

ENGINE EXHAUST SYSTEM

1792-01

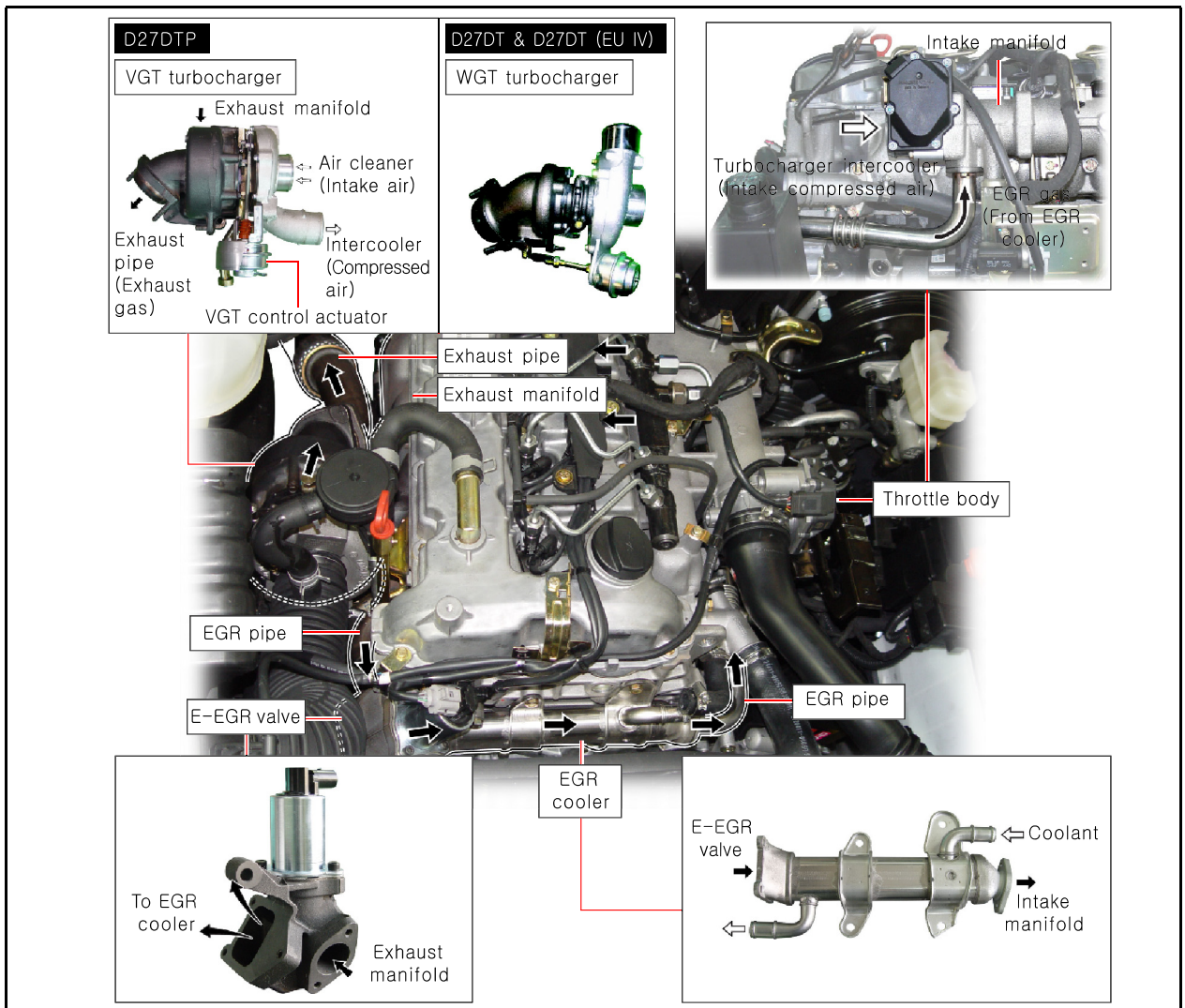
OVERVIEW AND OPERATION PROCESS

1. COMPONENTS

The components of the exhaust system for the D27DTP (POWER UP) engine have been changed as follows:

1. E-EGR valve: Controlling the EGR valve electrically and sends the valve location signal to ECU (vacuum modulator control has been deleted)
2. EGR cooler: Decreasing EGR gas (NOx) efficiently by cooling the EGR gas and let it flow to the intake pipe
3. VGT turbocharger: Increase in capacity and performance compared to D27DTP & D20DT engine

The EGR system has been changed to control NOx more efficiently and the VGT turbo charger has been changed to increase the engine power. For more details, refer to the next description. The exhaust system for D27DTP (POWER UP) engine is as follows:



Modification basis	
Application basis	
Affected VIN	

ENGINE GENERA
ENGINE FUEL
ENGINE INTAKE
ENGINE EXHAUST
CDPF (EURO IV)
ENGINE LUBRICA
ENGINE COOLING
ENGINE ELECTRI
ENGINE CONTROL
CRUISE CONTROL