



Troubleshooting-data

Model: FH 12 380

Motor: D12A 380 / ABS 4 Channel

Component:	From:	To:	Condition:	Value	Measured	Unit
.	.	.	Connector seen from ECU side	.		
.	.	.	Measurements taken with connector installed	.		
Battery (earth)	27	Batt. -	Ignition on	0 - 1 V		
.	.	.	Measurements taken with connector removed	.		
Control valve 1 L	23	27	Ignition off	10 - 22 ohm		
Control valve 1 L	24	27	Ignition off	10 - 22 ohm		
Control valve 1R	6	27	Ignition off	10 - 22 ohm		
Control valve 1R	7	27	Ignition off	10 - 22 ohm		
Control valve 2 L	21	27	Ignition off	10 - 22 ohm		
Control valve 2 L	22	27	Ignition off	10 - 22 ohm		
Control valve 2 R	5	27	Ignition off	10 - 22 ohm		
Control valve 2 R	4	27	Ignition off	10 - 22 ohm		
Ignition	9	27	Ignition on	22 - 28 V		
Relay	8	27	Ignition on	22 - 28 V		
Relay	25	27	Ignition on	22 - 28 V		
Wheelspeed sensor 1 L	15	32	Ignition off	1000 - 1990 ohm		
Wheelspeed sensor 1 L	15	32	Spin wheel at approx. 30 rpm	min. 100 mV AC		1050
Wheelspeed sensor 1 R	17	34	Ignition off	1000 - 1990 ohm		
Wheelspeed sensor 1 R	17	34	Spin wheel at approx. 30 rpm	min. 100 mV AC		1050
Wheelspeed sensor 2 L	18	35	Ignition off	1000 - 1990 ohm		
Wheelspeed sensor 2 L	18	35	Spin wheel at approx. 30 rpm	min. 100 mV AC		1050
Wheelspeed sensor 2 R	16	33	Ignition off	1000 - 1990 ohm		
Wheelspeed sensor 2 R	16	33	Spin wheel at approx. 30 rpm	min. 100 mV AC		1050