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Processing energy storage vehicle after-sales service

Why is after-sales service and vehicle maintenance important?

Please visit our privacy statement. The after-sales service and vehicle maintenance will only become more critical as vehicles become increasingly electrified and autonomous. These vehicle technologies create new challenges and concerns for service technicians as they repair and maintain customers' vehicles.

What is the methodology for automotive after sales service?

The methodology is deliberately developed in a very simple way to ensure a comfortable handling, in particular to small and medium-sized stakeholders in the automotive after sales service. As further research a more detailed method is needed. The market indicators have to be clarified more precisely.

How does after-sales service work?

The after-sales service station returns the warranty parts claimed by the customer to the company warehouse every month, and the company's after-sales service department will recycle and appraise the warranty parts, and refurbish, rework and reuse the parts that can be recycled again. For those that cannot be reused, discard them.

How will technology affect vehicle servicing and maintenance?

These vehicle technologies create new challenges and concerns for service technicians as they repair and maintain customers' vehicles. The growing electrification and automation of vehicles will have extensive effectson vehicle servicing and maintenance.

What is the analysis of the automotive aftermarket?

The analysis of the automotive aftermarket was organized by a project team and was carried out in cooperation with a group of experts in after sales service business. This approach ensures that all relevant impacts were considered and evaluated.

What are the challenges of vehicle servicing?

As automakers integrate more sophisticated electrical and electronic systems, the challenges of vehicle servicing will change. Electric and autonomous vehicles bring unique and intricate challenges to the service environment that may require specialized training or bespoke processes to manage.

In this context, after-sales (AS) service has become increasingly important as a source of differentiation and market share for manufacturers and resellers, as well as a strategic driver for customer retention. This leads to a detailed revision of the logistical and organisational configuration of the whole service chain entailing the design of ...

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The specific process is as follows: First, the independent dealers or car sales service dealerships (with recycling-related after-sales service functions) under the car businesses obtain the decommissioned EV batteries (trade-in or scrapped) from the users and send them to the centralized hubs (generally an enterprise with EV recycling or scrapping qualifications).

Fig. 13 (a) [96] illustrates a pure electric vehicle with a battery and supercapacitor as the driving energy sources, where the battery functions as the main energy source for pulling the vehicle on the road, while the supercapacitor, acts as an auxiliary energy source for driving the vehicle on the road, also recovers a portion of the regenerative energy when the vehicle is ...

In disaster relief, mobile emergency energy storage vehicle (MEESV) is the significant tool for protecting critical loads from power grid outage. However, the on-site online expansion of ...

On May 16, GAC Aion, CATL, and CATL's subsidiary CAES signed a cooperation framework agreement on battery swapping cooperation. Under the agreement, the parties will make the best of GAC Aion's leading market position and ...

EVE Energy Storage has established eight major after-sales service regions, including South China, North China, East China, Central China, Northwest China, Southwest China, Northeast China and Southeast China, with more than 15 ...

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On March 13, CATL and BAIC Group signed a strategic partnership agreement on business cooperation and advanced technology application. Both parties plan to join hands to develop EV battery products to further explore the new energy vehicle market. According to the agreement, CATL will get deeply involved in the vehicle development and production of BAIC ...

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