



**MICRO-TRAK**<sup>®</sup>  
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## Service Bulletin

**Bulletin #: 13-01**

**Date: 5/10/13**

**Distribution: All dealers & distributors**

**Applies to: P/N 13273, Cable - NH3 Flow/Servo/Shutoff**

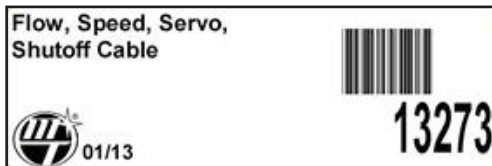
**Serial Numbers: Date code 01/13**

### Issue:

P/N 13273 cables manufactured with date code 01/13 are missing an internal connection to send 12VDC power to the flow sensor.

This cable is used in the following NH3 Liquifier Kits:

- SprayMate™ II
- MT-NH3™ II
- MT-3405D™
- MT-3405F™ II
- Raven DirectConnect™ harness kits.



Affected date code on product label

### Symptom:

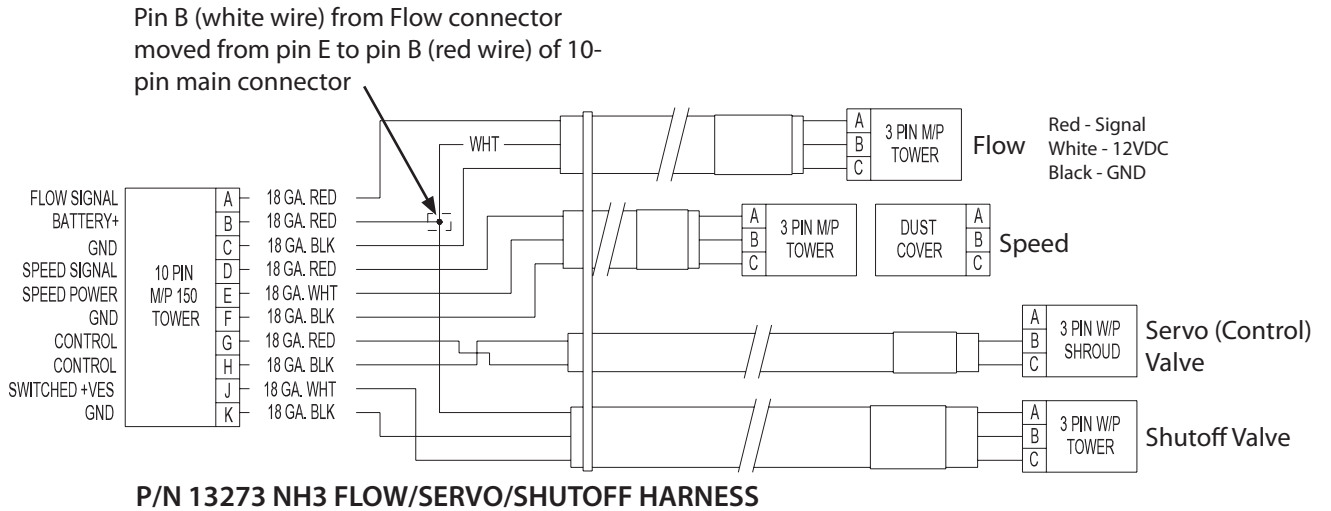
System will show a no flow reading. An error message may read "No Flo/ESTOP" (ESTOP = Emergency Stop).

### Cause:

This cable design powers the flow sensor from the pin that also powers an optional remote speed sensor. This speed sensor connection is not energized when used with Raven DirectConnect kits. For Micro-Trak® NH3 systems, the connection is not energized unless the remote speed harness connection is made at the console end of the harness.

**Solution:**

Power tap for flow sensor is moved from pin E to pin B of the 13273 10-pin connector.



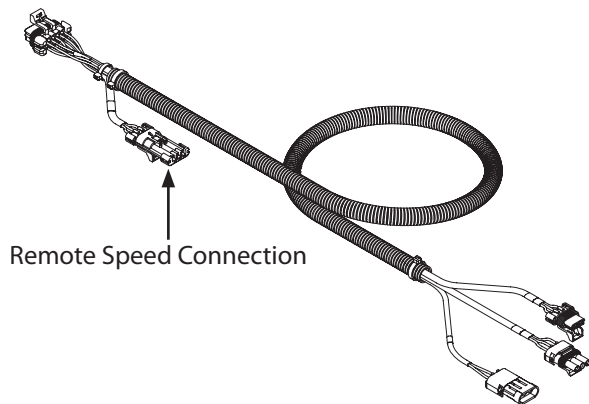
**Raven DirectConnect™ systems -**

- Contact Micro-Trak® Systems for a replacement harness.

**Micro-Trak NH3 control systems -**

Using NH3 cable with remote speed option on cable end nearest controller.

- If practical, connect the remote speed connection at the console and connect the speed sensor (typically Astro series GPS) to the NH3 panel 13273 cable. This will route power to the 13273 speed connection and power the flow sensor.



Or

- Contact Micro-Trak Systems for a replacement harness.