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Battery after-sales warranty case analysis

How to assist a warranty with a minimum in losses?

In order to assist warranties with a minimum in loses,unnecessary expenses,or efforts, it is needed to take into account the efficiency in the after-sales service. This efficiency is here defined as the assistance of the same service but less costly.

How much does a warranty cost?

Usually, the budget for warranty is determined as a percentage of the total project cost. In our case study, the total cost, manufacturing plus indirect costs for each vehicle, is supposed, amounts to ca. 375,000.00 EUR and the percentage for warranty attendance will be 2 % of the budget for total costs.

What is warranty assistance?

In the contract, warranty assistance is included for the vehicles of the fleet during a period of time that starts when each vehicle is delivered to the customer. To provide the after-sales service in a satisfactory way, the fulfillment of some conditions is required: 1. Teams formed by properly trained personnel. 2.

Can warranty costs be included in the global analysis of a project?

Warranty costs can be included in the global analysis of the project, providing the estimation costs of the same service generated at the end of contractual responsibility. The company that is focused on in the case study is a large manufacturer in the metal industry that operates globally.

What is a commercial product warranty?

Commercial Products (purchased in volume): Warranty applied to a fleet or group of items. Personalized Products: Reliability Improvement Warranty (RIW). Base Warranty and Extended Warranty. The case examined here deals with a customized product and the warranty management with the client.

What happens if an incidence is considered under warranty conditions?

If the incidence is considered under warranty conditions, the after-sales department must carry out a diagnosis of the incidence, detecting the problem, analyzing its solution, and determining the resources (staff and materials) and the necessary time for repair.

If found temper proof seal broken, Battery warranty will be null & void. 8. ... Customer will be informed to pay Rs. 1200 to 1500/- visit charge if case found out of warranty as per company norms and D.O.P. for testing / checking of battery. 3. Complaint registration / login and Service Support Process For Service Support, OEM / Channel Partner / Customer can lodge their ...

BYD Battery-Box Premium LVL Limited Warranty- Commercial-EN V1.1 BYD Battery-Box Premium Limited Warranty This Limited Warranty applies to BYD Battery-Box Premium Product (Models, LVL15.4)

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("Product") installed in non-European area in parallel (with a combined Usable Energy of Products is equal or more than 50kWh) on or after Dec. 1st, 2021.

The delivery of after sales service by a company is critical in satisfying customer needs and perceptions. In order to have quality after sales service a proper delivery system has to be in place. This is an empirical study on after sales quality of Pakistan's automotive battery manufacturer. The research measured the quality of service in ...

If the incidence is considered under warranty conditions, the after-sales department must carry out a diagnosis of the incidence, detecting the problem, analyzing its solution, and determining the resources (staff and materials) and the necessary time for repair. In reference to the material, the warranty technicians must identify ...

A battery failure is only considered a warranty case due to manufacturing defects. This is indicated by specific test results on Battery Masters" diagnostic equipment. Any other failure mode does not qualify for warranty replacement. There are several non-warranty reasons why batteries may fail, including but not limited to the following:

The only big "potential" cost when it comes to EV maintenance is replacing the battery. A battery may have lost up to 20% of its range by the time the vehicle reaches 100,000 miles. Some batteries have been designed in such a way that modules can be replaced, as opposed to the entire battery itself, however, this is highly dependent on the ...

Establishing an after-sales return and exchange warranty service process and conducting real-time warranty data analysis is an indispensable task for enterprises. The ...

Case Show. BLOG. CONTACT. DOWNLOAD. DOWNLOAD. 2024 Product Catalogue. Tools and Upgrade software. Bluetooth User Guide. Golf Carts Battery Manual. CL-12V instruction manual. CL-24V instruction manual. CL-48V instruction manual. IV-6000 Inverter manual. Reviews. Reviews. Jimmy2Tech CL48-100GS. Roll2 Videos CL48-100GS. Dean ...

A real-world case study is presented using warranty data of a battery manufacturer. It is found that for a given warranty period, the piece-wise renewing free replacement policy has a better performance than traditional fully renewing policy, in terms of expected warranty cost, warranty cycle, and cost rate.

After-sales services are activities during warranty periods that include field technical assistance, spare parts distribution, customer care, and accessories sale. Aftermarket support...

1. Analyze the state-of-the-art regarding management and warranty of the after-sales service (Part II). 2. Identify the concepts and developed methodologies that come into effect for other areas of management such

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Battery after-sales

warranty

case

as maintenance, and to apply them to cases of warranty assistance (Part III). 3. Develop the implementation of these methodologies ...

This paper pretends to describe a real case of warranty assistance, analyzing its management in the framework of a manufacturing company which provides deliverables during a specific period...

A real-world case study is presented using warranty data of a battery manufacturer. It is found that for a given warranty period, the piece-wise renewing free ...

Under the drive of the Industry 4.0 era, the basis of the corresponding transformation opportunities for after-sales service lies in data. Whether it's enterprises focusing on the development of connected products, the transformation of XaaS business model, digital transformation, installation excellent, resilient supply chains, omni-channel services, the ...

BATTERY WARRANTY TERMS ... battery. 14. In case of a service battery issued it must be returned within 15 days, non-compliers shall be liable to pay nominal charges per day. 15. Company reserves the right to inspect electrical system of vehicle / application if required. 16. Warranty settlement is based on the report generated by an automated failure analysis ...

Establishing an after-sales return and exchange warranty service process and conducting real-time warranty data analysis is an indispensable task for enterprises. The proportion of many industry's warranty costs is roughly the same as R and D costs. Refer to the Warranty Week analysis, in the past 5 years, the average warranty costs ...

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