



Alternate Fire Order Camshaft LB7 Wire Swap

Stock Firing Order:

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

2001 LB7 Duramax

#2- Light Green

#5- Light Green/Red

#6- Light Green/Purple

#7- Light Green/Orange

#8- Light Green/Blue

#3- Light Green/Black

2002 - 2004 LB7 Duramax

#2- Light Green

#5- Light Green/Red

#6- Light Green/Purple

#7- Light Green/Orange

#8- Light Green/Green

#3- Light Green/Black

Locate the plastic cover on your wire harness and gently remove to expose wires.



After opening cover you will see all the wires that need to be swapped located inside.



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

Note 2: 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)