

AUXILIARY WATER PUMP

COOLING WATER CIRCUIT

+30

+8k

+160M

PART NUMBERS

APPLICATIONS

VIO



50023



50005



50021

Auxiliary electric water pumps ensure coolant circulation in critical areas of the vehicle, even when the engine is off. Their independent operation maintains flow in start-stop systems, at idle, or after the engine is shut down.

They are essential in turbocharged, hybrid, and electric vehicles, as they manage the temperature of sensitive components such as the inverter or batteries, adjusting flow according to thermal demand.

Motor housing

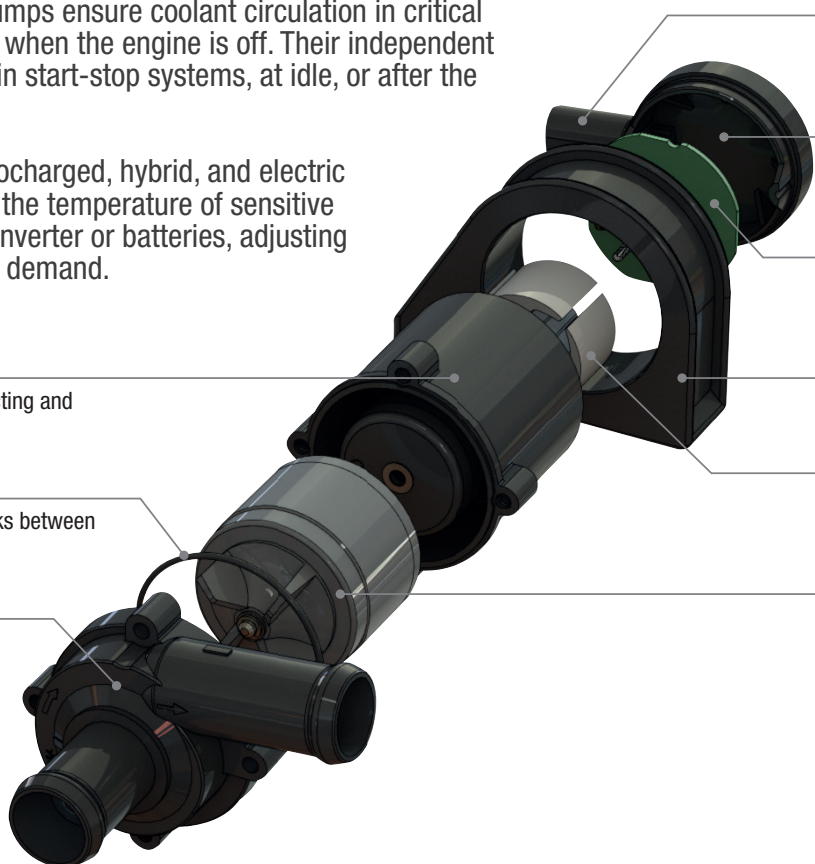
Encloses the electric motor, protecting and aligning internal components.

Seal

Sealing element that prevents leaks between the pump's internal chambers.

Housing

Main structure that integrates and protects the entire functional assembly of the pump.



Connector

Electrical connection point between the pump and the vehicle's control system.

Cover

Outer element that protects the electronic assembly and facilitates connector mounting.

Circuit board

Electronic module that controls motor operation and signal management.

Damper

Absorbs vibrations and noise during operation, enhancing durability.

Rotor

Rotating part of the motor that, together with the stator, generates motion.

Turbine

Drives the coolant through the system, generating the necessary flow.

Ref. 50005

VIO 3.01 M



Chevrolet
Silverado 5.3

Ref. 50022

VIO 0.61 M



Volkswagen
Jetta IV 2.5

Ref. 50019

VIO 0.55 M



Volkswagen
Bora I 2.0

Ref. 50003

VIO 0.46 M



Volkswagen
Tiguan 2.0 TDI 4motion

Warning: Improper bleeding during or after replacement may lead to air pockets that disrupt coolant flow and cause thermal failures.

+11

+70

+180M²

+1000M²

+5.000

+12.000M²

CATALOGUES

YEARS

ESD ROOM

CLEAN ROOM

PART NUMBERS

BARCELONA



TecAlliance

<https://web.tecalliance.net/fae>

+34 932 618 500

✉ fae@fae.es

🌐 www.fae.es

