

Valeo 438266

Valeo 438266 New Premium Starter Replacement

INSTRUCTION MANUAL

1. Introduction

This manual provides essential information for the proper installation, operation, and maintenance of your Valeo 438266 New Premium Starter Replacement. This product is designed to meet or exceed Original Equipment Manufacturer (OEM) specifications, ensuring reliable performance for compatible Mercedes-Benz vehicles. Please read these instructions thoroughly before proceeding with any installation or service.

2. Safety Information

WARNING: Automotive electrical system work can be hazardous. Improper installation or handling can result in serious injury or damage to the vehicle. Professional installation by a qualified technician is highly recommended.

- Always disconnect the vehicle's battery (negative terminal first) before beginning any work on the electrical system.
- Wear appropriate personal protective equipment (PPE), including safety glasses and gloves.
- Ensure the vehicle is securely supported on jack stands if working underneath.
- Avoid contact with hot engine components.
- Do not attempt to modify the starter or its components.

3. Product Overview

The Valeo 438266 is a 100% new premium starter designed for specific Mercedes-Benz models. It features robust construction and rare earth magnets for improved efficiency and durability. The unit is engineered to provide consistent and reliable engine starting.





Figure 3.1: Top view of the Valeo 438266 starter, displaying the Valeo brand and 12V specification. This view highlights the main body and mounting points.



Figure 3.2: Angled top view of the starter, providing a clearer perspective of the solenoid housing and its integration with the main motor body.



Figure 3.3: Rear view of the starter, detailing the electrical connection points, including the main battery terminal, solenoid terminal, and the braided ground strap.

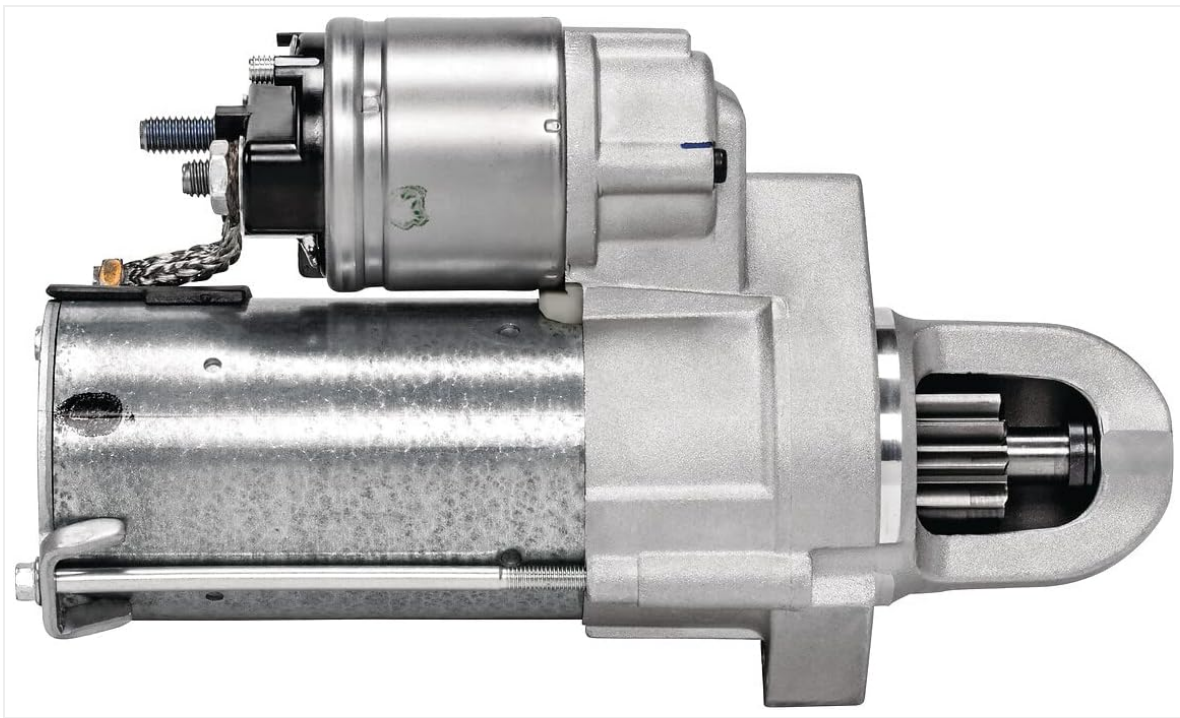


Figure 3.4: Side profile of the starter, showcasing the solenoid assembly, the main motor casing, and the drive gear (bendix) at the end of the shaft.

