HONDA
Power
Equipment

HTA

OPERATOR'S MANUAL

42" TWO-STAGE SNOWBLOWER

MODEL NO. SB752A (CANADA)

AND

MODEL NO. SB800 (U.S.A.)

(Includes Installation Instructions for: DK4500 and DK752A)

Thank you for purchasing an HTA snowblower attachment for your Honda Tractor.

This manual covers the assembly, operation and maintenance of the HTA 42" Two Stage Snowblower (Model SB752A for CANADA or SB800 for U.S.A.). For your convenience, a parts guide and customer service information are also included in this publication.

The HTA model SB752A/SB800 can be adapted to the following Honda tractors:

- H4514 *
- H4518 *
- RT5000 **
- H5013 **
- H5518 **

* These units must be fitted with an HTA Model QH4000 Quick Hitch and an HTA Model DK4500 Drive Kit.

** These units must be fitted with an HTA Model Quick Hitch Assembly, Model No. QH5000, and an HTA Drive Kit, Model DK752A.

NOTE: The information in this publication is based on the latest product information available at the time of printing. American Honda Motor Co., Inc. reserves the right to make changes at any time without notice and without incurring any obligation.

Pay special attention to the statements preceded by the following symbols:

⚠ DANGER Indicates that serious injury or death WILL result if instructions are not followed.

⚠ WARNING : Indicates a strong possibility that serious injury or death can result if instructions are not followed.

⚠ CAUTION : Indicates a possibility that minor injury can result if instructions are not followed.

IMPORTANT NOTICE Indicates that equipment or property damage can result if instructions are not followed

NOTE : Gives helpful information.

HTA attachments are designed to give safe and dependable service if assembled and operated according to instructions.

If a problem should arise, or if you have any questions about your snowblower, consult an authorized Honda Tractor dealer.

TABLE OF CONTENTS

⚠WARNING: Read this operator's manual carefully and familiarize yourself fully with its safety recommendations and operating procedures before using the attachment. Follow the instructions in this publication at all times, and insist that those who work with you do likewise. Failure to do so could result in personal injury or equipment damage.

SAFETY RECOMMENDATIONS

- Know how to stop the snowblower quickly, and understand the operation of all controls.

- Children and pets must be kept away from the area of operation to avoid injury from flying debris and contact with the snowblower.

- Never permit anyone to operate the snowblower without proper instructions. Never allow chidren to operate this equipment.

- Before operating the snowblower, inspect the area in which you are going to clear snow. Remove debris and other obstacles the snowblower might strike or throw, as they may cause injury or damage to the snowblower.

- Adjust the snow discharge chute to avoid hitting the operator, bystanders, windows, and other objects with thrown snow. Stay clear of the snow discharge chute while the engine is running.

- The use of tire chains and counterweights for better traction and stability is advised; use only those recommended by Honda Motor Co.

- Inspect the snowblower before operating it. Repair any damage and correct any malfunction before operation. Remove any ice that has accumulated around the auger and fan.

- Never attempt to make any adjustments to the snowblower while the tractors engine is running.

- Do not use the snowblower when the visibility is poor. Under conditions of poor visibility, there is a greater risk of striking an obstacle or causing injury.

- Do not wear loose-fitting clothing which might become entangled in moving parts.

- Prolonged exposure to loud noise can cause permanent impairment or loss of hearing. Wear a suitable protective device such as an external hearing protector (earmuffs) or ear plugs to protect against loud or otherwise objectionable noise.

- Never operate the snowblower unless all of its guards, plates and other protective devices are in place.

SAFETY RECOMMENDATIONS

- Do not put hands or feet near rotating parts. If the snow discharge chute becomes clogged, stop the engine and use a wooden stick (36"°914mm§ minimum length) to unclog it. Never put your hand into the snow discharge chute while the engine is running; serious injury could result.

- Use extreme caution when operating on or crossing a gravel drive, walk or road. Stay alert for the hidden hazards of traffic.

- Do not attempt to clear steep slopes. When clearing a sloping surface, always drive up and down the face of the slope, never across the face. Exercise extreme caution when changing direction on a slope.

- Keep a careful watch for objects that could enter the snowblower while it is in operation.

- If you hit an obstacle while operating the snowblower, stop the engine immediately, and check for damage. Damaged equipment may increase the possibility of injury during operation.

- If the snowblower should start to vibrate abnormally, stop the engine immediately and check for the cause. Vibration is generally a warning of trouble.

- Move the P.T.O. lever to the OFF position and raise the snowblower whenever you are not actually clearing snow.

- Reduce tractor ground speed on slippery surfaces.

- Use care when backing up.

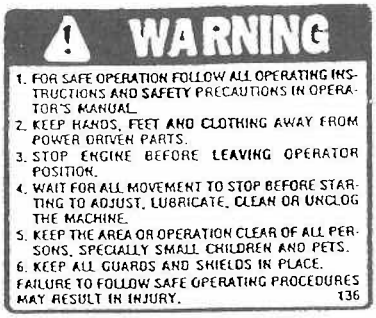
- Stop the engine whenever you leave the operator's position, before unclogging the auger or fan housing and before making any inspections, adjustments or repairs.

- Before leaving the tractor unattended, always return the P.T.O. lever to the OFF position, lower the snowblower, shift the transmission to neutral, set parking brake, stop the engine and remove the key from the ignition switch to prevent children or unauthorized persons from starting the engine.

SAFETY LABEL LOCATIONS

REPLACE IMMEDIATELY IF DAMAGED (see your dealer)

2. (CANADA only)



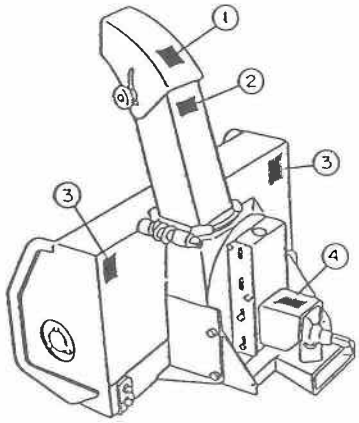
2. (U.S.A. only)

1. (U.S.A. only)

1. (U.S.A. only)

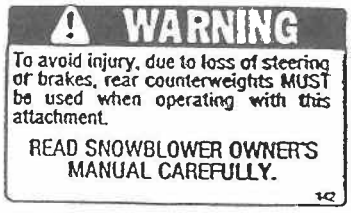
3. (CANADA only)

3.(U.S.A. only)



4. (CANADA only)

4.(U.S.A. only)



5. (U.S.A. & CANADA)

5. (CANADA only)

NOTE: In order to mount this snowblower on a Honda Lawn tractor model H4514 or H4518, the tractor must be fitted with an HTA QH4000 Quick Hitch Kit.

- Right and left are determined by sitting on tractor seat, facing forward.

STEP 1: DRIVE KIT (DK4500K1) INSTALLATION

a) Remove male hitch (fig.1, item 1) from attaching plates by removing the 5/8" x 10 5/8" pin (fig.1, item 2).

b) Loosen the six bolts (fig.1, item 3).

c) Remove the reinforcement plate (fig.1, item 4) and discard, leaving front of subframe flatbars installed on attaching plates.

d) Open tractor hood and raise fan guard. Place drive belt on tractor PTO pulley.

e) Install drop box (fig.1, item 5) inside attaching plates and route belt around drop box pulley, placing spring loaded idler outside right hand portion of belt. Secure drop box using six 5/16" x 3/4" bolts (fig.1, item 6), lockwashers and nuts. Tighten securely.

NOTE: It may be necessary to lossen front support bracket bolts to install drop box.

f) Check pulley alignment and adjust if necessary. Close tractor hood.

g) Install male hitch assembly outside attaching plates using pin (fig.1, item 2) and hair pin.

h) Install spring support brackets (fig.2, item 1) on front support brackets using existing hardware.

i) Install handle support bracket (fig.3, item 1) on left hand subframe flatbar using two 3/8" x 1 1/4" bolts, lockwashers and nuts.

