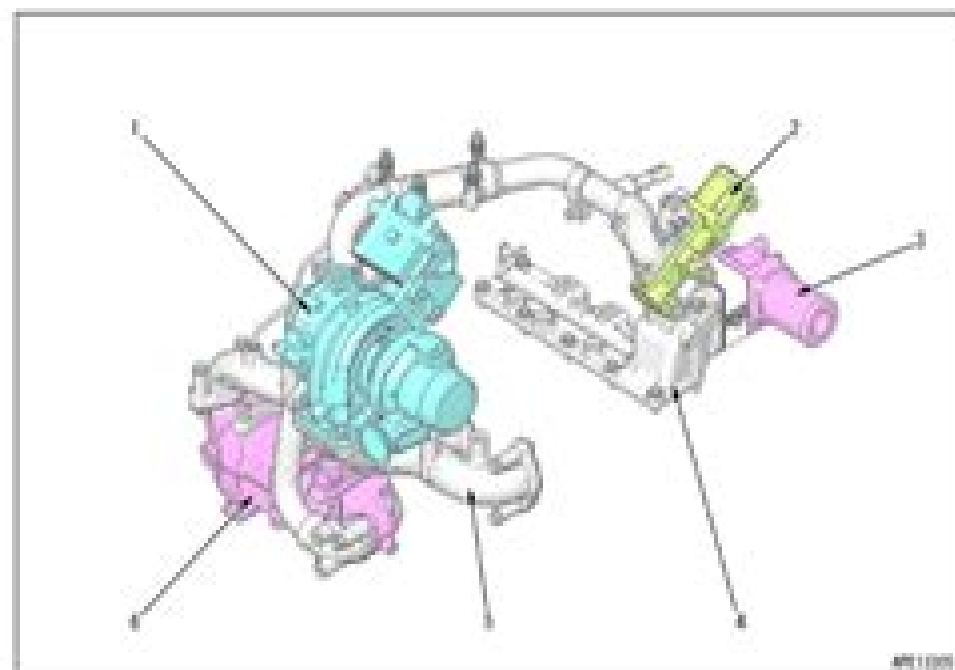


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10 STRUCTURE AND FUNCTION

COMPONENT PARTS OF ENGINE SYSTEM



- 1: VGT
- 2: EGR valve
- 3: Intake connector

- 4: Intake manifold
- 5: Exhaust manifold
- 6: EGR cooler

FUNCTION OF EGR SYSTEM

REMARK

Four cylinder engine is shown in this item.

- EGR valve (electric motor driven type) (2) controls the gas flowing from the exhaust section to the intake section.
Since the exhaust pressure is higher than the boost pressure, the exhaust gas flows to the intake side.
- EGR cooler (6) cools down the exhaust gas.
Engine coolant is used for cooling.

Komatsu Hb215lc 1 Hydraulic Excavator Service Repair Manual

Ian Pickup



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