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Date: March 4, 2005
To: All Hustler Turf Service Managers
From: Homer Gattis, 620-327-1143
Subject: Hustler Z/Super Z New
Decks and Options

Service Bulletin

Hustler Turf Equipment has changed the Hustler Z and Super Z 52", 60" and 72" side discharge decks. The changes are listed below:

1. The discharge opening has been enlarged to allow for better grass discharge.
2. The discharge chute has been changed to accommodate the larger chute opening and to make it less prone to bending.
3. The blades have changed from offset blades to flat blades. The spindle shafts have been lengthened to properly position the new flat blade in the deck shell.
4. The following chart shows the blades that are available for the new decks.

52" deck	side discharge	795526	Blade (the unit ships with this blade) fusion, hi-lift sail, flat, clockwise rotating
	side discharge	783753	Blade (optional) low-lift sail, flat, clockwise rotating
	mulch	794198	Blade (optional) mulch, flat, clockwise rotating
	Gator	785436	Blade (optional) Gator, flat, clockwise rotating
60" deck	side discharge	795252	Blade (the unit ships with this blade) fusion, hi-lift sail, flat, clockwise rotating
	mulch	793380	Blade (optional) mulch, flat, clockwise rotating
	Gator	794859	Blade (optional) Gator, flat, clockwise rotating
72" deck	side discharge	795260	Blade (the unit ships with this blade) fusion, hi-lift sail, flat, clockwise rotating
	mulch	793398	Blade (optional) mulch, flat, clockwise rotating
	Gator	794867	Blade (optional) Gator, flat, clockwise rotating

5. The factory installed blades have a hardened cutting edge referred to as a fusion blade. Also, the cutting edge has been lengthened to cut the grass finer.
6. The rear center gussets under the deck have holes provided to accommodate scalp wheels if desired.

Units Affected: Any Hustler Z or Super Z units with **52" decks beginning with serial number 05020101**
Any Hustler Z or Super Z units with **60" decks beginning with serial number 05011098**
Any Hustler Z or Super Z units with **72" decks beginning with serial number 05020206**

If a customer has concerns about quality of cut when using an older deck, try the following suggestions to improve quality of cut.

1. Blades sharp, straight and balanced
2. Blade tips even with the next blade
3. Underneath side of deck is clean and unrestricted
4. Proper tire pressure in all tires
5. Operator using the mower at full throttle.

6. Deck is level from side to side and the blade tips are 1/4" higher in the back
7. Engine RPM's are set correctly
8. Deck drive belt tension is set correctly
9. Check to make sure electric clutch is not slipping
10. Slower ground speed, in certain situations, will allow for a better quality of cut. It depends upon the type of grass being mowed and how much is being cut off.
11. Switch to the new flat blades. If this step is tried it will be necessary to order a blade spacer kit to properly position the blades in the deck shell. Order the following part numbers:

52" decks	795526	Blades	3	
60" decks	795252	Blades	3	
72" decks	795260	Blades	3	
All decks	352542	Blade spacer kit	1	(Each kit will do one complete deck.)
12. Enlarge the discharge opening. This will allow more grass to be discharged, this may be required when operating in very heavy wet grass. Follow the steps outlined later in this bulletin.

NOTE: It will be necessary to order and install a new discharge chute (part number 349324) as the existing chute will not meet safety standards for the foot probe test.

New mulch kits are available for the new decks. These mulch kits will fit the new decks with the wider discharge openings and older decks that have had the discharge opening enlarged only if the attached directions are followed.

52" decks	352435	Mulch kit	1	MSRP \$140.00
60" decks	352427	Mulch kit	1	MSRP \$150.00
72" decks	352419	Mulch kit	1	MSRP \$155.00

If you have an older deck with a mulch kit and you wish to modify the discharge opening you will need to order the following adapter plate before the existing mulch kit will work.

