



HC-CARGO Starters, Alternators & Components

- when quality is key!



Your Expert in Parts

HC-CARGO Starters & Alternators



We continuously strive for extending the program to offer the most comprehensive solution whether it is a simple replacement of a complete unit or components for repair purposes.

In our web catalogue at www.hc-cargo.com you can always see the up-to-date and complete program.



The catalogue also includes a complete cross reference list.
More than 175,000 references to search amongst!



Automotive

Very high coverage as to European vehicle population



Trucks, trailers & buses

Very high coverage as to European vehicle population



Agriculture and Industrial

High coverage as to European vehicle population



Marine

Selected parts for marine vessels



Motorcycle

Selected parts for motorcycles



Our program has applications for cars, trucks, industrial machines, agricultural, marine and various outdoor power equipment we offer applications for multiple purposes!

Appealing packaging

HC-CARGO units (starters and alternators) are delivered in branded packaging design! This gives a strong identity to the HC-CARGO brand - and makes it easier for you to find them on the shelves.

- High EU market coverage >90 %
- More than 1,500 starter numbers
- More than 1,500 alternator numbers
- Our Starters & Alternators are also available on TecDoc
- The program also includes units from original equipment manufacturers - so called OE or OEM suppliers like Bosch, Valeo, Mitsubishi etc.



