



CABS
K1 AND K2
Operator's Manual 9-51411

Written In **Clear**
And
Simple
English

J I Case
A Tenneco Company





This Safety Alert Symbol Indicates Important Safety Messages In This Manual When You See This Symbol Carefully Read The Message That Follows and Be Alert To The Possibility Of Personal Injury Or Death

IF THIS MACHINE IS USED BY AN EMPLOYEE OR IS LOANED OR RENTED, MAKE ABSOLUTELY CERTAIN THAT THE OPERATOR(S), PRIOR TO OPERATING:

1. IS INSTRUCTED IN SAFE AND PROPER USE.
2. REVIEWS AND UNDERSTANDS THE MANUAL(S) PERTAINING TO THE MACHINE.

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WARNING

BEFORE STARTING ENGINE

STUDY OPERATOR'S MANUAL SAFETY MESSAGES
READ ALL SAFETY SIGNS ON MACHINE
CLEAR THE AREA OF OTHER PERSONS

LEARN & PRACTICE SAFE USE OF CONTROLS BEFORE OPERATING

IT IS YOUR RESPONSIBILITY TO UNDERSTAND AND FOLLOW MANUFACTURER'S INSTRUCTIONS ON MACHINE OPERATION, SERVICE, AND TO OBSERVE PERTINENT LAWS AND REGULATIONS. OPERATOR AND SERVICE MANUALS MAY BE OBTAINED FROM YOUR EQUIPMENT DEALER.

SAFETY MESSAGES



The safety messages contained in this manual are to be used in addition to the safety messages appearing in the tractor operator's manual. Be sure to review both carefully before operating the tractor and cab combination.



CAUTION: To prevent excessive carbon monoxide from entering cab, be sure exhaust system is in good repair and keep tractor engine in top operating condition. Use exhaust extension kit P/N C 22755 for model 446 tractors prior to S/N 9728158.



CAUTION: Keep windows clear at all times for unobstructed vision.

IMPORTANT: Always replace decals that are damaged or not acceptable. When you replace parts that have decals, make sure you install a new decal. New decals are available from your J I Case dealer.

INTRODUCTION

Read this manual before operating your tractor and attachment.

See your J I Case dealer for parts or repairs.

The words "Right, Left, Front and Rear" as used in this manual indicate directions when you are in the operator's seat in the normal operating position.

NOTE: The J I Case Company reserves the right to make improvements in design or changes in specifications at any time without incurring any obligation to install them on units previously sold.

CAB APPLICATION CHART

CAB MODEL	TRACTOR MODEL
K1	220, 222, 224 with hydraulic lift
K2	442, 444, 446, 448

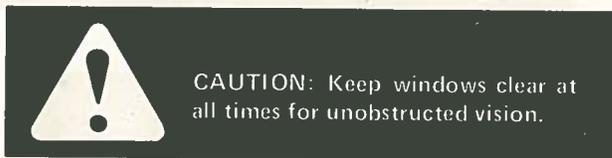
VERY IMPORTANT: For installation on Model 446 compact tractors before muffler under the hood models (P.I.N. 9728158), use C22755 exhaust extension kit.



FIGURE 1 J2 Cab mounted on a 444 Tractor

MAINTENANCE

1. Tighten all bolts at regular intervals.
2. Apply silicone spray under the door handles as needed for free movement.
3. Check the wiper blade for wear and replace as needed.
4. Clean all windows as needed for clear vision.



The cab does not prevent regular tractor maintenance. The motor cover has a center panel which opens for access to the tractor hood and engine. For more clearance, remove the complete motor cover.

