

RATCHET STRAP INSTALLATION INSTRUCTIONS

MOTORIZED HAND TRUCK - KIT 450003

PARTS LIST

Item	Description	Qty.	Part No.
A	Retractable ratchet strap	1	440040
B	Frame spacer	1	450159
C	Hex head cap screw - 1/2"-13 x 2" long	1	80095
D	Flat washer	2	80748
E	Lock nut - 1/2"-13	1	80608
F	Pan head screw, 10-32UNF x 1/2" long	1	80087

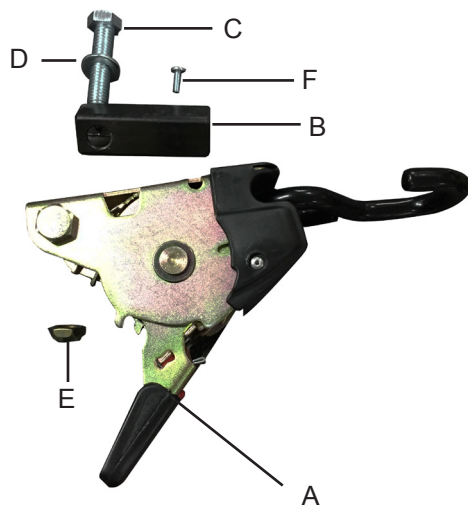
TOOLS REQUIRED

- #2 PHILLIPS SCREWDRIVER
- (2) 3/4" WRENCHES
- DRILL MOTOR
- Ø .218 (7/32) DRILL BIT
- Ø .562 (9/16) DRILL BIT

Step 1

[3/4" wrenches - it helps if one wrench end is thin (approx. 1/4" thick)]

Place the Motorized Hand Truck into the reclined position. Insert 2" long bolt through washer. Then insert the bolt through the frame, then frame spacer, and finally the ratchet strap. Secure with the lock nut, making sure the nylon insert is facing away from the bolt. Finger tighten only for now; proceed to Step 2.



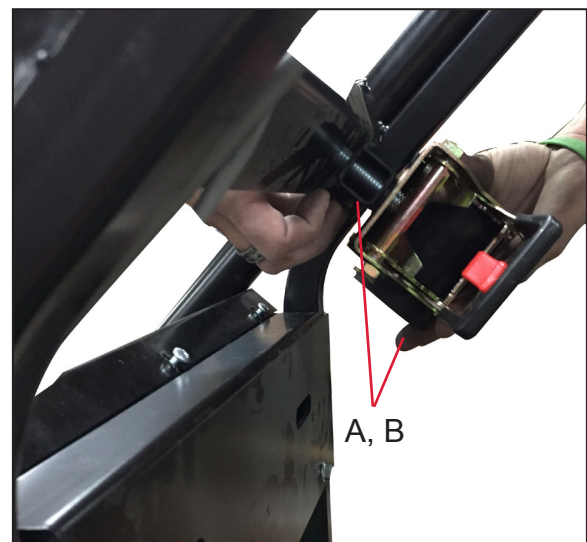
Strap mount hole, front of hand truck



Note: Motorized Hand Trucks built before March 2018 may need one Ø .562 (9/16") diameter hole and one Ø .218 (7/32") hole drilled. See Field Retrofit instructions on page 2.



Front of hand truck



Back of hand truck

Step 2

(Phillips screwdriver)

Secure spacer to the frame by inserting the 1/2" long screw through the spacer and into the frame. Tighten the screw all the way down to the frame. Now fully tighten the 2" long hex head screw.

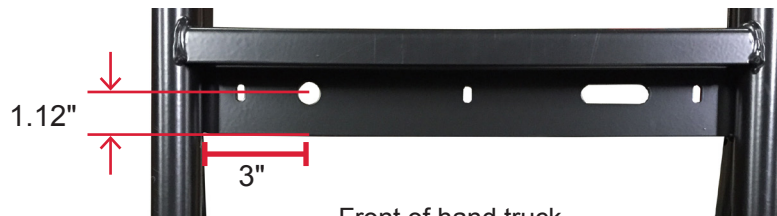


Front of hand truck

Field Retrofit

Required for models that do not have these holes in the top cross brace.

1. Looking at the front of the hand truck on the left hand side, drill one $\text{Ø } .562$ (9/16") hole approximately 3" toward the center of the frame and 1.12" from the bottom of the cross brace.
2. Drill one hole approximately $\text{Ø } .218$ (7/32"). The center of this hole must be placed 1.69" (1-11/16) from the center of the $\text{Ø } .562$ (9/16") drilled hole.



Front of hand truck

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