

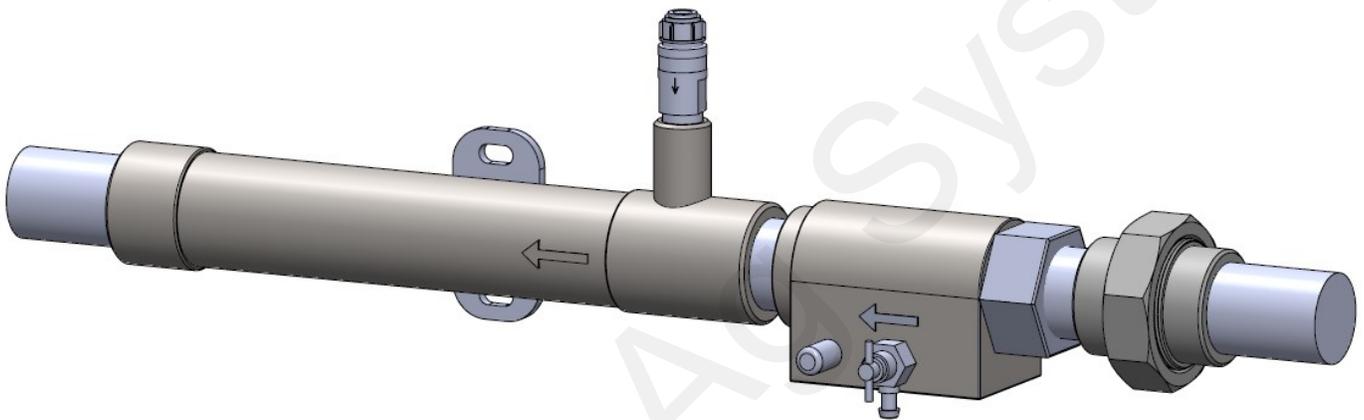


# 396-3611Y1

## 1-1/2" SS Mixing Chamber Installation Instructions

**Kit Number:** 159-10-400500

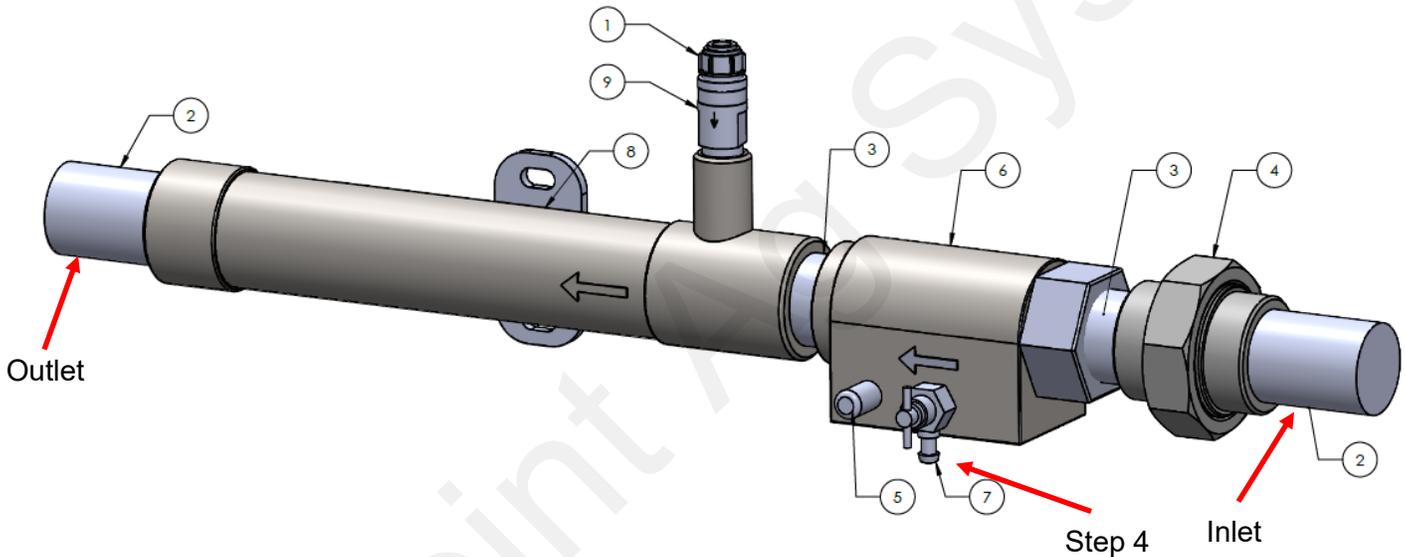
**Kit Description:** 1 1/2" NH3 Mixing Chamber Kit





# Parts List and Exploded View Kit: 159-10-400500

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	113-06-0038050-P	QC to MPT - 3/8" QC x 1/2" MPT	1
2	150-150NIP-3-S80	Seamless Sch 80 Black Iron - 1 1/2" x 3" Nipple	2
3	150-150NIP-SH-S80	Seamless Sch 80 Black Iron - 1 1/2" Short Nipple	2
4	150-150UN-S80	Forged Steel - 1 1/2" Union	1
5	153-A1327	1/4" RELIEF VALVE - 350 PSI	1
6	153-A-15BC	1 1/2" NH3 Check Valve	1
7	153-A-411-HB	Remote Bleed Down Valve with 3/8" Hose Barb	1
8	153-A-MXC-150	1 1/2" SS NH3 Mixing Chamber w/ 1/2" FPT Injection Port	1
9	716-333-0011-102	1/2" SS N-Serve Checkvalve - 12 PSI w/ Extreme Viton	1



## General Instructions:

1. Assemble mixing chamber fittings as shown. *Make sure to use good quality pipe dope rated for NH3 and tighten each fitting individually to ensure tight connections.*
2. Connect outlet of NH3 cooler to inlet of mixing chamber assembly with schedule 80 fittings or high pressure rated NH3 hose.
3. Connect outlet of mixing chamber assembly to NH3 manifold. *If you have multiple sections, you can connect the TEE or NH3 Splitter directly to the mixing chamber assembly.*
4. Connect 3/8" NH3 EVA hose to the bleed-down valve (Item 7) and run to one side of the toolbar. *Attach the 3/8" NH3 EVA hose to the toolbar using zip ties, allowing you to drain down this portion of the NH3 system without being close to exhaust gas.*