

INSTALLATION

⚠ WARNING

- This product requires use of the GC38A Grass Catcher. Avoid injury from thrown objects. Never run the mower with the Power Blower installed unless the Grass Catcher is also installed with the chute in place and the lid closed.
- This Power Blower should be installed by a Yamaha dealer or other qualified mechanic. It requires specialized tools, including an air impact wrench and a 1¾ inch hole saw.
- Remove the main switch key, disconnect the spark plug leads, and wait for all movement to stop before beginning work.

The PB48A Power Blower is not suitable for use with the YT3600 tractor. Consult your Yamaha dealer if you have any questions about suitable applications.

Read the complete installation instructions before installing the Power Blower. You will also need the owner's or service manual for the tractor, and the CG38A Assembly Manual.

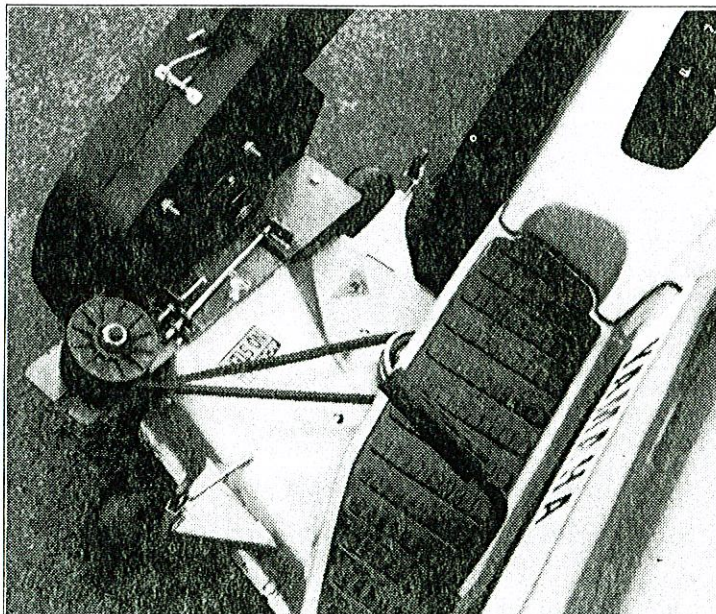
1. Remove the mower deck from the tractor. Follow the instructions in the tractor owner's or service manual.
2. Remove the grass deflector shield and set it aside. Remove the torsion spring from the shield hinge rod. Keep the rod handy, because it will be reused. Save the deflector shield and torsion spring in case the tractor will be used in the future without the Power Blower.
3. Remove the right-hand blade belt cover from the top of the mower deck. Saw a 1¾ inch hole in the middle of the raised portion of the cover, directly above the spindle nut. This will allow the Power Blower's drive sheave to attach to the spindle.
4. Remove the nut from the top of the right-hand blade spindle. Set the nut aside. Reinstall the blade belt cover on the mower deck.
5. Attach the threaded drive sheave (from the Power Blower kit) on the right-hand blade spindle through the hole in the guard. Tighten the drive sheave securely with an air impact wrench.

TIGHTENING TORQUE: 80 Nm (8.0 m·kg, 57.9 ft·lb)

⚠ WARNING

The drive sheave will spin off the spindle if not properly secured. This could result in injury. Be sure the sheave is properly tightened.

