

## ENGINE IDENTIFICATION SHEET

## 4.3L ENGINE IDENTIFICATION

**MERCURY**  
Remanufacturing



### “Identification Tips” for MerCruiser 4.3L Longblocks

#### 1986 – 1992 14149R5

Non-balance shaft, with a mechanical fuel pump, a roller camshaft, and one piece rear seal.

- A. Easily identified by metal 10 bolt short front cover similar to 5.7L.
- B. Some non-balance shaft engines were produced without a manual fuel pump. This engine will fit either application with a fuel pump cover if manual fuel pump is not needed.
- C. All 12 intake manifold bolts are at 90 degree angle to cylinder head machined surface.

#### 1993– 1995 806347R5

Balance shaft, no mechanical fuel pump, roller camshaft one piece rear seal.

- A. Easily identified by tall metal 10 bolt front cover different from 5.7L.
- B. All 12 intake manifold bolts are at 90 degree angle to cylinder head machined surface.

#### 1996– 1998 807736R5

Balance shaft, no mechanical fuel pump, roller camshaft, one piece rear seal, “Vortec” cylinder heads with rocker ball & stud valve train.

- A. “Vortec” heads are easily identified. Only 2 bolts per corner on intake manifold. (8-total).
- B. The older crankshafts rear-flange are **0.123” longer**, and have a small pilot bushing hole on the back side.
- C. Plastic 6 bolt front cover.

#### 1999– 2002 864256A1

Balance shaft, no mechanical fuel pump, roller camshaft, one piece rear seal, “Vortec” cylinder heads with roller rocker arm valve train.

- A. “Vortec” heads are easily identified. Only 2 bolts per corner of intake manifold. (8-total).
- B. The cylinder head actually went to the “roller rocker arm” in 2000. Quicksilver Remanufacturing has elected to change coverage to coincide with the 1998/1999 crankshaft change as the customer would have to change flywheels to coincide with the crankshaft used. The 1999 customers will actually get a product improvement with the roller rocker arms and will not have to make any changes to their current parts.
- C. The crankshaft has a **0.123” shorter** rear flange and larger pilot bushing than previous versions.
- D. Plastic 6 bolt front cover.