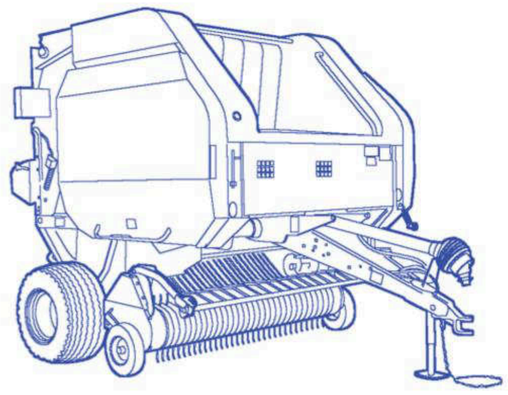
NEW HOLLAND

BR740A
BR750A
BR770A
BR780A

OPERATOR'S MANUAL



87526226 6/06
Replaces 87056211

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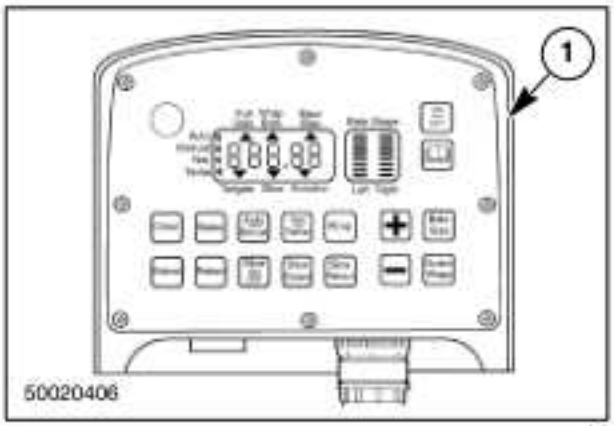
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Bale Command Plus

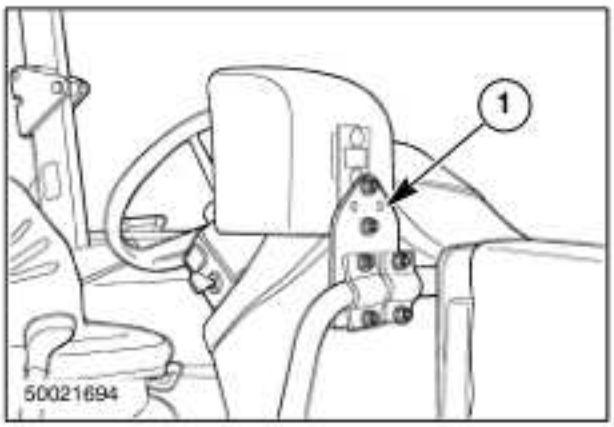
The control box, 1, must be mounted on the tractor at a convenient location. Bolt the female half of the mounting spade in the cab or on the fender.



3

A mounting kit, 1, is shipped with the baler. If it can't be mounted in a convenient location, it can be revised.

NOTE: *Refer to the Bale Command Plus Operator's Manual for more details.*



4

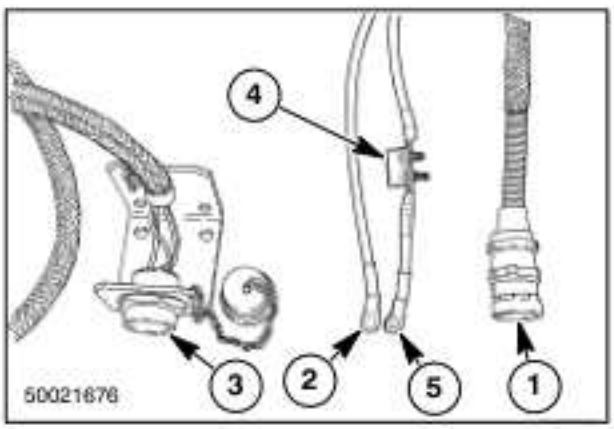
Route the control box harness on the tractor. The connector, 1, attaches to the control box. The connectors, 2 and 5, go to the power source. Connector, 3, mounts on the back of the tractor.

IMPORTANT: *The round baler electrical system requires a 12 volt negative ground power source.*

This harness includes a 30 amp circuit breaker, 4. The harness has ring ends for attaching to the battery.

⚠ CAUTION ⚠

Always disconnect the battery ground cable before installing the wire harness on the tractor.



