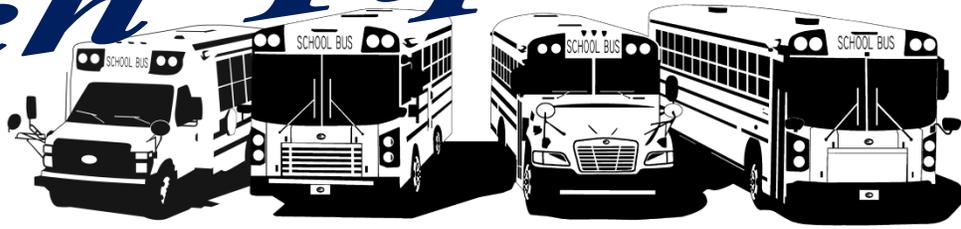


Tech Tip

FROM YOUR FRIENDS AT
NEW YORK BUS SALES!



BBCV P/S Foaming

- Complaint –** There appears to be a leak at the reservoir and it only seems to show up during colder temperatures
- Cause –** Blue Bird is working to determine the exact cause of the issue
- Correction –** While an exact cause has not been determined, and there may NOT be a common cause with all units, we believe that air entering the system may be causing a “foaming” effect which in turn causes that foam, or fluid, to leak from the fill cap of the reservoir. We believe that some of the issues may be below and ask that you check these items first-
- #1 – Kinked Hoses –** Figure #1 shows the possibility of a hose being “kinked”. This may go undetected as the hoses are wrapped in plastic loom and appear to be fine until in some cases when the loom is pulled back a kink can be seen.
- #2 – Loose Clamps –** Figure #2 shows the basic diagram of the P/S system, and it is believed that most likely the air infiltration would be coming from the blue hose which is the suction side of the pump, so the clamps (circled in yellow) should be checked closest as air through the suction side would create the most foaming.
- #3 – P/S Filter Contamination –** Figure #3 shows a cutaway of the reservoir, and within the reservoir there is a filter which we would recommend replacing annually with the fluid as indicated in Figure #4. The thought here is that the viscosity of the fluid being higher when cold coupled with any contamination of the filter causes will not allow the fluid to be returned to the pump fast enough causing the reservoir to fill too fast and foam.



Figure #1

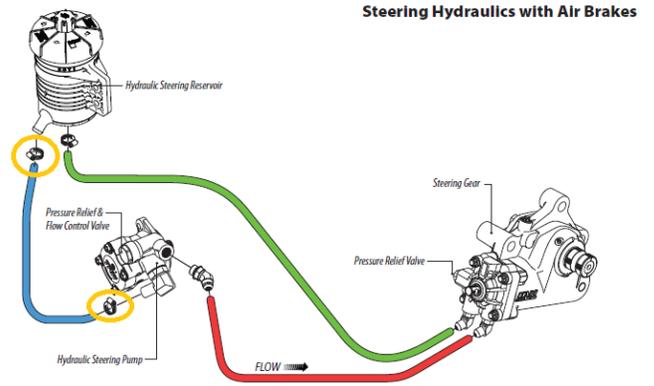


Figure #2

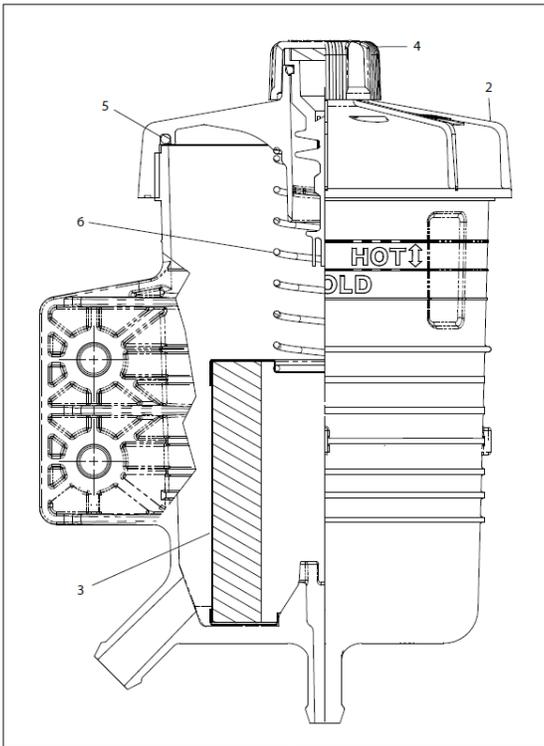


Figure #3

Every 12 Months or 24,000 Miles	
Brakes	
Clean Air Brakes System Pop Off Valves	
Steering	
Replace Hydraulic Reservoir Fluid	Dexron III. Replace more frequently in severe operating conditions. Replace filter if damaged.
Transmission	
Inspect Transmission Vent	Clear vent of debris or obstruction.

Figure #4



Contact Our Service Department With Any Questions

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