**Original Tiger Engine Study**

I have been studying all the stock Tiger engine group configurations from the Ford part number point of view.   Hopefully this study will add some details to the collective knowledge base of Tigers and eventually clear up some details about the Tiger engines.

**I'm not asking you to tear your engine down for any of this**.  I'm only asking for numbers that are easy to see; I note the hard ones.  The hard ones to see would be nice to record for each engine but not necessary.   They can be added at a later date if they become available.

I personally believe all Tiger owners should know these numbers.   They give you another means of ID.

If you have other Ford engine parts you would like identified; I'll be glad to help you, just ask.

I'm looking at stock Tiger engines with original stock Ford parts for this Study but all information is welcome Stock or not and I hope you are willing to participate with the following information:

**Tiger Vin number** –

**Ford engine number** -

On Vin Tag and original valve cover Tag

**JAL or Body # -**

**Valve cover Tag type -**

[   ]    ROOTES LTD

[   ]    SUNBEAM LTD

**Special Order number** - SO # -

On original valve cover Tag

**Model #** -

On original valve cover Tag

**Engine block color -**

There is a question about the shade of blue that some of B19KC and MK II engines were painted.   If you have a blue engine can you relate the shade of blue or send a picture

**Engine casting number -**

**Engine casting date -**

These numbers are just above the starter.  If the engine is not out of the car, do not include these numbers unless you know what they are.

**Engine build date** -

This number is stamped into a machined pad on the block, left side above one of the water pump bolts, below the distributor and forward of the Left head. This # maybe gone if the engine was machined

If you have the original oil filter set up; the number is on the other side of the bracket towards the timing cover; you might not be able to see it well.

**Intake manifold casting number -**

**Intake manifold casting date -**

These numbers are on the front 2 runners, the casting date looks like a small plate on the lower runner

**Engine Tag numbers -**

This is an aluminum Tag mounted to the intake manifold at the left side of the carb and has 2 rows of numbers. **If you do not have this Tag, please state that.**

**Distributor ID numbers and date code -**

ID numbers and date code on the distributor are the ones inside the embossed rectangle with the Ford Logo.

**Carb ID numbers - both lines of numbers or just ID # from carb base plate**

There maybe an aluminum Tag on top of the carb or you can look just in front of the throttle linkage on the carb base plate; both ID numbers should be the same.

All the numbers on the Tag are important; there are only 3 or 4 digits stamped into the carb base plate.

**RT Head casting # -**

**Casting date -**

**Only if you have the engine apart**; the casting numbers are on the down side of the head; **the casting date is under the valve cover**

**LT Head casting # -**

**Casting date -**

**Timing Cover Casting #** - This number is impossible to see in the car.  It is behind the harmonic balancer.  **The balancer must be off to see the number.**

**Visual inspection** - look at the Gen/ Alt side of the timing cover - **check one**

[   ]    C3OE-B Oil filler area has a freeze plug

[   ]    C4AE-B Oil filler area is cast closed

[   ]    C4OE-A Oil filler area is eliminated

[   ]    C5OE-A1 Mk II 289 engine

**Casting Date** - **Year and Month** - This is a circle with a number - the year - there are also dots in the circle - I believe they represent the month.  It is also behind the balancer so unless you have the engine apart you can not see this date code.

**Ink Stamp Pictures**

Ford used ink stamps on the ignition coil, generator, alternator and starter motor.  If you can see them, please take a picture of them for this study.

**These ink stamps are fragile; they can easily be wiped off with solvents so be gentle if you find any of them**.

[ ] Ignition coil

[ ] Generator

[ ] Alternator

[ ] Starter

**Pictures are welcome and encouraged**

Thank you for your help.

Ron Fraser

rfraser@bluefrog.com