52" decks	352336	Adapter plate	1	MSRP \$10.40
60" decks	101071	Adapter plate	1	MSRP \$10.40
72" decks	101089	Adapter plate	1	MSRP \$10.40

You will also need to order the above adapter plates if a Bac-Vac blower has been installed on an older deck with the discharge opening enlarged. New Bac-Vac's will have the adapter plate included with them.

If you have any questions contact Lontie Jantz at (620) 327-1151, Kevin Sauerwein at (620) 327-1318, or Larry Buller at (620) 327-1309.

Enlarging the deck discharge opening

1. Locate and drill the two .406 dia. holes per Fig. 1, 2, & 3. **NOTE:** The vertical dimension is located from the top side of the deck plate and not the underneath side.
2. Locate and scribe the cut line per Fig. 4, 5, & 6.
3. There must be at least 1" of weld along the top of the deck plate per Fig. 7. If there is not, it will be necessary to weld this area before enlarging the deck discharge opening.
4. Cut along the scribe line and remove the excess material to enlarge the discharge opening.
5. Smooth the cut area's edges and paint with Hustler yellow paint.

Fig. 1
Hole locations
52" Deck

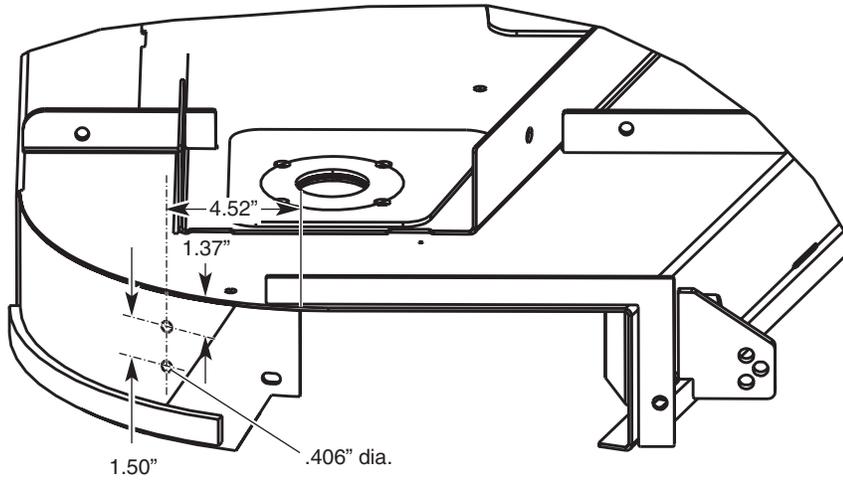


Fig. 2
Hole locations
