

ENGINE CR-4 (BS-IV)	
Model	: TATA 3.0 CR4
Type	: Turbo-charged, Intercooled, Direct injection diesel engine.
No. of cylinders	: 4-inline
Bore / Stroke	: 97 mm x 100 mm
Capacity	: 2956 cc
Max. engine output	: 60 - 62 kw at 3000 rpm as per MOST/ CMVR/TAP-115/116
Max. torque	: 250 N-m at 1000-2000 rpm as per MOST/CMVR/TAP-115/116
Compression ratio	: 17.5 : 1
Firing order	: 1-3-4-2
Air filter	: Dry (Paper) type
Oil filter	: Spin - on type
Fuel filter	: Single stage, fine filtration
Fuel injection pump	: Common Rail 1600 bar
Timing	: Electrically controlled
Governor	: Electrically controlled
Engine oil capacity	: Min. 5.5 litres
Weight of engine	: 315 kg (Dry)
Radiator frontal area	: 2205 sq. cm.
Capacity of cooling System	: 12 Litres

ENGINE 4SPTC (BS-III)	
Model	: TATA 497 SPTC 43
Type	: Turbo-charged, Water cooled, Direct injection diesel engine.
No. of cylinders	: 4-inline
Bore / Stroke	: 97 mm x 100 mm
Capacity	: 2956 cc
Max. engine output	: 50 - 52 kw at 3000 rpm as per MOST/ CMVR/TAP-115/116
Max. torque	: 223 N-m at 1600-2200 rpm as per MOST/CMVR/TAP-115/116
Compression ratio	: 19 : 1
Firing order	: 1-3-4-2
Air filter	: Dry (Paper) type
Oil filter	: Spin - on type
Fuel filter	: Double stage, fine filtration
Fuel injection pump	: Mechanical Rotary F.I.P.
Timing	: With automatic advance
Governor	: Centrifugal type variable speed.
Engine oil capacity	: Min. 5.5 litres
Weight of engine	: 315 kg (Dry)
Radiator frontal area	: 2260 sq. cm.
Capacity of cooling system	: 12 Litres