



Service Bulletin

Models Single-Stage Snow Thrower SB-50 (317-262-190), SB-55 (317E262-190)

Date January 12 1998

Subject REVERSIBLE SHAVE PLATE 731-1921

A product improvement has been made in the shave plate used on the Single-Stage Snow Throwers models 31A-262-190 and 31AE262-190. A new reversible shave plate now extends the life of the plate when one side becomes worn, dull or damaged. The original design on the models 317-262-190 and 317E262-190 utilized a single edge shave plate.

Use the following procedure to replace the single edge shave plate (P/N 731-1728) with the reversible shave plate (P/N 731-1921). Place an order for one 753-0719 Service Kit.

TOOLS REQUIRED

- * Screwdriver (# 2 Phillips head)
- * Ratchet (¼ inch drive)
- * Sockets (5/16, 3/8, 7/16, ½ inch sockets)
- * Extension (10 inch drive)
- * Wrench (7/16 inch combo)

SERVICE KIT 753-0719 REQUIRED

This Kit Contains -

- 1 of 731-1921 Shave Plate
- 1 of 784-0354A Lower Auger Housing
- 4 of 736-0211 Flat Washer
- 2 of 710-0134 ¼ x ½ inch Carriage Bolt
- 6 of 710-0896 ¼ inch Screw Hex Tap

- 1 Follow the instructions attached to this bulletin to remove engine cover/cowling
- 2 Remove two carriage bolts, washers, and nuts securing shave plate to lower auger housing (P/N 784-0354). Discard shave plate and retain hardware.
- 3 Remove five ¼ inch bolts, washers, and nuts inside the engine compartment securing lower auger housing to upper plastic auger housing (P/N 731-1763). Retain washers and nuts.
- 4 Remove belt guard (P/N 784-0360) on left side of unit. Retain hardware and guard.
- 5 On LH side, remove and discard the ¼ inch bolt and nut that secures lower auger housing to LH frame (P/N 784-0359).
- 6 Located under drive belt, remove and retain ¼ inch bolt securing lower plastic engine cover (P/N 731-1751) to LH frame.
- 7 Remove and retain truss machine screw and lock nut securing lower auger housing to RH frame (P/N 784-0355).

8. Located in front of right wheel, remove and retain ¼ inch tap screw securing lower plastic engine cover to RH frame.
9. Remove lower auger housing from blower by pulling on left side of housing and sliding it out at an angle.
10. Install new lower auger housing (P/N 784-0354A) by starting with RH side and then LH side sliding panel in position. **NOTE: Lower plastic engine cover must be under auger housing.**
11. Next, use five new ¼ inch hex tap screws (P/N 710-0896) and five washers retained in step 3 to secure lower auger housing to upper plastic auger housing. Leave screws loose.
12. On LH side, install new ¼ inch hex tap screw (P/N 710-0896) to secure lower auger housing to LH frame. Leave screw loose.
13. Retained in step 6, install ¼ inch bolt, under drive belt, securing lower plastic engine cover to LH frame. Do not replace with ¼ inch tap screw.
14. Retained in step 7, install truss machine screw and lock nut securing lower auger housing to RH frame. Now, tighten all screws securely.
15. Retained in step 8, install ¼ inch tap screw securing plastic engine cover to RH frame.
16. Retained in step 4, install belt guard.
17. Using ¾ inch long carriage bolts and nuts retained in step 2 and new flat washers (P/N 736-0211), secure RH side & LH side of new shave plate (P/N 731-1921) to lower auger housing. Leave screws loose. **NOTE: Place flat side of shave plate on underside of lower auger housing. Install carriage bolts with heads on the inside of housing.**
18. Install, in center two holes of shave plate, new ½ inch long carriage bolts (P/N 710-0134), new flat washers (P/N 736-0211), and nuts retained in step 5. Leave screws loose.
19. Follow instructions attached to this bulletin to install engine cover/cowling.
20. To adjust shave plate, place unit on a level surface and put ½ inch blocks under both wheels. Adjust shave plate as needed so the rubber on augers contact the level surface. This will allow the rubber on the augers to propel the snow thrower forward when lifting up on the handle. Tighten shave plate bolts and nuts securely.
21. Make certain all bolts and nuts are tightened securely. Check for proper operation.

Warranty Allowance: This is a product improvement, therefore updating of units does not qualify under warranty.