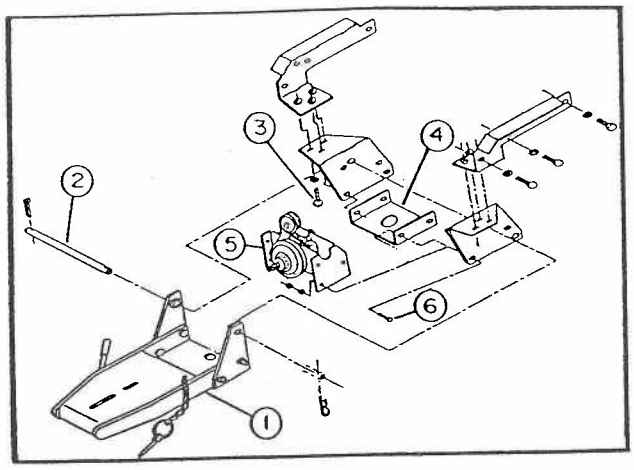


FIGURE 1

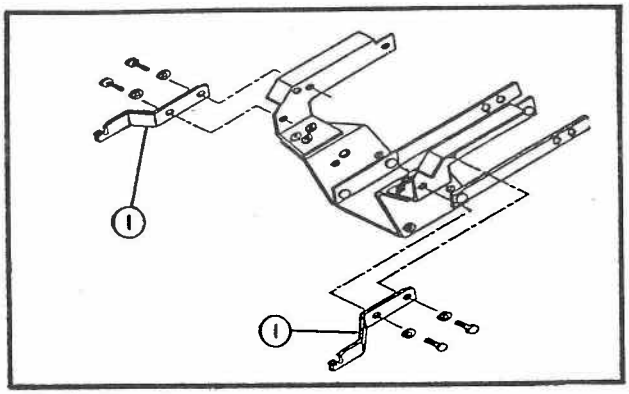


FIGURE 2

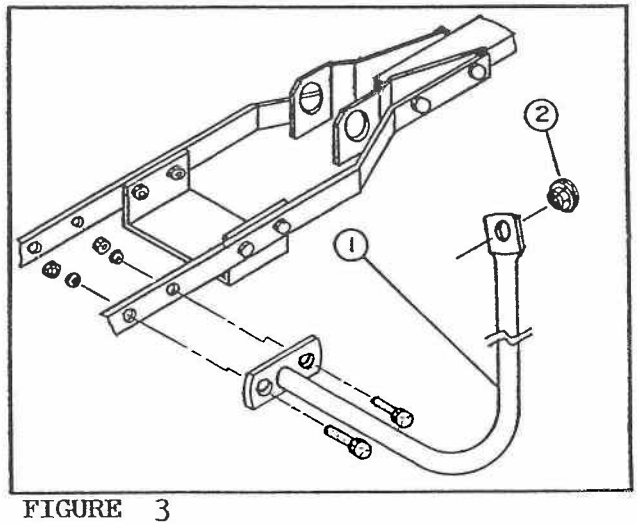


FIGURE 3

NOTE: In order to mount this snowblower on a Honda Multi-Purpose tractor model RT5000, H5013 or H5518, the tractor must be fitted with an HTA QH5000 Quick Hitch Kit.

- Right and left are determined by sitting on tractor seat, facing forward.

STEP 2: SNOWBLOWER PREPARATION FOR RT5000, H5013 AND H5518

a) Relocate support box, by removing the four bolts (fig.4) holding support box to snowblower fan housing. Take roller chain off large sprocket and move support box to upper position (fig.5, item 1).

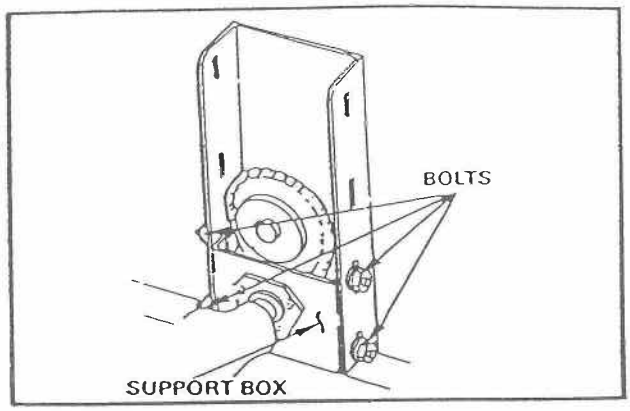


FIGURE 4

b) Install roller chain on large sprocket and install the four bolts (fig.5, item 2) with heads on inside, loosely. Adjust chain tension to 1/4" deflection in longest chain span and tighten the four bolts securely.

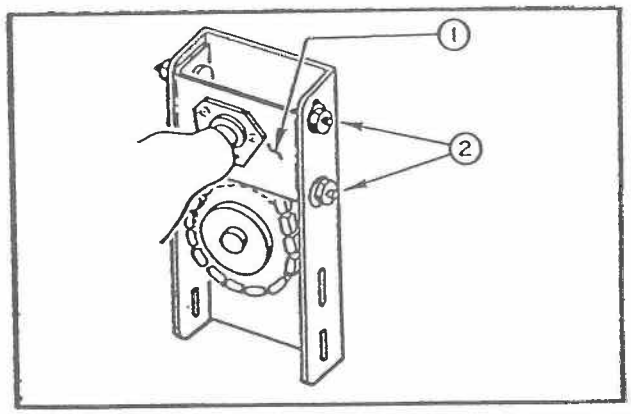


FIGURE 5

c) Install handle support bracket (fig.6, item 1) on underside of tractor right hand foot-board using two 7/16" x 1 1/4" carriage bolts (fig.6, item 2), flatwashers, lockwashers and nuts (place bolt heads on upper side of foot-board). Tighten securely.

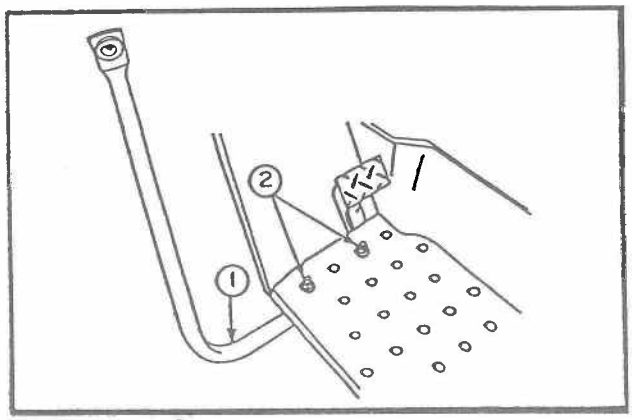
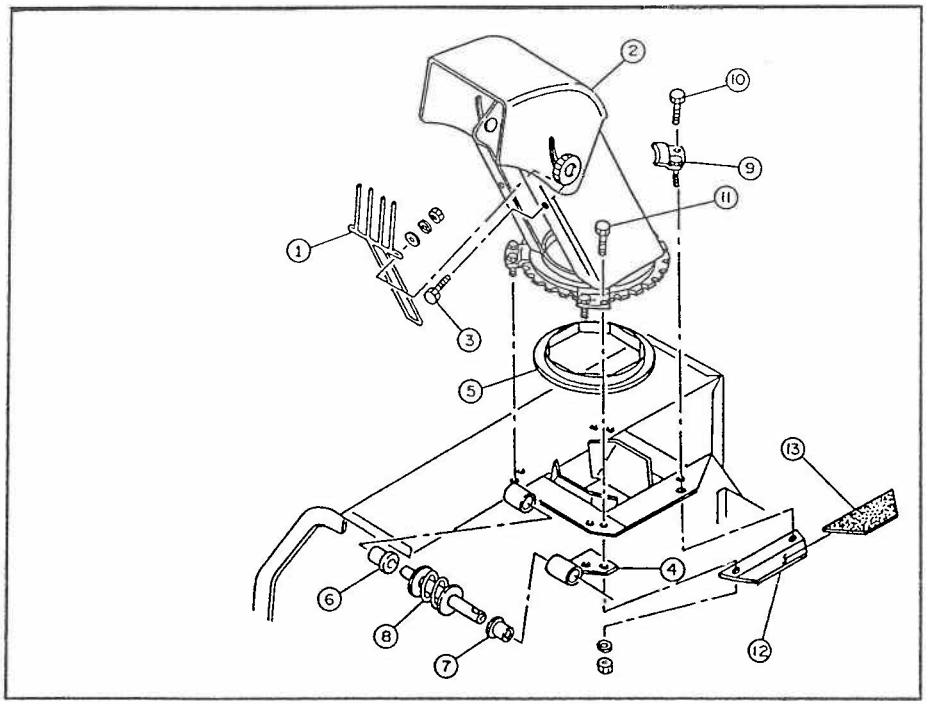


FIGURE 6



STEP 3: **CHUTE AND ROTATION (FIG. 7)**

a) Remove bushing support (4) from chute base lip and discard the bolt.

b) Place plastic anti-friction insert (5) over the chute base, placing nipple on upper side and toward center of fan housing. Only one position provides a perfect fit.

c) Insert plastic bushing (6) on tube weldment.

d) Insert plastic bushing (7) in bushing support (4), grease both ends of rotation worm (8) and insert worm in bushing.

e) Install rotation worm assembly through tube weldment with the attaching plate of support (4) on the underside of chute base lip.

f) Install chute (2) over plastic insert (5)(applying grease in between) and secure with four retaining plates (9),secure retaining plates as follows:

- RT5000, H5013 & H5518 tractors: use two 1/4" x 1/2" bolts (10), lockwashers and nuts in each of two front and rear right retaining plates, and two 1/4" x 3/4" bolts (11), lockwashers and nuts in the rear left retaining plate (9) which also secures support (4). Tighten all bolts.
- H4514 & H4518 tractors: use two 1/4" x 1/2" bolts (10) in each of the two front retaining plates. Use three 1/4" x 3/4" bolts (11) and one 1/4" x 1/2" bolt in the rear retaining plates (9) which also secures support (4) and hood guard (12). Tighten all bolts. Install rubber pad (13) on hood guard.

g) Install hand guard (1) on chute, with the top portion inside the chute and the bottom section outside the chute base ring. Place two 1/4" x 3/4" bolts (3) with the head on the outside of the chute, through the chute, then through the hand guard and secure with a flat-washer, lockwasher and nut. Tighten securely.

