



STARTER MOTOR WITH REDUCTION GEARS CUTAWAY

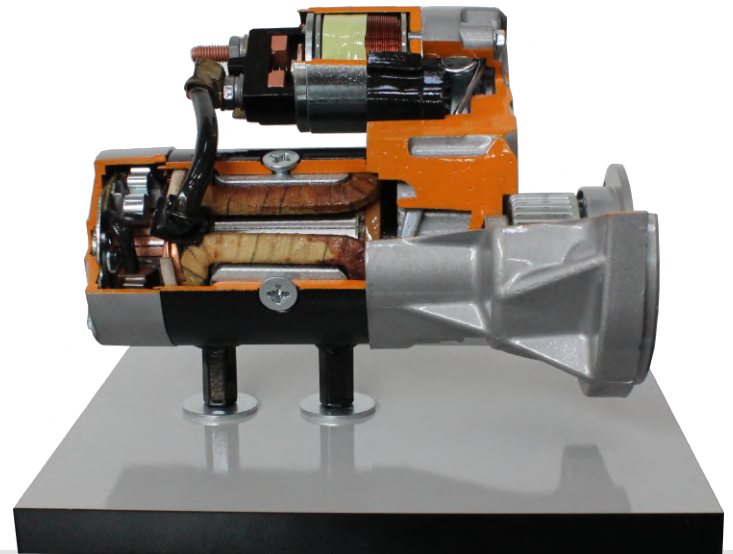
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Product number

AE410071M

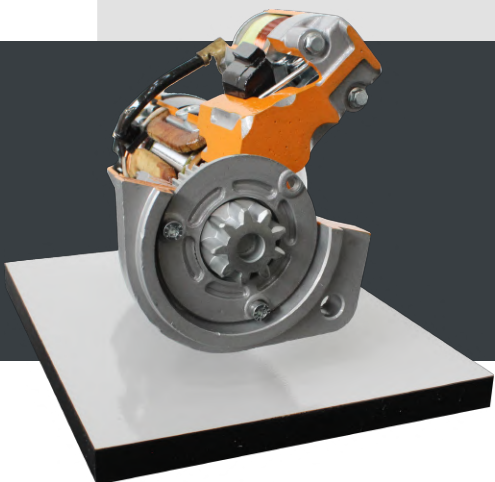


Starter motor with planetary gear system and three planet gears for high starting torque. Equipped with a six-pole permanent-magnet excitation field and four carbon brushes, it demonstrates key electrical components like the solenoid switch, commutator, and pull-in/hold-in windings. Highlights the compatibility of the starter motor with modern engine systems, featuring materials such as glass-fiber reinforced polyamide or sintered steel for the internal gear.



Features

- Sectioned view of planetary reduction gear with 3 planet gears, allowing for detailed study of high-torque starter motor operation.
- Detailed display of solenoid switch, pull-in winding, hold-in winding, and return spring components for full understanding of starting system engagement.
- Educational exposure to the six-pole permanent-magnet excitation field and its role in preventing demagnetization under extreme conditions.
- Visible commutator, brush holder, and armature to demonstrate electrical energy conversion within the motor.
- Compact, mobile design ensures easy integration into various classroom and workshop environments.
- Uses OEM components for easy, safe, and realistic training that mimics real car.



Specifications

- Dimensions: 250 x 200 x 200 mm (9.84 in x 7.87 in x 7.87 in)
- Weight: 6 kg (13 lb)
- Product number: AE410071M