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WARRANTY REGISTRATION AND POLICY

Buhler Manufacturing products are warranted for a period of twelve (12) months from original date of purchase, by original purchaser, to be free from defects in material and workmanship under correct, normal agricultural use and proper applications.

Buhler Manufacturing's obligations under this warranty shall be limited to the repair or exchange, at Buhler Manufacturing's option, of any Buhler Manufacturing product or part which proves to be defective as provided. Buhler Manufacturing reserves the right to either inspect the product at the buyer's location or have it returned to the factory for inspection.

The above warranty does not extend to goods damaged or subject to accident, abuse or misuse after shipment from Buhler Manufacturing's factory, nor to goods altered or repaired by anyone other than an authorized Buhler Manufacturing representative.

Buhler Manufacturing makes no Express Warranties other than those, which are specifically described. Any description of goods, including any references and specifications in catalogues, circulars and other written material published, is for the sole purpose of identifying goods and shall conform to such descriptions. Any sample or model is for illustrative purposes only and does not create an Express Warranty that the goods conform to sample or model shown.

The purchaser is solely responsible for determining suitability of goods sold. This warranty is expressly in lieu of all other warranties expressed or implied. Buhler Manufacturing will in no event be liable for any incidental or consequential damages whatsoever. Nor for any sum in excess of the price received for the goods for which liability is claimed.

WARRANTY CLAIMS:

Warranty requests must be prepared on Buhler Manufacturing Warranty Claim Forms with all requested information properly completed. Warranty Claims must be submitted within a thirty (30) day period from date of failure repair.

WARRANTY LABOR:

Any labor subject to warranty **must** be authorized by Buhler Manufacturing. The labor rate for replacing defective parts, where applicable, will be credited at a rate determined by the Company, Buhler Manufacturing.

IMPORTANT FACTS:

Buckets and Bucket Tines Carry No Warranty

Bent Spears Carry No Warranty
Snowblower Fan Shafts Carry No Warranty

Mower Blades Carry No Warranty

Portable Auger Parts Have Two (2) Year Warranty



CAUTION

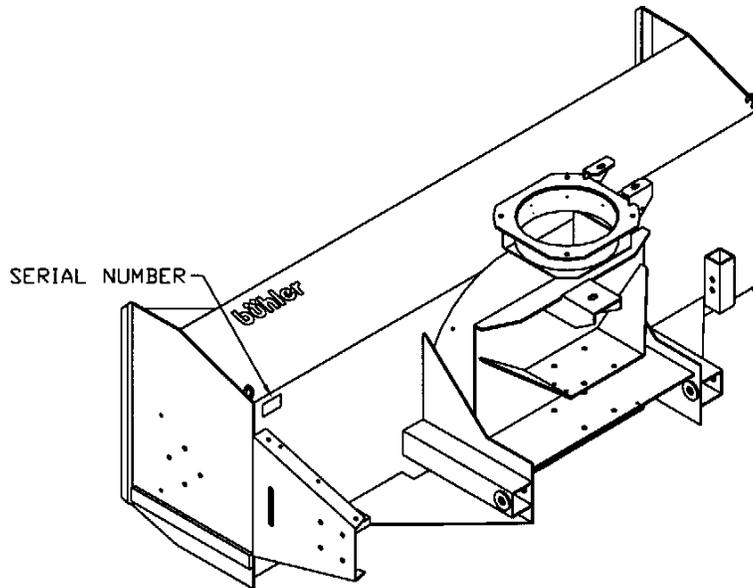
1. Always review operator's manual before starting new machine.
2. Do not let inexperienced operators or children run this equipment.
3. Never service or clean unit while it is running.
4. Do not remove shields.
5. Stay clear of augers.
6. Stay clear of discharge chute. Rocks can be picked up and thrown.
7. Do not operate in the fully raised position.
8. Relieve pressure on hydraulic system before repairing or adjusting.
9. Wear hand and eye protection when looking for hydraulic leaks. Use cardboard to look for leaks.
10. The quick tach must be securely locked in place before using snowblower.
11. Poor judgment results in accidents. Always be careful.
12. Remember a careful operator is the best insurance.

THIS SYMBOL MEANS



STAY ALERT! WATCH FOR IT!

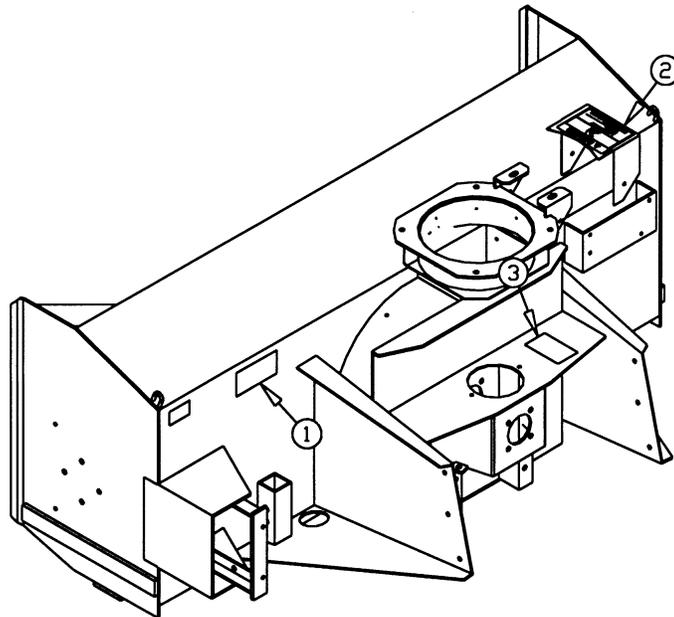
SNOWBLOWERS



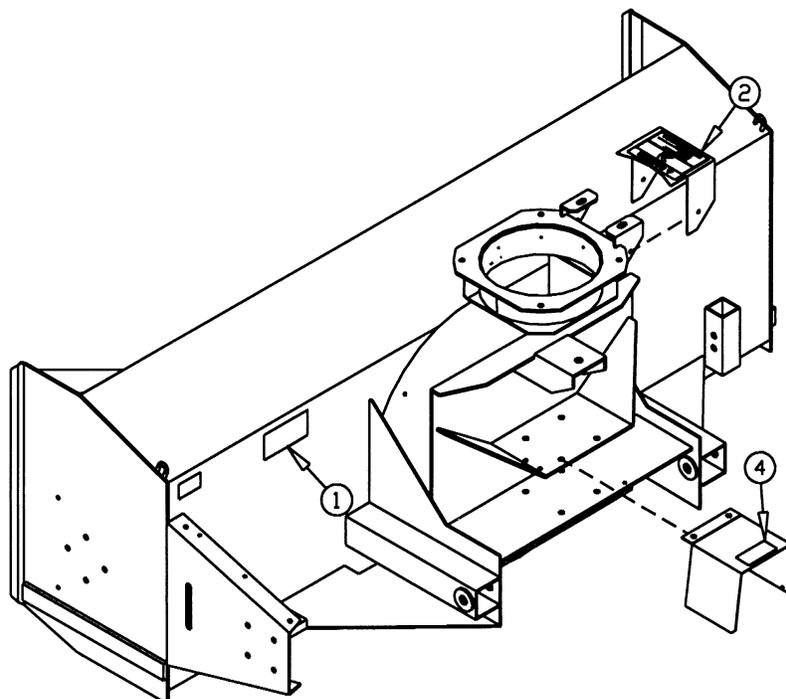
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This manual is for both Commercial Hydraulic Snowblowers and Commercial PTO Drive Snowblowers. The hydraulic models come in 60", 74" and 84" widths. The PTO drive model is only available in an 84" width. Hydraulic models come with four different motor series. Hydraulic output on the equipment running the Snowblower must match the requirement for each motor series for the Snowblower to work. The hitch is a skid steer fixed type of quick hitch. The PTO drive model runs at 540 rpm. It is supplied with category 2 hitch pins. There is a shear bolt on the auger and two on the PTO shaft to protect the machine from damage if a large object is picked up. All Snowblowers come with a hydraulic chute control as standard.

DECALS

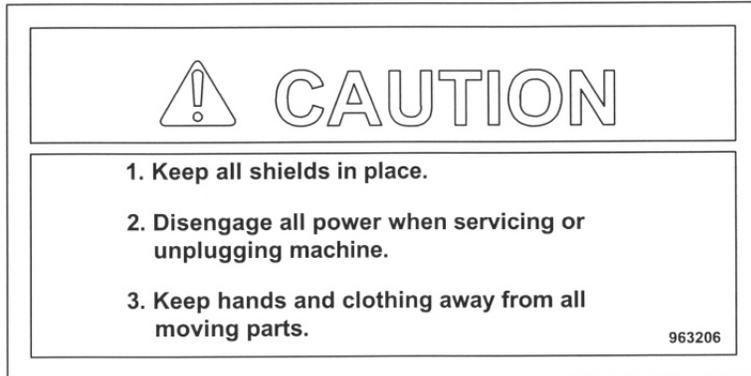


SC-08

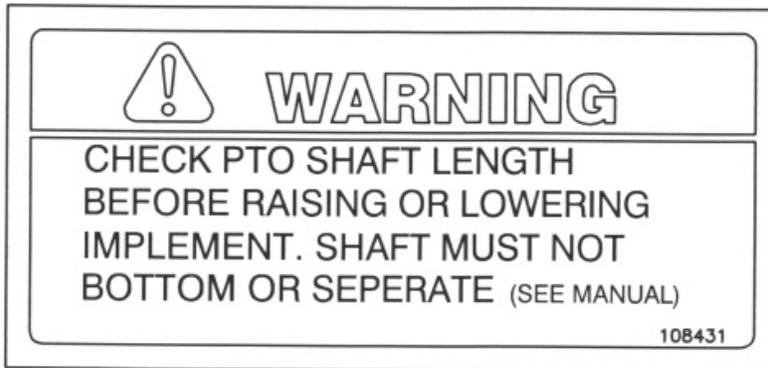


SC-09

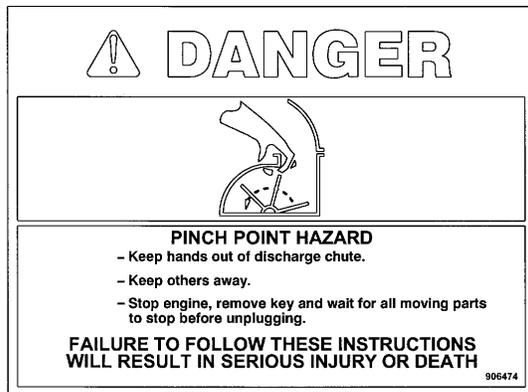
DECALS – cont'd.



