






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