



Rolls-Royce CarData Telematics Data Catalogue

The Rolls-Royce CarData Telematics Data Catalogue provides you with an explanation of the telematics data that your motor car regularly sends to Rolls-Royce as part of the Rolls-Royce Teleservice service. This includes vehicle metrics and measurements generated by sensors in your motor car, such as the mileage and check control messages.

The telematics data has been divided into the following categories: 'Vehicle status data', 'Usage-based data', and 'Events-related data' for easy reference. The below list details all available data elements, however please note that the quantity and type of telematics data transmitted by each motor car will vary, depending on the vehicle and drive type, the model, the model year and special accessories.

Data on the status of a motor car

CarData Element	Description
Availability of teleservices ¹	This value indicates whether teleservices are available for this motor car.
Battery voltage ¹	The value indicates the current battery voltage in the motor car's electrical system. This value is always given in volt, e.g. 14.4 V.
Check control messages ¹	Check control monitors functions in the motor car and notifies the user when there is a fault in the monitored system. A check control message is displayed as a combination of indicator lights or warning lights and text messages on the dashboard, and on the head-up display, if applicable.
Condition Based Service ¹	Sensors and special algorithms take into account the operating conditions of the motor car. CBS uses this to determine the required service. The system hereby adapts the scope of the service to the individual usage profile.
Coolant temperature ¹	The value indicates the current coolant temperature in degrees centigrade at the time of data collection.
Date and time in motor car ²	These values indicate the time shown in the motor car at the time of recording the data.
Date of next inspection ¹	This value indicates when the next inspection is due. A date will be shown respectively, for example 30.09.2018 23:00 UTC
Date of next service ¹	This value specifies when the next service is due.
Display unit of instrument panel in motor car ¹	This value indicates the units (kilometres or miles) in which distances are indicated on the motor car instrument panel.
Distance threshold for service information ¹	The static value indicated is stored in the motor car and indicates the first time that the customer receives a mileage-related message to inform him that the motor car will soon be due for a service. It is given in kilometres (for example 2000).
Distance to navigation destination ²	This value indicates the distance to the active navigation destination in kilometres at the time of data collection. The values range from 0 to 100000.

CarData Element	Description
Distance to the next service ¹	This value indicates how many kilometres remain before the next service at the time of recording the data.
Door status ²	This value indicates the status of the doors, but is only sporadically recorded and transmitted.
Environmental temperature ¹	This value indicates the environmental temperature in degrees centigrade at the time of data collection, e.g.16.5°C. The value always corresponds to the one also displayed in the motor car.
Low-voltage battery ²	This value indicates the current charging status of the low-voltage battery in percent at the time of data collection.
Mileage data statistics ²	The value indicates the current mileage at the time of data collection. This value is redundant and is only determined when the regular mileage is not available on the speedometer. The values range from 0 to 100000.
Mileage ^{1,2}	The value indicates the current mileage at the time of data collection.
Mobile phone connection ²	This value indicates whether a mobile phone was linked to the motor car at the time of data collection or whether the connection status is unknown.
Motion status of the motor car ²	This value indicates whether the motor car was in motion at the time of data collection.
Navigation destination ²	This value indicates the coordinates of the active navigation destination at the time of data collection.
Number of CBS reports ¹	This value indicates the number of important service reports and pending service appointments. Note: Not all Condition Based service messages that occur in the motor car are also transferred.
Orientation of the motor car ²	This value indicates the orientation of the motor car in degrees at the time of data collection. If the value is 180, the motor car is pointing directly south. If the value is 0, the motor car is pointing directly north. The values thus range from 0 to 359. The determined orientation of the motor car may differ from its actual orientation due to inaccuracies in the GPS positioning.
Remaining range ²	This value indicates the remaining range of the fuel tank contents in kilometres at the time of data collection.
State of ignition ²	This value indicates whether the ignition was on or off at the time of data collection or whether the status is unknown.
Status of engine (on/off) ²	This value indicates whether the engine was on or off at the time of data collection or whether the status is unknown.
Status of lights ²	This value indicates whether the motor car light was on or off at the time of data collection or whether the status is unknown.
Tank content ¹	The value indicates the current fuel tank content in litres at the time of data collection. Depending on the position of the tank float, the specified value may differ by up to 6 litres.
The date when the brake fluid needs to be replaced ¹	This value indicates when the brake fluid should be changed. The value is shown as a date and CET time respectively, for example 12.08.2017 23:00:00 UTC
Time threshold for main and exhaust gas inspection ¹	The threshold indicates how many months before the main and exhaust gas inspection is due the service advisor will be notified.

CarData Element	Description
Time threshold for service information ¹	The static value indicated is stored in the motor car and indicates the first time that the customer receives a time-based message to inform him that the motor car will soon be due for a service. It is given in weeks (for example 4).
Time to the navigation destination ²	This value indicates the arrival time at the navigation destination and is given in hours and minutes.
Motor car altitude ²	This value indicates the height of the motor car above sea-level at the time of data collection. The value range reaches from -100 to 6000.
Motor car position – degree of latitude ²	This value indicates the degree of latitude at which the motor car was at the time of data collection. The degree of latitude could range from 0 (at the equator) to a maximum of +90 in the northern hemisphere or respectively -90 in the southern hemisphere. The GPS position is transferred independently of whether the GPS positioning has been activated or deactivated in your motor car via the settings menu.
Motor car position – degree of longitude ²	This value indicates the degree of longitude at which the motor car was at the time of data collection. The degree of longitude could range from 0 (at the Greenwich meridian / Great Britain) to a maximum of +180 east or respectively -180 west of the meridian. The GPS position is transferred independently of whether the GPS positioning has been activated or deactivated in your motor car via the settings menu.

Usage-based motor car data

CarData Element	Description
Average distance per week (long-life) ¹	This value indicates the weekly average travelled in kilometres over a period of 2 months.
Average distance per week ¹	This indicates the average volume of the distance travelled in kilometres per week.

Data regarding the events of your motor car

CarData Element	Description
Automatic Teleservice Call ¹	The date shown indicates whether the motor car has activated an Automatic Service Call (ASC) and when.
Teleservice Battery Guard ¹	The date shown indicates whether the motor car has sent a battery guard call and when.

Data transfer:

The data mentioned above can be transferred from the motor car to the Rolls-Royce back-end data systems by the following Rolls-Royce Teleservice:

¹ Teleservices & breakdown assistance

² Intelligent emergency call