

Purpose

When an asset (vehicle or plant) has an odometer/hour reader replaced and the readings need to be reset to 0 an offset is applied. By applying an offset you align the readings to what is visually shown and keep the asset on the servicing schedule.

In Gearbox, there are two (2) different offset fields - Mileage and Hours.

The screenshot shows the Gearbox settings interface with the 'Configuration' tab selected. The interface is divided into three main sections: Dimensions, Configuration, and Custom Fields. The 'Configuration' section contains several fields, with 'Mileage offset' and 'Hours offset' highlighted by a red box. The 'Mileage offset' field is currently set to 0.0. The 'Hours offset' field is currently empty. Other fields in the 'Configuration' section include Fuel Type, Fuel Credit Category, Adblue percent (0.0), Prestart Checklist (Plant Telematic Integrated), and Attached Assets/Trailers. The 'Dimensions' section includes fields for GCM, GVM, TARE, ATM, Length (0.0), Height (0.0), Width (0.0), Volume (0.0), and Pallets (0.0). The 'Custom Fields' section includes Spare Fields 7 through 18 and a Notes field.

Configuring Offset

Scenario: Truck 'Big Red' (FEN41R) has reached 350,000 Kms and 5,700 hours and both odometer and hour meter need to be replaced. An offset will need to be set for both Big Red's odometer and hour readings.

Type	Fleet #	Registration	Last Mileage Reading	Last Hour Reading	Add Reading
	Big Red	FEN41R	0350000 9 days ago	0005700 9 days ago	<input type="button" value="+"/>

Go to **Maintenance** (1) > **Vehicles** (2) > **select asset** (3)

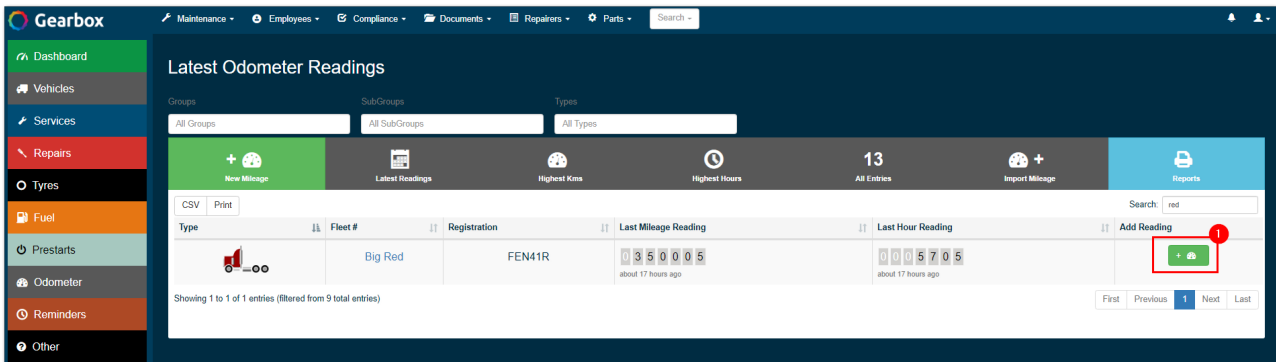
The screenshot shows the Gearbox software interface. The 'Maintenance' menu item is highlighted with a red circle and the number 1. The 'Vehicles' menu item is highlighted with a red circle and the number 2. A red box highlights a row in the 'Current Assets' table, which is labeled with a red circle and the number 3. The row contains the following information: Type: , Fleet #: Big Red, Registration: FEN41R, Make / Model / Type: Truck, VIN / Chassis # / Build Date: (empty), ETAG: (empty), Registration Due COF/WOF Date: 29/08/2019.

In the Vehicle **Settings** tab (1) enter the **Mileage offset** field (2) enter 350000, in the **Hours offset** field (3) enter 5700 then click **Save and close** (4) to save configurations.

