# ASSET TRACKER

## EXTENSION/PTO

### OVERVIEW

An extension/PTO is an add-on to an asset that enhances the functionality of the main asset. The asset tracker provided by Azuga can determine the utilization of extensions along with the engine hours for the main asset tracker. A maximum of two extensions can be tracked with a single asset tracker.
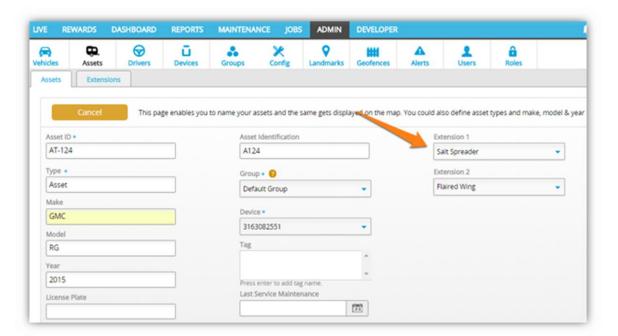
For example, a fleet has snow removal trucks wherein the asset tracker is connected to the engine. The snow removal plough and salt spreaders are connected as extensions to the asset tracker. With this setup, engine hours from the truck, duration of usage of the plough and the salt spreader can be measured and reported in real-time.

> ℹ️ **Note:** To track the utilization of the asset and extensions, activate the Engine Hours add-on package on your account. To subscribe to this package, please contact customercare@azuga.com.

### WIRING INSTRUCTIONS

1. Connect the ignition input (white wire) of the asset the vehicle ignition or another appropriate key operated line, ensuring that power to the ignition wire is available only when the vehicle ignition is on.

2. Connect one of the extension/PTO to the blue wire and the other to the orange wire of the asset.

3. Map the extension and asset through the Azuga web portal. See the steps below:

   a. Go to **Admin** > **Assets** > **Extensions**.

   b. Click **Add Extension** and fill out the form with relevant information.

   c. Save the form and go to **Admin** > **Assets** > **Assets**.

   d. Click the pencil icon of the asset to which you want to map the extensions.

   e. Select the extension from the **Extension 1** or **Extension 2** drop-down.

   f. Click **Update** to save the details.

After performing these steps and the device starts tracking, you can check the **Utilization Report** on the app to get the engine hours information.

The report has three drill downs, starting with a summary followed by day wise usage and ending with event-based usage.

**To generate a Utilization report:**

1.  Go to **Reports** > **Utilization**, on the Azuga web portal.

2.  Using the date picker, select the **From** and **To** dates.

3.  Select the groups/assets for which the report is to be generated.

4.  Select any **Tags**, if applicable. (This filter will be present only if the Tags package is activated on your account.)

5.  Click **Generate Report**.



| ASSET | ENGINE CYCLE COUNT | DURATION | EXTENSION 1 COUNT | EXTENSION 1 DURATION | EXTENSION 2 COUNT | EXTENSION 2 DURATION | GROUP |
|---|---|---|---|---|---|---|---|
| BH007 | 1 | 12s | 0 | 0s | 0 | 0s | EX - Excavator |
| BH010 | 2 | 27m 27s | 0 | 0s | 0 | 0s | EX - Excavator |
| EX005 | 113 | 9d 16h 17m 26s | 0 | 0s | 0 | 0s | EX - Excavator |
| EX008 | 20 | 12d 7h 10m 35s | 0 | 0s | 0 | 0s | EX - Excavator |
| EX009 | 91 | 6d 39m 17s | 0 | 0s | 0 | 0s | EX - Excavator |
| EX011 | 155 | 4d 2h 8m 58s | 0 | 0s | 0 | 0s | EX - Excavator |
| EX012 | 51 | 5h 48m 42s | 0 | 0s | 0 | 0s | EX - Excavator |
| EX015 | 51 | 2d 11h 19m 11s | 0 | 0s | 0 | 0s | EX - Excavator |
| EX023 | 29 | 2h 44m 14s | 0 | 0s | 0 | 0s | EX - Excavator |
| EX024 | 115 | 3d 15h 9m 50s | 0 | 0s | 0 | 0s | EX - Excavator |
| EX025 | 2 | 14m 27s | 0 | 0s | 0 | 0s | EX - Excavator |
| EX026 | 41 | 11h 22m 33s | 0 | 0s | 0 | 0s | EX - Excavator |
| EX029 | 63 | 15h 48m 59s | 0 | 0s | 0 | 0s | EX - Excavator |