60" Deck

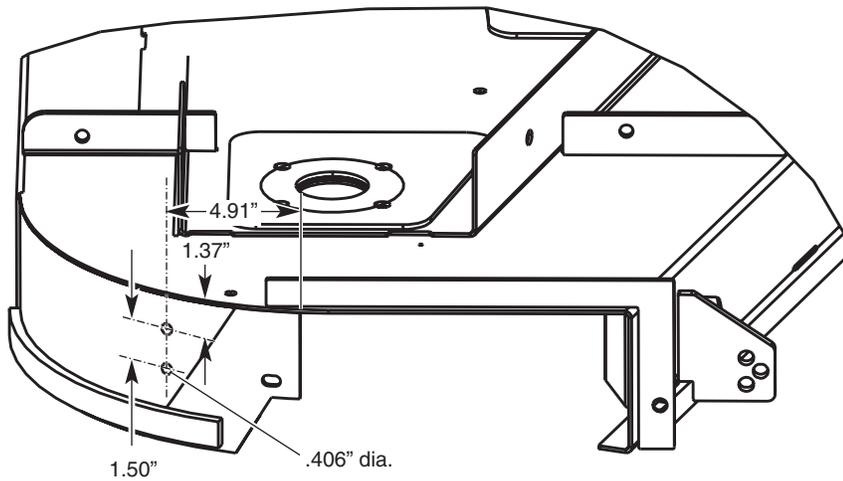


Fig. 3
Hole locations
72" Deck

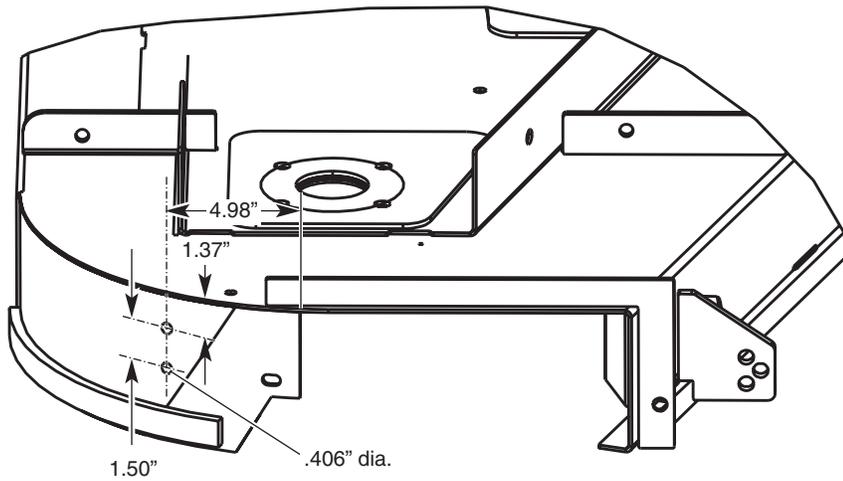


Fig. 4
52" Deck
Discharge chute opening

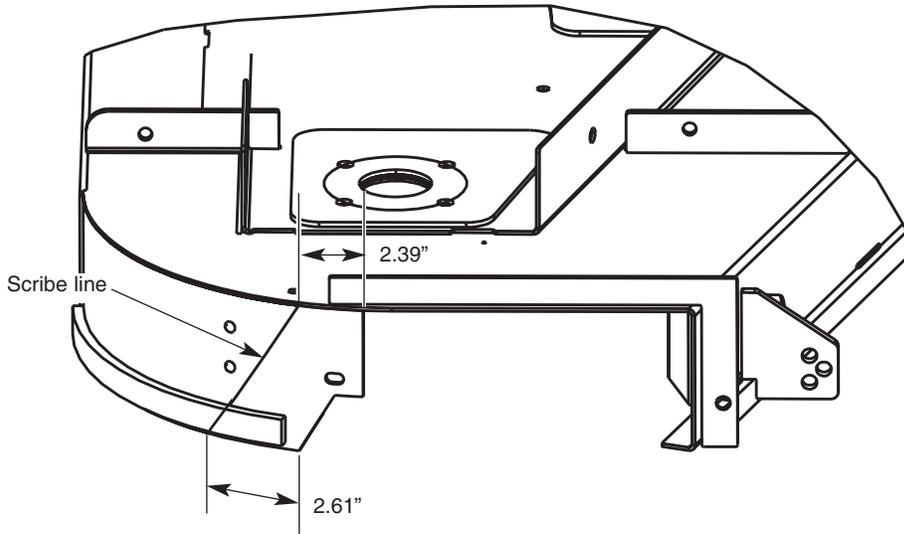


Fig. 5
60" Deck
Discharge chute opening

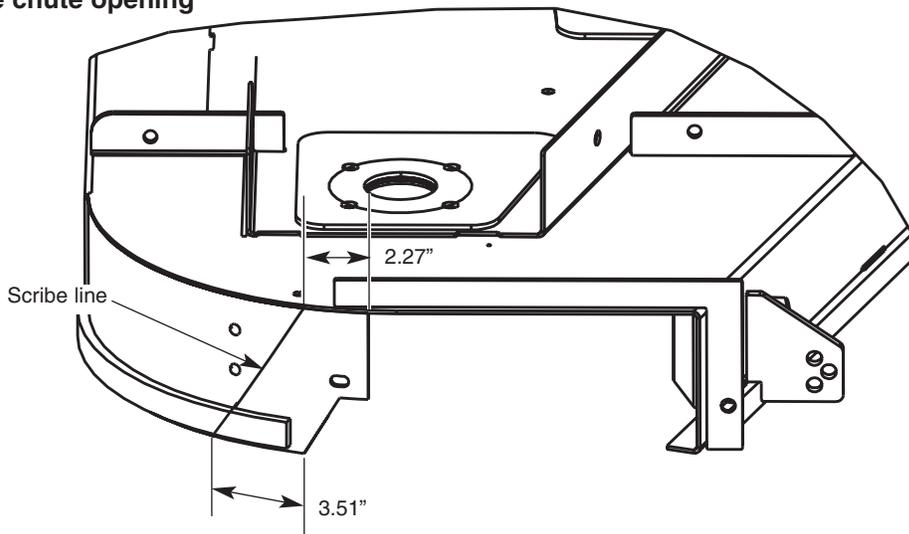


Fig. 6
72" Deck
Discharge chute opening

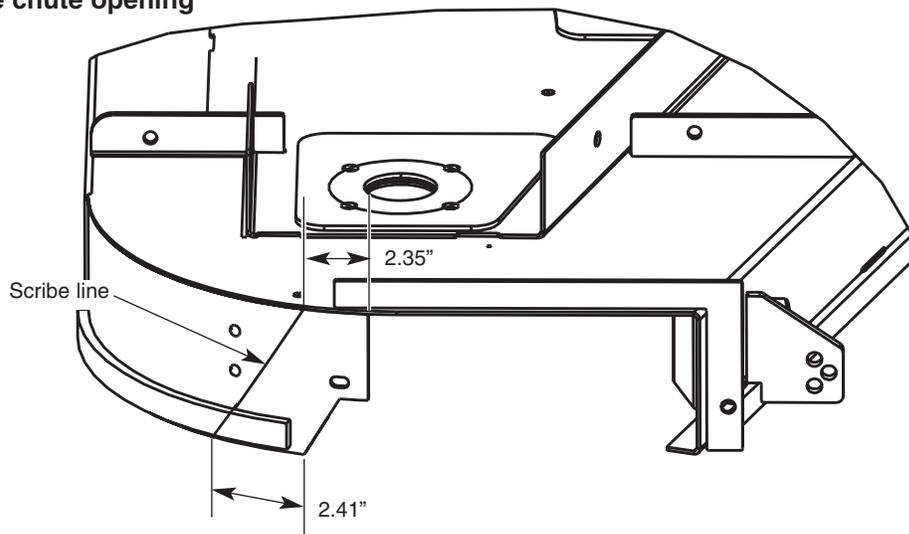
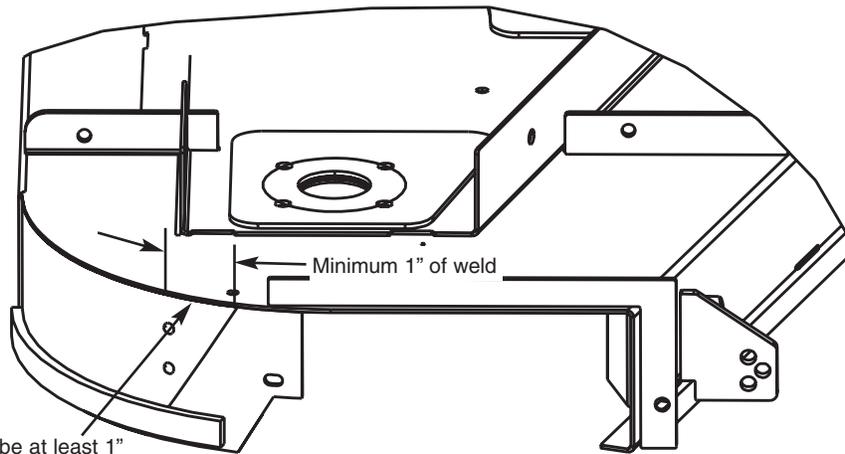


Fig. 7



There must be at least 1" of weld on the underneath side of the deck after the deck wall is cut off.

NOTE: Weld the deck, if necessary, before cutting off the deck wall.