



# Starter

ONLY NEW PARTS



Competence CENTER

Quality from the manufacturer

## Replacing the Starter

We want to show, with these fitting tips, how the professional motor mechanics in the garages work to ensure the correct fitting and dismantling of automotive replacement parts. MAPCO recommends, therefore, that you should always consult an expert when replacing parts on your car.

### Fitting Tips

- Before replacing the old starter motor it is imperative to pay attention to the fitting instructions provided by the vehicle manufacturer.
- Before commencing work on the vehicle's electrical installation always disconnect the earth cable of the battery (minus pole) first. Do not disconnect whilst the engine is running.
- Check the earth cable connection from battery to chassis and engine or gear box for tightness, discontinuities or breakages and corrosion. Carry out the same procedure also for the positive lead.
- Check the toothed rim of the engine fly wheel for broken teeth and safe seating.
- When fitting the new component pay attention to the correct mounting position. Select the correct tightening torque when tightening up the bolts.
- Finally verify that the ignition switch is functioning perfectly –it must snap back into place on its own without delay.

### Tips for Maintenance

- Pay attention to the complete functionality of the battery. Clean the battery and connections regularly.
- Following the disassembly of the starter motor, make a visual check of the engine fly wheel.
- attention also to the cleanliness of the pinion. This component can sometimes jam thereby locking the fly wheel. The cause can be an excessive collection of clutch dust.
- Occasionally lubricate the bearing bushes at both ends of the starter motor.

MAPCO declines all responsibility and rejects warranty claims for any damage to our products incurred during fitting or dismantling.