

## Two-Wheeler Repair & Maintenance Including BS6, EV and CNG Bike (In English)

1. Overview of Two-Wheeler Vehicles
  - How does a Two-Wheeler work
  - What are the different types of Two-Wheeler Vehicles (like Motorcycles and Scooters)
2. Functioning of shock Absorbers front and back:
  - What do Shock Absorbers do in a Two-Wheeler
  - How do shock Absorbers work
  - How do the front and rear Shock Absorbers work together
3. Steering (Handle) Opening and Fitting
  - How does the Steering System work in a Two-Wheeler
  - How do you take apart and put together the Steering System
  - Why is it important to maintain the Steering System Properly
4. Chain Sprocket Kit-Working Details, Cleaning Aspects, Overhauling of Drum Brakes
  - What is a chain-sprocket kit
  - What is the Purpose of a Chain-Sprocket kit
  - How do you Repair Drum brakes
5. Carburetors - Types and Adjustments, Dismantling and Refitting
  - What types of Carburetors are used in Two-wheelers
  - How do you adjust and Tune Carburetors
  - What are the steps to safely take apart and put back together Carburetors
6. DISC Braking System–Types, Description, Removing and Refitting of Brake Liners, Adjustment of Clutch, Brake, etc.
  - What are the different types of disc Braking Systems and how do they work
  - How do you safely remove and reinstall brake liners
  - How do you adjust the clutch and brake for better Performance and safety
7. Timing Chain:
  - Why are timing Chains Important in an Engine
  - What tips can help Maintain timing chains and Prevent Problems
  - How do you Properly replace timing Chains

8. Clutch – Types, Details of Usage, Removing and Refitting, Care to be taken while Dismantling & Assembling:
  - What are the different types of clutches and how do they work
  - What Guidelines should you follow to safely remove and reinstall Clutch Parts
  - What important things should you keep in mind during clutch Disassembly and Assembly
9. Sizer Gear and Balancer Gear Timing, Details of Usage, Removing and Refitting, Care to be taken while Dismantling & Assembling:
  - What role do Sizers and Balancer Gear play in balancing an Engine
  - What are the Steps for making timing Adjustments
  - What safety tips should you follow when handling Gears during Maintenance
10. Half Engine Opening and Fitting
  - Why do you open the Engine halfway to Diagnose internal issues
  - What Techniques can you use to safely open and seal Engine Parts
  - Why is Cleanliness and Precision important when fitting an Engine
11. Dismantling and Reassembling of the Engine – Four-Stroke Engine
  - What is a Four-Stroke Engine
  - How does a Four-Stroke Engine Work
  - How do you take apart a Four-Stroke Engine
  - How do you put a Four-Stroke Engine back together
12. Gears – Principles and Functioning of Gears, Dismantling of Gearbox & Reassembling
  - How do gears work in a Two-Wheeler
  - How do you take apart a Gearbox
  - How do you put a Gearbox back together
13. Scooty Dismantling and Reassemble Engine
14. Usage of Multimeter
  - Lighting System, Horn, Indicator, Brake Light, Self motor start
15. Lighting Circuit Diagram Check Point and Wiring Tracking
16. AC Ignition System & Electrical Parts Check and Wiring Tracking
17. DC Ignition System/Electrical Parts Check and Wiring Tracking

18. BS6 HF 100/Electrical Parts Check and all Sensors, Actuator ECM Check Wiring Tracking
19. BS6, Splendor, Activa, CT100, Electrical Point Check, all Sensors, Actuator, ECM, Wiring Check
20. BS6 YAMAHA, FZ S, BAJAJ Freedom 125 (CNG bikes) Electrical Parts Check all Sensors, Actuator, ECM, Wiring Check.
21. EV Scooty Electrical Parts Checking and Wiring Tracking
22. Royal Enfield Engine Dismantling and all Parts Check
23. Royal Enfield Engine Reassembling and all parts Check
24. Demo Engine Practice Four Stroke Engine Dismantling and Reassembling
25. General Servicing all Bikes and Check 36 Points Check
26. Final Inspection, Bike Washing and Polishing, Job Card Open, Bill Open Just Auto App

