

Typical Content Changes for Non-PZEV E85 FFVs

- Fuel system materials improved for corrosion resistance
 - Pump, level sender, OBD pressure sensor, fuel injectors, seals
 - These changes also needed for E20 compatibility in the U.S.
- Higher fuel pump and injector flow capacity compensates for E85 energy density
- Cylinder head and valve materials
- Software/calibration to detect fuel blend and optimize operation
 - Virtual fuel sensor (software algorithm) identifies blend (or FlexFuel sensor)
 - Fueling and spark tailored to fuel characteristic (boost if turbocharged)

