



Alternate Firing Ordering Camshaft LLY Wire Swap

Stock Firing Ordering:

1 – 2 – 7 – 8 – 4 – 5 – 6 – 3

Empire Firing Order:

1 – 5 – 6 – 3 – 4 – 2 – 7 – 8

2 & 5

Swap

7 & 6

Swap

8 & 3

Swap

1 & 4

Do Not Swap

2004.5 – 2005 LLY

#2 – White/Yellow – C2-121

#5 – Red/Light Green – C2-116

#6 – Dark Blue/White – C1-59&60

#7 – White/Red – C1-61&62

#8 – White/Green – C2-120

#3 – White/Blue – C2-115



Note: The numbers next to the colors are in reference to the FICM connectors.

Note 2: Do not remove timing key or washer. They are there to ensure the cam works properly.

Note 3: When setting the valve lash it is recommended to check the compression stroke of each individual cylinder. This is to help make sure you are setting things correctly

MINIMUM OF .050 THOU CRUSH HEAD GASKET RECOMMENDED TO INSTALL ALTERNATE FIRE CAM (EX. GM C GRADE HEAD GASKETS & COMETIC .060 HIGH PERFORMANCE STEEL MULTI USE HEAD GASKET)