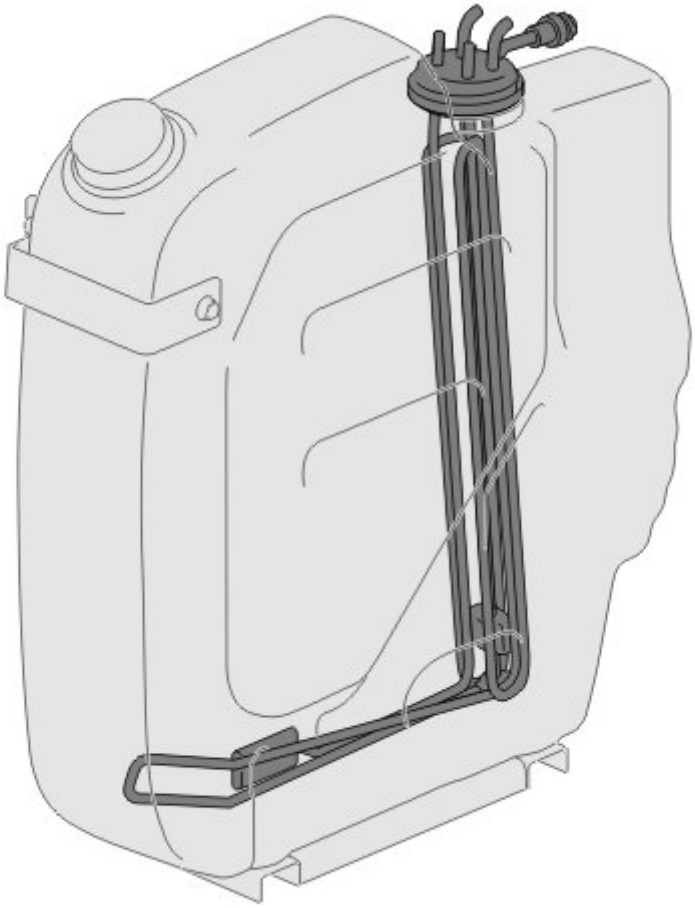
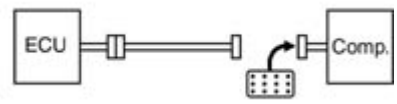


Fault type	Condition for Fault	Observable Symptoms	Possible cause
P205B FTB 64	• The temperature in the tank is below normal.	• None..	• Temperature sensor, AdBlue tank • Wiring harness. • Tank heater valve. • DEF Tank Heating Valve installed backwards.

Visual inspection:

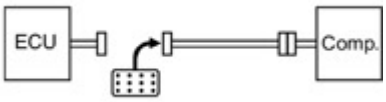
- Check coolant inlet and outlet lines for signs of damage that could cause poor coolant flow to the actuator.
- Visual check the Adblue Tank heater valve and coolant hose.
- Check the tank temperature by using thermometer (9998519), Expected value: MIN / MAX: -40 °C / 215 °C

Resistance Measurement:



Measuring	Key position	Measurement points		Reference value	Measured value	Other (Special tool No.)
		Breakout box	Wiring diagram			

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			
Sensor signal check	Off	18 – 54	A174.A:18 – A174.A:54	R = Reference table		9998699, 9990014, 88890074



Measuring	Key position	Measurement points		Reference value	Measured value	Other (Special tool No.)
		Breakout box	Wiring diagram			
Short circuit between wires check	Off	45 – All other pins at connector B142	B142:3 – All other pins at connector B142	R = Open circuit		9998699, 88890167, 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