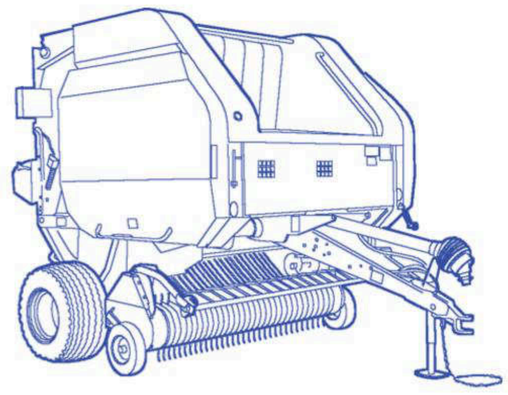
NEW HOLLAND

BR740
BR750
BR770
BR780

OPERATOR'S MANUAL



87050919 7/04

NEW HOLLAND

MidWestTech | New Holland BR740, BR750, BR770, BR780 Round Baler Operator's Manual | Publication 87050919

Order the manual at mid-west-tech.com >

CONTENTS

SAFETY 0-5

GENERAL INFORMATION 1-1

OPERATION 2-1

FIELD OPERATION 3-1

LUBRICATION 4-1

MAINTENANCE 5-1

TROUBLESHOOTING 6-1

OPTIONAL EQUIPMENT 7-1

SPECIFICATIONS 8-1

INDEX 8-11

YOUR BALER 8-13

DELIVERY REPORT 8-15

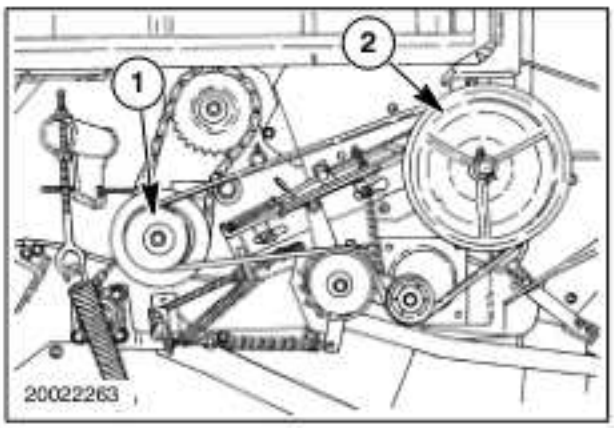
MidWestTech | New Holland BR740, BR750, BR770, BR780 Round Baler Operator's Manua... Order the manual at mid-west-tech.com >

Silage bales are much heavier than hay bales. If silage bales are to be made, the size should be further reduced to keep the bale weight below the maximum weight the balers were designed for. The bale size can be increased after weighing some bales. The maximum bale weight is:

BR740	544 kg (1200 lbs.)
BR740 Silage	816 kg (1800 lbs.)
BR750	862 kg (1900 lbs.)
BR750 Silage	910 kg (2000 lbs.)
BR770	794 kg (1750 lbs.)
BR780	998 kg (2200 lbs.)

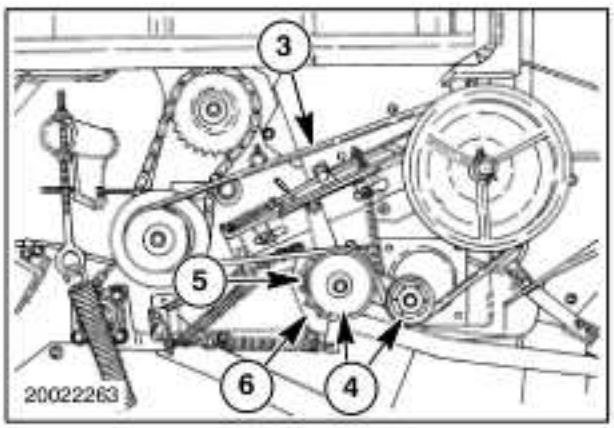
Number of twine wraps

There is a choice of four different number of wraps that can be applied to the bale. The number of wraps is determined by the combination of sheave sizes selected at 1 and 2. The number of wraps will increase as the bale diameter is decreased.