4. Compatibility

The Valeo 438266 New Premium Starter Replacement is compatible with the following Mercedes-Benz models:

- Mercedes-Benz GLE43 AMG (2017-2019)
- Mercedes-Benz GLE400 (2016-2017, 2019)
- Mercedes-Benz GLS450 (2017-2019)
- Mercedes-Benz C350 (2012)
- Mercedes-Benz SLK350 (2012-2013)
- Mercedes-Benz GL450 (2015-2016)
- Mercedes-Benz SL400 (2015-2016)
- Mercedes-Benz ML350 (2012-2015)
- Mercedes-Benz GLE350 (2016-2018)
- Mercedes-Benz E350 (2012)
- Mercedes-Benz R350 (2012)
- Mercedes-Benz SL450 (2017-2019)

Always verify compatibility with your specific vehicle using the manufacturer's fitment guide or by consulting a qualified mechanic.

5. Setup and Installation

Installation of a starter motor requires mechanical expertise and specialized tools. It is strongly recommended that this procedure be performed by a certified automotive technician.

General Installation Steps (Consult Vehicle Service Manual for Specifics):

1. **Preparation:** Ensure the vehicle is on a level surface, the parking brake is engaged, and the wheels are chocked. Disconnect the negative battery terminal, then the positive terminal.

2. **Access:** Depending on the vehicle model, gaining access to the starter may require removing other components (e.g., intake manifold, exhaust pipes, heat shields). Refer to your vehicle's specific service manual for detailed instructions.
3. **Disconnect Wiring:** Carefully disconnect the electrical connections from the old starter. This typically includes a large battery cable and a smaller solenoid wire. Note their positions for reinstallation.
4. **Remove Old Starter:** Unbolt the old starter from the engine block or transmission housing. Be prepared for the starter to be heavy.
5. **Install New Starter:** Position the new Valeo 438266 starter and secure it with the mounting bolts. Ensure proper torque specifications are met as per your vehicle's service manual.
6. **Connect Wiring:** Reconnect the electrical wires to the new starter. Ensure all connections are clean, tight, and correctly oriented.
7. **Reassemble:** Reinstall any components that were removed to access the starter.
8. **Reconnect Battery:** Reconnect the positive battery terminal, then the negative terminal.
9. **Test:** Attempt to start the vehicle and check for proper operation.

6. Operating

The Valeo 438266 starter operates automatically when the ignition key is turned to the 'start' position or the start button is pressed. Its function is to crank the engine to initiate combustion.

- Upon activation, the starter motor engages the engine's flywheel and rotates the crankshaft.
- Once the engine starts, the starter disengages automatically.
- Avoid prolonged cranking to prevent overheating the starter and draining the battery. If the engine does not start after a few attempts, allow the starter to cool down before trying again, and investigate the underlying issue.

7. Maintenance

The Valeo 438266 starter is a sealed unit and does not require routine user maintenance. Its design with 100% new components aims for maximum durability and eliminates the common failure points associated with remanufactured units.

- Regularly inspect battery terminals and cables for corrosion and ensure they are clean and tight. A weak battery or poor connections can mimic starter failure.
- Ensure all wiring connected to the starter is free from damage, fraying, or loose connections.
- Keep the area around the starter free from excessive dirt, oil, and debris.

8. Troubleshooting

If you experience issues with engine starting after installing the Valeo 438266 starter, consider the following common troubleshooting steps:

Symptom	Possible Cause	Action
Engine does not crank or cranks slowly	Weak or dead battery	Test battery voltage. Recharge or replace battery if necessary.

Symptom	Possible Cause	Action
Engine does not crank, but lights and accessories work	Loose or corroded battery cables/starter connections	Inspect and clean all battery and starter cable connections. Ensure they are tight.
Clicking sound when attempting to start	Low battery voltage, faulty starter solenoid, or poor connections	Check battery. Verify solenoid wire connection. If battery is good and connections are tight, the solenoid or starter may require professional diagnosis.
Starter spins but engine does not crank	Faulty starter drive (bendix)	This indicates an internal starter issue. Professional replacement is required.
Starter remains engaged after engine starts	Faulty starter solenoid or ignition switch	Immediately turn off the engine. Seek professional diagnosis to prevent damage to the starter and flywheel.