Service Manager	Parts Manager	Service Tech.	Service Tech.	Service Tech

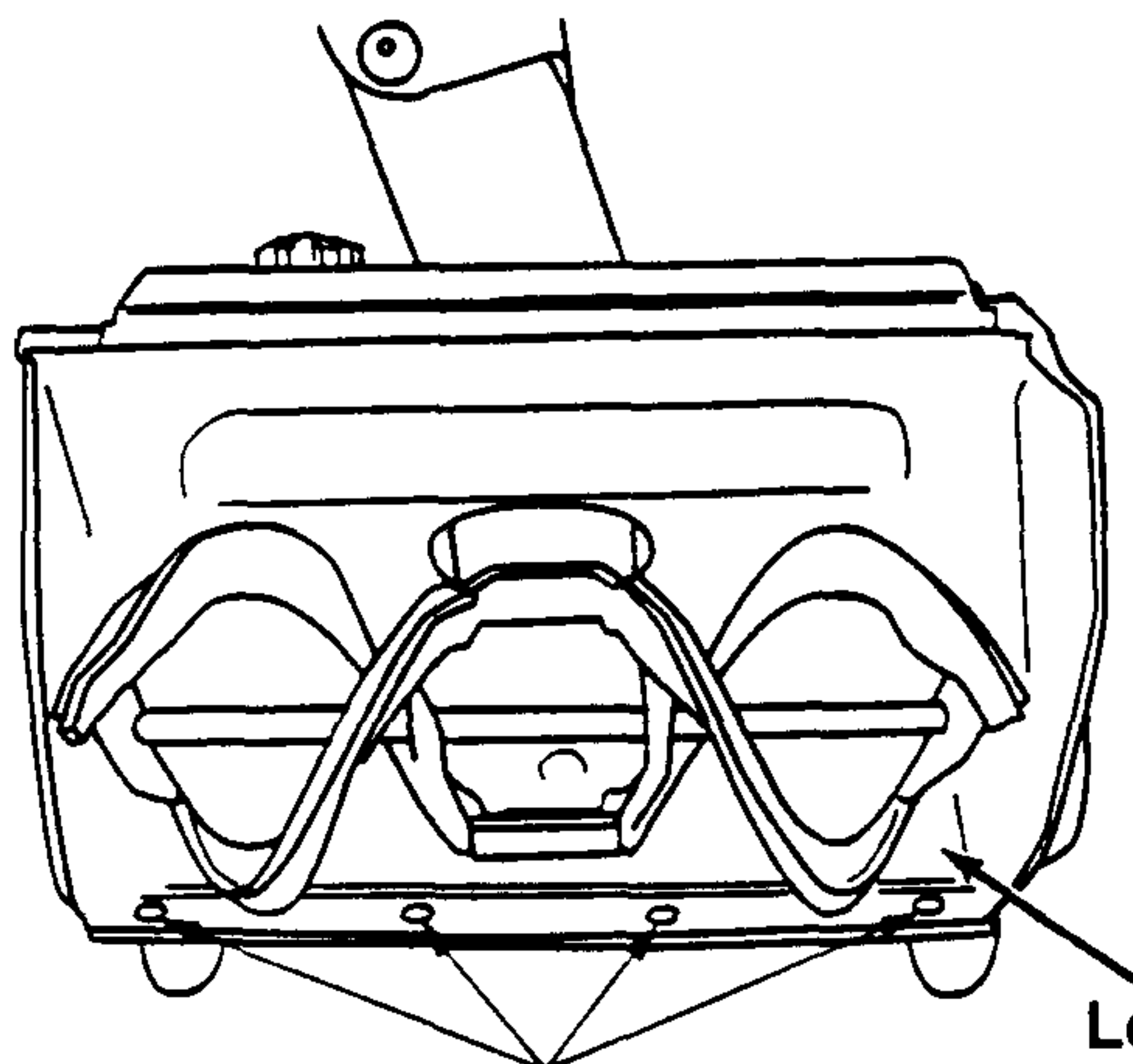
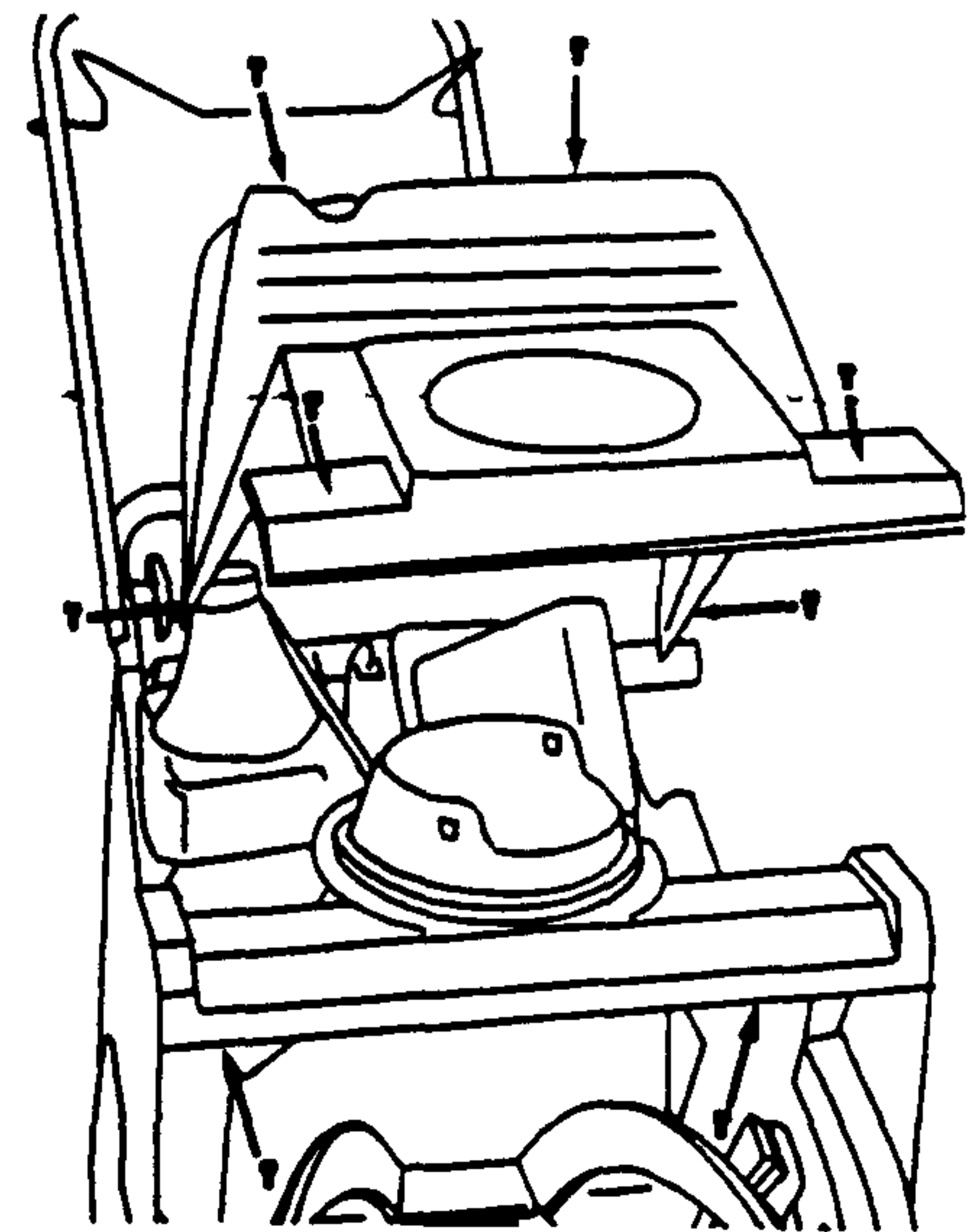
Circulate and Initial