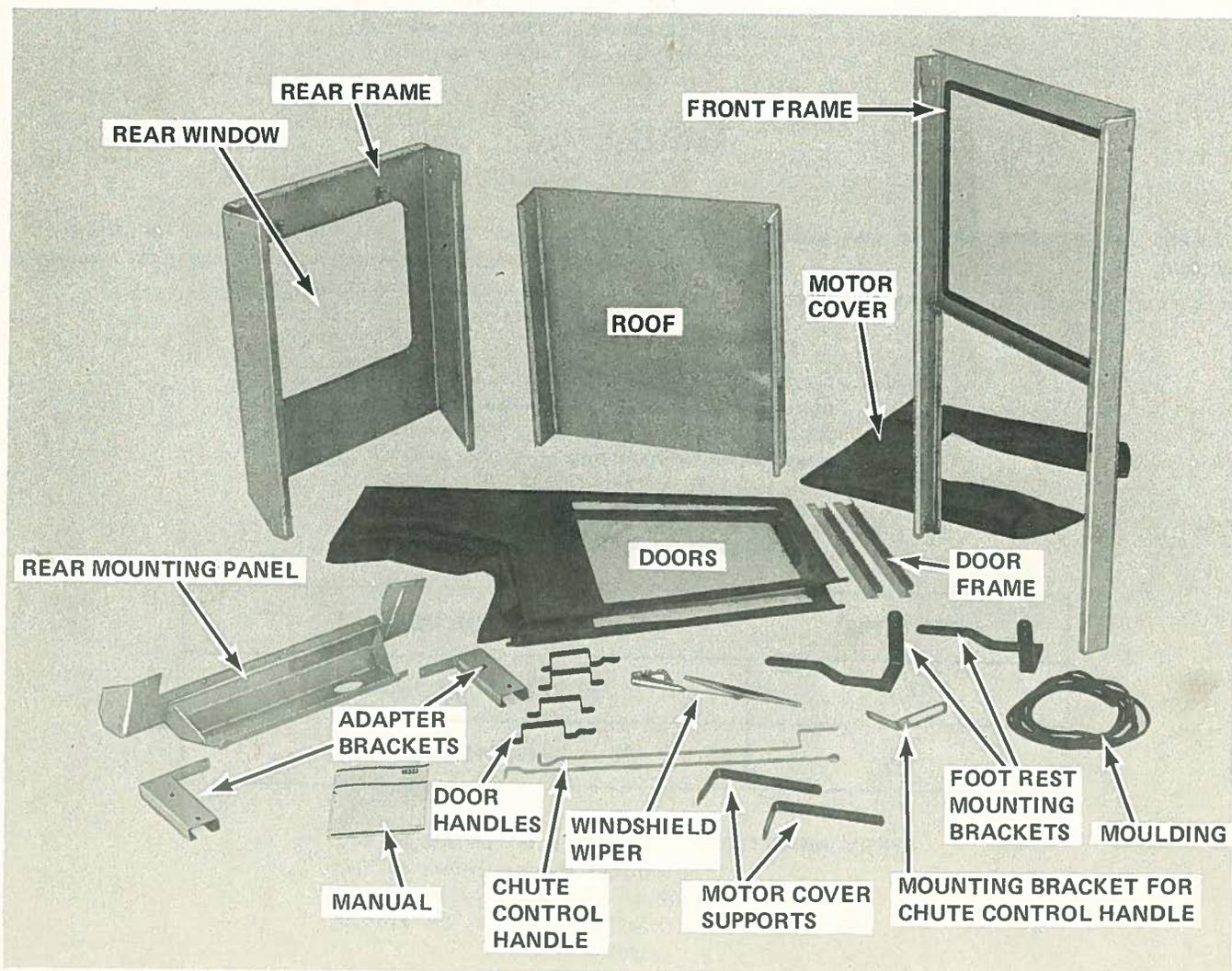


FIGURE 2 J2 Cab

INSTALLATION

Before assembling the cab, remove all the parts from the container. Put them on a clean, smooth surface as shown in Figure 2. Separate the hardware into groups.

ASSEMBLING THE FRAME

Use this hardware in the following four steps:

- a. 1/4" x 3/4" hex head bolts
- b. 1/4" flat washers (use one on each side of the hole or slot when fastening with 1/4" bolts)
- c. 1/4" lock washers
- d. 1/4" nuts

NOTE: Do not tighten all the bolts in the following steps until the cab is installed on the tractor. The instruction will indicate the bolts that must be tightened during installation.

1. Assemble the rear frame member, front frame member and roof.
2. Fit the door frame between the front frame member, rear frame member and roof as shown in Figure 3.
3. Fasten the roof and frames together.
4. Fasten the rear mounting panel to the rear frame member. Fully tighten this panel.

