

# ***SERVICE INFORMATION BULLETIN***

---

**DATE:** July 2013 (Rev. A)

**SUBJECT:** Pulse Pump Hose Line Routing Inspection

**MODELS AFFECTED:** EcoGen Model 5818-1 Serial Numbers 7995894 to 8176897

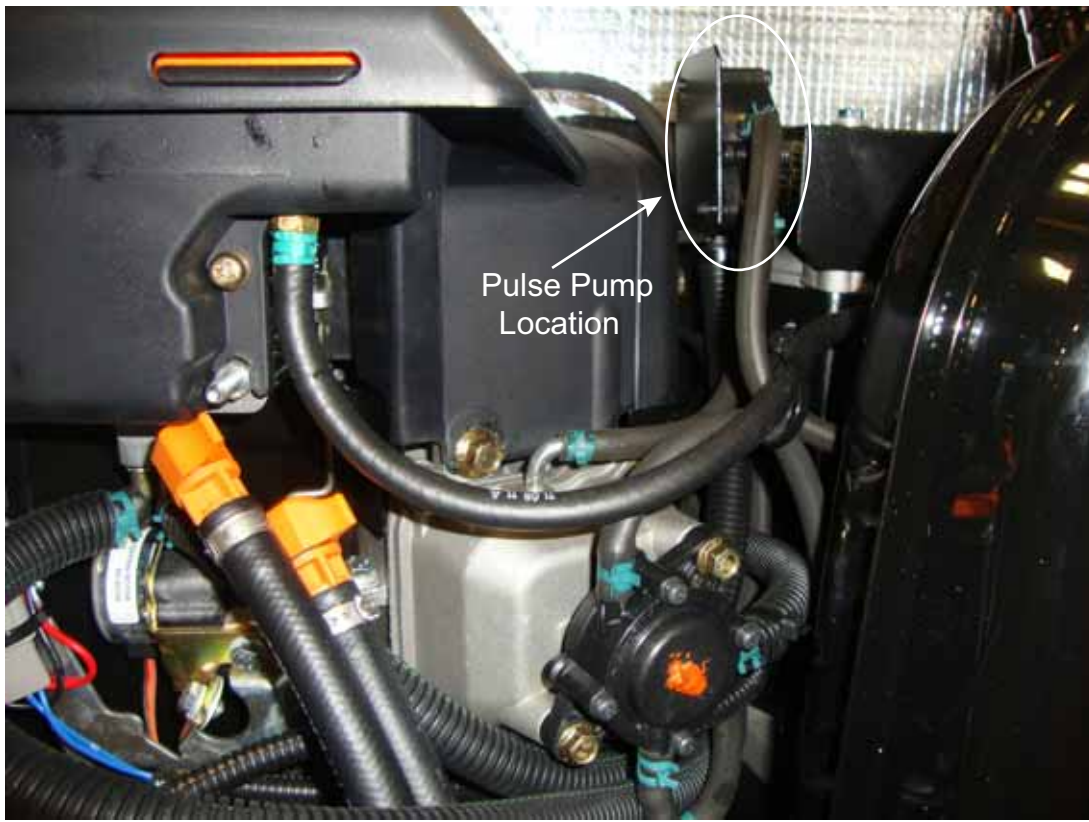
**WARRANTY:** Warranty will cover 1/2 hour for the diagnostics and to perform the repair. If the hoses are routed correctly, a Trip Charge will be covered.

**PROBLEM:** It is possible that the hoses are connected incorrectly. This can cause the crankcase to fill with excessive amounts of oil.

**CORRECTIVE ACTION:** Inspect for marking (Yellow X) indicating that the unit was already corrected. Inspect for proper hose routing and repair, if required. Follow the procedures below if corrective routing is necessary.

## **PROCEDURE**

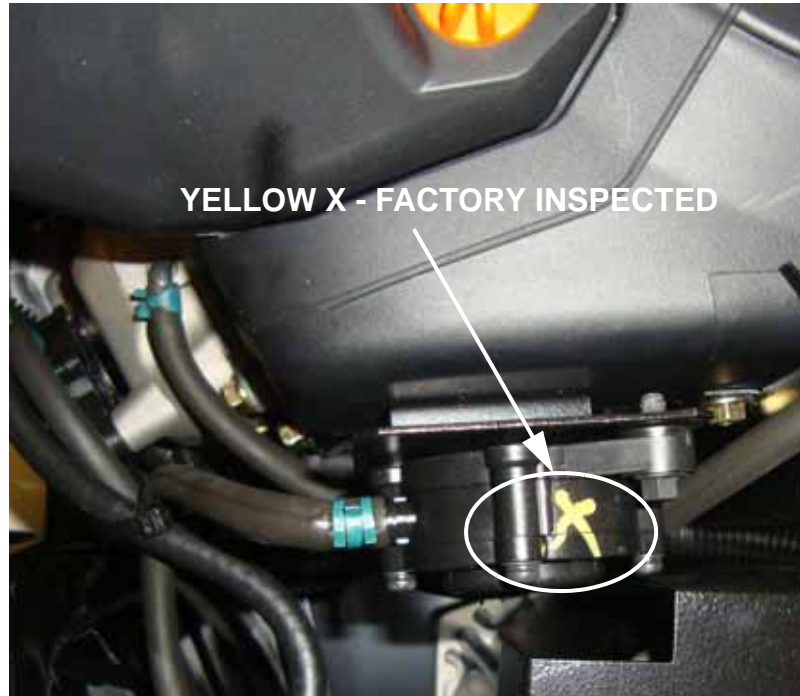
1. Before beginning the procedure, refer to the owner's manual for all warnings and cautions. Remove the 7.5 Amp fuse and disconnect the battery.
2. Locate the pulse pump. See Figure 1.



