OPERATIONAL PRECAUTIONS

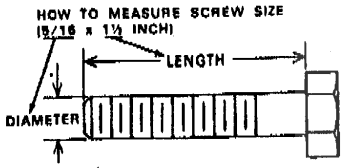
THESE INSTRUCTIONS ARE FOR YOUR PROTECTION. PLEASE READ THEM CAREFULLY.

1. Use blade only for snow removal.
2. Do not allow blade to strike curbs or other obstructions.
3. When transporting blade from one point to another, always lock latch in travel position.
4. Do not allow children to operate rider. Do not allow adults to operate without proper instruction.
5. Clear work area of large rocks or obstructions.
6. Never attempt to carry passengers. Their safety, as well as yours, may be in danger.
7. Do not allow others, including children and pets, in the area while operating rider with snowblade.
8. Take all proper precautions when leaving the rider unattended. Set the parking brake, stop the engine, remove the key, lower the blade attachment.
9. Keep the rider and snowblade attachment in good operating condition and keep safety devices in place.
10. Keep all nuts, bolts, and screws tight to be sure equipment is in safe working condition. Check all fasteners for proper tightness at frequent intervals.
11. Rider and attachments should be stopped and inspected if vibration develops or after striking a foreign object.
12. Review the operational precautions in the manual supplied with your riding mower.

ASSEMBLY

CONTENTS OF SHIPPING CARTON

1 - Snow Blade Assembly
1 - Parallel Bar Assembly
1 - Handle Assembly
1 - Handle Extension
1 - Latch Strap
1 - Right Hand Brace Tube
1 - Left Hand Brace Tube
1 - Right Hand Mounting Bracket
1 - Left Hand Mounting Bracket
1 - Quadrant Rod
1 - Pivot Link
1 - Owner's Manual
1 - Bag of Assembly Parts Containing
- 1 - Hand Grip
- 1 - Eye Bolt
- 1 - "U" Bolt
- 1 - "U" Bolt Strap
- 4 - Spacers
- 2 - 1/8 x 1 inch Cotterpins
- 2 - 1/4 inch Locknuts
- 1 - 5/16 x 1-1/2 inch Hex Head Screw
- 1 - 5/16 inch Locknut
- 2 - 3/8 x 1-3/4 inch Hex Head Screws
- 10 - 3/8 x 3/4 inch Hex Head Screws
- 13 - 3/8 inch Locknuts
- 1 - 3/8 inch Hex Nut
- 3 - 13/32 inch Flatwashers



TOOLS REQUIRED FOR ASSEMBLY

1 - ⅜ inch Wrench (or adjustable wrench)
2 - ½ inch Wrenches (or adjustable wrenches)
2 - 9/16 inch Wrenches (or adjustable wrenches)
1 - Screwdriver or Pliers (to spread cotterpin)
1 - Hammer

TO PREPARE RIDING MOWER

1. Remove mower deck. See **Mower Deck Removal** instructions in your riding mower instruction manual.

2. Locate hole in main frame under foot pad on each side near where fender is bolted to running board. Punch hole through foot pad at this location.

TO ASSEMBLE SNOW BLADE TO RIDING MOWER

This snow blade is designed to fit different types of riding mowers. Mounting instructions 1 through 8 will be slightly different for each type. Identify which type riding mower you have as follows:

SMALL FRAME - Steering sector gear is located on top side of main frame just behind engine.

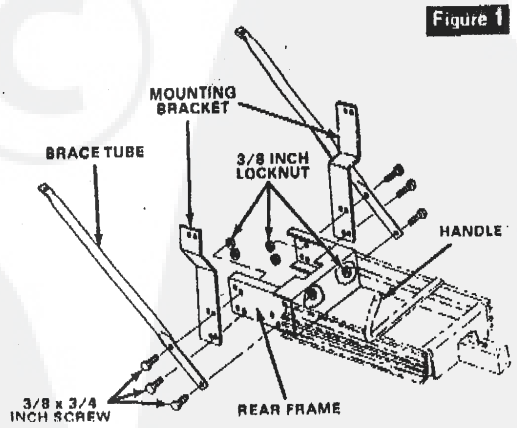
LARGE FRAME - Steering sector gear is located on bottom side of main frame just behind engine.

