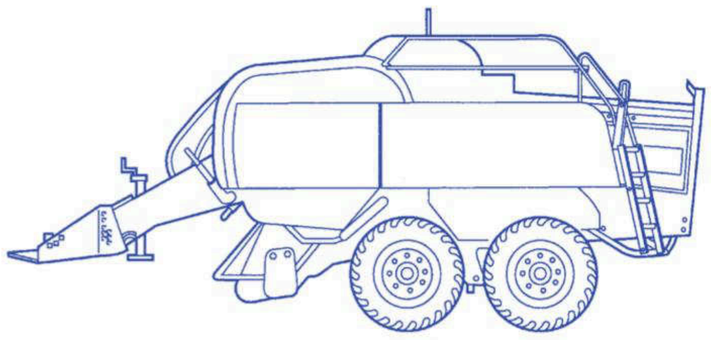
NEW HOLLAND

BB9050
BB9060
BB9070
BB9080

OPERATOR'S MANUAL



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MidWestTech | New Holland BB9050, BB9060, BB9070, BB9080 Square Baler Operator's Manual | Publication 87474948

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BRAKING SYSTEMS FAIL SAFE BRAKE CONTROL (FRANCE ONLY)

Attach the fail-safe brake control cable (1) to the tractor.

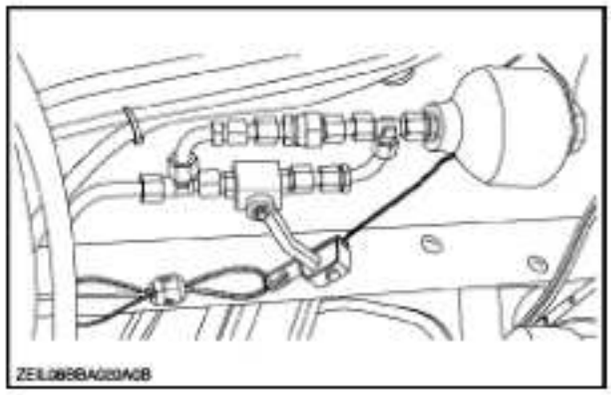
In case the baler breaks loose from the tractor while driving, the fail-safe braking system will automatically engage the baler brakes, and the baler will stop immediately.

IMPORTANT: *Make sure the length of the fail-safe control cable is shorter than the length of the brake hydraulic hose from the tractor to the baler and allow enough slack in the cable to make all possible turns without pulling on the cable.*

Ensure lock-out valve (2) is pointing down, as shown in Figure 29 and locked in that position by means of plastic cable strap (3).

IMPORTANT: *When attaching the baler for the first time after a long period of standstill, make sure to work the tractor brakes a couple of times before driving off, to charge the system.*

IMPORTANT: *Never drive on the road with cable strap (3) removed or damaged. If this is the case, replace plastic cable strap (3).*



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TRACTOR HYDRAULIC BRAKE CONNECTIONS (where fitted*)

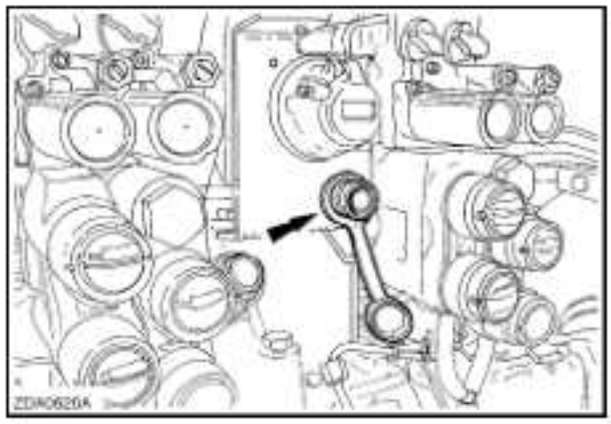
(*) According to the local Road Traffic Regulations.

If the baler is equipped with a hydraulic brake system, the tractor must have the corresponding supply line and connector.

Ensure your tractor has a standard single line hydraulic brake connection according to ISO 5676 (3/8in).

