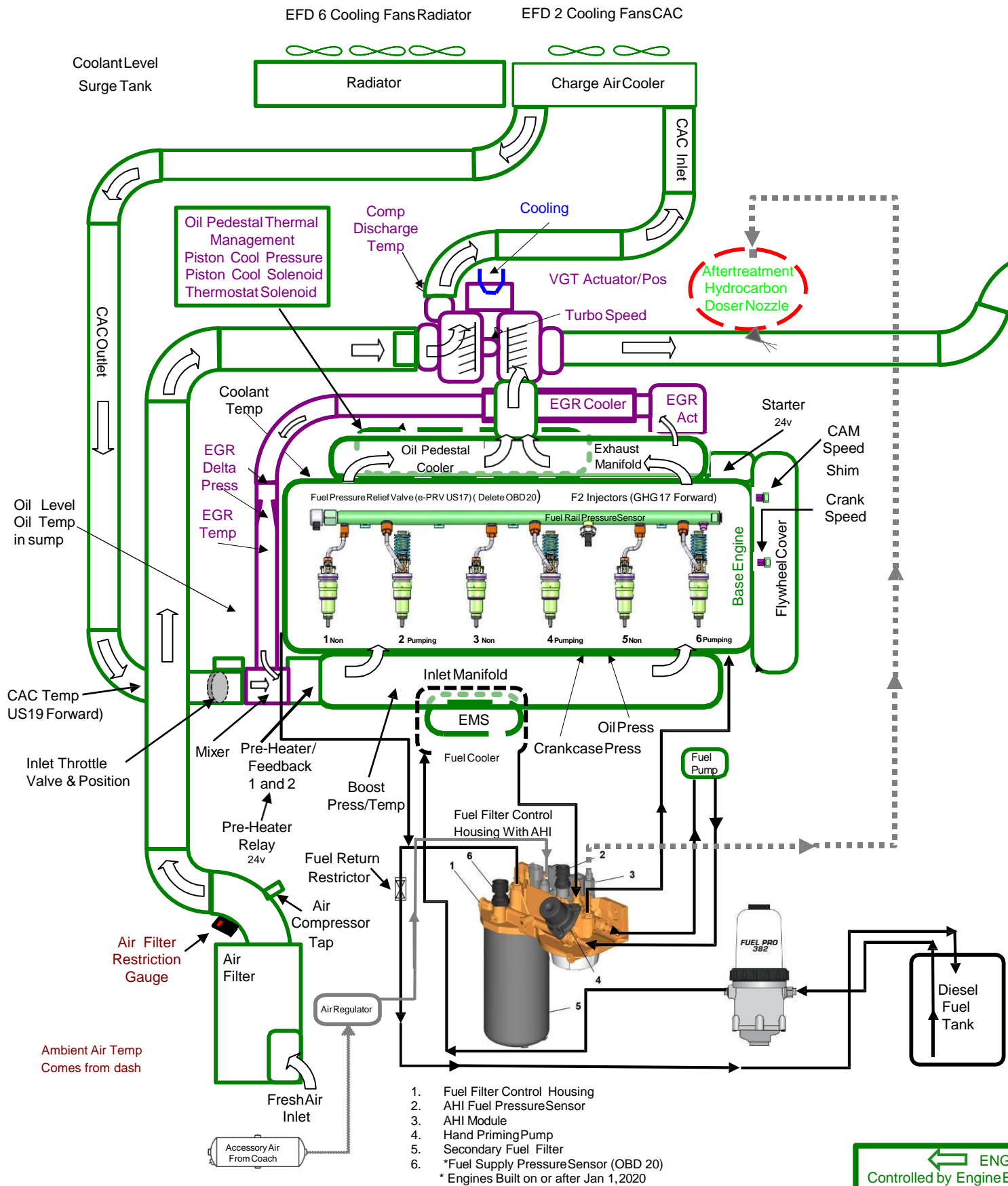


Prevost 2017- 2020 Engine and Exhaust Aftertreatment System (EATS) Graphic



DPF (uses Diesel Fuel)
 The DPF filter captures soot (Black Smoke). Internal DOC and DPF filters are replaceable. Fuel injection in exhaust pipe hits DOC and it creates heat. Heat burns soot to ash in DPF filter which fills the closed end ceramic tubes in filter. When DPF filter is full of ash it is removed and is "shake and baked" to remove ash and restore clean ceramic tubes.

SCR (uses DEF/UREA)
 The SCR reduces NOx (Smog). No Internal Service Parts. The DEF (Urea) is injected by UDS pump and is absorbed in the SCR bed. The DEF is vaporized and held by the cells in the SCR bed to permit it to react with, and reduce the NOx. The Pre-CAT and Post-CAT NOx sensors are an input to determine how much DEF to inject.

