



Car name – THE SCORPION

Our car got its name “The Scorpion” because of its looks. As the scorpion has claws popping out of its body, we have front two wheels coming out of the body. As the scorpion has a narrow end our car has a narrow rear wheel track. The thought of making this kind of car having the rear end narrow came from the famous carton “Mr. Bean”. Many of you would remember the three wheeled blue colored car which usually tumbled over, that was the car which gave us the idea of making this car. To give a bit different look, we made the rear end narrow unlike the car in the carton which had one wheel in front of the car. For giving more stability we used two wheels instead of one. Adding on for stability we have fitted the engine in the centre of the car. This car was done in a team of 6 members @ the cost of Rs.50-60,000 and within 38 days its been completed.

- ❖ Specification – 110 CC
- ❖ 8 PS power
- ❖ 8.8 NM of torque
- ❖ 35 - 38 KMPL of mileage
- ❖ 8 BHP
- ❖ 7500 rpm
- ❖ Dimension – H 813 mm, L – 2540 mm, B – 1041 mm
- ❖ engine -4 stroke petrol engine, 1 cylinder, drive – rear wheel chain drive
- ❖ weight – 90 kgs

Parts like steering wheel, steering column, steering rack, wheels and drum. These parts are used form the car Tata Nano. Keeping in mind the compactness, we have used this from Nano as it is the most compact car in India at present. the brake system used in this car is mechanical brakes that is the brakes are applied using cables.

In future if this car is brought in market then it will become a very good commuter vehicle as it is gearless and easy to drive.

Team

Deev,Heet,Akshay,Rex,Pradumna,Ashish,Sushant,Sandesh,Devendra,Swawnil,Akash,Sandesh,Rahul,Yash,Waqas,Shardul,Rajkumar,Pratik,Satish,Kedar