

# TRP® Clutch for Air Compressors



The air conditioning compressor clutch serves two functions. First, the clutch drives or rotates the air conditioning compressor with a belt driven by the crank shaft. Second, the air conditioning compressor clutch can be switched off as needed by the AC system controls. Switching the clutch off can occur for many reasons including, preventing evaporator freeze, reducing high pressures and saving power.

Clutches come in 12 volt and 24 volt variations. North America primarily use 12 volt where Europe is 24 volt as a standard. Clutches not receiving a nominal voltage can experience a reduced life. It is a good practice to confirm vehicle voltage at time of installation.

## ■ Features & Benefits:

- ★ Rugged Forged Pulley
- ★ High Torque (Double Row Bearings)
- ★ Weatherpack Connector
- ★ Corrosion Protection (Tested ASTM-B-117)
- ★ Special "Super Screws" with Thread Locking Compound
- ★ Diode Protection (Suppresses Transient Voltage)

## ■ Related Parts:

- Receiver Dryer
- PAG Oil
- LC2100 and LC2000 Compressor
- Expansion Valve