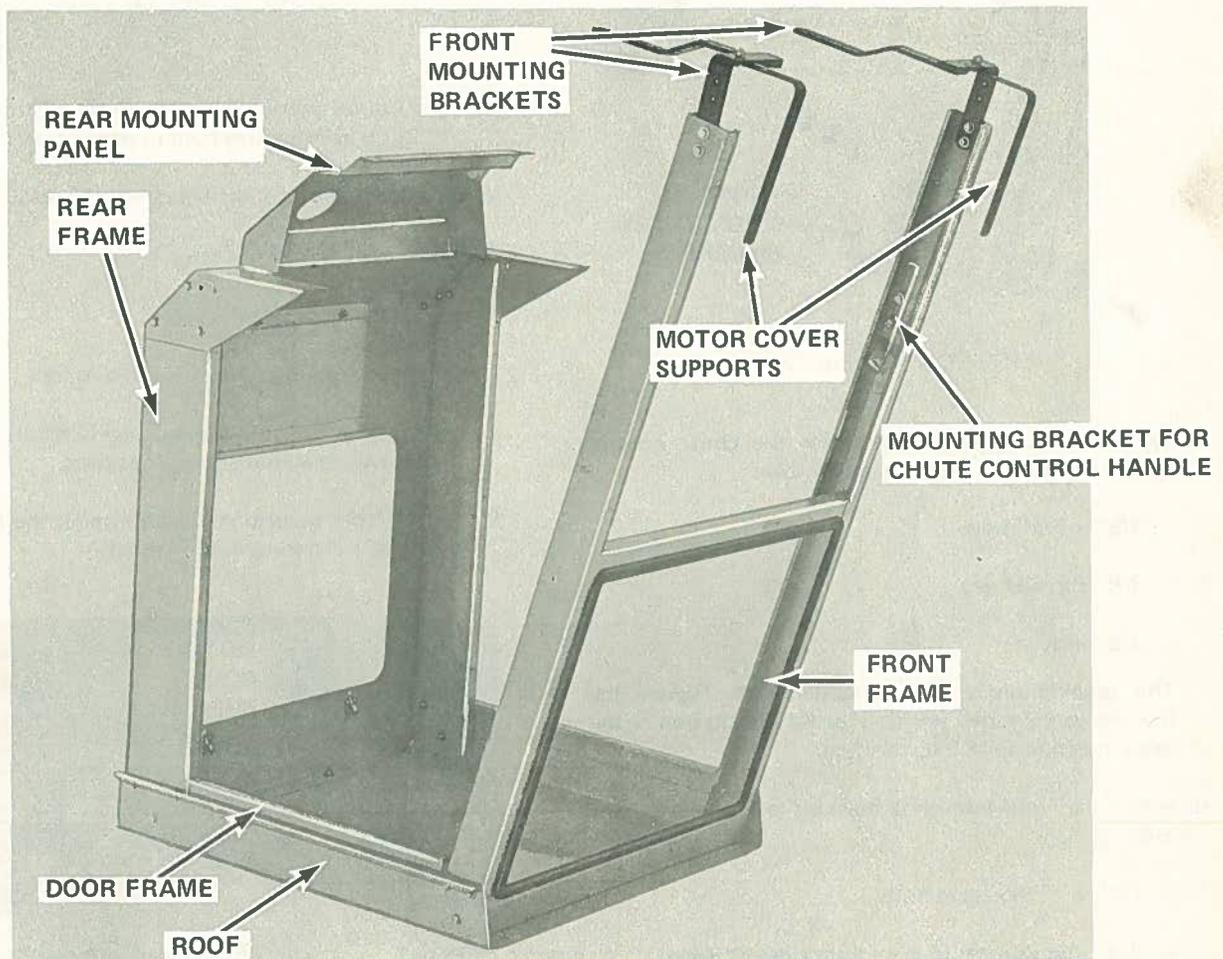


FIGURE 3 K2 Cab

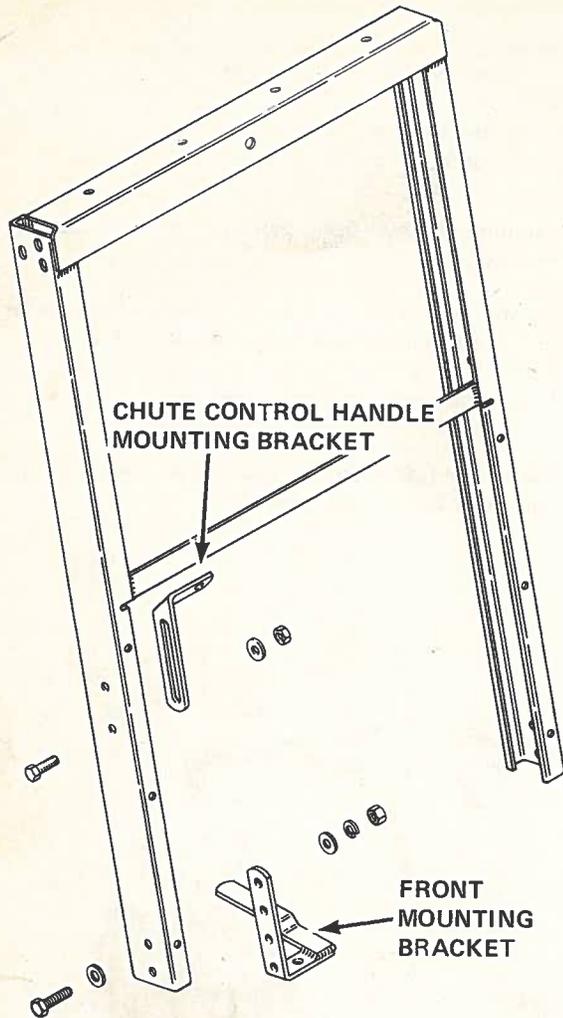


FIGURE 4 Front Frame

5. Fasten the mounting bracket for the chute control handle on the R.H. frame member. Use:

- a. 3/8" x 3/4" bolts
- b. 3/8" flat washers
- c. 3/8" nuts

This bracket has a slot for adjustment. Tighten the bracket in the raised position for K1 installation or the lower position for K2 installation.

6. Install the front mounting brackets on the front frame member. Use:

- a. 1/4" x 1" hex head bolts
- b. 1/4" flat washers (put on both sides of holes)
- c. 1/4" lock washers
- d. 1/4" nuts

These brackets have two sets of mounting holes. Use the upper holes on K2 cabs, the lower holes on K1 cabs. Fasten to the inside of the front frame member.

INSTALLING THE CAB ON THE TRACTOR

1. Remove the two 5/16" bolts from the top of the rear seat support of the tractor.

