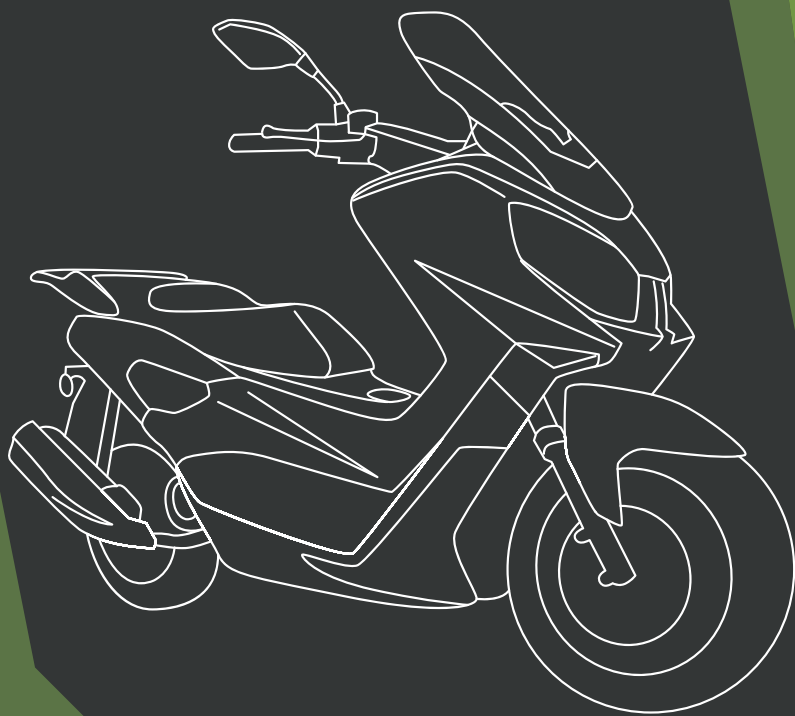


APEC

www.volta.com.tr

APXS

USER MANUAL



Read this owner's manual carefully before moving your vehicle

PREFACE

Thank you for choosing Apec brand motorcycle and joining our family. Our products are manufactured using high quality equipment and advanced production technologies. This vehicle is equipped with electrostatic painted steel chassis, high torque and low fuel consumption engine, exhaust system that meets European standards, a hydraulic suspension system, a reliable braking system providing short stopping distances, tires that ensure excellent road grip in all conditions, and many other components that exceed industry standards. All these features have placed Volta Motor vehicles among the top ranks in the modern world's high-quality transportation rankings. This user manual will provide you with notes, warnings, recommendations, and information on usage, adjustments, and maintenance.

Following the instructions in this manual will help your vehicle last longer and work better. Please pay close attention to safety and usage instructions.

IMPORTANT NOTE

Driver and Passenger

- This vehicle is designed to carry a maximum of one driver and one passenger.
- Please use your vehicle without exceeding the load limits written on the vehicle's certificate of conformity

Road Condition

- This vehicle is designed for use on flat and asphalt roads.
- Do not use the vehicle without reading the entire user manual.
- It is recommended that you read the "Warning, Caution, Note and Safety Precautions" sections carefully



CAUTION

- **After purchasing your vehicle, you should take it to the nearest authorized service center for its first maintenance either 1 month later or after 500 km, whichever comes first.**
- It is mandatory to adhere to the maintenance intervals specified in the user manual. Failure to do so may void the warranty. Maintenance intervals and the parts that require replacement or inspection for your vehicle are listed in this user manual.



WARNING

- These headings are written to protect you from serious personal injury or potential accidents.

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1. SAFE DRIVING

Pre-Ride Instructions

- Check the condition of all the movable parts.
- Check all rotating parts and add oil if it is missing.
- Check whether the tyres are intact.
- Check the tyre pressures
- Kornanın çalışır vaziyette olduğunu kontrol ediniz.
- Make sure that all nuts and bolts are tightened adequately.
- Check that the brake cable and other cables are not pinched and are working properly.
- Make sure the throttle is working properly.
- Check all lighting systems.

