

Ceiling-Mounted Lift Storage Rack Installation Guide

- 4X4 inch Wire Mesh Version -

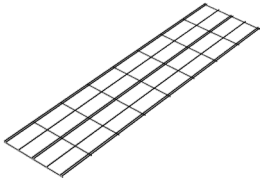












Please read carefully before use

- Accessories List

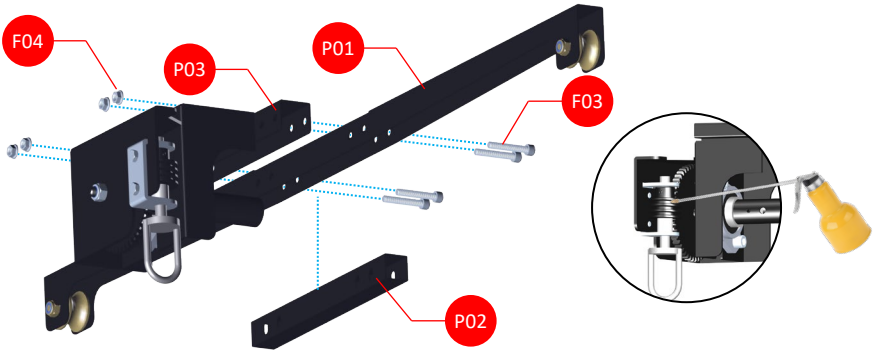
NO.	Picture	QTY	NO.	Picture	QTY
P01		2	P02		2
P03		1	P04		1
P05		2	P06		1
P07		2	P08		1
P09		2	P10		4

- Accessories List

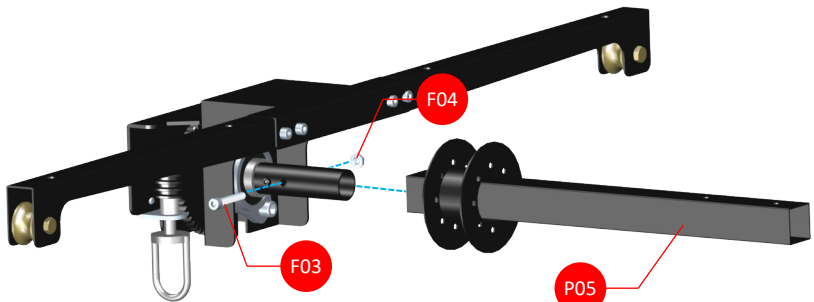
NO.	Picture	QTY	NO.	Picture	QTY
P11		4	P12		2
P11		1	F01		8
F02		8	F03		16
F04		28	F05		9
F06		8	T01		1
			T02		1

- **Installation of the Winch System**

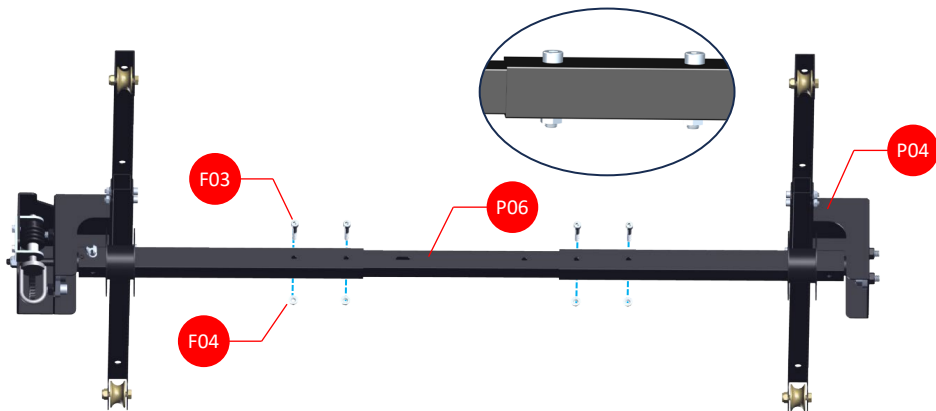
Step 1 Insert the support tube P02 into the fixed brackets P01, then align the bolt holes on the winch drive unit P03 with those on the fixed brackets and support tube. Secure the entire assembly by tightening bolt F03 and flange nut F04 with a wrench. **Note: Before installing the winch drive unit, apply gear oil to the engagement area of the worm gear and worm wheel in the winch.**



Step 2: Mate the spool shaft P05 coaxially with the winch drive shaft, aligning the bolt holes manually. Tighten bolt F03 and flange nut F04 using a wrench.



