

THE NEXT LEVEL IN DRIVING EXPERIENCES



To ensure superior performance, we have implemented the **DriveNext concept, a new approach to the driving dynamics that offers the driver complete control of a highly responsive machine** – from the precision of the steering to the balance and handling and in the response of the power train.

In the passenger vehicles business, we have ushered change with aggressive focus to performance, showcased by our next-generation **REVOTRON series of petrol engines and the F-Tronic technology with class-defining Automatic Manual Transmission (AMT)**.

We continue to deliver on the promise of more sophisticated technologies and a pure driving fascination to our customers, who expect safe, comfortable and powerful vehicles that must be increasingly fuel-efficient and environment-friendly. In order to meet these requirements, Tata Motors has displayed technologies that set ambitious benchmarks in the passenger car market redefining ride and handling in vehicles such as the **Safari Storme LadaKh, the Sumo Extreme and the Nano Twist F-Tronic**.

We are powering **the diesel variant of Zest with the first-in-class F-Tronic technology-enabled, 5-speed Automated Manual Transmission and a segment-leading 90PS engine with 200 Nm of uninterrupted flat torque** to offer a peppy drive with seamless delivery of power.

Further, we are introducing **EPAS (Electronic Power Assisted System), with 'Active Return' function and speed sensitive power steering in both cars – the Zest and Bolt – a first for both segments**. Safety is enhanced with the new and advanced ABS for improved braking efficiency and with yet another segment-first, the Cornering Stability feature. The improved dual-path suspension provides effective isolation from road inputs without compromising on the body control, translating into a class leading balance between ride and handling. This provides for a very comfortable but engaging drive experience. A silent, quieter cabin will ensure a pleasant and superlative drive experience.

REVOTRON, our disruptive Petrol Engine Technology

With the launch of REVOTRON 1.2T, the Turbocharged Intercooled Multi-point Fuel Injected (MPFi) Petrol engine, we made a strategic shift towards a more complete portfolio in our passenger vehicles business.

The REVOTRON series has been designed based on extensive feedback from car owners, car enthusiasts and expert drivers from across the globe; observing their driving habits followed by extensive testing in gruelling climatic conditions in India as well as in countries like the UK and Korea.

The engine has been manufactured to be lightweight and low on friction, delivering high performance and fuel economy.

The engine comes with another segment-first – a selectable multi-drive mode and uses low viscosity, fuel efficient engine oil. An optimised water-jacket and head gasket, using Computational Fluid Dynamics (CFD) technology, ensures efficient combustion and reduces thermal inertia.

Embracing new standards in driving comfort

We are committed to enhance the driving experience introducing new standards with innovative technology in the Commercial Vehicles segment. In Commercial Vehicles, it is all about catering to customer needs, with new standards in drivability and comfort. For instance, the **LPS 4923 LiftAxle** is the first prime mover in India with a lift axle technology and first 6x2 tractor in the 49-tonne gross vehicle weight (GVW) category. The resultant hub reduction on the drive axle leads to better drivability, longer axle life and lesser wear and tear of the tyres. The **Prima 4038.S Truck** goes a step further with massive power of 370 BHP@2,100 RPM and has undergone modifications to match international standards of the Truck Racing environment, in terms of enhanced safety and stands for sheer adrenalin.