STEP 4: SNOWBLOWER PREPARATION

a) Insert two 5/16" x 1" carriage bolts through each skid shoe (fig. 8, item 1) from inside the bend. Place a flatwasher, lockwasher and nut loosely on each bolt and place the bolt heads through the round holes in the outer ends of the bottom angle of the snowblower body. Slide the square shank portion of the bolt head into the slot and tighten securely.

IMPORTANT: On asphalt roadways, adjust skid shoes to allow 3/16" to 1/4" clearance between cutting edge and surface. On gravel surface, allow 1/2" to 5/8" clearance, depending on the size of gravel.

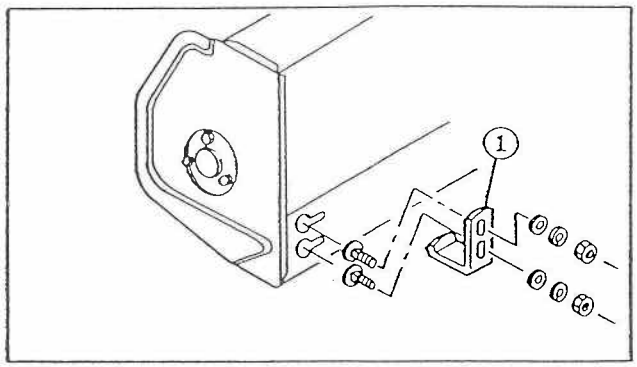


FIGURE 8

b) Attach female portion of hitch (fig. 9, item 1) to snowblower using one 3/8" x 1" bolt in the upper hole of each side (fig.9, item 2), placing the bolt head on the outside, with a flatwasher, lockwasher and nut on the inside. Use one 1/2" x 1" bolt, lockwasher and nut in the bottom hole of each side (fig.9, item 3). Secure loosely.

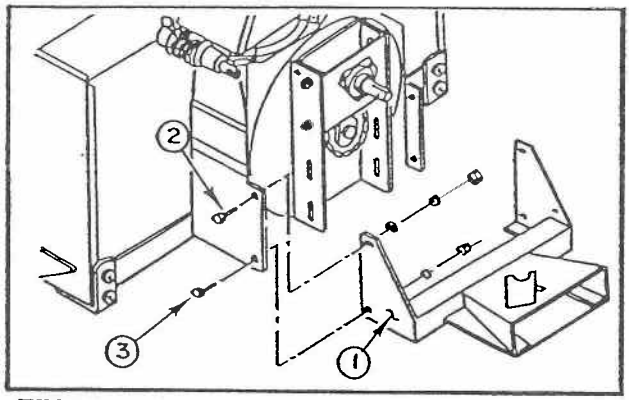


FIGURE 9

c) Remove paint from reduction shaft yoke and install a 1/4" x 1/4" x 1 1/4" key in the reduction shaft keyway.

d) Slide drive shaft yoke (fig.10, item 1) over reduction shaft.

e) Secure yoke to reduction shaft with a 1/4" x 2 1/2" bolt and nylon lock nut (fig.10, item 2). Securely tighten the bolt and the 3/8" x 3/8" allen set screw over key in yoke.

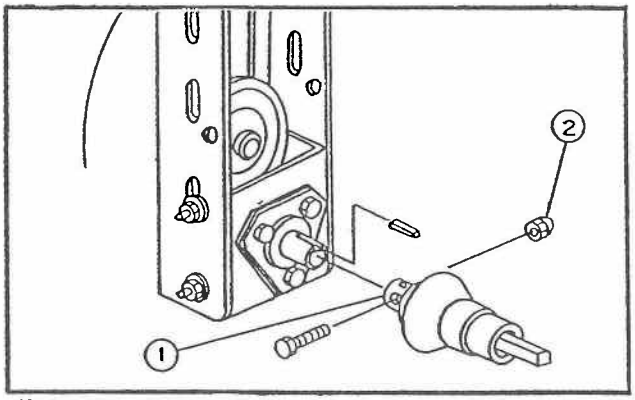


FIGURE 10

f) Install one 1/4" x 7 1/2" bolt (fig.11, item 1) through top holes in reduction box and secure loosely with lockwasher and nut.

g) Hook reduction box cover (fig.11, item 2) over the bolt and secure the cover with a second 1/4" x 7 1/2" bolt, lockwasher and nut. Tighten both bolts securely.

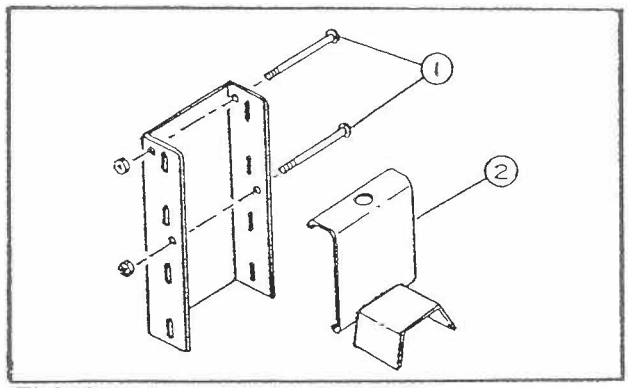


FIGURE 11

STEP 5: ATTACHING SNOWBLOWER TO TRACTOR

a) Insert the male hitch section (fig. 12, item 1) into the female hitch (fig. 12, item 2) and lock in place by moving lever (fig. 12, item 3) fully forward. Secure latch with linchpin .

b) Grease the driveline sliding surfaces and slide the male shaft inside the female tube.

c) Attach the quick lock coupler of the driveline to the tractor PTO.

WARNING: This shaft turns at very high speed. If the collar is not locked to the PTO shaft at the tractor end, or if the yoke at the blower end is not secured properly, the driveline can fly loose with great force, and is capable of causing serious injury or death.

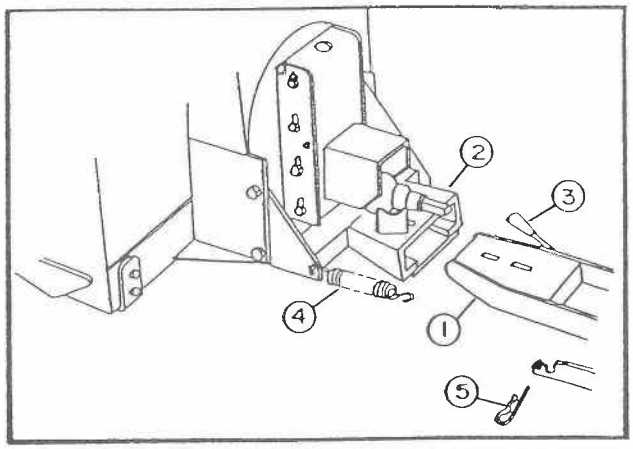


FIGURE 12

d) Make sure blower is 90o to a level surface, and tighten bolts (fig.9, items 2 & 3).

e) Insert the plastic grommet (fig.3, item 2) in the upper hole in the rotation handle support bracket (fig.13, item 3).

f) Attach rotation tube (fig.13, item 1) to shaft of rotation worm, by placing the hooked end of the lower rotation tube through the hole in the shaft of the rotation worm.

g) Place rotation handle (fig.13, item 2) through support bracket (fig.13, item 3), insert into rotation tube (fig.13, item 1) and secure with a 4mm x 80mm hairpin (fig.13, item 4).

h) Install the rubber handle grip on the chute rotation handle.

i) If mounting on H4514 or H4518 models; raise snowblower to transport position. Attach one end of each spring to female hitch and hook other end to spring support bracket and secure with hair pin (fig.12, item 5).

