

ECD SYSTEM (for CCo) > Turbocharger Oil Leak and White Smoke

DESCRIPTION

INSPECTION PROCEDURE

CHECK TYPE OF OIL LEAK

REPLACE THE PART WHICH IS LEAKING OIL

CHECK WHETHER WHITE SMOKE IS EMITTED

CHECK DTC OUTPUT (RELATED TO ENGINE)

CHECK WHITE SMOKE (ACCORDING TO ENGINE CONDITION)

CHECK TEMPERATURE WHEN WHITE SMOKE IS EMITTED

INSPECT GLOW PLUG ASSEMBLY (RESISTANCE)

CHECK INJECTOR COMPENSATION CODE

CHECK FUEL SYSTEM (DIESEL INJECTION SYSTEM)

INSPECT EGR VALVE ASSEMBLY

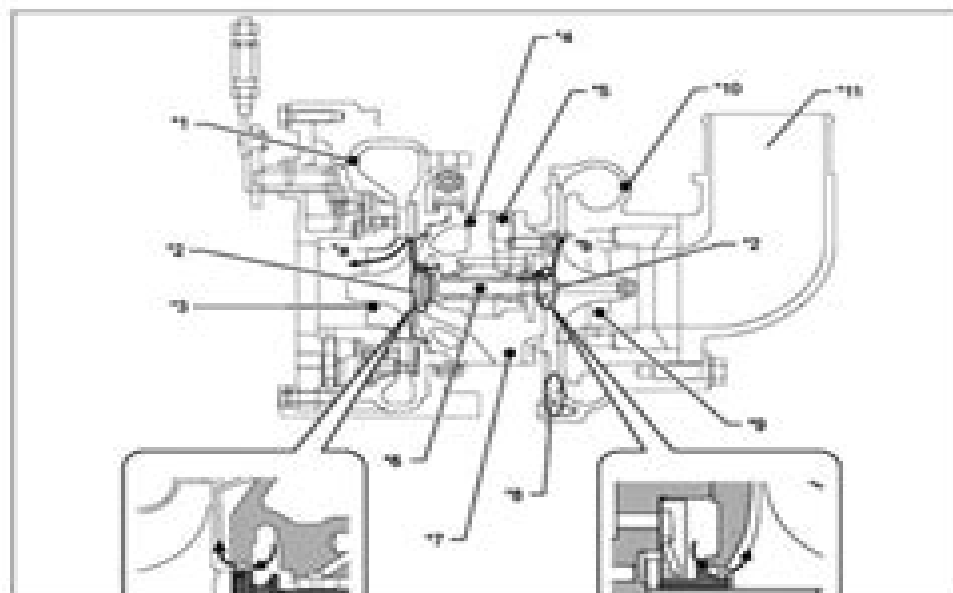
CHECK CYLINDER COMPRESSION

REPLACE TURBOCHARGER SUB-ASSEMBLY

CONFIRM WHETHER MALFUNCTION HAS BEEN SUCCESSFULLY REPAIRED

REMARK

- Turbocharger oil leaks are classified into 2 types. One is an internal oil leak, and the other is an external oil leak.
- When oil leaks and smoke occur, sometimes the turbocharger is mistakenly replaced, even though the turbocharger is not the cause of the problem.
- When there are oil marks on the surface of the compressor housing, or oil in the compressor inlet or outlet, the problem may mistakenly be determined to be a turbocharger oil leak.
- Each part of the turbocharger is shown below.



Toyota Avensis Repair Service T27 Manual

J Elliott



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