

# ENGINE INTAKE SYSTEM

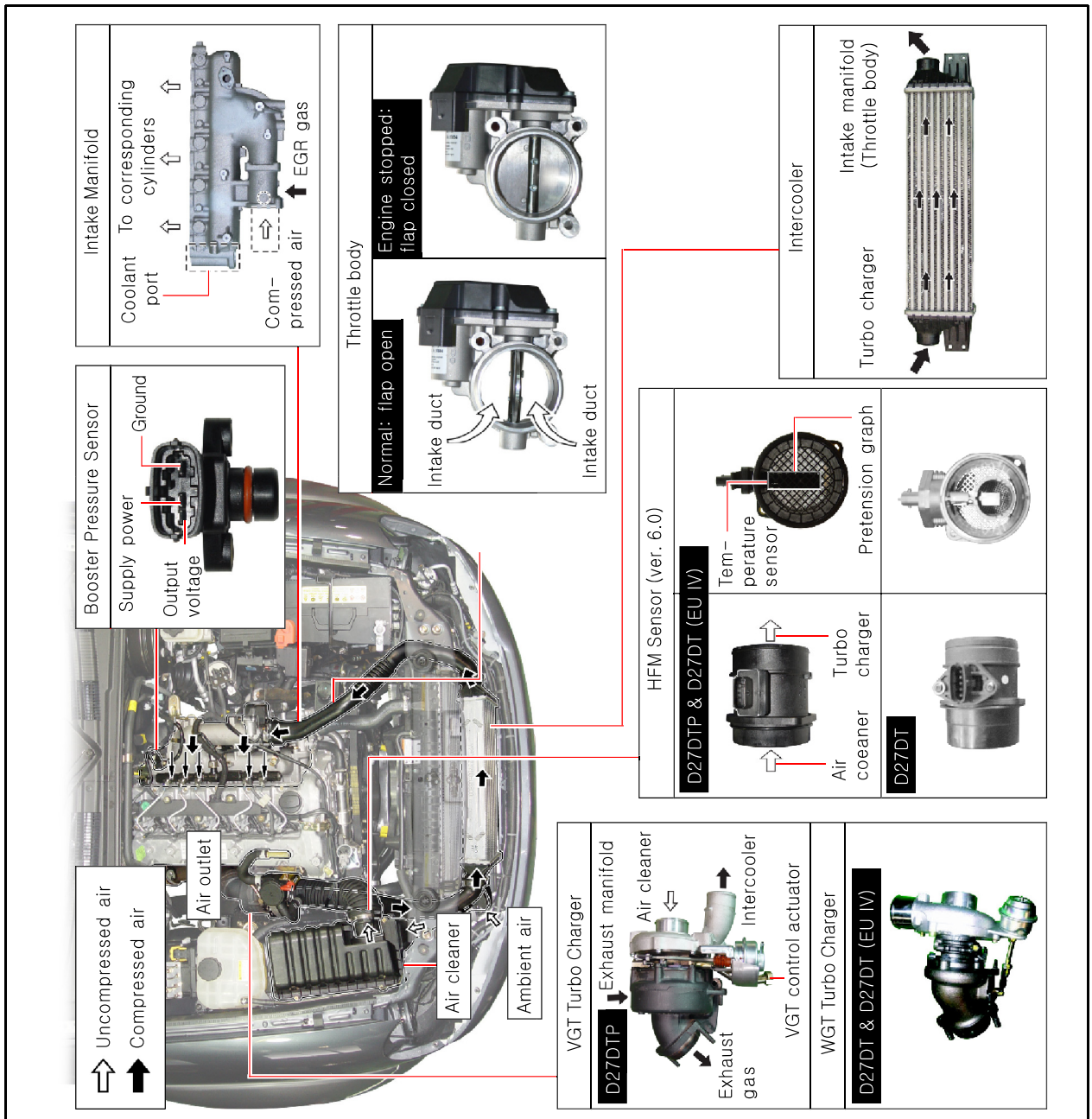
**2321-01**

## OVERVIEW AND OPERATION PROCESS

### 1. INTAKE SYSTEM LAYOUT

The intake system for the D27DTP (POWER UP) engine is equipped with the throttle body that has a flap to block the air coming to the engine when the engine is switched off. Therefore, the structure of the intake manifold has been changed.

Also, the improved HFM sensor (from HFM5.0 to HFM6.0) has been installed to control the intake air precisely so that the NOx in the exhaust gas can be decreased.



Modification basis	
Application basis	
Affected VIN	