

# SET-UP INSTRUCTIONS & PRE-OPERATION CHECKLIST for SNAPPER INTERMEDIATE FRAME SNOW THROWERS

**INTRODUCTION:** The SNAPPER Intermediate Frame Snow Throwers are shipped almost fully assembled and require minimal set-up. Setting up the machine will require the handles to be unfolded and secured, and the attachment of the chute crank rod. Some models may also require the installation of an electric start kit to the engine. Complete each of the following steps carefully. Review and complete each item as instructed on the Pre-Operation checklist. The Snapper Product Registration card must be filled out and sent to Customer Service department at Snapper when completed.

**STEP 1: HANDLES:** Cut both wire ties that secure the control cables to the handles. Be very careful and **DO NOT** cut the control cables. See Figure 1.

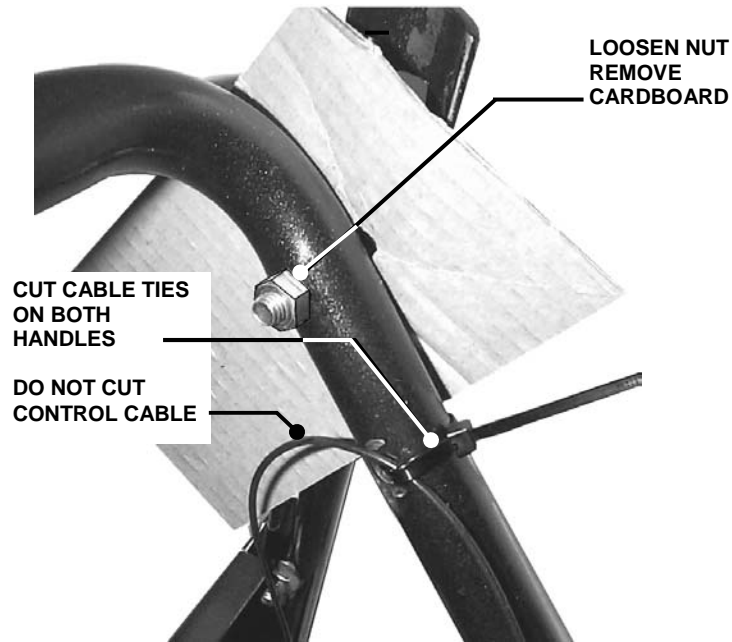


FIGURE 1

**STEP 2: HANDLES:** Loosen handle nuts and rotate handles up to the operating position. Remove shipping cardboard from in between handles. See Figure 1. Insert bolts through both upper & lower handles and secure with nuts. Make sure the square necks of the bolts are recessed into the square holes of upper handles. Tighten nuts securely. See Figure 2.

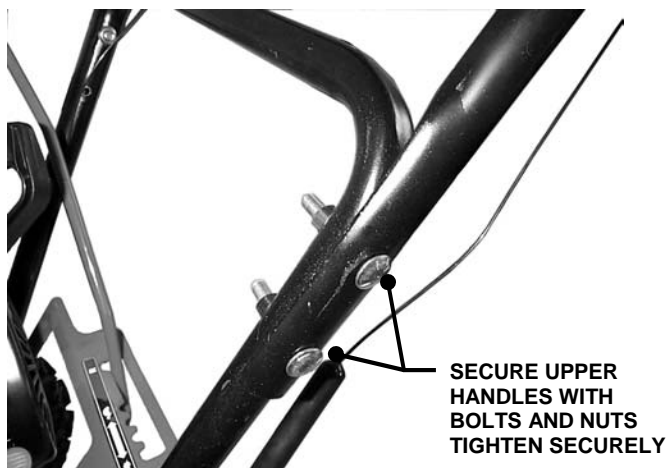


FIGURE 2

**STEP 3: HANDLES:** Cut both wire ties that secure the control levers to the handles. Cut the wire tie that secures the chute crank to the handle. See Figure 3.

