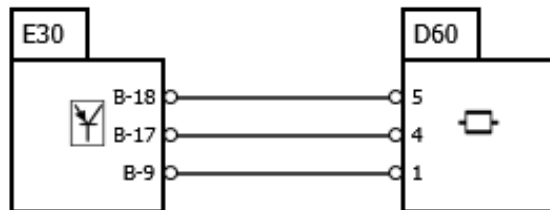


YS2R6X400E5345662 / COO, Coordinator / E 30, COO control unit / COO7 / D, Diodes, resistors and potentiometers / D60, Clutch pedal sensor



D60, Clutch pedal sensor

D60, Clutch pedal sensor

The task of the clutch pedal sensor is to indicate the clutch pedal position to the coordinator.

The clutch pedal sensor supplies an analogue output signal to the coordinator. The output signal's voltage value changes linearly with clutch pedal movement.

The supply voltage to the sensor should be 5V +/- 5%. The output signal voltage level should be 1-4.3 V, linearly in relation to the pedal position.

Clutch pedal sensor, voltage value

Read voltage value on coordinator pin B17. When short circuited to ground: 0 V. When short circuited to a current carrying circuit: 24 V. When there is an interruption: 0 V.

Clutch pedal depression

The clutch pedal position is calculated from the voltage level on coordinator pin B17. 0-15% corresponds to the fully released pedal position. 15-85% corresponds to the actuated, not fully depressed, pedal position. 85-100% corresponds to the fully depressed pedal position.