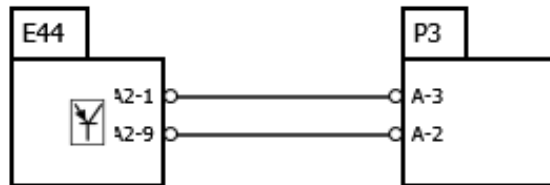


YS2R6X400E9183445 / EMS, Engine Management System / E 44, EMS control unit / S6 / P, Power supply / P3, Alternator



P3, Alternator

P3, Alternator

The engine control unit controls when the alternator is activated by sending PWM signals to the alternator. For activation to occur, a number of conditions must be met. The engine control unit receives a signal that provides information on alternator status. In the event of an alternator charging fault, a lamp will come on in the instrument cluster and a fault code is generated.

Status - charging prohibited

When the signal 'Status - charging impermissible' is active, the conditions for charging are not met. The control unit does not send a signal to the alternator to charge.

Actuation of alternator

When the engine control unit sends a signal to the alternator to start charging, the 'Alternator on' signal is active.