Assemble snow blade step by step as instructed. Disregard steps that apply to type of rider that is different than type you have. **NOTE:** Assembly of this blade will be easier with the assistance of a second person.

Small Frame Rider

1. Lay parallel bar assembly (figure 1) on flat surface with handle extending upward.

Figure 1



2. Secure mounting bracket to rear frame assembly as shown in figure 1 with a 3/8 x 3/4 inch hex head screw through lower front hole in bracket and through lower front of four holes in rear of rear frame side. NOTE: Mounting bracket top (with 2 holes) must bend outward and holes toward front of parrallel bar assembly. Secure with a 3/8 inch locknut, but do not tighten. Mounting bracket with sharp bend must be installed on left side (right or left side determined from operators position on riding mower).

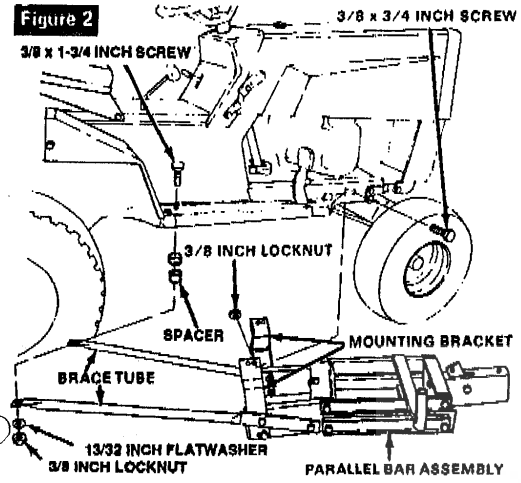
3. Secure lower end of brace tube to front of two holes in rear frame assembly as shown in figure 1 with a 3/8 x 3/4 inch hex head screw and a 3/8 inch locknut Do not tighten. NOTE: Brace tube must be installed with flat side (lower end with two holes) against outside of rear frame assembly. Tube should bend outward away from rear frame assembly and top end (with slot) should bend down slightly.

4. Place a ⅜ x ¾ inch hex head screw through upper of two holes in brace tube, through upper front hole in mounting bracket and through upper front hole in rear of rear frame assembly as shown in figure 1. Secure with a ⅜ inch locknut but do not tighten.

5. Attach mounting bracket and brace tube to opposite side in same manner.

6. Slide parallel bar assembly under front of riding mower with brace tubes toward rear wheels.

Figure 2



7. Lift front of rear frame assembly and secure mounting brackets to inside of main frame with a ⅜ x ¾ inch hex head screw through hole in side of main frame just behind where grille is attached to main frame and through front hole in top of mounting bracket as shown in figure 2. Secure with a ⅜ inch locknut but do not tighten.

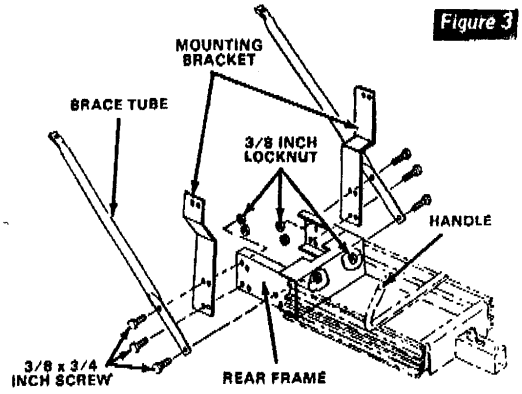
8. Secure mounting bracket to main frame on opposite side in same manner. **NOTE:** Proceed to step 9.

Large Frame Rider

1. Lay parallel bar assembly (figure 1) on flat surface with handle extending upward.

2. Secure mounting bracket to rear frame assembly as shown in figure 3 with a 3/8 x 3/4 inch hex head screw through lower front hole in bracket and through lower front of four holes in rear of rear frame side. **NOTE:** Mounting bracket top (with 2 holes) must bend outward and holes toward front of parrallel bar assembly. Secure with a 3/8 inch locknut, but do not tighten. **Mounting bracket with sharp bend must be installed on left side** (right or left side determined from operators position on riding mower).