Safe Driving Instructions

- Follow the pre-ride instructions before starting to use.
- Most accidents occur due to not being noticed in traffic. To prevent this; wear clothes that will reflect light and make you noticeable in traffic.
- Accessories such as knee pads, elbow pads, goggles, and protective gloves are protective gear that will significantly reduce your risk of serious injury. However, make sure to wear a helmet before riding your vehicle.
- Grasp the grips with both hands while riding.
- Make sure you maintain a safe driving position.
- Practice often, primarily to gain experience
- Obey the maximum loading conditions specified in the manual.
- Make sure the loads inside the bags attached to the rear carrier are light.
- Objects moving while driving will change the vehicle's center of gravity and will endanger the driving safety. Take the necessary measures to avoid this situation.
- Avoid acrobatic movements while driving your vehicle.
- Avoid high speeds when turning.
- Wet weather lengthens the braking distance and restricts maneuverability. In such cases, always maintain your low speed.
- Avoid excessive puddles that may occur in rainy weather.
- Do not use under the influence of alcohol and drugs.

1. SAFE DRIVING

Efficient Driving Instructions

If the following efficient driving instructions are followed, your vehicle's driving range and efficiency will increase;

- Take your vehicle to service regularly.
- Comply with the maximum load limits in the manual.
- Be careful about using your vehicle in suitable weather and road conditions.
- Check all tyres before riding, that your tyre pressures are appropriate.
- Pay attention to the maximum speed limits.

2.GENERAL VIEW



1. ABS Brake System
2. Side Signal Lamp
3. Headlight
4. Dashboard
5. Mirrors
6. Ignition Switch
7. Fuel Tank Cap
8. Seat
9. Rear Luggage Rack

10. Stop Light
11. License Plate
12. Air Filter
13. Engine
14. Passenger Foot Rest
15. Main Stand
16. Side Stand

WARNING

- All parts listed in the user manual are for reference. The manufacturer can make changes without notice.

CAUTION

- Do not use your horn in areas where horn use is prohibited.

2.1. DASHBOARD

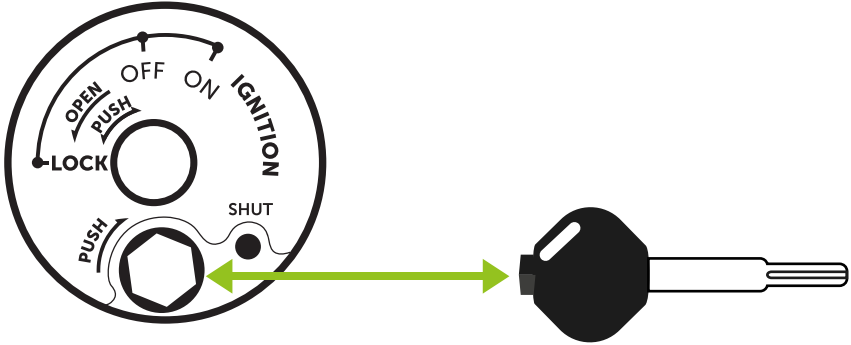


1. High/Low Beam Switch
2. Dashboard
 - a. Fuel Gauge
 - b. Rev Count
 - c. Odometer
 - d. Clock
 - e. Speedometer
 - f. ABS Warning Light
3. Start/Stop Button
4. Throttle Lever
5. Hazard Warning Button
6. Starter Button
7. Horn
8. Right/Left Signal Button

WARNING

- All parts listed in the user manual are provided for reference.
- The manufacturer may make changes without prior notice.
- The ABS light is on when the vehicle is stopped. The engine warning light is on when the engine is stopped and the starter is not on.

3. ACTUATION AND USAGE



Turn ON / Turn OFF

Open the lock by placing the key into the key slot shown in the figure. Place the key and turn it from the off position to the on position. The vehicle's system will open, otherwise the system will close.

Steering Lock

Your vehicle has a steering lock feature. Turn the handlebars to the far left and press the key on the ignition lightly to turn it to the lock position. To unlock, press the key lightly to turn it to the open position and turn the handlebars in the opposite direction.

Seat Locking

When the seat is closed, you can open your seat by turning the key to the lock position. If you close your open seat, the seat will automatically lock.

Starting the Engine

Lower the vehicle from the center stand. Insert the ignition key into the slot. Squeeze the rear brake. Ensure that the side stand is closed. The engine will not start if the side stand is open. Turn the ignition key to the on position.

3. ACTUATION AND USAGE

- Press the starter button while twisting the throttle downward to give gas. This will start your vehicle. Repeat this process until the vehicle starts.

