



# INSTALLATION AND OPERATORS GUIDE

(Keep with vehicle for future reference)



by



ATTENTION OWNERS AND OPERATORS:

SAVE THIS INSTALLATION / OPERATORS MANUAL. READ AND FOLLOW THE OPERATING AND SNOW PLOWING PRACTICES. PLEASE HAVE SERIAL NUMBER AVAILABLE (FOUND ON DECAL ON BLADE) IF CALLING FOR CUSTOMER SERVICE ASSISTANT.

## FOR YOUR RECORDS

DATE PURCHASED: \_\_\_\_\_

WHERE PURCHASED: \_\_\_\_\_

SERIAL NUMBER: \_\_\_\_\_

(Located on decal on back of blade)

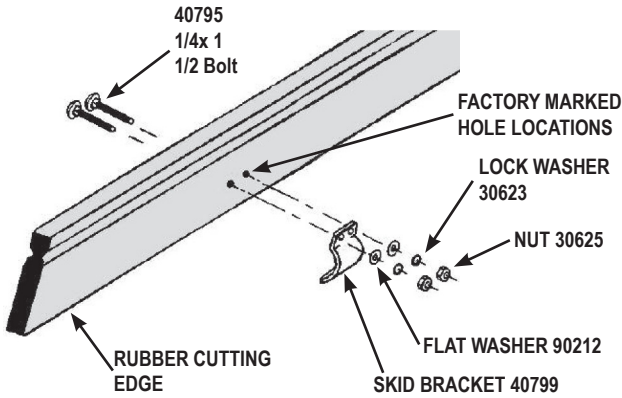
## TOOLS NEEDED:

- Drill with 5/16" bit
- 9/16" socket w/ ratchet
- 3/4" box wrench (2)
- 7/16" wrench (1)
- Allen wrench 3/16"
- Protective eyewear

**Note:** Prior to plow assembly, park vehicle on level grade. Measure clearance under existing 2" rear receiver, for best results it should be 8 to 16 inches above grade.

1

- a) Each end of the rubber cutting edge has two factory marks (to match with holes in skid bracket). Drill them out with 5/16" bit.
- b) Mount skid bracket there. Tighten bolts until head sinks flush with rubber surface. Repeat at other end.

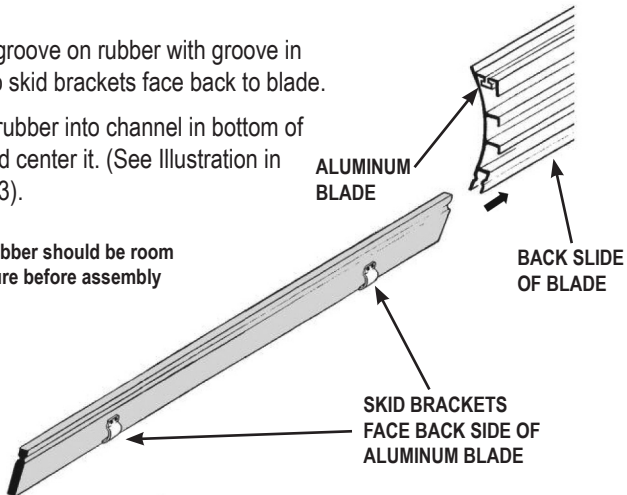


**TIP:** When mounted-skid bracket should align flush with or slightly above bottom of rubber.

2

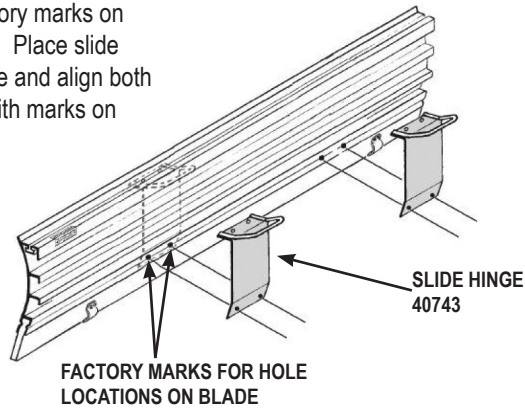
- a) Align groove on rubber with groove in blade, so skid brackets face back to blade.
- b) Slide rubber into channel in bottom of blade and center it. (See Illustration in Number 3).

**NOTE:** Rubber should be room temperature before assembly



**3**

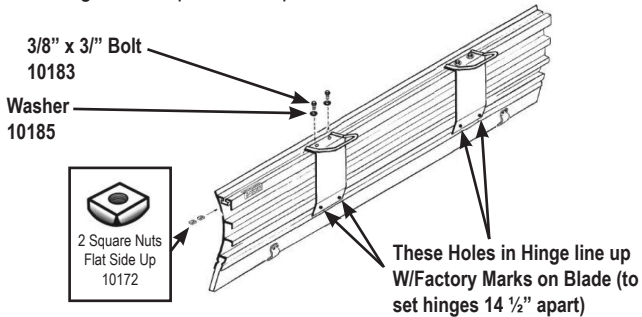
- a) Locate factory marks on back of blade. Place slide hinge on blade and align both lower holes with marks on blade.