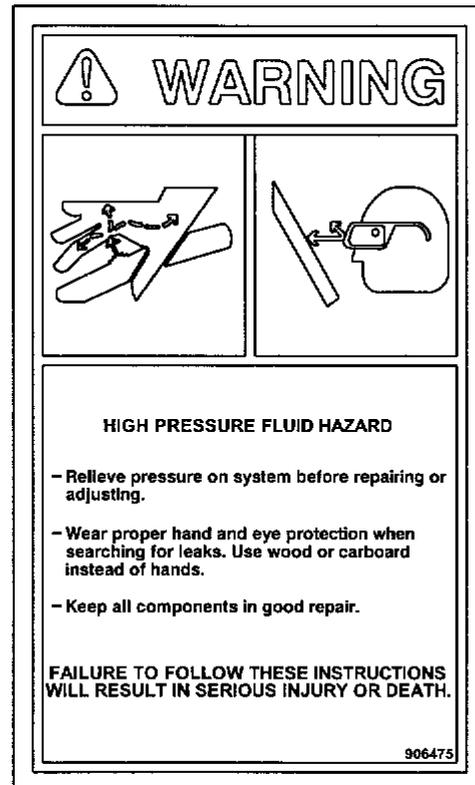
#1



#4



#2



#3

OPERATING INSTRUCTIONS

1. HYDRAULIC DRIVE: All snowblower hydraulic blocks are set at the factory for a 2800 - 3000 psi system. Refer to the section on the hydraulic control block if your system does not fall into this range.
2. ALL: Depth of the cut can be partially controlled by tilting the snowblower forward or backward.
3. PTO DRIVE: Adjust the top link of the tractor hitch so the snowblower is just slightly tilted back when resting on the ground. **CAUTIC** ⚠ Excessive backward tilt may cause the “U” joints to flutter resulting in PTO shear bolt failure.
4. PTO DRIVE: The inside holes on the hitch are spaced to fit a category 2 quick hitch using the pins supplied. The hitch will also fit category 2 three point arms or category 3 if you add bushings.
5. PTO DRIVE: Adjust the lower link sway chains or blocks on the tractor to restrict movement of the blower when operating.
6. ALL: All snowblowers have a hydraulic control spout and spout deflector. Refer to the hydraulic control block section. The pressure to the chute control is regulated by the two modulating elements (#14a and #14b). Each controls the hydraulic pressure in one direction. They are set at the factory to about 2 ½ turns. If the pressure is too low, the chute won't turn. If the pressure is too high you could damage the teeth on the spout control ring. To adjust the pressure, you loosen the lock nut on the modulating valve and back off the adjusting screw till the screw turns freely by hand. Turn the screw in till you feel it making contact and turn in 2 ½ turns. Start with this setting to do any fine adjustment if necessary. Pressure should not go over 1000 psi.

The deflector cylinder pressure is regulated by modulating element (#14a). It is set at the factory to about 2 turns. If pressure is too low it will not operate. Excess heat will be generated if it is set too high. Adjust if necessary as per previous paragraph. Operating pressure should be about 700 psi.

7. ALL: Run the snowblower at low rpm to check operation before blowing snow.
8. PTO DRIVE: The blower has two shear bolts to protect the tractor and blower in case a large object enters the blower. PTO shear bolt – two 5/16” x 1” (grade 8); auger shear bolt – 5/16” x 1 ¼” (grade 5). Shear bolts should be fastened with a lock nut or two jam nuts. These bolts must be tight to prevent wear of the bolts and bolt holes.
9. PTO DRIVE: Never run PTO at over 600 rpm.

OPERATING INSTRUCTIONS – cont'd.

10. ALL: Chain tension on auger chain should be set at 3/8" to 1/2" slack.
11. LUBRICATION:
 - a) ALL: The gear teeth on the chute control should be periodically lubricated with gun grease.
 - b) PTO DRIVE: PTO shaft universal joints and square shaft slide should be periodically lubricated with a grease gun.
 - c) ALL: Regularly oiling the chain will significantly increase the life of the chain.
 - d) PTO DRIVE: Use any 80-90 gear oil or multigrade with 80 minimum in the gearbox up to the level plug height.
12. ALL: Periodically check all bolts for tightness. The bolt holding on the fan and the bearing bolts are of particular importance.
13. HYDRAULIC DRIVE: Always use goggles and gloves when checking for hydraulic leaks. Use a piece of cardboard instead of your hands to look for leaks.
14. ALL:  Always shut off snowblower for servicing or unplugging. Disengage hydraulics or PTO shaft.
15. PTO DRIVE: Check the shear sprocket at the beginning of every season to make sure it will spin freely. Clean to loosen if necessary.
16. ALL: When replacing bearings or tightening a loose bearing collar, always tighten collar in the direction of shaft rotation using a center punch or a similar tool.
17. HYDRAULIC DRIVE:  **WARNING:** The locking pins must extend through the holes in the attachment when mounting the snowblower to an implement. Levers must be fully down and locked. Failure to secure pins can allow attachment to come off and cause injury or death.

HYDRAULIC CONTROL BLOCK

NON-STALLING-FAN FEATURE:

The Hydraulic Snowblower has a unique modulating element that keeps the blower fan from stalling in an overloaded condition. This is accomplished by starving the hydraulic flow to the front auger motor (which then stops feeding the fan) and diverts all of the flow (and energy) to the main fan motor. As the fan clears itself, and the pressure drops, the auger again begins feeding according to load. When the system is set up properly the fan motor should not stall or plug up.

MODULATING ELEMENT SETUP:

For optimum performance the modulating element (#4) (Fig. 1) must be adjusted to match the system pressure of the tractor being used. The factory setting is for a 2800-3000 psi system. If your system is less, you should make adjustments accordingly. For adjustment:

Loosen the LOCK NUT (on the MODULATING VALVE (#4)) and back off the adjusting screw till the screw turns freely by hand, and then turn it in till you feel the screw making contact with the pressure spring. One turn sets the pressure up by about 600 psi.

For 2100 psi turn the screw in 3 ½ turns.

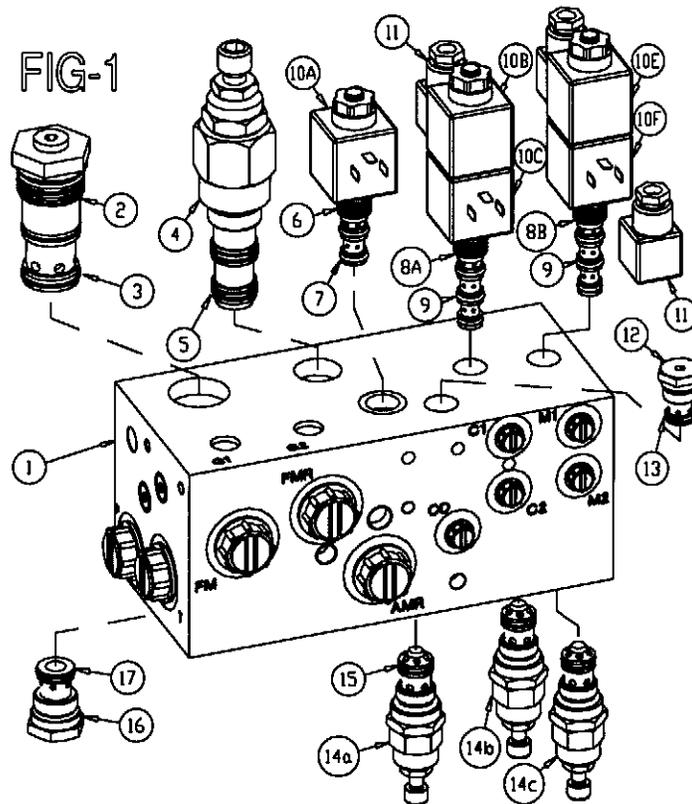
For 2400 psi, turn in 4 turns

For 2700 psi, turn in 4 ½ turns

For 3000 psi, turn in 5 turns.

If the fan stalls (in an over load condition), the (#6) element is set too high. If the Auger slows and stops too soon, it is set too low. Once it is set it should not need to be adjusted any more.

Since there are a number of unknown variables that are unique to almost every situation, it is difficult to give an exact setting for a particular model. The variables are: hose size and length, type and size of quick couplers, etc.



SC-10

| NO. | DESCRIPTION | PART NO. |
|------|-----------------------|----------|
| 1 | Main Block | 905669 |
| 2 | Logic Element | 813922 |
| 3 | Element Seal Kit | X2732 |
| 4 | Control Valve | 813923 |
| 5 | Seal Kit | X2733 |
| 6 | No-Load Valve | 813924 |
| 7 | Seal Kit | X2734 |
| 8ab | Chute Cont. Valves | 813925 |
| 9 | Seal Kit | X2735 |
| 10a | No-Load Press. Coil | 813926 |
| 10bc | Chute Up Down Coil | 813926 |
| 10ef | Chute Left Right Coil | 813926 |
| 11 | Harness Assembly | X2572 |
| 12 | Check Valve | 813959 |
| 13 | Seal Kit | X2736 |
| 14a | No-Load Control | 813930 |
| 14bc | Torque Limit Control | 813930 |
| 15 | Seal Kit | X2737 |
| 16 | Check Valve | 813931 |
| 17 | Seal Kit | X2745 |

ASSEMBLY INSTRUCTIONS

1. SPOUT ASSEMBLY FOR ALL SNOWBLOWERS: Remove two of the grooved spout rollers to mount the discharge spout. Replace the two rollers to hold spout in place. Install the 2 ½" x 8" cylinder on the spout using the pins supplied.
2. HYDRAULIC DRIVE: The 62" long hydraulic lines (#14) for the spout deflector cylinder should be connected to the two ports on the hydraulic block labeled C1 and C2 (see section on hydraulic control block for block drawing). The 30" long lines (#15) from the spout control motor connect to the two ports labeled M1 and M2 on the hydraulic block. The ¾" diam. x 84" main lines (#21) connect to the implement. **NOTE:** The customer must supply the appropriate tips to connect the main lines to the implement. A two-piece wiring harness is supplied with all hydraulic snowblowers. The 45" part of the harness is mounted on the snowblower. One end of this wire connects to the control block. The plug end mounts on a bracket welded to the top edge of the quick hitch. The 155" part of the harness with the switch is connected to the plug on the harness mounted on the snowblower. A switch mounted in the cab controls the spout and the deflector. The alligator clips attach to the battery which acts as a power source. A schematic of the wiring harness is included in this manual.
3. PTO DRIVE:
 1. Slide the two hitch adaptor weldments (#17) into the sleeves on the body. These tubes are adjustable to three different positions. The correct position for each individual tractor will be determined when mounting the snowblower on the tractor (see section on mounting blower on tractor). Start with the tubes pulled out to the last hole. Connect to the snowblower using pins (#71) and linch pins (#73).

Mount the hitch Weldment (#7) to the body. The top arm of the hitch bolts on top of the bracket on the body using a ¾" x 1 5/8" bolt, lock washer and hex nut. The bottom of the hitch bolts to the outside of the two hitch adaptors using 5/8" x 1 ¾" hex bolts, flat washers, lock washers and hex nuts.

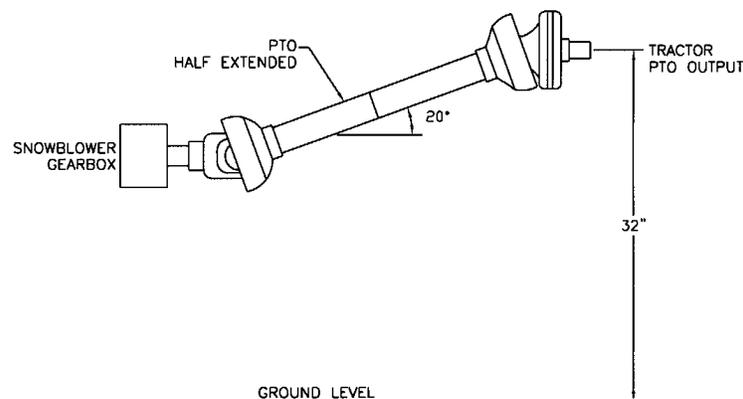
2. Connect two 108" hoses (#76) to the hydraulic spout control motor and two hoses to the cylinder on the discharge spout. Connect these hoses to the tractor after mounting the snowblower on the tractor.
3. Mounting blower on tractor:
 - a) The pins supplied with the snowblower are for a category 2 quick hitch. The quick coupling hitch has two holes both at the top of the hitch and at each lift arm. When using a quick coupler, the pins must be in the inside set of holes. Use the outside set of holes with a standard three-point hitch.