## EV Two-Wheeler Topics

1. Introduction to Electric Vehicles and EV Technology
  - Introduction to EV Technologies
  - Key Components of EVs
2. Braking System (Drum Brake)
  - Functions and Workings of Drum Brake System
  - Difference between Drum Brake and other Brake Systems
3. Braking System (Disc Brake)
  - Functions and Workings of Disc Brake System
  - Difference between Disc Brake and Drum Brake
4. Front Suspension Open and Fitting
  - Opening and fitting the front suspension
5. Steering System
  - Function of the Steering system
  - Main components of the Steering system
6. EV Electrical System (Head Light, Brake Light)
  - Functions and Workings of Head Light and Brake Light systems
7. EV Electrical System (Horn, Indicator, Number Plate Light)
  - Functions and Workings of Horn, Indicator and Number Plate Light System
8. EV Controller Wiring System
  - Introduction and understanding of EV Controller Wiring System
  - Key Components of EV Controller wiring system
9. EV Controller Wiring Harness Voltage Testing
  - Importance of Voltage Testing
10. Integration and Practical Assessment
  - Understanding the Integration of EV system

## Two-Wheeler Repair & Maintenance including BS6, EV and CNG Bike (In Hindi)

1. Overview of Two-Wheeler Vehicles
  - Two-Wheeler कैसे काम करता है
  - Two-Wheeler Vehicle के प्रकार (जैसे Motorcycles और Scooters)
2. Functioning of Shock Absorbers Front and Back:
  - Two Wheeler में Shock Absorbers की भूमिका क्या है
  - Shock Absorbers कैसे कार्य करते हैं
  - सामने और पीछे के Shock Absorbers एक साथ कैसे काम करते हैं
3. Steering (Handle) Opening and Fitting
  - Two-Wheeler Vehicle में Steering System कैसे काम करता है
  - Steering system को कैसे खोलते और Fit करते हैं
  - सही Steering Maintenance का महत्व।
4. Chain Sprocket Kit-Working Details, Cleaning aspects, Overhauling of Drum Brakes
  - Chain-Sprocket Kit क्या है
  - Chain-Sprocket Kit का Use क्या है
  - Drum Brakes का Repair कैसे करें
5. Carburetor- Types and Adjustments, Dismantling and refitting
  - Two-Wheeler vehicle में उपयोग होने वाले Carburetor के प्रकार
  - Carburetor को Adjust और Tune करने की Technique
  - Carburetor को सुरक्षित रूप से Dismantle और Refit करने के Steps
6. DISC braking System – Types, Description, Removing and Refitting of Brake Liners, Adjustment of Clutch, Brake, etc.
  - DISC Breaking System के विभिन्न प्रकार और उनकी Mechanisms के बारे में जानकारी
  - Break Liners को सुरक्षित तरीके से हटाने और फिर से Reinstall करने की प्रक्रिया
  - Clutch और Brake को बेहतर Performance और Safety के लिए कैसे Adjust करें



7. Timing Chain:

- Engine के संगठन में Timing Chains के महत्व
- Failures को रोकने के लिए Timing Chains को Maintain करने के तरीके
- Timing chains को सही तरीके से Replace करने के तरीके

8. Clutch – Types, Details of Usage, Removing and Refitting, Care to be taken while Dismantling & Assembling:

- Clutch के प्रकार और उनकी Operations का अवलोकन
- Clutch Components को सुरक्षित तरीके से हटाने और फिर से Reinstall करने के लिए Guidelines.
- Clutch Disassembly और Assembly के दौरान महत्वपूर्ण बातें