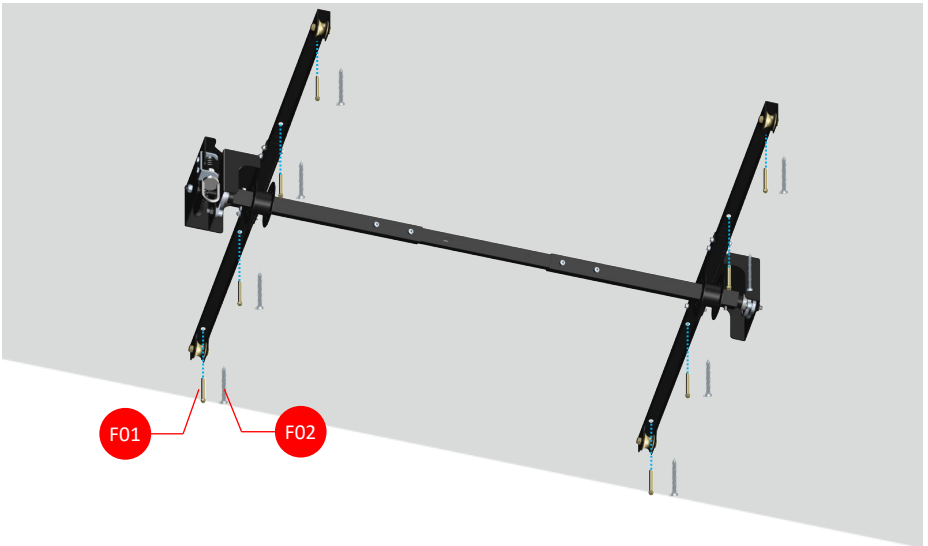
Step 3: Insert connecting tube P06 into the shaft, then assemble the opposite-side winch P04 by repeating Steps 3 and 4. Adjust the connecting tube to align the bolt holes, and secure with bolt F03 and flange nut F04 (anti-loosening type) using a torque wrench.



Step 4: Measure the hole spacing on the fixed brackets of the assembled winch frame, and mark the drilling positions on the ceiling. Use an electric drill to create pilot holes for the expansion bolts.

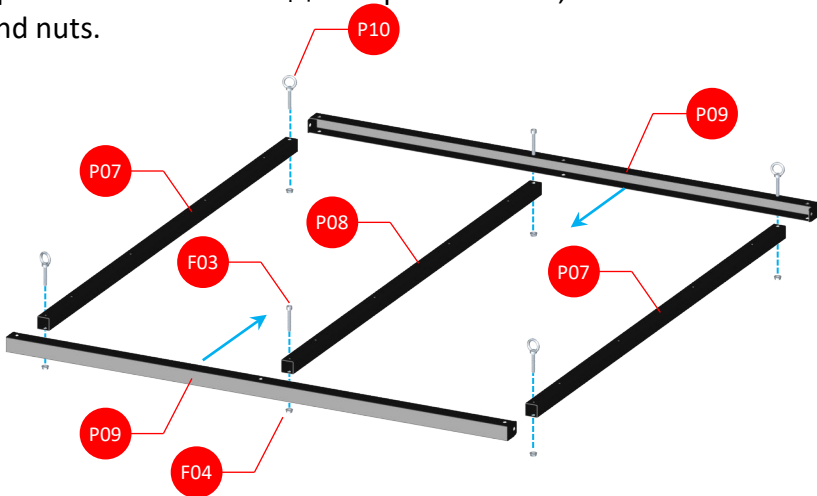


Step 5: Secure the winch frame to the ceiling using expansion bolts F01 or wood screws F02.

