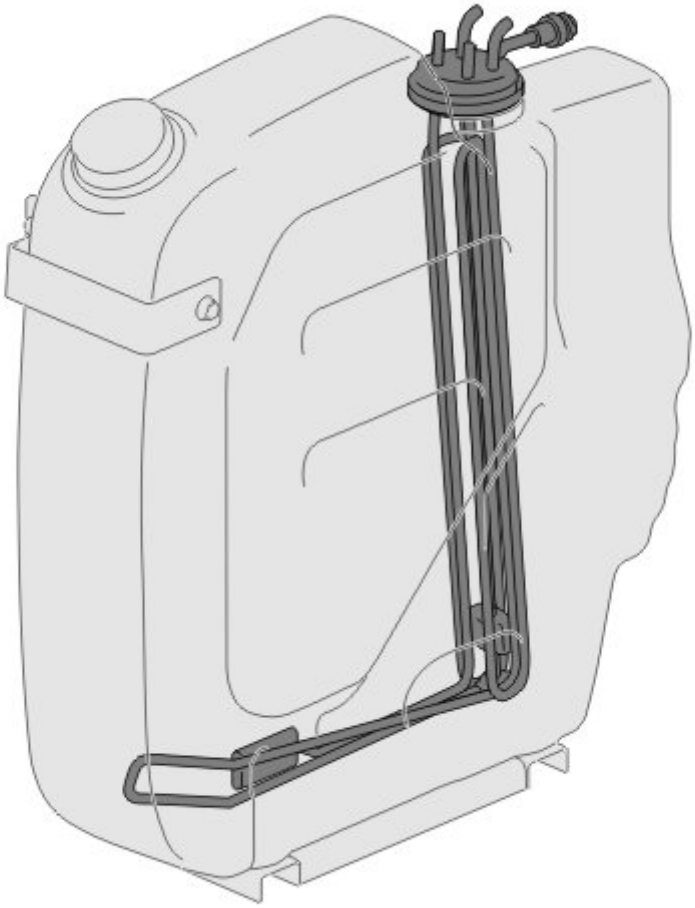
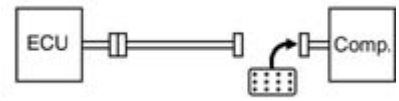


Fault type	Condition for Fault	Observable Symptoms	Possible cause
P205A FTB 13	• Open circuit between Control unit and Sensor.	• Engine derate.	• Connector. • Wiring harness. • Short circuit to higher voltage, Signal wire. • Open circuit on signal wire. • Open circuit, Ground wire. • Temperature sensor, AdBlue tank

Resistance Measurement:



Measuring	Key position	Measurement points		Reference value	Measured value	Other (Special tool No.)
		Breakout box	Wiring diagram			
Sensor signal check	Off	45 – 46	B142:3 – B142:4	R = Reference table		9998699, 88890167, 88890074



Measuring	Key position	Measurement points		Reference value	Measured value	Other (Special tool No.)
		Breakout box	Wiring diagram			
Open circuit check	Off	18 – 45	A174.A:18 – B142:3	R = 0 Ω – 10 Ω		9998699, 88890167, 999014 88890074
Open circuit check	Off	54 – 46	A174.A:54 – B142:4	R = 0 Ω – 10 Ω		9998699, 88890167, 999014 88890074

Reference Table:

[°F]	[ ]	MIN > [ ]	R MAX < [ ]
-4	-20	44095,0	46505,0
23	-5	19437,6	20182,4
32	0	15049,1	15550,9
41	5	11743,3	12076,7
50	10	9230,7	9449,3
59	15	7308,6	7447,4
68	20	5826,7	5911,3
77	25	4676,5	4723,5
86	30	3763,0	3813,0
122	50	1672,5	1715,5
158	70	809,0	838,8
194	90	419,9	440,7