

INTAKE-AIR SYSTEM [L3 WITH TC]

AIR CHARGING SYSTEM FUNCTION [L3 WITH TC]

E6U011313240S01

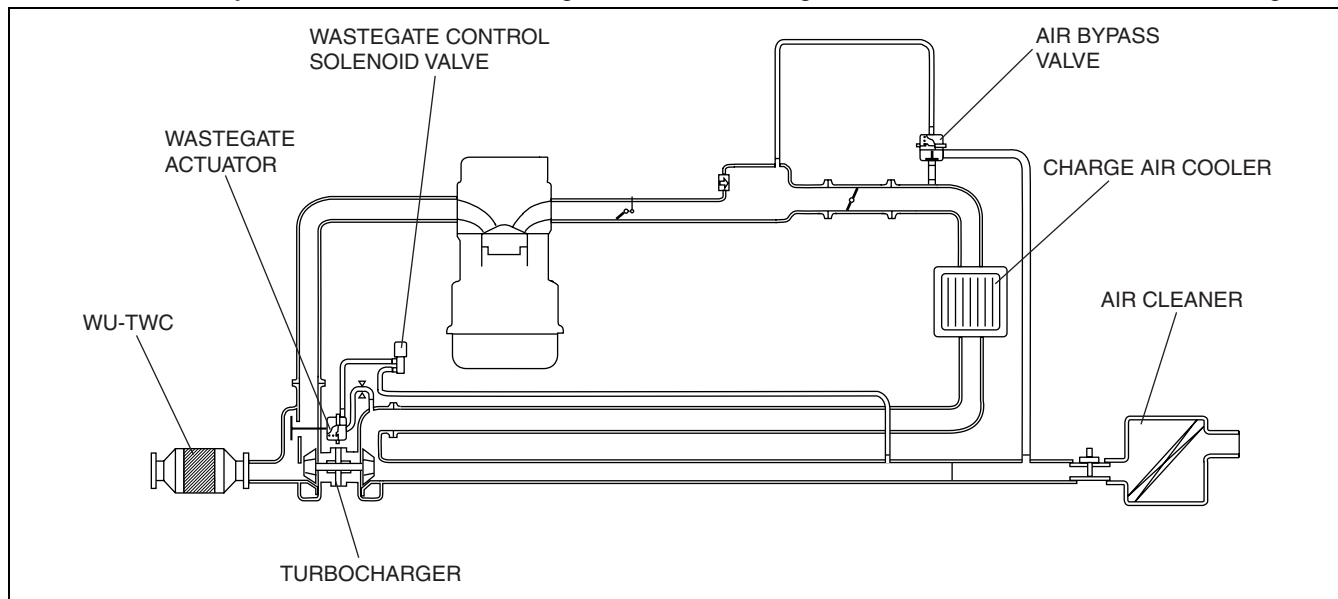
- A wastegate type turbocharger has been adopted for the air charging pressure system, which utilizes exhaust gas pressure to pressurize the intake air and forcefully blow the air to the cylinder. Due to this, power efficiency, driveability, and fuel economy have been improved. Furthermore, with the adoption of the wastegate solenoid valve, the wastegate actuator operation is controlled to heighten the pressure during turbocharger operation.

AIR CHARGING SYSTEM CONSTRUCTION/OPERATION [L3 WITH TC]

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Construction

- The intake air system consists of the wastegate actuator, wastegate control solenoid, and the turbocharger.



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