ASSEMBLY INSTRUCTIONS – cont'd.

- b) Using tape or a bright colored marking pen, mark on the outer shields the position where the shaft is completely pushed together and the position where you have a 4" overlap. Watch these marks when moving the blower through all possible operating angles to see that the PTO shaft stays within this range.
- c) With the engine on the tractor shut off, attach the PTO shaft. The tractor end has a standard 6-spline end with a spring loaded locking collar. The snowblower end has a clamp-style yoke with a 3/8" key way. Slide the yoke onto the gearbox shaft with the 3/8" key supplied. Lock the yoke in place with the 1/2" x 3" bolt and lock nut fitted through the groove in the gearbox shaft. After tightening the bolt, insert and tighten the 3/8" socket set screw supplied.

⚠ Caution: Always check to see that both ends of the PTO shaft are securely attached every time the Snowblower is used. This should always be done with the tractor engine off.

- d) Check that the PTO shaft does not bottom or separate with the blower in the extreme high and low positions. A longer optional PTO shaft is available if the standard shaft is too short. Check for free movement of all parts in various raised positions; particularly the PTO shaft.
- e) **NOTE:** Excessive U-joint wear and shear pin failure may result if the tractor PTO angle exceeds 20°. The drawing below gives an approximate way to check this angle. With the PTO half extended, the tractor output should not be over 32 inches high. Use 34 inches if the PTO is nearly compressed.



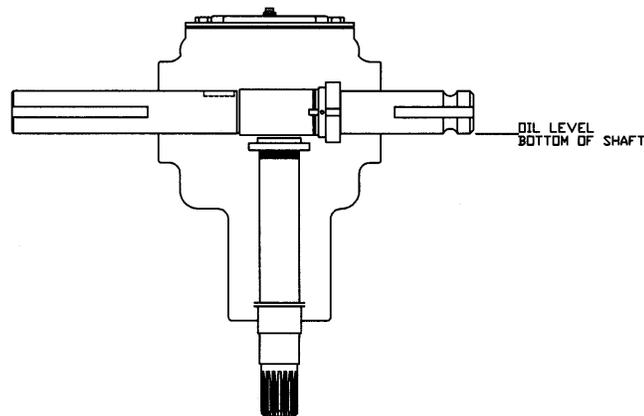
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ASSEMBLY INSTRUCTIONS – cont'd.

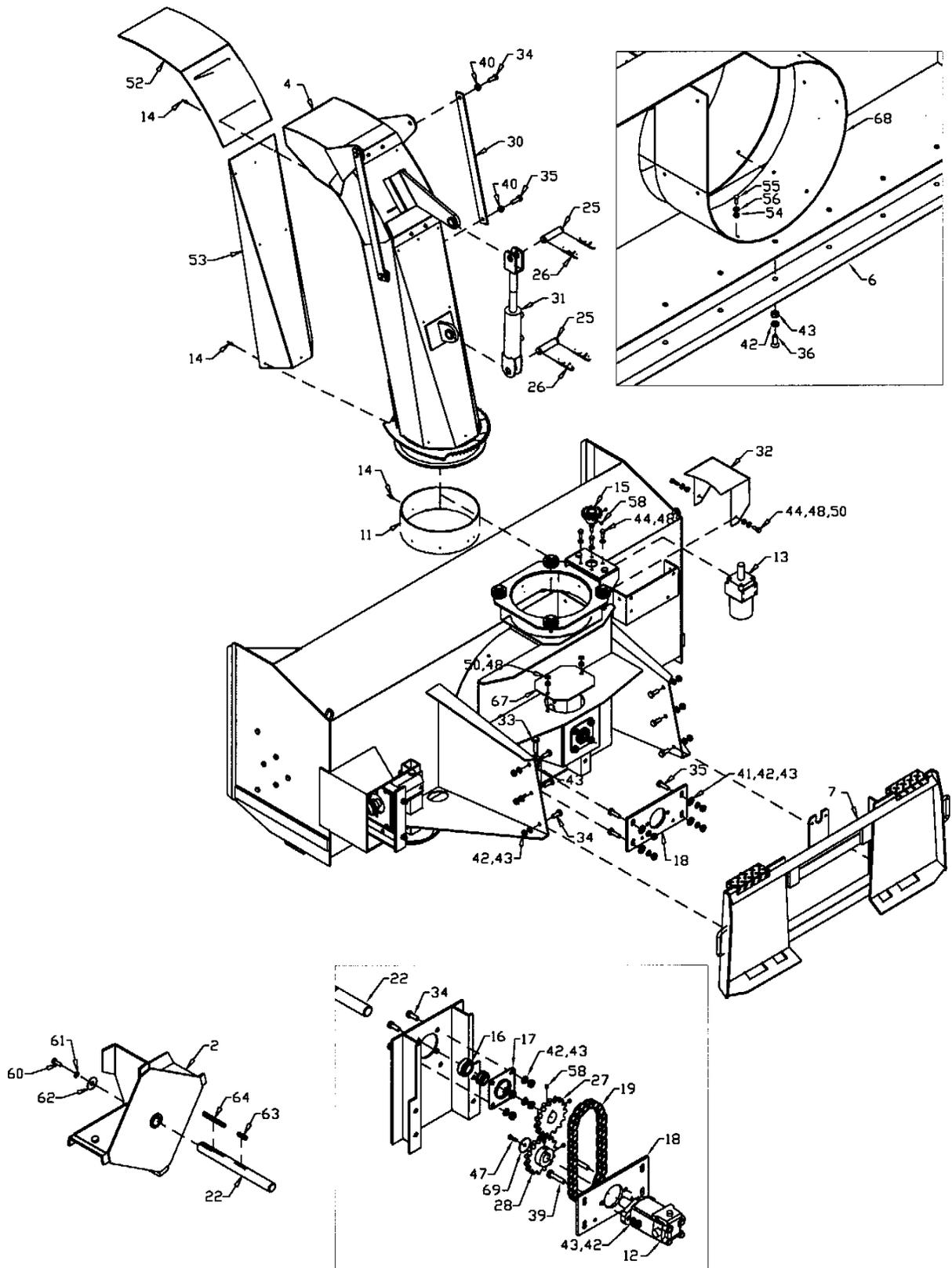
4. PTO SHIELD: All PTO snowblowers are supplied with a PTO shield (#18). To install, remove the two rear bolts at the top of the gearbox (#34). Bolt the PTO shield to the gearbox by the hinges using these same bolts. A utility spring (#68) keeps the shield in place. Hook one end of the spring in the hole in the shield and the other end to the hole in the brace under the gearbox.

⚠ CAUTION: Do not run the snowblower without this shield in place.

REFILLING GEARBOX WITH OIL: If the gearbox requires refilling with oil because of repairs to the gearbox, add oil to the level shown in drawing. Check the level regularly using the plug in the lid. The correct level is even with the bottom of the plug.



SB-09



WHEN ORDERING PARTS

Always give your dealer the Model and Serial Number of your machine to assist him in ordering and obtaining the correct parts. Use the exploded view and tabular listing of the area of interest to exactly identify the required part.

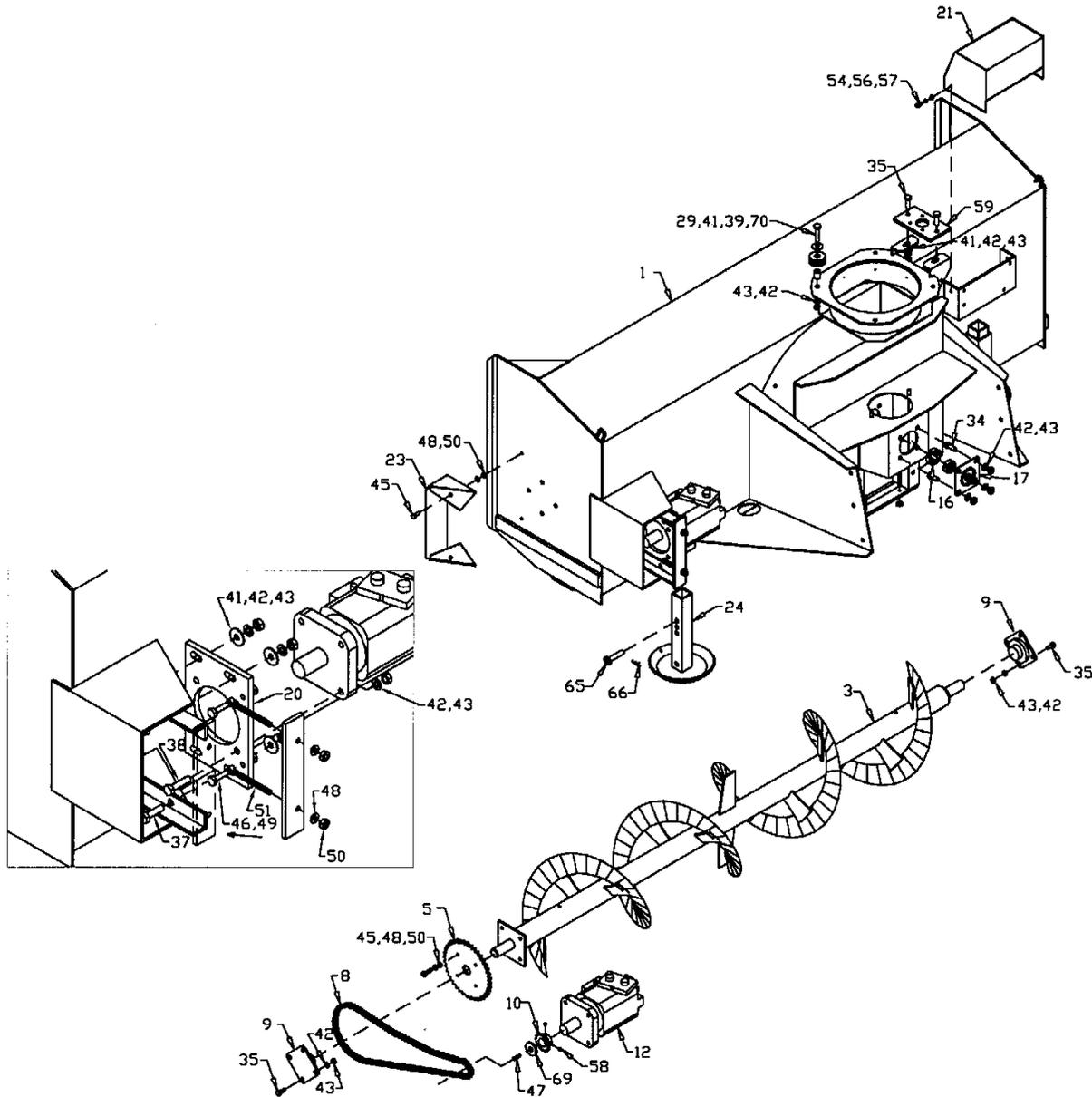
Hyd Commercial Series Snowblower - 22" Housing