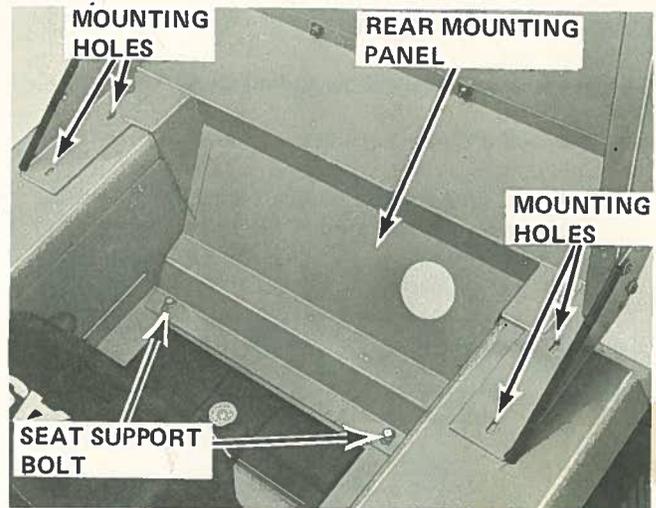


FIGURE 5 Rear Mounting

NOTE: Before you put the cab on the tractor make sure you have enough help to prevent personal injury.

- 2. Turn the cab to the normal mounting position.
- 3. Put the cab on the tractor.
 - a. Lift the cab from the sides.
 - b. Lift the cab over the rear of the tractor.
 - c. Align the cab so the mounting brackets are in contact with the fenders and foot rests.
- 4. Put the front mounting brackets under the tractor foot rests. Use a clamp to hold in place.

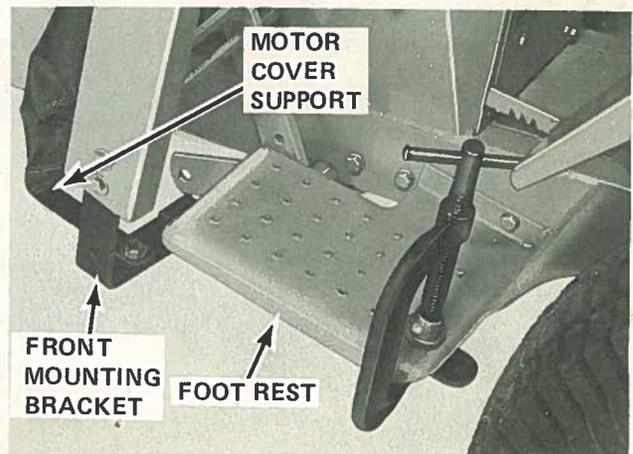


FIGURE 6 Front Mounting

5. Align the rear mounting panel with the holes in the rear seat support. Install the seat support bolts.

NOTE: If this installation is on tractors before 1980 models, you must install adapter brackets. These brackets are installed between the rear mounting panel and the top of the fenders.