9. Sizer Gear and Balancer Gear Timing, Details of Usage, Removing and Refitting, Care to be taken while Dismantling & Assembling:

- Engine balance में Sizer और Balancer Gears की भूमिका को समझना
- Timing adjustments के लिए Step-by-Step प्रक्रियाएँ
- Maintenance के दौरान Gears को संभालने के लिए सुरक्षित उपाय

10. Half Engine Opening and Fitting

- Internal issues का निदान करने के लिए Half Engine Opening का उद्देश्य
- Engine Parts को सुरक्षित तरीके खोलने और सील करने की तकनीके
- Engine fitting में Cleanliness और Precision का महत्व

11. Dismantling and Reassembling of the Engine – Four-Stroke Engine

- Four-Stroke Engine क्या है
- Four-Stroke Engine कैसे काम करता है
- Four-Stroke Engine Dismantle कैसे करते हैं
- Four-Stroke Engine Reassemble कैसे करते हैं

12. Gears – Principles and Functioning of Gears, Dismantling of Gearbox & Reassembling

- Two-wheeler Vehicle में Gears कैसे काम करते हैं
- Gearbox Dismantle कैसे करते हैं
- Gearbox Reassemble कैसे करते हैं

13. स्कूटी को Dismantle करना और Engine को Reassemble करना

14. Multimeter का उपयोग

15. Lighting System
16. Lighting सर्किट डायग्राम Check Point
17. AC ignition System और Electrical Parts की जांच
18. DC ignition system और Electrical Parts की जांच
19. BS6 HF 100/Electrical Parts की जांच
20. BS6- Splendor, ACTIVA, CT100 , Electrical Parts की जांच
21. BS6- FZ , Freedom 125 (CNG Bikes) Electrical Parts की जांच
22. EV, Electrical Parts की जांच
23. Royal Enfield का Engine खोलना
24. Royal Enfield का Engine फिट करना
25. सब Bikes की General Servicing और 36 Point चेक
26. FINAL Inspection, Bike Washing and Polishing, Job card Open, Bill open Just Auto App

## EV Two-wheeler Topics

1. Electric Vehicles and EV Technology का परिचय
  - EV Technologies का परिचय
  - EVs के ज़रूरी भाग
2. Braking System (Drum Brake)
  - Drum Brake System के कार्य और कामकाज
  - Drum Brake और अन्य Brake Systems के बीच अंतर
3. Braking System (Disc Brake)
  - Disc Brake System के कार्य और कामकाज
  - Disc Brake और Drum Brake के बीच अंतर
4. Front Suspension Open और Fitting
  - Front Suspension को खोलना और फिट करना
5. Steering System
  - Steering System के कार्य
  - Steering System के प्रमुख तत्व
6. EV Electrical System (Head Light, Brake Light)
7. Head Light और Brake Light Systems के Functions और कार्य
8. EV Electrical System (Horn, Indicator, Number Plate Light)
  - Horn, Indicator और Number Plate Light System के कार्य और कामकाज
9. EV Controller Wiring System
  - EV Controller Wiring System का परिचय और समझ
  - EV Controller Wiring System के Key Components
10. EV Controller Wiring Harness Voltage Testing
  - Voltage Testing का महत्व
11. Integration और Practical Assessment
  - EV System के Integration को समझना



## Details of the Course

**Fees** – 28,000/- (Including GST)

**Hostel facility** – 7,000/- Per Month including food

**Duration** – 30 Days (Minimum)

**Location** – Just Auto Solutions Pvt. Ltd., Plot No: B1, B2, B3/15, Electronics Estate, GIDC, Sector 25, Gandhinagar, Gujarat

## Certification and Recognition

Just Auto Solution's Certification – ISO Certified, Startup India Recognized, MSME Recognized, Skill India Recognized.

Just Auto Solution is Authorized and affiliated Training Partner/Centre of Automotive Skill Development Council (ASDC) and Skill India

## Photo Gallery

