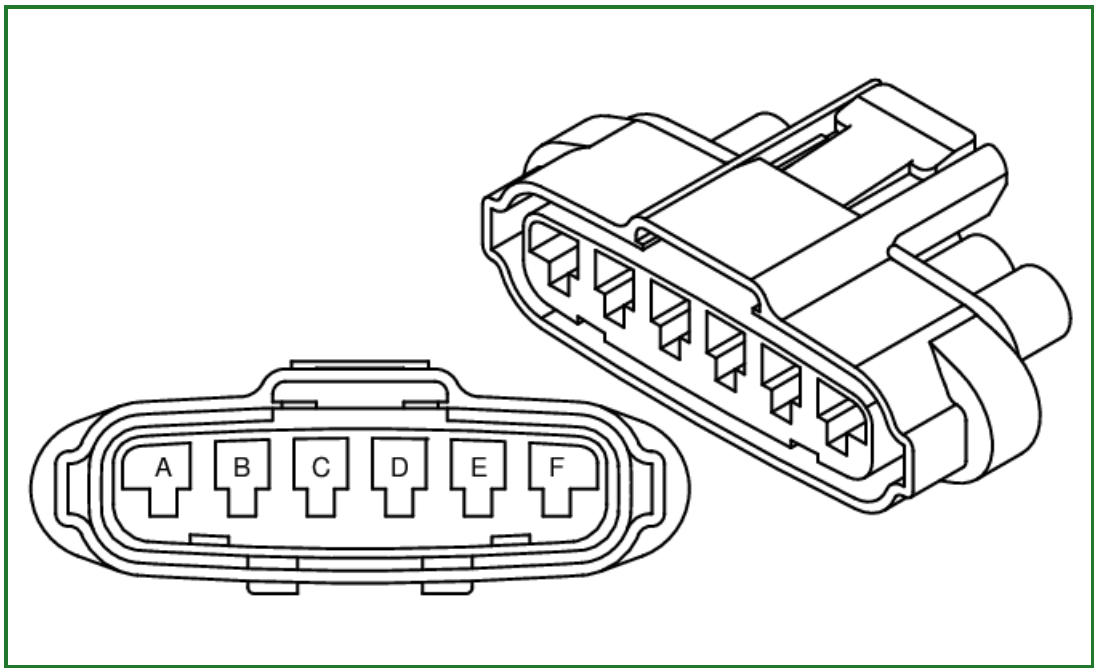


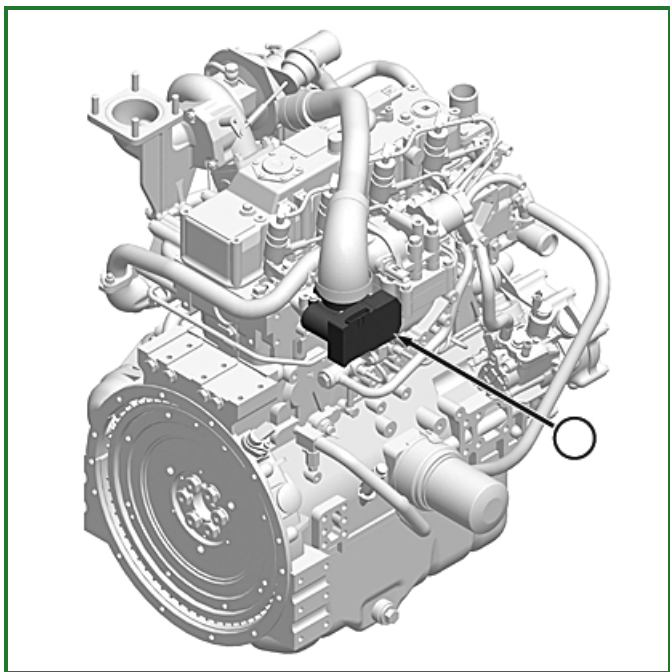
Y5401 — Air Throttle Actuator



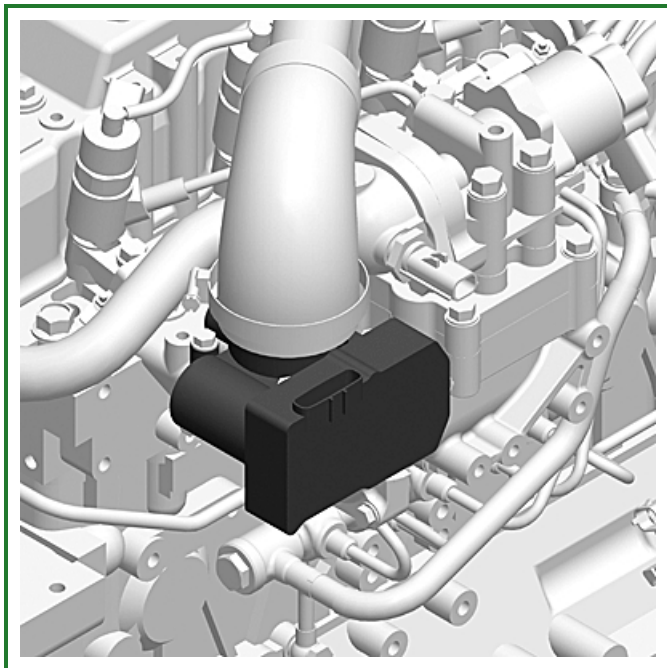
RG21187-UN: 6-Pin Connector

-: Connector Information

Pin	Description	Circuit Number	Wire Color
A	Air Throttle Actuator Drive Low	01-20	Blue
B	Air Throttle Actuator Drive High	01-19	Yellow
C	Return	02-52	Brown
D	Not Used	Not Used	Not Used
E	Supply (5 V)	02-23	Red
F	Signal	02-20	Green



RG21756-UN: Air Throttle Actuator Location Overview



RG21757-UN: Y5401

NOTE:

Turbocharged engine is shown, naturally aspirated engine similar.

The air throttle actuator is located between the wastegate turbocharger and the intake manifold and is normally open. An electric motor opens and closes the butterfly valve. To raise the exhaust gas temperature before and during DPF active regeneration, the ECU commands the air throttle actuator to close. The ECU receives position feedback from a sensor located inside the throttle assembly.

For more information, see [Air Throttle Actuator Operation](#) in Section 03, Group 135.

Go to [Section_03:Group_140](#)

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