CAUTION

- In certain conditions (climate conditions, air quality, fuel flow, etc.) the engine may not start immediately. Press the engine start button for a maximum of 3 seconds each time. If it does not start for 3 seconds, wait 10 seconds and try again. If you press the engine start button for more than 3 seconds, you may burn your spark plugs. You should release the engine start button as soon as the engine starts. If you do not release it, this will damage your starter motor.

WARNING

- Do not move your vehicle for the first 30 seconds after starting it. During this time, the engine components will be properly lubricated. If you start moving the vehicle immediately, the engine parts may wear out due to inadequate lubrication, which will shorten the expected lifespan of your engine

Acceleration

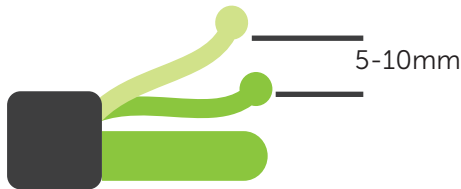
Turn the throttle lever to the "A" direction as shown below and accelerate the vehicle. In this case, your vehicle will move. If you turn the throttle lever to the "B" direction, your speed and acceleration will decrease.



3. ACTUATION AND USAGE

Braking

Your vehicle is equipped with a front/rear hydraulic disc brake system. The front brake is activated with the brake lever on the right, and the rear brake is activated with the brake lever on the left. Grasp the brake lever with your fingers and gently squeeze it towards you. Slowly loosen the brake lever to stop braking. Avoid sudden and hard braking. Otherwise, your vehicle may slip and cause accidents. Be careful when braking on downhill descents.



WARNING

- Avoid sudden and hard braking. Otherwise, your vehicle may skid and cause accidents.
- Be careful when braking downhill.
- Do not continue to accelerate while braking. This may cause damage to the electronic control unit and the engine.
- Brake pads, calipers, and brake discs can reach high temperatures during braking. Contact with these hot surfaces can cause serious injuries. Ensure that these parts have cooled down before performing maintenance or repairs.
- The disc braking system offers high braking performance. Therefore, practice braking on flat surfaces.
- The braking system can be adjusted for sensitivity. For safer deceleration, front and rear brakes should be used together.
- If the brakes are used for a long time, the brake sets heat up and their performance decreases. This can extend your braking distance and affect safe stopping.
- Brake pads should always be replaced with original products. Low-quality parts can damage other vehicle components and affect your vehicle's performance.
- The braking system is crucial for your safety. Have regular checks and adjustments performed at authorized service centers according to the intervals given in the periodic maintenance schedule.

Loading

Do not carry loads that are not suitable for your motorcycle. Otherwise, these parts may be damaged

- The rear luggage bag can be used to carry light loads.
- Please do not exceed the allowed load limits. The maximum carrying capacity of the rear carrier is 10 kg.

4.MAINTENANCE AND CONTROL

Fuel Tank

Your vehicle's fuel tank is 6.5L. The fuel tank cap is located in the middle of the vehicle. After unlocking it by turning the ignition, you can open the fuel tank cap by turning it by hand. If your vehicle's fuel needle approaches the red position, you need to refuel as soon as possible. The recommended fuel is to use minimum 95 octane unleaded gasoline. If your fuel consumption is higher than expected or if the vehicle does not start but fuel is decreasing, please check your tank for leaks.



WARNING

- Ensure there are no leaks in the fuel lines.
- Check that there are no cracks, blockages, or any damage to the fuel hose.



CAUTION

- Ensure that no foreign substances like dust or water enter your vehicle's fuel tank. Pay attention to fuel quality when refueling. Poor quality fuel can damage your vehicle. Do not mix motor oil with fuel. Your engine is designed to run on unleaded gasoline only.

Lighting Components

- The lighting system positioned at the front and rear should be used to increase visibility during both dark and daylight driving conditions. Enhancing visibility will elevate the safety level of your ride. As required by regulations, the high beam headlights will automatically turn on when the vehicle is started to increase visibility. To activate the lighting system, start the vehicle. For high beam headlights, press the high beam switch located on the left side of the panel.

Stands

- To keep the vehicle in a flat and stable position, there is a center stand (main stand) and a side stand (side stand). To engage the center stand, press down on the foot of the stand and gently push the vehicle backward. To retract the stand, push the vehicle forward. The side stand has a side stand sensor. This sensor prevents the vehicle from being energized when the side stand is in the open position for safety reasons. Make sure the side stand is in the retracted position before starting the vehicle.

