

TECHNICAL SERVICE BULLETIN

Bulletin No.: TSB-037

Date: April 3, 2019

Subject: Oasis Manual Ball Valve

Models: All Quantum Virtual Pipeline Lite Trailers

Background

Both the load and unload panels on the Quantum Virtual Pipeline (VP) trailer are equipped with manual shut off valves to allow for isolation of the load and unload couplings from the storage system.

Condition

The manual shut off valves used on the Quantum VP trailers may over time become loose. During trailer use, the manual shut off valves may not remain in the position selected by the operator.

Cause

Over time the seals and packings may relax or take a set which decreases the force required to turn and actuate the valve. In some cases the force reductions is sufficient to allow the valve to move due to vibration and weight of the handle alone.

**Correction**

A new handle has been developed with a detent feature to lock the valve in the open position.

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All VP Trailers:

Labor OP Time: 0.1 hrs / Handle

Parts Information

Description	Part Number	Qty
HANDLE- MAN SHUT OFF, LH	119581	2
HANDLE- MAN SHUT OFF, RH	119589	2
HANDLE- MAN SHUT OFF, CENTER, HF	119616	A/R

Application

All VP Lite Trailers built before May 2019 not already equipped with the latching feature on the valve handle.

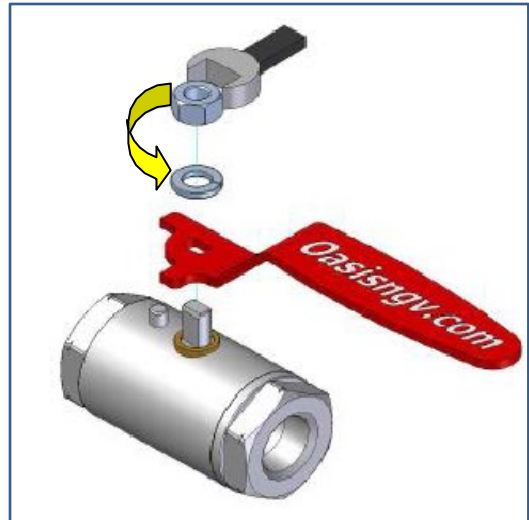
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1. Remove and retain the nut and washer holding the handle.
2. Remove and discard the original handle assembly.



3. Verify the stem gland is still in place.
4. Place the new handle in position on the valve and place the washer and nut on the stem.
5. Tighten the handle retaining nut.
Tighten to 53 lb.in. (6 N.m.)