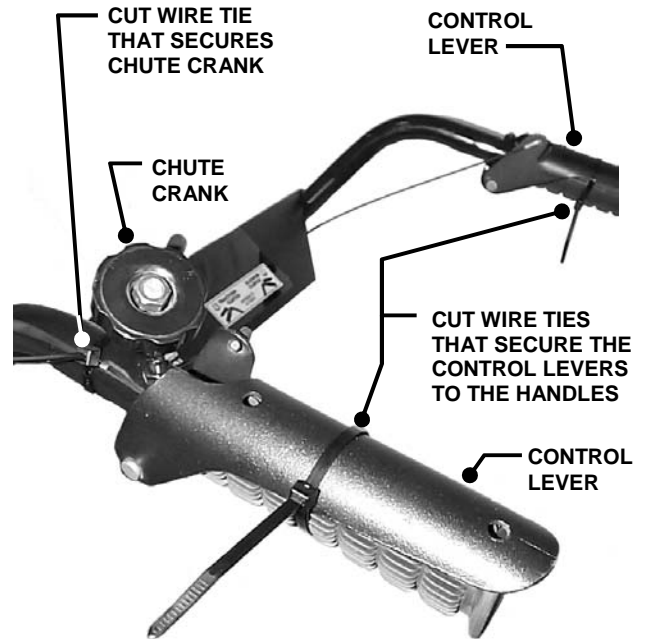


FIGURE 3

**STEP 4: CABLES:** Make sure that the "Z" bend ends of control cables are secured in the holes on the control levers. Make sure cables are not kinked and have freedom of movement when levers are engaged or disengaged. See Figure 4.

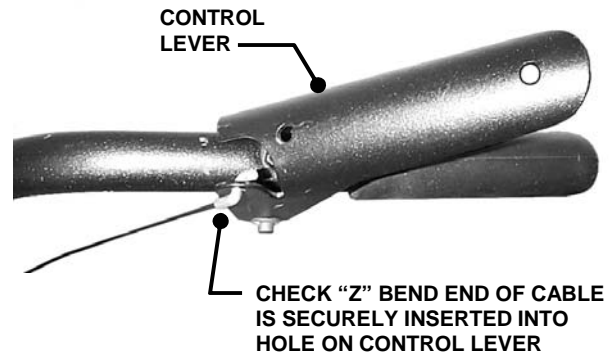


FIGURE 4

INSTRUCTIONS No. 7-4331 (Rev. 1, 4/08/02)

**STEP 5: CABLES:** Make sure that the cables are connected to the traction clutch rod and blower clutch bracket. **IMPORTANT:** Cables should have some slack and should not be under tension. See Figure 5.

