

Subject: Air Purge Valve Inspection

Models: Mud Dog 1200 & 1600 **Affected Units:** 132260699 to 193261030

Date: 10/28/2021

Description of Update:

Over time, the air purge valve located on the water manifold assembly in the doghouse cabinet (Fig. 1) could slowly leak water due to erosion of the ball, **typically caused by the valve not being completely closed after use.** This condition can result in water ingress into the chassis air system. A new, more robust, stainless-steel valve rated to 6000 lbs. went into production starting with unit 193261031. This valve can be installed on units produced prior to this serial number. **It is advised to ensure operators are fully closing the valves during normal vacuum operation to prevent valve ball erosion.**

Parts Required:

- 0036117-00008 Valve

Instructions:

- Drain air from brake system by bleeding off primary and secondary air tanks.
- Remove ball valve handle with 3/8" wrench.
- Remove ½ inch swivel fitting using 7/8" wrench, leave fitting hanging from air hose.
- Remove valve with 1 3/16" wrench, place assembly in vise.
- Remove one way air check valve from old ball valve.
- Clean threads and reapply a Teflon type sealing tape.
- Reassemble ball valve to check valve.
- Remove handle, spin assembly together, and firmly tighten.
- Reinstall handle.
- Reinstall ½ hose swivel.
- Build truck air, check for air leaks with soapy water.
- Run water system with lance and handgun, run a dead head water pressure test. Check for water leaks.

Notes:

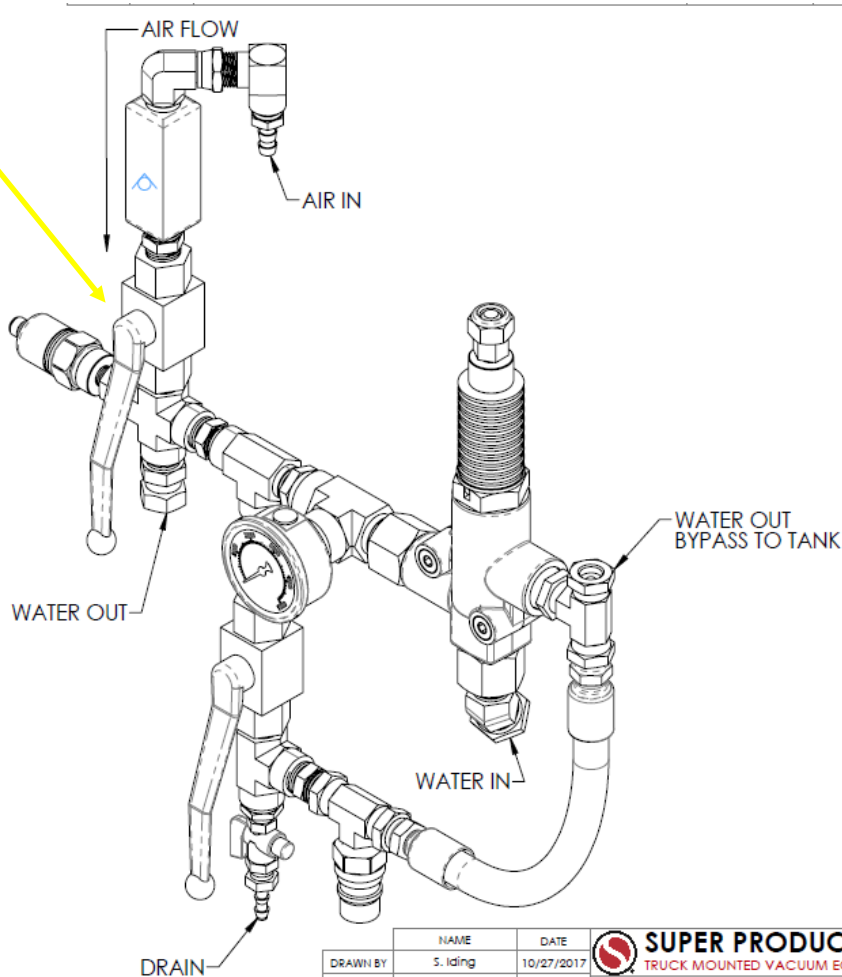
- This bulletin does **not** imply warranty of any kind. All standard warranty considerations still apply.
- Supplemental pages in this communication include images, additional information, and safety warnings.
- Please refer to all safety warnings on Page 3 prior to proceeding with service repair.

Questions: Contact Technical Support at 1.800.837.9711 (press 4 & then 1) or industrialservice@superproducts.com

By: Daniel Craig

Title: Technical Service Representative

Figure 1 - Air Purge Valve



MATERIAL:
[]
PROPRIETARY AND CONFIDENTIAL
THE INFORMATION CONTAINED IN THIS DRAWING IS THE
SOLE PROPERTY OF SUPER PRODUCTS. ANY
REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE
WRITTEN PERMISSION OF SUPER PRODUCTS IS
PROHIBITED.

NAME	DATE
DRAWN BY: S. Iding	10/27/2017
ENG APPR. B. Mayer	10/31/2017
MFG APPR.	

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES ARE:
X.X ± 0.100
X.XX ± 0.060
X.XXX ± 0.080
ANGULAR: MACH ± 1° BEVD ± 2°
INTERPRET GEOMETRIC

 SUPER PRODUCTS TRUCK MOUNTED VACUUM EQUIPMENT	
TITLE: ASSY, PIPING, UNLOADER	
DWG. NO. 0032909	REV C
SIZE: B	SCALE: 1-8
WRIGHT	SHEET 1 OF 2

IMPORTANT EQUIPMENT MAINTENANCE SAFETY INSTRUCTIONS:

WARNING

To avoid death or serious injury from component failure, keep equipment in good operating condition by performing proper service, repairs, and maintenance.

Before Performing Service, Repairs & Maintenance on the Equipment:

- **Wear safety glasses, protective gloves**, and follow all **safety procedures** described in the product operator's manual when performing service, repairs, and maintenance on the equipment.
- **Securely place** the debris body, tailgate, and boom in lowered position or **securely block up** with support props.
- **Stope engine & PTO**, engage parking brake, lower implement, allow all moving parts to stop and **remove key** before dismounting from truck.
- Allow all **components to cool** before servicing or performing maintenance. **Avoid contact** with hot hydraulic oil tanks, pumps, motors, valves, and hose connection surfaces underneath equipment.

 **WARNING** Cancer and Reproductive Harm www.P65Warnings.ca.gov