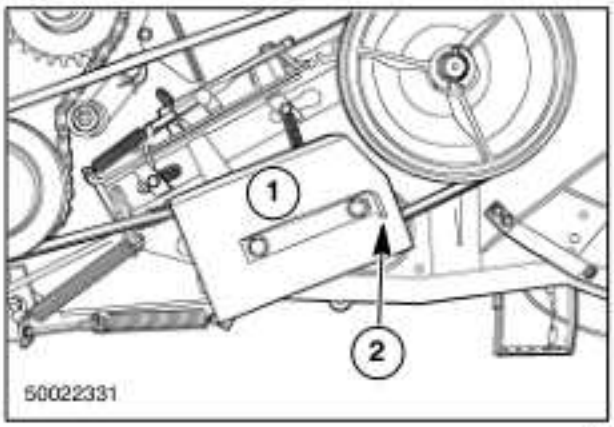
80

The number of wraps on the bale can be changed by positioning the belt, 3, on one of the four sheave combinations. To change the sheave combination, slip the belt off the idlers, 4. Shift the belt to the desired sheaves. Reinstall the belt on the idlers. If the belt is too loose or too tight, remove the hairpin cotter, at 5, and reposition the plate, 6.



81

Balers with a standard width pickup or a 1.5 m pickup have a shield, 1, over the Auto Wrap belt idlers. Lift the handle at 2 to remove the belt tension and shift the belt to another groove.



82

MidWestTech | New Holland BR740, BR750, BR770, BR780 Round Baler Operator's Manua... Order the manual at mid-west-tech.com >

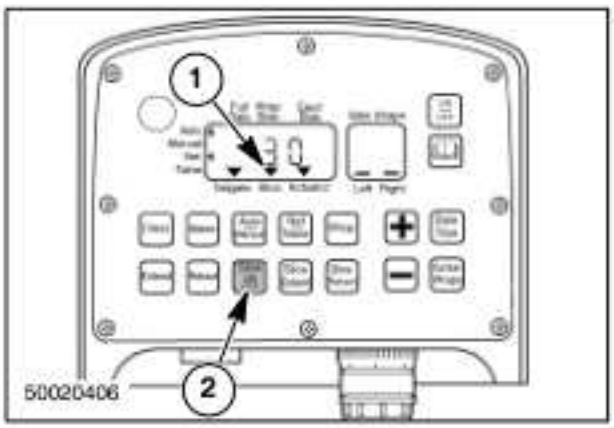
OPTIONS OPERATION

BALE SLICE - OPERATION

The bale slice is only available with the Bale Command Plus. It can be used to slice the bale when it is going to be wrapped with twine or net. Slicing the bale as it is being formed allows the bale to be broken apart easier for feeding or processing.

Bale slice automatic operation

The triangle indicator, 1, will be turned on when the Bale Slice is turned on. It will be steady if the knife actuator is in the home position. It will be flashing if the knife actuator is not in the home position. Turn the Bale Slice on using the SLICE ON/OFF key, 2. The Bale Command Plus system must be in the automatic mode for the Bale Slice to operate automatically.



12

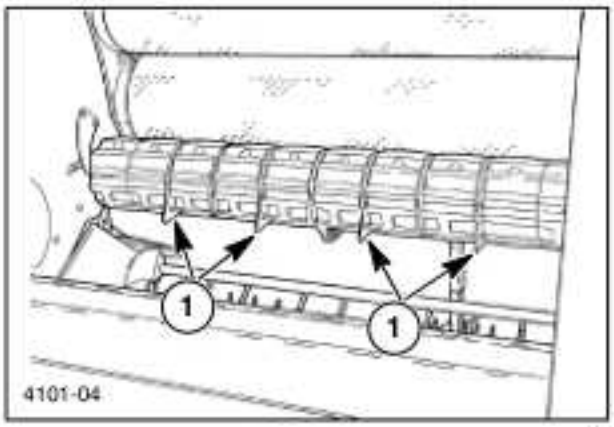
NOTE: *If the Bale Slice is turned off and the actuator is not in the home position, the alarm will be activated and an Error message will be displayed along with a flashing SLICE indicator. If the actuator is not returned to the home position, the twine or net on the bale can be damaged by the knives.*

