



## Customer Service Bulletin Commercial Business Group

### Groundsmaster® Mulching Kit

Date: May 16, 2003

**Model/Serial Range:**    **Model Numbers:**    **Serial Numbers:**

30828                      220000101 - 230000815

30824                      210000101 – 230000135

Note: Used on Groundsmaster 3500-D, 4500-D and 4700-D

**Subject: Do not use the High Lift blade (105-4089) with mulching baffles.**

Mulching Baffle Kit (30828 or 30824) works by limiting the discharge of the deck. When discharge is limited, the quantity of grass held within the path of the blade is significantly increased. This may cause the High Lift Parallel Sail Blade to bend excessively. In this condition, the High Lift Parallel Sail Blade can become damaged and in rare instances may allow the blade to break.

**Warning: Failure to comply with this bulletin may result in personal injury.**

Do not use the High Lift Parallel Sail Blade with Mulching baffles. If you are aware of a situation where High Lift Parallel Sail Blades are being, or have been, used in conjunction with Mulching Baffles, instruct the operator, owner, and/or technician to discontinue use until the baffles have been removed or the standard Blades (105-9810-03) have been installed. Refer to the matrix below for further “application-to-blade” recommendations.

**Important Note: Any High Lift Parallel Sail Blades (105-4089) that were ever run on decks with mulching baffles should be removed and destroyed, even if the baffles are no longer installed.**

	Optional Equipment Configuration				
		Standard Angle Sail Blade	High Lift Parallel Sail Blade (DO NOT USE WITH MULCHING BAFFLE)	Mulching Baffle	Roller Scraper
Application	Grass Cutting: .75 to 1.75 Inch Height of Cut	Recommended in most applications	May work well in light or sparse turf	Has been shown to improve dispersion and after-cut appearance on northern grasses that are cut at least three times per week and less than 1/3 of the grass blade is removed.  <b>DO NOT USE WITH THE HIGH LIFT PARALLEL SAIL BLADE</b>	Can be used any time that rollers build up with grass or large flat clumps of grass are seen. The scrapers may actually increase clumping in certain applications.
	Grass Cutting: 2.00 to 2.50 Inch Height of Cut	Recommended for thick or lush turf	Recommended for light or sparse turf		
	Grass Cutting: 2.75 to 4.00 Inch Height of Cut	May work well in lush turf	Recommended in most applications		
	Leaf Mulching	Recommended for use with the mulching baffle.	<b>NOT ALLOWED</b>	Use with standard angle sail blade only.	
Pros		Even discharge at lower HOC  Cleaner look around bunkers and fairways  Lower power requirements	More lift and higher discharge velocity  Sparse or limp turf is picked up at high HOC  Wet or sticky clippings are discharged efficiently	May improve dispersion and appearance in certain grass cutting applications  Very good for leaf mulching	Reduces roller buildup in certain applications
Cons		Does not lift the grass well in high HOC applications  Wet or sticky grass has a tendency to build up in the chamber, leading to poor quality of cut and higher power requirement	Requires more power to run in some applications  Tends to windrow at lower HOC in lush grass  <b>DO NOT USE WITH MULCHING BAFFLE</b>	Grass will build up in the chamber if attempting to remove too much grass with the baffle in place	Can cause clumping in some applications.  Even if improvement is shown, clumping will not be completely eliminated.