If these steps do not resolve the issue, or if you are unsure about performing any diagnostic steps, consult a qualified automotive technician.

9. Specifications

Specification	Value
Model Number	438266
Manufacturer Part Number	438266
OEM Part Numbers	2769062500; 276906250080; TS14E6
Brand	Valeo
Wattage	1.4 KW
Voltage	12V
Item Weight	6.34 pounds (2.88 Kilograms)
Product Dimensions (L x W x H)	11.42 x 6.1 x 5.51 inches

10. Warranty Information

For detailed warranty information regarding the Valeo 438266 New Premium Starter Replacement, please refer to the official Valeo warranty policy provided with your purchase or visit the official Valeo website. Warranty terms typically cover manufacturing defects for a specified period.





11. Support

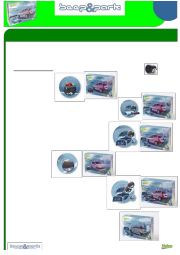

If you have questions, require technical assistance, or need further support regarding the Valeo 438266 starter, please:

- Contact Valeo customer service through their official website.

- Consult a certified automotive technician for professional diagnosis and service.

Related Documents - 438266

	<p>Valeo PS2M-C1 Power Smart ECU Technical Specification and User Information</p> <p>Technical documentation for the Valeo PS2M-C1 Power Smart ECU (PEPS), detailing its functionality as a passive entry and passive start system, manufacturer information, and regulatory compliance statements.</p>
	<p>Valeo Fitness Wristbands for Weightlifting Support</p> <p>Durable and supportive wristbands from Valeo Fitness, designed to enhance stability and prevent injury during weightlifting and other strenuous exercises. Features adjustable closure for a secure fit.</p>
	<p>Valeo Lanzamientos: Alternadores y Motores de Arranque</p> <p>Catálogo de lanzamientos de Valeo Service para alternadores y motores de arranque, detallando aplicaciones, códigos OE, y compatibilidad con vehículos de diversos fabricantes automotrices.</p>
	<p>Valeo Thermal System Control Catalogue 2014-2015 Automotive Parts</p> <p>Explore the Valeo Thermal System Control 2014-2015 catalogue, featuring a comprehensive range of high-quality automotive thermal components like water pumps, EGR valves, and thermostats for the aftermarket. Enhance engine performance and reliability with Valeo's O.E. quality parts.</p>

	<p>Valeo beep&park Parking Assistance System User Guide</p> <p>Comprehensive user guide for the Valeo beep&park parking assistance system, detailing product descriptions, kit configurations, utilization, alert activation, sensor diagnostics, and recommendations for safe and effective use.</p>
	<p>Valeo HFM2 Keyless Entry and Start System Owner's Manual</p> <p>Comprehensive owner's manual excerpt for the Valeo HFM2 system, detailing keyless entry, remote control functions, locking/unlocking procedures, alarm system operation, and engine starting/stopping for vehicles.</p>

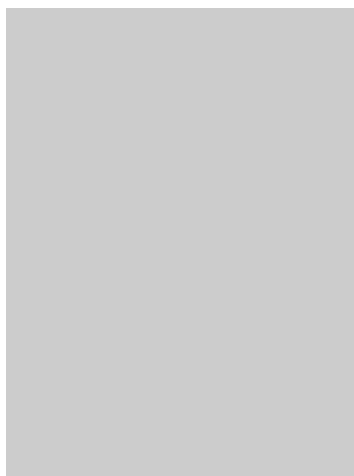
Documents - Valeo – 438266



[\[pdf\]](#) Catalog

Valeo Starters Alternators 2013 941346 catalogue Aftermarket Electrical Systems LCV New Passenger Car Remanufactured Repair CLASSIC Service valeo starters alternators 0 dalroad 2016 03 ||| 2013 STARTERS AND ALTERNATORS ALTERNATEURS ET DMARREURS ALTERNADORES Y MOTORES DE ARRANQUE ALT ... T Laguna, Latitudo, Master, Mgane, Scenic 438264 MERCEDES Classe CLS 438265 MERCEDES Classe S **438266** MERCEDES Classe CLS, Classe ML, Classe S 438267 MERCEDES Classe CLS, Classe S 438268 SEAT...

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