

INSTALLATION INSTRUCTIONS

This kit fits all Snapper 28 & 33" model rear-engine Riding Mowers. It also fits Snapper LT series Lawn Tractors provided the tractor is equipped with the #6-0587 rear mount adapter kit and has the 33" mower.

Some pre-assembly steps are required during the initial installation to prepare the Rider or Tractor to receive the kit. Also certain kit items are not completely assembled due to shipping requirements. The following procedure is suggested for installing the kit. Refer to pages 2 and 3 for identification of parts described.

1. AIR LIFT INSTALLATION: If the mower being prepared does not have air lifts on the blade tips, assemble the air lifts to the topside of the blade tips as shown in figure 1. **NOTE:** Tighten the nuts 20-25 foot pounds to draw the heads of the machine screws down firmly into the bevels, then retighten each to this same torque value.

2. HEAT SHIELD (REAR ENGINE RIDERS ONLY): Remove the upper screw on the right side rear bumper, slip the shield down over the bumper as shown in figure 2 and secure with the same screw.

3. TUBE HANDLE: Position the handle base inside the tube and the handle on the outside, align the holes then secure these with two 3/4" carriage bolts (heads on inside) and with two internal tooth lockwashers and 1/4-20 hex nuts on the outside of the handle. (Figure 3).

4. STAND-OFF BRACKET: Insert one of the 3/4" long carriage bolts from the inside of the hole closest to the tube end of the adapter, install tube latch, then stand-off bracket and secure these with an internal tooth lockwasher and 1/4-20 hex nut. Assemble other end of the stand-off bracket to the tube with same size fasteners. (Figure 3).

5. ADAPTER TO DECK: Lift the deflector, then tilt the top of the adapter upward, then slide it toward the rear until the retaining ridges slide under the two engagement lugs on the deflector latch hinges. Bump the adapter rearward with the palm of your hand if necessary to force the ridges under both the front and rear lug locks. Align the hole in the side of the adapter with the hole in the deck, insert a 1" long carriage bolt from inside the deck and secure with a 5/16-18 wing nut on the outside.

6. COVER INLET: Attach inlet of the opening in the top and secure inlet flange to the holder with five of the 1/4x1/2 carriage bolts and 1/4 hex locknuts.

7. TOP SECTOR: Install the sector to the top inside surface of the cover as shown in figure 3 and secure with four 1/4x3/4" round head machine screws, 1/4 flat washers and 1/4 hex nuts.

8. FILTER SCREEN: Slide the screen into the slot in right side of cover and lock in position in hole in rear of cover.

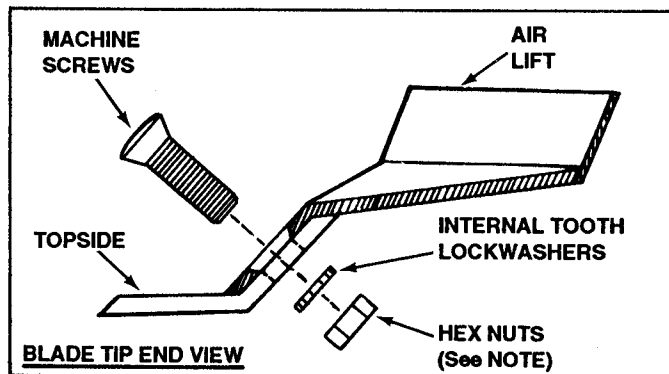


FIGURE 1 - AIR LIFT ASSEMBLY DETAIL

9. CENTER BRACE: With cover raised, use a phillips head screwdriver to remove the screw and T-nut holding the two bag support tubes together, insert the notched edge of the center brace in opening in cover plate of tractor or rear of main case of Rider pull brace up into position between the two bag supports, align holes and secure with the T-nut and flat head screw removed earlier.

10. GRASS BAGS: Always install the twin bags with solid side toward the rear of the Rider or Tractor. This keeps chaffe from blowing back on hot engine parts or the operator. Refer to page 4 for operating instructions.

