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## *Product Instructions*

### **#25-100, 25-540, 25-560 SERIES BILLET SPIN-ON FILTERS**

The CM High Performance Filter uses a machined aluminum body for high strength, light weight and long life. With proper care this should be a "life time" housing. The filter element used in this housing is the same 8 micron element used in all of the CM Racing Filters. Like all CM filters, this is a full flow filter. It has no bypass.

#### **FILTER ELEMENT LIFE:**

Under normal conditions, the filter element life should be as follows:

- 25-100 Series: 13,000 miles street/700 miles racing
- 25-540 Series: 15,000 miles street/750 miles racing
- 25-560 Series: 20,000 miles street/1,000 miles racing

The filter element should be replaced at the first oil change on a new or on a rebuilt engine (500 - 1,000 miles), or following major engine work such as head removal. The filter element **MUST** be replaced should any engine failure occur. If this filter is used on diesel engines, or engines starting to exhibit excessive blow-by, element life is reduced by half.

**\*\*NOTE: THIS FILTER ELEMENT IS A DEPTH TYPE AND IS NOT CLEANABLE.**

#### **ELEMENT INSPECTION & REPLACEMENT:**

- 1) Remove filter from engine and drain oil into appropriate container.
- 2) Remove the end cap from the filter body by removing the five bolts and lifting the cap off.
- 3) Separate the element and cap by pulling apart with a twisting motion.
- 4) Inspect the element for indications of engine damage or excessive contamination. The element itself can be disassembled at this point for more in depth inspection if desired. To do this twist the element's steel top off, remove the cage, and unroll the filter media.
- 5) Inspect filter seals for damage and replace as needed.
- 6) Reinstall cap and new element. Slide new element into filter body. Thoroughly oil cap seal and align cap with the element and mounting holes on filter body.
- 7) Finger tighten all cap bolts first then use a criss-cross pattern to evenly tighten cap to filter. (4-7 ft lbs.) **DO NOT OVERTIGHTEN.**
- 8) Lightly oil base gasket and fill filter with oil. Reinstall filter onto engine. Tighten filter  $\frac{1}{4}$  turn once base gasket contacts sealing surface. **DO NOT OVERTIGHTEN.**