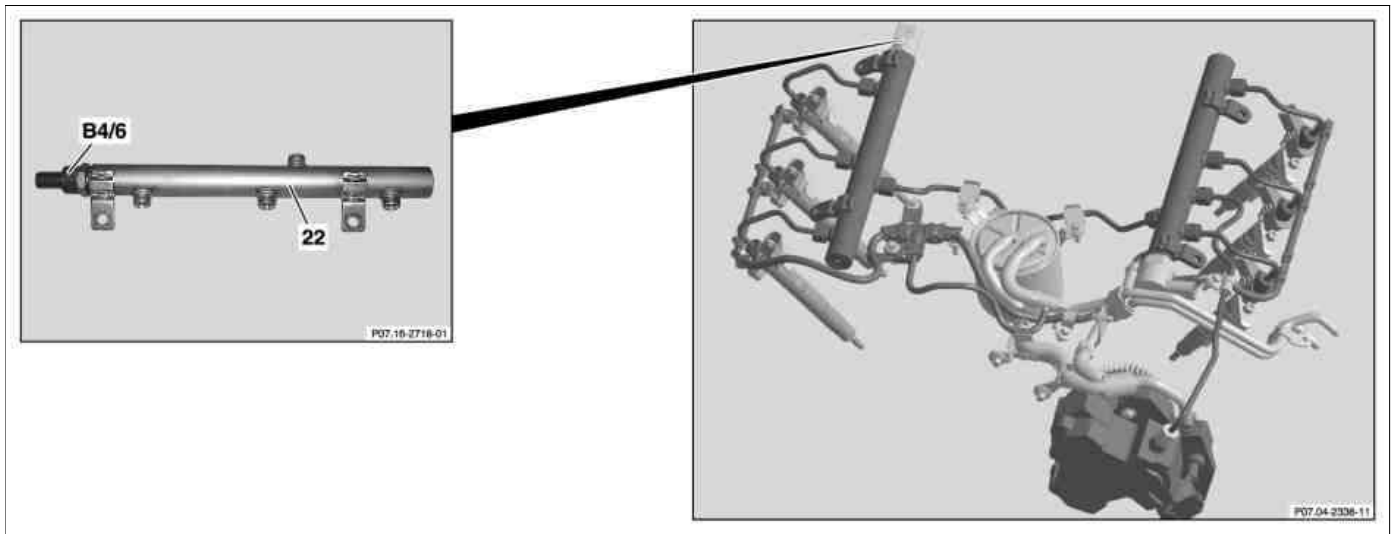


GF07.04-P-6210P	Component description for the rail pressure sensor	18.10.11
ENGINE 642 in MODEL 164.1 /8, 203.0 /2, 221.0 /1, 251.0 /1 up to Model Year 2008		
ENGINE 642 in MODEL 209.3 /4, 211.0 /2 /6, 219.3		
ENGINE 642 in MODEL 461.3, 463.3 up to 31.5.12		



P07.04-2337-08

Shown without code (494) USA version and without model 461.3

22 Right rail

B4/6 Rail pressure sensor

Location

The rail pressure sensor is screwed into the right rail at the rear.

Task

The rail pressure sensor is used to detect the current rail pressure and send it to the CDI control unit (N3/9).

Function

The rail pressure applied influences the location of a membrane which is fitted with a sensor element. A change in the location of a membrane alters the electrical resistance of the sensor element. This change in resistance causes a voltage signal which is evaluated by the CDI control unit to detect pressure.