Engine – Cayenne S/T – 1st Generation

Connecting Rods



Connecting Rod

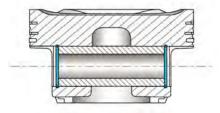
After machining, the forged connecting rods are broken apart at the rod bearing (cracked). The two parts are centered to one another by means of the resulting fracture pattern. To prevent incorrect assembly, the connecting rods are marked with additional matching pairs of numbers and the bores for the big-end bolts are offset.

Pistons

The pistons for the naturally aspirated engines are cast.



Cayenne S Piston

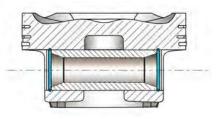


Cayenne S Piston Cross Section

The pistons for the turbocharged engines are forged.



Cayenne Turbo Piston



Cayenne Turbo Piston Cross Section

The pistons of the naturally aspirated engine have different combustion bowls than the turbocharged engine. The bowls in the pistons for the turbo engine are much deeper in order to reduce the compression ratio.

Notes:		