Technical Support

Subject

WHASP Tank Shuttle Valve Operation

SYSTEM OR PARTS AFFECTED

- All WHASP Tanks.

OVERVIEW

Normal shuttle valve operation is critical to the blowdown procedure. Systems that fail to blowdown properly can lead to premature clutch failure.

BEFORE YOU START

Prior to commencing work, ensure all air is drained from the system and that the system has been allowed to cool down to a safe temperature.

TROUBLE SHOOTING

☐ Remove the caps from WHASP Tank (Figure 1).

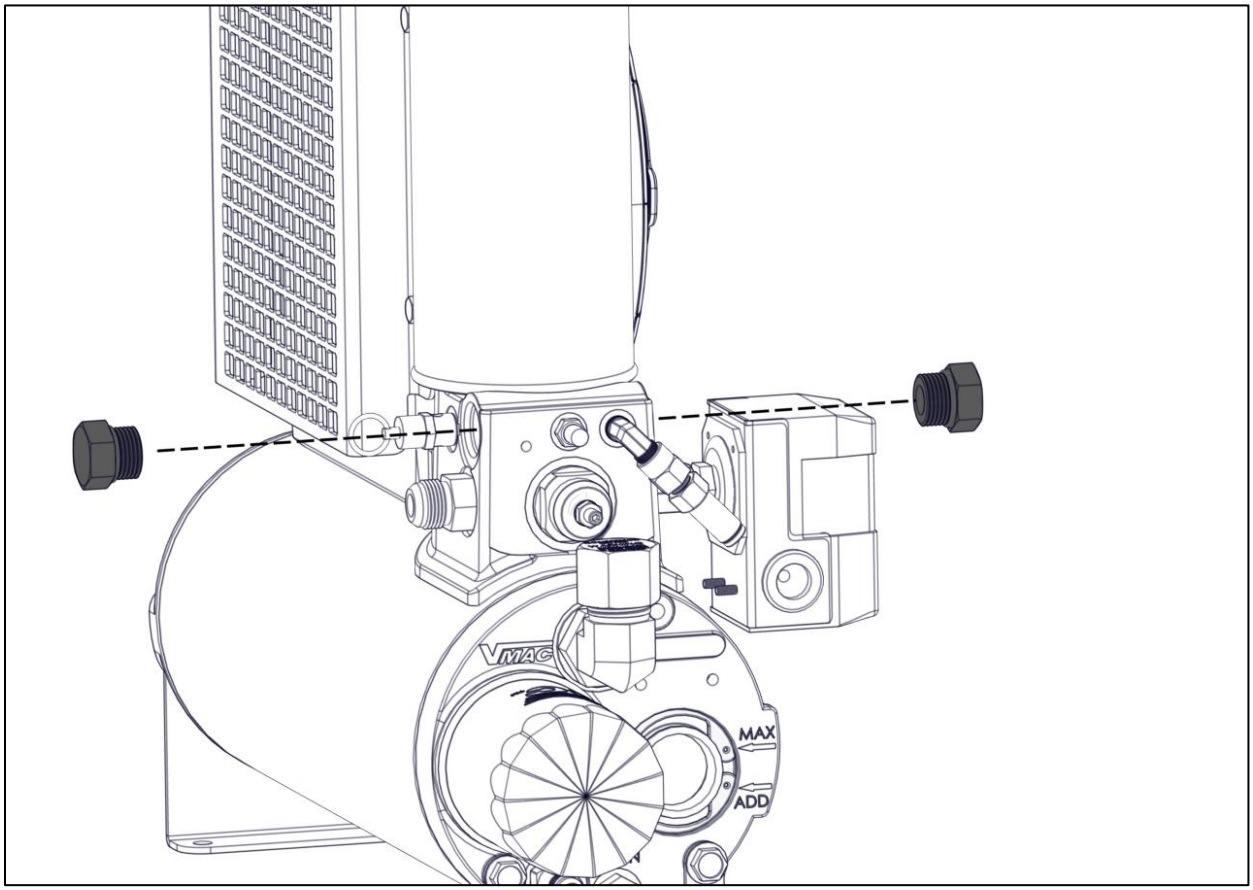

Figure 1 – Remove caps

Version	Document	Department	Revision Details	Author	Reviewed by		Implemented
					Tech.	Eng.	
B	EXT-ALL-027	Tech	Note added	BDJ	MSP	N/A	28 Jan. 2022

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☐ Slide the shuttle valve back and forth to the extent of its travel (approximately 1/8 in) (Figure 2).

