

Drive-Offs and Other Customer Abuse

If the hanging hardware components are involved in a drive off situation or if they incur some customer abuse, and they are not replaced as new, each individual component of the hanging hardware **must be visually inspected and functional tested** before the components can return to dispensing fuel.

- A visual assessment and functional tests are outlined in the following pages.

ANY COMPONENT THAT DOES NOT PASS A VISUAL INSPECTION OR FUNCTIONAL TEST MUST BE REPLACED.

IF THE SAFE BREAK VALVE IS INVOLVED IN A DRIVE-OFF SITUATION, IT MUST BE REPLACED.

THE SAFE BREAK VALVE IS NON-RECONNECTABLE.



Before beginning work, barricade the work area to block customer use

VISUAL ASSESSMENT OF THE HANGING HARDWARE

Visually inspect the hanging hardware system as follows to determine the extent of the damage:

Action	Test Procedure	Corrective Action	Reference Manuals	Authorized Personnel
Perform a thorough visual examination of the exterior of the whip and curb hose for any obvious imperfections	Obvious imperfections include, but are not limited to: Damage to the swivels Damage to the couplings Kinks – flats spots Tears or slits to the outer hose	Replace with new Goodyear hose(s)	IOM – Section 13	Hose Replacement: Station Operator or EMCO Certified Technician Level A
	If there are no imperfections to the whip and curb hose, those hoses may be reused	After reassembly, conduct liquid removal test	IOM – Section 13 EO VR-207 - Exhibit 5	
		If the liquid removal test fails, replace the hose(s)	IOM – Section 13	
Perform a thorough visual inspection of the nozzle for any obvious imperfections	Obvious imperfections include, but are not limited to: Damage spout, broken or bent Damage to the insertion interlock rod Torn boot face or bellows Damage to the lever, hold open latch and lever guard Missing band clamp, serial plate and security rivet	Replace damaged components where applicable	IOM – Section 12	Component Repair: EMCO Certified Technician Level A
		Replace with new EMCO nozzle	IOM – Section 9	Nozzle Replacement: Station Operator or EMCO Certified Technician Level A

FUNCTIONAL TESTING OF THE HANGING HARDWARE

Perform the following functional tests prior to re-using a nozzle, hose swivel, hose or safe break valve following a drive-off situation:

Test	Test Procedure	Corrective Action	Reference Manuals	Authorized Personnel
Leak Check	<p>Verify that there are no liquid leaks in all components</p> <p>Dispense fuel and check each connection between the components</p> <p>A visual inspection of the nozzle can determine any obvious liquid leaks</p>	Any component that does not pass the functional test must be replaced	IOM – Sections 9, 10, 11 & 13	Component Replacement: Station Operator or EMCO Certified Technician Level A
Meter Creep	<p>Checking for meter creep will verify the integrity of the connections</p> <p>Dispense 1/10 to 2/10 of a gallon of fuel into an approved container then release lever, move components around and/ or gently shake the hose and verify if the displace amount on the dispenser changes</p>	Any component that does not pass the functional test must be replaced	IOM – Sections 9, 10, 11 & 13	Component Replacement: Station Operator or EMCO Certified Technician Level A
Automatic Shut-Off & Insertion Interlock	The insertion interlock mechanism shall not allow dispensing when the bellows is uncompressed as determined by direct observation	Replace with new EMCO nozzle or repair	IOM – Sections 9, 10, 11, 12 & 13	<p>Nozzle Replacement: Station Operator or EMCO Certified Technician Level A</p> <p>Repair: EMCO Certified Technician Level A</p>