



PIERCE

PULLING FOR YOU

Owner's Manual:
1T CHAIN HOIST
PS6582K



PIERCE ARROW INC.
549 U.S. HWY 287 S.
HENRIETTA, TEXAS 76365

TOLL FREE 800-658-6301

FAX 940-538-4382

www.PierceArrowInc.com
www.YouTube.com/PierceArrowInc



Check out our product videos on YouTube.



WARNING

The winch is not intended to be used in any manner for the movement or lifting of personnel.

SPECIFICATIONS

Part Number: PS6582K

Duty Cycle: 25% ED at 63% of rated load

Drive Group: FEM: 9,511 1Bm, ISO: 4301-1 M3

Voltage: 100 – 120V, single phase

Lifting Load: 1T

Lifting Height: 10' (3 m)

Type of Fall: Double

Motor Output: 100 – 120 V / 750w, 9.5A permanent magnetic

Line Speed: 10.4 fpm (3.2 m/min)

Brake: Dual brakes of double mechanical ratchet pawls and motor dynamic brake

Gear Ratio: 70.2 :1

Load Chain: Grade 80– Links 1/2" dia x 3/4" long (6.3 mm dia. x 19 mm long)

Hoist weight: 42.5 lb. (19.3 kg)

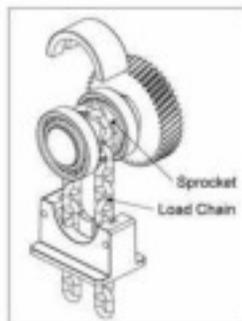
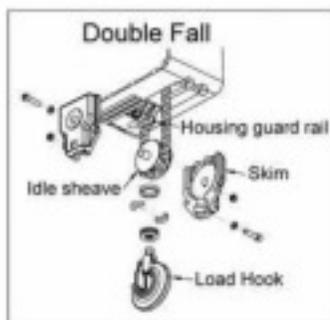
Gross weight: 70.5 lb. (32 kg)

Box dimension: 15" x 16.14" x 13.58" (380 x 410 x 345 mm)

INSTALLATION

Before using the hoist, make sure all electrical components have no corrosion or damaged; the environment should be clear and dry.

CHAIN REPLACEMENT



1). Be sure that the replacement chain is the exact size, grade and construction as the original chain. The new load chain must have an odd number links so that both its end links have the same orientation.

Destroy the old chain to prevent its reuse.

2). When replacing load chain, check for wear on mating parts such as sprocket and replace parts if necessary.

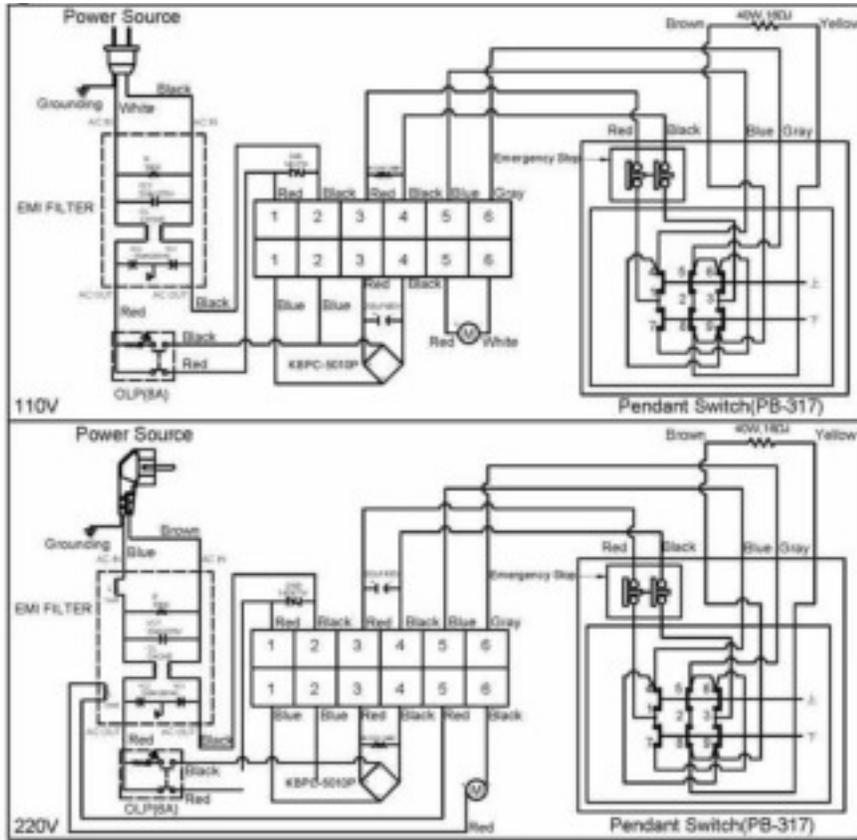
3). Remove all chain components including load hook kit from the old chain for reuse on new chain.