6. Use the holes in the rear mounting panel as a guide. Drill $9/32''$ (8 mm) holes through each fender.

7. Fasten the rear mounting panel to the fenders. Use:

- a. $1/4'' \times 1''$ hex head bolts (longer bolts for adapter brackets).
- b. $1/4''$ flat washers (use the larger size washer and put on both sides of holes)
- c. $1/4''$ lock washers
- d. $1/4''$ nuts

8. Install the doors on the cab.

- a. Put the top hinge pivot into the hole in the roof.
- b. Fasten the lower hinge pivot with the pivot bracket. Use:
 1. $1/4'' \times 3/4''$ bolts
 2. $1/4''$ flat washers (put on the inside of the frame member)
 3. $1/4''$ lock washers
 4. $1/4''$ nuts

9. Align the top of the door parallel to the roof. Tighten the rear frame member to the roof. (Adjust the clamps on the foot rests as needed.)

10. Align the front of the door parallel to the front frame member. Tighten the front frame member to the roof. (Adjust the clamps on the foot rests as needed.)

11. Install the front mounting brackets on the foot rests.

- a. Make sure the front of the cab is centered on the tractor. Adjust the mounting brackets as needed.
- b. Drill two holes ($11/32''$) through both foot rests and front mounting brackets. Make the space between the holes as wide as possible.
- c. Fasten the front mounting brackets to the foot rests. Use:
 1. $5/16'' \times 1''$ hex head bolts
 2. $5/16''$ lock washers
 3. $5/16''$ hex nuts

