

## SHINGLE HOIST

### ASSEMBLY PROCESS

BEFORE ASSEMBLY, ENSURE THAT ALL OBSTRUCTIONS ARE CLEAR FROM YOUR WORKING AREA. DO NOT OPERATE THE HOIST IN WET CONDITIONS. THIS LIFT IS ONLY TO BE USED WITH BUILDING MATERIAL, THE LIFT SHOULD NEVER BE USED TO TRANSPORT A PERSON FROM ONE ELEVATION TO ANOTHER. DO NOT USE THE HOIST TO LOWER MATERIAL IT IS ONLY BUILT TO LIFT, NOT LOWER.

(1) THE SQUARE HOLES IN THE BASE SECTION, LADDER SECTIONS, AND CONNECTION PLATES ARE OFF CENTER. MAKE SURE ALL ARE LINED UP ACCORDINGLY (AS IN FIGURE 1).

(2) SLIDE THE FIRST 8' SECTION ONTO THE BASE SECTION. SECURE THE LADDER TO THE BASE USING THE 3/8" CARRIAGE BOLTS. CONTINUE ADDING SECTIONS UNTIL YOU REACH YOUR DESIRED LENGTH (3 SECTIONS MAX). CONNECT EACH SECTION WITH THE SIDE PLATES (MAKE SURE TO PLACE SIDE PLATES ON THE OUTSIDE OF THE LADDER).

(3) SLIDE THE CARRIAGE ONTO THE TRACK SECTION. MAKE SURE THE ROLLERS ARE ON THE CORRECT SIDE OF THE LADDER (SEE FIGURE 2).

(4) INSTALL BRAKE LEVER (SEE FIGURE 3).

(5) TURN HOIST ON ITS SIDE.

(6) PUSH THE BRAKE LEVER FORWARD (10-15 DEGREES) TO RELEASE BRAKE. WITH BRAKE RELEASED, PULL OUT ENOUGH CABLE TO RUN UP THE BACK SIDE, THROUGH THE PEAK ROLLER, AND BACK DOWN THE FRONT SIDE.

(7) RUN CABLE ALONG THE LADDER, PASSING THROUGH THE PEAK ROLLER (SEE FIGURE 4).

(8) CONNECT THE CABLE TO THE BACKSIDE OF THE CARRIAGE (SEE FIGURE 5).