Inspect and replace any damaged or worn parts.

4). Feed the end link on the load side of the new chain through the require chain components and idle sheave of load hook. Attach the remaining chain components to the chain guide rail for the proper locations.

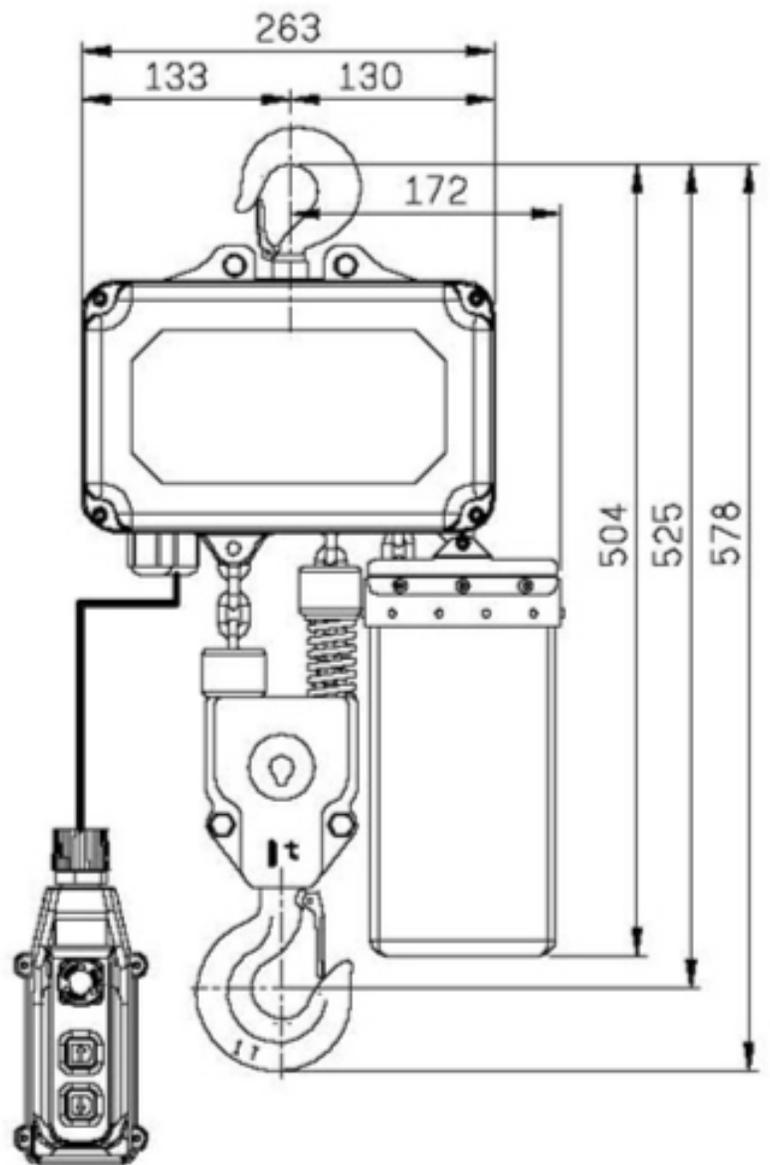
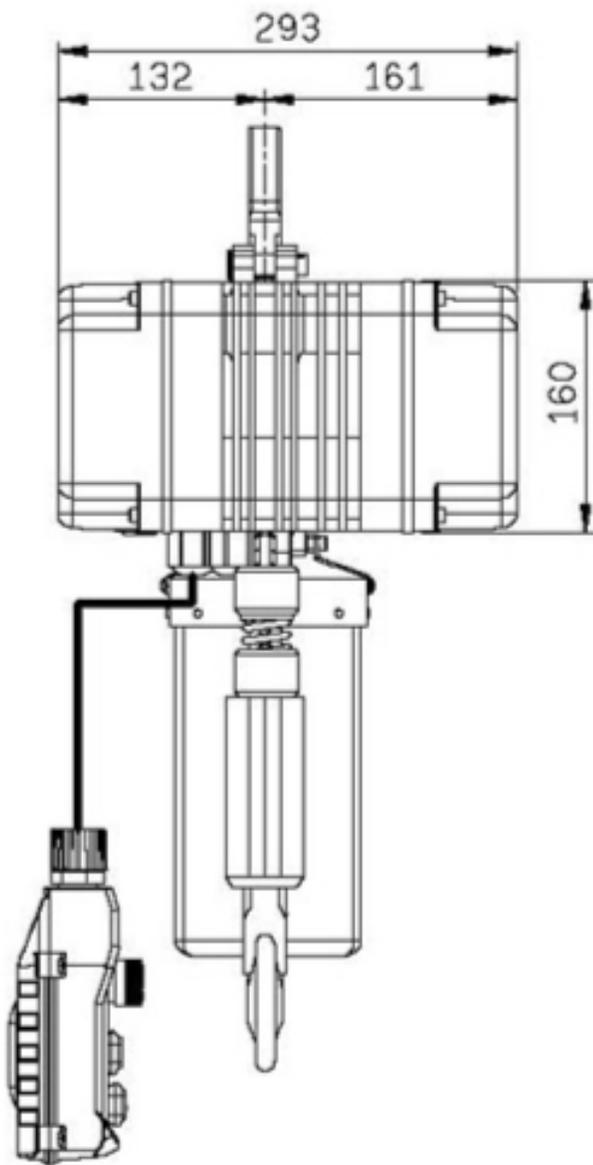
5). Operate the hoist down to move the chain through the hoist body. Stop when a sufficient amount of new chain is accumulated on the load side.

