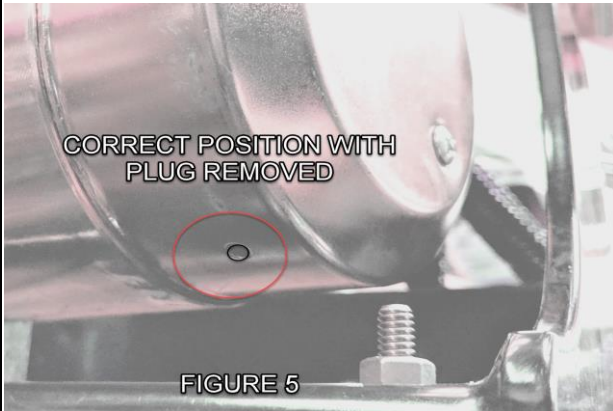




NUMBER	16TSB-85			TYPE	SERVICE ALERT		
ROUTING	INSTALL	X	SERVICE	X	SALES	PURCH	
TITLE	G2 HPU MOTOR DRAINAGE - DRAIN PLUG ORIENTATION						
REV	A			ISSUED	12/7/2018	REVISED	-
AFFECTS	ALL SNOWDOGG G2 PLOWS - HD2/EX2/VXF2/TE2						
INFORMATION	<p>The motor used on the SnowDogg HPU's has small plastic drain plugs that should be removed to allow drainage of any condensation or water that has entered from normal use. These drain plugs were oriented incorrectly at assembly. This can be corrected by removing the motor cap, removing the plug, and reinstalling the cap at 180 degree rotation from it's original location OR by adding a drain hole (if easier).</p> <p>If a plow is exhibiting "weak" behavior - it's possible that moisture is trapped in the housing causing corrosion/friction. Please correct the drain plug as shown below on any plows brought in for service. The motor service P/N is 16151200</p> <p>This should be also be checked on ALL NEW G2 SnowDogg plows at time of installation to prevent future service issues.</p>						
	<p>G2 PLOWS (1601X002) - HD2/EX2/VXF2/TE2</p> <p>This issue is addressed by ensuring that the motor drains properly. This can be done by drilling a hole, or by reorienting the motor cap. Either solution will address the issue.</p> <p>OPTION 1</p> <p>1. Drill a ~3/16" hole as low on the motor cap as possible. Protect the painted lift frame from damage due to the drill.</p>						

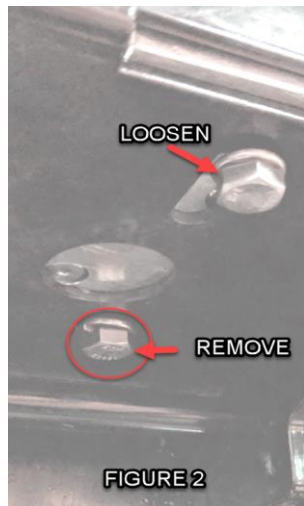
OPTION 2

1. Inspect the motor for cap orientation and plug removal as shown in FIGURE 1. If the cap and plug are correct - no further action is needed. This TSB is to address HPU's with the plugs as shown in FIGURE 3.



2. Remove the FRONT 3/8-16 screw securing the HPU to the frame (FIGURE 2) and loosen the REAR screw.
3. For XP and VXF - remove the screw through the back of the lift frame to the HPU (FIGURE 2A).
4. The HPU will be able to slide forward and rotate for access to the motor cap screws.

CORRECTION



5. Remove the screws and motor cap
6. Remove the plastic drain plug shown in FIGURE 4
7. Reinstall the cap with the open drain holes in the DOWN position as shown in FIGURE 1
8. Reposition the HPU and reinstall the 3/8-16 screws and access panels.

