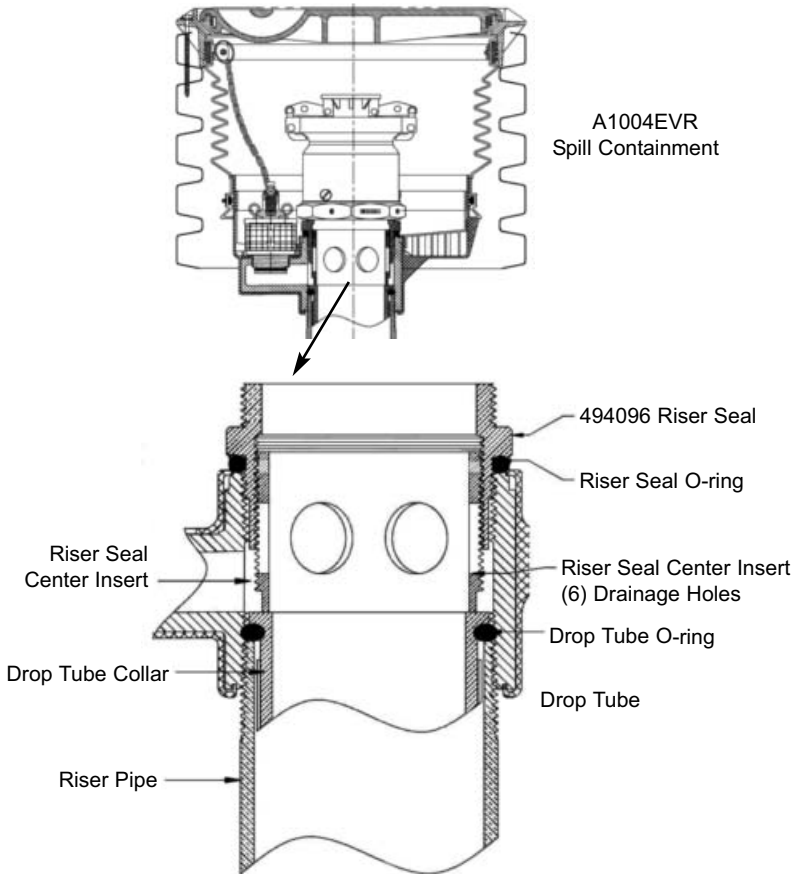


**INSTALLATION INSTRUCTIONS**



**Service Tools Required:**

- Ratchet Wrench
- 5/32 " Allen Wrench
- 15/16" Socket
- EMCO Adapter Wrench p/n A0081-001
- Torque Wrench w/ 35 to 80 ft-lbs Setting
- EMCO Riser Seal Wrench p/n A0081-001L (494120)

**CAUTION:**

1. Always barricade to keep pedestrians and vehicles from accessing the storage tank area during preventive maintenance and/ or compliance testing of the EMCO phase I EVR system.

## ARB EVR Approved Drop Tube Configurations

	<u>Model Number</u>	<u>Description</u>
A.	A1100EVR	Drop Tube with Overfill Prevention Valve
B.	A0020EVR	Straight Drop Tube
C.	A0020EVRC	Straight Drop Tube with Collar

The 494096 riser seal is used when installing the top of the drop tube below the drain path of the spill containment drain valve. This allows standing gasoline and/or water to drain directly into the tank fill riser.

1. Before installing any of the three CARB EVR approved drop tube configurations A, B or C, verify that the drop tube o-ring is installed and properly secured.
2. Locate the bottom of the drop tube over the opening of the A1004EVR spill containment. Lower the drop tube into the tank fill riser below the drain path until the drop tube is resting on the top edge of the riser pipe.
3. Before installing the 494096 riser seal, verify that the riser seal o-ring is installed and properly secured. Manually tighten the 494096 riser seal onto the top threads of the A1004EVR spill containment to avoid cross threading. Use the EMCO Adapter Wrench A0081-001 to tighten and torque the 494096 riser seal to 80 ft-lbs.

**IMPORTANT: Do not use pipe thread sealant compound when installing the 494096 riser seal.**

4. Use the EMCO Riser Seal Wrench p/n A0081-001L (494120) to tighten and torque the riser seal center insert located inside the A0081-001L riser seal between 35 to 45 ft-lbs.
5. When installing the Emco Wheaton swivel fill adapter, please refer to the A0030-124S installation instructions.

## PREVENTIVE MAINTENANCE

1. Annually verify leak tightness integrity of the 494096 riser seal by performing ARB test procedure TP-201.1D.
2. If the 494096 riser seal fails to pass the leak tightness integrity test, replace the riser seal o-ring with EMCO o-ring kit p/n 494242.

## PERFORMANCE SPECIFICATIONS

This component was factory tested to, and met, the following specifications.

1. CP-201 - Complies with the allowable maximum performance standards and all applicable ARB test procedures.

**IMPORTANT: Leave these installation instructions, product warranty registration card and the warranty tag with the station owner and/or operator.**

### Emco Wheaton Retail Corp.

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