

MODEL 215A VAPOR RECOVERY KIT INSTALLATION INSTRUCTIONS

This instruction sheet covers the installation of the Model 215A Balanced System Vapor Recovery Kit (Gasboy P/N 032112). You should have received the following:

Item	Qty.	P/N	Description	Item	Qty.	P/N	Description
1	1	032671	Clamp and Reel Assy.	12	1	038502	Nozzle-Emco VR
2	1	063816	Support Post	13	1	030301	Hose GY 7.5'
3	1	017930	Cap plug 1-1/2"	14	1	066817	Splitter, Emco
4	4	051955	Screw 5/16-18 x 2	15	1	030407	Hose 3/4" HW 1.5'
5	4	068080	Washer 5/16	16	1	017270	3/4" to 1" Bushing
6	4	068875	Washer, Lock 5/16	17	1	044007	Breakaway
7	1	056924	Spacer	18	1	030303	Hose GY 4.5'
8	1	013250	Bolt 5/16 (Anchor)	19	1	003336	Boot-Nozzle
9	1	047219	Plug Button	20	1	003719	Hook-Nozzle
10	1	038605	Nut 5/16-18 Hex Keps	21	4	053639	Screw 8-32 x 5/8
11	1	064560	3/4" Swivel	N/A	1	032113	Instruction Sheet
				N/A	1	035282	Warning Sheet

Always use a UL-classified gas- and oil-resistant pipe compound on all male pipe threads when assembling these components. All references to pipe compound in these instructions imply UL-classified pipe compound. In addition to the standard tools and supplies required for dispenser installations, you will also need the following:

- 1.30" diameter sheet metal drill bit (or similar hole punching device)
 - .34" diameter sheet metal drill bit
1. Read all instructions before beginning. A separate instruction sheet is packed with the EMCO Wheaton splitter manifold, which is required for mounting this component. Also, read and follow all precautions regarding remote dispensers and pumps on the *Warnings and Safeguards* sheet, 035282, included in this kit.
 2. Turn off power to the dispenser at the breaker and activate emergency shutoff valve.
 3. Before removing dispenser from the island, determine the splitter manifold location as instructed in the EMCO Wheaton instructions.
 4. Remove dispenser from island before performing any work which may produce sparks (e.g. drilling, use of power tools, etc.).
 5. With the dispenser at a safe distance from the island, drill the splitter mounting holes per the EMCO Wheaton instructions.
 6. Reinstall the dispenser on the island, and mount the splitter per the EMCO Wheaton instructions.

Assemble Product Jumper Hose

7. Assemble 3/4" x 1" bushing (017270) to dispenser outlet. Assemble 3/4" swivel (064560) to one end of 3/4" jumper hose (030407). Assemble fixed end of jumper hose to bushing on dispenser outlet, and the swivel end at the splitter port labeled **FUEL**.

Mounting Hose Retriever

8. Assemble clamp and reel assembly (item 1) to support post (item 2) with hardware items 4, 5, and 6.
9. Install reel and support post assembly to side of dispensing unit with items 4, 5, 6, 7, and 10 and leave loose. Item 7 mounts between post and side panel.
10. Making sure that support post is plumb, mark and drill a 5/8" dia. X 1-3/4" deep hole in island. Install anchor bolt (item 8) into island surface. Install items 4, 5, and 6.
11. Tighten all hardware from Step 9. Plug hole in support post with item 9.

Mounting Nozzle Boot And Nozzle Hook

12. Remove the (4) screws from existing nozzle boot and remove nozzle boot. Replace with new nozzle boot (item 19) and assemble with existing screws or supplied screws (Item 21).
13. Remove hardware from existing nozzle hook and remove hook. Replace with new nozzle hook (item 20) and assemble with existing hardware.

Mounting Hose to Retriever

14. Lubricate the new inverted hose threads and O-rings with a white lithium based grease and thread the hose onto the pump. Tighten the hose/pump connection. **Do not use pipe thread compound or Teflon tape on hose connection.**
15. With white grease, lubricate the threads on the opposite end of the hose and install the breakaway. Lubricate and thread the second section of the hose into the breakaway.
16. Thread nozzle onto the hose and tighten. *NOTE: For additional installation instructions, refer to specific procedures supplied with the breakaway and nozzle.*
17. Assemble clamp to hose and position so that hose does not touch ground when nozzle is hung in nozzle boot. Pull out hose and check operation of the retriever and lay of hose.

HIGH HOSE RETRIEVER OVERVIEW