| Item # | Part # | Description |
|---------------|---------------|--|
| 1 | 905536 | Main Body Weldt - 74" |
| | 905534 | Main Body Weldt - 60" |
| 2 | 905226 | Fan Weldt - 22" |
| 3 | 905206 | Auger Weldt - 74" |
| | 905210 | Auger Weldt - 60" |
| 4 | 905550 | Spout Weldt |
| 5 | 965912 | 40 Tooth Sprocket #60, 1 3/8" Bore |
| 6 | 902880 | Cutting Edge (74") |
| | 902883 | Cutting Edge (60") |
| 7 | 905291 | Adaptor |
| 8 | 906658 | Roller Chain (#60H x 72 Links w/ Conn) |
| 9 | 965426 | 1 3/8" Housing W/ Bearing |
| | 965430 | 1 3/8" Bearing W/ SS Lock |
| 10 | 906322 | Auger Sprocket 15T #60 (1 1/4" Bore) (Ser 1 - 3) |
| | 906323 | Auger Sprocket 15T #60 (1 1/2" Bore) (Ser 4) |
| 11 | 906332 | Spout Liner |
| 12 | 905623 | Fan Motor - 2 Hole (Ser 1) |
| | 905694 | Fan Motor - 2 Hole (Ser 2) |
| | 905695 | Fan Motor - 2 Hole (Ser 3) |
| | 905624 | Fan Motor - 4 Hole (Ser 4) |
| 13 | 906335 | Spout Motor |
| 14 | 967440 | Pop Rivet SD68BSLF |
| 15 | 905241 | Spout Gear Weldt |
| 16 | 968627 | 1 1/2" Bearing w/ Collar |
| 17 | 967260 | 1 1/2" Bearing Flange (Set) |
| 18 | 902869 | Fan Motor Mount Plate (Ser 1-3) |
| | 905289 | Fan Motor Mount Plate (Ser 4) |
| 19 | 905362 | Roller Chain (#80H x 30 Links w/ Conn) |
| 20 | 905299 | Auger Motor Mount Plate (Ser 1-3) |
| | 905528 | Auger Motor Mount Plate (Ser 4) |
| 21 | 906311 | Hyd Box Shield Weldt |
| 22 | 905224 | Fan Shaft 1 1/2" x 15 1/4" |
| 23 | 22695 | Chain Cover |
| 24 | 902407 | Skid Plate Weldt |
| 25 | 103753 | Cylinder Clevis Pin 1" x 4" |
| 26 | 12779 | Hair Pin Clip #9 Western Wire |

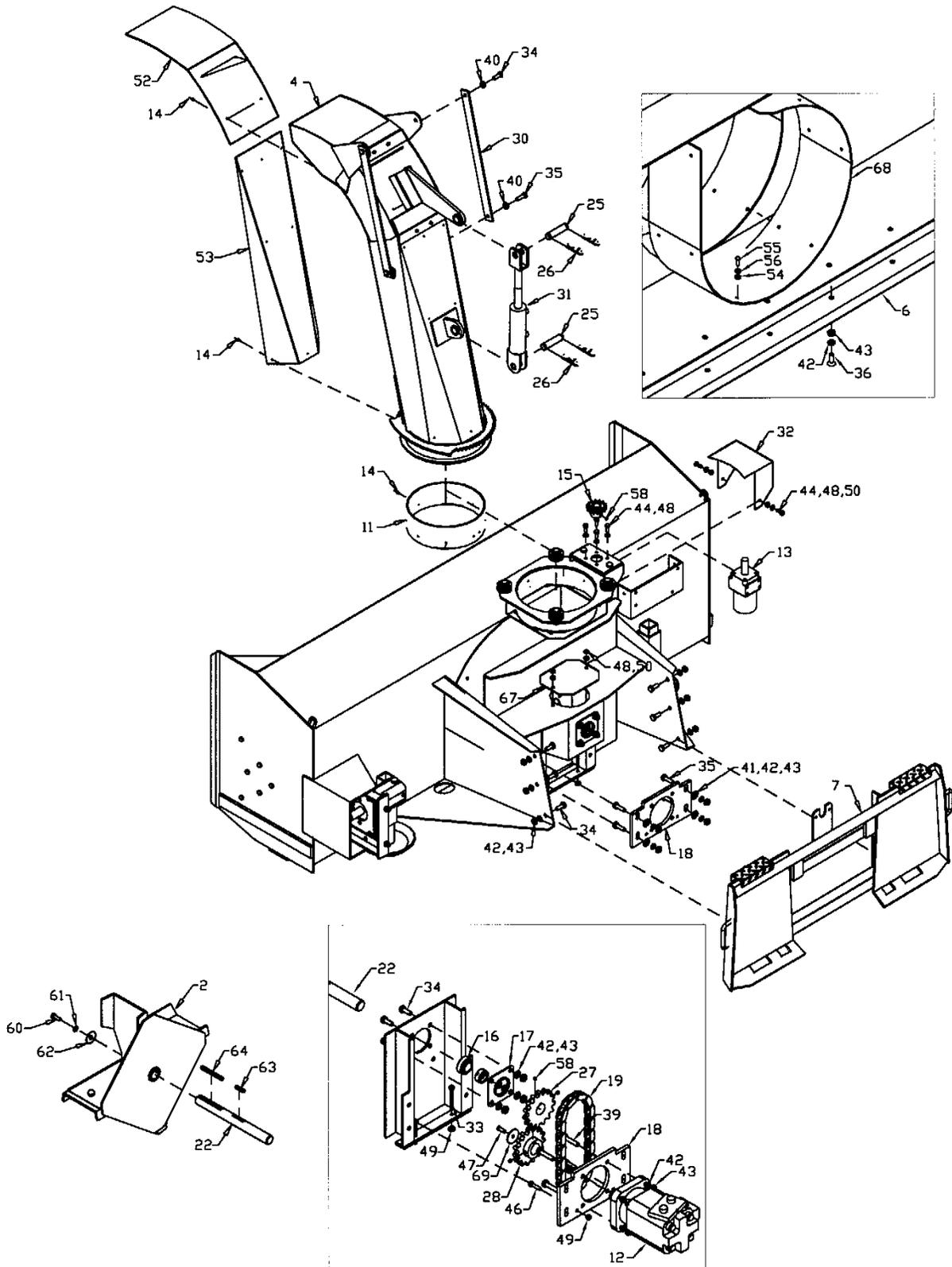
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|----|--------|--|
| 27 | 960719 | Sprocket 15T, #80, 1 1/2" Bore |
| 28 | 905309 | Sprocket 15T, #80, 1 1/4" Bore (Ser 1-3) |
| | 960719 | Sprocket 15T, #80, 1 1/2" Bore (Ser 4) |
| 29 | 905237 | Spout Roller |
| 30 | 905181 | Spout Link 22" |
| 31 | 24981 | Cylinder 2 1/2" Dia x 8" |
| 32 | 905554 | Spout Sprocket Cover |
| 33 | 906660 | 1/2" x 2" Sq Hd Set Screw (pl) |
| 34 | 81620 | 1/2" x 1 1/4" Hex Bolt (pl) |
| 35 | 84277 | 1/2" x 1 1/2" Hex Bolt (pl) |
| 36 | 906655 | 1/2" x 1 1/2" Fl Hd Bolt (skt) (pl) |
| 37 | 87553 | 1/2" x 1 3/4" Hex Bolt (pl) |
| 38 | 811791 | 1/2" x 2" Hex Bolt (pl) (Series #1-3) |
| | 81624 | 1/2" x 2 1/4" Hex Bolt (pl) (Series #4) |
| 39 | 81624 | 1/2" x 2 1/4" Hex Bolt (pl) |
| 40 | 812364 | 1/2" Lock Nut (pl) |
| 41 | 81638 | 1/2" BS Flat Washer Std (pl) |
| 42 | 81637 | 1/2" Lock Washer (pl) |
| 43 | 81636 | 1/2" Hex Nut (pl) |
| 44 | 86170 | 3/8" x 1" Hex Bolt (pl) |
| 45 | 86171 | 3/8" x 1 1/4" Hex Bolt (pl) |
| 46 | 811792 | 3/8" x 1 1/2" Hex Bolt (pl) |
| 47 | 967431 | 3/8" x 1" Flat Bolt (skt) (pl) |
| 48 | 81593 | 3/8" Lock Washer (pl) |
| 9 | 812363 | 3/8" Lock Nut (pl) |
| 50 | 81592 | 3/8" Hex Nut (pl) |
| 51 | 905543 | 3/8" x 4" Auger Chain Bolt Weldt |
| 52 | 905648 | Spout Liner Middle |
| 53 | 905647 | Spout Liner Bottom |
| 54 | 81568 | 5/16" Hex Nut (pl) |
| 55 | 906393 | 5/16" x 3/4" Fl Hd Bolt (skt) (pl) |
| 56 | 81569 | 5/16" Lock Washer (pl) |
| 57 | 81549 | 5/16" x 3/4" Hex Bolt (pl) |
| 58 | 988999 | 3/8" x 3/8" Socket Set Screw |
| 59 | 902874 | Spout Motor Mount Plate |
| 60 | 84268 | 5/8" x 1 1/2" Hex Bolt (pl) |
| 61 | 81677 | 5/8" Lock Washer (pl) |
| 62 | 81678 | 5/8" BS Flat Washer Std (pl) |
| 63 | 965821 | 3/8" x 1 3/4" Key |
| 64 | 905310 | 3/8" x 4 1/2" Key |
| 65 | 900712 | Skid Pin Weldt 5/8" x 3" |
| 66 | 961012 | #16 Hair Pin Clip (pl) |
| 67 | 905278 | Cover Plate |
| 68 | 905336 | Fan Housing Liner 68" |

- 69 906348 Motor Washer 13/32" hole x 2" OD
- 70 906574 Bronze Bushing 7/8" OD x 1"

