INSTRUCTION SHEET 8241 ROTATION BY CYLINDER

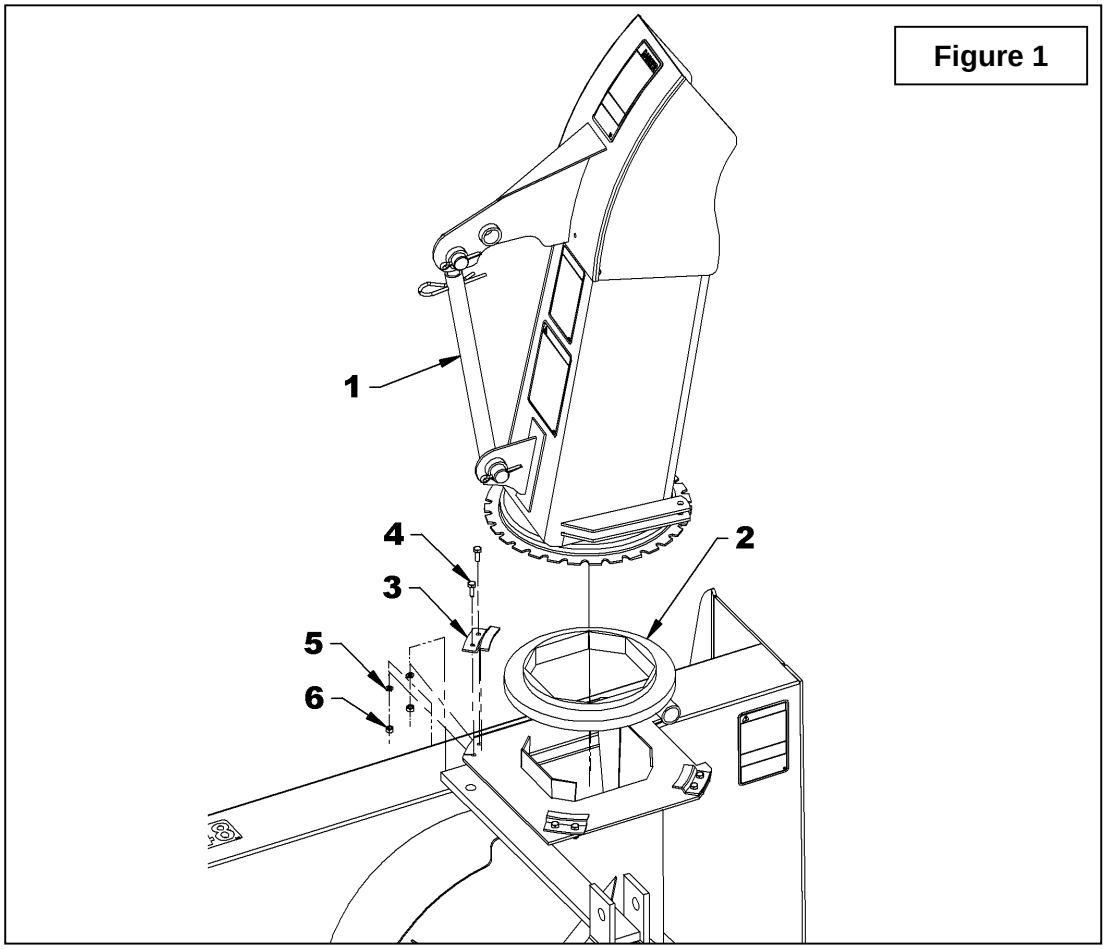
APPLICATION:

B48 48" Snowblower
2" x 6" cylinder required (not included).

INSTALLATION

Chute Installation
(Figure 1)

1. Place the rotation bushing (item 2) on the snowblower placing the elevated part up and towards the center of the housing.
2. Install the chute (item 1) on the rotation bushing (item 2) applying grease between the two.
3. Place the four retaining plates (item 3) and secure in place with eight 1/4"NC x 3/4" bolts (item 4), lockwashers (item 5) and nuts (item 6). Tighten all the bolts firmly.



