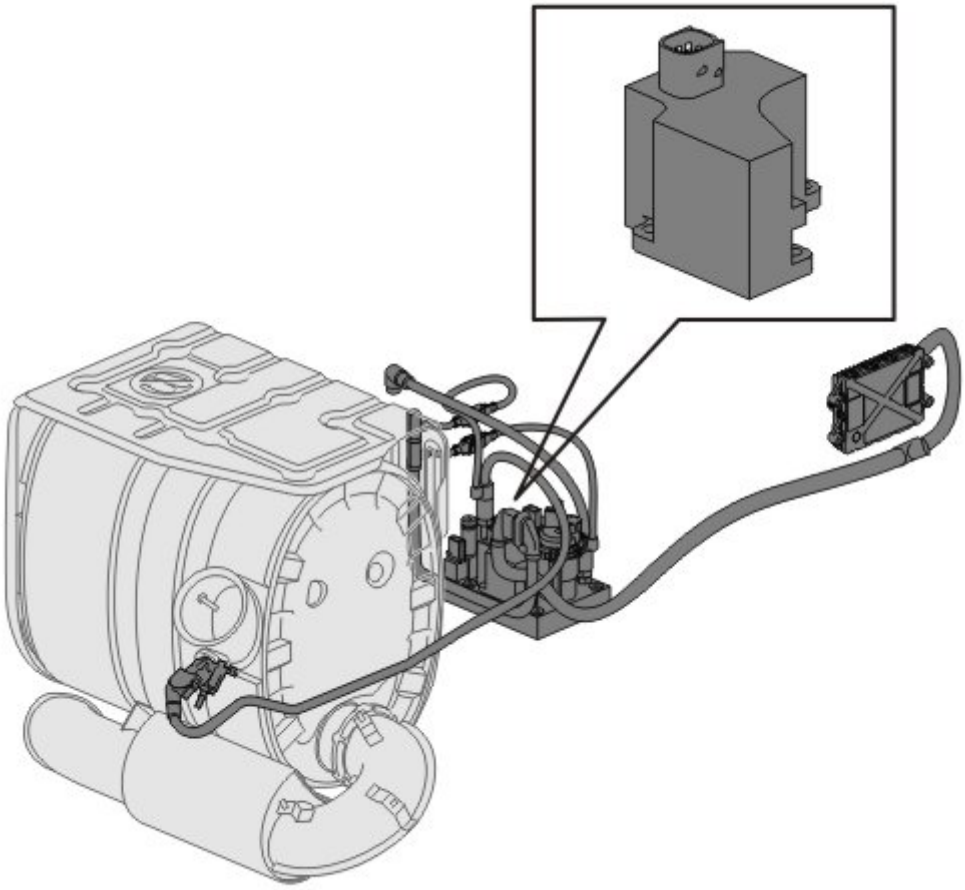
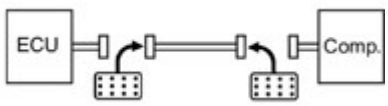
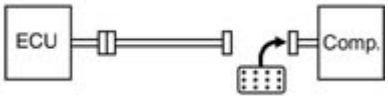


Fault type	Condition for Fault	Observable Symptoms	Possible cause
P2042 FTB 13	• The voltage at pin A174:A.35 is more than 4.85 V	• Aftertreatment AdBlue Frozen.	• Faulty sensor. • Open circuit. • Connector. • Wiring harness. • Aftertreatment Control Module (ACM).

Resistance Measurement:



Measuring	Key position	Measurement points		Reference value	Measured value	Other (Special tool No.)
		Breakout box	Wiring diagram			
Short Circuit / Open Circuit	Off	45 – 54, 46 – 35	YB97:3 – A174.A:54, YB97:4 – A174.A:35	R = <10 Ω		9998699, 9990014, 88890167, 88890074



Measuring	Key position	Measurement points		Reference value	Measured value	Other (Special tool No.)
		Breakout box	Wiring diagram			
Sensor signal	Off	46 – 45	YB97:4 – YB97:3	R = Reference table		9998699,88890167, 88890074

Reference Table:

[°F]	[°C]	MIN > [Ω]	R [Ω]	MAX < [Ω]
-40	-40	97674	104801	111927
-22	-30	56469	60138	63806
-4	-20	33863	35834	37805
14	-10	20941	22043	23145
32	0	13339	13968	14597
50	10	8730	9094	9458
68	20	5849	6068	6286
86	30	4009	4142	4274
104	40	2806	2887	2968
122	50	1999	2051	2102
140	60	1453	1484	1515
158	70	1071	1091	1111
176	80	802	814,24	827
194	90	608	616,64	625
212	100	468	473,14	478
230	110	363	367,54	372
248	120	284	288,84	293
266	130	225	229,54	234
284	140	181	184,24	188
302	150	146	149,24	153
320	160	119	122,04	125