

# Automotive Air Conditioning Compressor Clutch

This product is an automotive air conditioning compressor clutch. It includes the electromagnetic coil, pulley with clutch plate, and pressure plate.



## Product Overview

### Automotive Air Conditioning Compressor Clutch Assembly

This automotive air conditioning compressor clutch is a critical component designed to manage the engagement of the A/C compressor with the engine's drive system. The assembly features a robust design including a grooved pulley for serpentine belt compatibility, an electromagnetic coil for precise engagement control, and a durable pressure plate. Engineered for reliable performance, this unit ensures smooth rotational force transfer to the compressor shaft when activated.

## Technical Components

### Included Components

- Electromagnetic coil
- Pulley with clutch plate
- Pressure plate
- O-ring seal

### Operational Mechanism

Component	Function
Electromagnetic Coil	Creates magnetic field to engage clutch
Pulley	Accommodates serpentine belt for drive power
Pressure Plate	Transfers rotational force to compressor shaft

## Application Details

### Compatibility Features

Serpentine Belt Compatible, Electromagnetic Engagement