FORM NO. 3319–718

TORO

BBC OPERATOR'S MANUAL ADDENDUM

Inspection of the Blade Brake and Clutch

BBC Test Procedures

For Toro 3–in–1 Rear Baggers or Bagging Recycler® Mowers

IMPORTANT

Please place this insert in your Operator's Manual. It provides two test procedures which should be conducted periodically (at a minimum, at the beginning of each mowing season) to ensure that the Blade Brake and Clutch (BBC) system on your mower continues to perform as designed.

READ AND UNDERSTAND ALL INSTRUCTIONS BEFORE STARTING TEST

Both tests should be conducted with the bag securely latched in place and the ground speed control in the neutral position.

A. Normal Control Bar Operation Test

1. Place the bag on the mower and start the mower's engine.

2. Push the black control bar down to its lowest position (Fig. 1, position B).

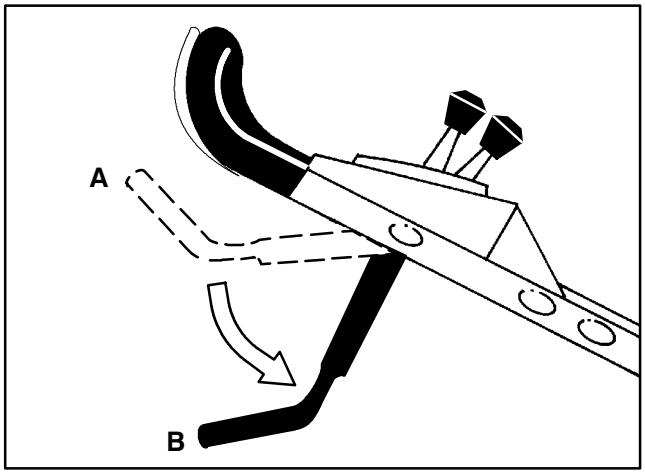


Figure 1

3. Lift the black control bar to the normal "blade engaged" position (about 1" below the handle cross bar) (Fig. 2, position C). The "fan" noise and inflation of the bag indicate that the mower blade is turning.

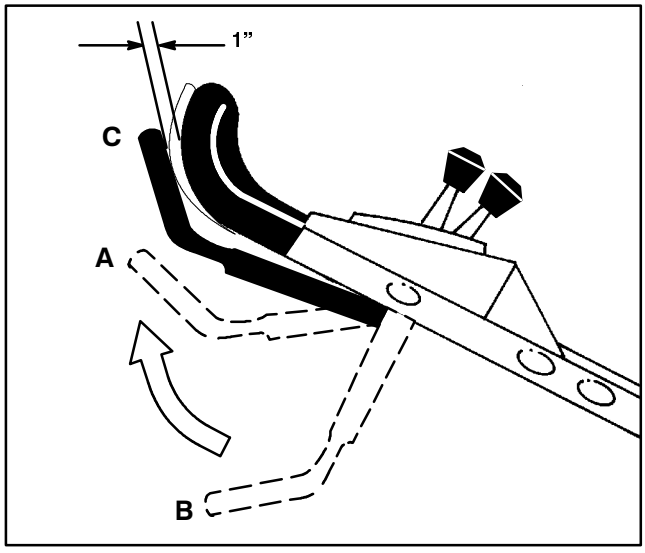


Figure 2

4. Release the control bar (Fig. 2, position A). A "bang" should be heard, the bag should deflate, and the blade should stop within 3 seconds. If the blade does not stop within 3 seconds when the control bar is released in this operational mode, stop using the mower and do not use it until you have it serviced by an Authorized TORO Service Dealer.

If your unit stops within the required 3 seconds, the BBC system is operating properly and needs no immediate attention. However, to detect BBC system deterioration **before** it affects normal operation, we also ask you to perform special Control Bar Test B which follows.

