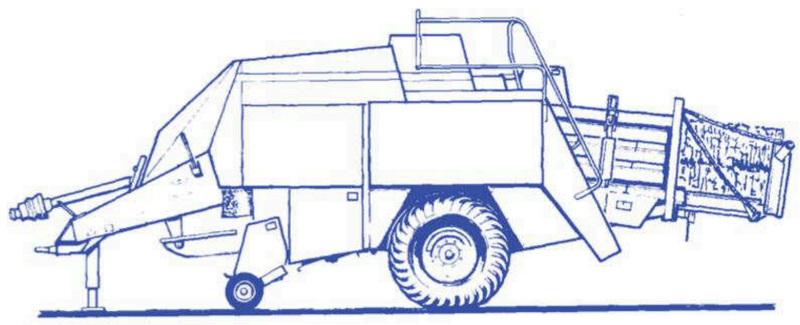
NEW HOLLAND

590
590 BaleSlice™
595

(Replaces All Previous Issues)

OPERATOR'S MANUAL



86576992 9/98

NEW HOLLAND

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To check proceed as follows:

1. Feed the grease points that require daily lubrication. Refer to Section 3 - LUBRICATION.
2. Visually inspect each grease point to ensure that it receives grease or oil.
3. Check the chain tensions. Refer to Section 5 - ADJUSTMENTS AND MAINTENANCE.
4. Check for loose hardware and tighten any loose bolts. Pay particular attention to the wheel bolts and the gearbox mounting bolts.
5. Check all critical components for abnormal wear.
6. Check tire pressure.
7. Check the needle protection linkage for proper adjustment.
8. Check tractor hook-up, as well as hydraulic and electrical connections. Check all controls for proper operation.
9. Check that the road lights function correctly.
10. Have a few flywheel and stuffer shearbolts ready.
11. Make sure to store enough twine in the twine boxes for a full working day operation.
12. Check the twine routing.
13. Ensure that twine is not tangled in the twine box, or catching on a protruding part or bolt.
14. Check both upper and lower twine tension.
15. Prior to start baling, ensure that the Bale Command™ is turned on.

CAUTION:

Be "safety minded" and conscious of the dangers inherent to agricultural machinery! Make sure that you and those working with you are aware of the importance of safe thinking and behavior.

DAILY CHECKS - BALESLICE™ MODELS

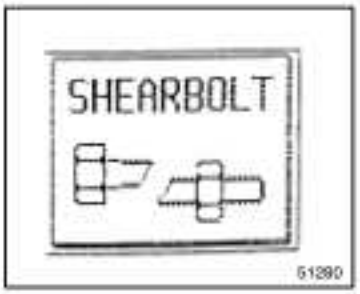
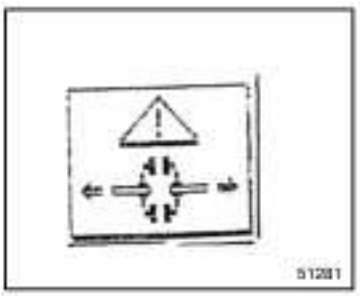
The performance and functioning of the cutting system will depend on the following:

- Never leave the machine without cleaning the cutting system, the charge chamber and the mechanism that activates the knives.
- When cleaning the BaleSlice™ system, preferably use an air compressor. Pressurized water may be used, but in this case the cleaned area must be dried with an air compressor.
- Ensure all knives are in good condition and are moving freely.
- Sharpen the knives, it necessary.
- Check for any interference between the knives and the twin packer fingers or rotor blades. Straighten or repair any damaged parts.
- Make sure all locking devices of the BaleSlice™ system are engaged.

CAUTION:

Stop the tractor and the baler, and engage the baler flywheel brake before working on the cutting system.

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CONCERN	PROBABLE CAUSE	CORRECTION
(cont'd)  7	Trash or crop residues accumulating on inductive sensor.	Clean this area.
	Stuffer switch seized or damaged.	Repair or replace stuffer switch.
	Stuffer switch inoperative.	Check the connections and clean the connectors.
 8		
The electronic bale count does not operate.	Needle switch damaged or seized.	Repair or replace needle switch.
	Needle switch inoperative.	Check the connections and clean the connectors.

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TECHNICAL DATA

	MODEL 590	MODEL 590 BALESLICE™
Weight		
Baler empty (no chute)	5874 kg (12,950 lbs.)	6490 kg (14,308 lbs.)
With plate chute	5942 kg (13,100 lbs.)	6558 kg (14, 450 lbs.)
With roller chute	6044 kg (13,325 lbs.)	6660 kg (14, 683 lbs.)
With twine boxes loaded		6720 kg (14,815 lbs.)
At hook-up ring	960 kg (2116 lbs.)	1100 kg (2425 lbs.)
Tires	21.5L-16.1SL - 14 ply rating Tire pressure: 2.5 bar (36 PSI)	21.5L-16.1SL - 14 ply rating Tire pressure: 2.5 bar (36 PSI)
Pick-up		
Width at deflectors	1968 mm (77")	1968 mm (77")
Width at external tines	1782 mm (70")	1782 mm (70")
Diameter	270 mm (10-1/2")	270 mm (10-1/2")
Number of tines	56 double	56 double
Tine spacing	66 mm (2-1/2")	66 mm (2-1/2")
Number of bars	4	4
Drive	Chain	Chain
Protection	Slip and overrunning clutch (not adjustable) Preset at 1000 N·m (737 ft. lbs.)	Slip and overrunning clutch (not adjustable) Preset at 1000 N·m (737 ft. lbs.)
Gauge wheels	400-6 - 6 PR Tire pressure: 3 bar (43 PSI)	400-6 - 6 PR Tire pressure: 3 bar (43 PSI)
Pick-up lift	Hydraulic	Hydraulic
Pick-up flotation	Adjustable spring	Adjustable spring
Pick-up reel speed	148 RPM	148 RPM
Feeder		
Crop transfer	2 stub augers, chain driven	2 stub augers, chain driven
Rotation speed	233 RPM	233 RPM
Packer	2 double fingers	3 forks, 6 double tines
Drive	Chain	Chain
Packer rotation speed	168 RPM	168 RPM
Protection	Slip clutch preset at 2100 N·m (1549 ft. lbs)	Slip clutch preset at 4000 N·m (2950 ft. lbs)

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