

Hydraulic unit



Function

Outgoing signal. The modulator unit receives signals from the ABS control unit and based on these, it regulates the hydraulic pressure to the brake callipers and the brake cylinders. The modulator unit consists of an inlet valve and an outlet valve for each braking circuit.

The valves regulate the hydraulic pressure to the wheels as they open or close during the ABS control. The hydraulic pressure chambers are controlled by the solenoid valves. On some systems the electric hydraulic pump is also built into the modulator unit.

Supply voltage 12V. Testing: each solenoid is controlled with an ohmmeter; typical resistance 1-8 ohm, see data on each single system. On certain systems you can also control the valves with a voltmeter. When you activate the valve the voltage should be 12V, when the valve is not active it should be 0V.