Battery

Your vehicle uses a 12V 7Ah battery. The following points should be taken into consideration for the battery:

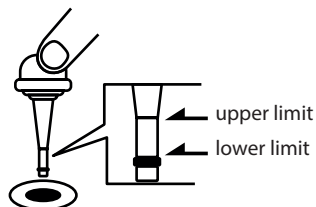
- Do not pour the acidic liquid inside your used accumulator into the ground, water or sewage system.
- Do not burn the plastic parts of your used accumulator in stoves and boilers.
- Keep used accumulators away from children.



4.MAINTENANCE AND CONTROL

Oil Level Check and Oil Filling

- Insert the clean oil dipstick directly into its tube.
- Remove the dipstick and check the oil level. If the oil level is at or below the lower limit, add oil until it reaches the upper limit.
- Use 10W-40 oil for the engine and 80W-90 oil for the transmission



CAUTION

- The quality and type of oil you use are very important. Using low-quality oil directly affects the engine's lifespan. Always use oil that you are sure of in terms of quality and authenticity.
- The type of oil you use should definitely be the recommended oil.

WARNING

- Gasoline is highly flammable, it can explode under certain conditions. When refueling, always make sure to turn off the ignition and ensure the area is well-ventilated. Gasoline is also corrosive; Do not overfill the fuel tank as it may damage your vehicle.. Immediately after refueling, close and lock the fuel tank cap.
- Gasoline contains toxic substances that can cause harm or even death if ingested accidentally or if its fumes are inhaled in high concentrations. Avoid contact with your skin and do not inhale the fumes.

Brake Maintenance

Brake pads wear out due to the working principle. It should be replaced when it reaches certain safety levels. Inspection of this safety level and change of pads should be done by authorized services. Unreplaced brake pads cause the brake system to work poorly, make noise, and in some cases, break other parts. Brakes should be checked at every service period.

CAUTION

- Brake pads should always be replaced with original parts. Low-quality components may damage other parts of the vehicle and can also affect the performance of your vehicle.

Ignition System

You can check the ignition system by following these steps. If you detect any issues, please contact the nearest authorized service center.

4.MAINTENANCE AND CONTROL

Turn the key to the 'on' position.



Lift the side stand.

Lower the side stand



Pull the brake lever and press the start button.



If the engine stops: There is no issue with the side stand sensor.



WARNING

- When testing the ignition system, your motorcycle should be on the center stand.

Tire Pressure Check

Check the pressure levels of your tyres daily. Tyre pressures above and below the norm will affect the vehicle's handling, acceleration, energy consumption and similar performances.

Check your tyres daily for punctures, cuts or any other unusual condition. Also on the rims; crushing, scratching and inclination can cause pressure loss. This type of damage can cause your vehicle to unbalance and vibration. In case of such situations, please visit the nearest official service point and have the damage repaired.

| | Size | LCI Speed Index | Tyre Pressure |
|------|-----------|-----------------|---------------|
| APXS | 130/70-13 | 63Q | 32 PSI |
| | 130/60-13 | 53L, 60P | 40 PSI |



WARNING

- If the tyre does not have the correct air pressure, it will wear out more quickly and its life will be shortened, as well deflated tyres may cause an accident as they reduce grip.
- In case of very low air pressure, the tyre may come off the rim.
- Your tyres will wear out as you use them. You should change your tyre when your tread depth decreases. Depending on the road, climate and usage conditions, your tyre life may be extended or shortened. Drivers should check tire pressure and tread depth regularly. Tyres with low tread depth will reduce grip, especially on wet surfaces. Minimum tread depth is 1.5 mm for front tyre, 2.0 mm for rear tyre. Such situations cause accidents.

4.MAINTENANCE AND CONTROL

Air Filter Cleaning

Dirty air filter disrupts the ideal air-fuel mixture ratio and increases fuel consumption. This also leads to an increase in exhaust emissions. Regularly clean the air filter.

- Remove the air filter sponge from its box
- Clean it with a cleaning oil and let it air dry. (Do not use gasoline for cleaning!)
- Once it is completely free of cleaning oil, place it back in the plastic box.
- The air filter is made of cellulose sponge and should be checked and cleaned every 2,000 km. Clean it using a detergent solution specifically designed for this purpose and rinse thoroughly. Before use, apply a small amount of oil. Additionally, as shown in the maintenance schedule, replace it every 6,000 km.