Figure 3



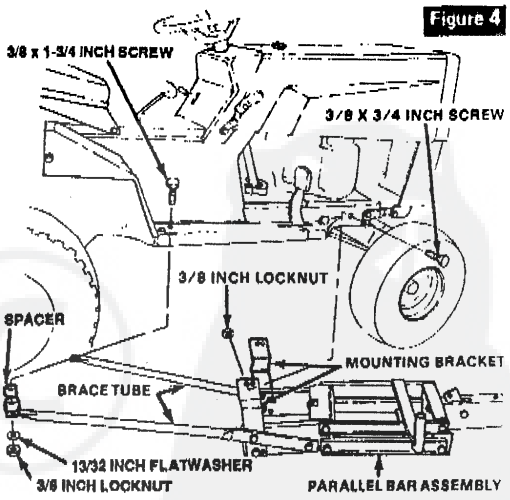
3. Secure lower end of brace tube to front of two holes in rear frame assembly as shown in figure 3 with a 3/8 x 3/4 inch hex head screw and a 3/8 inch locknut Do not tighten. NOTE: Brace tube must be installed with flat side (lower end with two holes) against outside of rear frame assembly. Tube should bend outward away from rear frame assembly and top end (with slot) should bend down slightly.

4. Place a ⅜ x ¾ inch hex head screw through upper of two holes in brace tube, through upper rear hole in mounting bracket and through upper rear hole in rear of rear frame assembly as shown in figure 3. Secure with a ⅜ inch locknut but do not tighter.

5. Attach mounting bracket and brace tube to opposite side in same manner.

6. Slide parallel bar assembly under front of riding mower with brace tubes toward rear wheels.

Figure 4



7. Lift front of rear frame assembly and secure mounting brackets to inside of main frame with a ⅜ x ¾ inch hex head screw through hole in side of main frame just behind where grille is attached to main frame and through rear hole in top of mounting bracket as shown in figure 4. Secure with a ⅜ inch locknut but do not tighten.

8. Secure mounting bracket to main frame on opposite side in same manner. **NOTE:** Proceed to step 9.

mall Frame and Large Frame Riders

9. Place a 3/8 x 1-3/4 inch hex head screw down through ole punched in foot pad as shown in figure 2 or 4. Secure rear nd of brace tube to this screw (with spacers between brace nd foot pad) with a 13/32 inch flatwasher and a 3/8 inch

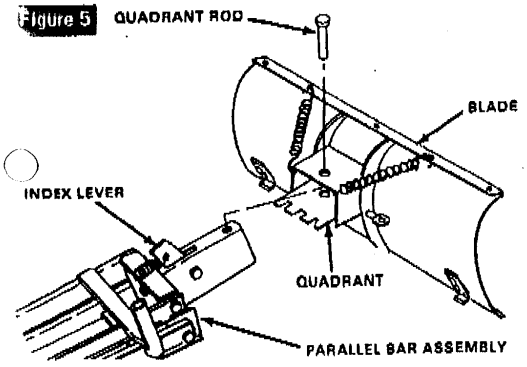
10. Secure brace tube on opposite side in same manner.

11. Tighten all screws and nuts securely.

12. Lubricate both top and bottom ¾ inch holes in front enter of square tube extending from front of parallel bar ssembly with oil or grease.

13. Move blade assembly (figure 5) to front of riding mower nd place quadrant on back side of blade over square tube xtending from front of parallel bar assembly.

Figure 5

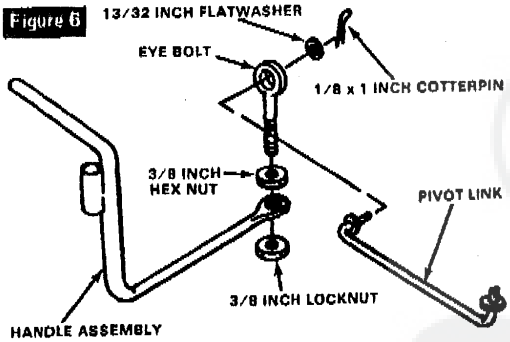


14. Attach blade to parallel bar assembly by pushing quadrant rod (figure 5) down through center holes in quadrant and parallel bar assembly. **NOTE:** Tap quadrant rod with a hammer to lodge top (rough) end of rod into top plate of quadrant.