5

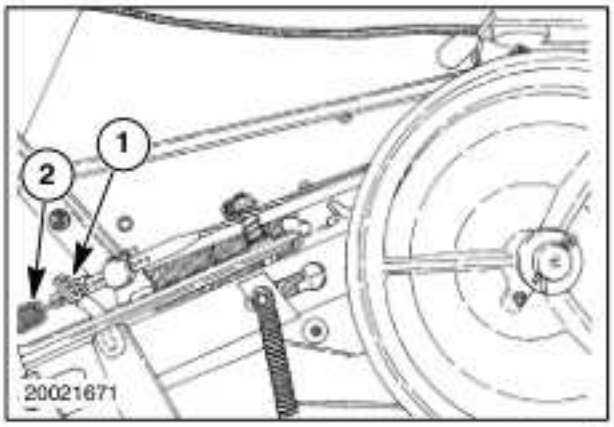
IMPORTANT: *The red wire in the wire harness is always the "hot" wire and the black wire is always the ground wire. Attaching the wires wrong will damage the wire harness.*

Route the power harness to the battery. Make sure the harness is clear of all moving or hot parts. Protect the wire harness at any sharp edges, such as a hole in the tractor cab. Use plastic ties as required. Disconnect the battery ground. Attach the harness red wire, 5, to the positive terminal of the battery. Attach the black, negative, ground wire, 2, to the negative terminal of the battery. Reconnect the battery ground.

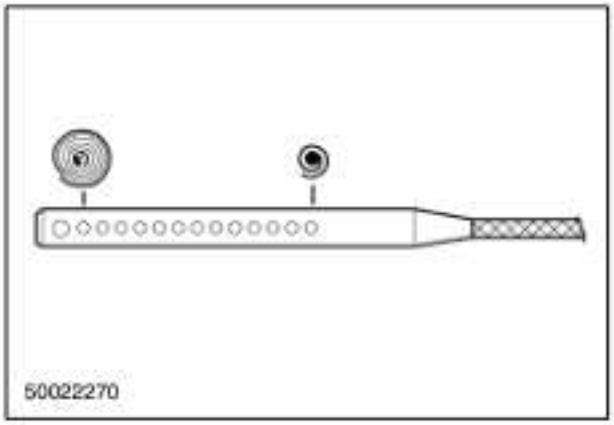
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Bale size

Adjust the bale size by selecting a hole for the pin, 1. The closer to the spring, 2, the larger the bale. The exact size of bale that will be made can only be determined by measuring some completed bales. The setting will vary as parts wear and stretch, especially the belts. Do not make the first few bales at maximum size. The first bales made with a new baler will require more horsepower until the paint is worn off and the parts are loosened up. The balers are designed to make and automatically wrap the following bale sizes.



74



75

	Minimum bale diameter	Maximum bale diameter
BR740A	910 mm (36 in)	1520 mm (60 in)
BR750A	910 mm (36 in)	1830 mm (72 in)
BR770A	910 mm (36 in)	1520 mm (60 in)
BR780A	910 mm (36 in)	1830 mm (72 in)

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:

BR740A	544 kg (1200 lbs.)
BR740A Silage	816 kg (1800 lbs.)
BR750A	862 kg (1900 lbs.)
BR750A Silage	910 kg (2000 lbs.)
BR770A	794 kg (1750 lbs.)
BR780A	998 kg (2200 lbs.)

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LUBRICATION SCHEDULE

Lubrication fittings and points	Maximum hourly interval	
	8 hours daily	50 hours weekly
DRIVELINE		
1. Front PTO U-joint	X(1)	X(2)
2. Equal angle ball and plate	X(1)	X(2)
3. PTO U-joint behind equal angle	X(1)	X(2)
4. PTO front shield	X(1)	X(2)
5. PTO slide	X(1)	X(2)
6. PTO rear shield	X(1)	X(2)
7. Rear PTO U-joint	X(1)	X(2)
8. Shearbolt hub (BR740A)		X
9. Gearbox output shaft		X
TWINE WRAP		
10. RH Twine tube pivot	X	
11. LH Twine tube pivot	X	
12. Actuator arm pivot (net wrap units)		X
13. Twine knife shaft		X
DRIVES		
14. Driveshaft bearing	X	
15. Pickup over-run clutch (rotor baler)		X
16. Wide pickup jaw clutch		X
17. LH Floor roll bearing *	X	
18. LH Starter roll bearing* (not on all units)	X	
19. Belt drive declutch (BR750A & BR780A)*	X	
20. Belt drive declutch fork (BR750A & BR780A)*		X
21. LH Belt drive roll bearing*	X	
22. LH back wrap roll bearing*	X	
23. RH Floor roll bearing*	X	
24. RH Starter roll bearing*	X	
25. RH Belt drive roll bearing*	X	
26. RH back wrap roll bearing*	X	

(1)Models manufactured prior to 1 June 2007.

(2)Models manufactured after 1 June 2007.

NOTE: PTO lubrication varies. Check the lubrication decal on the PTO.

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WARNING: Operation of 540 PTO.

Part #87041061

16



WARNING: Operation of 1000 PTO. BR780A only.

Part #87049205

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