FIGURE 1

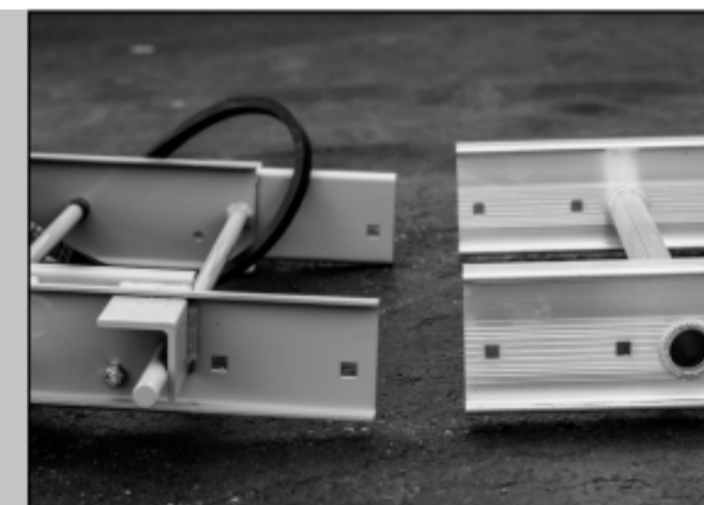


FIGURE 2



FIGURE 3



FIGURE 4



FIGURE 5



# ASSEMBLY CONTINUED

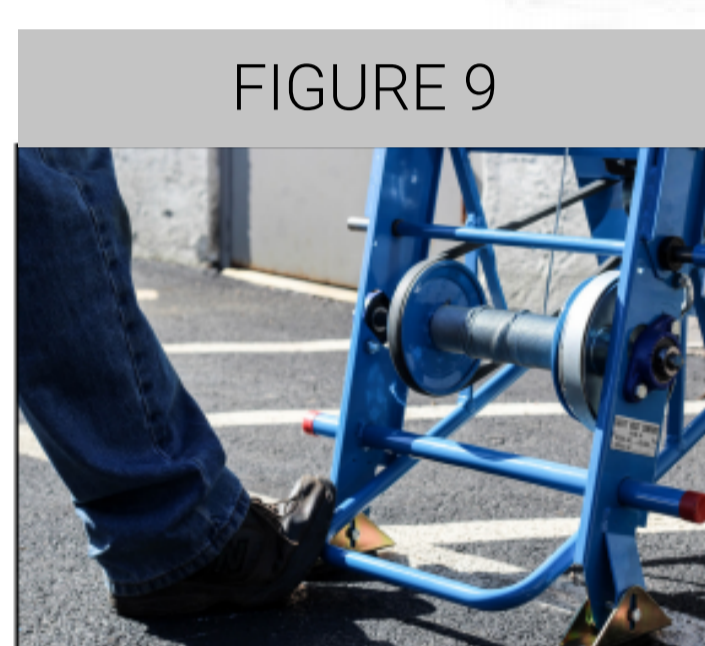