11. HINGE ADJUSTMENT: When cover is opened 60 to 70 degrees, it should stay open. If needed, tighten the hinge pivot bolts until a slight drag is felt as the cover is raised. **Note:** Too much drag will cause the cover not to close properly-readjust as needed.

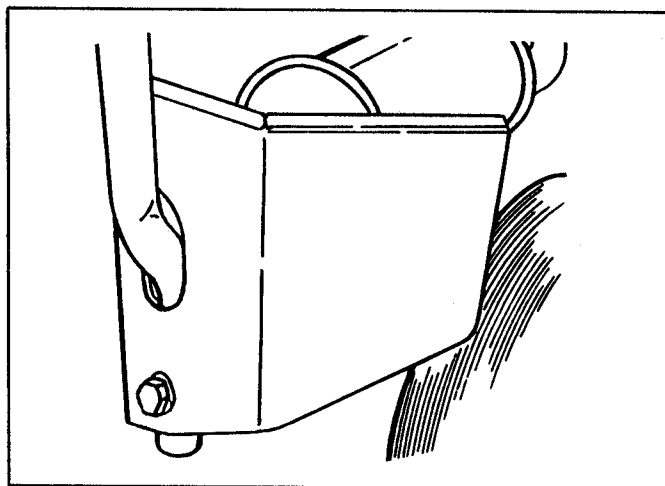


FIGURE 2 - MUFFLER SHIELD INSTALLED

TWIN BAG KIT 6-0570

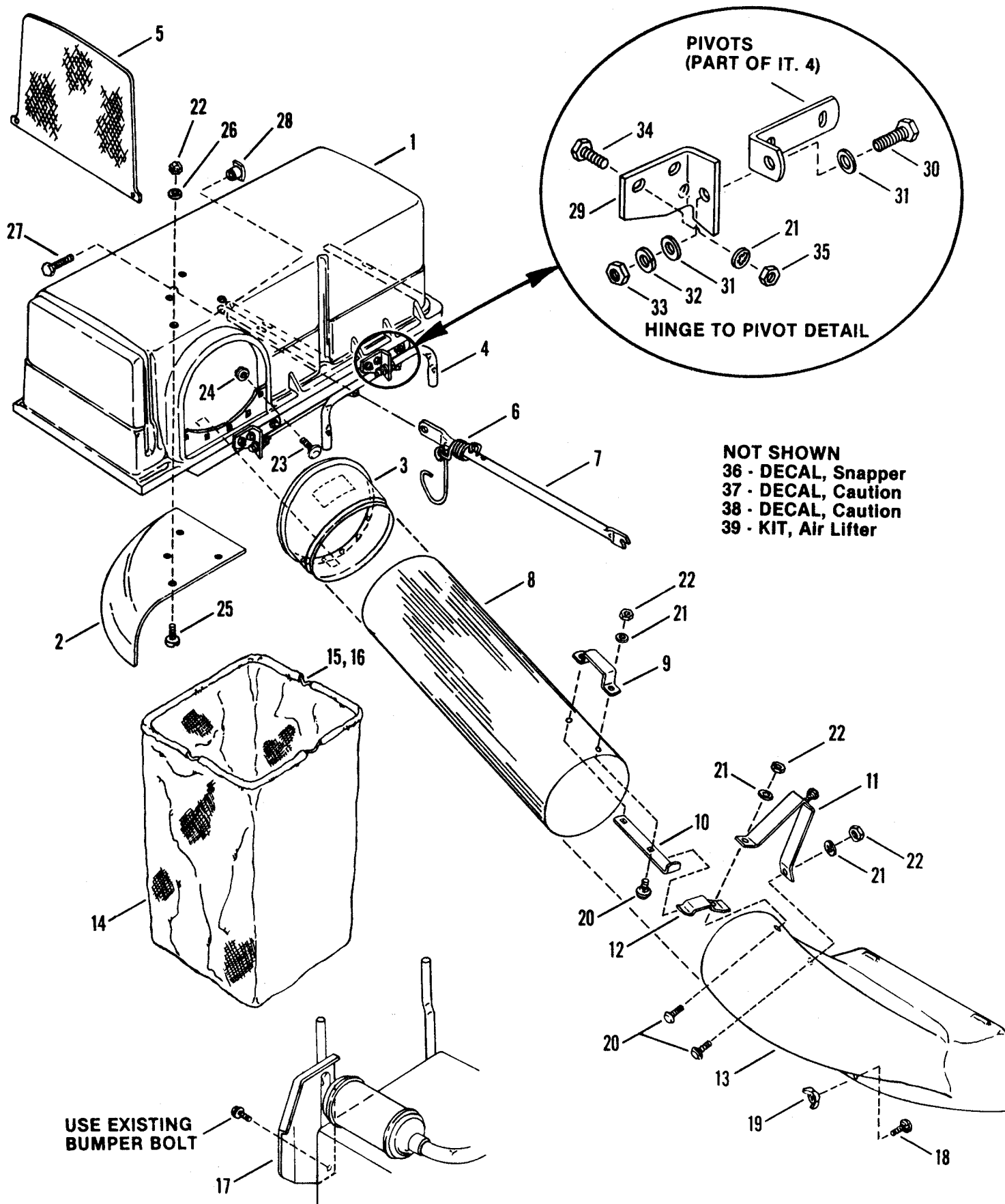


FIGURE 3 - TWIN BAG KIT COMPONENTS

TWIN BAG GRASS CATCHER PARTS

ITEM	PART NO.	DESCRIPTION
1	5-9626	COVER ASSEMBLY (Includes 3-6075 Bar)
2	1-9725	SECTOR (Inside Top Baffle)
3	1-9966	INLET
4	5-9836	MOUNTING ASSY. (Includes following indented items)
-	3-5032	SUPPORTS, Bag (2)
-	3-5033	HOLDER, Bag Supports
-	3-6074	HOLDER, Inlet
-	3-2313	SPACER CLIP, Left side hinge pivot
-	3-2311	PIVOT, Hinge
-	3-6071	CLOSURE, Right side
-	3-6072	MOUNTING, Bagger Support tube
5	5-7341	SCREEN ASSEMBLY (Includes 1-9731 Screen & 1-9732 Frame)
6	5-1407	SPRING & HOOK ASSEMBLY
7	3-6073	BRACE
8	1-4517	TUBE, Grass
9	3-7745	HANDLE, Tube
10	3-1952	BASE, Tube Handle
