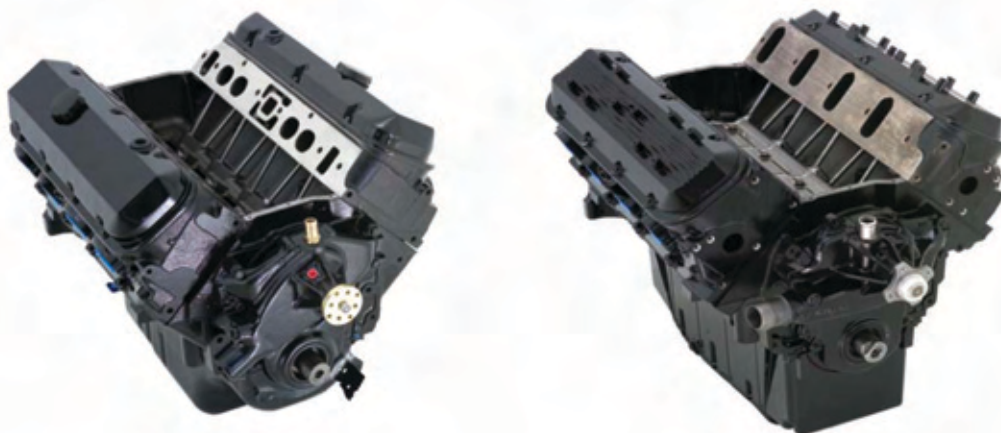


## BIG BLOCK ENGINE IDENTIFICATION

### Identification tips for MerCruiser Big Block Engines.



#### 1991 and earlier Mark IV 454/7.4L

Two piece rear main seal on crankshaft,  $\frac{3}{4}$  in pipe plug in the front and rear of each cylinder head, stamped steel 10 bolt front cover. Stamped Steel valve covers, flat tappet camshaft

#### 1991-1996 Gen V 454/7.4L & 502/8.2L

One piece rear main seal, 10 bolt stamped steel front cover, flat tappet camshaft, cast aluminum valve covers.

#### 1996-2002 Gen VI 454/7.4L & 502/8.2L

One piece rear main seal, 6 bolt cast aluminum front cover, roller camshaft, cast aluminum valve covers

#### 2002-2008 496/8.1L

One piece rear main seal, cast aluminum valve covers with coil bracket mounts, crankshaft position sensor at rear of crankcase, roller camshaft, cast aluminum oil pan.