When connected to the tractor hydraulic brake system, the baler brakes operate in conjunction with the tractor brakes.

Install the hydraulic brake line of the baler to the tractor.



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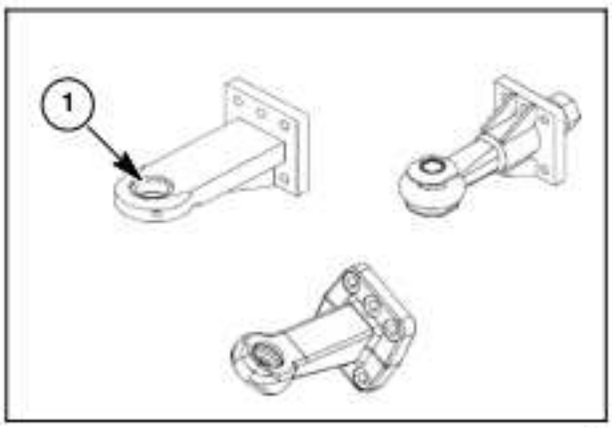
REMAINING CONVENTIONAL GREASE POINTS

Grease specification

Always use grease Multi purpose grease classified under NLGI Class 2.

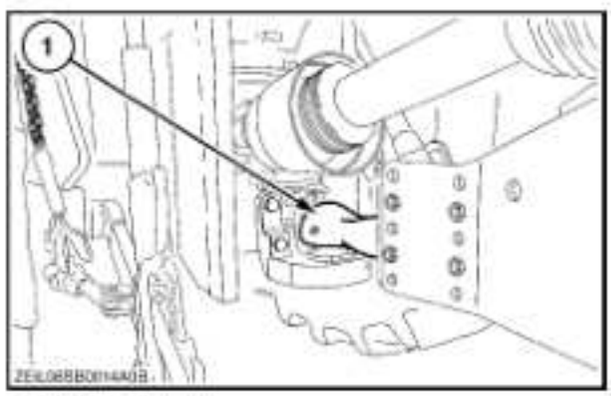
All points should be lubricated and then excess grease must be wiped off.

1. Ball ring hitch (rotate ball hitch to grease)



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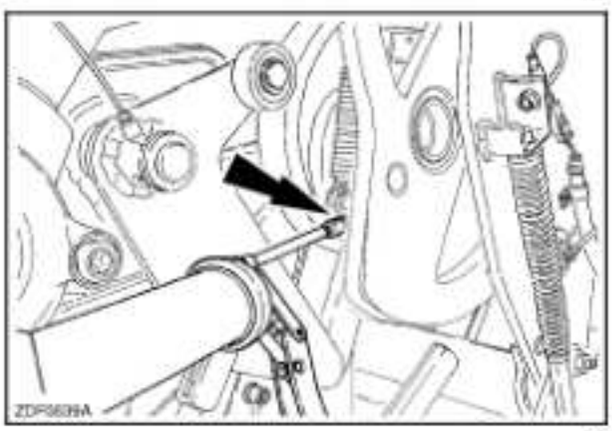
2. Ball hitch (optional): apply grease through the fitting and wipe off all excess grease.



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3. Stuffer clutch pawl

The grease fitting is accessible after opening the left-hand safety guard.



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6 KNOTTER BALERS	BB9070 Standard	BB9070 Rotor cutter	BB9080 Standard	BB9080 Rotor cutter
Twine capacity	2 x 15 = 30 balls			
Top twine Bottom twine	2 interconnected balls per knotter 3 interconnected balls per needle			
Extra storage boxes	2 lockable boxes (each able to contain 2 balls of twine or a standard toolbox)			
Twine type Heavy-duty plastic Knot strength (heavy-duty plastic) Heavy-duty sisal	 110- 150 m/kg 1560 N minimum (350 lbf. minimum) 70 m/kg			
MAIN DRIVE				
PTO speed	1000 rpm only			
PTO shaft	Low maintenance Power drive (40 hour greasing interval)			
Protection	Shearbolt M10 x 60 (10.9) Overrunning clutch and slip clutch Set at 1400 Nm (1033 ft.lbs) (adjustable)	Shearbolt M10 x 60 (10.9) Overrunning clutch and slip clutch Set at 1600 Nm (1180 ft.lbs) (adjustable)	Shearbolt M10 x 60 (10.9) Overrunning clutch and slip clutch Set at 1400 Nm (1033 ft.lbs) (adjustable)	Shearbolt M10 x 60 (10.9) Overrunning clutch and slip clutch Set at 1600 Nm (1180 ft.lbs) (adjustable)
Flywheel - Diameter Weight Mounting	800 mm (31 1/2 in) 270 kg (595 pounds) conical bearing set			
Flywheel brake	Direct-acting			
Gearbox, oil bath	Enclosed triple reduction gears Spiral bevel (1st set) Spur (2nd set) Spur (3rd set)			

