

## *Drive-Offs and Other Customer Abuse*

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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 | <p>Obvious imperfections include, but are not limited to:</p> <ul style="list-style-type: none"> <li>Damage to the swivels</li> <li>Damage to the couplings</li> <li>Kinks – flats spots</li> <li>Tears or slits to the outer hose</li> </ul>   | Replace with new Goodyear hose(s)           | IOM – Section 13  | <b>Hose Replacement:</b><br>Station Operator or<br>EMCO Certified Technician<br>Level A    |
|   | If there are no imperfections to the whip and curb hose, those hoses may be reused  | Reassemble hose(s)                          | IOM – Section 13  |  |
| Perform a thorough visual inspection of the nozzle for any obvious imperfections                              | <p>Obvious imperfections include, but are not limited to:</p> <ul style="list-style-type: none"> <li>Damage spout, broken or bent</li> <li>Damage to the insertion interlock rod</li> <li>Torn boot face or bellows</li> <li>Damage to the lever, hold open latch and lever guard</li> <li>Missing band clamp, serial plate and security rivet</li> </ul> | Replace damaged components where applicable | IOM – Section 12  | <b>Component Repair:</b><br>EMCO Certified Technician<br>Level A                           |
|   |   | Replace with new EMCO nozzle                | IOM – Section 9   | <b>Nozzle Replacement::</b><br>Station Operator or<br>EMCO Certified Technician<br>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     | <b>Component Replacement:</b><br>Station Operator or<br>EMCO Certified Technician<br>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     | <b>Component Replacement:</b><br>Station Operator or<br>EMCO Certified Technician<br>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><b>Nozzle Replacement:</b><br/>Station Operator or<br/>EMCO Certified Technician<br/>Level A</p> <p><b>Repair:</b><br/>EMCO Certified Technician<br/>Level A</p> |