

## ENGINE INTAKE SYSTEM

2321-01

### OVERVIEW AND OPERATION PROCESS

#### 1. OVERVIEW

The intake system for the D20DT (EURO 4) 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.

ENGINE  
ASSEMBLENGINE  
FUELENGINE  
INTAKEENGINE  
EXHAUSTENGINE  
LUBRICAENGINE  
COOLING

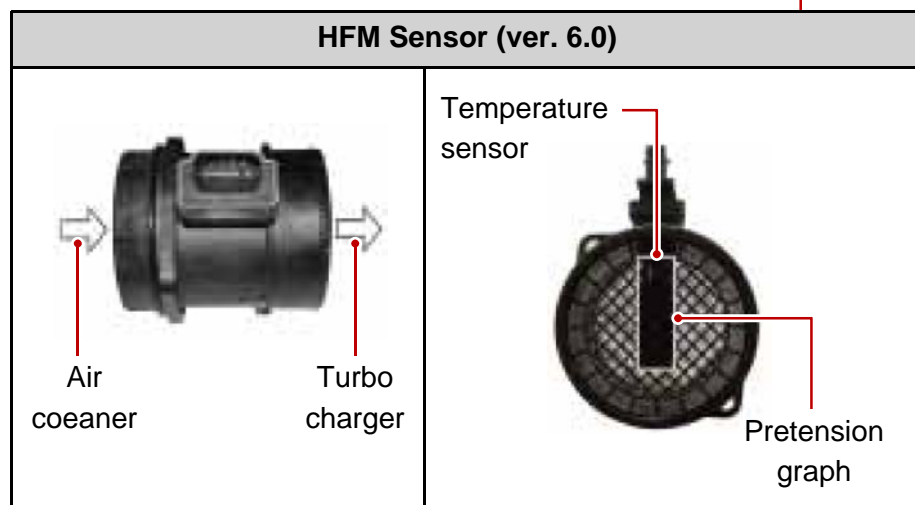
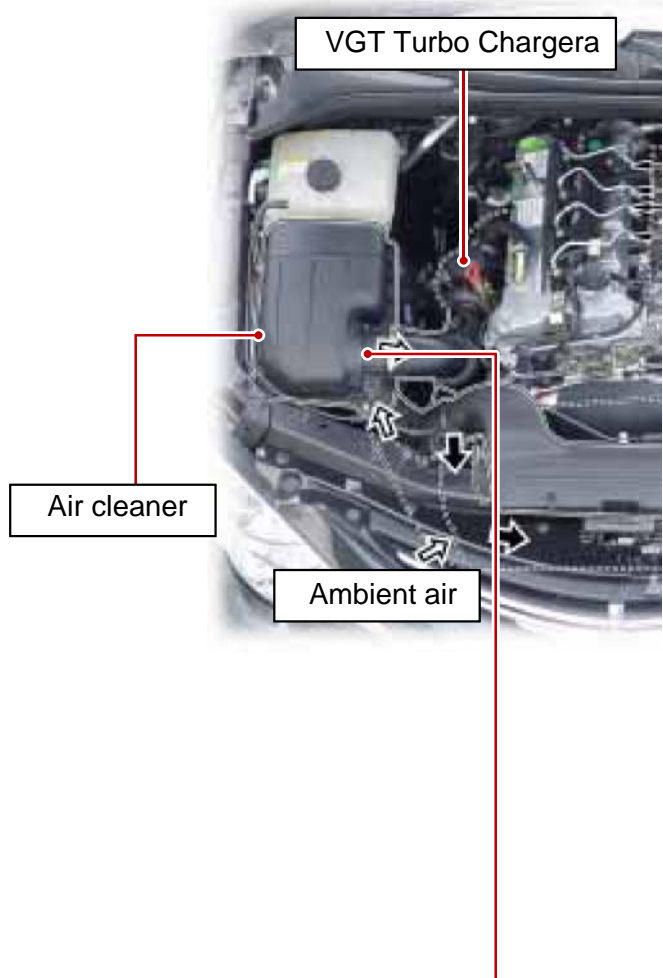
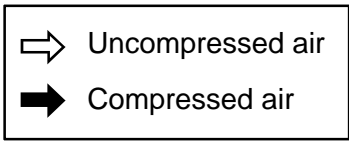
ECU

