

# Installation Instructions for Mixer Cartridges (modular style in-line, Binary & Ternary housings)

1. To replace an existing mixer cartridge, disassemble the mixer housing using the appropriate size wrench, listed below (or use adjustable wrench):

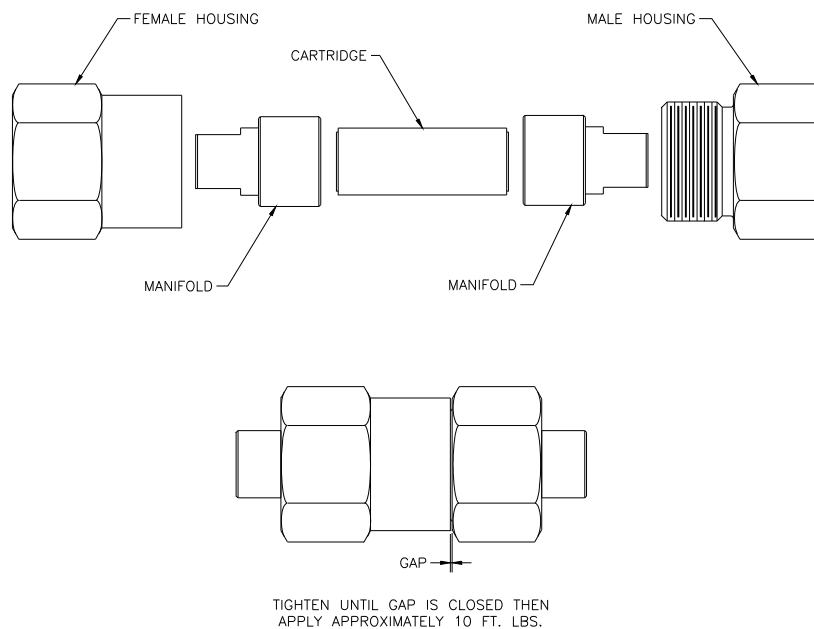
For Micro Flow series in-line housings (401-0000B), use two 3/4" wrenches.

For Low Flow series in-line housings (411-0000/411-0000B), use two 3/4" wrenches.

For Analytical Flow series in-line housings (421-0000/421-0000B/422-0000BQ28/423-0000BQ28), use two 1" wrenches.

For High Flow series in-line housings (431-0000/431-0000B/432-0000BQ28/433-0000BQ28), use two 1.25" wrenches.

2. Store the old cartridge in a manner that will protect the end seals from being scratched or damaged.
3. Insert the replacement cartridge and reassemble the housing. Please note that there may be a white residue on the housing threads. This is an inert Teflon coating that prevents galling or seizing of the threads, and should not be removed.
4. Tighten the housing until the gap between the male and female housing is gone, then tighten firmly (approximately 10 ft lbs.).
5. **FOR ALL-STAINLESS MIXER ASSEMBLIES ONLY:** When attaching tubing fittings to mixer assembly, be sure to hold onto the smaller flats on the manifold with a wrench. **NOT ONTO THE HEXAGON HOUSING!**



The illustration is not to scale.