

Dual Cartridge Tip Alignment Tool Instructions

for MHS Dual Cartridge Secondary Cleaners

1. Remove all tips with hardware from the used cartridges.
2. Install all new tips and hardware without fully tightening.
3. On one cartridge, place the Cartridge Tip Alignment Tool on the end with the notch and alignment holes. Using those alignment holes, tighten the tool to the cartridge with wing nut (Fig. 1).
4. Set the tip height gauge on the Cartridge Tip Alignment Tool so that the loosely installed tip can push up into the corner of the tool (Fig. 1).
5. Tighten the first tip while holding it tight to the Cartridge Tip Alignment Tool (Fig. 2).
6. Visually align all others while tightening remaining tips, ensuring a flat profile across all tips. Check with a straightedge. When finished, all tips should move freely without catching on the next tip and have no gaps larger than .03" (1 mm) (approx. thickness of a credit card) (Fig. 3).
7. Repeat Steps 3, 5, and 6 for the second cartridge.

NOTE: Make sure to keep the tip height gauge locked in place so both cartridges will be aligned when assembled to the pole.