12. Fully tighten all nuts and bolts.

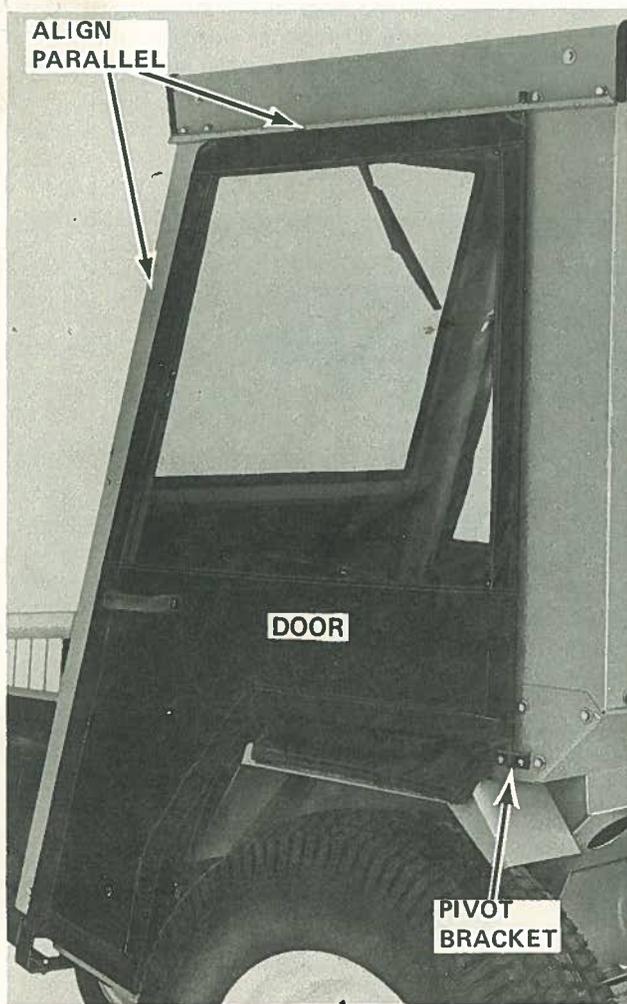


FIGURE 7 Door Mounting

DOOR HANDLE INSTALLATION

1. Cut the door material in the slots of the door cross-member.
2. Put the handles in position over the slots in the door. The longer handle is installed to the inside with the latch tab forward.
3. Put a spacer in the door slot between the mounting tabs on the handles.
4. Fasten the rear mounting tabs together. Use:
 - a. 1/4" x 3/4" hex head bolts
Fully tighten this bolt.
 - b. 1/4" lock washers
 - c. 1/4" hex nuts
5. Fasten the forward mounting tabs together. Use:
 - a. 1/4" x 1" hex head bolts
Tighten this bolt until the nut and the end of the bolt are even.
 - b. 1/4" flat washers
 - c. spring
 - d. 1/4" lock nut

See the illustration for correct installation procedure.

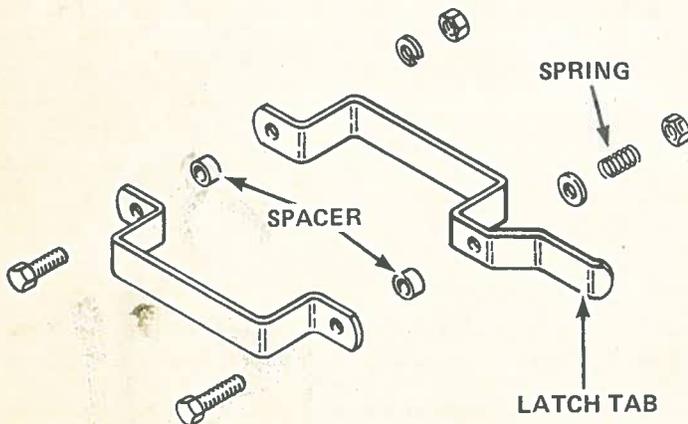


FIGURE 8 Door Handle

INSTALL THE MOTOR COVER

1. Fasten the motor cover supports to the front mounting brackets. See Figure 3. Use:
 - a. 1/4" x 1" hex head bolts
 - b. 1/4" lock washers
 - c. 1/4" hex nuts
2. From the outside of the cab install 3/16" x 3/4" slotted screws through the side of the front frame. Fasten with 3/16" nuts on the inside of the frame channel.
3. Through the bottom of the cross brace of the front frame install:
 - a. 1/4" x 1" hex head bolts
 - b. 1/4" lock washers
 - c. 1/4" hex nuts
4. Find the three support straps. Slide the strap with two holes through the top edge of the motor cover. Slide the other two straps through the side edges of the motor cover. Make sure the holes in the straps align with the holes in the motor cover.

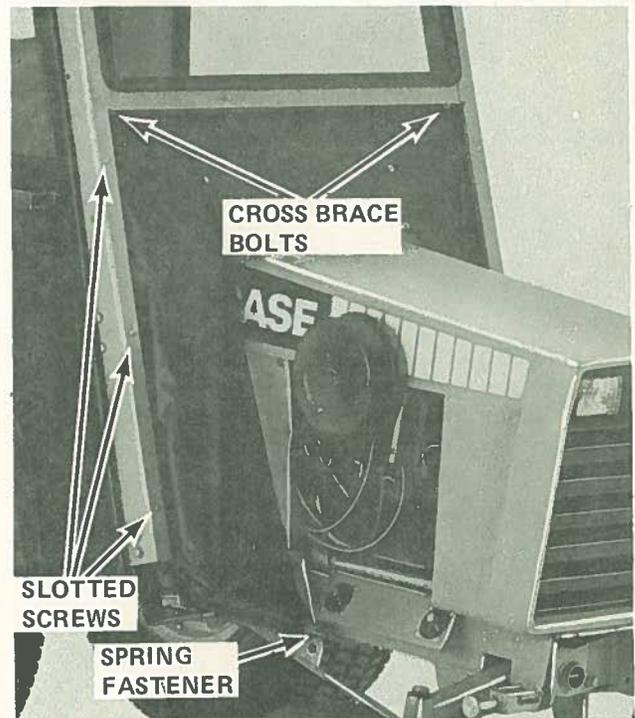


FIGURE 9 Motor Cover

5. Put the motor cover over the cover supports and:
 - a. Fasten the top strap to the bolts in the cross brace of the front frame. Use 1/4" wing nuts.
 - b. Fasten the side straps to the screws in the front frame. Use 3/16" wing nuts.