The Bale slice knives, 1, will be extended automatically by the controller when the bale reaches the preset size for knife insertion. The size of the bale at knife insertion can be changed. See the Bale Command Plus Operator's Manual.

The balers are shipped with the controller set to allow 50 mm (2") of uncut material at the outside of the bale.

When the bale reaches 4" (100 cm) less than the full bale size, the controller will retract the knives. This will allow approximately 2" (50 cm) of uncut material for the twine or net to be placed on. When the Bale Slice actuator reaches the home position and the bale reaches the full bale size, the automatic net or twine wrap cycle will be started.

The amount of the uncut material can be changed from 50 mm to 100 mm or 150 mm (2" to 4" or 6") when wrapping with twine or to 0, 100 mm or 150 mm (0", 4", or 6") when wrapping with net. Refer to the Bale Command Plus Operator's Manual.



13

MidWestTech | New Holland BR740, BR750, BR770, BR780 Round Baler Operator's Manua... Order the manual at mid-west-tech.com >

Introduction
Regular lubrication is the best insurance against delays and repairs. Proper lubrication will extend the life of the baler.

The intervals listed in the Lubrication Chart are guidelines to be used when operating in normal conditions. Adjust the intervals for adverse environmental and working conditions. The intervals should be shortened for sandy, dusty, extremely hot, operating conditions.

8 hours	or	200 bales	or	daily
50 hours	or	1000 bales	or	weekly
1000 hours	or	20,000 bales	or	yearly

GREASE FITTINGS

A new baler will require the paint to be cleaned off all the grease fittings. Make sure the baler has been greased before operating it the first time.

Use a grease gun containing a clean good grade of multipurpose grease on all fittings. The dealer carries a lithium base EP high temperature grease that is recommended. Wipe all the dirt from the fittings and grease gun nozzle. This will prevent contamination in the bearing areas. Wipe excess grease from the fittings after greasing.

The lubrication fittings are listed in counterclockwise order, starting at the hitch. Review all the lubrication points and the recommended hour levels.

Clean the round baler
The entire baler should be cleaned of all hay and chaff daily. Compressed air is the fastest and most effective way to remove the trash.

LUBRICATION SAFETY

⚠ WARNING ⚠

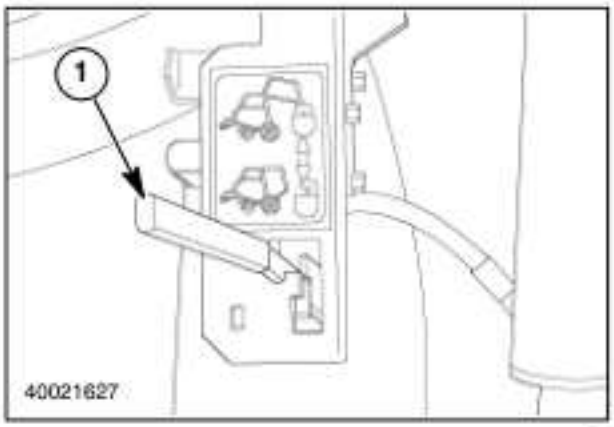
Make sure the PTO is disengaged, the tractor engine shut off and the electric power supply is turned off before lubricating the baler.

⚠ WARNING ⚠

Do not work under the raised tailgate unless the tailgate lock, 1, is engaged.

⚠ WARNING ⚠

Never oil the drive chains with the baler running.



1

MidWestTech | New Holland BR740, BR750, BR770, BR780 Round Baler Operator's Manua... Order the manual at mid-west-tech.com >