NEW HOLLAND

565,
570,
575,
580
Square Balers

REPAIR MANUAL

NEW HOLLAND
AGRICULTURE

SERVICE

86641879

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565, 570, 575, AND 580 SQUARE BALERS REPAIR MANUAL COMPLETE CONTENTS

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The following pages are the collation of the contents pages from each section and chapter of the 565, 570, 575, and 580 Repair manual.

The sections used through out all New Holland product Repair manuals may not be used for each product. Each Repair manual will be made up of one or several books. Each book will be labeled as to which sections are in the overall Repair manual and which sections are in each book.

The sections listed above are the sections utilized for the 565, 570, 575, and 580 Square Balers.

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87012157 2/02

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SECTION 00 - GENERAL INFORMATION

BOOK 1 - 87012155

Chapter 1 - General Information

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SECTION 31 - IMPLEMENT DRIVELINE

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Chapter 1 - PTO Driveline

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Determine the Clutch Setting

To determine the setting of the clutch, multiply the spring reading by the distance from the center of the shaft.

D x P = S

D = Distance (in inches) from the center of the shaft to the spring.

P = Pull (in pounds) on the spring scale.

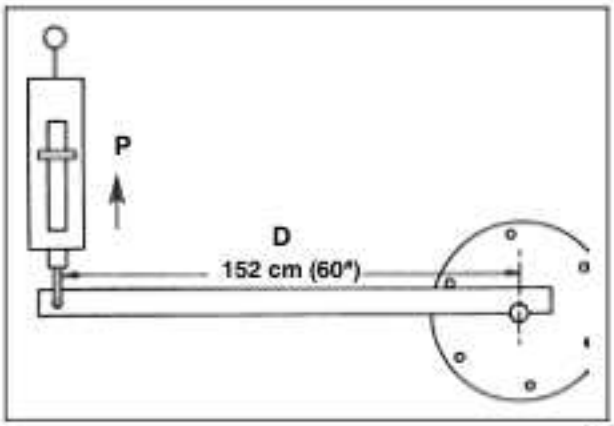
S = Setting of the clutch in inch pounds.

Example: With the spring scale attached to the tool 60" (D) from the center of the PTO shaft, a pull (P) of 100 lbs would indicate the clutch is set at 6000 in. lbs (S). 60" x 100 lbs = 6000 in. lbs.

The clutch settings should be as follows:

Model 565, std PTO:	441 N·m (3900 in. lbs)
Model 565, HD PTO:	678 N·m (6000 in. lbs)
Model 570:	814 N·m (7200 in. lbs)
Models 575 and 580:	1015 N·m (9000 in. lbs)

If the setting is not correct, adjust the clutch before operating the baler. Refer to the "Slip Clutch Adjustment" section.



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SLIP CLUTCH ADJUSTMENT

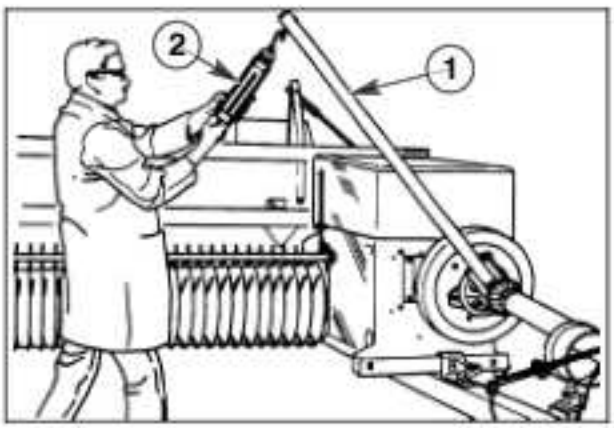
Adjust the slip clutch as follows:

NOTE: *If a slip clutch has been rebuilt, burnish it before checking the setting.*

Check the setting of the clutch as described in that section.

The clutch settings should be as follows:

Model 565, std PTO:	441 N·m (3900 in. lbs)
Model 565, HD PTO:	678 N·m (6000 in. lbs)
Model 570:	814 N·m (7200 in. lbs)
Models 575 and 580:	1015 N·m (9000 in. lbs)



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PROBLEM	POSSIBLE CAUSE	CORRECTION
Knots hanging on billhook.	Knife arm scraper not adjuster properly.	Reshape knife arm so scraper rubs bottom of billhook.
	Knife arm travel too short.	Adjust knife arm to clear end of billhook by 10 - 13 mm (3/8 - 1/2").
	Knife arm roller worn or missing.	Replace roller.
	Dull knife.	Sharpen or replace knife.
	Tension on twine holder sprint low.	Tighten twine holder spring bolt 1/4 turn at a time.
	Twine disc timing retarded.	Adjust twine disc timing.
	Wear, nicks or roughness on billhook or billhook tongue.	Replace billhook tongue or billhook.
	Groove in billhook tongue.	Replace.
	Twine fingers retarded.	Adjust the twine fingers and check needle adjustment.
	Twine finger cam worn.	Replace cam.
	Too much tension on billhook cam.	Loosen the spring nut 1/4 turn at a time.
	Billhook cam binding on adjusting bolt.	Smooth edges in cam hole.
	Groove worn in cam gear lobe for the knife arm.	Replace the cam gear.
	Roller end of knife arm damaged.	Replace knife arm.

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