WIRING DIAGRAM



WARNING: The winch is not intended to be used in any manner for the movement or lifting of personnel.

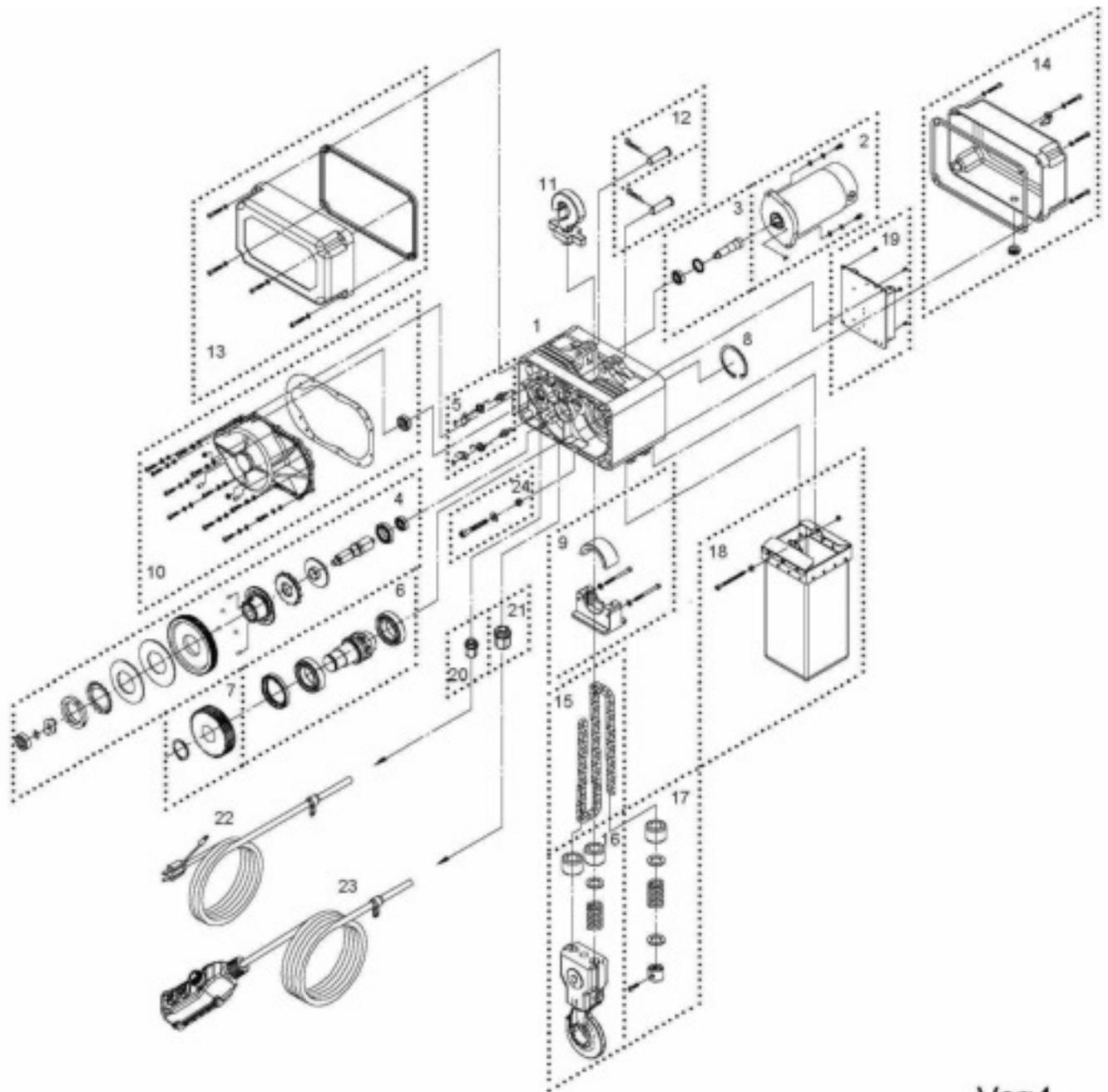
DIMENSIONS



PARTS LIST

Item No.	Description	Part No.	Qty
1	Gear box	881789	1
2	Motor kit 110V	881790	1
	Motor kit 220V	881791	
3	1 st pinion kit	881792	1
4	1 st gear kit	881793	1
5	Ratchet stopper kit	881794	2
6	Sprocket kit	881795	1
7	2 nd gear kit	881858	1
8	R-type retaining ring	881867	1
9	Sprocket protector kit	881796	1
10	Brake rear cover kit	881797	1
11	Hook suspension	881798	1
12	Head pin	881799	1
13	Gearbox rear cover kit	881857	1
14	Electric cover kit	881800	1
15	Load chain 6.5 m	881802	1
16	Hook block	881804	1
17	Lift limiter	881805	1
18	Chain bag kit	881806	1
19	Control panel 110V	881807	1
	Control panel 220V	881808	
20	Cable gland AG-16	881809	1
21	Cable gland AG-20	881810	1
22	Power lead w/2 flat pins plug 110V/220V	881811	1
	Power lead w/3 round pins plug 110V/220V	881812	1
23	Remote control, PB-317	881813	1
24	Fix bolt kit	881859	1

WARNING: The winch is not intended to be used in any manner for the movement or lifting of personnel.



Ver:4

Pierce Arrow Product Limited Warranty

Pierce Arrow Inc. warrants to the original purchaser only (whether a wholesale, OEM or retail customer) that the goods, equipment, and merchandise manufactured by Pierce Arrow are free from defects in material and workmanship. The Pierce Arrow limited warranty on parts covers such items for a period of one year on mechanical and electrical from the date of shipment by Pierce Arrow. All warranties cover only the product or product parts, and are nontransferable.

OBTAINING WARRANTY SERVICE

Pierce Arrow must be notified promptly in writing, about the defect before any means of repair have been made. The merchandise must be delivered by the purchaser to Pierce Arrow in Henrietta, Texas at the purchaser's expense. Pierce Arrow reserves the right to repair or replace the merchandise proved to be defective. The purchaser is responsible for the cost of repairs made by Pierce Arrow if the repairs are not covered by the Pierce Arrow warranty.