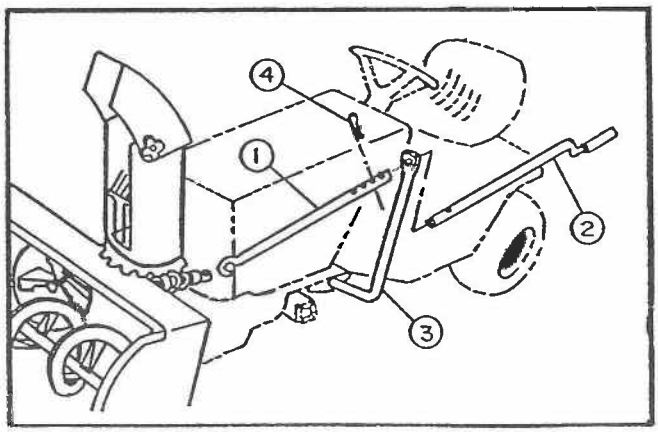


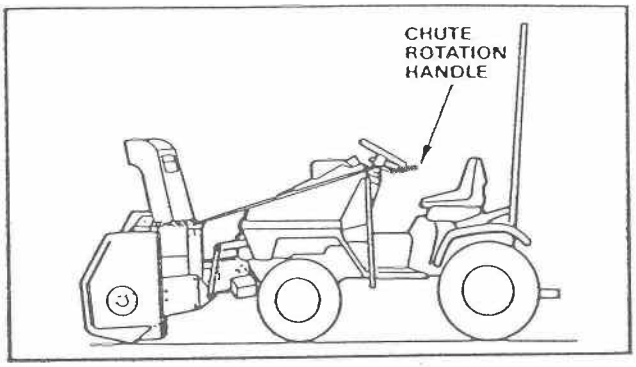
FIGURE 13

OPERATING CONTROLS

⚠ CAUTION : Refer to tractor's Owner's Manual for detailed instructions for the proper use of the P.T.O..

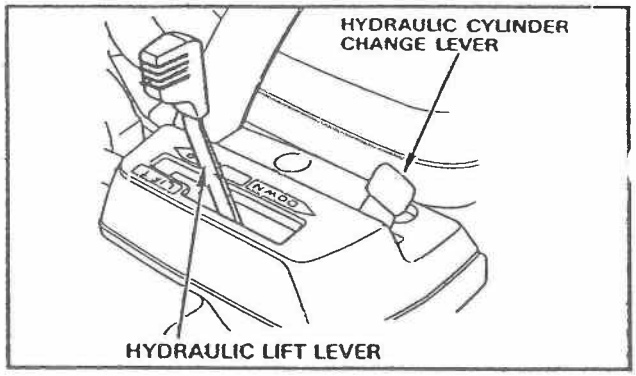
1. CHUTE ROTATION

The chute rotation handle is located to the left of the steering wheel. Turning the handle in a clockwise direction turns the discharge chute in a clockwise direction.

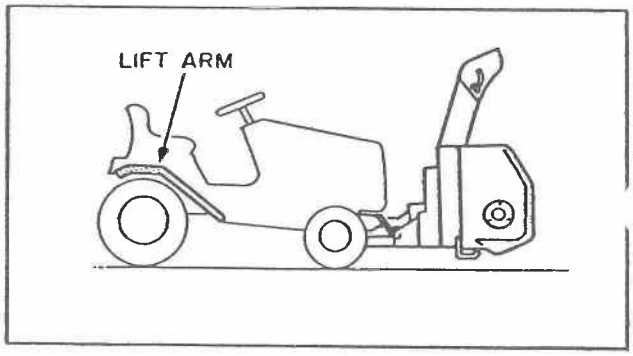


2. RAISING AND LOWERING THE SNOWBLOWER

- RT5000, H5013 & H5518 tractors
  To raise or lower the snowblower,move the hydraulic cylinder change lever to the "FRONT" position, and then move the hydraulic lift lever to the "UP" or "DOWN" position as appropriate (Refer to tractor Owner's Manual for detailled instructions for the hydraulic lift mechanism).



- H4514 & H4518 tractors
  Place lift arm in forward position to lower and operate, and place lift arm in rearward position to raise and transport.



3. STARTING AND STOPPING THE SNOWBLOWER

Move the P.T.O. lever forward to the "ON" position to engage the snowblower. Pull the P.T.O. lever back to the "OFF" position to stop the snowblower.

SNOW REMOVAL

⚠WARNING : Do not allow anyone other than the operator on the tractor. Keep the area to be worked clear of all persons.

NOTE: For extra traction, always use counterweights and tire chains. Inflate the front tires to the maximum recommended pressure.

1. Make sure that the snowblower is clear of snow before engaging the auger, and check that the auger and fan operate freely.

2. Check the worm gear oil level and add AGMA 5 EP or 90 wt. hypoid gear oil, if necessary. (see page 15).

3. Check the shear bolts and tighten, if necessary (see page 15).

4. If necessary, adjust the skid shoes and/or female hitch upper mounting bolts to ensure that the snowblower runs level (see page 14).

5. Start the tractor engine. **With the engine running at full throttle setting,** engage the snowblower. This is especially important when removing wet, sticky snow. Lower settings will tend to clog the chute.

⚠WARNING : If the chute clogs, disengage the P.T.O., shut off the engine and remove the ignition key before leaving the seat to clear the chute. Do not use your hand to unclog the chute; use a 36"(914mm) minimum length stick or board.

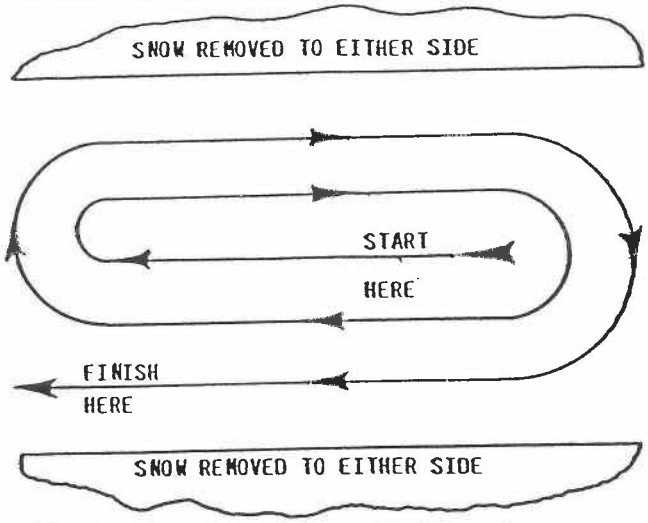
6. To prevent a freeze-up of the auger and/or fan, allow the snowblower to run for a few minutes after the work is complete.

GUIDELINES

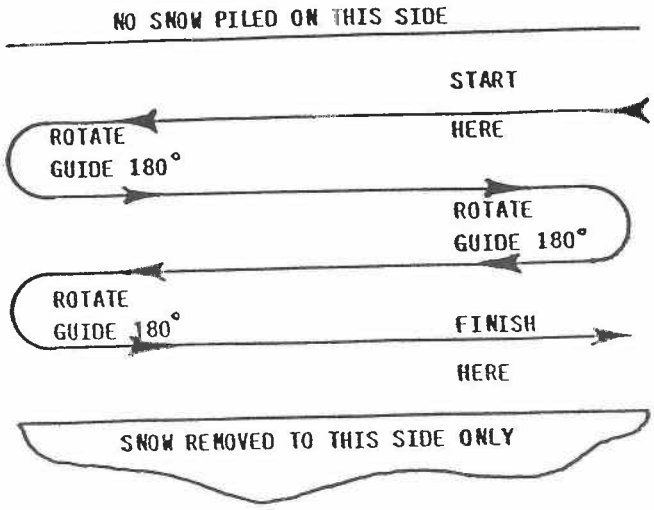
When removing snow, do not use the snowblower as a dozer blade to push snow through deep drifts; let the snowblower work its own way. If the tractor speed is too fast, the snowblower may become overloaded and clog. For best results, raise the snowblower and remove a top layer of snow, then make a second pass at a lower level.

One of the two basic patterns should be used to thoroughly clean the snow area. Use of these operating patterns will prevent snow piles in unwanted places, and eliminate the need for second passes in all but the deepest drifts.

Where it is possible to throw the snow to the left and right, as on a long driveway, start in the middle. Plow from one end to the other, throwing snow to both sides without changing the direction of the chute.



If the snow can only be thrown to one side, start on the opposite side. At the end of each pass, rotate the chute 180o to maintain the direction of throw to the same area.