HYDRAULIC COMMERCIAL SERIES SNOWBLOWER – 24" HOUSING



SC-04

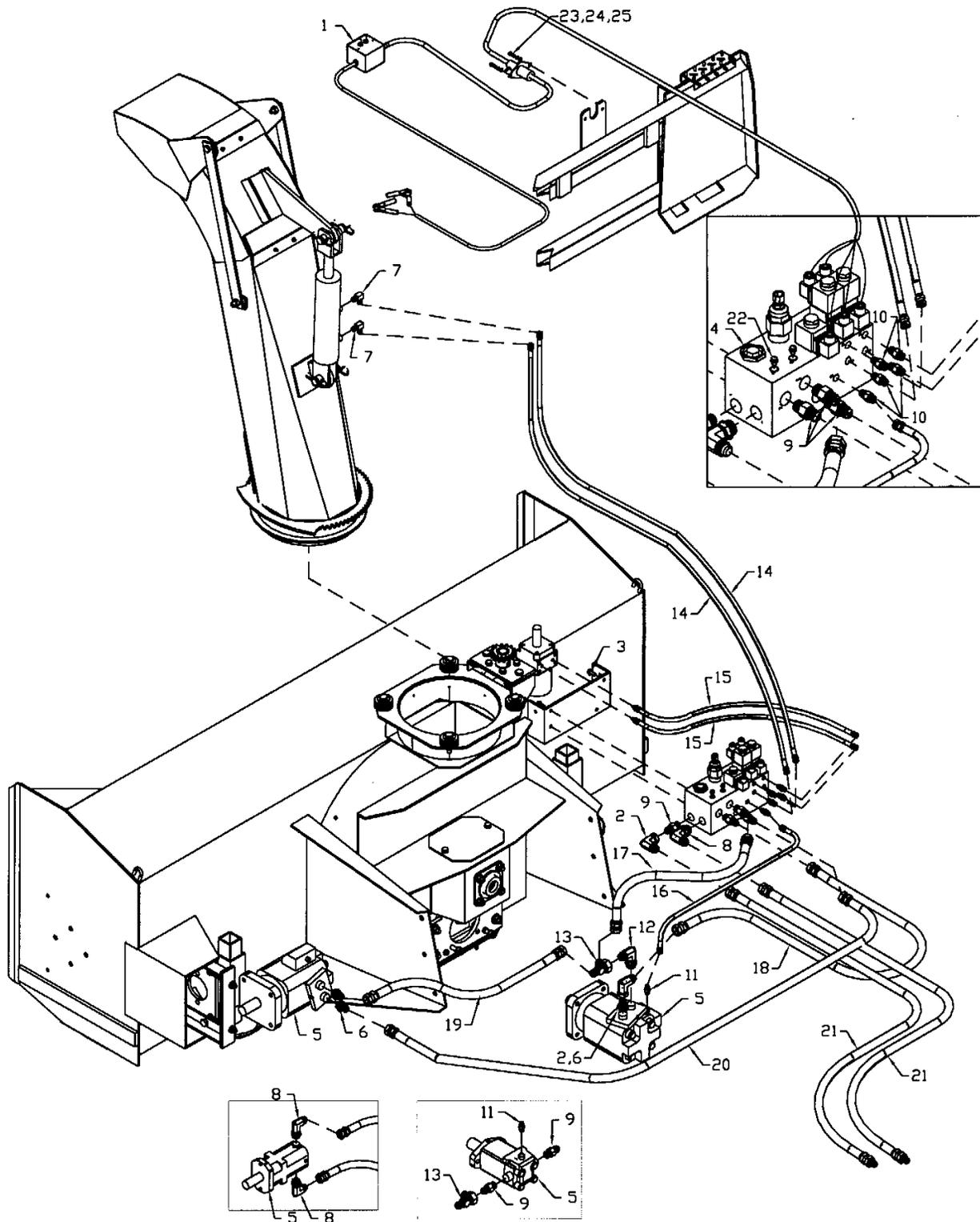


Hyd Commercial Series Snowblower - 24" Housing

| Item # | Part # | Description |
|---------------|---------------|--|
| 1 | 905540 | Main Body Weldt - 84" |
| | 905538 | Main Body Weldt - 74" |
| 2 | 905225 | Fan Weldt - 24" |
| 3 | 905202 | Auger Weldt - 84" |
| | 905206 | Auger Weldt - 74" |
| 4 | 905550 | Spout Weldt |
| 5 | 965912 | 40 Tooth Sprocket #60, 1 3/8" Bore |
| 6 | 902879 | Cutting Edge (84") |
| | 902880 | Cutting Edge (74") |
| 7 | 905291 | Adaptor |
| 8 | 906658 | Roller Chain (#60H x 72 Links w/ Conn) |
| 9 | 965426 | 1 3/8" Housing W/ Bearing |
| | 965430 | 1 3/8" Bearing W/ SS Lock |
| 10 | 906322 | Auger Sprocket 15T #60 (1 1/4" Bore) (Ser 1-3) |
| | 906323 | Auger Sprocket 15T #60 (1 1/2" Bore) (Ser 4) |
| 11 | 906332 | Spout Liner |
| 12 | 905623 | Fan Motor - 2 Hole (Ser #1) |
| | 905694 | Fan Motor - 2 Hole (Ser #2) |
| | 905695 | Fan Motor - 2 Hole (Ser #3) |
| | 905624 | Fan Motor - 4 Hole (Ser #4) |
| 13 | 906335 | Spout Motor |
| 14 | 967440 | Pop Rivet SD68BSLF |
| 15 | 905241 | Spout Gear Weldt |
| 16 | 968627 | 1 1/2" Bearing w/ Collar |
| 17 | 967260 | 1 1/2" Bearing Flange (Set) |
| 18 | 902869 | Fan Motor Mount Plate (Ser 1-3) |
| | 905289 | Fan Motor Mount Plate (Ser 4) |
| 19 | 905362 | Roller Chain (#80H x 30 Links w/ Conn) |
| 20 | 905299 | Auger Motor Mount Plate (Ser 1-3) |
| | 905528 | Auger Motor Mount Plate (Ser 4) |
| 21 | 906311 | Hyd Box Shield Weldt |
| 22 | 905224 | Fan Shaft 1 1/2" x 15 1/4" |
| 23 | 22695 | Chain Cover |
| 24 | 902407 | Skid Plate Weldt |
| 25 | 103753 | Cylinder Clevis Pin 1" x 4" |
| 26 | 12779 | Hair Pin Clip #9 Western Wire |
| 27 | 960719 | Sprocket 15T, #80, 1 1/2" Bore |
| 28 | 905309 | Sprocket 15T, #80, 1 1/4" Bore (Ser 1-3) |
| | 960719 | Sprocket 15T, #80, 1 1/2" Bore (Ser 4) |
| 29 | 905237 | Spout Roller |
| 30 | 905181 | Spout Link 22" |

| | | |
|----|--------|---|
| 31 | 24981 | Cylinder 2 1/2" Dia x 8" |
| 32 | 905554 | Spout Sprocket Cover |
| 33 | 905246 | 3/8" x 3" Fan Bolt Weldt |
| 34 | 81620 | 1/2" x 1 1/4" Hex Bolt (pl) |
| 35 | 84277 | 1/2" x 1 1/2" Hex Bolt (pl) |
| 36 | 906655 | 1/2" x 1 1/2" Fl Hd Bolt (skt) (pl) |
| 37 | 87553 | 1/2" x 1 3/4" Hex Bolt (pl) |
| 38 | 811791 | 1/2" x 2" Hex Bolt (pl) (Series #1-3) |
| | 81624 | 1/2" x 2 1/4" Hex Bolt (pl) (Series #4) |
| 39 | 81624 | 1/2" x 2 1/4" Hex Bolt (pl) |
| 40 | 812364 | 1/2" Lock Nut (pl) |
| 41 | 81638 | 1/2" BS Flat Washer Std (pl) |
| 42 | 81637 | 1/2" Lock Washer (pl) |
| 43 | 81636 | 1/2" Hex Nut (pl) |
| 44 | 86170 | 3/8" x 1" Hex Bolt (pl) |
| 45 | 86171 | 3/8" x 1 1/4" Hex Bolt (pl) |
| 46 | 811792 | 3/8" x 1 1/2" Hex Bolt (pl) |
| 47 | 967431 | 3/8" x 1" Flat Bolt (skt) (pl) |
| 48 | 81593 | 3/8" Lock Washer (pl) |
| 49 | 812363 | 3/8" Lock Nut (pl) |
| 50 | 81592 | 3/8" Hex Nut (pl) |
| 51 | 905543 | 3/8" x 4" Auger Chain Bolt Weldt |
| 52 | 905648 | Spout Liner Middle |
| 53 | 905647 | Spout Liner Bottom |
| 54 | 81568 | 5/16" Hex Nut (pl) |
| 55 | 906393 | 5/16" x 3/4" Fl Hd Bolt (skt) (pl) |
| 56 | 81569 | 5/16" Lock Washer (pl) |
| 57 | 81549 | 5/16" x 3/4" Hex Bolt (pl) |
| 58 | 988999 | 3/8" x 3/8" Socket Set Screw |
| 59 | 902874 | Spout Motor Mount Plate |
| 60 | 84268 | 5/8" x 1 1/2" Hex Bolt (pl) |
| 61 | 81677 | 5/8" Lock Washer (pl) |
| 62 | 81678 | 5/8" BS Flat Washer Std (pl) |
| 63 | 965821 | 3/8" x 1 3/4" Key |
| 64 | 905310 | 3/8" x 4 1/2" Key |
| 65 | 900712 | Skid Pin Weldt 5/8" x 3" |
| 66 | 961012 | #16 Hair Pin Clip (pl) |
| 67 | 905278 | Cover Plate |
| 68 | 905337 | Fan Housing Liner 73 1/2" |
| 69 | 906348 | Motor Washer 13/32" hole x 2" OD |
| 70 | 906574 | Bronze Bushing 7/8" OD x 1" |

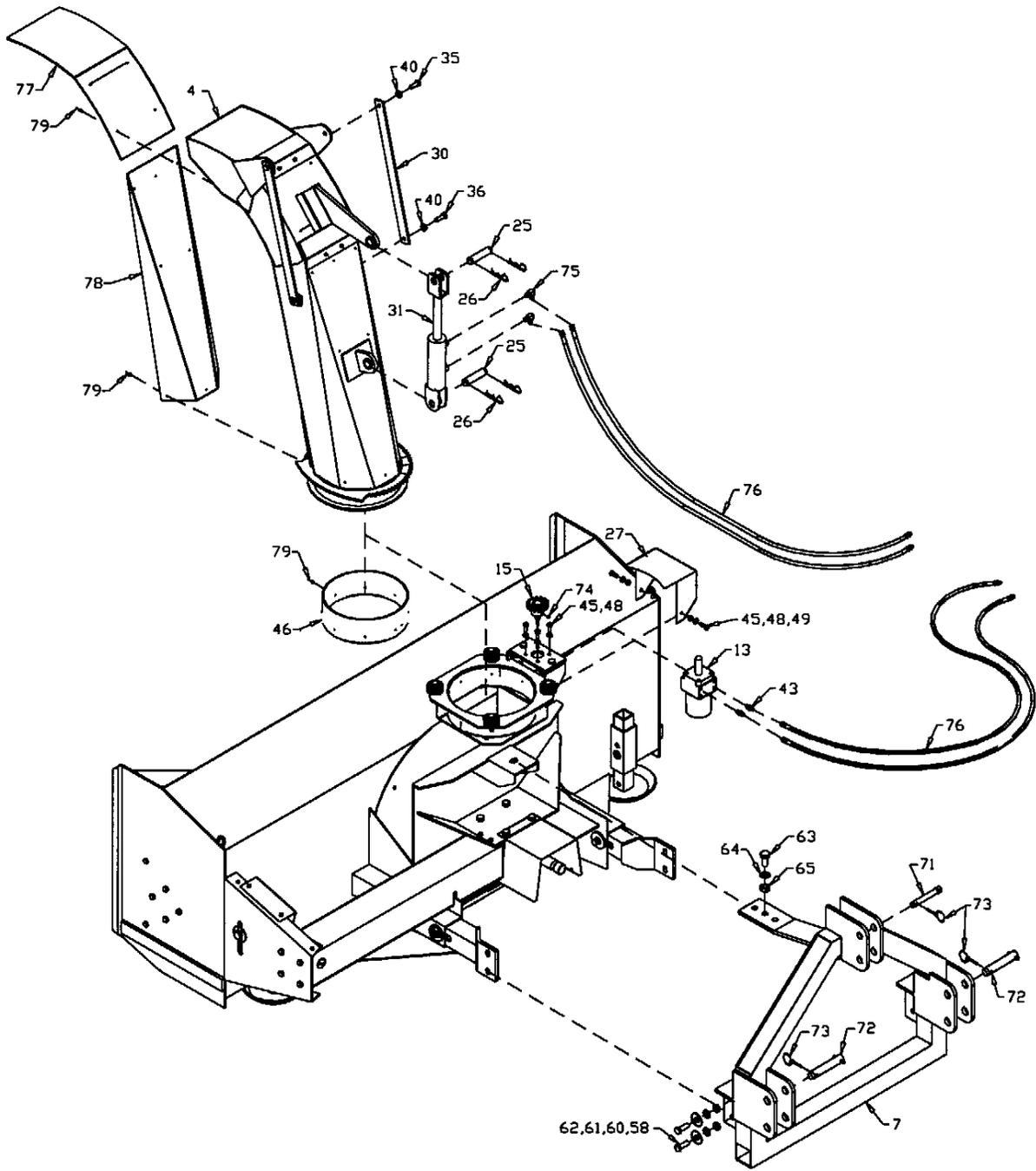
SNOWBLOWER ASSEMBLY



FOR SMALL MOTOR (SERIES #1-3)

