

Is My Camshaft a Good Core?

A few conditions must be met when determining if a camshaft can be rebuilt

Is the Camshaft Straight?



A bent camshaft can never be rebuilt



Heavy duty camshafts are often so durable it's hard to bend them

How Excessive is the Lobe Wear?



Slight wear, like minor scratching, won't prevent rebuilding



Extreme wear, like missing chunks of metal from mechanical interference, will prevent rebuilding



Amount of allowable wear depends on the specific part number and engine. Some with heavier wear can be rebuilt, but other makes with similar wear cannot

Is the Case Hardening Depth Acceptable?



The case hardening depth is the harder metal on the outside of the camshaft



This allows the camshaft to endure the constant friction on the lobes



When the camshaft is rebuilt, the case hardening depth will be ground into



If not enough depth, the camshaft cannot be rebuilt because the softer interior metal wouldn't be able to withstand the friction. This isn't visible just from looking at the camshaft, but rebuilders can measure it in their shop