CDPF

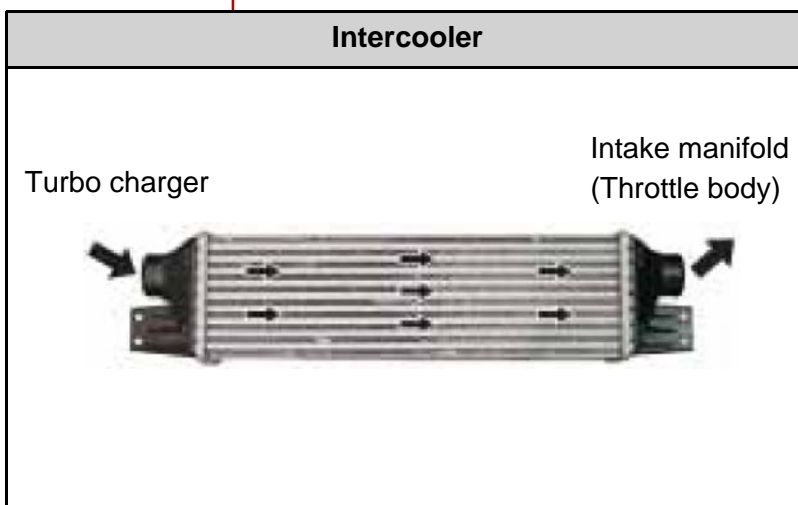
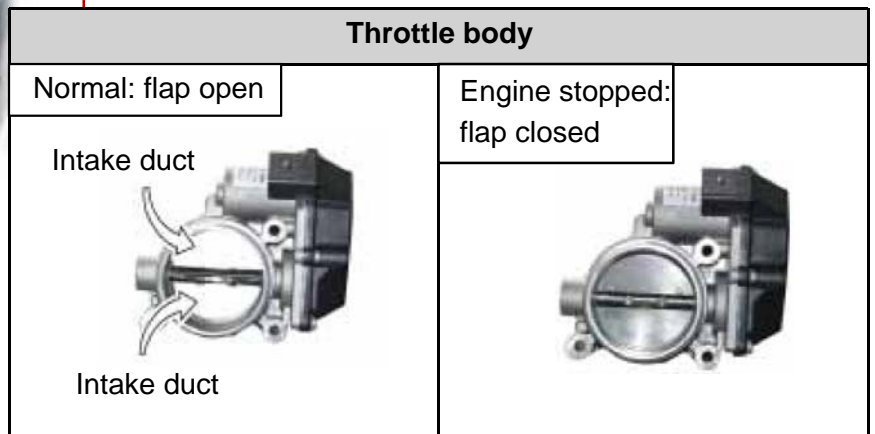
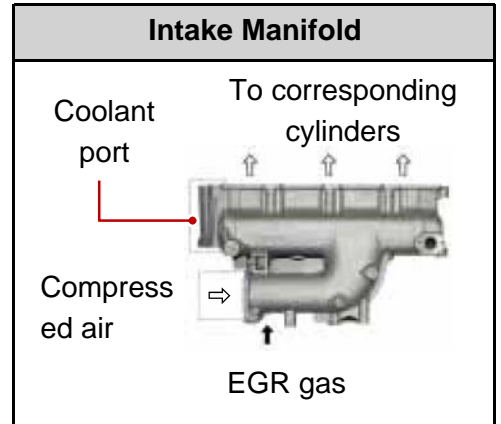
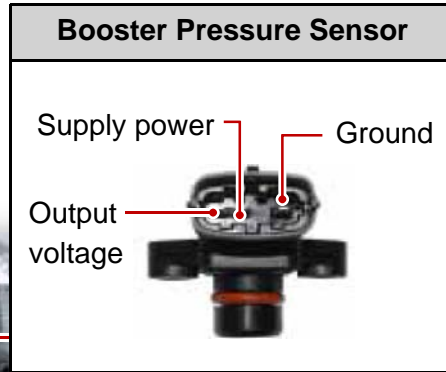
CRUISE  
CONTRO

Modification basis	
Application basis	
Affected VIN	

## 2. INTAKE SYSTEM LAYOUT



Modification basis	
Application basis	
Affected VIN	



ENGINE ASSEMBLY  
ENGINE FUEL  
ENGINE INTAKE  
ENGINE EXHAUST  
ENGINE LUBRICATION  
ENGINE COOLING  
ECU  
CDPF  
CRUISE CONTROL

Modification basis	
Application basis	
Affected VIN	