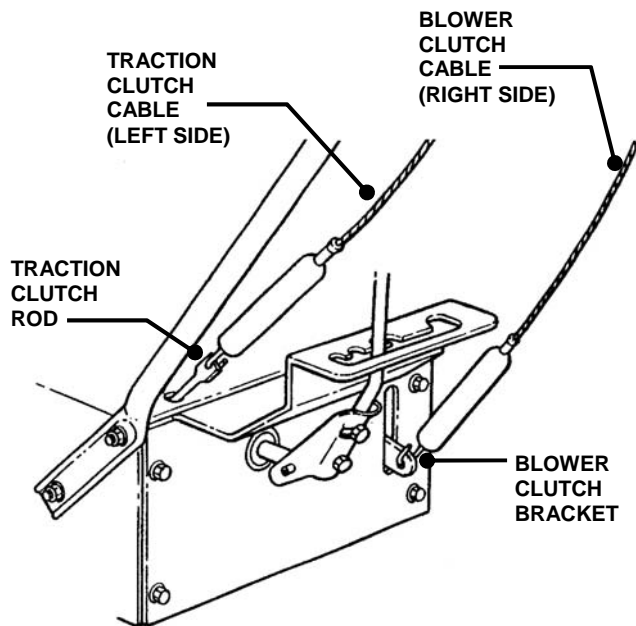


FIGURE 5

**STEP 6: CHUTE CRANK:** Connect chute crank to worm gear shaft and secure with cotter pin. See Figure 6.

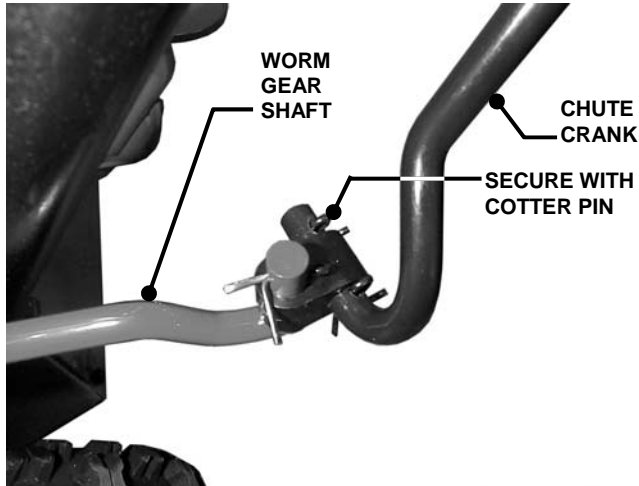


FIGURE 6

**STEP 7: DISCHARGE CHUTE DEFLECTOR:** Secure the deflector to the discharge chute using hardware supplied in hardware bag. Tighten the cap screw, washer and nut but allow deflector to rotate freely. Install the carriage bolt, washer and wing nut. Tighten securely. Use wing nut to securely lock deflector into desired position. See Figure 7.

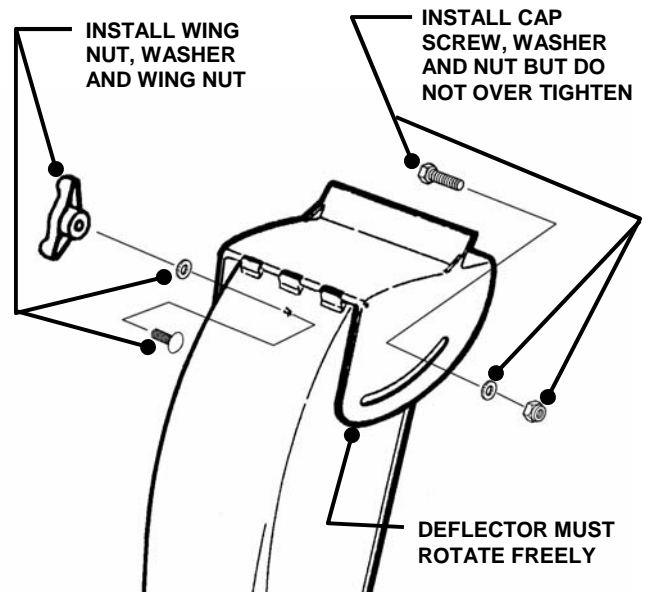
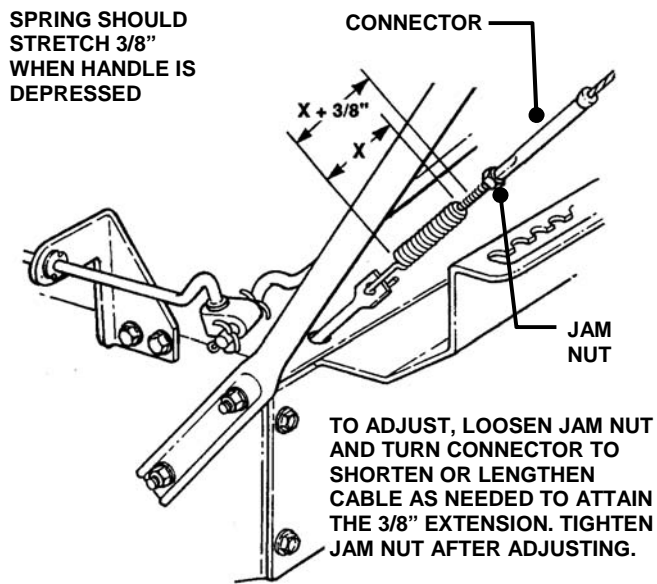


