



Last updated: October 19, 2017

The Digital Fleet platform allows trucks to auto status “Begin Pour” and “End Pour” using a PTO switch. The purpose of this document is to help you understand how to take advantage of this feature. High level, there are two steps, the hardware installation connecting the PTO switch to the modem and a software configuration to enable this feature for your trucks on the platform.

Hardware Installation

The PTO switch will need to be connected to GenX modem. The modem has several colored wires from the power connector that we will want to take advantage of.

	<h3 style="text-align: center;">GNX-5P (GPRS) Wiring Schematic</h3> <p style="text-align: center;">Applies to HW 64x only</p>
<p>Modem</p>	<p>Wiring Schematic</p>

Looking at the schematic, we are interested in Switch 1 (SW1). The PTO has to be wired to Switch 1. This will allow our platform to receive a message any time the PTO is on or off.

Internal note: we receive a message of id 20 when Switch 1 signals on and we have that mapped to Begin Pour, we receive id 24 when Switch 1 signals off and we have that mapped to End Pour.

Software Configuration

Once you have the hardware wiring complete, Digital Fleet staff will then need to configure and enable your trucks to take advantage of this feature.

This configuration can be done for one, multiple or all truck classes. We can also configure if you want Begin Pour, End Pour or both statuses.

- **Begin Pour**
 - This is relatively straightforward. Once configured, the first time the PTO is on, the truck will change status to Begin Pour.
- **End Pour**
 - Is more complicated as some jobs may start and stop pouring multiple times.
 - If configured to automatically change status to End Pour based on PTO off, can see your truck status change from Begin Pour to End Pour multiple times as the PTO is turned on/off.
 - Many people choose to not configure End Pour status based on PTO due to this. Reasons:
 - End Pour will automatically be triggered based on GPS movement (if there has not been a recent Begin Pour)
 - End Pour can always be manually triggered by the driver
 - Trucks leaving a job site geofence will automatically update status

The PTO Engage Report

There is a PTO Engage report that will show you per Truck, the time the PTO was engaged, where it was engaged, how long it was engaged, along with the PTO off timestamp.

The Truck Status Report

Depending on your configuration, you will see Begin Pour and/or End Pour statuses in this report.

Please reach out to us at support@digitalfleet.com or 630.518.4606 to let us know you are ready to use this feature. We suggest you start with one truck and get familiar with the functionality before rolling it out fleet wide.