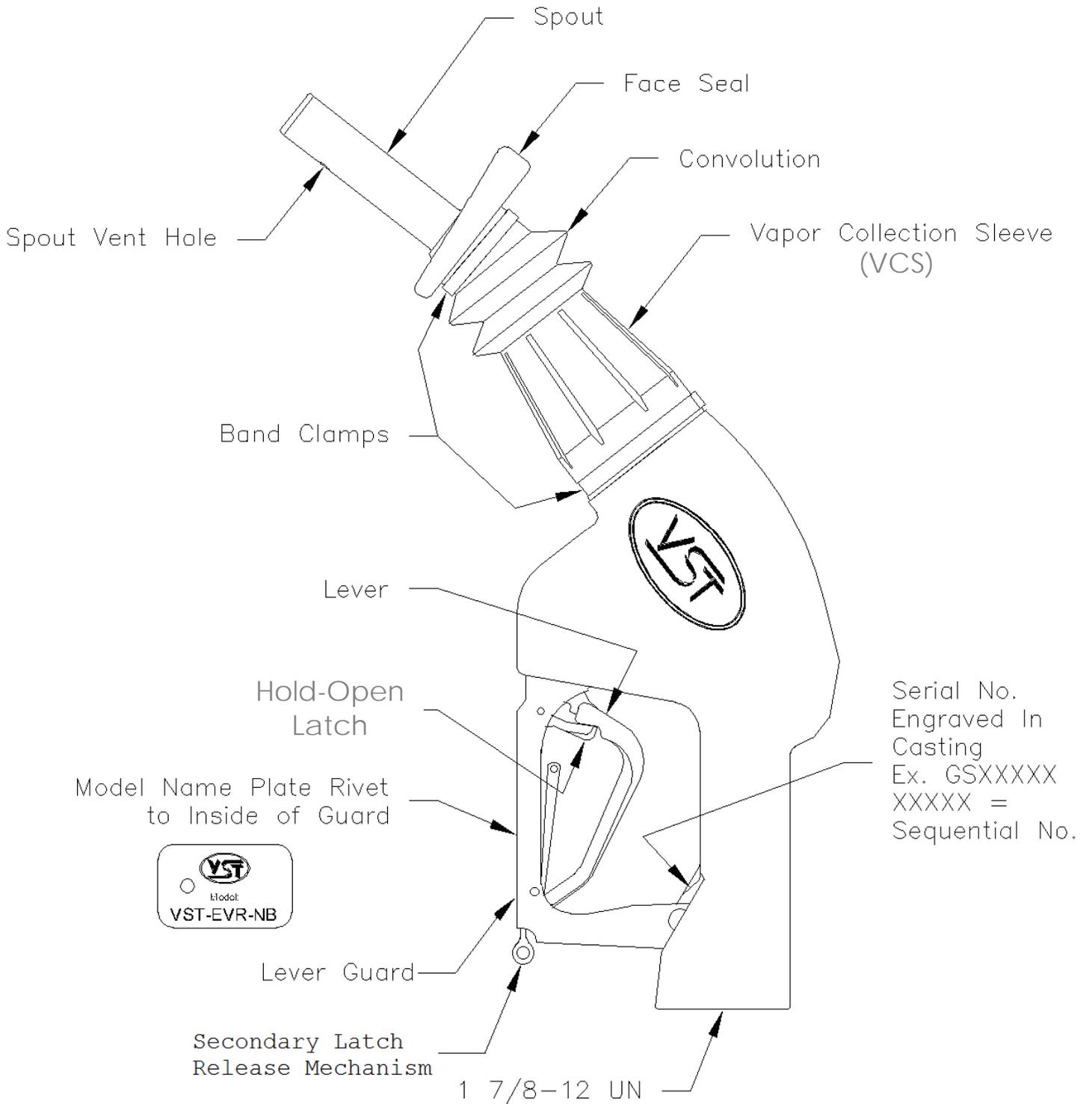




Figure 1  
VST Nozzle



# Weekly Inspections –Hanging Hardware

<b>HANGING HARDWARE SYSTEM</b>					
<b>Component</b>	<b>Procedure</b>	<b>Fail Criteria</b>	<b>Corrective Action</b>	<b>Reference Manuals</b>	<b>Authorized Personnel</b>
Nozzle Hose Breakaway	Inspect each hose, breakaway, and nozzle for loose connections or leaks	Presence of a leak	Tighten connections or replace with new product	IOM-6	<b>Nozzle, hose, or breakaway replacement:</b> GDF owner-operator or VST ASC Levels A, B, or C or EMCO Level A <b>Component repair:</b> VST ASC Levels A, B, or C or EMCO Level A
		Presence of residue from a leak	Tighten connections or replace with new product	IOM-8	
		Visible o-ring between any component connection	Tighten connections or replace with new product	IOM-9	
<b>CO-AXIAL HOSES</b>					
<b>Component</b>	<b>Procedure</b>	<b>Fail Criteria</b>	<b>Corrective Action</b>	<b>Reference Manuals</b>	<b>Authorized Personnel</b>
Coaxial Hose	Inspect hoses for wear, severe kinks, cracks, splitting, and functional swivels	Kinks, cracks, splitting, non-functional swivels, or any visible openings	Replace with new hose	IOM-8	<b>Hose replacement:</b> GDF owner-operator or VST ASC Levels A, B, or C or EMCO Level A
<b>BREAKAWAY</b>					
<b>Component</b>	<b>Procedure</b>	<b>Fail Criteria</b>	<b>Corrective Action</b>	<b>Reference Manuals</b>	<b>Authorized Personnel</b>
Breakaway	Inspect breakaway for leaks around the scuff	Presence of a leak around the scuff	Replace with new breakaway	IOM-9	<b>Replace breakaway:</b> Owner/Operator or VST ASC Levels A, B, or C or EMCO Level A
<b>VST NOZZLE</b>					

Nozzle Component	Procedure	Fail Criteria	Corrective Action	Reference Manuals	Authorized Personnel
