SET UP INSTRUCTIONS

PREPARATION OF TRACTOR

To attach the Elec-Trak snow thrower, remove any other mounted tractor attachments, such as rotary mower, snow/dozer blade, etc. The AP64 Front Implement Mounting Bracket must be installed before proceeding. See the separate instruction sheet for installation of this bracket.

*Terms left and right as used in this manual refer to the left and right side of the equipment when facing forward from the rear of the tractor, see Fig. 1.

UNPACKING AND SETTING UP

The snow thrower and all necessary parts and hardware are packed in one container. Unpack the container carefully to insure that all sub-assemblies and parts are removed. Lay out all sub-assemblies. (See Fig. 1)

The container should contain the following items:
1. HEADER ASSEMBLY WITH ELECTRIC MOTOR INSTALLED
2. DEFLECTOR/CHUTE ASSEMBLY
3. DISCHARGE CHUTE CRANK
4. CRANK ROD EXTENSION
5. CRANK ROD SUPPORT BRACKET
6. MOUNTING FRAME
7. LIFT STRAPS (TWO)
8. BAG FOR HEADER ASSEMBLY HARDWARE
MOUNTING FRAME TO HEADER

After checking the carton to make certain that all parts and hardware are accounted for, proceed as follows:

Loosen all eight bolts in mounting pockets, at point (A) (Fig. 2). Place snow thrower mounting bracket (B) directly behind the snow thrower as illustrated in (Fig. 3). Slide square shaft extensions into mounting pockets (C) as shown by arrows.

Slide shaft extensions in until front of bar (D) measures 2-3/8" from header on (Model E 10m) and 4-3/8" from header on (Model E 12m). This measurement is important so not to damage front of tractor, when snow thrower is in raised position.

Tighten the bolts (A) which hold the mounting bracket in position (Fig. 2). Tighten these bolts securely. THIS IS IMPORTANT.

MOUNTING SNOW THROWER TO IMPLEMENT MOUNTING BRACKET ON TRACTOR

Move tractor forward until cross shaft (G) of mounting bracket bar has been positioned in front of mounting yokes (F). Slide snow thrower assembly onto cross shaft of mounting bracket and secure yoke assembly to the cross shaft of mounting bracket and secure yoke assembly to the cross shaft with two clevis pins (H) and hair pin cotters (J). (See Fig. 4).

Assemble the two lift bars (K) together threading 1-1/4" carriage bolt at (N) each way on lift bar as shown. Insert a lock washer and hex. nut onto carriage bolt, keep hex. nuts slightly loose at this point. Push tractor lift handle (P) forward. Place lift bar over pins at (M) and (L); insert a 1" flat washer onto pins and secure with cotter pin. Take the slack out of the lift bars (K) as shown by arrows and secure setting by tightening hex. nuts at (N). (Bolts should be midway in slots).
INSTALLATION OF CRANK ROD

Insert crank rod hooked end (H) through eye bolt in cable tube at discharge chute bracket (C). Slide crank rod (K) through support bracket (R) place a 1" washer onto crank rod (K) then slide crank rod (K) into the end of crank rod (H). Move washer up to support bracket and secure with hair pin cotter (Y).

INSTALLATION OF LIFT ASSIST SPRINGS

Remove bumper on tractor; slide chain anchor brackets (T) between tractor frame and bumper. Align holes & rethread carriage bolts (L); secure with hex. nut.

Attach spring (B) to angle bracket on left side. On right hand side attach spring (B) to hole in lift bracket. Thread toggle chain through chain bracket and attach it to lift spring (B) as shown in (Fig. 8 & 9). Repeat procedure for opposite side of tractor. Raise Snow Thrower with tractor lift lever to highest position. Then pull toggle chain through angle bracket exerting slight pressure on the lift spring and lock into position by inserting hair cotter pin in lift chain.
BRACKET (E) IS MOVED BACK FOR CLARITY.

CABLE HOOK-UP

Cable (C) is wound around tube (D) 2 1/2 turns each way. Both ends of cable should be equal length. (Fig. 10). This will allow the discharge chute to turn equal amounts in each direction from forward.

Install finger deflector as shown (Fig. 13) with cap screw claw washer and nut; tighten securely. Thread 1/2" stop bolt through hole (Y) in stack; secure with hex nut.

Loop both ends of stack control cable over bolt "X" as shown in (Fig. 14).

NOTE: Installation of stop bolt (Y) is very important since this will prevent the operator from accidentally turning the discharge spout onto himself. Finger deflector (F) also should be in place to prevent operator involuntarily reaching into spout which could result in injury to finger or hand - NEVER under any circumstances reach into spout when tractor and Snow Thrower are running!

Slide both ends of the cable between U-bolt (G) in chute control bracket (W) (Fig. 11). Then loop cable over discharge chute opening.

Drop deflector spout onto stack with header in position as shown (Fig. 12).

Then rotate spout 180 degrees on stack.
SKID SHOES

The Snow Thrower is shipped from factory with skid shoe flange to the inside housing. Skid shoes should be removed and then installed with skid shoe flange to the outside.

The skid shoes mounted on each side of the auger housing, adjust the distance the auger housing is raised above the working surface. When removing snow from a gravel driveway or any uneven surface, it is advisable to keep the housing above the surface to prevent damage to the auger. On black top or concrete, minimum height can be used.

To adjust the skid shoes, remove the power cord from the PTO receptacle and raise the snow thrower a few inches off the ground and place blocks under Snow Thrower housing to support Snow Thrower. Loosen the six nuts securing the skid shoes to the auger housing (three on each side) and move them to the desired position before retightening the nuts. The front part of the shoe should be slightly higher than rear part of shoe. Adjust both sides to the same height to keep the auger level.

⚠️ WARNING ⚠️
When making skid shoe or elbow drive tube adjustment, shut attachment drive motor off.

![Fig. 15](image)

V-BELT DRIVE ADJUSTMENT

Remove side cover (J) on motor housing (Fig. 16). Loosen three wing nuts (F) on top cover (G). Loosen two mounting nuts (H) and tighten adjustment mounting bolt (D) to the correct setting for V-belt. Adjust mounting bolt (E) to same setting as (D). To hold setting retighten two mounting nuts (H). Slide cover (G) so it is snug against rear of header; retighten three wing nuts (F) (Fig. 17). Replace side cover (J) over motor housing, secure with two wing nuts (K) (Fig. 16).

V-Belt is set up at the factory should have the correct tension. To check this tension see page 6 (Fig. 9), Owners Use and Care Manual.