CAUTION

- If your vehicle is used in rainy or dusty conditions, you should check and replace the air filter more frequently.
- Do not use gasoline for cleaning.

Engine Oil and Transmission Oil Change

The first change of your engine oil and transmission oil should be done at 500 km. Ensure that you regularly check and change the engine oil and transmission oil according to the intervals specified in the maintenance schedule.

CAUTION

- If you use the vehicle under extreme conditions such as rough roads, high performance, or unusual climate conditions, increase the frequency of oil changes and checks.



**Transmission
Oil Drain**

Transmission Oil Fill

CAUTION

- Insufficient oil levels can lead to increased wear and potential damage to your vehicle's engine.
- Regularly check your vehicle's oil level.

4.MAINTENANCE AND CONTROL

Spark Plug Inspection

Dirty spark plugs or those with an unusually high gap between the electrodes cannot ignite.

Bujiyi;

- Clean the spark plug with a spark plug cleaner.
- The gap between the two electrodes should be 0.6 to 0.7 mm. Adjust this gap as needed.
- Please use the spark plug recommended by the manufacturer.



CAUTION

- After stopping the engine, wait for the engine to cool down. Removing the spark plugs before the engine has cooled can damage your vehicle.
- First, hand-tighten the spark plug, then use a wrench to secure it.



Fuse Replacement

The vehicle's electrical circuit is protected by a 15A glass/blade fuse. However, these fuses are single-use and need to be replaced if they blow or malfunction. For this purpose;

- Ensure that the vehicle is in the off position.
- Lift the cover located at the footrest area.
- The fuse is located in the fuse box next to the battery.
- Remove the cover of the fuse and take out the fuse.
- Replace it with a fuse of equivalent specifications.



CAUTION

- Do not use high-pressure water when washing your vehicle. It can damage the electrical systems.



WARNING

- Using a fuse with a capacity below the specified rating can cause frequent system interruptions, while using a fuse with a higher capacity can lead to damage to electronic components and wires due to excessive current.

4. MAINTENANCE AND CONTROL

Assembly of the Suspension

- Lift the vehicle to the center stand. Push the rear axle back and forth by hand. If there is any play, tighten it again. Ensure that it is fully tightened and in the correct position.
- Ensure that all nuts securing the front and rear suspensions are tightened. If suspension connections are not properly tightened, some connection points may be subjected to forces beyond normal levels, which can lead to damage and potentially cause an accident.

Adjusting the Throttle Lever

- Check that the throttle lever moves easily from the lowest to the highest position.
- The distance from the highest position to the point where the throttle responds should be between 2 and 6 mm. To adjust this, loosen the locking nut, turn the adjuster, and then tighten it again.

Maintenance Period

- Even if your vehicle runs smoothly, it should be checked at regular intervals by going to authorized services. These intervals are specified in detail on the next pages of the user manual. Vehicles that have experienced problems or have had an accident should be taken directly to the authorized service without waiting for the maintenance interval. In such cases, repairs must be made with the original parts.
- Maintenance, repair, modification or any change that will increase the performance of the vehicle other than the contracted service stations approved by the manufacturer will cause the product to be out of warranty.



CAUTION

- To ensure the safety and longevity of your vehicle, please avoid modifications. Modified vehicles can jeopardize both your safety and that of others on the road. Always use parts approved by the manufacturer.



WARNING

- Before performing any maintenance, for your personal safety, make sure to turn off the engine and place the vehicle on its center stand. Even for simple maintenance tasks, do not perform them unless the engine is off and the vehicle is on the center stand.
- If the vehicle has not been used for 1 month or more, check components that may have worn out or rusted, such as fuel, tires, and the battery, before starting to use it again.

4.MAINTENANCE AND CONTROL

Periodic Maintenance Tables

- Periodic maintenance should be done at authorized technical service stations.
- Vehicles that are not regularly maintained (once every 4 months) will be evaluated out of warranty.