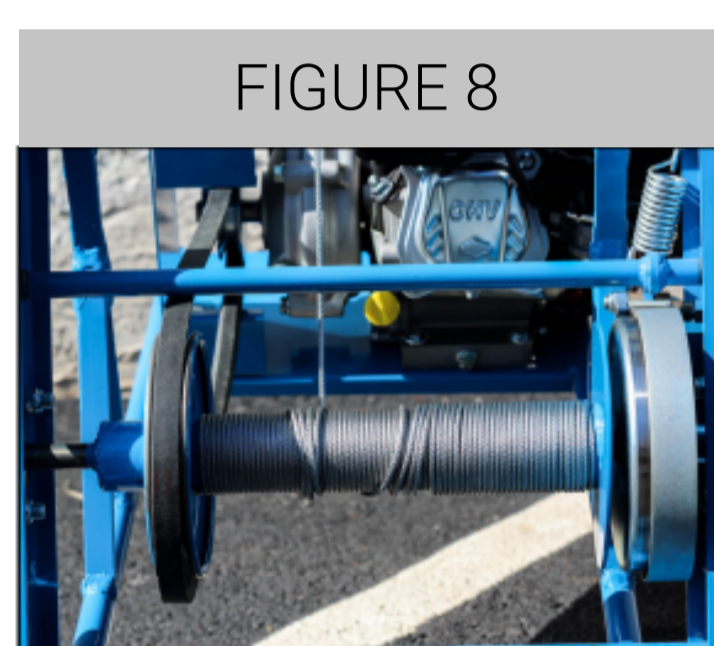
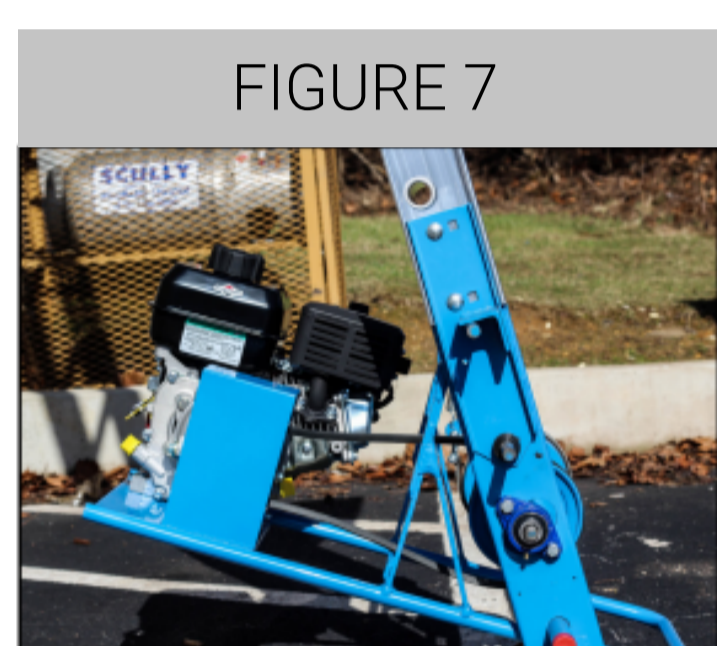
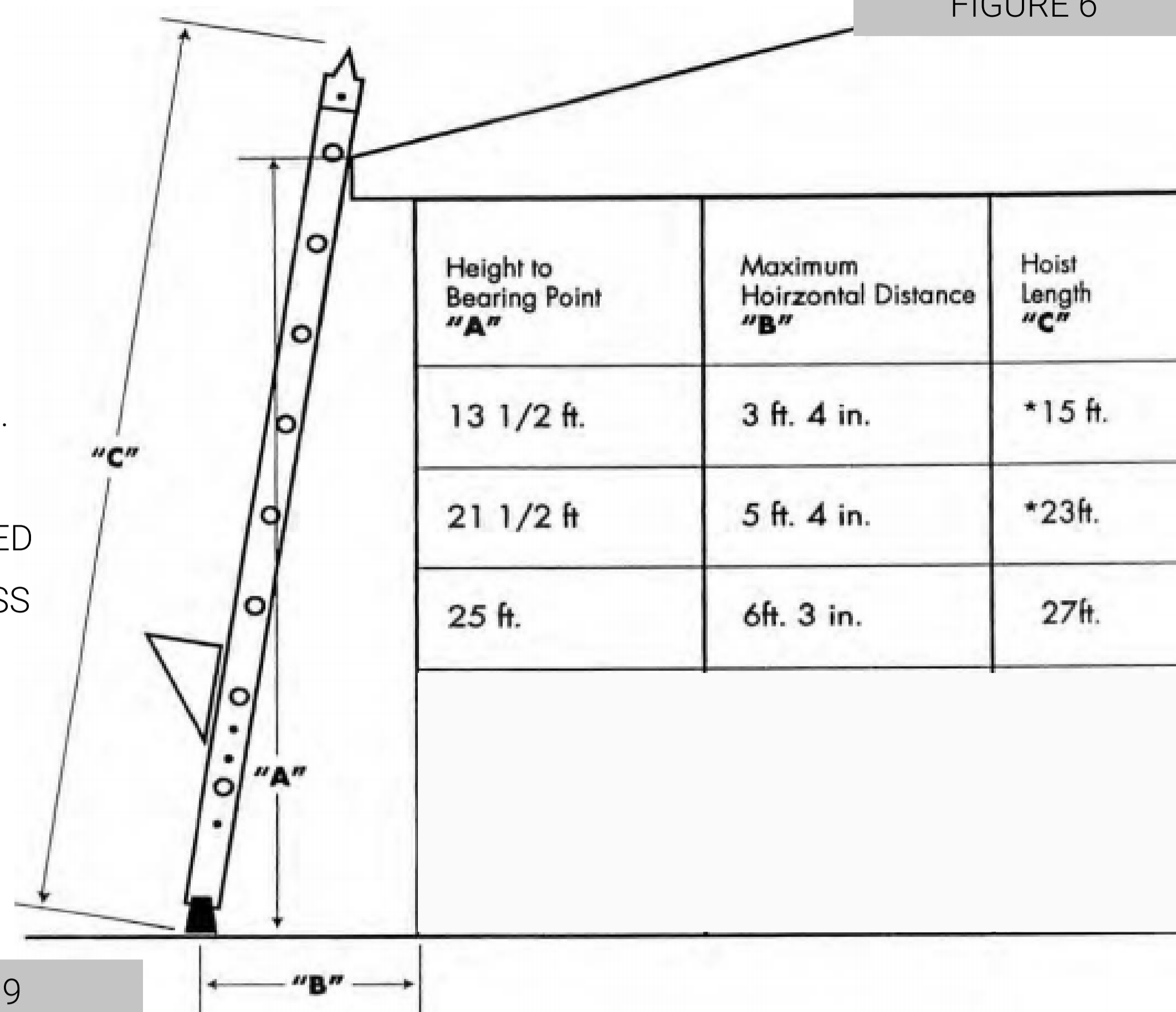
FIGURE 6

