

Technote 19002

Hydraulic belt won't run, PWM valve installed

04 Apr 2019

Symptoms

Belt won't run

Belt moves briefly then stops

Notes

Possible hydraulic lock at the hose couplers, due to stiff coupler poppets

- Unplug the hoses from the tractor, plug them back in
- Flick the tractor hydraulic lever forward and backwards, to help seat the hose couplings
- Remove the check valve at the hydraulic couplers (do not run the belt backwards)
- Replace the hose couplers

Possible debris in the lines or hydraulic valve

- Locate the PWM valve mounted to the belt motor
- Remove the PWM solenoid, remove the hydraulic spool
- Inspect the spool for debris, swarf or plastic pieces
- Remove any debris and retest