



**MULCHING KIT
FOR
50" MOWERS**

SECTION 1

INSTALLATION INSTRUCTIONS

1. Move the PTO lever to the "OFF" position, stop the engine and remove the ignition key. Remove the belt cover and mower drive belt from the mower. See Section 4 of the Pro Power Units Operator's Manual.
2. Remove the mower from the mower frame. Turn the mower upside down and clean grass from inside the deck.
3. Remove the two 3/8-16x1.00 round head square neck bolts, flat washers and lock nuts which fasten the chute bracket to the deck and remove the safety shield and chute brackets.
4. Position the chute baffle weldment inside the mower deck as shown in Figure 1. Fasten the weldment to the deck with the two 3/8-16x.75 carriage bolts and lock nuts.
5. Position the mulching baffles inside the deck as shown in Figure 1.

NOTE: There should be approximately equal clearance between the tips of the blades and the baffles as the blade rotates.

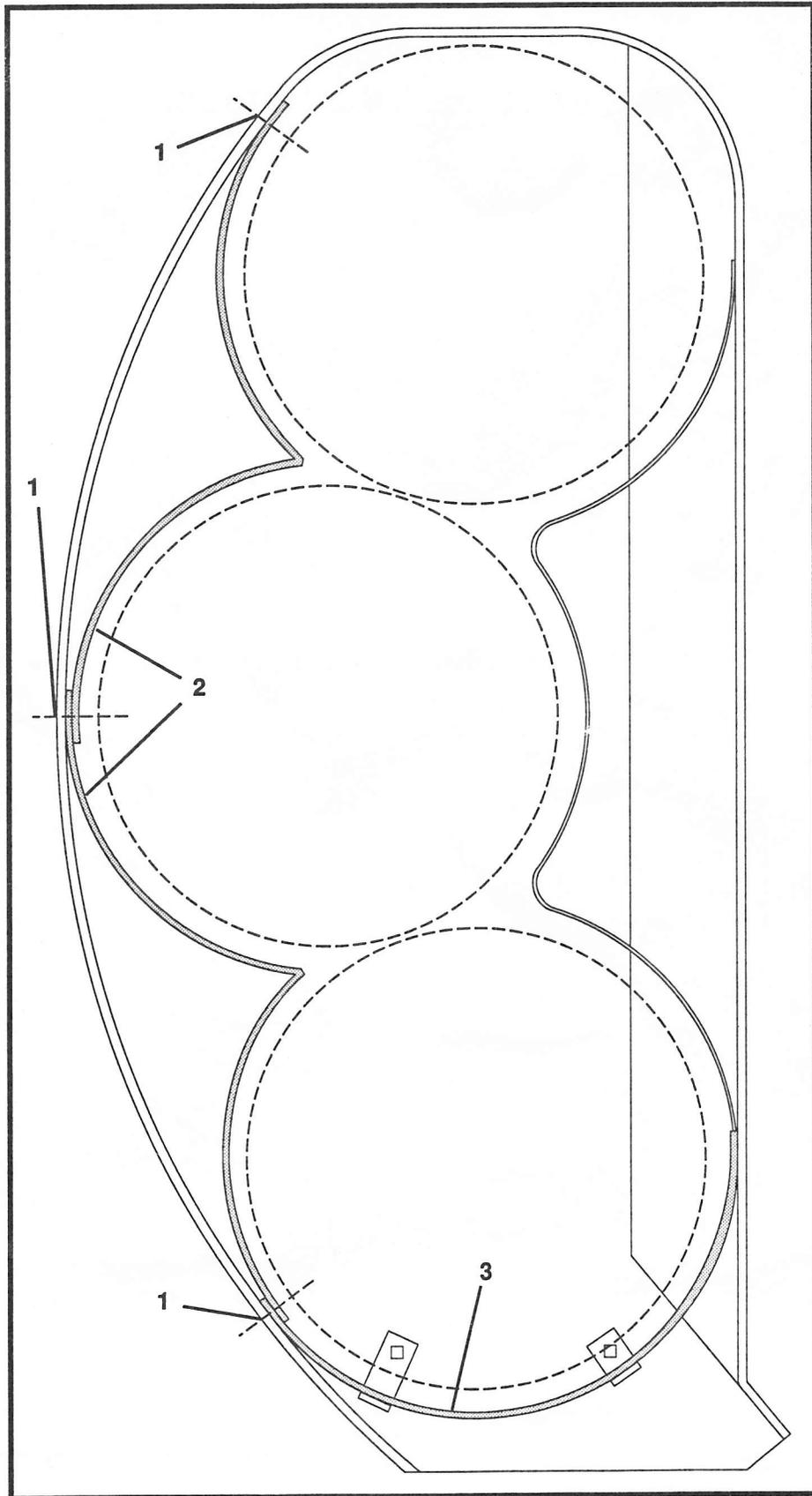
6. Using the baffles as templates, mark the location of the slots on the front of the deck. Remove the baffles and drill three .344 diameter holes in the front of the deck.
7. Fasten the weldment and baffles to the deck with the three 5/16-18x.625 round head square neck bolts and lock nuts. See the illustration in Section 2.

NOTE: If the mulching baffles do not lay flat on the deck when the bolts are tightened, remove the baffles and put a slight twist in the ends so that they will lay flat when the bolts are tightened.