WARRANTY MAINTENANCE CARD PERIODIC MAINTENANCE TABLE

| 500 Km | 2.000 Km | 4.000 Km | 6.000 Km | 8.000 Km | 10.000 Km |
|---|---|---|---|---|---|
| STAMP Km:..... Date:...../...../..... | STAMP Km:..... Date:...../...../..... | STAMP Km:..... Date:...../...../..... | STAMP Km:..... Date:...../...../..... | STAMP Km:..... Date:...../...../..... | STAMP Km:..... Date:...../...../..... |
| 12.000 Km | 14.000 Km | 16.000 Km | 18.000 Km | 20.000 Km | 22.000 Km |
| STAMP Km:..... Date:...../...../..... | STAMP Km:..... Date:...../...../..... | STAMP Km:..... Date:...../...../..... | STAMP Km:..... Date:...../...../..... | STAMP Km:..... Date:...../...../..... | STAMP Km:..... Date:...../...../..... |
| Km Saati Değişimi: | | Km:..... Date:...../...../..... | Km:..... Date:...../...../..... | Km:..... Date:...../...../..... | Km:..... Date:...../...../..... |

4.MAINTENANCE AND CONTROL

GASOLINE VEHICLE MAINTENANCE TABLE

| GASOLINE VEHICLE MAINTENANCE TABLE | | | MAINTENANCE MILEAGE | | | | | | | | | | | | | | | | |
|------------------------------------|--|----------------------|---------------------|----------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------------------|
| PART/SYSTEM NAME | PART REPLACEMENT PROCEDURES | Replacement Interval | 500KM Running-In | 2,000 KM | 4,000 KM | 6,000 KM | 8,000 KM | 10,000 KM | 12,000 KM | 14,000 KM | 16,000 KM | 18,000 KM | 20,000 KM | 22,000 KM | 24,000 KM | 26,000 KM | 28,000 KM | 30,000 KM | 6-Month+ Maintenance |
| Engine Oil | Replacement | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Transmission drain plug washer | Replacement | 4,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| O-ring (oil filter) | Oil filter cleaning and O-ring replacement. | 6,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Air Filter | Replacement | 6,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Valve Cover Gasket | Replacement | 4,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Drive Belt | Replacement | 6,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Front Variator | Worn Parts Replacement (bushings + sliding surfaces) | 6,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Rear Clutch | Replacement | 10,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Spark Plug | Replacement | 8,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| PART/SYSTEM NAME | GENERAL MAINTENANCE PROCEDURES* (Inspection, adjustment, cleaning, lubrication, tightening, etc.) | MAINTENANCE PERIOD | | | | | | | | | | | | | | | | | |
| Front and Rear Brakes | Check the brake connections, inspect their operation, the level of hydraulic fluid, and whether there are any leaks in the system. | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| | Check for cracks or damage in the brake hose | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| | Replace the brake pads if necessary. | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| | Check the brake lever. Adjust it if necessary. | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| | Check the operation of the brake switches. | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Fuel Hose | If possible, check and clean the ABS sensor connections. | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| | Check the operation of the brake cable and lubricate if necessary. | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| | Check the brake discs. | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Fasteners | Check the fuel hose for cracks or leaks. | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Lighting Components | Check the bolts, nuts, and screws on the engine, exhaust, brake hubs, and frame. Tighten any loose connections. | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Injection | Check the operation of the headlight, taillight, turn signals, and buttons. | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Exhaust | Check the engine idle speed. | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| | Clean it. | 4,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Battery | Check for leaks. Tighten or replace gaskets if necessary. | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| | Measure the battery voltage. Charge or replace it if necessary. | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| | Check the tightness of the battery terminals. | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Tires | Check the tire pressure, inspect the tires for damage, and measure the tread depth. | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Rims | Check for leaks or damage. | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Wheel Bearings | Check for any play in the hub and ensure the wheels turn freely. | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Steering Bearings | Check the handbrake bearings for wear or looseness. Lubricate if necessary. | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Front Suspension | Check the suspension for proper movement. Inspect the shock absorbers' inner tube for scratches, damage, or excessive lubrication. | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Rear Suspension | Check for any unusual noises while operating and inspect for oil leaks. | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Throttle | Check the operation and throttle play, and adjust if necessary. | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| | Check the throttle cable operation and lubricate if necessary. | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Spark Plug | Check the condition of the spark plug. Clean it and adjust the spark plug gap if necessary. | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| | Ensure the spark plug cap is properly seated and free of cracks. | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Valve | Check the valve clearance and adjust if necessary. | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Engine Oil | Check the oil level and inspect the engine for any oil leaks | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Engine Oil Filter | Clean the oil filter. | 6,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Air Filter | Clean it. | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Fuel Filter | Clean it. | 6,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Front Variator | Check the wear on the bag and slider surfaces, and replace if necessary. | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| | Clean it. | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Rear Clutch | Check the clutch plate for wear and replace it if necessary. | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| | Clean it. | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |
| Drive Belt | Check the drive belt for cracks or wear, and replace it if necessary. | 2,000KM | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● | ● |

