



Double check Coil pack firing order and spark plug wires at cylinder end

Ford uses Waste Spark, inside the coil pack are only 3 coils, each coil fires TWO spark plugs at the same time, 1 spark is "wasted" hence the name "waste spark system" (this was the very first spark system ever used and your lawn mower still uses it, any engine that uses a magneto uses it)

So since 2 spark plugs spark at the same time they need to be Matched Sets on the coil pack, or you will get misfires.

The match sets are

3 4

2 6

1 5

the 1 2 3 on one side often causes people to do the other side as 4 5 6, which of course would cause misfires, its 5 6 4

Match pairs can be reversed

4 3

2 6

5 1

For example

because both spark at the same time that doesn't matter

But it does matter which coil in the pack each one is on

center coil will always be 2 6 or 6 2

But each end coil will matter, and this usually can be determined by which side the 4 wire connector is on.

Image here: <https://static.cargurus.com/images/s...1600x1200.jpeg>

But there are coil packs that reverse 3/4, 1/5 positions as well even with connector in the same place.

But you would really notice if that was happening, more likely a no start than a misfire 😊

But check the 5 and 6 wires from plug to coil pack, then check them again, then have someone else check them, lol

