

**Job Description: Electric Vehicle (EV) Mechanic and Rider- Vehicle Testing****Position:** Mechanic and Rider – Vehicle Testing**Location:** Kalol GIDC, Near Gandhinagar, Ahmedabad, Gujarat.**Department:** Vehicle Engineering**Reports To:** Prototype Shop Manager**Job Type:** Full-Time

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**Job Overview:**

We are looking for a dedicated and skilled Mechanic and Rider to join our two-wheeler testing team. The ideal candidate will have a strong mechanical background, experience in vehicle maintenance, and the ability to perform real-world riding tests. You will be responsible for conducting on-road and off-road tests, diagnosing mechanical issues, ensuring vehicle performance meets specifications, and providing valuable feedback to improve vehicle design and performance. This role combines technical expertise with practical riding experience to support the development of high-quality, high-performance two-wheelers.

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**Key Responsibilities:**

- **Mechanic Responsibilities:**

- Perform regular maintenance, troubleshooting, and repairs on two-wheeled vehicles (motorcycles, electric scooters, etc.) before and after tests.
- Inspect and diagnose mechanical issues, including vehicle performance, electrical systems, brakes, suspension, tires, and other key components.
- Work with the engineering and testing teams to ensure all vehicles are ready for testing, ensuring they meet safety standards and performance specifications.
- Ensure proper functioning of the vehicle's key systems, including battery systems (for electric vehicles), motors, drive trains, and electrical circuits.
- Maintain accurate service logs for all vehicles tested, documenting maintenance, repairs, and modifications made to the vehicles.

- **Rider Responsibilities:**

- Conduct real-world riding tests on various two-wheeler models, simulating different conditions such as city commuting, highway riding, off-road testing, and performance testing.
- Assess and provide feedback on vehicle handling, ergonomics, comfort, speed, acceleration, braking, and overall performance during test rides.
- Provide detailed reports based on riding tests, documenting issues such as handling flaws, comfort concerns, and performance inconsistencies.

- Collaborate with engineers to provide insight into any vehicle behaviour observed during real-world riding conditions, suggesting potential improvements.
- Conduct controlled tests in collaboration with the testing team, including range, endurance, safety, and durability testing.
- Follow safety protocols during all test rides and ensure that proper protective gear is always worn.
- **Safety and Quality Control:**
  - Ensure all vehicles meet safety standards and are in optimal condition before, during, and after tests.
  - Perform pre-test and post-test inspections of vehicles to ensure all systems are functioning properly and safely.
  - Identify and document any malfunctions, wear and tear, or performance deviations during tests and work with the engineering team to address them.
  - Adhere to company safety guidelines during testing procedures, ensuring that personal safety and vehicle integrity are maintained at all times.
- **Collaboration and Reporting:**
  - Work closely with the engineering, R&D, and testing teams to share test results, mechanical findings, and rider feedback.
  - Assist the engineering team in identifying design improvements and modifications based on test results.
  - Record all mechanical and rider data accurately and provide timely feedback to ensure the continuous development of high-quality products.

**Required Qualifications:**

- **Education:**
  - ITI Mechanic or Diploma or equivalent. A certification in motorcycle mechanics or a related technical field is a plus.
- **Experience:**
  - Minimum of 2-3 years of experience as a mechanic in the two-wheeler industry (motorcycles, scooters, etc.).
  - Prior experience riding and testing motorcycles or electric scooters is preferred.
  - Hands-on experience with mechanical diagnostics, maintenance, and repair of two-wheelers.