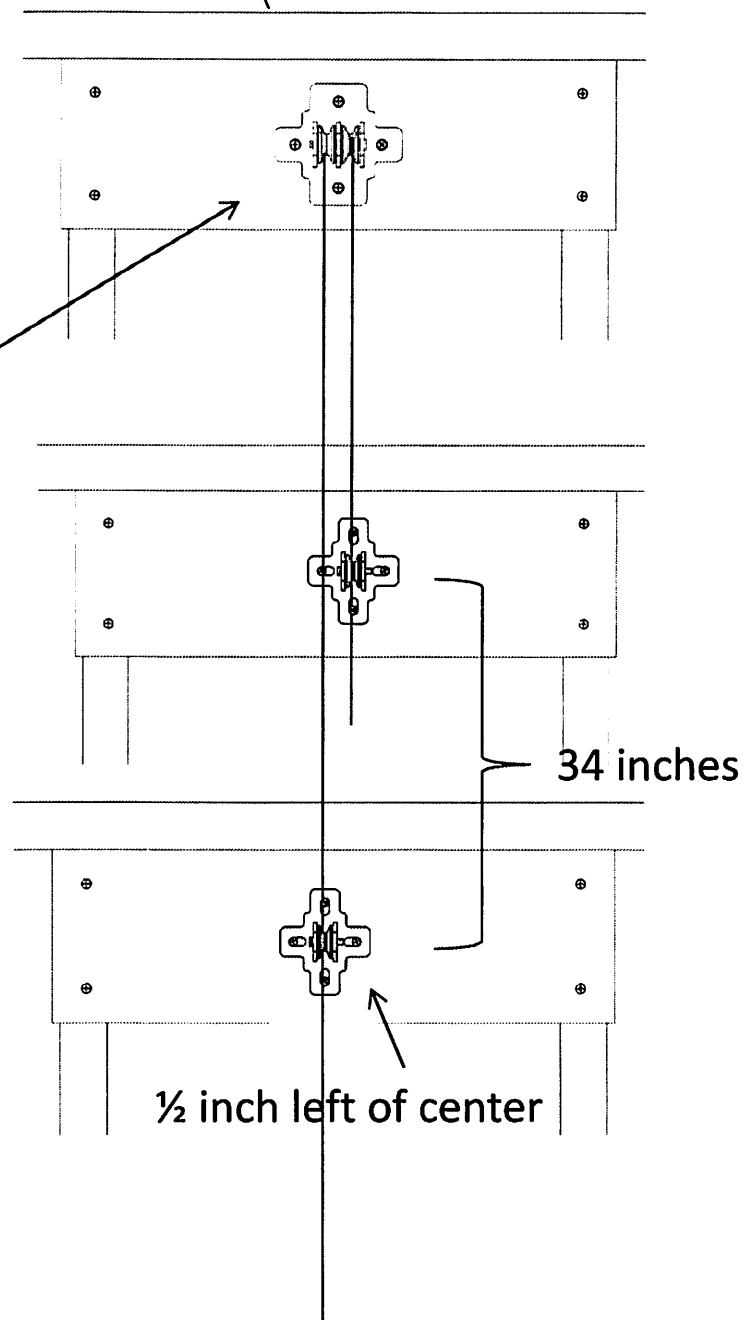
Parallel stud installation

Determine if your studs run perpendicular or Parallel with your garage door. If your studs run perpendicular to (or the opposite direction as your garage door).

1. With the mounting screws provided, mount the double pulley and one of the single pulleys in the center of your 2x6.
2. Mount the second single pulley $\frac{1}{2}$ inch left of center on the 2x6. This will allow the second cable to run along the ceiling without interfering with the other cable.