ADJUSTMENTS

Reduction Chain Slack (Fig. 1)

For maximun operating efficiency, keep the reduction chain slack at 1/4" (measured in one span of the chain). Periodically check the chain, and adjust as required: loosen the four bolts and proceed as follows:

- RT5000, H5013 & H5518 Models:
  To tighten the chain, raise the drive sprocket support box ; lower the box to loosen. Retighten the bolts securely.
- H4514 & H4518 Models:
  To tighten the chain, lower the drive sprocket support box ; raise the box to loosen. Retighten the bolts securely.

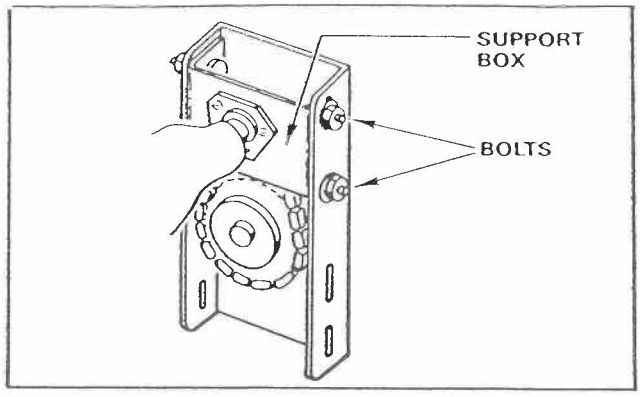


FIGURE 1

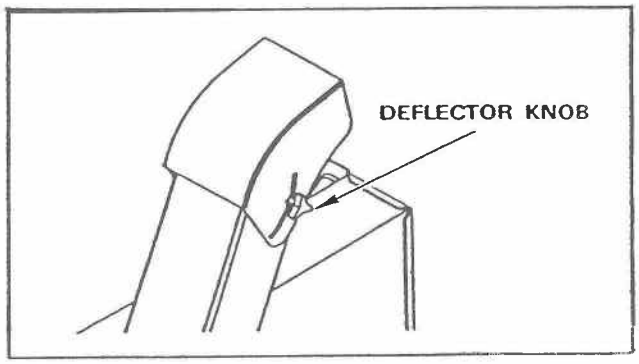


FIGURE 2

Deflector Adjustment (Fig. 2)

Adjust the chute deflector angle according to the distance the snow must be thrown. (raise the deflector for longer distances). Lossen the knobs, adjust the angle and retighten the knobs.

Skid Shoe Adjustment

When working on level, paved surfaces, adjust the skid shoes to allow 1/16" to 1/8" clearance (fig.3, item 1) between cutting edge and surface. On uneven or gravel surfaces, keep the clearance (fig.3, item 1) at 1/2" to 1". To raise or lower the skid shoes, lossen the bolts.

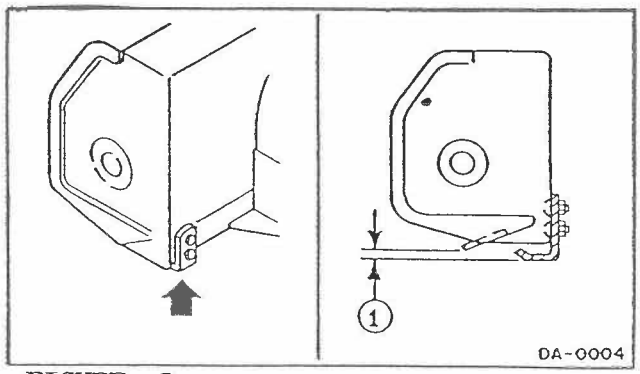
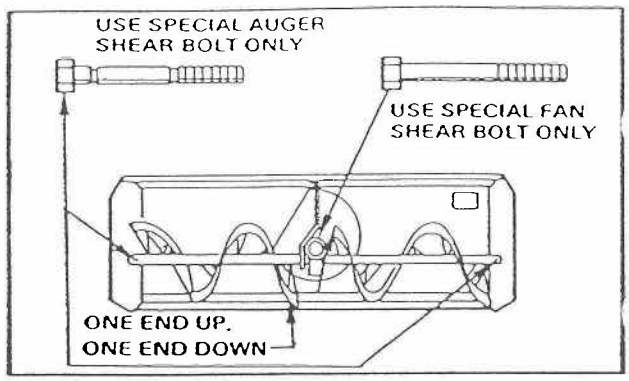


FIGURE 3

⚠CAUTION: Be sure the snowblower is adequately blocked before working under it when it is raised.

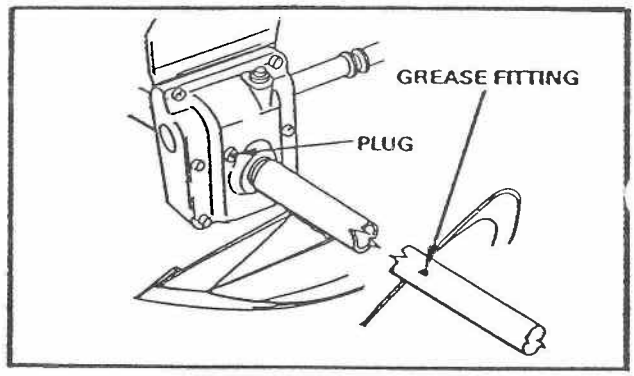
1. Check the shear bolts for tightness at frequent intervals.



IMPORTANT NOTICE To prevent damage to the snowblower, always use special extented shoulder shear bolts on the fan shear assembly and grooved shear bolts on auger sections.

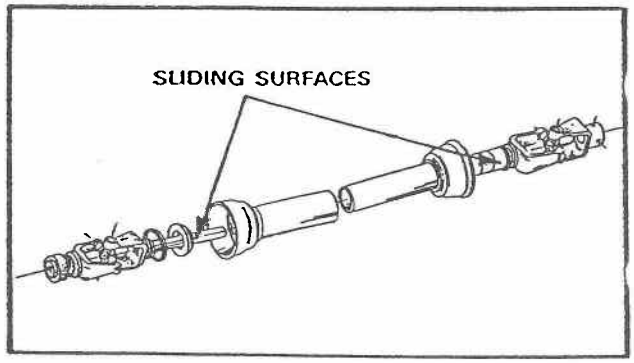
2. LUBRICATION:

Gearbox: Remove the plug and check the oil level monthly. The oil should reach the plug hole. If the level is low, add AGMA 5 EP (extreme pressure) or 90 wt. hypoid gear oil. Shell Omala grade 220 or Gulf grade 220 are recommended.



Auger Sections: Grease the fitting in each auger section every 24 hours of operation, or once a year.

Reduction Chain: Lubricate with chain lubricant every 3 operating hours and at the end of each operation.



P.T.O. Driveline: Every eight operating hours, slide the driveline apart and grease the sliding surfaces. Also grease the U-joints.

REMOVING THE SNOWBLOWER

NOTE: Work on a level surface.

⚠WARNING: To avoid injury, stop engine, set parking brake and remove ignition key.

1. H4514 & H4518 Models only: Remove lift assist springs with snowblower in raised position.
2. Lower the unit. Disconnect the driveline from the tractor P.T.O. shaft and rest it on the stand provided on the female hitch.
3. Remove the rotation handle from handle support bracket.
4. Remove the linch pin from the quick-hitch latch, and move the quick-hitch lever towards the rear.

STORAGE

1. Clean the snowblower thoroughly, and repaint any paint-worn surfaces.
2. When the snowblower is dry, oil all moving parts. Apply oil liberally to all surfaces to protect against rust.
3. Replace parts as needed.
4. Lubricate the snowblower as described on the preceeding page and store it in a dry place.

