

# *Proper placement of Ford pistons*

There are a variety of pistons available for the Ford 4.200 and 4.400 bore engines. To get the correct pistons, you need to find out the stroke of the crankshaft, compression height of the piston, and piston pin diameter.

Measure the compression distance by getting the distance from the top of the piston pin to the top of the piston and then add one half of the piston pin diameter. See photos below.

Once a piston has been installed in the engine, the measurement of the piston at top dead center in relationship to the cylinder block needs to be checked.

This measurement will determine if the proper information was given to select the correct pistons needed.

Measure the piston pin diameter.

Divide by 2.

Piston pin diameter divided by 2 = measurement A.



Measure the distance from the top of the piston pin to the top of the piston. This measurement is B.

Add one half of the piston pin diameter (measurement A above).

Compression height = measurements A + B