

CAM 5 Roller Clutch

Solid, non-cracking core, built with 5 rollers to more evenly disperse stress on the outer body of the clutch (a common cause of cracking in the original Delco style).



Our 2 piece, dual alloy, heat treated pinion gear/drive boss are each individually torque tested and custom ground to slip at 1500 to 1800 inch pounds in the event of a kick back, without internal damage.

The “original” Delco clutch bodies have been in service for the past 60 years. Time has taken it’s toll and the clutch bodys are prone to cracking/failure (the main cause of slippage).

This pinion gear shows the result of incorrect installation (partial engagement).



This is a 38φ. Drop forged, automotive “one piece” pinion gear found in some FAA approved starter clutches. Note the washboard effect on the drive boss. This will eventually cause a massive failure where the clutch seized and the gear breaks off and falls into the engine.