NOTE ***In some cases there may be some initial resistance to overcome to get the shuttle valve moving but it should move with minimal effort once it is free.***

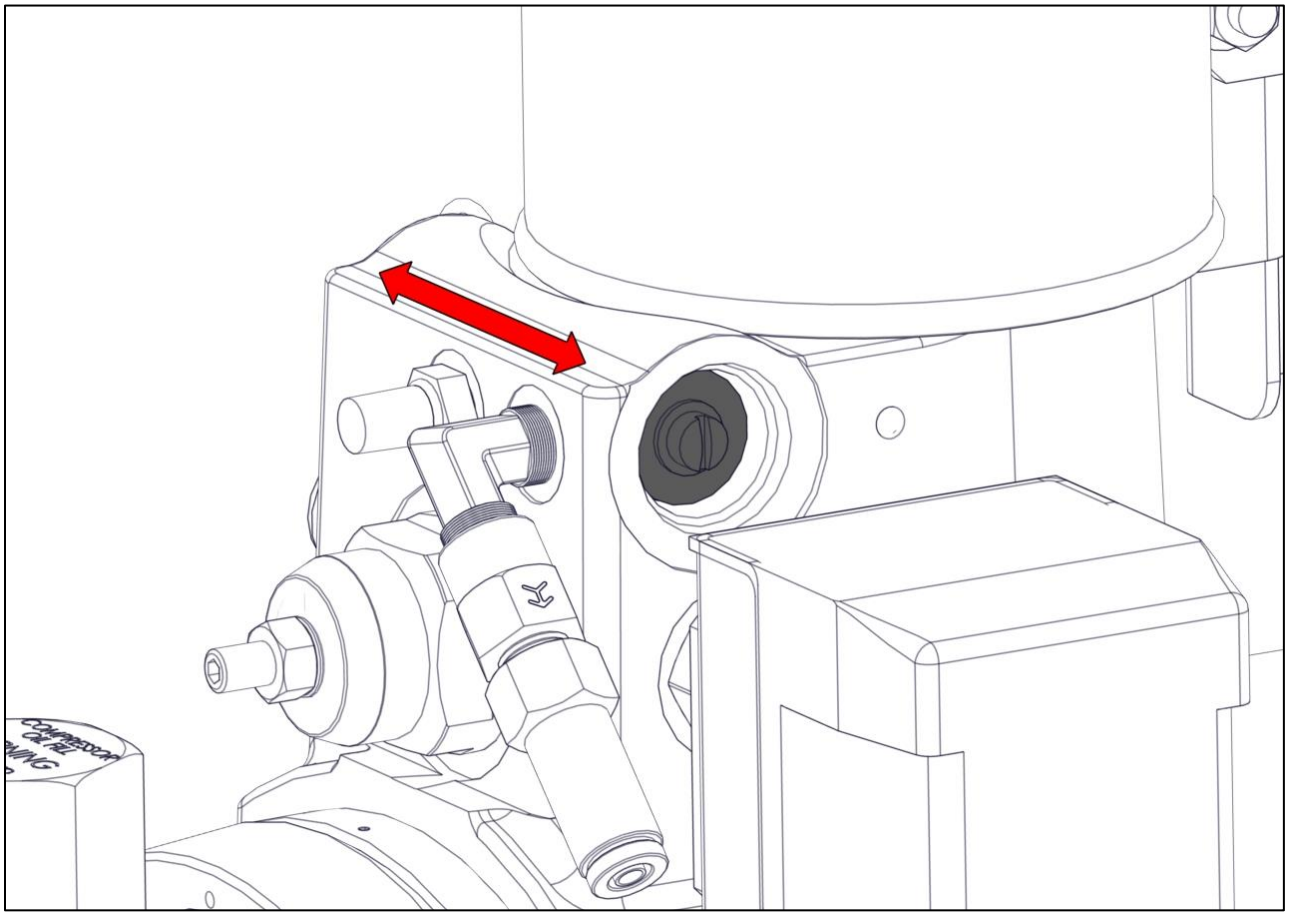

Figure 2 – Check shuttle valve for operation

☐ If the shuttle valve jams, or is rough during its travel, the WHASP tank should be replaced.

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