

Starter

Suitable for: Scania

replaces
2276131



Starters are used in internal combustion engines to start them under all operating and environmental conditions. The starter brings the engine to the required starting speed and supports start-up of the engine after the starting process until it runs completely by itself.

To start an internal combustion engine, two electromagnets of various strength acting in parallel are activated in the magnetic switch via an auxiliary relay when the ignition key is turned in the starter. The magnets move the starter pinion, which tightens a pressure spring in the magnetic switch. The pinion locks into the flywheel of the engine and the magnetic switch closes the contact to the starter motor and starts it. The starter motor armature accelerates the flywheel and thus the crankshaft of the internal combustion engine via a planetary gear and the pinion until it runs independently and the ignition key is released.

The starter 1.21760 meets the high-quality and safety standards of the automotive industry.

The starter can withstand extreme climatic conditions and covers an ambient temperature range from -30 °C to +60 °C. To ensure a long service life and optimal function, all the individual parts of the starter are made of high-quality materials. Markings on the housing make clear identification and traceability possible.

Further links

Similar articles from the product range

Note: Accessories are listed on the respective article detail page in the Partner Portal.

Product details

Power: 5.5 kW

Voltage: 24 V

Number of teeth: 12

Weight: 9.5 kg

Construction of starter

1.

Construction of starter

2. Pinion
3. Front housing
4. Auxiliaryv relais
5. Magnetic switch
6. Fork
7. Overrunning clutch
8. Planetary gear
9. Armature
10. Commutator
11. Back ball bearing
12. Field coil
13. Carbon brushes with temperature sensor
14. Housing field coil
15. Back bearing housing

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Video

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