



Troubleshooting-data

Model: FH 12 380

Motor: D12A 380 / ABS Basis 4 Channel

Component:	From:	To:	Condition:	Value	Measured	Unit
.	.	.	Connector seen from ECU side	.		
.	.	.	Measurements taken with connector installed	.		
Battery (earth)	B4	Batt. -	Ignition on	0 - 1 V		
Battery (earth)	B9	Batt. -	Ignition on	0 - 1 V		
.	.	.	Measurements taken with connector removed	.		
ABS indicator lamp	B15	B4	Ignition on	22 - 28 V		
Battery (possitive)	B8	B4	Ignition off	22 - 28 V		
Control valve 1 L	A6	A3	Ignition off	28 - 32 ohm		
Control valve 1R	A4	A1	Ignition off	28 - 32 ohm		
Control valve 2 L	A4	A2	Ignition off	28 - 32 ohm		
Control valve 2 R	A9	A8	Ignition off	28 - 32 ohm		
Ignition	B7	B4	Ignition on	22 - 28 V		
Wheelspeed sensor 1 L	A15	A12	Ignition off	1100 - 1250 ohm		
Wheelspeed sensor 1 L	A15	A12	Spin wheel at approx. 30 rpm	min. 100 mV AC		1050
Wheelspeed sensor 1 R	A13	A10	Ignition off	1100 - 1250 ohm		
Wheelspeed sensor 1 R	A13	A10	Spin wheel at approx. 30 rpm	min. 100 mV AC		1050
Wheelspeed sensor 2 L	A14	A11	Ignition off	1575 - 1925 ohm		
Wheelspeed sensor 2 L	A14	A11	Spin wheel at approx. 30 rpm	min. 100 mV AC		1050
Wheelspeed sensor 2 R	A18	A17	Ignition off	1575 - 1925 ohm		
Wheelspeed sensor 2 R	A18	A17	Spin wheel at approx. 30 rpm	min. 100 mV AC		1050