

How it Works

Externally Controlled Compressors

All externally controlled compressors have an internal solenoid operated by a two-wire harness. This control solenoid is responsible for the swash plate angle that balances refrigerant pressure within the compressor.

While earlier models of externally controlled compressors were clutch-less, newer models are designed with a clutch. If installing a new externally controlled compressor, the installer may notice a delay in function as soon as the vehicle is turned on. The compressor will not immediately begin to function as soon as the vehicle and A/C system is turned on. Externally controlled compressors for late model vehicles need a command from the ECU to begin pumping. This may take a few minutes on a new install, depending on the vehicle.



Control Solenoid