Data Set

Geotab Integrated Solution for Ford Vehicles

Data Attribute	Name in MyGeotab UI	Device Plan: Ford Premium (most data reported every 30 seconds)
Ignition Status *	Ignition *	✔
GPS Location (lat, long)	GPS Coordinates	✔
Odometer (from ECM)	Odometer	✔
Tire Pressure - Front Left	Tire pressure - front left	✔
Tire Pressure - Front Right	Tire pressure - front right	✔
Tire Pressure - Rear Left	Tire pressure - rear left	✔
Tire Pressure - Rear Right	Tire pressure - rear right	✔
Accident Event (Fault) *	ALERT: Accident limit for acceleration exceeded	✔
ABS Active Status	Generic ABS active	✔
Acceleration (m/s^2) *	Acceleration forward or braking *	✔
Acceleration side (m/s^2) *	Acceleration side to side *	✔
Acceleration Pedal Position	Accelerator pedal position	✔
Battery Voltage	Telematics device voltage	✔
Brake Pedal Status	Brake pedal on	✔
Engine Coolant Temperature	Engine coolant temperature	✔
Engine Speed (RPM)	Engine speed	✔
Engine Oil Temperature *	Engine oil temperature *	✔
Fuel Level Remaining	Fuel level (percentage)	✔
Total Fuel Used (Beta)	Total fuel used (since telematics device install)	✔
Total Idle Fuel Used (Beta)	Total fuel used while idling (since telematics device install)	✔
Gear Lever Position *	Gear position *	✔
GPS Speed (Speed)	Engine road speed	✔

GEOTAB
management by measurement

Oil Life Remaining (Percentage)	Engine oil life remaining	✔
Passenger Occupancy Status	Passenger occupancy	✔
Seatbelt Status - Passenger *	Passenger seatbelt violation *	✔
Seatbelt Status - Driver *	Driver seat belt *	✔
Total Engine Time *	Engine operational time *	✔
Total Engine Idle Time *	Total engine idle time *	✔
Traction Control Status *	Traction control system enabled *	✔
Misc - Faults / DTCs	Corresponding Fault Code / DTC	✔
Check Engine Light	Fault: General vehicle warning light is on	✔

*Data reporting varies. Please refer to the Data description section below.

Data Description

Accident Event

Reported if any of the below conditions is met:
- The reported acceleration exceeds 2.6G
- Ford detects an accident via vehicle sensors

Acceleration

- Forward acceleration (Hard Acceleration): Reported every 30 seconds and also when acceleration remains above 0.41G (4 m/s^2) for 2 seconds
- Backward acceleration (Harsh Braking): Reported every 30 seconds and also when acceleration remains below -0.31G (3 m/s^2) for 2 seconds
- Side to side acceleration (Harsh Cornering): Reported every 30 seconds and also accompanied when harsh braking or acceleration event occurs

ABS Active Status

- 0 - Off
- 1 - On

Brake Pedal Status

- 0 - Off
- 1 - On

Gear Lever Position

This data point is available only on vehicles with automatic transmission.

- Negative Numbers - REVERSE Gears
- Positive Numbers - FORWARD Gears
- 0 - NEUTRAL

- 126 - PARK
- 127 - DRIVE
- Reported on gear changes (event basis)

Engine Oil Temperature

This data point is available only on select vehicles fitted with an engine oil temperature sensor

Ignition Status

- 0 - Off
- 1 - On
- Reported only when the ignition state changes (event basis)

Passenger Occupancy Status

- 0 - Unoccupied
- 1 - Occupied

Road Speed

- Reported every 30 seconds
- Also reported whenever vehicle speed is greater than 137kph for 10s or more

Seatbelt Status

- 0 - Buckled
- 1 - Unbuckled
- Reported every 30 seconds and also when the seatbelt is unbuckled when vehicle has been moving at 5 kmph for 3 seconds

Traction Control Status

- 0 - Off
- 1 - On

Total Engine Time / Total Engine Idle Time / Traction Control Status

- Data reported on occurrence of ignition off and only on select Trucks / Commercial models:

Model
F-150, F-250, F-350, F-450
F-550, F-650, F-750
Explorer U625 S2 Police
Fusion CD391N M2 Police
Continental D544 M3.1 Livery

Frequently Asked Questions