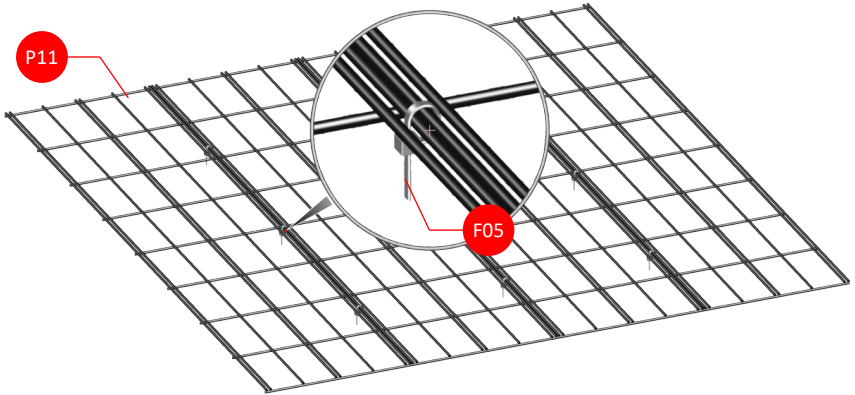


- **Assembly of the Rack System**

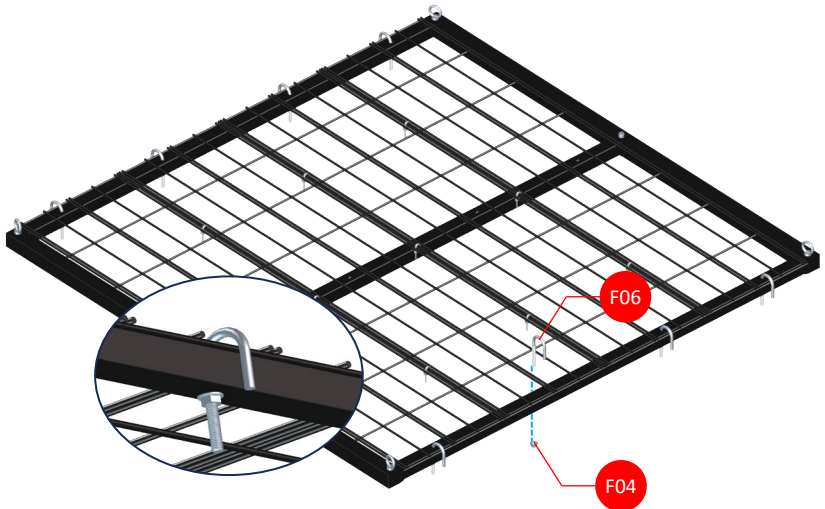
Step 1: Assemble two square tubes P07, one square tube P08, and two open tubes P09 into a "□"-shaped structure, and fasten them with bolts and nuts.



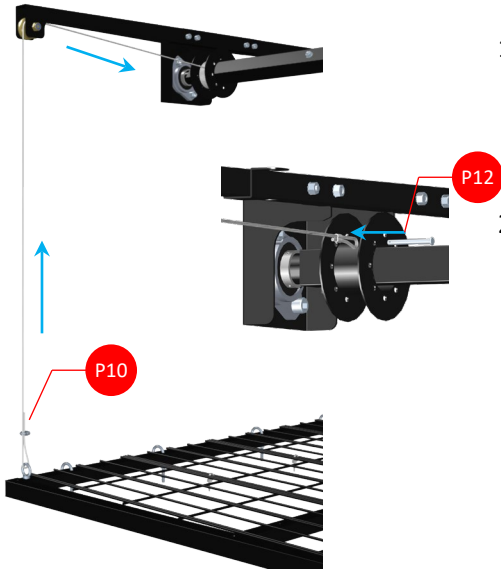
Step 2: Arrange the three wire racks P11 in a side-by-side configuration and securely connect them between each adjacent pair using nylon cable ties F05.



Step 3: Place the wire racks connected in Step 2 on top of the "□" shape frame and secure them with U-bolts and nuts..



- Threading the Winch Cable



1. Thread the opposite end of wire rope P10 through the pulley hole in the direction of the arrow, then wind it onto the spool.
2. Insert pin P12 through the flange hole on the spool, pass it through the wire rope sleeve, then through the opposite flange hole. Secure by inserting a split pin into the retaining hole of pin P12, and bend over the split pin legs using pliers.

- Height Adjustment Procedure (Up/Down)

