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ID Guide Identifies Large or Small Rotor Distribution Cam

Application

Certain Chrysler, Dodge, Ford, Kia and Mazda distributors. Example application: Chrysler Cirrus with 2.5L engine with large rotor cam or small rotor cam (Please see the CARDONE catalog for other applications).

Problem

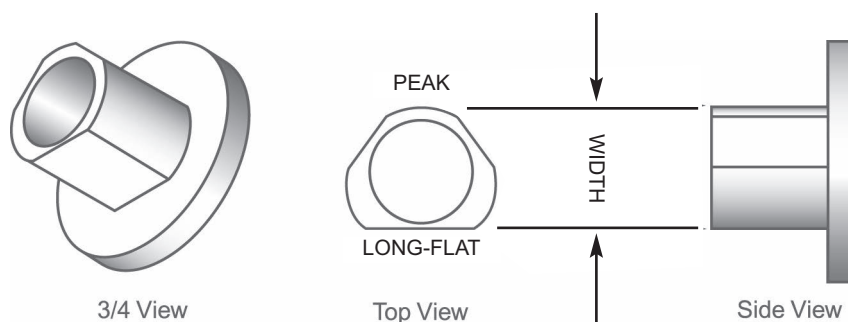
No start, poor drivability, cam code set. Rotor fits loosely or not at all.

Cause

There are two different rotor cams, large and small, for the same OE number. How can the correct replacement unit be determined?

Solution

The size of the rotor cams can be used to determine the correct part number. There are three flats on both cams, one long and two short. To determine the cam size, measure from the long flat to the opposite side (see below). The large cam measures approximately .526 inches, the small cam measures approximately .475 inches. See the examples below for measurements.



Note

The long flat on the cam keys the rotor to the correct position. If the large rotor is used with the small rotor cam, the distributor will be mistimed. This will cause poor engine performance and possible engine damage. Using the wrong rotor or distributor will void the distributor warranty.