(9) LIFT AND PLACE THE HOIST INTO POSITION (REFER TO FIGURE 6 FOR PLACEMENT ANGLES).

(10) SECURE HOIST TO THE BUILDING. BEFORE SECURING, ENSURE THAT THE OFF-SET HOLES ON THE LADDER ARE CLOSER TO THE BUILDING.

(11) ATTACH ENGINE BY HOOKING UNIT OVER THE CROSS SHAFT LOCATED ABOVE THE REALSE SHAFT (TOP BLUE BAR). ONCE IN POSITION, PRESS DOWN ON ENGINE BAR TO ENSURE THERE IS ENOUGH SWING TO ENGAGE DRIVE BELT (SEE FIGURE 7 & 9).

(12) ATTACH THE BELT TO ENGINE AND CABLE PULLY (SEE FIGURE 8).



# STARTING PROCESS

ONCE THE LADDER HOIST IS ASSEMBLED, THE NEXT STEP IS STARTING THE ENGINE.

(1) TURN THE ON/OFF SWITCH TO THE "ON" POSITION.

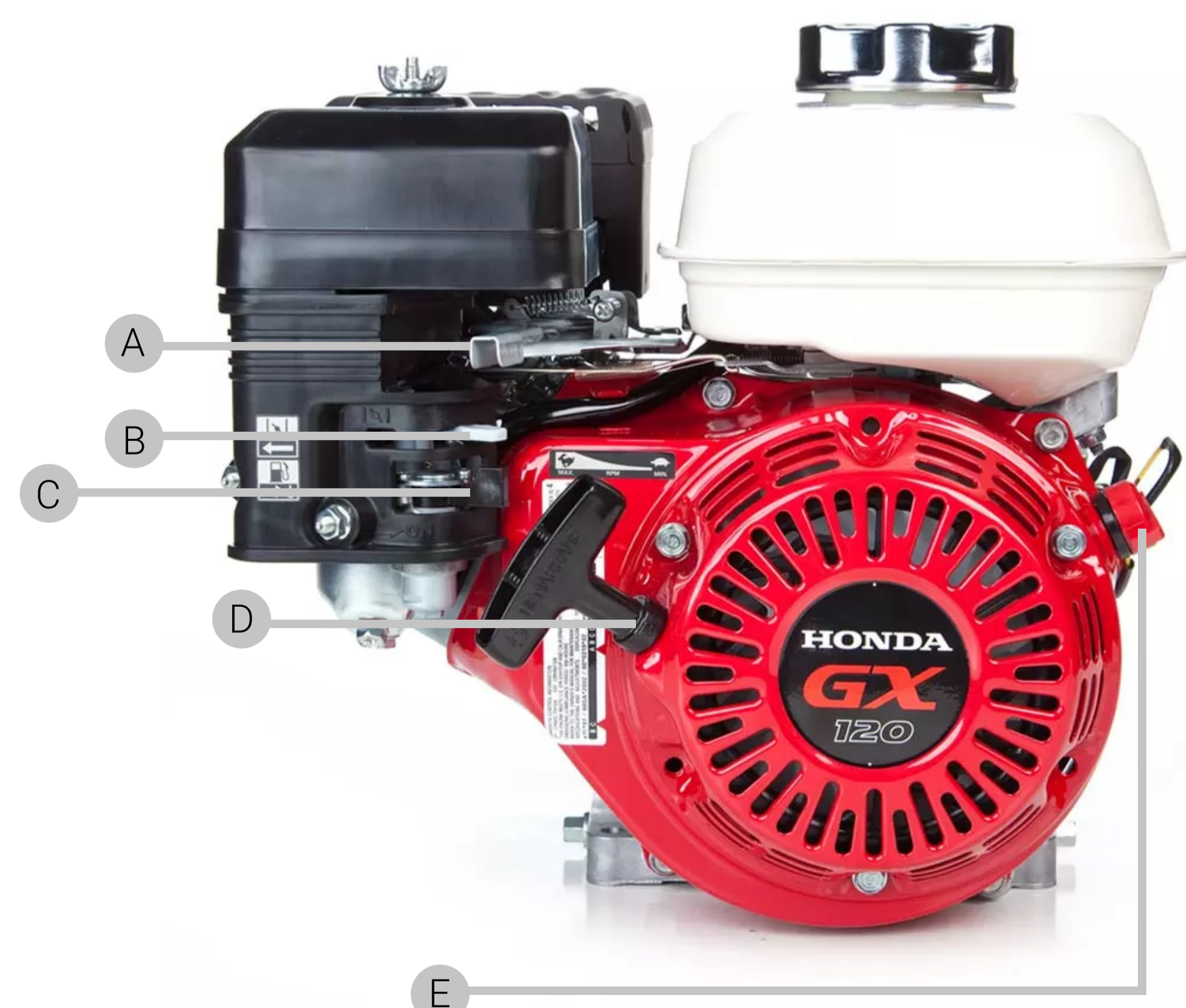
(2) PLACE THE CHOKE LEVER TO THE "OPEN" POSITION (TO THE LEFT RELATIVE TO THE IMAGE).

