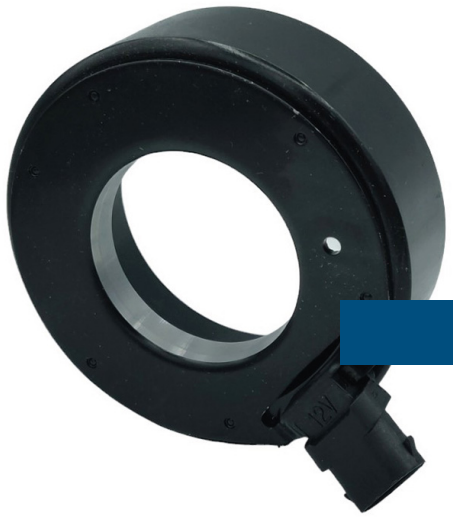
Meat&Doria **669002**
Hoffer Products **669002**



FOCUS

A/C Compressors Spare Parts

NEWS DECEMBER 2025

200 Active References

PREMIUM QUALITY

Our Premium Quality

A superior quality range, guaranteed by direct control of the entire process.

Design and production are supervised by the Group's engineers, in compliance with the original equipment specifications. Subsequently, each component undergoes end-of-line validation testing by the Quality team, with the aim of offering a product that always stands out for its quality, reliability, and durability.

Design | **Fleet Coverage** | **Testing** | **After-Sales Support**

What they are

Spare parts for the air-conditioning compressor are components used for **maintenance or repair of the compressor**, which is the heart of the A/C system. The compressor's job is to compress the refrigerant gas and circulate it through the system.

MEAT&DORIA SPECIAL PARTS SINCE 1945

HOFFER PRODUCTS SINCE 1999

New category

The new Compressor Spare Parts category will become part of the **Air Conditioning catalog**. These are components intended for **repairing complete compressors**, which are already present in the same catalog with the **prefix 668***.

Initially, around **200 part numbers** will be available, divided into: coils, bearings, rubber mounts, pulley kits, plates, and valves.

Coils (or windings)

They are part of the compressor's electric motor and generate the magnetic field required for operation.

Bearings

They reduce friction between moving parts, ensuring smooth rotation and durability.

Plates (or internal discs)

These internal mechanical elements contribute to gas compression and movement transmission.

Valves

They regulate the refrigerant flow inside the compressor.

Pulley kits

These are sets of components related to the external part of the compressor which transfers motion from the engine via the belt.

Coil

Meat&Doria **669001**
Hoffer Products **669001**

Bearing

Meat&Doria **669048**
Hoffer Products **669048**

Pulley Kit

Meat&Doria **669113**
Hoffer Products **669113**

Plate

Meat&Doria **669133**
Hoffer Products **669133**

Valve

Meat&Doria **669185**
Hoffer Products **669185**

Common symptoms indicating the need for component replacement

Electromagnetic Coil

- Compressor clutch does not engage.
- No audible "click" when the A/C is activated.
- Electrical measurement: resistance out of specification or open circuit.
- Burning smell or signs of overheating on the coil.

Bearings

- Metallic noise or squealing from the compressor (especially with engine on and A/C off).
- Abnormal pulley vibrations.
- Pulley rotates with difficulty or gets stuck.

Plates (Internal Discs)

- Compressor does not compress properly > air not cold.
- Abnormal system pressures (low high-pressure or vice versa).
- Internal ticking or knocking noises during operation.

Internal Valves

- High or low pressure inconsistent with system load.
- Irregular cooling cycle (intermittent cold air).
- Possible liquid refrigerant returning to the compressor.

Pulley Kit (Pulley + Clutch + Bearing)

- Rubbing or squeaking noise from the front of the compressor.
- Clutch slipping > A/C won't start.
- Deformed or worn pulley.
- Burning smell.

Most common diagnostic error codes

Electromagnetic Coil / Clutch

Code	Description
P0645	Faulty A/C compressor clutch relay (common in cars)
E6	Communication error between indoor and outdoor units (may indicate inactive coil)
PC03	Pressure switch intervention (coil won't engage due to incorrect pressure)

Bearings (Noisy or Seized Pulley)

No dedicated code: fault usually appears as **compressor lock**.

Code	Description
E6 / LE	Compressor lock or engine stall (may be due to seized pulley/bearing)
PC42	Compressor not rotating

Plates (Inside Compressor)

Internal faults > compressor not compressing.

Code	Description
PC44 / PC46	Compressor rotation speed anomaly / sensor circuit fault
E4	High discharge temperature protection (inefficient compression)

Control Valves

Code	Description
EA	4-way valve malfunction (Daikin)
DN / DD	Expansion valve error (Gree)
F6	Discharge pipe temperature control (may indicate stuck valve)

Pulley Kit (Pulley + Clutch + Bearing)

Code	Description
P0645	A/C compressor clutch relay (if clutch does not engage)
E5 / H3	Compressor overload or overtemperature (pulley blocked)
PC08	IPM overcurrent (compressor locked)