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B. Special Control Bar Test

1. The engine should be running from the previous test. If not, start the mower's engine.

2. Push the black control bar down to its lowest position (Fig. 3).

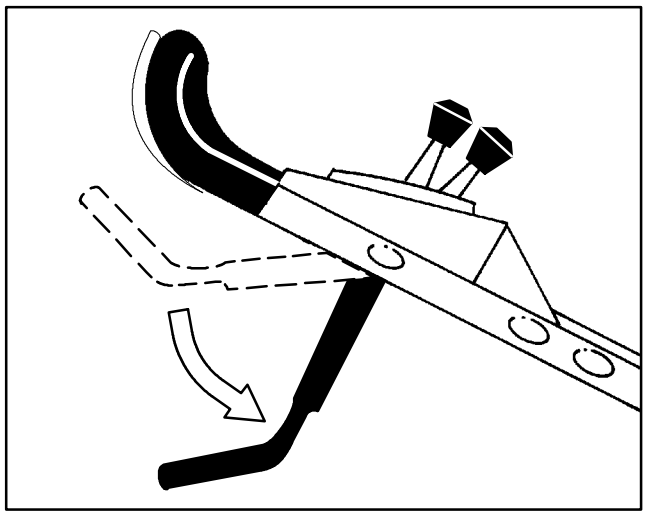


Figure 3

3. Slowly lift the black control bar to a point where the bag just begins to inflate (about 5 inches below the handle cross bar) (Fig. 4). This indicates that the mower blade is engaged and has begun to rotate.

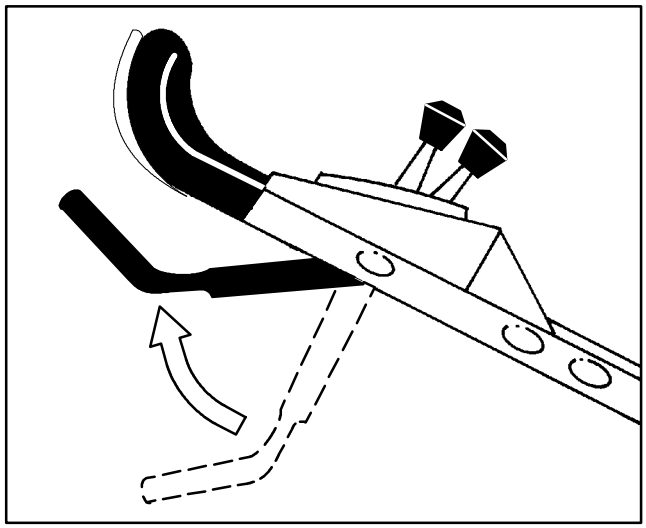


Figure 4

Note: This intermediate position is not the "natural" operating position of the control bar. However, it has proven to be useful in early detection of BBC sticking which could create an unsafe condition later in the life of the mower.

4. Release the control bar (Fig. 5).

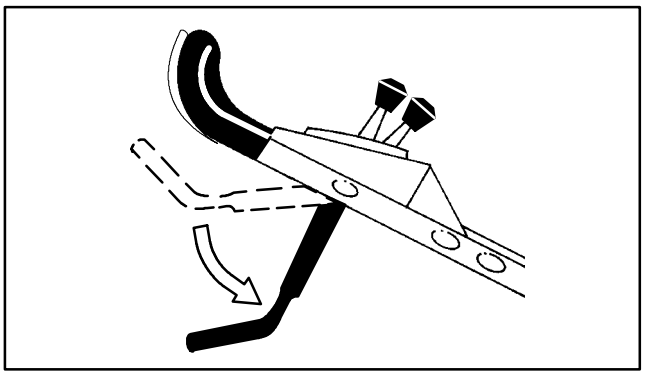


Figure 5

Note: IF A BANG IS HEARD AND THE BAG IMMEDIATELY DEFLATES, THE CONTROL BAR HAS BEEN RAISED TOO HIGH. REPEAT STEPS 2, 3 AND 4, BUT DO NOT RAISE THE HANDLE AS HIGH AS IN STEP 3.

IF THE CONTROL BAR RETURNS TO THE LOWEST POSITION, AND THE BAG QUICKLY DEFLATES WHEN THE CONTROL BAR IS RELEASED, THE UNIT IS OPERATING PROPERLY.

If the control bar does not fall or the blade does not quickly stop, it indicates the system could be experiencing wear/deterioration which could result in an unsafe operating condition. Use care in operating the mower and BBC system and contact an Authorized TORO Service Dealer for an inspection of your mower at your earliest convenience. Your dealer will ensure that appropriate corrective measures are performed, and your mower is restored to proper operating condition.

⚠ DANGER

- **An inoperative Blade Brake Clutch can result in blade contact.**
- **Blade contact can cause serious personal injury or death.**
- **Never use a BBC equipped power mower with an inoperative safety system.**
- **Return your lawn mower to your dealer for repair if safety system fails to operate properly.**

SPECIAL NOTE: Whenever performing operations such as cleaning the mower, first stop the engine and disconnect the spark plug wire. As with any lawn mower, regardless of the safety features and blade stopping devices used, operators should keep all body parts away from the cutting blade area whenever the mower's engine is running, and keep bystanders away as well.

Should you require further information or assistance, feel free to contact us at:

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Bloomington, MN 55420–1196
1-800-348-2424