(3) PLACE THE FUEL LEVER TO THE "ON" POSITION (TO THE RIGHT RELATIVE TO THE IMAGE).

(4) PLACE THE THROTTLE LEVER TO 3/4-FULL (TO THE LEFT RELATIVE TO THE IMAGE, TOWARDS THE IMAGE OF THE RABBIT).

(5) PULL THE STARTER ROPE.

(6) ONCE STARTED, PLACE THE CHOKE LEVER TO THE "CLOSED" POSITION (TO THE RIGHT RELATIVE TO THE IMAGE).



- A. THROTTLE LEVER
- B. CHOKE LEVER
- C. FUEL LINE LEVER
- D. STARTER ROPE
- E. ON/OFF SWITCH

# OPERATING NOTES AND TIPS

PRIOR TO LOADING THE HOIST WITH MATERIAL, OPERATE THE HOIST **EMPTY** TO INSPECT THAT THE HOIST IS OPERATING PROPERLY. CHECK THAT THE CABLE IS WINDING NEATLY, THE BRAKE IS WORKING, AND EVERYTHING RAISES AND LOWERS SMOOTHLY.

(1) RAISE THE **EMPTY** CARRIAGE.

- FACING THE HOIST, PLACE ONE FOOT ON THE MOTOR BASE AND PRESS DOWN. YOU WILL NEED TO FEEL THE MOTOR BASE SWING BACK UNTIL THE DRIVE BELT TIGHTENS. CONTINUE TO APPLY PRESSURE UNTIL THE HOIST TRAVELS TO THE TOP OF THE TRACK, THEN IMMEDIATELY RELEASE THE PRESSURE ON THE MOTOR BASE. THE BRAKE WILL HOLD THE LOAD INTO PLACE. (SEE FIGURE 9)

(2) LOWER THE **EMPTY** CARRIAGE.

- STAND TO THE SIDE THAT THE BRAKE RELEASE HANDLE IS ATTACHED. PUSH FORWARD ON THE HANDLE TO RELEASE THE BRAKE. MAKE SURE TO SLOWLY PUSH THE LEVER FORWARD AND GRADUALLY LOWER THE CARRIAGE DOWN TO THE BASE SECTION. **DO NOT** PUSH THE LEVER ALL THE WAY FORWARD; THIS WILL RESULT IN A FREE FALL OF THE CARRIAGE WHICH MAY RESULT IN DAMAGE/INJURY.

(3) ONCE THE TEST RUNS HAVE BEEN COMPLETE, YOU ARE CLEAR TO PLACE MATERIAL ON THE CARRIAGE. **DO NOT EXCEED THE LIFTING LIMIT OF 200LB.**

(4) BRING THE ENGINE TO FULL THROTTLE (AND ONLY OPERATE THE UNIT ON FULL THROTTLE WHEN THERE IS A LOAD).

(5) REPEAT STEP (1) TO BRING YOUR MATERIAL UP TO THE ROOF.

\*\* DO NOT STOP THE UPWARD MOTION UNTIL THE CARRIAGE HAS MADE IT COMPLETELY TO THE TOP OF THE TRACK.

(6) ONCE MATERIAL IS REMOVED FROM THE CARRIAGE, REPEAT STEP (2) TO LOWER THE CARRIAGE. **DO NOT** LOWER THE CARRIAGE WITH A LOAD. THE HOIST IS NOT DESIGNED TO LOWER WITH A LOAD.

FIGURE 9



FIGURE 10

