

NEW HOLLAND

2353

REPAIR MANUAL

NEW HOLLAND

SERVICE

87385437 2/07
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MidWestTech | New Holland 2353 Disc Header Service Manual | Publication 87385437

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SECTION 00 - GENERAL INFORMATION

Chapter 1 - General Information

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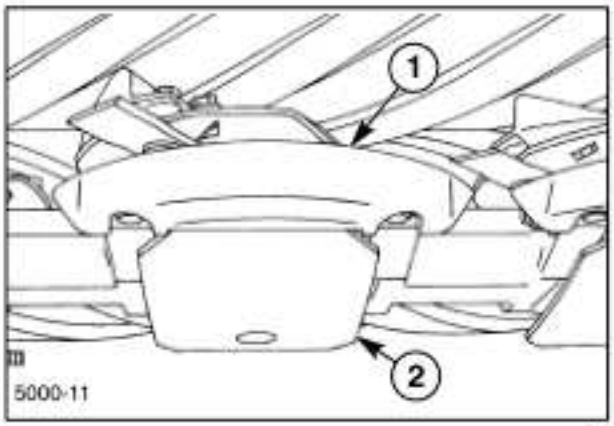
TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	CORRECTION
Leaves damaged or stripped off stems.	Too much pressure on the rolls.	Reduce the pressure until the leaves are not damaged.
Ragged or long stubble left.	Ground speed too fast.	Reduce ground speed.
	Dull, bent or broken knives.	Turn over or replace the knives.
	Knives installed wrong on discs.	Install knives correctly on discs.
	Header speed too slow.	Increase header speed.
	Cutting too high.	Remove high stubble kit, if installed. Increase header tilt.
	Header flotation too light.	Increase the header flotation to keep the header in better ground contact.
Excessive knife breakage.	Cutting too low in stony conditions.	Raise the cutting height with header tilt. Install high stubble kit.
	Header flotation too heavy for stony fields.	Adjust the flotation springs or hydraulic flotation to float the header with 45.4 kg (100 lbs) force per side.
	Ground speed too high in stony conditions.	Reduce ground speed.
Cutting not short enough in down material.	Ground speed too fast.	Reduce ground speed.
	Broken, bent or dull knives.	Replace knives or turn knives over.
	Cutting height too high.	Lower the cutting height by tilting the header.
	Header speed too slow.	Increase header speed.
Strip of run-down uncut material.	Ground speed too fast.	Reduce ground speed.
	Crowding of uncut material.	Do not crowd uncut material.
	Missing or dull knives.	Replace or turn over knives.
	Material buildup on cutter bar.	Clean off cutter bar. Tilt cutter bar back toward horizontal to reduce material buildup.

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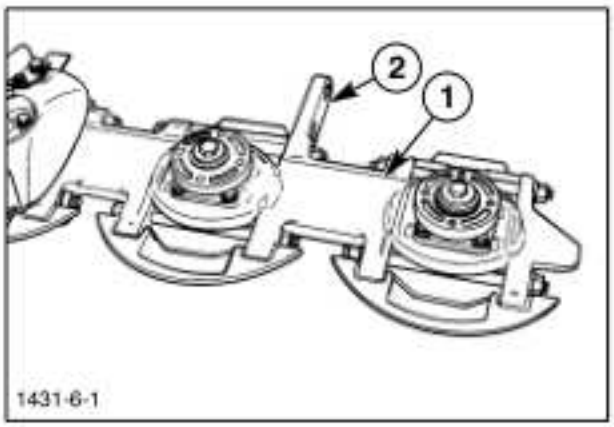
Each disc module is protected by a ductile iron rock guard, 1, and a skid shoe, 2.

Skid shoes are 6.4 mm (1/4 in) thick and 203 mm (8 in) wide; they extend behind the module several inches for optimum flotation and extended wear life of the shoe.



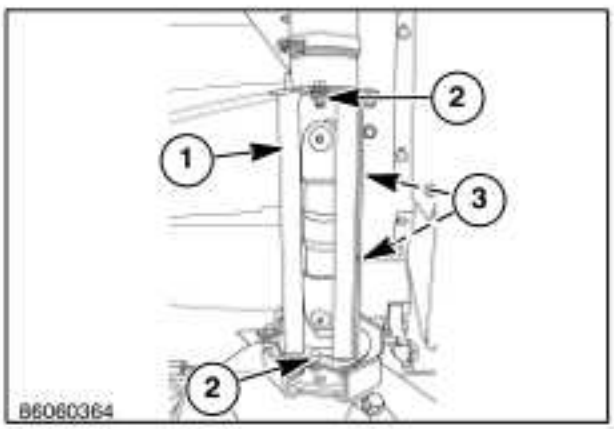
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The 2353 uses a longer drive shaft between the two end discs on each end of the cutter bar, which also co-rotate, and use a special spacer, 1, which is longer to accommodate the longer drive shaft. These longer spacers contain the bayonet arms, 2, for mounting the cutter bar to the header.



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The 2353 disc mower-conditioners uses a smaller diameter drum, 1, around each drive shaft. The two halves of the drive are bolted together at 2, and to the drive shaft at 3. The drum can be removed from the drive shaft without removing the shaft from the drive module.



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