

Tata Punch Flex Fuel Bioethanol

Tata Punch - India's No.1 selling car is presenting flex fuel powertrain option, first from Tata Motors towards its commitment towards Government of India initiative of ethanol based flex fuel policy. Tata Punch houses the 1.2L naturally aspirated flex fuel engine which is capable of operating across complete range of ethanol based fuel blends with equal ease through smart software solutions.

Key advantages of Tata Punch Flex fuel vehicle:

- Engine designed with optimal Compression Ratio for enhanced combustion characteristics to suit complete range of ethanol blend operation ensuring balance of performance and fuel efficiency
- Heated fuel injection system with high flow injectors to ensure smooth engine start and cold emissions operation across different ambient conditions
- Smart ethanol percentage detection by software for seamless transitions between various ethanol blends, providing maximum flexibility
- Advanced engine electronic control system with capability of flex fuel operating maps and heater control
- Engineered to withstand the rigors of everyday driving, this engine offers long-lasting performance and peace of mind with parts developed to handle ethanol blends up to E100*
- Advanced Exhaust after treatment system to significantly lower harmful emissions across the ethanol fuel blends, contributing to a cleaner environment

Technical Specifications:

Parameter	1.2L Flex Fuel Engine
Engine Type	3 Cyl, Naturally Aspirated
Engine Displacement	1198cc
Emissions Compliance	Bharat Stage 6, Phase 2
Fuel Type	E20 – E85*

* E85 as per IS 16634:2023