NOTE: The correct position for the support straps is on the inside of the front frame channel.

6. Use the spring to connect the bottom edges of the motor cover together under the tractor.

INSTALLING THE PROTECTIVE MOULDING

See Figure 10.

The protective moulding, included with the cab, comes in one piece. It must be measured and cut before installation.

1. Install this moulding on:
 - a. The front and rear edges of the roof.
 - b. The edges of both fender mounting brackets.
 - c. Around the rear window opening (join the loose ends on the bottom).
2. Cut the moulding to the correct length. Use a block of wood to push the moulding in place.



FIGURE 10 Moulding Installation

INSTALLATION OF THE WINDSHIELD WIPER

See Figure 11.

The windshield wiper and mounting hardware are in a container separate from the cab hardware.

To install:

1. Put the rubber bushing on the wiper shaft.
2. Put the wiper shaft through the hole in the front frame above the window.
3. Use 3/8" washers as spacers (included with the cab hardware) on the wiper shaft. Fasten the wiper shaft to the frame with the nut included with the wiper.

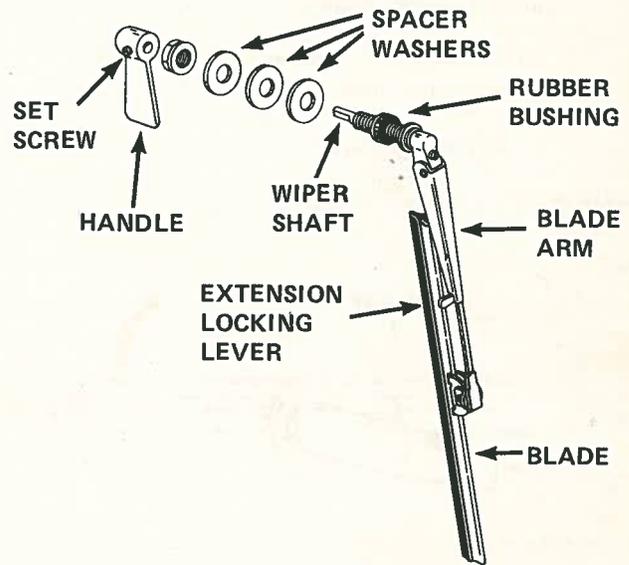


FIGURE 11 Windshield Wiper

4. Install the handle on the wiper shaft. Align the set screw in the handle with the flat surface on the wiper shaft. Tighten the set screw.
5. Install the wiper blade arm on the outside of the shaft, parallel to the handle. Push tightly into place and tighten.

ADJUSTMENT OF THE WINDSHIELD WIPER

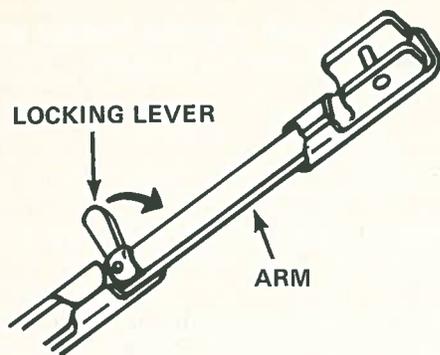


FIGURE 12 Adjusting Length

1. To adjust for correct length:
 - a. Open the extension locking lever by rotating (the lever location is under the blade arm).
 - b. Push the arm in or out to the correct length.
 - c. Close the extension locking lever.