GENERAL TORQUE SPECIFICATION TABLE (Revised 2-74)

USE THE FOLLOWING TORQUES WHEN SPECIAL TORQUES ARE NOT GIVEN

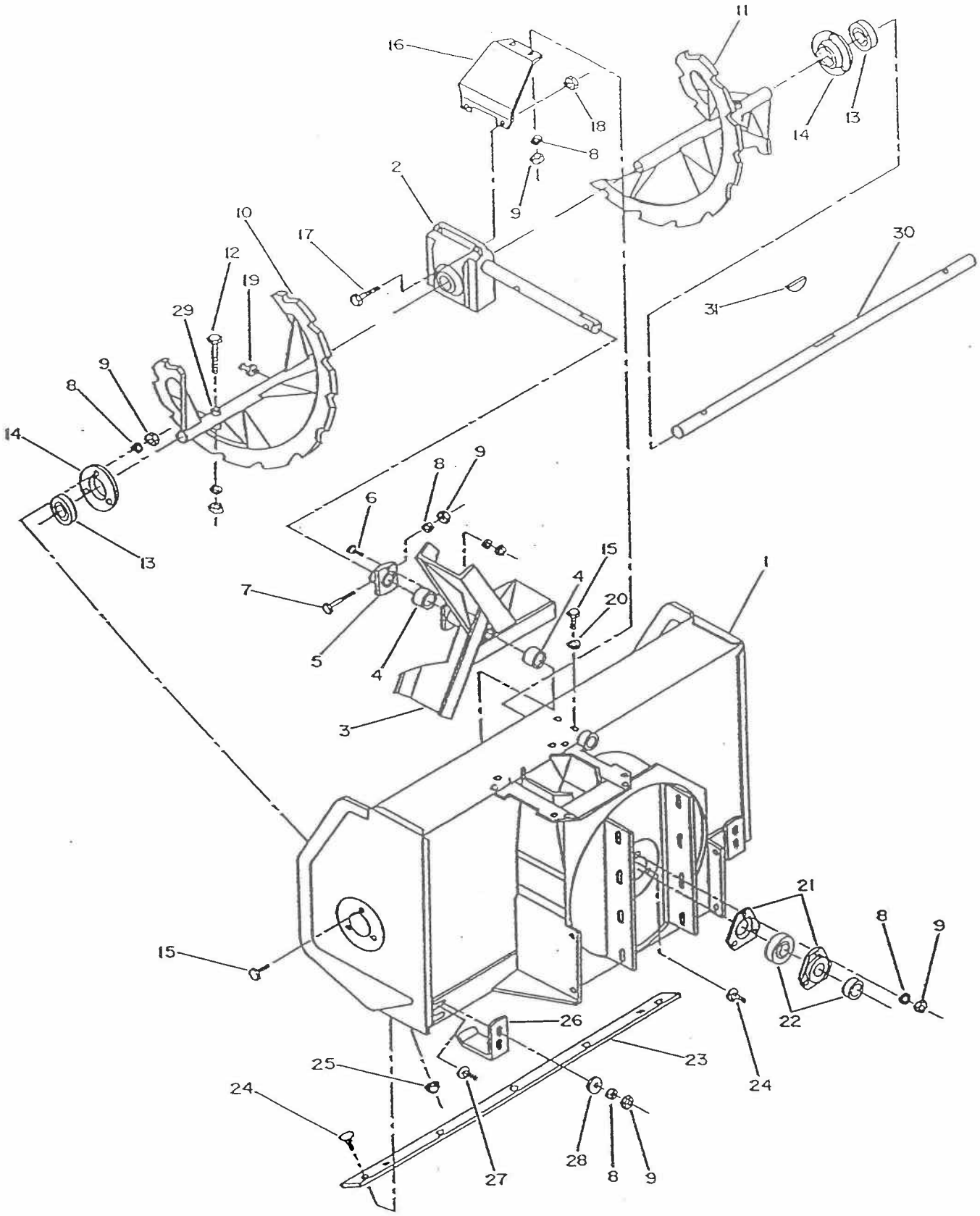
NOTE: These values apply to fasteners as received from supplier, dry, or when lubricated with normal engine oil. They do not apply if special graphited or moly disulphide greases or other extreme pressure lubricants are used. This applies to both UNF and UNC threads.

SEE Grade No.		2				5				8			
BOLT HEAD IDENTIFICATION MARKS AS PER GRADE NOTE: MANUFACTURING MARKS WILL VARY		Torque				Torque				Torque			
Bolt Size		Pounds Feet		Newton-Meters		Pounds Feet		Newton-Meters		Pounds Feet		Newton Meters	
Inches	Millimeters	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
1/4	6.35	5	6	6.8	8.13	9	11	12.2	14.9	12	15	16.3	30.3
5/16	7.94	10	12	13.6	16.3	17	20.5	23.1	27.8	24	29	32.5	39.3
3/8	9.53	20	23	27.1	31.2	35	42	47.5	57.0	45	54	61.0	73.2
7/16	11.11	30	25	40.7	47.4	54	64	73.2	86.8	70	84	94.9	113.9
1/2	12.70	45	52	61.0	70.5	80	96	108.5	130.2	110	132	149.2	179.0
9/16	14.29	65	75	88.1	101.6	110	132	149.2	179.0	160	192	217.0	260.4
5/8	15.88	95	105	128.7	142.3	150	180	203.4	244.1	220	264	298.3	358.0
3/4	19.05	150	185	203.3	250.7	270	324	366.1	439.3	380	456	515.3	618.3
7/8	22.23	160	200	216.8	271.0	400	480	542.4	650.9	600	720	813.6	976.3
1	25.40	250	300	338.8	406.5	580	696	786.5	943.8	900	1080	1220.4	1464.5
1-1/8	25.58	—		—		800	880	1084.8	1193.3	1280	1440	1735.7	1952.6
1-1/4	31.75	—		—		1120	1240	1518.7	1681.4	1820	2000	2467.9	2712.0
1-3/8	34.93	—		—		1460	1680	1979.8	2278.1	2380	2720	3227.3	3688.3
1-1/2	38.10	—		—		1940	2200	2630.6	2983.2	3160	3560	4285.0	4827.4

* Thick nuts must be used with Grade 8 bolts.

METRIC BOLT TORQUE SPECIFICATIONS

Size of screw	Grade No.	Coarse thread			Fine thread		
		Pitch (mm)	Pounds Feet	Newton-Meters	Pitch (mm)	Pounds Feet	Newton-Meters
M6	4T (4)	1.0	3.6–5.8	4.9–7.9	—	—	—
	7T (7)		5.8–9.4	7.9–12.7		—	—
	8T (8) (11)		7.2–10	9.8–13.6		—	—
M8	4T	1.25	7.2–14	9.8–19	1.0	12–17	16.3–23
	7T		17–22	23–29.8		19–27	25.7–36.6
	8T		20–26	27.1–35.2		22–31	29.8–42
M10	4T	1.5	20–25	27.1–33.9	1.25	20–29	27.1–39.3
	7T		34–40	46.1–54.2		35–47	47.4–63.7
	8T		38–46	51.5–62.3		40–52	54.2–70.5
M12	4T	1.75	28–34	37.9–46.1	1.25	31–41	42–55.6
	7T		51–59	69.1–79.9		56–68	75.9–92.1
	8T		57–66	77.2–89.4		62–75	84–101.6
M14	4T	2.0	49–56	66.4–75.9	1.5	52–64	70.5–86.7
	7T		81–93	109.8–126		90–106	122–143.6
	8T		96–109	130.1–147.7		107–124	145–168
M16	4T	2.0	67–77	90.8–104.3	1.5	69–83	93.5–112.5
	7T		116–130	157.2–176.2		120–138	162.6–187
	8T		129–145	174.8–196.5		140–158	189.7–214.1
M18	4T	2.0	88–100	119.2–136	1.5	100–117	136–158.5
	7T		150–168	203.3–227.6		177–199	239.8–269.6
	8T		175–194	237.1–262.9		202–231	273.7–313
M20	4T	2.5	108–130	146.3–176.2	1.5	132–150	178.9–203.3
	7T		186–205	252–277.8		206–242	279.1–327.9
	8T		213–249	288.6–337.4		246–289	333.3–391.6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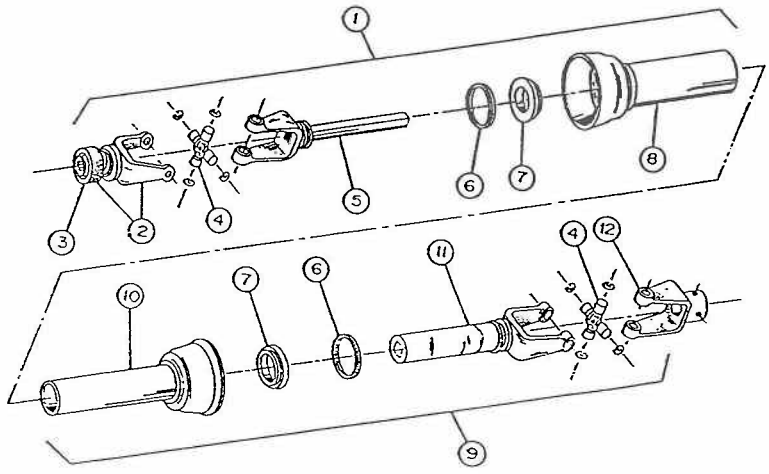
SNOWBLOWER HEAD