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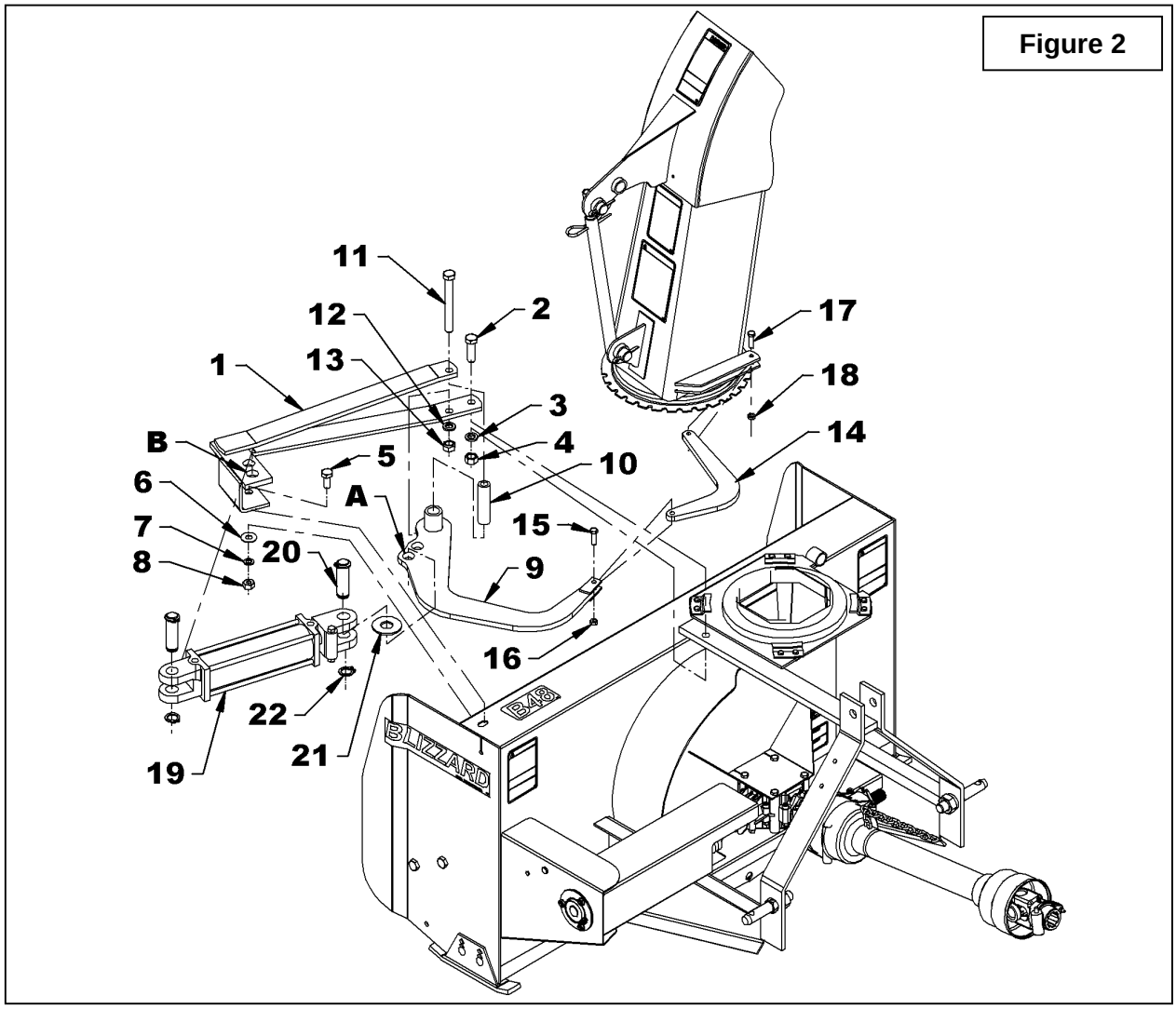
Installation of the Rotation
(Figure 2)