***Figure 1. Pulse Pump Location***

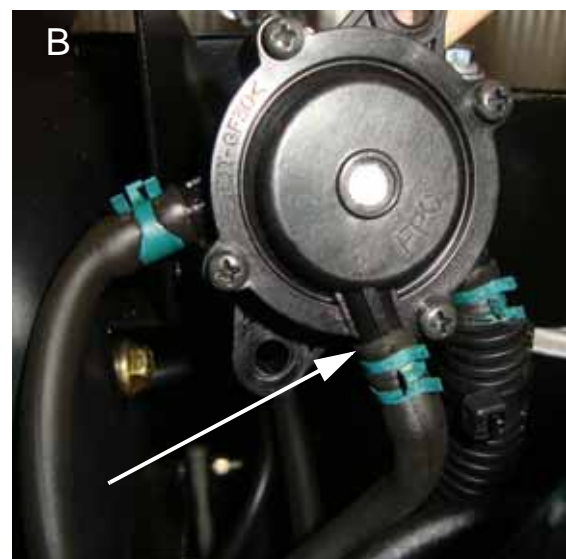
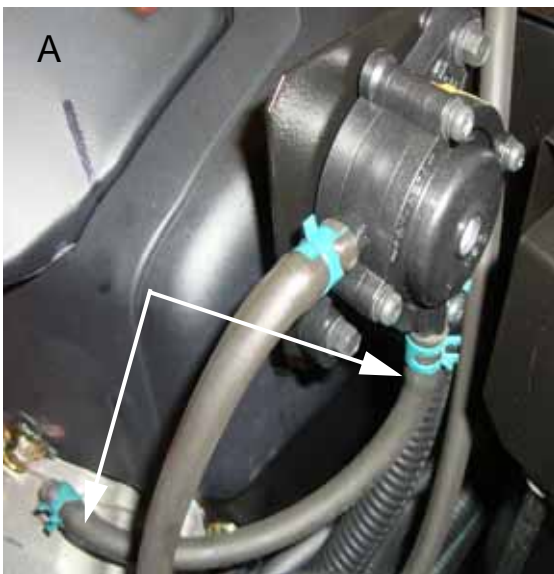
---

3. If the top of the pulse pump has a yellow X, it has been factory inspected and all hoses have been routed correctly. No action required. See Figure 2.



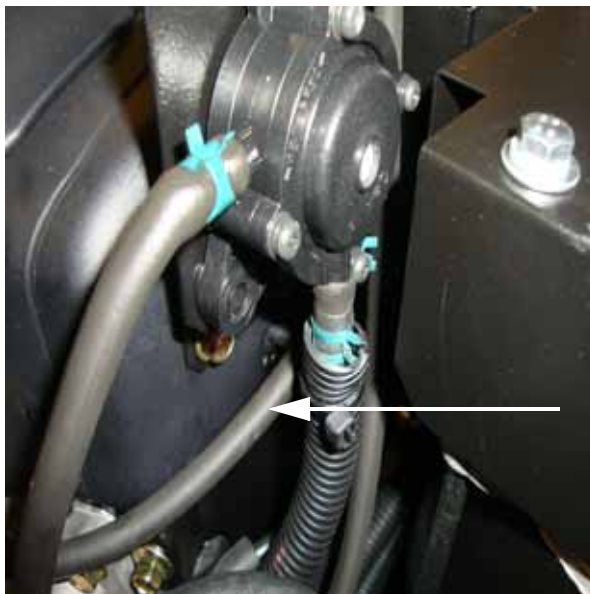
**Figure 2. Yellow X - Pump is OK**

4. If there is no yellow X, inspect to see if the hose routing is correct or not. Figures 3 A&B show the CORRECT routing of pulse hose at the pulse pump.



**Figure 3. A&B Pulse Hose Routed CORRECTLY to P port**

5. See Figure 4. Pulse Hose is routed INCORRECTLY.  
Change the locations of the hoses at the pulse pump fittings as shown in Figure 3.
6. Reconnect battery cables, positive (+) red first. Install the 7.5 Amp fuse.



**Figure 4. Pulse Hose Routed INCORRECTLY**

---

Internal Use Only - Not For Distribution

**GENERAC**