Warning: To avoid serious bodily injury when performing adjustments, maintenance or lubrication, stop the engine, remove key from the switch and disconnect the spark plug. Follow safety instructions mentioned here and safety labels on the unit.

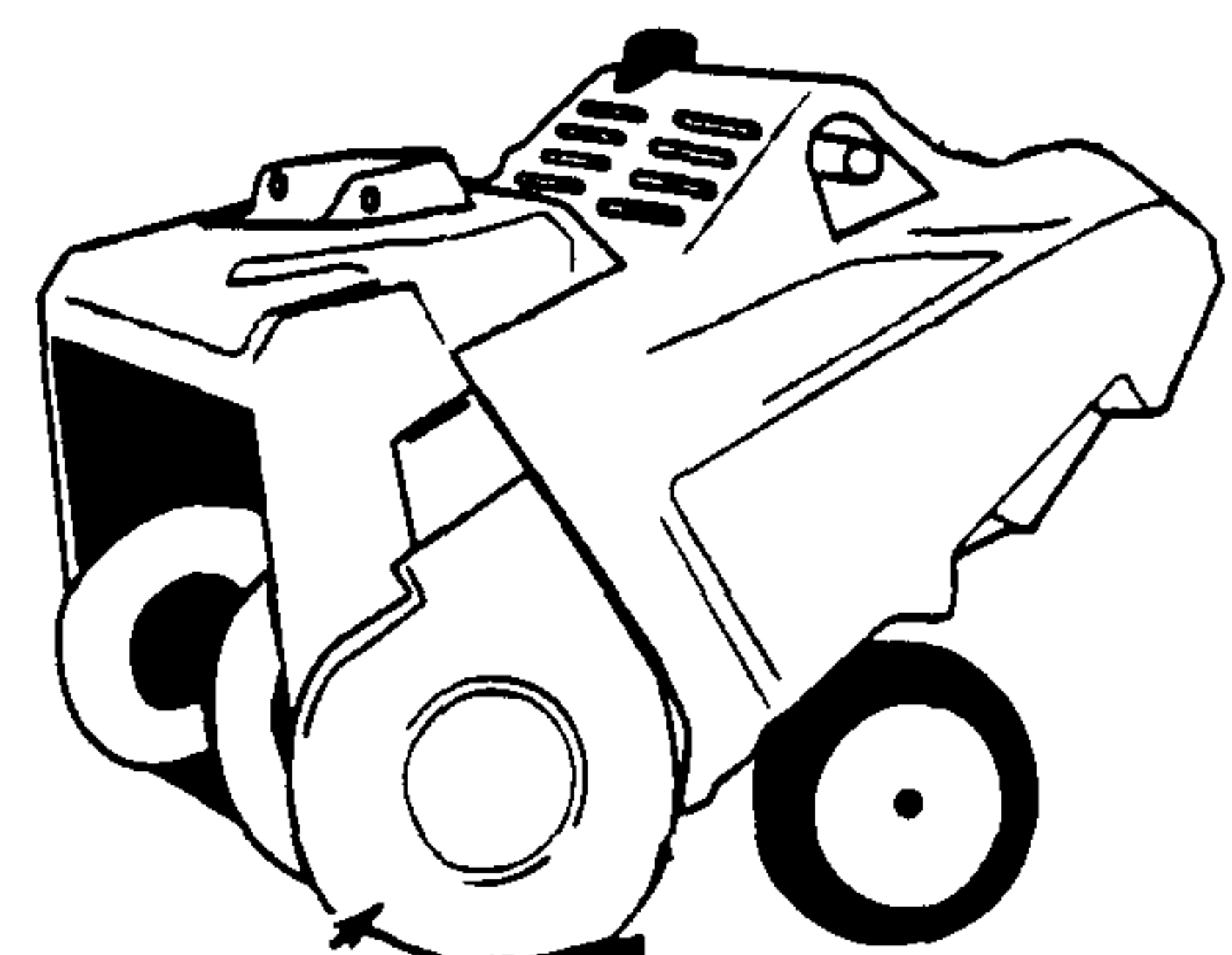
REMOVING ENGINE COVER/COWLING:

- A. Remove key from the ignition switch.
- B. Remove the three screws holding the discharge chute to the rotating ring. Remove the chute.
- C. Remove the two hex bolts, four flat washers, and two nuts from the top of the cover.
- D. Remove two screws and flat washers each from inside the auger housing, along with the two screws from the rear of the cover, and both sides of the cover.
- E. Remove the fuel tank cap and lift the cover/cowling carefully up and away from the engine exhaust pipe. Reinstall the cap on the fuel tank. Do not lose the hardware.
- F. During reassembly of the cover/cowling, remove fuel tank cap first. Check to be certain that none of the harness wires can contact the cylinder head. Next, make sure that the metal grommet for engine starter rope is in position between cowlings. The tabs at lower front of cover must be positioned to the inside of belt cover on the left and inside the lower cowling on the right.
- G. Leave retaining screws loose until all are in place, then tighten them securely. Reinstall fuel tank cap.



Shave Plate Bolts

Lower Auger Housing



LH Belt Guard

Shave Plate