



INSTALLATION INSTRUCTIONS

TURBOLINE[®]

GUTTER BROOMS

PLEASE FOLLOW ALL OF THE STEPS OF THE INSTALLATION INSTRUCTIONS!

The Turboline Gutter Broom consists of plates and tufts. Some applications require the additional use of an adapter mounting plate and/or spring, which you would have received if required by your machine. Please view our video @ www.united-rotary.com showing the Turboline Gutter Broom in action.

Turboline Plates: (also referred to as segments):

1. **It is important to secure ALL bolt holes to the mounting plate on your machine.** In some instances, this requires holes to be drilled on the machine's mounting plate. We have included 3/8" inch bolts for the additional 3/8" nut openings required on some of the Turboline plates and lock washers for **ALL** bolt sizes required for mounting. **Failure to secure the Turboline plates with all bolts and lock washers may result in the loss of tufts during operation.**
2. When tightening the Turboline Plate to the machine's mounting plate, tighten to 50 ft-lbs of torque. Re-check torque after 30-60 minutes of initial sweeping.
3. Set machine's gutter broom setting to 35 p.s.i. with 5-7 degree angle.
4. Resulting sweeping pattern should be 1/3 to 1/2 moon pattern, starting at approximately 4:00 and ending at 11:00.
5. Monitor the down pressure. Adjustments may be needed due to the Turboline Gutter Broom weighing less than standard wire gutter brooms and your machine.

Turboline Tufts:

1. Loosen the Turboline plate from the machine's mounting plate and snap in the tuft.
2. Tighten the Turboline plate to the machine's mounting plate adhering to the specifications listed above.
3. Replace and recycle tufts when you notice reduced performance for your debris sweeping application, or when the tuft reaches a length of approximately 4 inches. The Turboline plate does not need replacing unless damaged.

All United Rotary Brush Corporation's Turboline plates and tufts are guaranteed for quality material and workmanship. This warranty is void upon improper installation or use. If you have any questions or need assistance please contact us.