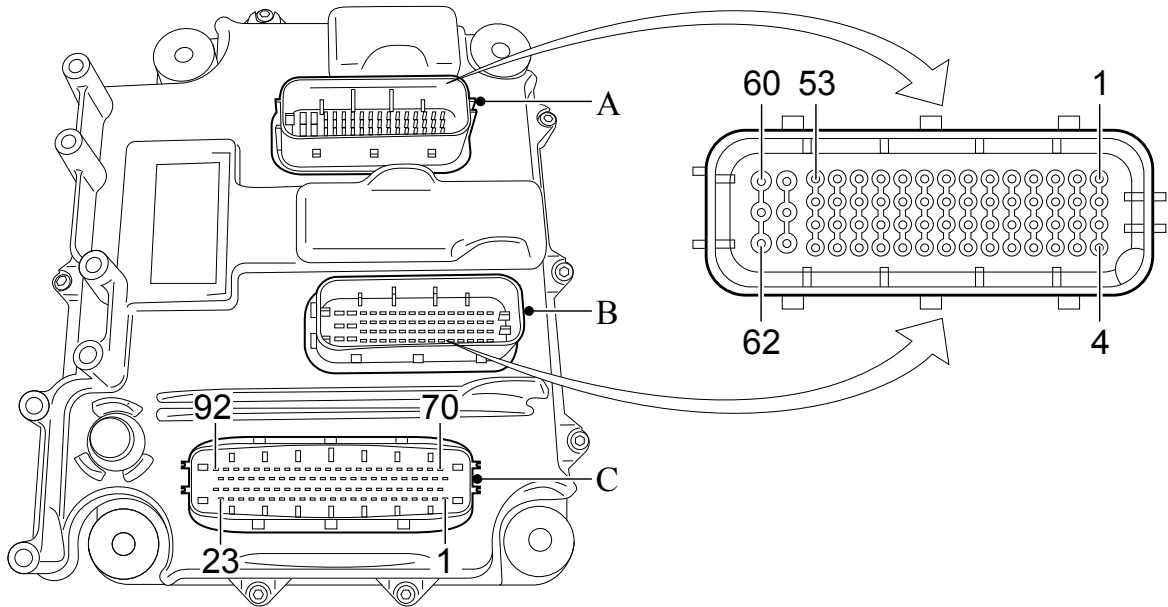


Sensor, crankshaft (F552)



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	'X' indicates that additional information is available in 'Technical data.'				
A	B	C	D	E	F
A55	Ground, crankshaft sensor (F552)	0	VDC		
A56	Crankshaft sensor (F552) input signal	-	Hz/(VAC)	Frequency depends on engine speed	X
A59	Crankshaft sensor (F552) shield signal	0	VDC		

Type
Signal version
Total number of pulses per crankshaft revolution
Number of cylinder detection pulses per crankshaft revolution
Effective voltage when starting
Effective voltage when idling
Effective voltage at 1200 rpm

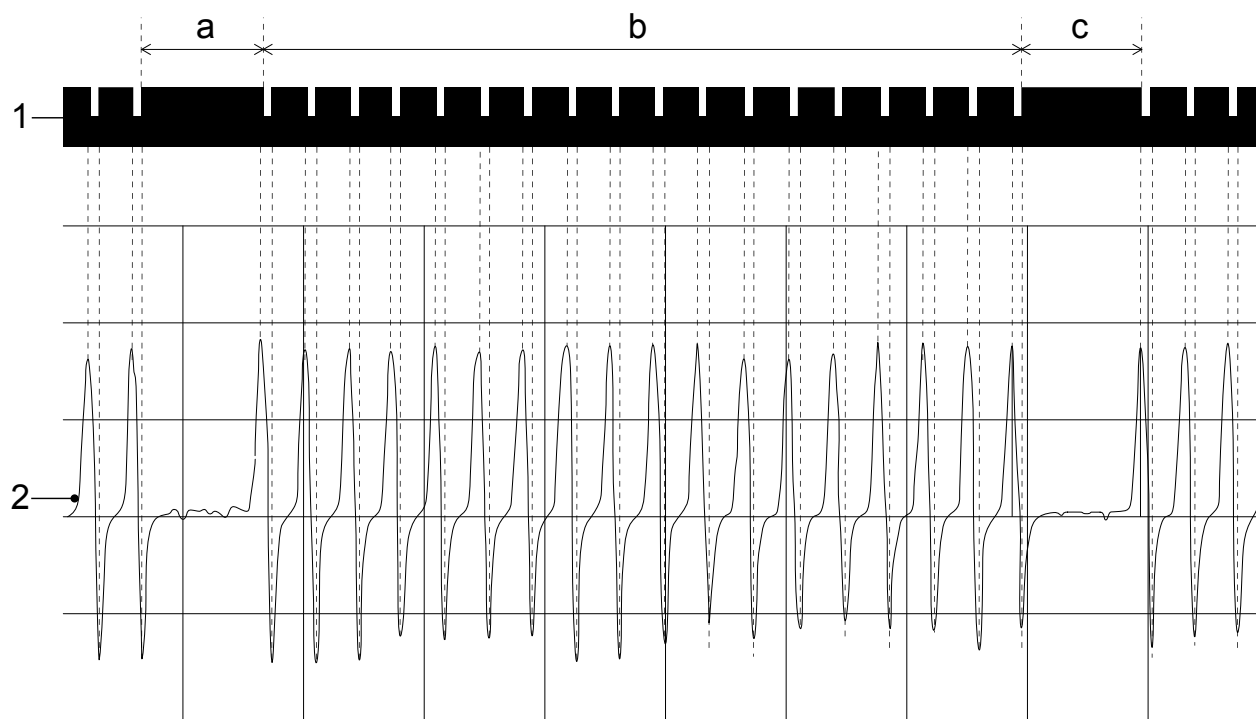
Inductive
Sine-wave alternating voltage
54

3
approximately 1.5 V⁽¹⁾
approximately 4.9 V⁽¹⁾
approximately 8.0 V⁽¹⁾

Resistance value

860 Ω \pm 10% at 68°F (20°C)⁽²⁾

- (1) Measurements taken with multimeter in 'AC voltage' position (VAC).
 (2) Measured at connection points 1 and 2 of the sensor.



I400732



1. Flywheel
- a. Area with two holes missing
- b. Segment with 18 holes
- c. Area with two holes missing
2. Crankshaft sensor signal

M026712 - 02.22.2010

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 12-12-2015. 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. (/)