HYD COMMERCIAL SERIES SNOWBLOWER ASSEMBLY

| Item # | Part # | Description |
|---------------|---------------|---|
| 1 | X2572 | Wiring Harness |
| 2 | 890082 | 1 1/16 SWFJIC x 1 1/16 MJIC Elbow 90 |
| 3 | JDF19M7866 | HFL Bolt M8 x 20 (10.9) (pl) |
| 4 | 905669 | Hyd Manifold Assembly |
| 5 | 905623 | Series #1 Motor - 2 Holes (Already Assembled) |
| | 905694 | Series #2 Motor - 2 Holes (Already Assembled) |
| | 905695 | Series #3 Motor - 2 Holes (Already Assembled) |
| | 905624 | Series #4 Motor - 4 Holes (Already Assembled) |
| 6 | 906589 | 1 5/16 MORB x 1 1/16 MJIC Adaptor Str |
| 7 | 811918 | 9/16 MJIC x 9/16 SWMORB Elbow 90 |
| 8 | 812647 | 1 1/16 MJIC x 1 1/16 MORB Elbow 90 |
| 9 | 812661 | 1 1/16 MORB x 1 1/16 MJIC Adaptor Str |
| 10 | 812086 | 9/16 MORB x 9/16 MJIC Adaptor Str |
| 11 | 812838 | 7/16 MORB x 9/16 MJIC Adaptor Str |
| 12 | 813756 | 1 1/16 MJIC x 1 5/16 MORB Elbow 90 |
| 13 | 887575 | 1 1/16 SWFJIC X 1 1/16 MJIC x 1 1/16 MJIC Tee |
| 14 | 115620 | 3/8" x 62" Hose 9/16 SWFJIC x 9/16 SWFJIC |
| 15 | 115796 | 3/8" x 30" Hose 9/16 SWFJIC x 9/16 MORB |
| 16 | 115618 | 3/8" x 45" Hose 9/16 SWFJIC x 9/16 SWFJIC - 84" |
| | 115619 | 3/8" x 40" Hose 9/16 SWFJIC x 9/16 SWFJIC-74"&60" |
| 17 | 115611 | 3/4" x 52" Hose 1 1/16 SWFJIC x 1 1/16 SWFJIC-84" |
| | 115612 | 3/4" x 42" Hose 1 1/16SWFJICxSWFJIC-60"&(74" Ser #4) |
| | 115614 | 3/4" x 48" Hose 1 1/16 SWFJIC x SWFJIC-74" Ser #1-3 |
| 18 | 115614 | 3/4" x 48" Hose 1 1/16 SWFJIC x 1 1/16 SWFJIC - 84" |
| | 115616 | 3/4" x 40" Hose 1 1/16 SWFJIC x SWFJIC - 74" Ser #1-3 |
| | 115615 | 3/4" x 36" Hose 1 1/16 SWFJICxSWFJIC-60"&(74" Ser #4) |
| 19 | 115612 | 3/4" x 42" Hose 1 1/16 SWFJIC x 1 1/16 SWFJIC - 84" |
| | 115616 | 3/4" x 40" Hose 1 1/16 SWFJIC x SWFJIC - 74" Ser #1-3 |
| | 115615 | 3/4" x 36" Hose 1 1/16 SWFJICxSWFJIC-60"&(74" Ser#4) |
| 20 | 115608 | 3/4" x 86" Hose 1 1/16 SWFJIC x 1 1/16 SWFJIC - 84" |
| | 115609 | 3/4" x 74" Hose 1 1/16 SWFJIC x 1 1/16 SWFJIC - 74" |
| | 115610 | 3/4" x 68" Hose 1 1/16 SWFJIC x 1 1/16 SWFJIC - 60" |
| 21 | 115617 | 3/4" x 84" Hose 1 1/16 SWFJIC x 1 1/16 MORB |
| 22 | 811922 | 9/16" ORB Steel Plug |
| 23 | 81525 | 1/4" x 3/4" Hex Bolt (pl) |
| 24 | 81545 | 1/4" Lock Washer (pl) |
| 25 | 81544 | 1/4" Hex Nut (pl) |



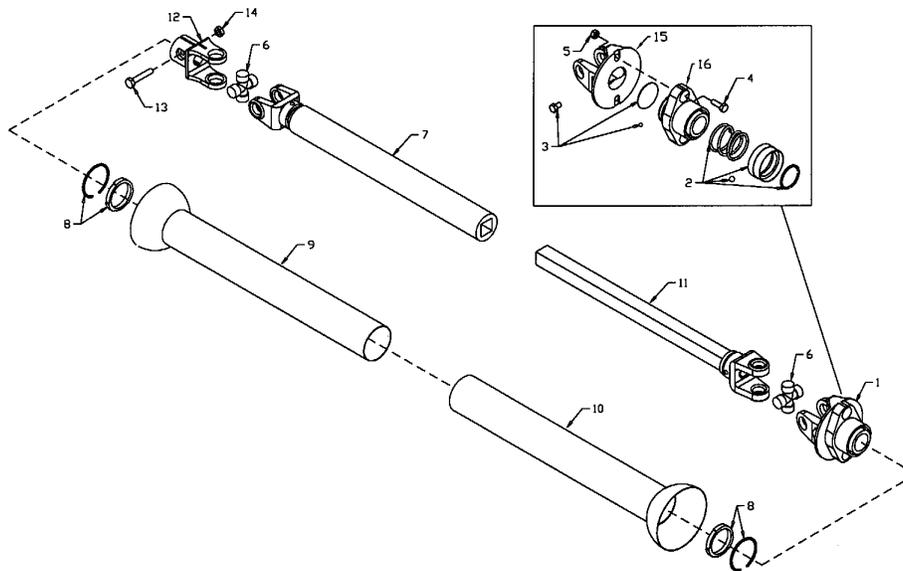
SC-02

Pto Commercial Series Snowblower - 24" Housing

| Item # | Part # | Description |
|---------------|---------------|--|
| 1 | 905298 | Main Body Weldt |
| 2 | 905225 | Fan Weldt - 24" |
| 3 | 905202 | Auger Weldt |
| 4 | 905550 | Spout Weldt |
| 5 | 965912 | 40 Tooth Sprocket #60, 1 3/8" Bore |
| 6 | 902879 | Cutting Edge (84") |
| 7 | F0328 | Hitch |
| 8 | 905196 | Drive Shaft |
| 9 | 965426 | 1 3/8" Housing W/ Bearing |
| | 965430 | 1 3/8" Bearing W/SS Lock |
| 10 | 965433 | 1 1/4" Housing W/ Bearing (UCF207-20) |
| | 961676 | 1 1/4" Brg W/ Collar |
| 11 | 906659 | Roller Chain (#60H x 92 Links W/ Conn) |
| 12 | 965914 | 13T Sprocket, #60 1 1/4" Bore |
| 13 | 906335 | Spout Motor |
| 14 | 84072 | 3/8" x 3/4" Hex Bolt (pl) |
| 15 | 905241 | Spout Gear Weldt |
| 16 | 902874 | Spout Motor Mount Plate |
| 17 | 905214 | Hitch Adaptor Weldt |
| 18 | 965967 | PTO Shield |
| 19 | BU50505 | Gearbox w/o Oil |
| 20 | F972 | PTO Shaft |
| 21 | 905227 | Idler Shield |
| 22 | 905199 | Drive Shaft Guard |
| 23 | 22695 | Chain Cover |
| 24 | 902407 | Skid Plate Weldt |
| 25 | 103753 | Cylinder Clevis Pin 1" x 4" |
| 26 | 12779 | Hair Pin Clip #9 Western Wire |
| 27 | 905554 | Spout Sprocket Cover |
| 28 | 905337 | Fan Housing Liner 73 1/2" |
| 29 | 905237 | Spout Roller |
| 30 | 905181 | Spout Link 22" |
| 31 | 24981 | Cylinder 2 1/2" Dia X 8" |
| 32 | 965969 | Idler Spacer |
| 33 | 965962 | Idler Sprocket, 13T, #60, 5/8" Bore |
| 34 | 81619 | 1/2" x 1" Hex Bolt (pl) |
| 35 | 81620 | 1/2" x 1 1/4" Hex Bolt (pl) |
| 36 | 84277 | 1/2" x 1 1/2" Hex Bolt (pl) |
| 37 | 906655 | 1/2" x 1 1/2" FI Hd Bolt (skt) (pl) |
| 38 | 81624 | 1/2" x 2 1/4" Hex Bolt (pl) |
| 39 | 81627 | 1/2" x 3" Hex Bolt (pl) |

| | | |
|----|--------|---|
| 40 | 812364 | 1/2" Lock Nut (pl) |
| 41 | 81637 | 1/2" Lock Washer (pl) |
| 42 | 81636 | 1/2" Hex Nut (pl) |
| 43 | 812086 | 9/16 MORB x 9/16 MJIC Adaptor Str |
| 44 | 81638 | 1/2" BS Flat Washer Std (pl) |
| 45 | 86170 | 3/8" x 1" Hex Bolt (pl) |
| 46 | 906332 | Spout Liner |
| 47 | 86171 | 3/8" x 1 1/4" Hex Bolt (pl) |
| 48 | 81593 | 3/8" Lock Washer (pl) |
| 49 | 81592 | 3/8" Hex Nut (pl) |
| 50 | 81549 | 5/16" x 3/4" Hex Bolt (pl) |
| 51 | 906393 | 5/16" x 3/4" FI Hd Bolt (skt) (pl) |
| 52 | 906574 | Bronze Bushing 7/8"OD x 1" |
| 53 | 81552 | 5/16" x 1 1/4" Hex Bolt (pl) |
| 54 | 81569 | 5/16" Lock Washer (pl) |
| 55 | 812362 | 5/16" Lock Nut (pl) |
| 56 | 81568 | 5/16" Hex Nut (pl) |
| 57 | 84268 | 5/8" x 1 1/2" Hex Bolt (pl) |
| 58 | 84270 | 5/8" x 1 3/4" Hex Bolt (pl) |
| 59 | 81671 | 5/8" x 4" Hex Bolt (pl) |
| 60 | 81677 | 5/8" Lock Washer (pl) |
| 61 | 81678 | 5/8" BS Flat Washer Std (pl) |
| 62 | 81676 | 5/8" Hex Nut (pl) |
| 63 | 967437 | 3/4" x 1 5/8" Hex Bolt (pl) |
| 64 | 81701 | 3/4" Lock Washer (pl) |
| 65 | 81700 | 3/4" Hex Nut (pl) |
| 66 | 902377 | 3/8" x 3/8" x 4 3/4" Key |
| 67 | 968807 | 3/8"x 3/8" x 2" Key |
| 68 | 960135 | Spring |
| 69 | 900712 | Skid Pin Weldt 5/8" x 3" |
| 70 | 961012 | #16 Hair Pin Clip (pl) |
| 71 | 965910 | Top Link Pin (Cat. 2) |
| 72 | 965966 | Quick Hitch Lift Pin (Cat. 2) |
| 73 | 965911 | Linch Pin 7/16" |
| 74 | 988999 | 3/8" Dia x 3/8" Socket Set Screw |
| 75 | 811918 | 9/16 MJIC x 9/16 SWMORB Elbow 90 |
| 76 | 115370 | 3/8" x 108" Hose 9/16 SWFJIC x 1/2 MNPT |
| 77 | 905648 | Spout Liner Middle |
| 78 | 905647 | Spout Liner Bottom |
| 79 | 967440 | Pop Rivet SD68BSLF |