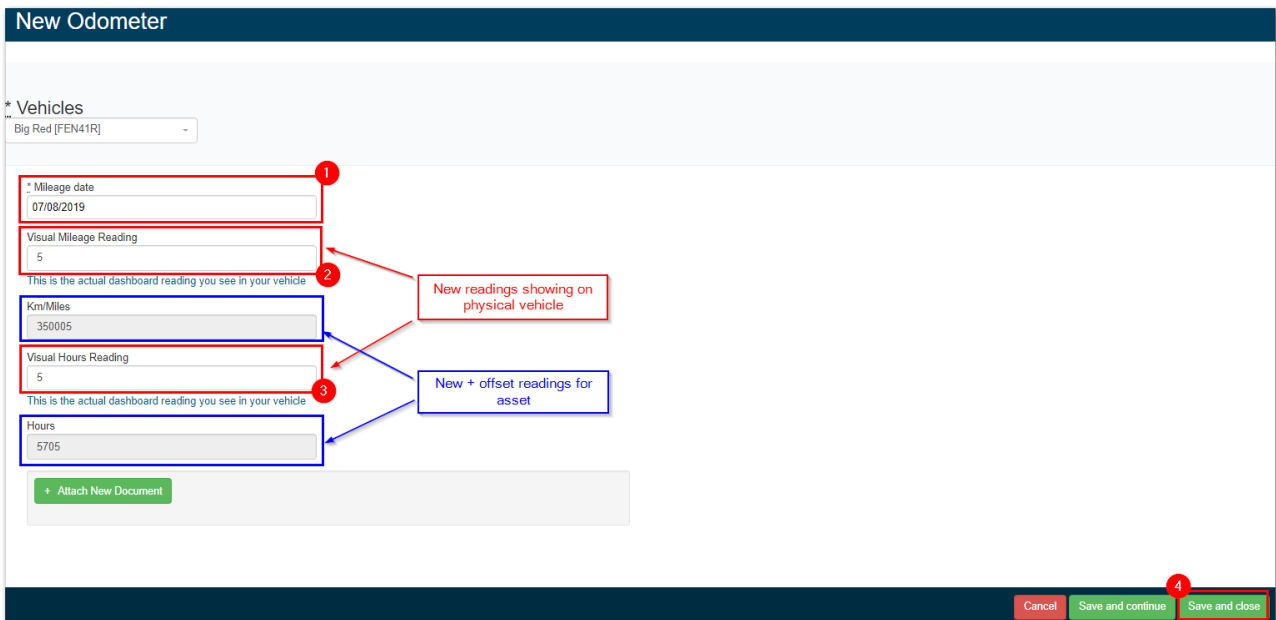
The screenshot shows the 'Big Red [FEN41R] Truck' settings page. The 'Settings' tab is selected with a red circle and the number 1. The 'Mileage offset' field (2) contains the value 350000.0. The 'Hours offset' field (3) contains the value 5700.0. The 'Save and close' button at the bottom right is highlighted with a red circle and the number 4.

Entering new mileage/hour reading

For example, Big Red has a new odometer and hour reader both starting at 5km and 5 hours. To set new reading base reading go to Latest Odometer Readings page click on **Add Reading (1)**.



First, enter **Mileage date (1)** followed by **Visual Mileage Reading (2)** and/or **Visual Hours Reading (3)** then click **Save and close (4)**





By default, Gearbox will show the offset + visual reading within Service Due By Km/Hours. To show the reading on the asset follow steps below.

Click on the **User icon** (1), then click **Settings** (2), within Business Setting scroll down to **DISPLAY_VISUAL_READING** (3) and replace FALSE with **TRUE**.



Click on System Parameters to reveal settings.