BALER FUNCTIONS RECOGNISED BY MONITOR	Monitors are optional. The baler computer system is ISOBUS 11783 compatible! 60 A required
	• Actual PTO speed. • Bale count non-cut (Actual bale count of non-cut bales). • Bale count cut (Actual bale count of cut bales). • Total bale count. • Chamber pressure (Actual hydraulic pressure in the density cylinders). • Slices per bale (Actual quantity of slices per bale of the last formed bale). • Actual date and time. • Indicator bar. • Load indicator. • Capacity indicator. • Bale drop indication (on units with a roller bale chute only). • Knotting cycle indication. • Operational messages • Warning messages • Alarm messages • Auto diagnostic messages • Memory 10 slots. Customer/Job name possibility

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Knotter

This alarm message will appear in case the knotter drive PTO shearbolt fails.

STOP messages remain on the screen until after replacement of the shearbolt and the machine is restarted and running above (>600 rpm).

Refer to Section 4-38



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Feeder

This alarm message will appear when a feeder shearbolt fails.

The message remains on the screen until after replacement of the shearbolt and the machine is restarted and running above (>600 rpm).

Refer to Section 4-38

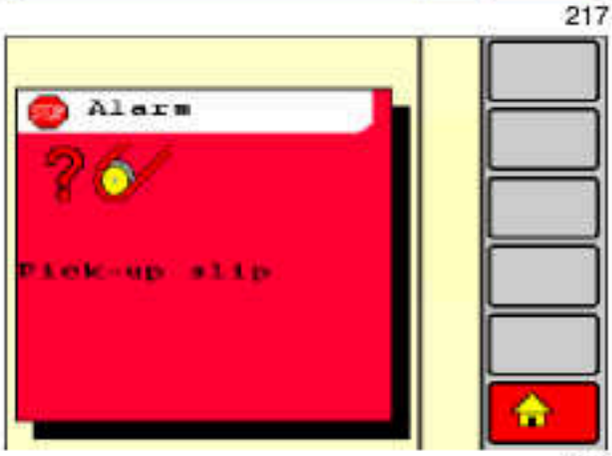


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Pick-up blocked

This alarm message will appear as soon as the pick-up speed drops too much below the normal operating speed.

The message remains on the screen until the problem is solved.



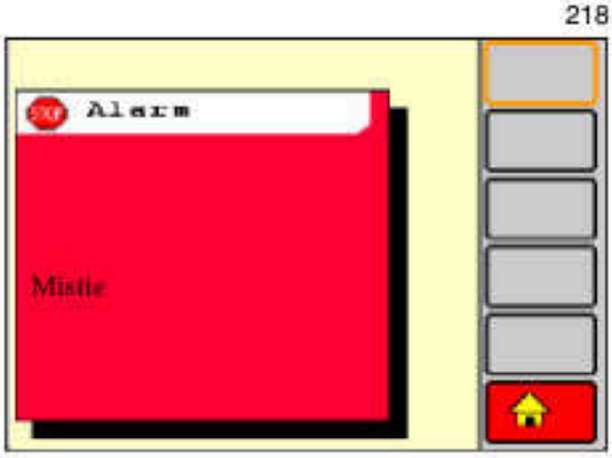
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Mistie

This alarm message will appear in case more than one knotter is not performing properly.