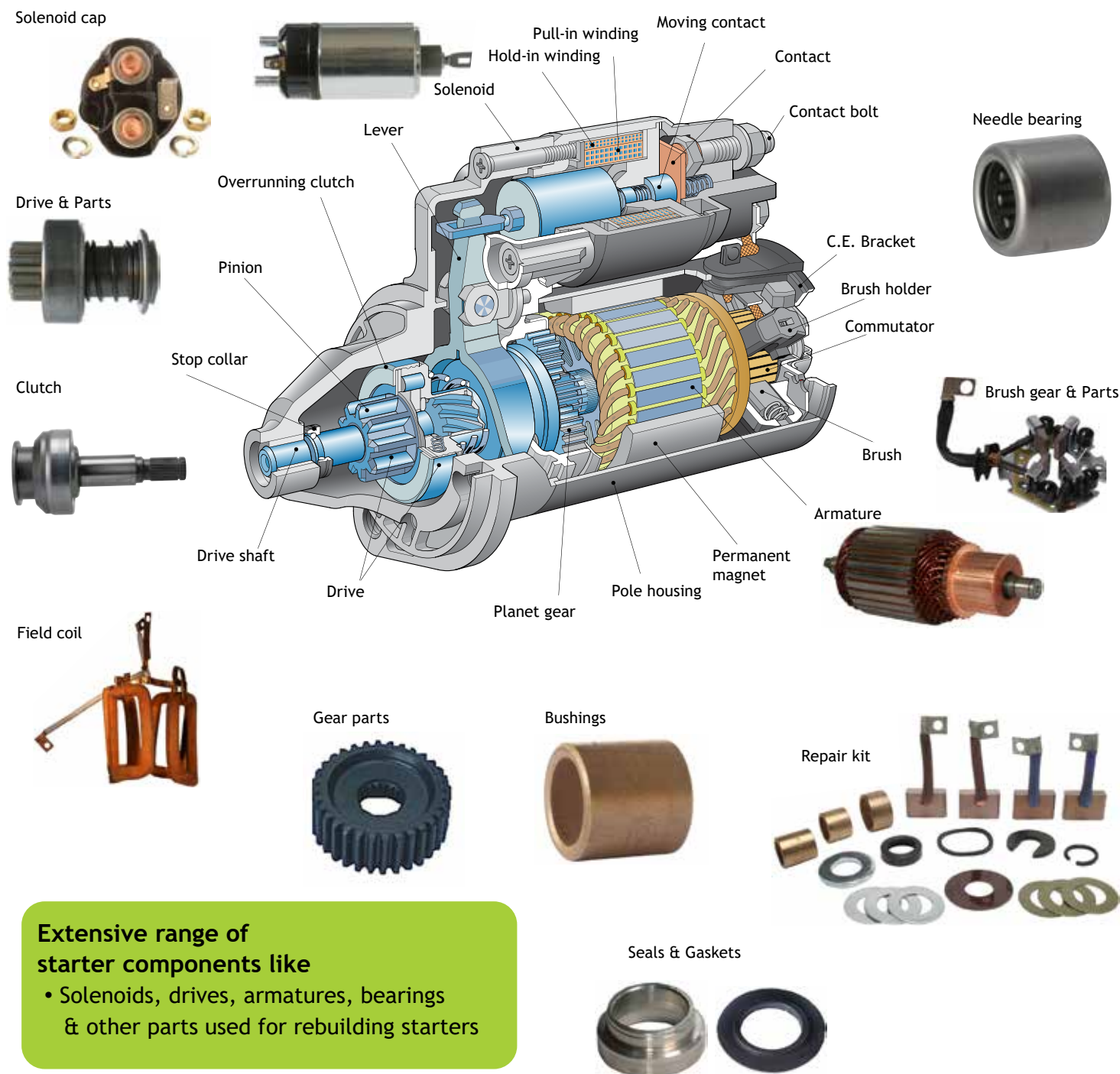
Warranty policy

We pride ourselves on excellent quality, but now you can rest even easier knowing that all HC-CARGO branded products purchased are now covered by a fantastic 2-year warranty.

HC-CARGO Components program

HC-CARGO program offers

- High EU Market coverage
= all relevant parts for starters and alternators including TRUCK and AGRICULTURAL applications
- More than 14,000 numbers
- More than 1,000 OE spare parts which are parts from original equipment manufacturers - so called OE or OEM suppliers - like Bosch, Valeo, Nikko, Sawafuji etc.



Extensive range of starter components like

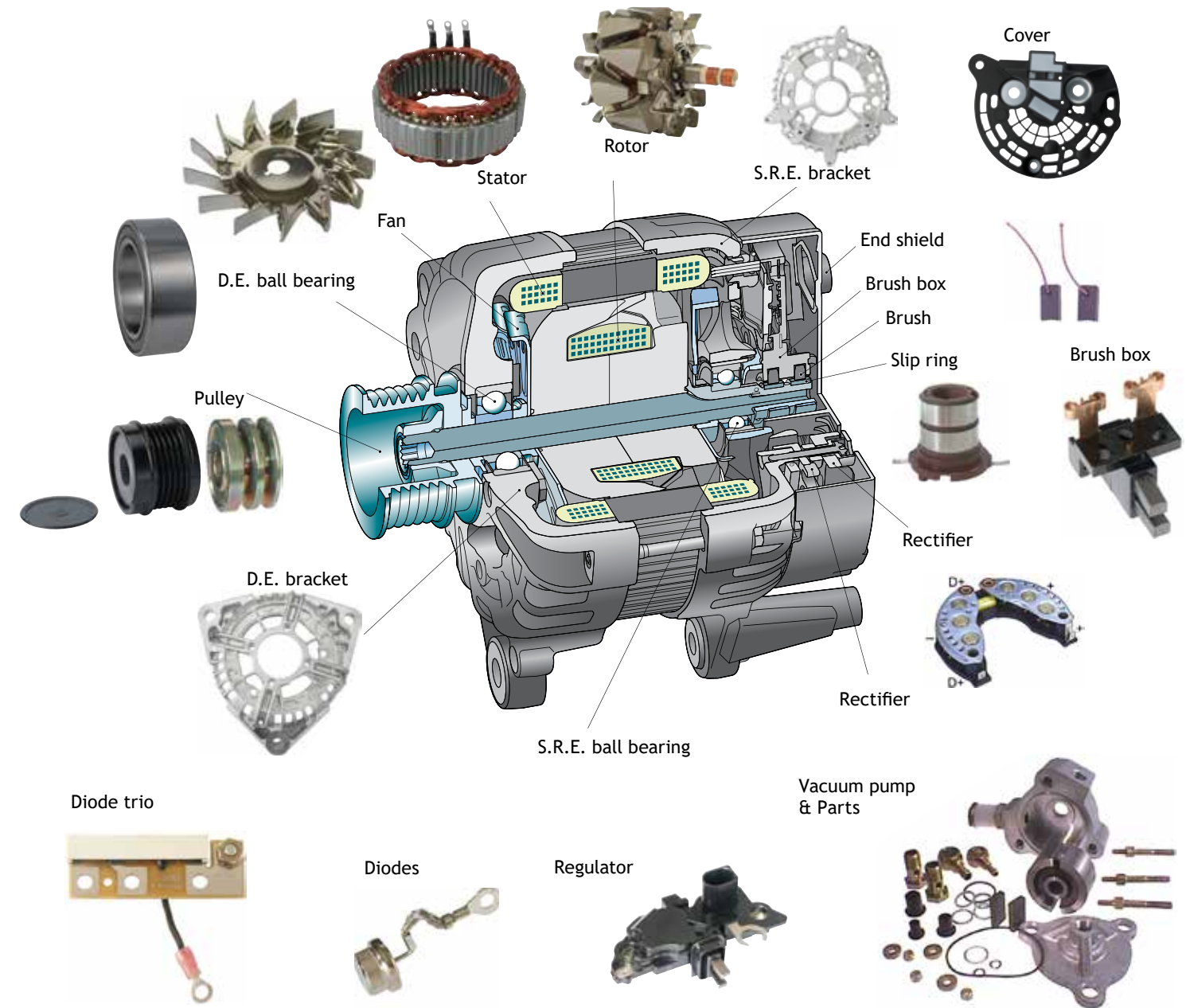
- Solenoids, drives, armatures, bearings & other parts used for rebuilding starters