PTO DRIVE COMMERCIAL SNOWBLOWER

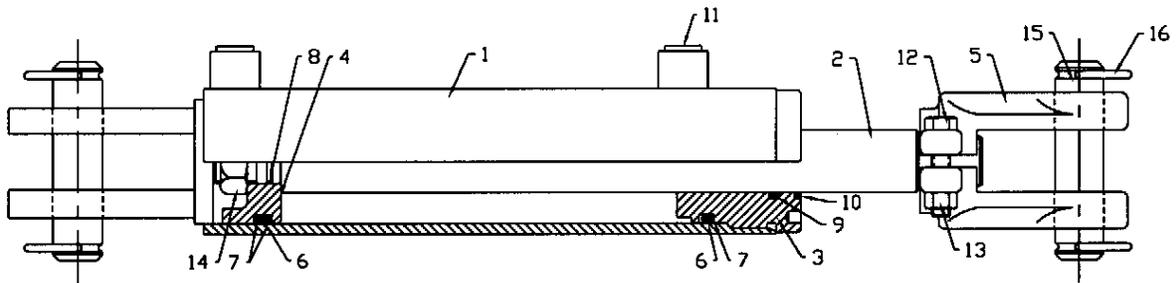


SC-12

PTO DRIVE COMMERCIAL SNOWBLOWER

| Item # | Part # | Description |
|--------|--------|---|
| | F972 | Shaft Complete |
| | 936276 | Tractor Half of PTO (Shear) |
| | 936264 | Implement Half of PTO (Clamp Yoke) |
| 1 | 936277 | Shear Assembly |
| 2 | 936199 | Safety Slide Lock Repair Kit (Collar, Spring, Ret. Ring, 2-Pawls) |
| 3 | 936249 | Shear Assembly Repair Kit (3/8" x 1/2" Bolt, Lube, Blank, 31-1/4" Balls) |
| 4 | 967247 | Shear Bolt - 5/16" x 1" (Grade 8) - 2 required |
| 5 | 812362 | 5/16" Lock Nut |
| 6 | 936025 | Repair Kit |
| 7 | 936270 | Yoke & Tube |
| 8 | 936319 | Bearing & Snap Ring Kit |
| 9 | 936272 | Inner Shield |
| 10 | 936273 | Outer Shield |
| 11 | 936274 | Yoke & Shaft |
| 12 | 936269 | Clamp Yoke |
| 13 | 81627 | 1/2" x 3" Hex Bolt (pl) |
| 14 | 812364 | 1/2" Lock Nut (pl) |
| 15 | 936430 | Shear Yoke |
| 16 | 936411 | 6 Spl. Shear Hub |

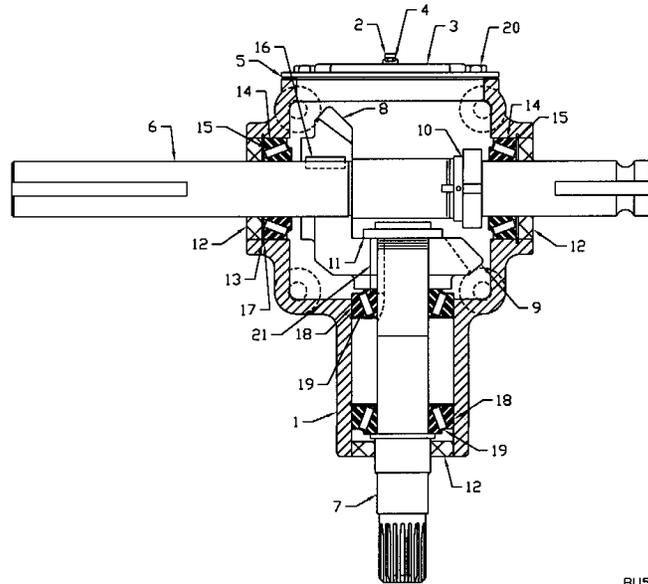
2 1/2" x 8" CYLINDER ASSEMBLY



24981

| Item # | Part # | Description |
|--------|--------|---------------------------------|
| 1 | 24982 | Tube Weldment |
| 2 | 108655 | Shaft 1.25 dia x 15.54 Lg |
| 3 | 23156 | 2.50 Dia Headplate |
| 4 | 13109 | 2.50 Dia Piston |
| 5 | 13090 | Piston Rod Clevis (Cast) |
| 6 | 82330 | 2.50 OD x e Sect O-Ring |
| 7 | 83330 | 2.50 OD x o Sect Backup Washer |
| 8 | 82018 | 0.88 OD x 0.06 O-Ring |
| 9 | 812200 | 1.50 OD x 1.25 ID x o Sect Seal |
| 10 | 81901 | 1.50 OD x 1.25 ID Dust Seal |
| 11 | 811922 | 0.56 MORB Plug |
| 12 | 81578 | 3/8" x 1 3/4" Hex Bolt (pl) |
| 13 | 81592 | 3/8" Hex Nut |
| 14 | 104314 | 7/8" Jam Lock Nut (Steel) (pl) |
| 15 | 103753 | Clevis Pin 1" x 4" |
| 16 | 12779 | Hair Pin Clip |
| 17 | 22370 | Hyd Cyl Decal |

PTO DRIVE COMMERCIAL SNOWBLOWER



BU50505

| Item # | Part # | Description |
|--------|------------|-----------------------------------|
| | BU50505 | Gearbox Complete |
| 1 | BU50310 | Gearbox Casting Only |
| 2 | BU500089-3 | Pipe Plug |
| 3 | BU50457 | Gearbox Cover |
| 4 | BU500167-1 | Relief Valve |
| 5 | BU50458 | Gearbox Gasket |
| 6 | BU50507 | Cross Shaft |
| 7 | BU50502 | Pinion Shaft |
| 8 | BU50329 | Bevel Gear - 1 1/2" Bore |
| 9 | BU50331 | Bevel Gear - 1 3/8" Bore |
| 10 | BU50428 | Staking Lock Nut |
| 11 | BU50444 | Staking Lock Nut |
| 12 | BU50422-1 | Oil Seal (3 used) |
| 13 | BU50415 | Retainer Ring (4 used) |
| 14 | BU575902 | Bearing Cup (2 used) |
| 15 | BU575901 | Bearing Cone (2 used) |
| 16 | BU50429 | Key |
| 17 | BU50210X | Shim Set |
| 18 | BU575907 | Bearing Cup (2 used) |
| 19 | BU575906 | Bearing Cone (2 used) |
| 20 | BU500397-6 | Hex Bolt 5/16" NC x 5/8" GR5 (pl) |
| 21 | BU50417-1 | Key |

SPECIFICATIONS

| MODEL | B6022HSB-1 B6022HSB-2 B6022HSB-3 | B7422HSB-1 B7422HSB-2 B7422HSB-3 B7422HSB-4 | B7424HSB-3 B7424HSB-4 | B8424HSB-2 B8424HSB-3 | B84SB (PTO Drive) |
|-------------------------|---|--|---|---|-----------------------------|
| Cutting Width | 60" | 74" | 74" | 84" | 84" |
| Cutting Height | 28" | 30" | 30" | 30" | 30" |
| Fan Housing | Replaceable UHMW Liner | Replaceable UHMW Liner | Replaceable UHMW Liner | Replaceable UHMW Liner | Replaceable UHMW Liner |
| Fan | 4-Blade | 4-Blade | 4-Blade | 4-Blade | 4-Blade |
| Fan Diameter | 21.5" | 21.5" | 23.5" | 23.5" | 23.5" |
| Fan Depth | 7.5" | 7.5" | 7.5" | 7.5" | 7.5" |
| Auger Diameter | 20" | 20" | 20" | 20" | 20" |
| Auger Center Diameter | 3"od x .150 wall | 3"od x .150 wall | 3"od x .150 wall | 3"od x .150 wall | 3"od x .150 wall |
| Auger Thickness | 3/8" | 3/8" " | 3/8" | 3/8" | 3/8" |
| Drive Fan | Hyd w/#80 Chain | Hyd w/#80 Chain | Hyd w/#80 Chain | Hyd w/#80 Chain | PTO Gearbox |
| Drive Auger | Hyd w/#60H Chain | Hyd w/#60H Chain | Hyd w/#60H Chain | Hyd w/#60H Chain | #60H Chain |
| Body Housing | 10ga | 10ga | 10ga | 7ga | 7ga |
| Hitch Type | Skid Steer-fixed | Skid Steer-fixed | Skid Steer-fixed | Skid Steer-fixed | Cat. 3 –3 pt. |
| Hitch Adjustment | No | No | No | No | 3 position |
| Chute Rotator | Hydraulic-230 | Hydraulic-230 | Hydraulic-230 | Hydraulic-230 | Hydraulic-230 |
| Chute Deflector | Hyd. | Hyd. | Hyd. | Hyd. | Hyd. |
| Cutting Edge | ½" x 4" Beveled replaceable | ½" x 4" Beveled replaceable | ½" x 4" Beveled replaceable | ½" x 4" Beveled replaceable | ½" x 4" Beveled replaceable |
| Skid Shoes | Cup Type – adjustable | Cup Type – adjustable | Cup Type – adjustable | Cup Type – adjustable | Cup Type – adjustable |
| Truckloading Spout | Opt. | Opt. | Opt. | Opt. | Opt. |
| System Controls & Drive | Hyd. Load Sensing Block flow adjustable | Hyd. Load Sensing Block flow adjustable | Hyd. Load Sensing Block flow adjustable | Hyd. Load Sensing Block flow adjustable | PTO w/shear pin |
| Hyd. Requirements | 13-26 gpm 2000 psi Min. | 13-32 gpm 2000 psi Min. | 20-32 gpm 2000 psi Min. | 20-32 gpm 2000 psi Min. | 10 gpm 1000 psi Min. |
| Approx. Weight | 1070 lbs. | 1178 lbs. | 1193 lbs. | 1209 lbs | 1307 lbs. |

