



# INSTALLATION AND OPERATORS GUIDE

(Keep with vehicle for future reference)



by

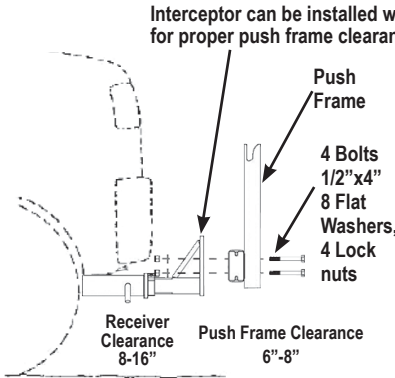


## TOOLS NEEDED:

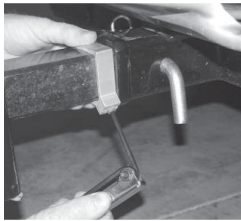
- Drill with 5/16" bit
- 9/16" socket w/ ratchet
- 3/4" box wrench (2)
- 7/16" wrench (1)
- Allen wrench 3/16"
- Protective eyewear

**Note:** Prior to plow assembly, park vehicle on level grade and install new front plow mount receiver (sold separately). Clearance under front or rear receiver should measure between 8 to 16 inches above grade.

**1**

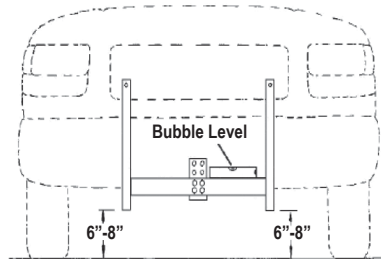


a) Insert interceptor into receiver – leg up. Secure with pins. Hold push frame against interceptor. Select 4 bolt hole pattern that positions push frame 6" – 8" above grade. If lowest bolt pattern is too high, remove interceptor and turn leg down. Bolt push frame (4 bolts 1/2" x 4" w/ flat washers and lock nuts) to proper hole height on interceptor – leave bolts snug tight for now.

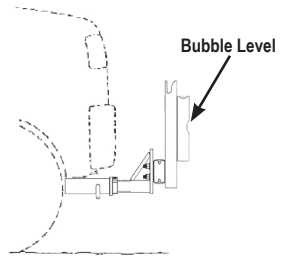
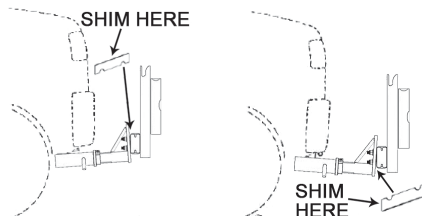


b) Push set collar tight against receiver – hold and tighten set screw with 3/16" allen wrench.

**2**



a) With bolts snug tight, level push frame horizontally.



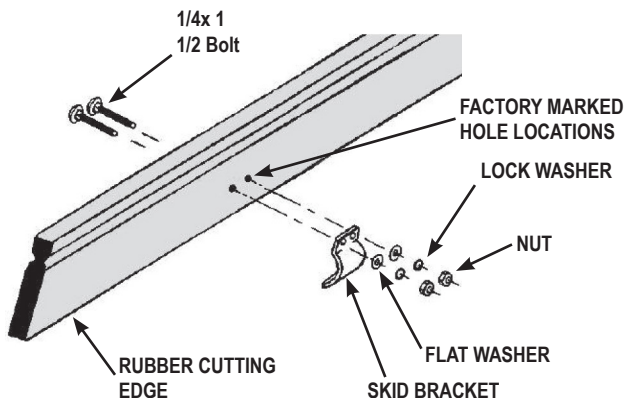
b) Check push frame for vertical plumb. If plumb, tighten 4 bolts now and go to step 3. If not plumb – refer to shim procedure at left.

c) If push frame leans towards front of vehicle, shim at top pair of bolts. If push frame leans away from front of vehicle, shim at bottom pair of bolts.

**WHEN SHIMMING IS COMPLETE – TIGHTEN ALL 4 BOLTS.**

**3**

- 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.

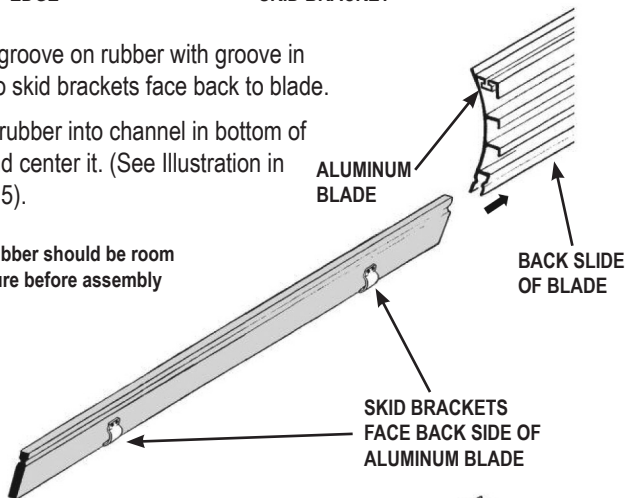


**TIP:** When mounted-skid bracket should align flush with or slightly above bottom of rubber.

**4**

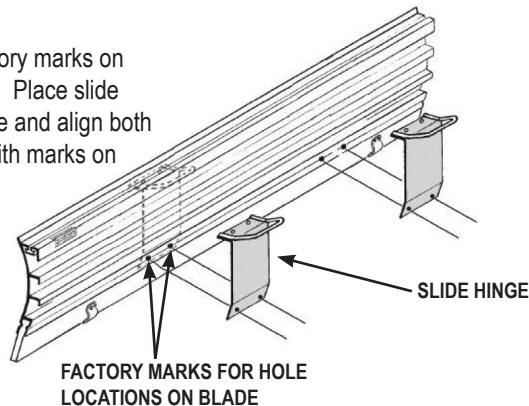
- a) Align groove on rubber with groove in blade, so skid brackets face back to blade.
- b) Slide rubber into channel in bottom of blade and center it. (See Illustration in Number 5).

