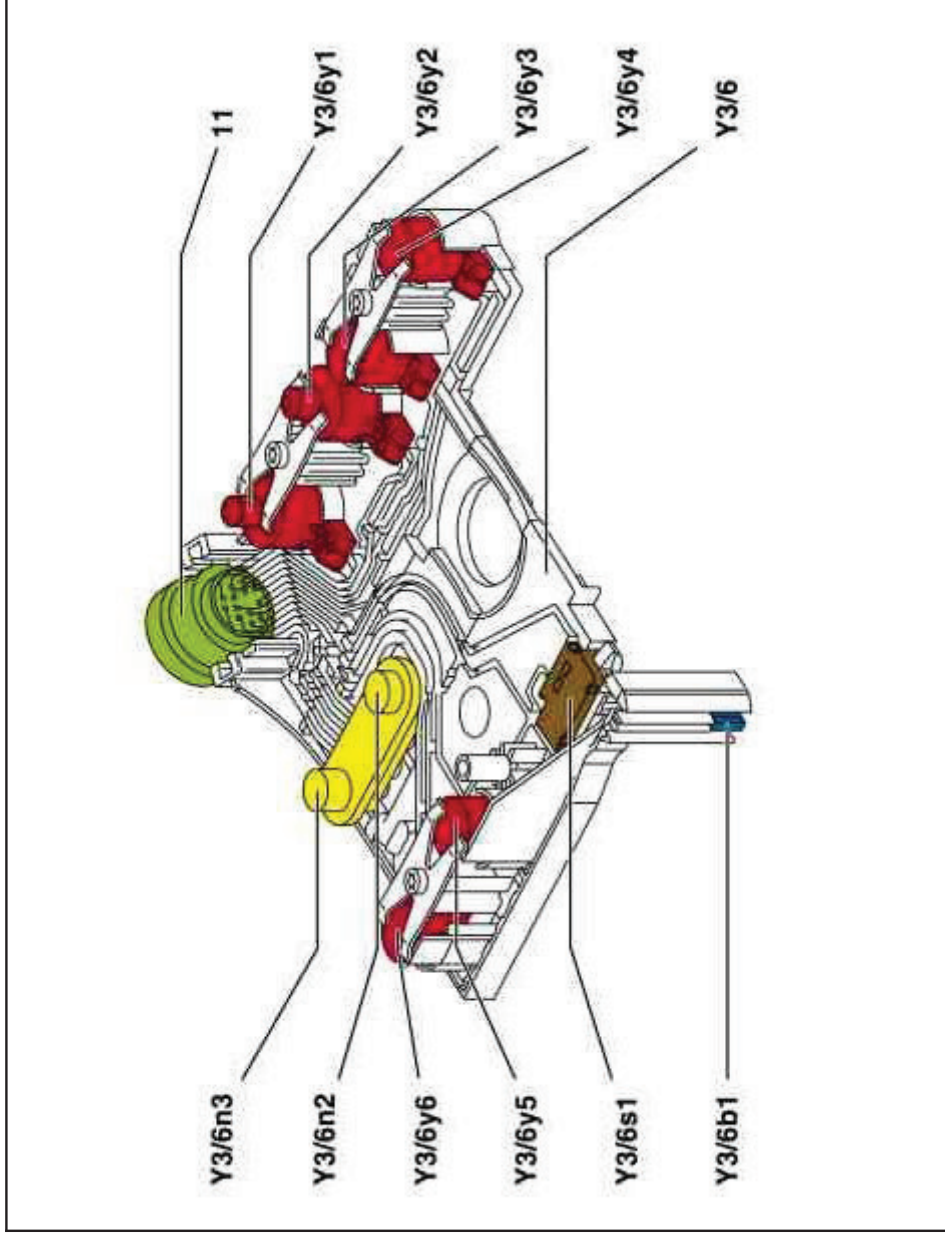


**Name** Electric control module, design

**Document number** gf2719p510401g

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- 11 Plug socket  
 Y3/6 Electric control unit  
 Y3/6b1 Transmission oil temperature sensor  
 Y3/6n2 RPM sensor 2  
 Y3/6n3 RPM sensor 3  
 Y3/6s1 Starter lockout contact  
 Y3/6y1 Modulating pressure control solenoid valve  
 Y3/6y2 Shift pressure control solenoid valve  
 Y3/6y3 1-2 and 4-5 shift solenoid valve  
 Y3/6y4 3-4 shift solenoid valve  
 Y3/6y5 2-3 shift solenoid valve  
 Y3/6y6 Torque converter lockup PWM solenoid valve



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## **Structure**

The electrical control unit (Y3/6) consists of a supporting body made from plastic, in which the electrical components - rpm sensors 2 and 3 (Y3/6n2, Y3/6n3), the regulating solenoid valves (Y3/6y1, Y3/6y2), the shift solenoid valves (Y3/6y3, Y3/6y4, Y3/6y5), the PWM converter lockup solenoid valve (Y3/6y6), the starter lockout contact (Y3/6s1) and transmission oil temperature sensor (Y3/6b1) - are combined.

Conductor tracks integrated into the shell connect the electric components to a plug connection (11).  
The connection to the wiring harness on the vehicle side and the ETC control module (N15/3) is made via this 13-pin connector (11) with a bayonet lock.

With the exception of the solenoid valves, all other electric components are fixed to the conductor tracks.