The message remains on the screen until thread movement is detected or the sensors are adjusted.

NOTE: *Refer to 4-59 knotter adjustments.*



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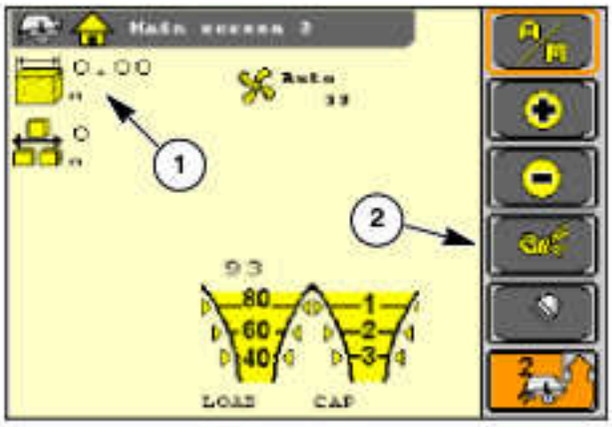
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BALE LENGTH ELECTRONIC TRIP (WHERE FITTED)

The bale length symbol can be seen on this Screen providing it has been previously installed.

NOTE: *The preset bale length is used in automatic control of bale length. Manual trip can be activated at any time by the user if the PTO is above 600 rpm.*

On completion of the bale to the preset electronic length the knotter cycle will start automatically.

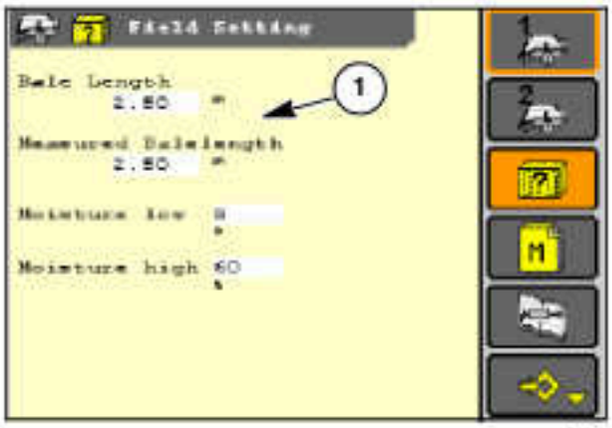


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Should you wish to reduce the size of the bale length this is achieved by selecting the knotter icon on the menu bar (2) shown prior.

A pop-up appears to Stop or Start the Knotter Cycle.

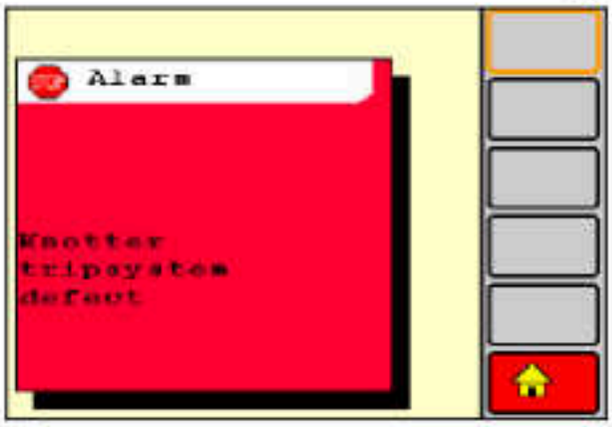
As required adjust the bale length to the desired level using the soft keys, or rotary encoder or touch screen.



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BALE LENGTH (in metres or imperial)
Minimum 0.5 m (1.6 ft)
Maximum 2.4 m (8.0 ft)

IMPORTANT: *For the electronic bale length to function correctly the mechanical trip must be set to maximum length. If the mechanical trip is set a lesser length to the electronic length then the mechanical will trip first and an error message such as this may appear.*



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If all is okay an information pop-up will be displayed with the question:

Manually starting the knotter?

When ready to restart the knotter ensure the baler is above > 600 rev/min, then select the green tick if okay or red cross if not, using the soft key and or rotary encoder to activate the knotters.



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