Hint:

It may be easier to put in the screws when the wheels are removed

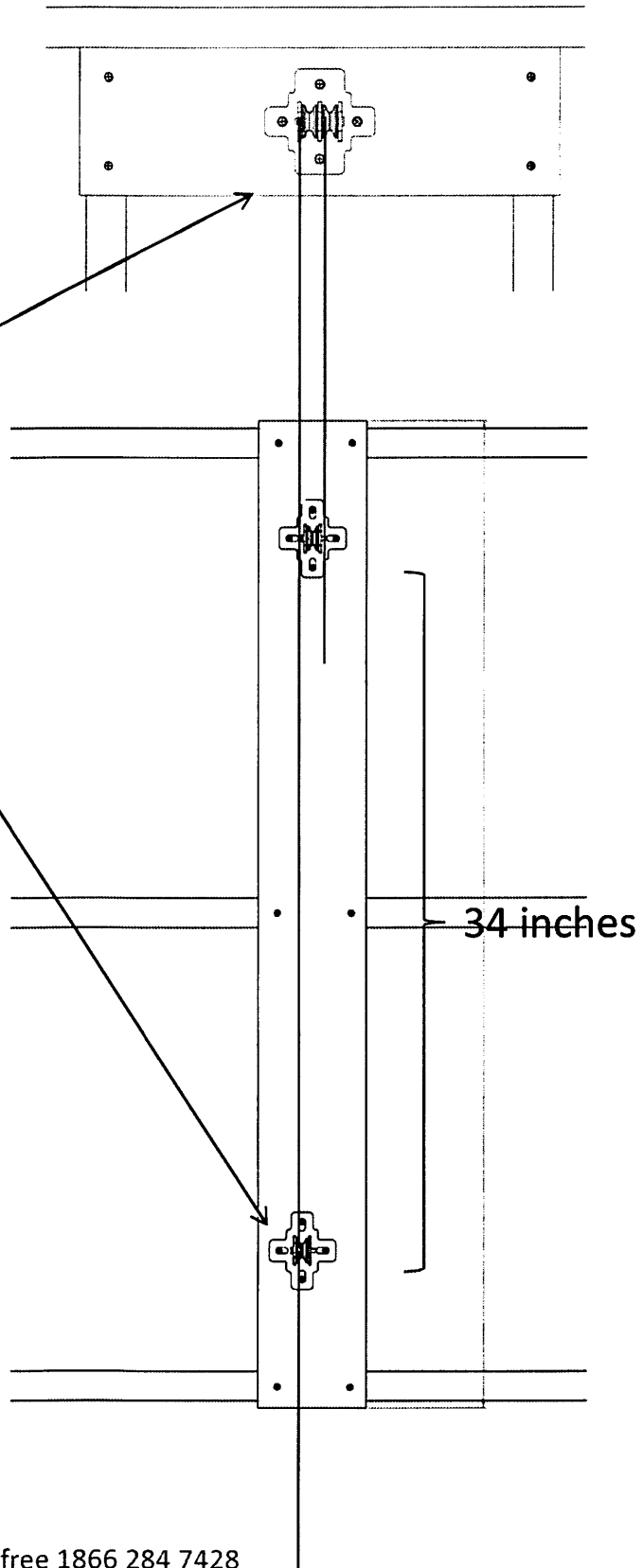


Ceiling

Perpendicular stud installation

If your beams run perpendicular to your garage door you need to run your 2x6 piece differently

1. Mount the double pulley on a 20 inch 2x6. You can mount your double pulley on the ceiling or at the top of the wall. Attach your 2x6 to three studs in line with the double pulley in the corner of the wall. The distance between the double pulley and the first single pulley can be custom to your garage.
2. Cut your 2x6 approximately 50 inches long.
3. With the provided hardware attach both single pulleys on the 2x6 34 inches from each other. Make the first pulley on center and the second pulley $\frac{1}{2}$ inch left of center. This will allow the cables to run next to each other without interference.



Installing the cable

1. Unclip the wire bundle and stretch out the wire. The cable is 43 feet in total. 23 feet for the right side of the drum (the strap side) and 20 feet for the left side of the drum (the hook side)
2. Mark the cable at the 23 foot line with a marker or piece of tape. Center your mark in one of the large holes and lace one of each side of the cable through the two smaller holes. You should finish with the longer cable on the right side of the spool.
3. Loop both wire ends through the double pulley in the corner of the ceiling. Take care that the cables don't cross and that the long side stays on the right pulley and the shorter side stays left.
4. Pull the left side cable (the shorter cable) through the middle single pulley in the ceiling. This line will be for the rear of the lifting frame.
5. Pull the right side cable (the longer cable) through the front pulley (this should be the pulley that was installed 1/2 inch left of center) This cable will attach to the front of the lifting frame.
6. Attach the cables to the front and rear using the wire thimbles and clamps. Use the farthest back hole for the second lifting point.