Nozzle lever, lever guard, lever lock	Inspect for defects, cuts, or damage to the:  Nozzle Lever Lever Guard Lever Lock Spout Spout Vent Hole Face Seal Interlock Rod Vapor Collection Sleeve.	Damaged or missing	Replace with new VST nozzle	IOM-6	GDF Owner/Operator or VST ASC Levels A, B, or C
Nozzle Spout		Sheared or bent	Replace nozzle spout assembly with new VST spout or replace with new VST nozzle	IOM-6 IOM-7	VST ASC Levels A, B, or C
Nozzle Vent Hole		Vent hole blocked	Clear blockage	IOM-6	GDF Owner/Operator or VST ASC Levels A, B, or C
Nozzle Collection Sleeve		If greater than 18 inches total length of cuts (if greater than .375 sq. inches of material missing)	Replace vapor collection kit	IOM-7	VST ASC Levels A, B, or C
			Replace nozzle with new VST nozzle	IOM-6	GDF Owner/Operator or VST ASC Levels A, B, or C
Nozzle Face Seal		Greater than 30% of the material is missing (if greater than 2.5 inches of the accumulated faceplate circumference is missing)	Replace vapor collection kit	IOM-7	VST ASC Levels A, B, or C
			Replace nozzle with new VST nozzle	IOM-6	GDF Owner/Operator or VST ASC Levels A, B, or C
Nozzle Front-End Kit (Collection sleeve and face seal)		Alignment lines are misaligned and/or the assembly is cockeyed	Replace vapor collection kit	IOM-7	VST ASC Levels A, B, or C
			Replace nozzle with new VST nozzle	IOM-6	GDF Owner/Operator or VST ASC Levels A, B, or C
Nozzle Interlock Rod		Daily Nozzle Inspection	Interlock rod sticks during engagement or disengagement	Replace vapor collection kit	IOM-7
	Replace nozzle with new VST nozzle			IOM-6	GDF Owner/Operator or VST ASC Levels A, B, or C
<b>EMCO NOZZLE</b>					
Nozzle Component	Procedure	Fail Criteria	Corrective Action	Reference Manuals	Authorized Personnel

