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PrecisionBalance - Applicator Pump Troubleshooting Guidelines

Proceed With Caution – Contents/Parts Under Extreme Pressure

Air Is Leaking Around the Housing

1. Disconnect applicator pump from air source and open ball valve to release pressure.
2. Remove the bowl container from the main (black/blue) housing.
3. Inspect O-ring; make sure O-ring is free from product, debris, nicks and cuts.
4. Replace O-ring if nicks and cuts are found.
5. Make sure that the O-ring is positioned properly.

Air Will Not Flow Through Applicator Pump

1. Verify air is turned on at the source.
2. Remove bowl container from the main housing and with the air hose connected to the housing turn the valve to the "on" position and make sure air is flowing through the valve. If no air, valve may need to be replaced.
3. Verify no debris is blocking the outlet port located inside the housing base.
4. Verify outlet hose and coupling is not blocked or plugged.

Outlet Hose Clogging During the Application Process

1. Valve core was not removed from valve stem prior to installation. Be certain that the entire valve core has been removed and that a portion of it has not broken off inside the valve stem.
2. Check/Remove obstructions in the valve or the clip-on air chuck.
3. **PrecisionBalance** product is being fed from the container into the outlet line too quickly.
4. Make sure air supply has proper pressure (95/120 psi).
5. If air pressure supply is too low; air pressure in tire may balance pressure with air supply and cause the product to stop flowing into the tire.

If Outlet Hose of Applicator Pump Becomes Clogged

1. Turn air off at the valve on applicator pump.
2. Disconnect air supply from applicator pump.
3. DO NOT REMOVE OUTLET HOSE FROM VALVE STEM.
4. With air hose removed from the applicator pump, open valve on the applicator pump allowing air pressure from tire to push the **PrecisionBalance** product back into the applicator pump container.
5. Once product has been cleared from the outlet hose, begin again installing the product. Be certain not to feed the **PrecisionBalance** product too quickly into the outlet hose; refer to point #10 on the **PrecisionBalance** Applicator Pump Instructions.

Causes of air leaks from valve stem after **PrecisionBalance** has been installed.

1. Make sure the valve core is tight; torque spec is 4 inch pounds – do not over tighten.
2. Extended/Long valve core is bent or not seated properly. Remove, inspect and replace valve core if needed.
3. If valve core will not thread properly into the valve stem or seem tight – remove core and use a proper size 4-way tool to clean threads in valve stem and replace core.
4. If air leak is detected during air pressure check, follow the above recommendation.