HC-CARGO components are

- ✓ used in production of leading reman brands
- ✓ also available on TecDoc

Extensive range of alternator components like

- Regulators, rectifiers, rotors, stators, FW pulleys, OAD pulleys, bearings and other parts used for rebuilding alternators



Quality is key to us

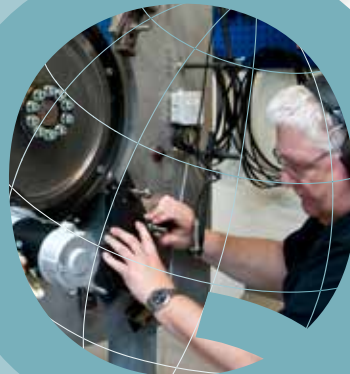
The HC-CARGO logo stands for high quality standards. Our dedicated technical team constantly ensures product quality through reliable and sustainable processes.

- We are using
 - ✓ Optical tests
 - ✓ Fit and function tests of spare parts (both electrical function and dimension)
 - ✓ Functional tests
 - ✓ Performance and endurance (incl. break-down and temperature) tests
 - ✓ Knowledge and solid experience

Annually we are testing more than 4,500 parts and units. When tests have been successful, the products are approved and released for sales.

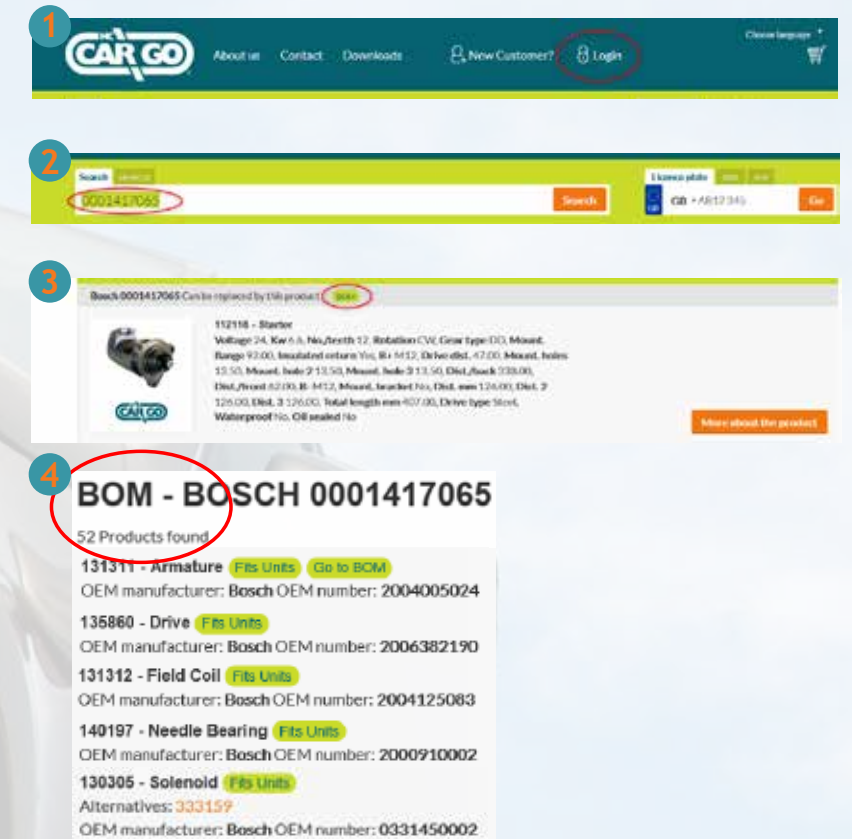


We are ISO 9001 certified and working according to automotive standards



How to look up components related to a specific unit!