8. Remove the lock nuts, flat washers, blades and blade cradle weldments from the spindle shafts.
9. Install the new blade cradle weldments and mulching blades as shown in the illustration in Section 2 and retain with the flat washers and lock nuts which were previously removed. Tighten the lock nuts to a torque of 120 ft.lbs. (163 N.m).
10. Fasten the mower to the mower frame, install the drive belt and put the belt cover back on the mower frame.

NOTE: To improve the performance of the mulching kit, the following is recommended.

- A. Never remove more than 1/3 of the leaf surface area at any one time.
- B. Keep mower blades sharp at all times.
- C. Mow at recommended cutting heights for the type of grass, area of country, and season.
- D. Apply fertilizer to allow lawn to grow at a reasonable rate and still have good color.
- E. Mulching mowers require more horsepower than conventional mowers.

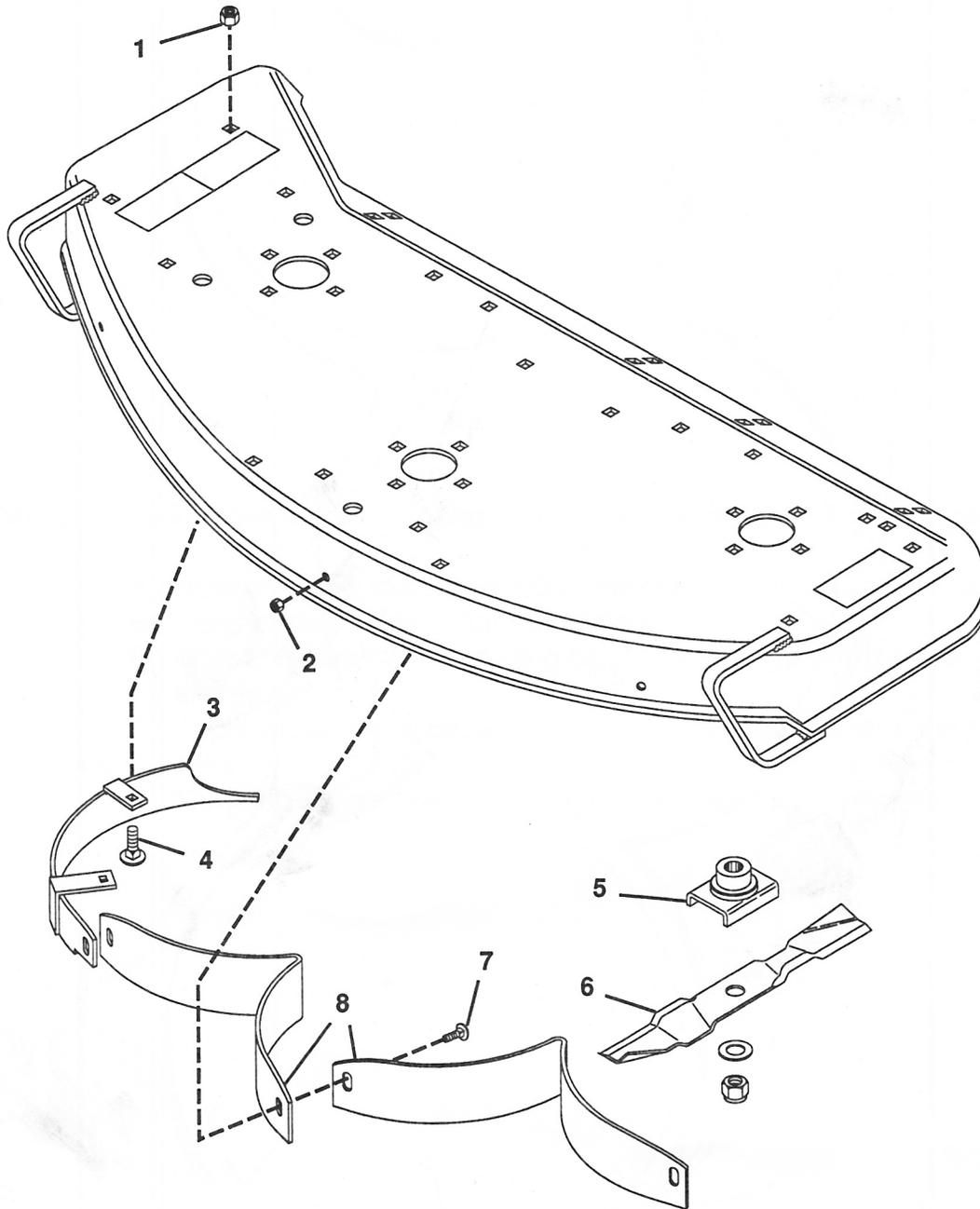


- 1 - Hole Location
- 2 - Mulching Baffle
- 3 - Chute Baffle Weldment

FIGURE 1

SECTION 2

ILLUSTRATED PARTS AND PARTS LIST



ITEM NO.	PART NO.	QTY.	DESCRIPTION	ITEM NO.	PART NO.	QTY.	DESCRIPTION
1	456004	2	Nut, Lock 3/8-16	5	47684	3	Weldment, Blade Cradle
2	419455	3	Nut, Lock 5/16-18	6	52928	3	Blade, Mulching 50" Mower
3	52983	1	Weldment, Chute Baffle	7	126211	3	Bolt, 5/16-18x.625 Rd Hd Sq Nk
4	126227	2	Bolt, Carriage 3/8-16x.75	8	52987	2	Baffle, Mulching