- The warranty period for Volvo Motor vehicles is 1 year. You can contact our authorized dealer/service center in your country for warranty terms.
- The components listed above, which have specified replacement intervals, naturally wear out over time due to friction, thermal, and mechanical stress during operation. Therefore, it is strongly recommended to replace them when the maintenance mileage is reached. Components that are not replaced and any faults arising from these components are not covered under warranty.
- The interval between two maintenance periods should not exceed 6 months. If maintenance has not been performed based on mileage, a 6-month maintenance should be carried out.



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4. MAINTENANCE AND CONTROL

First Use (Running-in)

- Do not push the vehicle during the running-in period. The running-in period of your vehicle is the time until the first maintenance.
- The initial use is the phase where the parts of your gasoline motorcycle adjust to each other. During this phase, please avoid stressing your gasoline motorcycle.
- Avoid sudden acceleration. Do not fully twist the throttle during the running-in period. Engine components adjust to each other at maximum performance at low revs.
- Do not start riding immediately after starting your motorcycle. Wait for a while while the motorcycle is idling to allow the engine oil to reach all engine components.
- Do not carry loads or passengers during the running-in period.

First Maintenance

- The first 500-1,000 km maintenance is crucial for your vehicle. After initial use, the engine components will have adapted to each other, and it is recommended to check all bolts and change the engine oil during the first maintenance.
- With the first maintenance, the engine and motorcycle components will begin to work in harmony and parts will settle into place with use. Therefore, all component bolts and nuts will be tightened, and the engine oil will be replaced with new oil.
- The reliability of your vehicle depends on a properly conducted initial use and the first periodic maintenance.

MOTOR CODE AND CHASSIS PLATE

Motor code and chassis number are for the registration of your vehicle and help our authorized services in order to provide better service to you in case of need for maintenance / repair.



CAUTION

- Make sure that the motor and chassis numbers on your electric vehicle are the same as those on the certificate of conformity.



Motor Code



Chassis Plate

5.STORAGE CONDITIONS

Storage

If you are not going to use your vehicle for a long time during periods such as winter , you should take some precautions to protect your vehicle from malfunctions and corrosions. It would be better to make some repairs before storage.

- Check the engine oil and replace it if necessary.
- Drain all the fuel from the fuel tank and carburetor. Clean with rust remover oil and then securely close the fuel tank cap. Do not smoke or play with fire while draining the tank.
- Remove the spark plug and pour a spoonful of engine oil into the cylinder. Run the engine for a few minutes. After the oil has fully coated the cylinder, reinstall the spark plug.
- Remove your battery. Store it at room temperature in a place that is not exposed to direct sunlight (20-25°C is ideal). Charge the battery at least once a month
- Clean, rinse and dry your vehicle. Coating the painted surfaces with protective oil will extend the life of your paint and ensure that it retains its first day's shine.
- Bring the tire pressure of your electric vehicle to the ideal level. Raise the vehicle onto the center stand and place wooden blocks under the front and rear wheels to lift them off the ground.
- Cover with a non-plastic or non-rubber cover. Ensure that the storage conditions avoid significant temperature fluctuations. High temperature changes can cause many parts of your vehicle to fatigue, degrade, or crack.

Putting the motorcycle back into use

- Remove the cover from your vehicle and clean it.
- If you have not used the vehicle for more than 4 months, change the engine oil.
- Check the battery fluid level and top it up if necessary. Reconnect the battery.
- Empty the fuel tank of rust remover oil and refill it with gasoline.
- Start the vehicle after completing all pre-driving instructions.
- Perform the initial operation in a traffic-free area. Only enter traffic after ensuring that all components of the vehicle are operating correctly and at full performance.