15. Place a ⅜ inch hex (non-locking) nut all the way onto end of eye bolt (figure 6).

16. Place eye bolt through top side of hole in end of handle assembly as shown in figure 6, and attach with one ⅜ inch locknut. Tighten locknut securely, then loosen ½ turn. **OTE:** Eye bolt must be loose enough to turn but not wobble.

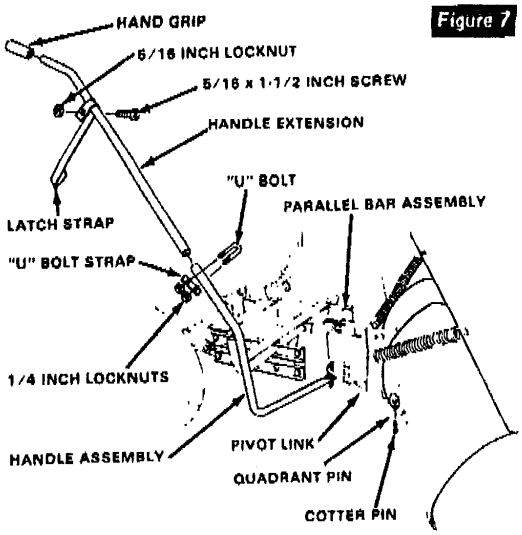
Figure 6



17. Place one end of pivot link through eye bolt as shown in figure 6 and attach with one 13/32 inch flatwasher and one ⅛ inch x 1 inch cotterpin. Spread end of cotter pin with a screwdriver or pliers.

18. Place tube on side of handle assembly (figure 7) down over handle extending up from right front side of parallel bar assembly. **NOTE:** Be sure that pivot link (attached to bottom end of handle assembly) extends forward and front bend in

Figure 7



19. Hook front end of pivot link up through hole in quadrant pin (extending from right side of quadrant on blade). Secure with a cotterpin.

20. Place "U" bolt strap onto "U" bolt and start ¼ inch locknuts on "U" bolt.

21. Place "U" bolt over top end of handle assembly and push down about 6 inches. Tighten nuts on "U" bolt just enough to hold in place.

22. Place handle extension (figure 7) over top end of handle assembly.

23. Sit on riding mower and adjust length of handle extension to most comfortable position. **NOTE:** Be sure that handle extension does not touch fender when pushed all the way down. Tighten nuts on "U" bolt to stop handle extension at selected position.

24. Place latch strap (with rounded end) over handle extension as shown in figure 7 with open end out. Secure with a 5/16 x 1½ inch hex head screw (from inside out) and a 5/16 inch locknut. Do not tighten.

25. Sit on riding mower, push down on handle extension until blade is fully lifted, turn handle so that lower end of latch hooks under running board. Adjust latch strap on handle so that it does not interfere with brake-clutch pedal operation. Tighten screw securing latch strap to handle extension.

26. Place hand grip onto top end of handle extension.

27. Remove handle extension and lubricate top end of handle assembly with oil or grease. Reinstall handle extension.

28. Push down on handle extension, turn handle to unhook handle latch and push handle to the right (or outward) to rotate blade to the right. Pull handle left (or inward) to rotate blade to left.

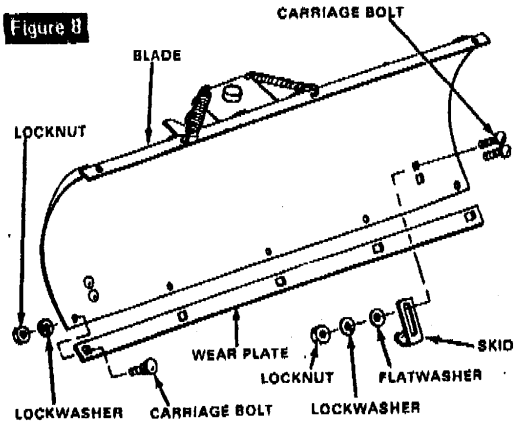
29. Position blade in a straight position in front of riding mower (not angled right or left). Lower blade to flat surface.

