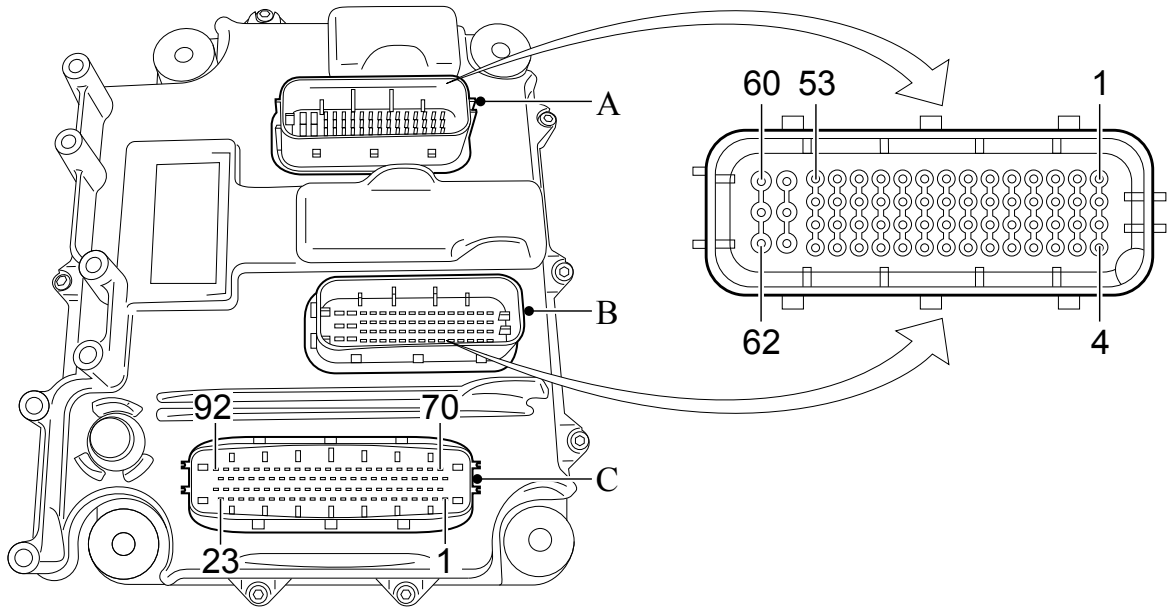


Valve-sensor, EGR (L033)



I401565



A	Electronic unit connection point				
B	Description of connection point				
C	Reading at connection point (Vbat = 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
C01	EGR valve output signal		%	Ground-controlled duty cycle	X
C05	EGR-valve-sensor input signal		VDC		X
C27	Ground, EGR valve-sensor	0	VDC		
C51	Sensor power supply	5	VDC	Open voltage, with detached connector	

Resistance value

Duty cycle high ⁽²⁾

Duty cycle low ⁽²⁾

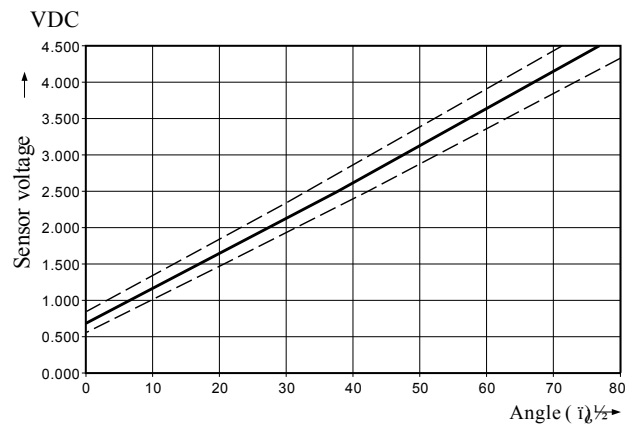
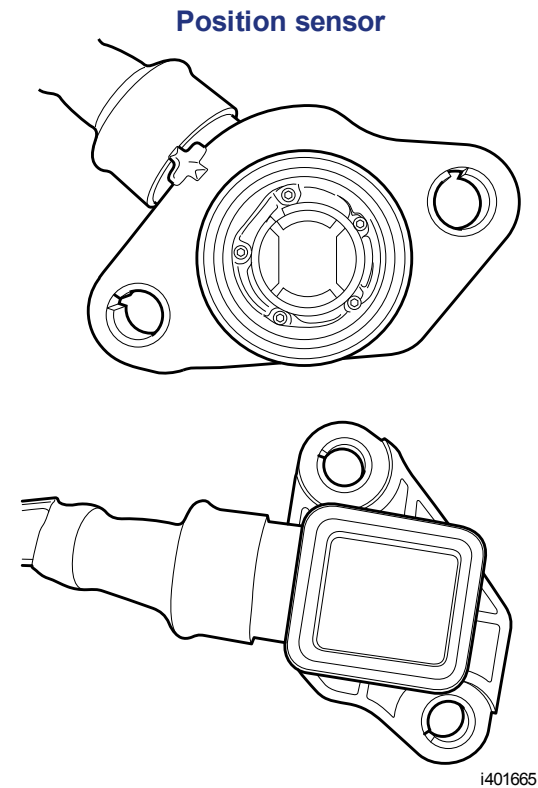
3.8 Ω ±10% at 71.5°F (22°C)⁽¹⁾

EGR valve closed

EGR valve open

(1)Check the resistance by measuring at the valve connection points to the correct connection points of the inline connectors.
 The resistance of the valve can be checked on pins 1 and 2 of the

- component connector.
- (2) Measured with positive probe on pin C01 and negative probe on pin 2 of application power connector A141.



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