11	3-7725	BRACKET, Stand-off
12	3-1951	LATCH, Tube
13	1-9912	ADAPTER, (Chute)
14	1-8613	BAG, Grass Catcher (2)
15	1-9965	ROD, Bag Support
16	1-4456	CONNECTOR, Rod
17	3-6076	SHIELD, Muffler Heat
18	9-0383	BOLT, 5/16-18x1" Short Neck Carriage (1)
19	9-0375	WING-NUT, 5/16-18 (1)
20	9-0074	BOLT, 1/4-20x3/4" Short Neck Carriage (4)
21	9-0053	LOCKWASHER, 1/4 Internal Tooth (8)
22	9-0063	NUT, 1/4-20 Hex (8)
23	9-0005	BOLT, 1/4-20x1/2" Short Neck Carriage (5)
24	9-0477	LOCKNUT, 1/4-20 Flange (5)
25	9-0847	SCREW, 1/4-20x3/4" Round Hd Machine (4)
26	9-0055	WASHER, 1/4 SAE (Flat) (4)
27	9-0830	SCREW, 5/16Cx1-1/2" Flat Head (1)
28	3-1928	T-NUT, 5/16C (1)
29	3-8087	HINGE, Top (2)
30	9-0238	CAPSCREW, 5/16-24x1" Hex Head (2)
31	9-0188	WASHER, 5/16 SAE (Flat) (4)
32	9-0187	LOCKWASHER, 5/16 Split (2)
33	9-0222	LOCKNUT, 5/16-24 Hex (2)
34	9-0541	CAPSCREW, 1/4-28x3/4" Hex Head (4)
35	9-0095	NUT, 1/4-28 Hex (4)
36	1-8593	DECAL, Snapper (11-1/2" Long)
37	1-1910	DECAL, Caution (On Inlet-item 3)
38	1-1964	DECAL, Caution (Grass Bag)
39	6-0480	KIT, Air Lift