DISPLAY_RISK_MATRIX_ON_INSPECTION	FALSE	Set this to TRUE to Display the Risk Matrix on Inspection Jobcards
DISPLAY_SERVICE_ALIAS	TRUE	Displays the Service Alias on a Service JobCard
DISPLAY_SERVICE_PARTS	TRUE	Displays the parts selected in a service on a Service JobCard
DISPLAY_SERVICE_TYPE	TRUE	Displays the Service Type (A B C D or E) on a Service Jobcard
DISPLAY_SIGNOFF_ON_MAINTENANCE_HISTORY	TRUE	Set this to FALSE to remove the signoff fields from the History (Summary) reports
DISPLAY_TYRE_PARTS	FALSE	Displays the parts selected in a service on a Tyres JobCard
DISPLAY_VEHICLE_REMINDERS_ON_JOBCARD	TRUE	Set to TRUE to display Vehicle Reminders on Service Jobcards
DISPLAY_VISUAL_READING	FALSE	Display a vehicles visual reading on the service due screens
EMPLOYEE_SPARE01	Spare Field 1	Label for Employee Field #1
EMPLOYEE_SPARE02	Spare Field 2	Label for Employee Field #2
EMPLOYEE_SPARE03	Spare Field 3	Label for Employee Field #3
EMPLOYEE_SPARE04	Spare Field 4	Label for Employee Field #4
FLEET_NUM_LABEL	Fleet #	Changes the label of the fleet number in Gearbox, this also affects reports
HIDE_HOUR_WARNINGS	FALSE	Toggle to hide warnings for excessive or irregular hour readings

True = Visual reading
False = Offset + Visual reading

Due by Km/Miles - Before

Services Due Km/Miles

Groups: All Groups | SubGroups: All SubGroups | Types: All Types

[New Service](#) | [New / Open](#) | [Schedule](#) | [Due by Kms](#) | [Due by Hours](#) | [Due by Days](#) | [Closed](#) | [Import](#) | [Reports](#)

CSV | Print | Search: big re

Type	Fleet #	Registration	Odometer	Since Last	A	B	C	D	E	Service
	Big Red	FEN41R	0350005	350005	10,000	20,000	100,000			

Showing 1 to 1 of 1 entries (filtered from 9 total entries)

First | Previous | 1 | Next | Last

Due by Hours - Before

Services Due Hours

Groups: All Groups | SubGroups: All SubGroups | Types: All Types

[New Service](#) | [New / Open](#) | [Schedule](#) | [Due by Kms](#) | [Due by Hours](#) | [Due by Days](#) | [Closed](#) | [Import](#) | [Reports](#)

CSV | Print | Search: big

Type	Fleet #	Registration	HourMeter	Since Last	A	B	C	D	E	Service
	Big Red	FEN41R	0005705	5705						

Showing 1 to 1 of 1 entries (filtered from 9 total entries)

First | Previous | 1 | Next | Last

Due by Kms / Miles

Files - After

Services Due Km/Miles

Groups: All Groups | SubGroups: All SubGroups | Types: All Types

[New Service](#) | [New / Open](#) | [Schedule](#) | [Due by Kms](#) | [Due by Hours](#) | [Due by Days](#) | [Closed](#) | [Import](#) | [Reports](#)

CSV | Print | Search: big re

Type	Fleet #	Registration	Odometer	Since Last	A	B	C	D	E	Service
	Big Red	FEN41R	0000005	350005	5	5	5			

Showing 1 to 1 of 1 entries (filtered from 9 total entries)

First | Previous | 1 | Next | Last

Indicates visual reading

Due by Hours - After

The screenshot displays a software interface for managing fleet services. At the top, there are filters for 'Groups', 'SubGroups', and 'Types', all set to 'All'. Below these are navigation buttons: 'New Service', 'New / Open', 'Schedule', 'Due by Kms', 'Due by Hours', 'Due by Days', 'Closed', 'Import', and 'Reports'. The 'Due by Hours' button is highlighted. A search bar contains 'big re'. The main table lists service entries with columns for 'Type', 'Fleet #', 'Registration', 'Odometer', 'Since Last', and service categories 'A', 'B', 'C', 'D', 'E'. The first entry is for 'Big Red' with registration 'FEN41R' and an odometer reading of '350005'. A red box highlights the odometer digits, and a callout box points to it with the text 'Indicates visual reading'. The table also shows service due dates for categories A, B, and C, all set to '5'. The interface indicates 'Showing 1 to 1 of 1 entries (filtered from 9 total entries)' and includes pagination controls.

Type	Fleet #	Registration	Odometer	Since Last	A	B	C	D	E	Service
	Big Red	FEN41R	000005	350005	5	5	5			

If you require further assistance, please contact [Gearbox Support](#).