EXCLUSIONS

The Pierce Arrow warranty is not intended to cover normal maintenance parts, including but not limited to: wear pads, bushings, mud flaps, fender flares, light bulbs, oil filters, wire rope (winch cable), oil leakage and remote holdings. Nor is the warranty intended to cover any change or defect due to accident; misuse; improper, inadequate or unauthorized repair; failure to provide maintenance or uses for which the equipment was not intended; and normal deterioration due to weather or road conditions. Reference the owner's manual for safety, installation, operation and maintenance guidelines.

The warranty does not bear the cost of labor, transportation, shipping damages, claimed down time, loss of profit or goodwill, or any other special, incidental, indirect, or consequential damages, concerning or related to any product or part, whether based upon negligence, strict liability, breach of contract, breach of warranty, misrepresentation, or any other legal theory.

Merchandise sold by Pierce Arrow, but not manufactured by it, is not warranted by Pierce Arrow and is subject to the manufacturer's warranty only. The manufacturer's warranty is available upon request.

Pierce Arrow makes no warranty, expressed or implied, to finished products manufactured or supplied by other manufacturers, and supplied from Pierce Arrow to the purchaser, including but not limited to, any vehicle to which our products is affixed to, and any accessories.

Merchandise manufactured by Pierce Arrow is not designed or intended for the movement of people and are not to be used in the operation of elevators or other improper uses. Any improper use of the product may void the warranty.

Please contact Pierce Arrow with any questions:

Pierce Arrow Inc.
549 U.S. Highway 287 S.
Henrietta, Texas 76365
(toll free) 800-658-6301
P: 940-538-5643
F: 940-538-4382
www.piercearrowinc.com