FIGURE 7

**NOTE:** After set-up the hardware bag will contain: two shear bolts and two nuts and a cotter pin.

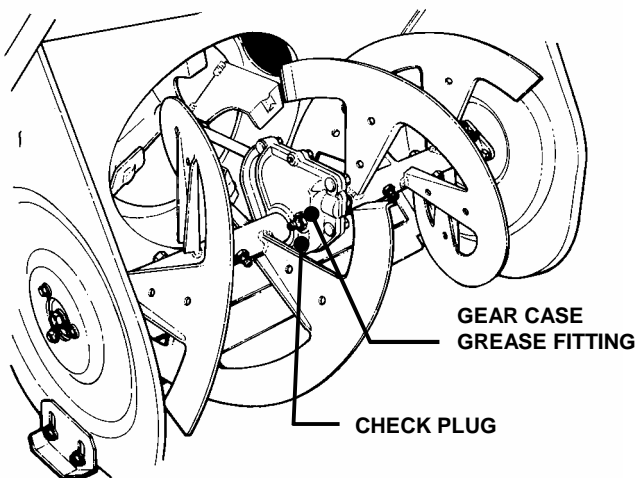
**IMPORTANT:** All necessary initial adjustments are made to the machine at the factory. The following cable adjustments and lubrication are provided for reference only. Complete all items on the Pre-Operation Checklist as instructed.

**STEP 8: ADJUSTMENT:** Adjust cable lengths so that each spring stretches 3/8" when the clutch lever is depressed. When released, both clutch cables should be slack. See Figure 8.



**FIGURE 8**

**STEP 9: LUBRICATION:** Remove check plug to check grease level in auger gear case. If grease is not visible from check plug hole, pump BENELENE 900 grease, SNAPPER Part No. 2-9577, into fill plug on case until grease is visible. Reinstall check plug. See Figure 9.



**FIGURE 9**

**STEP 10: CHECKLIST:** Complete all items on the Pre-Operation Checklist as instructed.

# PRE-OPERATION CHECKLIST for SNAPPER INTERMEDIATE FRAME SNOW THROWERS

Snapper has completed initial adjustments and performed operational tests prior to shipping the machine. Due to the possible effects of shipping, handling and storage, Snapper intends for all of the following items to be verified and necessary final adjustments made at time of setup. It remains good practice and is strongly recommended that all the items also be checked prior to placing the machine into service. It is very important that setup is verified and all operational tests completed and results are acceptable. After completing this form, sign and retain for future reference.

## LUBRICATION

- \_\_\_\_\_ ENGINE OIL added to bring level up to full mark on 4-cycle engines (Refer to Engine Manual).
- \_\_\_\_\_ GEAR CASE grease level checked, add Benalene 900 grease (Snapper Part No. 2-9577) if needed.

## OPERATIONAL TEST

- \_\_\_\_\_ AUGER DRIVE CONTROL checked for proper engagement and disengagement to insure auger stops within 5 seconds after auger clutch control is released.
- \_\_\_\_\_ WHEEL DRIVE CONTROL checked for proper engagement and disengagement of wheel drive.
- \_\_\_\_\_ ENGINE started, engine speed control settings checked and adjusted as needed.
- \_\_\_\_\_ IGNITION SWITCH checked to insure engine stops when turned to OFF position.
- \_\_\_\_\_ ENGINE ELECTRIC STARTER checked for proper operation.
- \_\_\_\_\_ FUEL SYSTEM checked for leaks around tank and connections.
- \_\_\_\_\_ DISCHARGE CHUTE CRANK checked for proper operation and free rotation.
- \_\_\_\_\_ AUGER and WHEEL DRIVE CONTROL CABLES checked and adjusted per instructions in the Operator's Manual.
- \_\_\_\_\_ GROUND SPEED CONTROL checked and adjusted per instructions in the Operator's Manual.
- \_\_\_\_\_ CHOKE CONTROL checked for proper operation during start up.
- \_\_\_\_\_ TIRE PRESSURE checked. 15 to 20 PSI if chains are to be installed or 12 PSI if chains are not being used.

## CONSUMER INFORMATION

Purchase Date \_\_\_\_\_ Model \_\_\_\_\_ Serial No. \_\_\_\_\_

Retailers Name \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

MACHINE WILL BE USED COMMERCIALY? \_\_\_\_\_ YES \_\_\_\_\_ NO

Purchaser's Name \_\_\_\_\_ Signature \_\_\_\_\_

Address \_\_\_\_\_ City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

**IMPORTANT:** This form is to be retained for future reference regarding Warranty, proof of purchase, traceability for product recall or service, etc. Complete the Snapper Product Registration Card and Mail to Customer Service Department at SNAPPER, P.O. Box 1379, McDonough, Georgia, 30253.

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