REF	DESCRIPTION	QTY
1	Frame	1
2	Worm gear ass´y (CW)	1
3	Fan ass´y	1
4	Bushing	2
5	Fan shear plate	1
6	Fan shear bolt	1
7	Bolt 5/16"NC x 2",gr. 8,hex.	1
8	Washer (5/16" lock)	16
9	Nut (5/16"NC, hex.)	16
10	Auger L.H	1
11	Auger R.H	1
12	Auger shear bolt	2
13	Bearing and locking screw	2
14	Bearing flange	2
15	Hex. bolt 5/16" x 3/4"	8
16	Worm gear support bracket	1
17	Hex. bolt 5/16" x 1 1/4"	2
18	Nut (5/16"NC, nylon lock)	2
19	Grease fitting (1/4"NF)	2
20	Flatwasher 3/8"	2
21	Bearing flange	2
22	Bearing and locking collar.	1
23	Cutting edge	1
24	Carriage bolt 5/16" x 3/4".	9
25	Stover nut 5/16"	6
26	Skid shoes	2
27	Carriage bolt 5/16" x 1"	4
28	Washer (3/8" flat)	4
29	Shear bolt bushing	4
30	Output shaft	1
31	Key woodruff	1

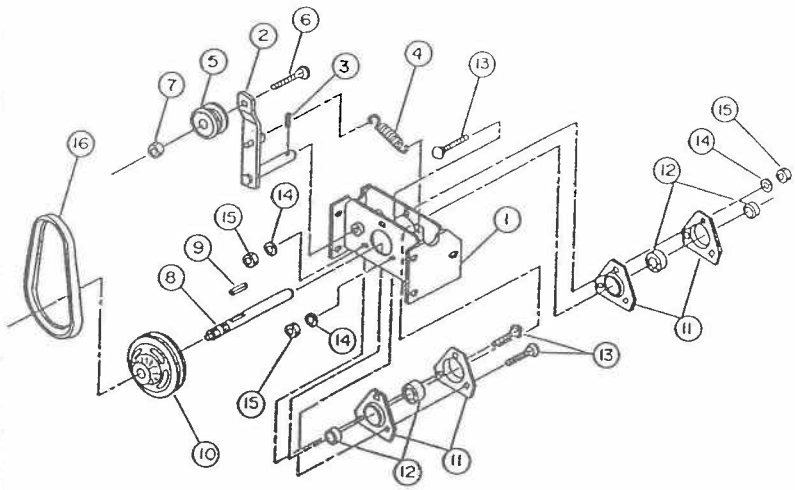
DRIVELINE

REF	DESCRIPTION	QTY
1	Male half ass´y	1
2	Quick connect yoke ass´y	1
3	Spring lock yoke repair kit.	1
4	Universal joint kit	2
5	Yoke & male shaft ass´y	1
6	Bearing retainer	2
7	Nylon bearing	2
8	Outer shield	1
9	Female half ass´y	1
10	Inner shield	1
11	Yoke & Female half ass´y	1
12	Yoke (1" dia. hole)	1
	decal on item 8	1



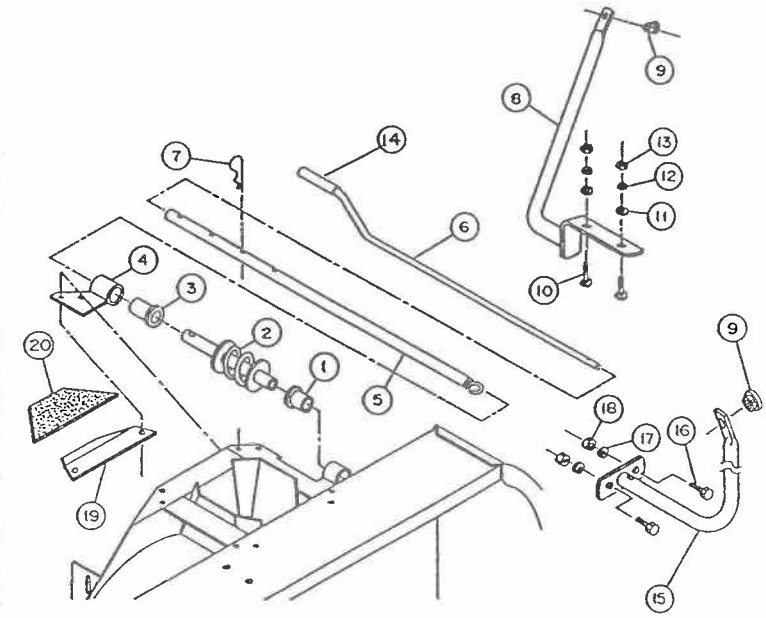
TRANSMISSION BOX ASSEMBLY — FOR H4514 & H4518 MODELS ONLY

REF	DESCRIPTION	QTY
1	Transmission box	1
	Tension arm	1
	Roll pin (3/16" x 1")	1
4	Spring	1
5	Idler pulley 3/8" int. dia.	1
6	Plow bolt (3/8" x 1 3/4")	1
7	Stover nut (3/8"NC)	1
	Shaft	1
	Key (i/4" x 1/4" x1 1/4")	1
10	Pulley 5 1/2" dia	1
11	Flange bearing	4
12	Bearing 1" dia. bore	2
13	Carriage bolt 5/16" x 3/4"	6
14	Lockwasher 5/16"	6
15	Hex. nut 5/16"	6
16	Belt (insta-power #85380)	1



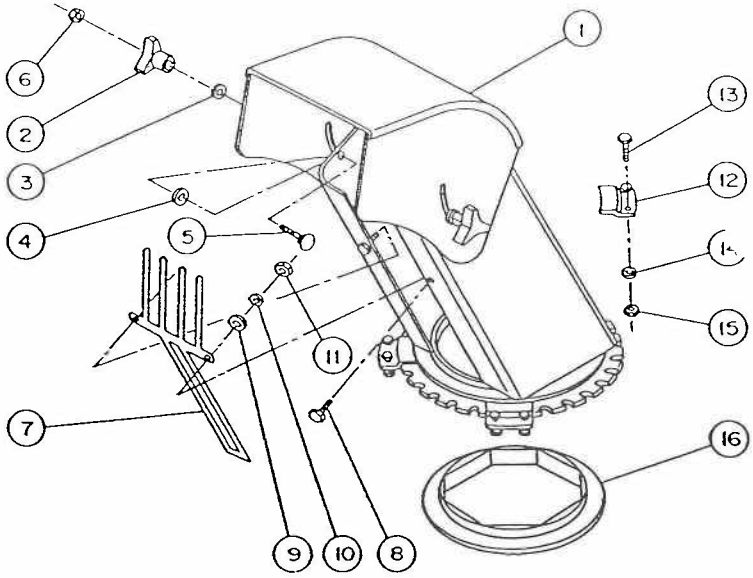
CHUTE ROTATION

REF	DESCRIPTION	QTY
1	Plastic bushing 1 5/16" Lg.	1
2	Rotation worm CW	1
3	Plastic bushing 1 11/16" Lg.	1
4	Rotation worm support	1
5	Rotation tube	1
6	Handle	1
7	Spring pin (4mm x 80mm)	1
8	Handle support (RT5000-5013)	1
9	Plastic grommet	1
10	Carriage bolt (7/16")	2
11	Flatwasher (7/16")	2
12	Lockwasher (7/16")	2
13	Hex. nut (7/16")	2
14	Grip	1
15	Handle support (4514-18)	1
16	Hex. bolt (3/8" x 1"Lg.)	2
17	Lockwasher (3/8")	2
18	Hex. nut (3/8")	2
19	Hood protector (H4514/18)	1
20	Rubber pad	1



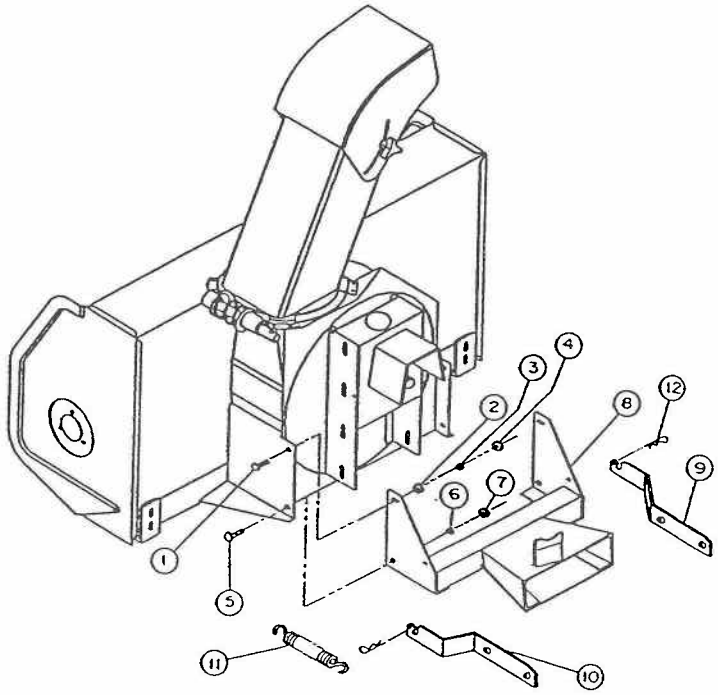
CHUTE ASSEMBLY

REF	DESCRIPTION	QTY
1	Chute sub-assembly.....	1
2	Knob (5/16"NC).....	2
3	Flatwasher (3/8" dia. hole).	2
4	Flatwasher (7/16" dia. hole)	2
5	Carriage bolt 5/16" x 1 1/2"	2
6	Lock nut (5/16" nylon).....	2
7	Hand guard.....	1
8	Hex. bolt 1/4" x 3/4" Lg....	2
9	Flatwasher (5/16" dia. hole)	2
10	Lockwasher 1/4"NC.....	2
11	Nut 1/4"NC.....	2
12	Retaining plate.....	4
13	Hex. bolt 1/4" x 1/2".....	6
	Hex. bolt 1/4" x 3/4".....	3
14	Lock washer 1/4".....	8
15	Hex. nut 1/4".....	8
16	Plastic collar.....	1