Lever, Hold Open Latch, Lever Guard	Inspect for defects, cuts or damage to the:  Lever Hold Open Latch Lever Guard Spout	Damaged or missing	Replace with new EMCO latch kit or nozzle	IOM – 6	<b>Latch Kit Repair:</b> EMCO Certified Technician Level A  <b>Nozzle Replacement:</b> Station Operator or EMCO Certified Technician Level A
Spout		Sheared or bent	Replace with new EMCO Spout Kit or nozzle	IOM – 6 IOM - 7	<b>Spout Kit Repair:</b> EMCO Certified Technician Level A  <b>Nozzle Replacement:</b> Station Operator or EMCO Certified Technician Level A
Spout Vent Hole	Inspect for defects, cuts or damage to the:  Spout Vent Hole Boot Face Bellows	Vent hole blocked	Clear blockage	IOM – 6	<b>Blockage Repair:</b> Station Operator or EMCO Certified Technician Level A
Boot Face		> than 0.38 sq. inches of boot face material is missing (e.g. A triangular or similar shape in which greater than 7/16 inches of the boot face circumference is missing [accumulated])	Replace with new EMCO boot face kit or nozzle	IOM – 6 IOM - 7	<b>Boot Face Kit Repair:</b> EMCO Certified Technician Level A  <b>Nozzle Replacement:</b> Station Operator or EMCO Certified Technician Level A
Bellows		A cut across 7 consecutive bellows convolutions	Replace with new EMCO bellows kit or nozzle	IOM – 6 IOM - 7	<b>Bellows Kit Repair:</b> EMCO Certified Technician Level A  <b>Nozzle Replacement:</b> Station Operator or EMCO Certified Technician Level A
<b>EMCO NOZZLE</b>					
Insertion Interlock Rod	Inspect for defects, cuts or damage to the:	Insertion interlock rod sticks during engagement or disengagement	Replace with new EMCO Spout Kit or nozzle	IOM – 6 IOM - 7	<b>Spout Kit Repair:</b> EMCO Certified Technician Level A

	Insertion Interlock Rod Band Clamps Serial Plate Security Rivet				<b>Nozzle Replacement:</b> Station Operator or EMCO Certified Technician Level A
Band Clamps		Damaged or missing	Replace with new EMCO band clamp kit or nozzle	IOM – 6 IOM - 7	<b>Band Clamp Kit Repair:</b> EMCO Certified Technician Level A  <b>Nozzle Replacement:</b> Station Operator or EMCO Certified Technician Level A
Serial Plate, Security Rivet		Damaged or missing	Replace with new EMCO nozzle	IOM – 6	<b>Nozzle Replacement:</b> Station Operator or EMCO Certified Technician Level A

## Weekly Inspection and Testing Checklist

Checklist results may be used to assist with filling out GDF maintenance log.

Date:

Page: \_\_\_\_\_ of \_\_\_\_\_

Dispenser Number	Unihose or Fuel Grade (circle one)	Nozzle Inspection (circle one)	Hose Inspection (circle one)	Breakaway (circle one)
	Unihose 87 89 91 other _____	Pass Fail	Pass Fail	Pass Fail
	Unihose 87 89 91 other _____	Pass Fail	Pass Fail	Pass Fail
	Unihose 87 89 91 other _____	Pass Fail	Pass Fail	Pass Fail
	Unihose 87 89 91 other _____	Pass Fail	Pass Fail	Pass Fail
	Unihose 87 89 91 other _____	Pass Fail	Pass Fail	Pass Fail
	Unihose 87 89 91 other _____	Pass Fail	Pass Fail	Pass Fail
	Unihose 87 89 91 other _____	Pass Fail	Pass Fail	Pass Fail
	Unihose 87 89 91 other _____	Pass Fail	Pass Fail	Pass Fail
	Unihose 87 89 91 other _____	Pass Fail	Pass Fail	Pass Fail
	Unihose 87 89 91 other _____	Pass Fail	Pass Fail	Pass Fail
	Unihose 87 89 91 other _____	Pass Fail	Pass Fail	Pass Fail
	Unihose 87 89 91 other _____	Pass Fail	Pass Fail	Pass Fail
	Unihose 87 89 91 other _____	Pass Fail	Pass Fail	Pass Fail
	Unihose 87 89 91 other _____	Pass Fail	Pass Fail	Pass Fail
	Unihose 87 89 91 other _____	Pass Fail	Pass Fail	Pass Fail