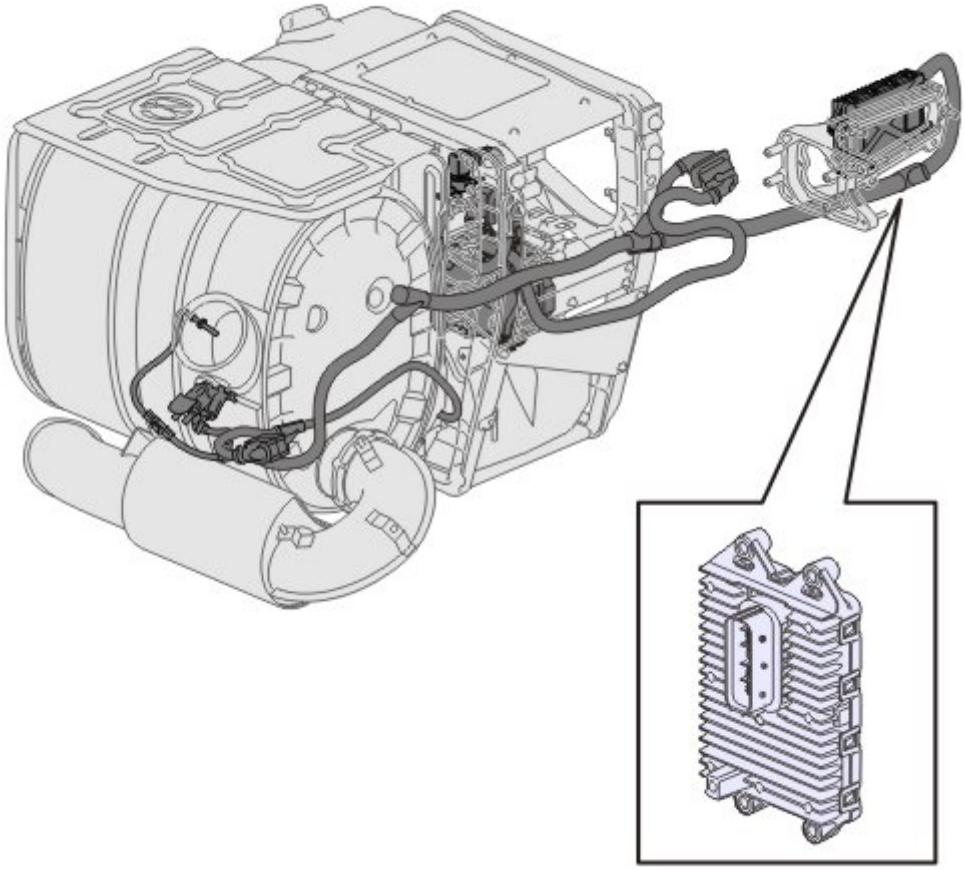
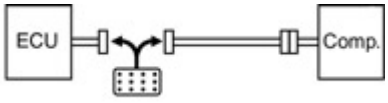


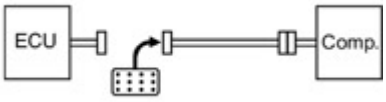
Fault type	Condition for Fault	Observable Symptoms	Possible cause
P2670 FTB 00	• The current at pin A174:60 is above normal value.	• None.	• Wiring harness. • Connector. • Y81: Tank heater valve. • YB97: Solenoid valve, Air Control / AdBlue Temperature Sensor. • M49 : Dosage control unit, pump unit.

Voltage Measurement:



Measuring	Key position	Measurement points		Reference value	Measured value	Other (Special tool No.)
		Breakout box	Wiring diagram			
Supply voltage check	ON	60 – 61	A174.A:60 – A174.A:61	V = 20 V - 30 V		88890074, 9990014, 9998699
Supply voltage check	ON	3 – 61	A174.A:3 – A174.A:61	V = 20 V - 30 V		88890074, 9990014, 9998699

Resistance Measurement:



Measuring	Key position	Measurement points		Reference value	Measured value	Other (Special tool No.)
		Breakout box	Wiring diagram			
Ground check	Off	55 – Chassis ground point.	A174.A:55 – Chassis ground point.	R = 0 Ω – 5 Ω		88890074, 9990014, 9998699
Ground check	Off	58 – Chassis ground point.	A174.A:58 – Chassis ground point.	R = 0 Ω – 5 Ω		88890074, 9990014, 9998699
Ground check	Off	61 – Chassis ground point.	A174.A:61 – Chassis ground point.	R = 0 Ω – 5 Ω		88890074, 9990014, 9998699
Short circuit to battery voltage Check	Off	62 – 60	A174.A:62 – A174.A:60	R = Open circuit		88890074, 9990014, 9998699
Short circuit to battery voltage Check	Off	16 – 60	A174.A:16 – A174.A:60	R = Open circuit		88890074, 9990014, 9998699



Measuring	Key position	Measurement points		Reference value	Measured value	Other (Special tool No.)
		Breakout box	Wiring diagram			
Short circuit to battery voltage Check	Off	60 – All other pins at connector A174, Except A174.A:57 and A174.A:53	A174.A:60 – All other pins at connector A174, Except A174.A:57 and A174.A:53	R = Open circuit		88890074, 9990014, 9998699
Short circuit to battery voltage Check	Off	62 – 60	A174.A:62 – A174.A:60 (Disconnect Y81 connector)	R = Open circuit		88890074, 9990014, 9998699
Short circuit to battery voltage Check	Off	62 – 60	A174.A:62 – A174.A:60 (Disconnect YB97 connector)	R = Open circuit		88890074, 9990014, 9998699
Short circuit to battery voltage Check	Off	16 – 60	A174.A:16 – A174.A:60 (Disconnect M49 connector)	R = Open circuit		88890074, 9990014, 9998699

- Check that the fuse FA2 is free from faults and its supply wire having voltage (20 V - 30 V).
- Check that the fuse F38 is free from faults and its supply wire having voltage (20 V - 30 V).