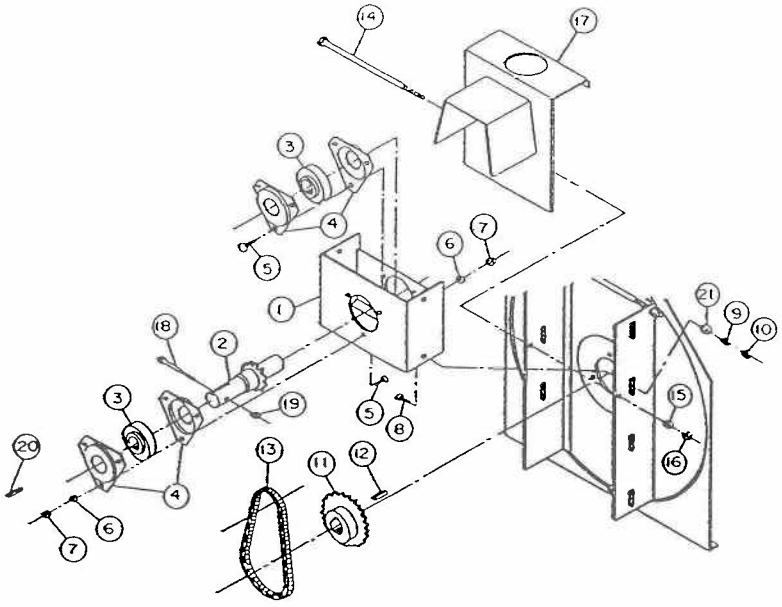
FEMALE HITCH

REF	DESCRIPTION	QTY
1	Hex bolt 3/8" x 1" Lg.	2
2	Flatwasher 7/16" dia. hole..	2
3	Lockwasher 3/8".....	2
4	Hex. nut 3/8".....	2
5	Hex. bolt 1/2" x 1" Lg.....	2
6	Lockwasher 1/2".....	2
7	Hex. nut 1/2".....	2
8	Female hitch.....	1
9	Spring support bracket R.H..	1
10	Spring support bracket L.H..	1
11	Spring.....	2
12	Spring pin 3mm x 65mm Lg....	2



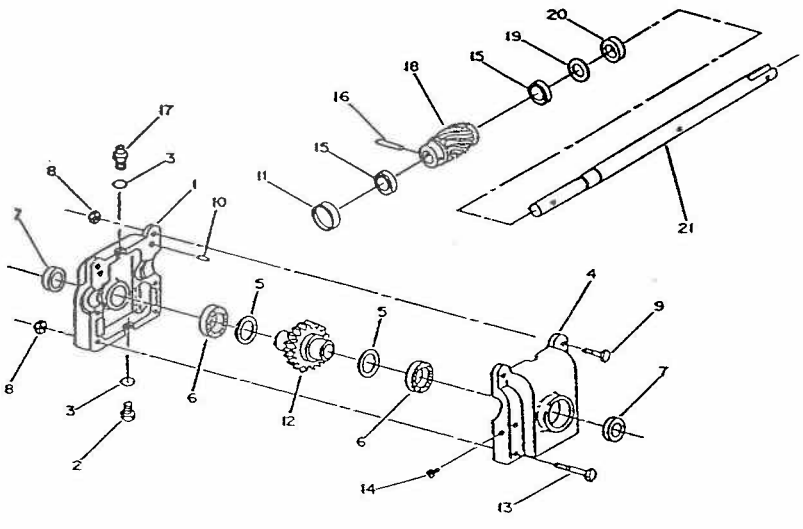
REDUCTION BOX ASSEMBLY

REF	DESCRIPTION	QTY
1	Reduction box	1
2	Drive shaft w/spaocket	1
	Bearing	2
4	Flange bearing	4
5	Carriage bolt 5/16" x 5/8"	6
6	Lockwasher 5/16"	6
7	Hex. nut 5/16"	6
8	Carriage bolt 5/16" x 3/4"	4
	Lockwasher 5/16"	4
10	Hex. nut 5/16"	4
11	Sprocket (H40B32)	1
12	Key 1/4" x 1/4" x 1 1/4"	1
13	Chain # 40 x 37 links	1
14	Hex. bolt 1/4" x 7 1/2"	2
15	Lockwasher 1/4"	2
16	Hex. nut 1/4"	2
17	Guard (RT5000 & RT5013)	1
	Guard (H4514 & H4518)	1
18	Hex. bolt 1/4" x 2 1/2"	1
19	Lock nut 1/4" (nylon)	1
20	Key 1/4" x 1/4" x 1 1/4"	1
21	Flatwasher 3/8"	4



WORM GEAR ASSEMBLY

REF	DESCRIPTION	QTY
1	Casing	1
2	Plug	1
3	O-ring	2
4	Casing ello	1
5	Shim	2
6	Bearing	2
7	Double lip seal	2
	Hex. nut M8	6
	Hex. bolt M8 x 40	2
10	Spring pin	2
11	Cap	1
12	Gear	1
13	Hex. bolt M8 x 65	4
	Plug 1/4"	1
15	Bearing	2
16	Spring pin	1
17	Plug 3/8"	1
18	Pinion shaft	1
19	Shim	1
	Oil seal	1
	Shaft	1



CUSTOMER SERVICE INFORMATION

Your satisfaction and goodwill are important to your dealer and to us. All Honda warranty details are explained in the Distributor's Limited Warranty. Normally, any problems concerning the product will be handled by your dealer's service department. If you have a warranty problem that has not been handled to your satisfaction, we suggest you take the following action:

Discuss your problem with a member of dealership management. Often complaints can be quickly resolved at that level. If the problem has already been reviewed with the Service Manager, contact the owner of the dealership or the General Manager.

If your problem still has not been resolved to your satisfaction, contact the Power Equipment Customer Service Department of American Honda MotorCo.,Inc:

American Honda Motor Co.,Inc.
Power Equipment Customer Service Department
4475, River Green Parkway
Duluth, Georgia 30136
Telephone: (404) 497-6400

We will need the following in order to assist you:

- Your name, address and telephone number
- Product model and serial number
- Date of purchase
- Dealer name and address
- Nature of the problem

After reviewing all the facts involved, you will be advised of what action can be taken. Please bear in mind that your problem will likely be resolved at the dealership, using the dealer's facilities, equipment and personnel, so it is very important that your initial contact be with the dealer.

Your purchase of a Honda product is greatly appreciated by both your dealer and American Honda Motor Company. We want to assist you in every way possible to assure your satisfaction with your purchase.

For future reference, record your unit's model number, serial number and date of purchase in the spaces below. Refer to this information when ordering parts and when making technical or warranty inquiries.

Model:_SB800/SB752A_ Serial Number:_____ Date of Purchase:_____

Current customer service contact information:

United States, Puerto Rico, and U.S. Virgin Islands:

Honda Power Equipment dealership personnel are trained professionals. They should be able to answer any question you may have. If you encounter a problem that your dealer does not solve to your satisfaction, please discuss it with the dealership's management. The Service Manager or General Manager can help. Almost all problems are solved in this way.

If you are dissatisfied with the decision made by the dealership's management, contact the Honda Power Equipment Customer Relations Office. You can write:

American Honda Motor Co., Inc.
Power Equipment Division
Customer Relations Office
4900 Marconi Drive
Alpharetta, GA 30005-8847

Or telephone: (770) 497-6400 M-F, 8:30 am - 7:00 pm EST

When you write or call, please provide the following information:

- Model and serial numbers
- Name of the dealer who sold the Honda power equipment to you
- Name and address of the dealer who services your equipment
- Date of purchase
- Your name, address, and telephone number
- A detailed description of the problem