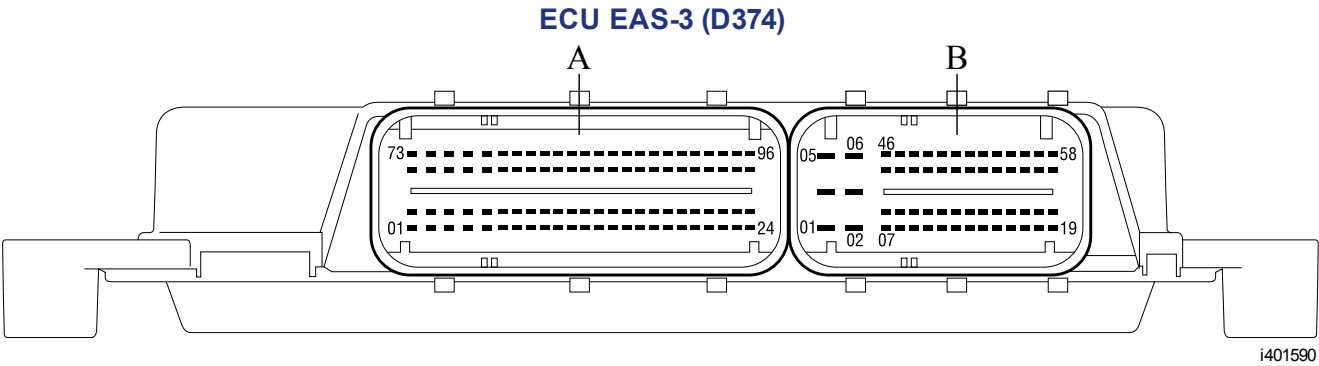


Sensor, Exhaust Temperature Before SCR Catalyst (F841)



A	Electronic unit connection point				
B	Description of connection point				
C	Reading at connection point (Ubat = battery voltage)				
D	Measuring unit				
E	Explanatory notes (if applicable)				
F	The 'X' indicates that additional information is available in 'Technical Data.'				
A	B	C	D	E	F
A21	Signal, sensor exhaust temperature before the SCR catalyst		VDC	Signal voltage depends on temperature. The sensor can be checked by unplugging the connector and measuring the resistance. See the table below.	X
A19	Ground, sensor exhaust temperature before the SCR catalyst	<0.5	VDC		

Type of temperature sensor
Open voltage, measured with detached sensor connector

NTC
approximately 5 V

Resistance of temperature sensor with respect to measured temperature

Temperature (°C)	Temperature (°F)	Resistance value (Ω) ⁽¹⁾	
		Minimum	Maximum
-40 ±10	-40 ±18	91870	200807
-10 ±10	14 ±18	34493	64769
0 ±10	32 ±18	25941	46762
50 ±10	122 ±18	7895	12188
100 ±10	212 ±18	3206	4472
200 ±10	392 ±18	902	1116
300 ±10	572 ±18	384	445
400 ±10	752 ±18	207	231
500 ±10	932 ±18	129	140
550 ±10	1022 ±18	105.5	114
600 ±10	1112 ±18	88.1	94.5
650 ±10	1202 ±18	74.7	79.6
700 ±10	1292 ±18	64.2	68.1
800 ±10	1472 ±18	49.1	51.6
850 ±10	1562 ±18	43.5	45.6
900 ±20	1652 ±36	38	41.5
1000 ±20	1832 ±36	30.4	33.6

(1) Check the resistance by measuring at the sensor connections.

M026981 - 08.12.2010

This information applies exclusively to the entered chassis number or the selected engine type. Please take into account that this information may change daily. Therefore the provided information is only valid on 12-16-2015. You cannot derive any rights from the information provided with respect to vehicles and/or components of another series, with another chassis number, and/or of another date. (/)