GRASS CATCHER OPERATION

This rear mounted catcher features two easy to handle grass bags with dumping straps on the bottom. The solid, dust skirt side of each bag must be installed facing the rear of the tractor. Under dry conditions, small dirt particles and chaff will escape thru the three open mesh sides of the bags. When operating, the bag on the left side will usually fill faster than the right side unless the grass is dense and/or very wet. Check the outlet screen for clogging if the bag on the right side fills faster than the bag on the left under normal conditions.

Standard 30 gallon plastic trash bags can be placed in the catcher bags when the clippings are to be picked up by a trash disposal service. Roll the top edges of the trash bags over the metal holder rod inside the top of catcher bag. Make sure plastic material wraps around the three exposed loops of the holder rods to keep the trash bags open. Use extra strength trash bags.

Your twin bag Grass Catcher equipped Snapper will keep your lawn cleaner than it would be by raking or using any other vacuum method. The Hi-Vac mower unit, which features a patented rolled-lip deck design, will do an excellent job of vacuuming and bagging grass clippings, leaves, litter and even hard to pick-up pine straw. Following are some hints for using the grass catcher.

- Grass clippings and litter are picked up by the vacuum created by the cutter blade, and blown into the bag by the air blast coming from the blade. The vacuum and air blast must be sufficient to handle the material you want to collect.
- Light, dry clippings may be put into the bag by using the standard cutter blade and mowing at normal speeds.
- Heavier, more lush material will require more suction and air blast. Run the engine faster and slow down the forward speed of the mower.

- For maximum lift the cutter unit should be set about 2½" to 3" high - the heavier the litter to be picked up, the higher the unit should be set. Make more than one pass over the area to be cleaned, if needed.

- Very heavy, lush grass, matted leaves or pine straw will require all the vacuum and blast you can give it. Run the engine at top speed and the mower at its slowest forward speed. Take less than a full swath under most severe conditions.

- Normally it is best to mow or clean by operating in a clockwise direction. However, if litter is matted and heavy, make the first pass in a counterclockwise direction, as material is picked up on the left side of the cutter unit will more easily enter the chute and go into the bag.

- The vacuum action of the blade will pick up dust unless the grass is very thick or the ground is wet. Be prepared for this dust storm. You can minimize it if you learn to operate the cutter blade at the lowest speed that will put the clippings and litter in the bag. Because of the dust, your engine air cleaner should be serviced more frequently than usual.

- Never fertilize with dry-type fertilizer just before mowing. The vacuum action will pick up most of the fertilizer and put it in the bag, where it will do very little good for your lawn.

- Do not be afraid to experiment with different blade speeds, cutter unit heights, and forward speeds until you have learned how to make your Snapper Riding Mower operate best under YOUR condition.

WEIGHTED LOAD CARRIER *

- In addition to providing a handy tote box on the front end of your rear engine rider for general chores, the carrier is a must especially if the Rider is to be operated on slopes in excess of 10 degrees (17 percent grade). Under these conditions the carrier should be weighted down with 50 pounds of material to counter-balance the weight of the grass as the catcher is filled and keep the front wheels firmly on the ground to prevent loss of steering control and stability. Order and install Kit #6-0197.

*Rear Engine riders only!

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