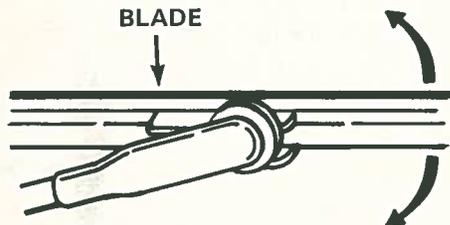


FIGURE 13 Adjusting Angle

2. To adjust the blade angle:
 - a. Rotate the blade on the blade arm until it is parallel with the windshield frame.

CHUTE CONTROL HANDLE INSTALLATION

1. Discard the chute control handle included with the snowcaster.

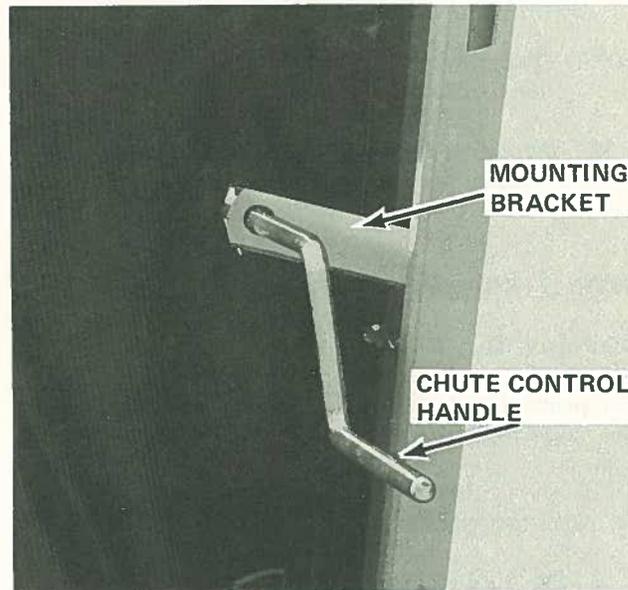


FIGURE 14 Chute Control Handle

2. Use the chute control handle and control rod included with the cab.
 - a. Connect the control rod to the chute control coil on the snowcaster. Put the opposite end of this rod through the support bracket on the snowcaster lift link.
 - b. Install the lift link between the tractor and snowcaster.
 - c. Fasten the universal joint block to the control rod with 3/8" flat washer and 3/32" x 3/4" cotter pin.
 - d. Put the chute control handle through the slit in the motor cover and through the mounting bracket in the cab.
 - e. Fasten the chute control handle to the universal joint block on the control rod. Use 3/8" flat washer and 3/32" x 3/4" cotter pin.

CAB REMOVAL

1. Disconnect the spring that holds the bottom of the motor cover.
 - b. The front mounting brackets on the foot rests. Hold these brackets in place with clamps until you remove the cab.
2. Remove the bolts from:
 - a. The rear mounting panel fastened to the rear seat support and fenders.
3. Hold the cab on both sides. Lift up and over the rear of the tractor.
4. Install the bolts in the tractor seat support.

STORAGE

The cab can stay installed as a permanent attachment on your tractor. The cab will not cause interference with the operation of most other attachments. The doors, rear window and motor cover are easily removed for increased air movement.

If storage is needed:

Storage of the cab as a complete unit is best if enough space is available. This will decrease parts loss. If you do not have enough storage space, disassemble the cab into three basic groups:

1. Front frame
2. Rear frame
3. Roof

Disassemble only after the cab is removed from the tractor.

Put your cab in a cool, dry place away from direct illumination.

Apply a few drops of oil to metal areas with no paint cover.

SUPPLEMENT SHEET TO K-1, K-2 CAB OPERATOR'S MANUAL.

This Supplement Sheet pertains to Operator's Manual #9-51411, K-1, K-2 Cabs.

- A. The K-1 cab fits the Model 226 tractor in addition to those listed on Page 3.
- B. The following statement refers to all cabs shipped after August 1, 1983:

The adapter brackets referred to on Page 4, Figure 2 and Page 7, Step 5 "NOTE" are not included with your cab and must be ordered separately from your dealer.

- C. The following information replaces the instructions on Page 8 and 9 for installing the motor cover.

INSTALL THE MOTOR COVER:

1. Fasten the motor cover supports to the outer holes in the front mounting brackets. See Figure 3. Use:
 - a. 1/4" x 1" hex head bolts
 - b. 1/4" lock washers
 - c. 1/4" hex nuts
2. From the outside of the cab install #10 x 3/4" slotted screws through the side of the front frame. Fasten the #10 nuts on the inside of the frame channel.
3. Find the three support straps. Slide the strap with two holes through the top edge of the motor cover. Slide the other two straps through the side edges of the motor cover. Make sure the holes in the straps align with the holes in the motor cover.
4. Position the top support strap under the cross brace. Use:
 - a. 1/4" x 1" hex head bolts
 - b. 1/4" lock washers
 - c. 1/4" wing nuts

Push the bolts up through the support strap and cross brace and secure with 1/4" wing nuts and lock washers.

5. Fasten the side straps to the screws in the front frame. Use #10 wing nuts and flat washers.

NOTE: The correct position for the side straps is on the inside of the front frame channel.

6. Use the spring to connect the bottom edges of the motor cover together under the tractor.

- D. Peel the protective paper from the rear window. Install the rear window.

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