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



**5**

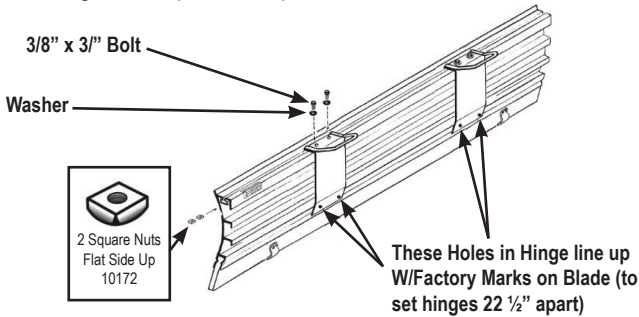
- a) Locate factory marks on back of blade. Place slide hinge on blade and align both lower holes with marks on blade.



**TIP:** When mounted-slide hinges should measure about 22 1/2" apart.

6

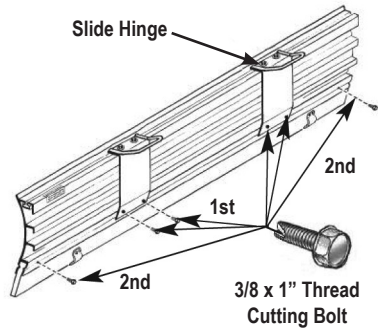
- a) Insert 2 square nuts in channel at end of blade and slide them over to line up with holes at top of slide hinge.
- b) Insert bolts through holes in slide hinge and thread onto nuts inside blade.
- c) Make sure both lower holes in slide hinge are still in line with mark on blade, then tighten 2 top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



7

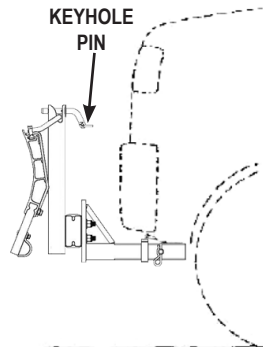
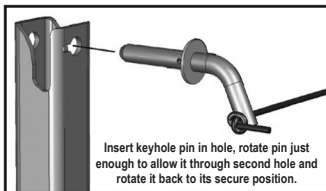
- a) First, with rubber centered on blade, use both lower holes in each slide hinge as guide to drill 5/16 inch holes through first layer of aluminum and partially into rubber. Then turn 3/8 inch thread cutting bolt into each hole and tighten to secure each hinge.

- b) Second, at factory mark near each end of blade, drill 5/16 inch hole through first layer of aluminum and partially into rubber. Turn 3/8 inch thread cutting bolt into hole and tighten.



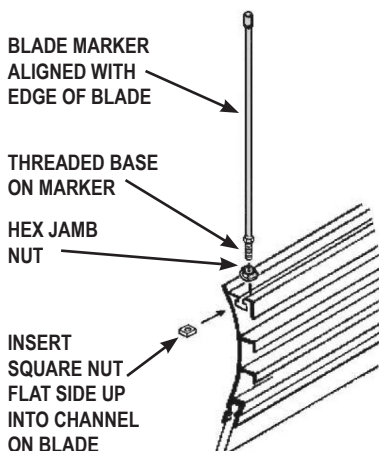
8

- a) Hang blade assembly into retainer grooves on push frame.
- b) Insert keyhole pins into holes on push frame.



9

- 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, driving in reverse disengages the blade until you are realigned for next push. Repeat this procedure until job is finished.

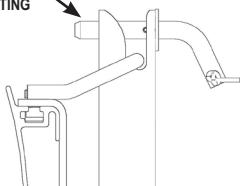
### 3. TO STORE BLADE FOR TRANSPORTING:

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

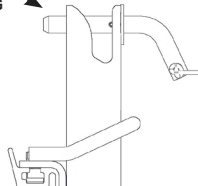
### 4. TO STORE BLADE DURING OFF SEASON:

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



# BASIC SNOWPLOWING PRACTICES AND TIPS

The SNOWSPORT®LT Utility Plow was designed to make moving snow convenient and easy by following some simple tips. Always keep current with the snowfall. It's easier to plow fresh snow. From the start of the season push the snow far enough out to allow for future snowfalls. Avoid overloading your equipment - push only enough snow with each pass to get the job done. To start a pass, accelerate slowly - allowing for tire traction and blade to accumulate snow. As you come to the end of a pass, reduce speed and apply brakes as needed. If snow is deep and/or compacted you may need to go over it two or three times.

- If blade is kept in warm storage, set blade outside and allow to cool - this prevents snow from freezing to blade when plowing.
- When transporting blade, secure it to hanger brackets with pins or locks
- Do not exceed 65 MPH when transporting plow
- Do not exceed 5 MPH when plowing
- Never pile snow on someone else's property, on street or sidewalks, by fire hydrants, mailboxes, water drains or electrical boxes
- Check with local regulations before pushing snow
- Do not pile snow near handicapped or parking areas
- Plow snow during low-traffic hours - be cautious of pedestrians and vehicles
- Never pile snow where it obstructs visibility of traffic
- Remember – always exercise safety, courtesy, and common sense
- Use lowest transmission gear, on 4WD select low range if equipped
- Be aware of engine temperature - avoid overheating
- Follow vehicle manufacturers specifications for snowplowing