

Tata 1.5L Turbocharged Gasoline Direct Injection Engine

TATA Motors presents the all new and exciting 1.5L Turbocharged Gasoline Direct Injection (TGDi) engine for the customers who believe in powertrain solutions offering exhilarating experience. This brand new engine with a displacement of 1.5L is developed to power and enhance the character of new UVs from the Tata Motors family. The turbocharged engine with high-tech GDi technology will deliver exciting performance and refinement while meeting stringent emission norms

Key highlights:

- High pressure Gasoline Direct Injection technology for precise fuel delivery coupled with advanced combustion system for improved performance as well as fuel economy
- Water Cooled Variable Geometry Turbocharger for superior torque delivery right from low end for fun-to-drive experience with enhanced responsiveness and acceleration
- Light weight, yet rigid all Aluminium structure with long skirt crankcase design featuring a ladder frame for improved engine stiffness
- Cutting edge engine technologies such as Dual Cam Phasing, Variable Oil Pump, Integrated Exhaust Manifold in cylinder head to deliver outstanding performance combined with best in class fuel economy
- Maintenance free Valve Train and Timing Chain technologies offering highly reliable engine with low cost of ownership
- Refinement features in the engine offer quiet and convenient experience combined with superior performance
- Advanced Exhaust Aftertreatment system to ensure lower emissions and hence environment friendly engines to protect for future emission norms like WLTC
- Engine architecture is capable of handling ethanol fuel blends

Technical Specifications:

Parameter	1.5L TGD _i Engine
Engine Type	4 Cyl, Turbocharged
Engine Displacement	1498cc
Emissions Compliance	Bharat Stage 6, Phase 2
Fuel Type	Gasoline & E20