



Troubleshooting-data

Model: FH 12 380

Motor: D12A 380 / ABS-ASR 4 Channel

| Component: | From: | To: | Condition: | Value | Measured | Unit |
|-----------------------|-------|---------|---|-----------------|----------|------|
| . | . | . | Connector seen from ECU side | . | | |
| . | . | . | Measurements taken with connector installed | . | | |
| Battery (earth) | A10 | Batt. - | Ignition on | 0 - 1 V | | |
| Battery (earth) | A11 | Batt. - | Ignition on | 0 - 1 V | | |
| Battery (earth) | A12 | Batt. - | Ignition on | 0 - 1 V | | |
| . | . | . | Measurements taken with connector removed | . | | |
| ABS indicator lamp | A18 | A11 | Ignition on | 22 - 28 V | | |
| Battery (positive) | A9 | A11 | Ignition off | 22 - 28 V | | |
| Battery (positive) | A8 | A11 | Ignition off | 22 - 28 V | | |
| Control valve 1 L | B1 | B3 | Ignition off | 14 - 16 ohm | | |
| Control valve 1 L | B2 | B3 | Ignition off | 14 - 16 ohm | | |
| Control valve 1R | C7 | C9 | Ignition off | 14 - 16 ohm | | |
| Control valve 1R | C8 | C9 | Ignition off | 14 - 16 ohm | | |
| Control valve 2 L | D2 | D3 | Ignition off | 14 - 16 ohm | | |
| Control valve 2 L | D1 | D3 | Ignition off | 14 - 16 ohm | | |
| Control valve 2 R | D11 | D12 | Ignition off | 14 - 16 ohm | | |
| Control valve 2 R | D10 | D12 | Ignition off | 14 - 16 ohm | | |
| Ignition | A7 | A11 | Ignition on | 22 - 28 V | | |
| Wheelspeed sensor 1 L | B4 | B5 | Ignition off | 1100 - 1250 ohm | | |
| Wheelspeed sensor 1 L | B4 | B5 | Spin wheel at approx. 30 rpm | min. 100 mV AC | | 1050 |
| Wheelspeed sensor 1 R | C4 | C5 | Ignition off | 1100 - 1250 ohm | | |
| Wheelspeed sensor 1 R | C4 | C5 | Spin wheel at approx. 30 rpm | min. 100 mV AC | | 1050 |
| Wheelspeed sensor 2 L | D5 | D6 | Ignition off | 1575 - 1925 ohm | | |
| Wheelspeed sensor 2 L | D5 | D6 | Spin wheel at approx. 30 rpm | min. 100 mV AC | | 1050 |
| Wheelspeed sensor 2 R | D8 | D9 | Ignition off | 1575 - 1925 ohm | | |
| Wheelspeed sensor 2 R | D8 | D9 | Spin wheel at approx. 30 rpm | min. 100 mV AC | | 1050 |