

700414 & 700444 - PSA y Ford

Differences between EGR valves

Valeo technical assistance has detected a common doubt about two EGR valve P/N, **700414 & 700444**. At first look, those two references are physically identical, but they apply to completely different applications.

Those two valves have NO perceptible DIFFERENCE, but they work under different parameters and different applications, **MAKING THEM NON INTERCHANGEABLE** between them.

Regarding the description:

- **700414 – EGR PSA** > Negative and positive circuit closure, working voltage level at 5V, PSA pollution standard program, valve position signal with potentiometer.
- **700444 – EGR FORD** > Circuit closed to negative and positive, working voltage level 4.5V

If those two valves are interchanged by mistake, the signal sent to the ECU (Electronic control unit) will not be correctly decoded by the EGR valve. Consequently, the information transmitted will not be the one expected by the ECU, preventing the valve from working correctly.

In certain cases, with the wrong application fitted, the EGR may provoke an information failure in the ECU. This will make necessary to reprogram the ECU, after receiving information outside of parameters.