1. Attach the rotation bracket (item 1) in the ∅21/32'' hole in the housing with a 5/8''NC x 2'' hex. bolt (item 2), a 5/8" lockwasher (item 3) and a 5/8" nut (item 4).
2. Attach the other end of the bracket (item 1) in the Ø9/16" x 1" slot in the housing with a 1/2"NC x 1 1/4" hex. bolt (item 5), a Ø9/16" hole flat washer (item 6), a 1/2" lockwasher (item 7) and a 1/2" hex. nut (item 8). Tighten the bolts firmly.
3. Attach the bell rank (item 9) by inserting the pivot bushing (item 10) in the bell crank tube and slide the bell crank between the flat bars of the rotation bracket (item 1). Secure everything with a 5/8''NC x 5 1/2" hex. bolt (item 11), a 5/8" lockwasher (item 12) and a 5/8" stover nut (item 13) in the order shown. Tighten firmly.



INSTRUCTION SHEET

4. Fasten the push arm (item 14) by sliding it between the bell crank arms (item 9), greasing generously inside the hole first. Insert a 3/8'' x 1 1/4''' bolt (item 15) from the top and secure with a 3/8''NC stover nut (item 16). Tighten leaving some movement to the mechanism.

5. Slide the other end of the push arm between the flat bars welded on the base of the chute, greasing generously inside the hole first. Secure everything with a 3/8'' x 1 1/4" bolt hex. bolt (item 17) and a 3/8"NC stover nut (item 18). Tighten leaving some movement to the mechanism.

6. Attach the fixed section of the cylinder (item 19) to the rotation bracket (item 1, hole "B") and the sliding section to the bell crank (item 9, hole "A") sliding a Ø 1 1/16" flat washer (item 21) between the cylinder yoke and the top of the bell crank and secure with the cylinder pins (item 20) and the circlips (item 22). Point the hydraulic ports upward as illustrated.

NOTE: The 1 1/16" hole flat washer (item 21) prevents the cylinder yoke from rubbing on the bell crank.

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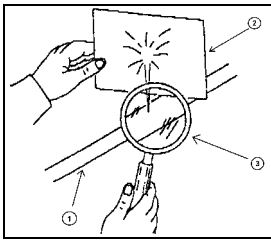
WARNING: To avoid serious personal injury: Escaping hydraulic/diesel fluid under pressure can penetrate the skin causing serious injury.

- **Do not use your hands to check for leaks. Use a piece of cardboard or paper to search for leaks.**



(1) Hydraulic line
(2) Cardboard
(3) Magnifying glass

- **Stop engine and relieve pressure before connecting or disconnecting lines.**
- **Tighten all connections before starting engine or pressurizing lines.**
- **If any fluid is injected into the skin, obtain medical attention immediately or gangrene may result.**

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HYDRAULIC ROTATION

REF.	DESCRIPTION	QTY	PART #
1	Rotation bracket	1	667705
2	Bell crank	1	667703
3	Push arm	1	667704
4	Pivot bushing	1	667706
5	Bolt hex. 5/8" NC x 5 1/2", gr. 5 PTD	1	O/L
6	Lockwasher 5/8" PTDE	2	O/L
7	Stover nut hex 5/8" NC PTD	1	1100007
8	Bolt hex. 5/8" NC x 2" gr. 5 PTD	1	O/L
9	Nut hex. 5/8" NC PTD	1	O/L
10	Bolt hex. 1/2" NC x 1 1/4", gr.5 PTD	1	O/L
11	Flat washer 9/16" PTD	1	O/L
12	Lockwasher 1/2" PTD	1	O/L
13	Nut hex. 1/2" NC PTD	1	O/L
14	Flat washer 1 1/16"	1	O/L
15	Bolt hex. 3/8" NC x 1 1/4" gr. 5 PTD	2	O/L
16	Stover nut hex 3/8" NC PTD	2	1100003
17	Decal "Danger"	1	664548