

OCP (OVER CRANK PROTECTION) PURPOSE & FUNCTION



- The purpose of the OCP device found on various starter motors, is to prevent the starter to overheat, due to a continual cranking situation.
- The OCP device has a built-in thermostat that senses the heat generated inside the starter motor, while it is being cranked.
- Once the starter reaches an internal predetermined over heating level, the thermostat activates & the starter stops cranking. The starter cannot be re-cranked, until it reaches an acceptable cranking temperature, allowing the thermostat to re-set.
- If you are replacing a starter motor that has OCP terminal, but the vehicle is not equipped with OCP wire within the wiring harness. Simply ignore the OCP terminal on the starter motor & the starter will function properly. In these cases the starter motor is not OCP protected.
- OCP devices are found on many Mirrix Delco type 37, 39, 41 & 42MT starter motors.