



Affordable. Reliable. Home Improvement.

ELECTRIC STARTER MOTORS

MODEL: 121-116

VEVOR

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This is the original instruction, please read all manual instructions carefully before operating. VEVOR reserves a clear interpretation of our user manual. The appearance of the product shall be subject to the product you received. Please forgive us that we won't inform you again if there are any technology or software updates on our product.



Warning-To reduce the risk of injury, user must read instructions manual carefully.

SAFETY WARNING INSTRUCTIONS FOR INSTALLATION

- 1.Before installation, disassembly, or maintenance, firmly disconnect the battery power to avoid electric shock or short circuits.**
- 2.Prohibit operation in flammable and explosive environments to prevent sparks from causing hazards.**
- 3.Non-professionals shall not modify or repair without authorization to avoid component damage or safety accidents.**
- 4.Ensure the starter motor is firmly fixed during use to prevent loosening or detachment during operation.**
- 5.After replacing this electric starter motor, some vehicle models may experience idle instability. Clean the throttle valve promptly to ensure stable engine operation. If self-operation is difficult, consult a professional maintenance agency to avoid malfunctions from improper handling.**


INSTALLATION METHOD

- 1.Positioning: Align the starter motor with the engine's installation position to ensure hole alignment.**
- 2.Fixing: Use mounting bolts to fasten the starter motor on the engine, ensuring no shaking.**
- 3.Wiring: Connect the battery's positive and negative power cords. Ensure correct positive/negative alignment to avoid reverse connection.**
- 4.Debugging: Power on, test the starting function briefly, and check for normal operation.**

PRODUCT PARAMETERS

Model	Voltage	Power	OE
121-116	DC12V	1100 (tolerance: +5, -10%)	PN16158

ACCESSORIES LIST

Item	Qty	Picture
Electric Starter Motors	1	
Vehicle Models Compatible With		
<p>Compatible with Hyundai Models:</p> <p>Elantra L4 2.0L (2017–2020, applicable to South Korea–made models)</p> <p>Elantra GT/Kona L4 2.0L (2018–2020)</p> <p>Veloster (2019–2020), Tucson L4 2.0L (2014–2020)</p> <p>Compatible with Kia Models:</p> <p>Forte L4 1.8L (2014, excluding start/stop function; effective from May 12, 2014)</p> <p>Forte L4 1.8L (2015–2016, excluding start/stop function; effective from June 29, 2015)</p> <p>Forte/Forte Koup L4 2.0L (2014, effective from December 5, 2014)</p> <p>Forte Koup (2015–2016), Forte5 (2015–2018), Forte L4 2.0L (2015–2016, effective from June 29, 2015)</p> <p>Soul (2016–2018, effective from August 18, 2015), Soul L4 2.0L (2014–2015, excluding start/stop function)</p>		

Alternative OEM Numbers
19301N、S9336S、36100-2E200、16158、1206214、36100-2E121、 36100-2E131、1210405

PRODUCT USAGE INSTRUCTIONS

1. **Positioning:** Align the starter motor with the engine's installation position to ensure hole alignment.
2. **Fixing:** Use mounting bolts to fasten the starter motor on the engine, ensuring no **shaking**.
3. **Wiring:** Connect the battery's positive and negative power cords. Ensure correct positive/negative alignment to avoid reverse connection.
4. **Debugging:** Power on, test the starting function briefly, and check for normal operation.
5. **Confirm the engine is in normal condition before startup, with no abnormal jams.**
6. **Connect battery power, briefly press the start button (or turn the key to the start gear). Single-start time should not exceed 5 seconds.**
7. **If the engine fails to start initially, retry after a 10–15-second interval. Avoid continuous long-time starting to prevent motor damage.**

CARE INSTRUCTIONS

1. **Regular Inspection:** Monthly check for loose mounting bolts and oxidized or loose power cord connectors.
2. **Cleaning Maintenance:** Every six months, clean dust and oil stains on the starter motor's surface to prevent impurities from affecting operation.
3. **Lubrication Maintenance:** Add lubricating grease to transmission components (e.g., gears) every 1–2 years based on usage frequency to ensure smooth operation.
4. **Fault Repair:** In case of issues like weak starting or abnormal noise, power off immediately and contact a professional for repair.

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