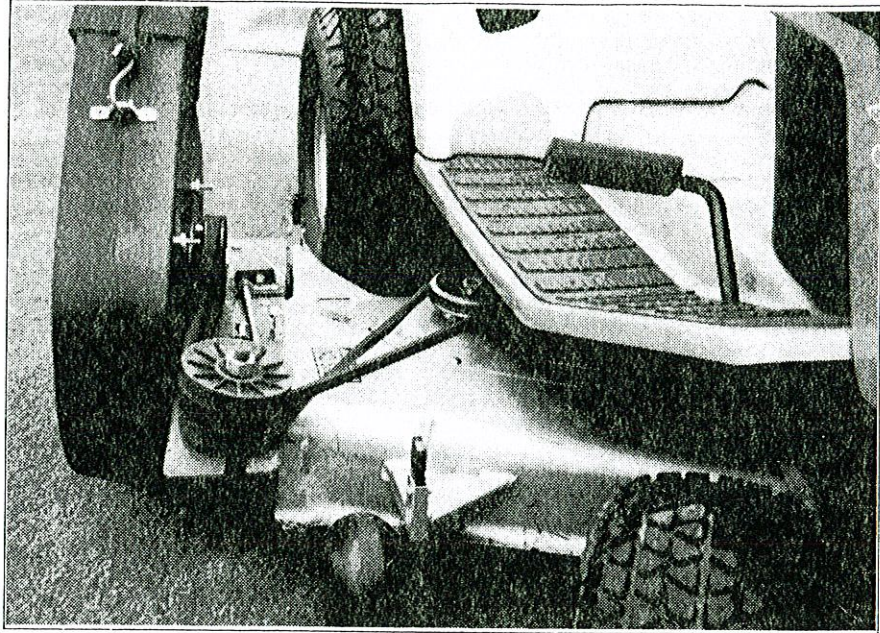
6. Slip the blower housing over the mower deck discharge opening. Use the grass deflector attachment rod to hold the blower housing in place. Be sure to use a new cotter pin. Tighten the wing bolt firmly, then tighten the locknut.



7. Loosen the bottom nut on the angle idler bolt. Route the AX71 belt onto the drive, driven and idler pulleys. (See photo). Turn the adjustment bolt to provide slight tension to the belt.

NOTE:

The belt rotates the blower fan counterclockwise (viewed from right side of tractor). Once the clippings have entered the blower intake, the fan rotates the clippings forward and up, out of the chute.



8. Check the belt for proper alignment with the top idler pulley. The belt should enter the idler pulley from the drive pulley at a fairly straight angle. The belt should then twist about halfway between the idler pulley and driven pulley. If incorrect, use a 15/16 inch open-end wrench between the idlers to rotate the idler pulley to the correct angle.
9. When the idlers are at the correct angle, tighten the bottom nut to maintain the proper angle. Check the belt tension, and adjust if necessary. Tighten the locknut for the adjustment bolt.

BOTTOM NUT TIGHTENING TORQUE: 48 Nm (4.8m-kg, 35 ft-lb)

BELT TENSION: 5/8 inch deflection at center of span between drive and idler pulleys (with 5-lb tension applied)

IMPORTANT:

Do not overtighten the belt.

10. Put the large belt guard over the pulleys and belt. Hold in place with the wing nuts on the blower housing.
11. Slide the small belt guard under the large guard so that it covers the drive pulley. When the small guard is properly aligned, mark the holes on the deck. Remove both guards, then drill the holes indicated with a drill. Install the small guard securely with the self-tapping screws provided.
12. Reinstall the mower deck on the tractor according to the tractor owner's or service manual instructions. Be sure to level the deck carefully.
13. Install the GC38A Grass Catcher, following assembly manual instructions.

Install only the GC38A grass bag assembly. DO NOT install the high lift blades, baffle plate, or GC38A chutes. They are not used with the Power Blower.

14. Connect the two chute pieces from the Power Blower kit together. Insert top chute into the grass catcher lid, then secure the chute to the blower with the rubber cord.

- 15 With the blower, chute and grass catcher in place, test run the mower to be sure the blower attachment is running correctly.

⚠ DANGER

- Do not perform this test until the chute and grass catcher are in place. The bags must be installed and the lid must be securely closed.
- The belt guard is not in place during this test run. Stay clear of the rotating belt. Keep your body, clothing, rags and tools away.
- Before making any adjustments, shut off the engine, then remove the main switch key and disconnect the spark plug leads.

16. Reinstall the large guard and tighten the wing nuts.

The Power Blower is ready to be used.