30. If wear plate (figure 8) does not touch surface all the way across blade, loosen nuts on back side of blade that secure wear plate and push plate down against surface. Retighten nuts.

31. If snow is to be removed from a smooth surface:

A. Place blade in a straight position and all the way down on a flat surface.

Figure 8



B. Loosen screws securing skids (figure 8) located on back side of blade.

C. Push skids down against flat surface and retighten nuts.

32. If snow is to be removed from a rough surface:

A. Place blade in a straight position and all the way down on a flat surface.

B. Place a block under each end of blade (equal thickness) to raise blade for desired amount of clearance.

C. Loosen screws securing skids (figure 8) located on back side of blade.

D. Push skids down against flat surface and retighten nuts.

OPERATION

Before using the snow blade, be sure that you know all the controls for both the riding mower and the blade. **See Riding Mower Manual** for rider operating instructions.

CAUTION: Remember that you cannot see objects below the surface of the snow. Keep the area you intend to plow free of rock, bottles and other debris as these objects freeze to the surface. We recommend that you operate your riding mower in low gear over rough surfaces or areas you are not totally familiar with.

DO NOT allow blade to strike curbs and other obstructions. If the leading edge of the blade does strike a solid object, the blade springs will allow the blade to pivot on the quadrant assembly. If this happens, back up slightly and raise blade. Blade springs will snap blade back into position.

42" SNOW BLADE ATTACHMENT MODEL 5661-0600

Key No.	Part No.	Description
1	180128	*Screw, Hex Hd, 3/8-16 x 1-3/4 In.
2	55604	Brace, R.H.
3	55605	Brace, L.H.
4	120393	*Flatwasher, 11/32 In.
5	301006	Spacer
6	122119	*Screw, Hex Hd, 3/8-16 x 3/4 In.
7	300850	Bracket, R.H.
8	300849	Bracket, L.H.
9	9413534	Locknut, Hex, 3/8-16 Thd.
10	300847	Rear Frame Assembly
11	120233	*Screw, Hex Hd, 3/8-16 x 1 In.
12	55599	Spacer, Bar
13	55581	Parallel Bar Assy., Upper
14	55591	Parallel Bar Assy., Lower
15	122194	*Screw, Hex Hd, 3/8-16 x 2-1/2 In.
16	51532	Frame Assembly
17	48977	Bar, Index
18	41357	Spring, Tension
19	137185	*Cotter Pin, 1/8 x 1 In.
20	120394	*Flatwasher, 13/32 In.
21	55580	Link, Index
22	48982	Rod, Quadrant
23	48979	Spring, Blade
24	55571	Quadrant Assembly

Key No.	Part No.	Description
25	48952	Blade Assembly
26	126358	*Carriage Bolt, 1/4-20 x 1 In.
27	48974	Wear Strip
28	25091	Skid
29	120638	*Lockwasher, Split, 5/16 In.
30	120376	*Nut, Hex, 5/16-18 Thd.
31	48981	Pin, Quadrant
32	120518	Carriage Bolt, 1/4-20 x 3/4 In.
33	120380	*Lockwasher, Split, 1/4 In.
34	120375	*Nut, Hex, 1/4-20 Thd.
35	48976	Link, Pivot
36	48990	Eye Bolt, 3/8-16 x 1 In.
37	124829	*Jam Nut, Hex, 3/8-16 Thd.
38	48970	Handle Assembly, Lower
39	9424215	Locknut, Hex, 1/4-20 Thd.
40	55608	Strap, U-Bolt
41	55607	U-Bolt
42	48983	Extension, Handle, Upper
43	122040	*Screw, Hex Hd, 5/16-18 x 1-1/2 In.
44	55688	Latch
45	8240	Grip, Upper Handle
46	9413447	Locknut, Hex, 5/16-18 Thd.
47	302221	Owner's Manual (Not Illustrated)

(*) Standard Hardware Items - May Be Purchased Locally.