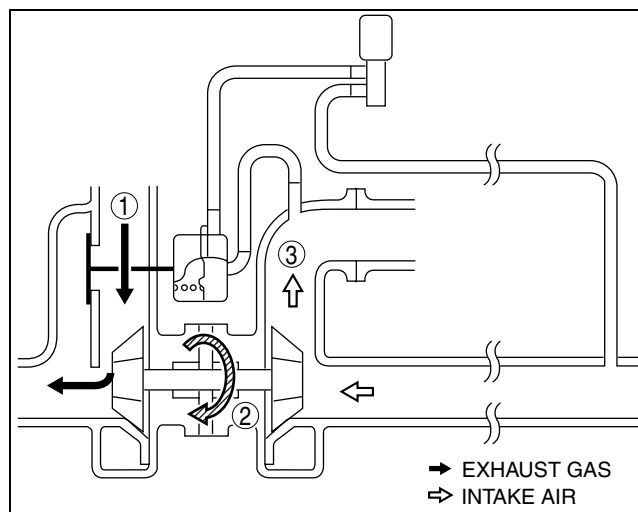


## INTAKE-AIR SYSTEM [L3 WITH TC]

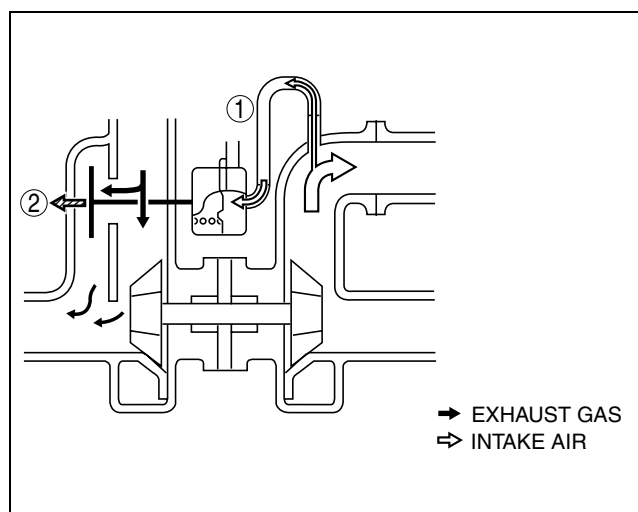
### Operation

- Normal operation: Exhaust gas pressure rotates the turbine causing the turbine on the intake air side above the coaxial to rotate so that it pressurizes the intake air and sends it to the engine.



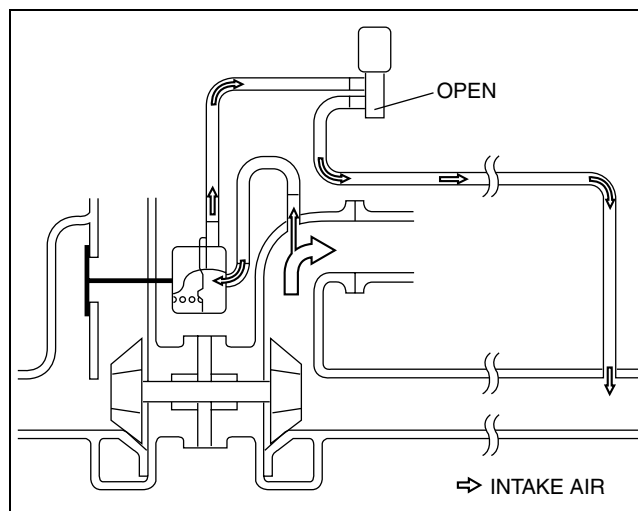
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- When air charging pressure is too high: If the air charging pressure exceeds a specified value, the wastegate opens by this pressure. Turbine rotation lowers due to the exhaust gas pressure escaping from the wastegate, and the intake air pressure lowers.



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- Turbocharger operation begins: When the wastegate operation begins, increased intake air pressure is necessary. Due to this, the wastegate valve does not open even if the intake air pressure reaches the pressure to operate the wastegate actuator.



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