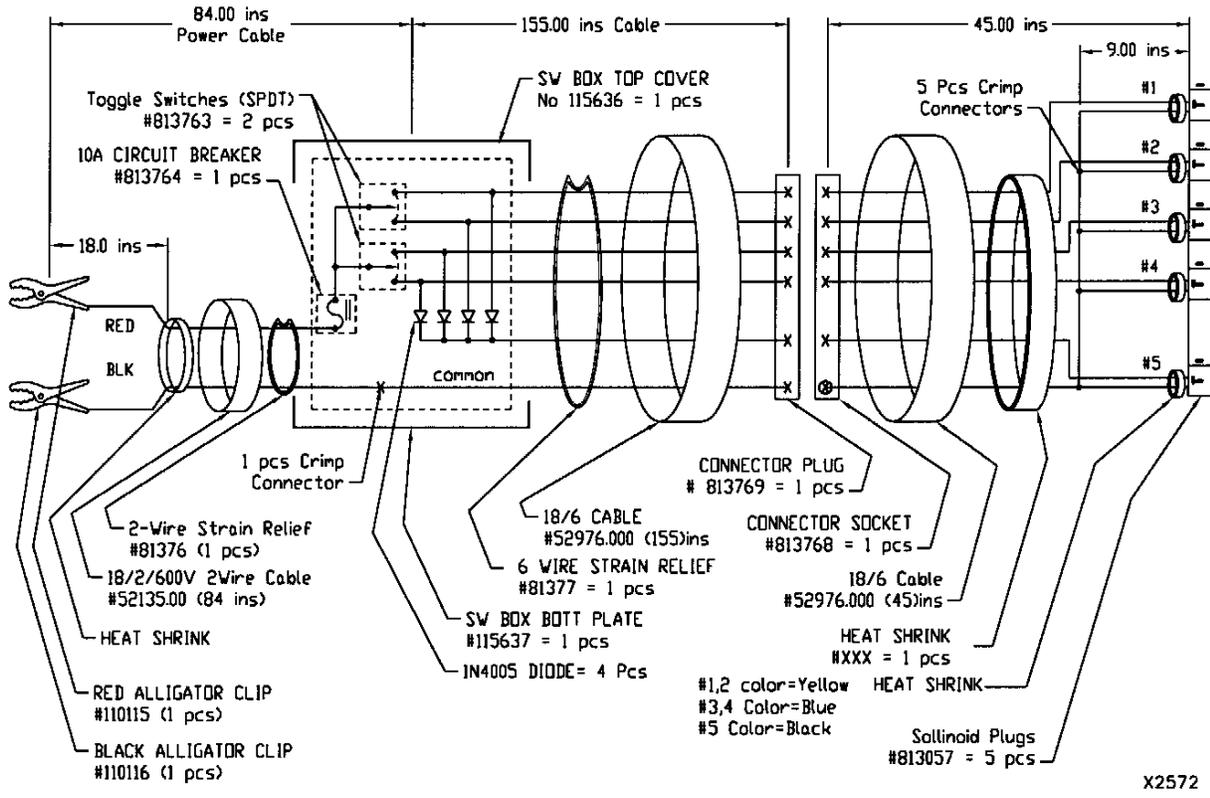
Hydraulic Snowblower Fan RPM to GPM Rating

- Series I 13 – 17 gpm 2000 psi min. (6.2 cu.in./rev)
- Series II 16 – 22 gpm 2000 psi min. (8 cu.in./rev)
- Series III 20 – 26 gpm 2000 psi min. (9.6 cu.in./rev)
- Series IV 24 – 32 gpm 2000 psi min (11.9 cu.in./rev)

$$\text{gpm} \times \text{psi} = \text{hp}$$

$$1714$$

Hydraulic Snow Blower Schematic showing Buhler part Nos.



| Category | Motor Cu/in/rev | GPM | Motor RPM | HP @ 2000 | HP @ 3000 psi | Shaft Type Flange Mtg. | Eaton Motor Part #'s | Buhler Part # |
|---------------------------------|-----------------|-----|-----------|-----------|---------------|------------------------|----------------------|---------------|
| Group #1 | 6.2 | 12 | 447 | 12 | 18 | 1.25" Straight | 1 1/16-12 ORB | 905623 |
| | | 16 | 596 | 16 | 24 | 2 bolt | 104-1062 | |
| Group #2 | 8 | 17 | 491 | 17 | 25 | 1.25 Straight | 1/16/=12 ORB | 905694 |
| | | 20 | 578 | 20 | 29 | 2 bolt | 104-1063 | |
| Group #3 | 9.6 | 20 | 481 | 20 | 29 | 1.25 Straight | 1 16/-12 ORB | 905695 |
| | | 24 | 578 | 24 | 35 | 2 bolt | 104-1064 | |
| Group #4 | 11.9 | 21 | 408 | 21 | 31 | 1.25 Straight | 1 116-12 ORB | 905624 |
| | | 28 | 544 | 28 | 41 | 1.25 Straight | 104 - 1065 | |
| spout motor 146-1028-002 | | | | | | | | 905625 |

TROUBLESHOOTING

| SYMPTOM | PROBABLE CAUSE | REMEDY |
|--|---|---|
| D1 Nothing Works | <p><u>Hydraulic Circuit Not Complete</u></p> <ol style="list-style-type: none"> 1. Hydraulic Valve not engaged 2. 1 or more quick couplers not completely engaged. 3. Defective quick coupler 4. Hydraulic pump low on fluid | <ol style="list-style-type: none"> 1. Engage valve to full detent 2. Fully engage all couplers 3. Replace defective quick couplers 4. Top up fluid level |
| D2 Auger Rotates backwards, and fan does not rotate | <p><u>Hydraulic Circuit Reversed</u></p> <ol style="list-style-type: none"> 1. Main valve is in reverse 2. Quick couplers are connected backwards. | <ol style="list-style-type: none"> 1. Reverse valve direction or 2. Switch hose connections to the machine. |
| D3 Fan turns too slow | <ol style="list-style-type: none"> 1. Inadequate hydraulic flow for this motor size. 2. Wrong motor for your system. | <ol style="list-style-type: none"> 1. Check the gpm of your system. 2. Contact your dealer. |
| D4 Fan motor stalls | Valve #4 (Fig. 1) set too high | See MODULATING ELEMENT SET UP |
| D5 Auger motor slows or stalls too quickly | Valve #4 (Fig. 1) set too low | See MODULATING ELEMENT SET UP |
| D6 Fan & Auger work but chute controls do not work properly | <p style="text-align: center;"><u>Electrical Problem</u></p> <ol style="list-style-type: none"> 1. Electrical connections to battery 2. Breaker is tripped. 3. Connector from Sw to block not contacting. 4. Connection to No-Load Valve #6 (Fig. #1) is not making 5. Diodes in switchbox are defective. 6. Solenoid Valve Spool is stuck | <ol style="list-style-type: none"> 1. Ensure that the clamps are making proper connection. 2. Reset breaker. 3. Ensure the connector is fully engaged. Check for broken wires. 4. Check all items in D6 5. Check for voltage through diodes 6. Replace #8a or 8b solenoid cartridge. |
| D7 Chute controls do not work properly in no-load conditions. | <ol style="list-style-type: none"> 1. The No-Load pressurizing valve #14a (Fig. #1) set too low. 2. <u>Electrical:</u> Switch, harness, connectors, coil 10a, diodes 3. Polarity of the system is reversed. 4. Diodes in switchbox defective. 5. Defective Coil #10a (Fig. #1) 6. Defective Valve #6 (Fig. #1) | <ol style="list-style-type: none"> 1. Back of the adjuster-screw till it rotates freely by hand. Then turn in till you feel it contacting the spring. Then turn in 2 turns. 2. Check the No-Load Circuit #5 in Fig. #2 3. Red Alligator clip must be on the <u>Positive Terminal</u> 4. Replace defective diodes. 5. Replace Coil. 6. Replace Valve. |
| D8 Chute Rotation seems to lack power to turn. | <ol style="list-style-type: none"> 1. See D7-1 2. Valve #14b or #14c set too low. | <ol style="list-style-type: none"> 1. Same as D7-1. 2. Back of the adjuster-screw till it rotates freely by hand then turn in till you feel it contacting the spring. Then turn in 2 turns. |

SHIPPING BUNDLES

| QUANTITY REQUIRED | BUNDLE NUMBER | DESCRIPTION |
|--|----------------------|--------------------|
| 60" HYDRAULIC DRIVE W/22" FAN SERIES 1 B6022HSB-1 | | |
| | 1 | F0324 Spout |
| Assembly | | |
| 1 | F0325 | Crate of Parts |
| 1 | F5545 | Snowblower |
| 60" HYDRAULIC DRIVE W/22" FAN SERIES 2 B6022HSB-2 | | |
| 1 | F0324 | Spout Assembly |
| 1 | F0325 | Crate of Parts |
| 1 | F5550 | Snowblower |
| 60" HYDRAULIC DRIVE W/22" FAN SERIES 3 B6022HSB-3 | | |
| 1 | F0324 | Spout Assembly |
| 1 | F0325 | Crate of Parts |
| 1 | F5553 | Snowblower |
| 74" HYDRAULIC DRIVE W/22" FAN SERIES 1 B7422HSB-1 | | |
| 1 | F0324 | Spout Assembly |
| 1 | F0325 | Crate of Parts |
| 1 | F5546 | Snowblower |
| 74" HYDRAULIC DRIVE W/22" FAN SERIES 2 B7422HSB-2 | | |
| 1 | F0324 | Spout Assembly |
| 1 | F0325 | Crate of Parts |
| 1 | F5551 | Snowblower |
| 74" HYDRAULIC DRIVE W/22" FAN SERIES 3 B7422HSB-3 | | |
| 1 | F0324 | Spout Assembly |
| 1 | F0325 | Crate of Parts |
| 1 | F5558 | Snowblower |

SHIPPING BUNDLES – cont'd.

74" HYDRAULIC DRIVE W/22" FAN SERIES 4 B7422HSB-4

| | | |
|---|-------|----------------|
| 1 | F0324 | Spout Assembly |
| 1 | F0325 | Crate of Parts |
| 1 | F5559 | Snowblower |

74" HYDRAULIC DRIVE W/24" FAN SERIES 1 B7424HSB-1

| | | |
|---|-------|----------------|
| 1 | F0324 | Spout Assembly |
| 1 | F0325 | Crate of Parts |
| 1 | F5561 | Snowblower |

74" HYDRAULIC DRIVE W/24" FAN SERIES 2 B7424HSB-2

| | | |
|---|-------|----------------|
| 1 | F0324 | Spout Assembly |
| 1 | F0325 | Crate of Parts |
| 1 | F5560 | Snowblower |

74" HYDRAULIC DRIVE W/24" FAN SERIES 3 B7424HSB-3

| | | |
|---|-------|----------------|
| 1 | F0324 | Spout Assembly |
| 1 | F0325 | Crate of Parts |
| 1 | F5552 | Snowblower |

74" HYDRAULIC DRIVE W/24" FAN SERIES 4 B7424HSB-4

| | | |
|---|-------|----------------|
| 1 | F0324 | Spout Assembly |
| 1 | F0325 | Snowblower |
| 1 | F5547 | Snowblower |

84" HYDRAULIC DRIVE W/24" FAN SERIES 2 B8424HSB-2

| | | |
|---|-------|----------------|
| 1 | F0324 | Spout Assembly |
| 1 | F0325 | Crate of Parts |
| 1 | F5556 | Snowblower |

84" HYDRAULIC DRIVE W/24" FAN SERIES 3 B8424HSB-3

| | | |
|---|-------|----------------|
| 1 | F0324 | Spout Assembly |
| 1 | F0325 | Crate of Parts |
| 1 | F5557 | Snowblower |

SHIPPING BUNDLES – cont'd.

84" HYDRAULIC DRIVE W/24" FAN SERIES 4 B8424HSB-4

| | | |
|---|-------|----------------|
| 1 | F0324 | Spout Assembly |
| 1 | F0325 | Crate of Parts |
| 1 | F5548 | Snowblower |

84" PTO Drive W/24" FAN B84SB

| | | |
|---|-------|----------------|
| 1 | F0324 | Spout Assembly |
| 1 | F0326 | Crate of Parts |
| 1 | F0328 | Hitch |
| 1 | F5549 | Snowblower |
| 1 | F972 | PTO |