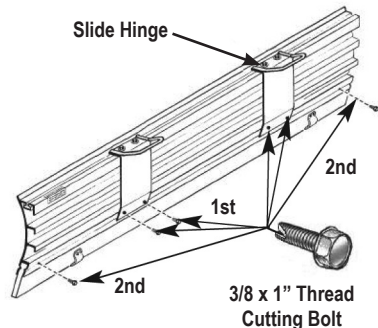
**TIP: When mounted-slide hinges should measure about 14-1/2" apart.**

**4**

- a) Insert 2 square nuts in channel at end of blade and slide them over to line up with holes at top of slide hinge.
- b) Insert bolts through holes in slide hinge and thread onto nuts inside blade.
- c) Make sure both lower holes in slide hinge are still in line with mark on blade, then tighten 2 top bolts. Repeat at other end.

**5**

- a) First, with rubber centered on blade, use both lower holes in each slide hinge as guide to drill 5/16" holes through first layer of aluminum and partially into rubber. Then turn 3/8" thread cutting bolt into each hole and tighten to secure each hinge.
- b) Second, at factory mark near each end of blade, drill 5/16" hole through first layer of aluminum and partially into rubber. Turn 3/8" thread cutting bolt into hole and tighten.

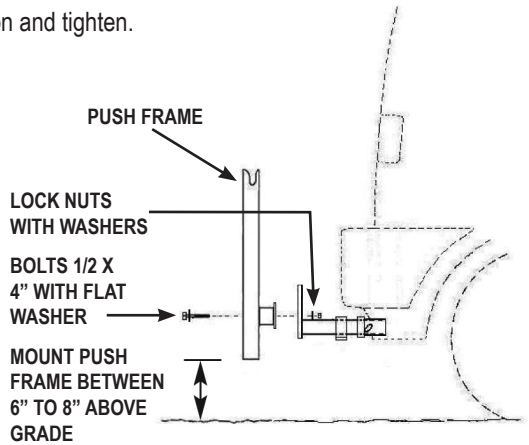
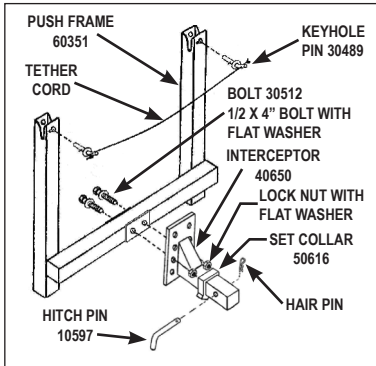


**6**

a) Insert interceptor into plow mount-leg up- as shown in diagrams. Insert pin through mount and hole in interceptor and lock tab.

b) Hold push frame up in line with pair of holes on interceptor, that when bolted, will hold push frame 6 to 8 inches above grade. NOTE: If lowest hole pattern is too high, then it is okay to turn interceptor leg down.

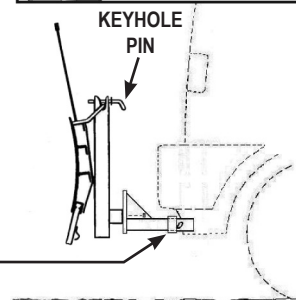
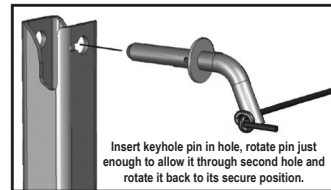
c) Insert bolts, turn lock nuts on and tighten.

**7**

a) Hang blade assembly into retainer grooves on push frame.

b) Insert keyhole pins into holes on push frame.

c) Push set collar up against receiver-hold and tighten set screw (3/16" Allen wrench).

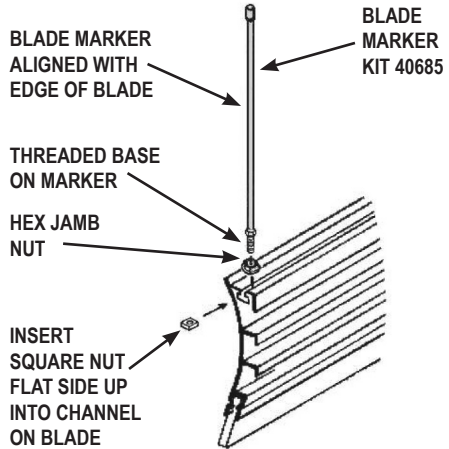


8

a) Turn hex jamb nut (flange facing down) onto threaded base of marker.

b) Insert square nut flat side up into blade channel.

c) Align marker with edge of blade, turn base fully into square nut and tighten jamb nut. Repeat for marker at other end.



## OPERATING INSTRUCTIONS

### 1. TO LOWER FOR PUSHING SNOW:

Step behind and remove keyhole pin. Lift one side of blade out of retainer until slide hinge fits over the push bar, then lower blade to ground. Re-insert keyhole pin. Repeat same procedure for other side of blade.

### 2. TO PUSH SNOW:

Drive forward slowly – blade will engage for pushing. When push is finished, backing up disengages the blade until you are realigned for next push. Repeat this procedure until job is finished.

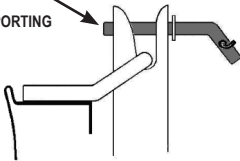
### 3. TO STORE BLADE FOR TRANSPORTING:

Reverse procedure from Step 1 and re-insert keyhole pins.

### 4. TO STORE BLADE DURING OFF SEASON:

For maximum blade life, periodically retighten bolts and protect blade from sun by storing it inside or covered.

KEYHOLE PINS  
SECURE BLADE  
DURING  
TRANSPORTING



KEYHOLE PINS  
REINSTALLED TO  
SECURE BLADE  
DURING PLOWING