- 1 Go to www.hc-cargo.com
You need to log-in (If you do not have a login you have to sign up as customer)
- 2 Type in the OE number in the "Search"-field
- 3 Press the BOM (Bill Of Material) button
- 4 The Bill Of Material list opens.
In this example the list consist of 52 components - here we only show 5 of the components.



Example of one application and the many components we offer to it!



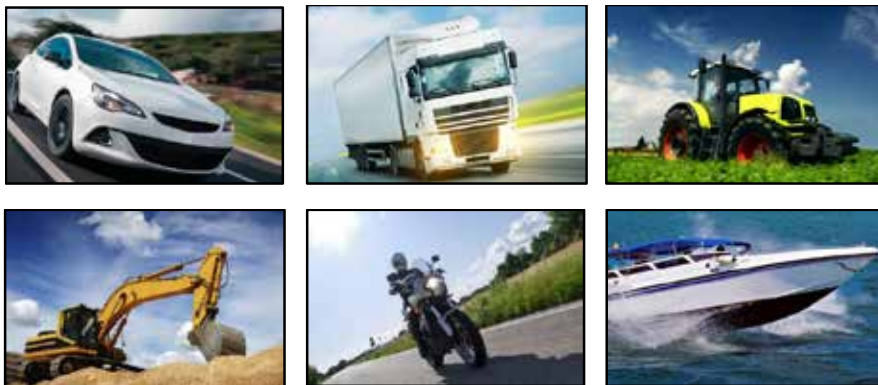
OEM no.
0001417065
HC-CARGO 112116 Starter
Application example:
Volvo FH 12 380
from 01-03-1998

BOM list	Product no.	Product name	
	131311	Armature	131448 Oil Seal
	231646	Bolt	131449 Oil Seal
	bsx1484	Brush Set	131444 O-ring
	bsx172-1734	Brush Set	134607 Repair Kit
	131499	Brush Spring	137001 Repair Kit
	140011	Bushing	132843 Rod
	140111	Bushing	135876 Screw
	133488	C.E. Bracket	333162 Solenoid
	137000	C.E. Bracket	130283 Solenoid
	130317	Clutch	130305 Solenoid
	231369	Clutch Housing	131450 Spring
	131454	Clutch Housing	190579 Spring Lock Washer
	139339	Cup Washer	190580 Spring Lock Washer
	135860	Drive	333633 Stop Collar
	131312	Field Coil	133603 Terminal Bolt
	190589	Flat Washer	139360 Terminal Bolt
	191290	Flat Washer	137029 Terminal Bolt
	139340	Gasket	230019 Terminal Kit
	190780	Hex Nut	139071 Terminal Kit
	190492	Hex Screw	231055 Terminal Lead
	131841	Key	231056 Terminal Lead
	190555	Machine Screw	231021 Threaded Pin
	190545	Machine Screw	231019 Through Bolt
	140197	Needle Bearing	231020 Through Bolt
	140198	Needle Bearing	131453 Washer
	136169	Nut	131445 Washer

Supplier control

Becoming a HC-CARGO supplier is not easy. Suppliers have to fulfil a long list of preconditions. They need to have qualified processes, and not least, they have to convince our experienced quality managers and engineers, who frequently visit the suppliers to test them intensively. This is a continuous process that is carried out and extends over the entire period of co-operation.





Becoming greener and cleaner

Our competent and dedicated engineering team ensures reliable and particular sustainable processes. Therefore, we also have achieved ISO 14001:2015 certification which confirms our environmental policy.



In addition, we are continuously optimising our energy consumption in our premises. Dedicated efforts in our Facility Management department keep us on track and we always strive to achieve the best possible solutions.

Why repair units?

Often it is simply cheaper and a faster solution for the customer. Changing the broken or

worn-out part(s) with HC-CARGO parts will still leave the customer with a top-quality unit. Especially if it is a rare OE unit, it will be more economical to repair.

In addition, when you consider the environmental aspect repairs are better. You save raw materials when you prolong the lifetime of the unit. Further production costs (e.g. for energy, logistics etc.) are reduced thereby lowering the environmental impact. Due to our dedicated work for remanufacturing our plants have achieved the ISO/TS 16949 certificate.