5.STORAGE CONDITIONS

- All loads on the vehicle must be evenly distributed. The vehicle's center of gravity is precisely adjusted. Disruption of this balance may cause instability, leading to accidents or damage.
- The rear carrier is designed only for carrying light items. Please do not carry heavy items.
- When calculating your vehicle's carrying capacity, add up all the loads being carried. This includes the driver, passenger, and all carried items.
- Overloading the vehicle will make it harder to handle and shorten its lifespan. Please do not exceed the load limits specified in your technical documentation.

Transport

When transporting your gasoline motorcycle, make sure the ignition is off. Engage the front and rear brakes. To prevent any external damage to your vehicle, you can safely transport it by covering a metal cage with cardboard.

Assembly

The gasoline motorcycle is delivered assembled.

6. TECHNICAL SPECIFICATIONS

| Parametreler | |
|-----------------------|-----------------------|
| Length | 2050 mm |
| Width | 778 mm |
| Height | 1128 mm |
| Wheelbase | 1370 mm |
| Weight | 121 kg |
| Max Carrying Capacity | 150 kg |
| Engine Capacity | 149.6 cm ³ |
| Max Net Power | 7.6 kW |
| Max Net Torque | 10.7 Nm |
| Cylinder Number | 1 |
| Cylinder Arrangement | S |
| Bore/Diameter | 57.4 mm |
| Stroke | 57.8 mm |
| Compression Ratio | 9:2:1 |
| Transmission Type | CVT |
| Max Speed | 95 Km/h |
| Fuel Consumption | 2.8 L / 100 Km |
| Fuel Tank Capacity | 6.5L |
| Battery | 12V 7A |
| Front Brake | Hidrolik Disk |
| Rear Brake | Hidrolik Disk |
| Seat Position Number | 2 |
| Tyres | |
| Size | 130/70-13 |
| Load, Index | 63Q |
| Pressure | 32 PSI |
| Size | 130/60-13 |
| Load, Index | 53L, 60P |
| Pressure | 40 PSI |

7. MANUFACTURER INFORMATION

The service life of your Volta brand vehicle is 10 years, and the maximum repair period is 45 working days. If you encounter any problems with your vehicle, you can visit our website www.volta.com.tr and access information about authorized services and spare parts.

You can access all authorized service station information from the Service Information System created by the Ministry.

VOLTA MOTOR SANAYİ VE TİCARET A.Ş.

Selamlar Köyü Selamlar Mevkii Gümüşova OSB 1.Sokak Blok No:10

Gümüşova / DÜZCE / TÜRKİYE

Tel : 0850 222 28 65

info@volta.com.tr

VOLTA MOTOR SERBEST BÖLGE

Tübitak Teknoloji Serbest Bölgesi Tübitak MAM Teknoloji Serbest Bölgesi

Barış SB. Mh. 5001 Sk. No:3 A/B

Gebze / KOCAELİ / TÜRKİYE

Tel : 0850 222 28 65

info@volta.com.tr

VOLTA MOTOR SAN. VE TIC. A.Ş

Adres: Yaka Mah. 401 Sok. No:19 Cumayeri/Düzce/TÜRKİYE

Cumayeri/Düzce/TÜRKİYE

Tel : 0850 222 28 65

info@volta.com.tr

MANUFACTURER

| | | | |
|------------|---|---|---|
| Trade Name | Volta Motor Sanayi ve Tic. A.Ş. | | |
| Address | Volta Motor Sanayi ve Ticaret A.Ş. Selamlar Köyü Selamlar Mevkii Gümüşova OSB 1.Sokak Blok No:10 Gümüşova / DÜZCE / TÜRKİYE Tel : 0850 222 28 65 info@volta.com.tr | VOLTA MOTOR CUMAYERİ Yaka Mah. 401. Sok. No: 19 Cumayeri / DÜZCE Tel : 0850 222 28 65 info@volta.com.tr | VOLTA MOTOR SERBEST BÖLGE Tübitak Teknoloji Serbest Bölgesi Tübitak MAM Teknoloji Serbest Bölgesi Barış SB. Mh. 5001 Sk. No:3 A/B Gebze / KOCAELİ / TÜRKİYE Tel : 0850 222 28 65 info@volta.com.tr |
| Phone | +90 850 222 28 65 | +90 850 222 28 65 | |
| Fax | +90 850 222 28 65 | +90 850 222 28 65 | |

PRODUCT

| | |
|-------------------------|------------------|
| Type | Gasoline Vehicle |
| Commercial Name | APEC |
| Model | APX5 |
| VIN | |
| Delivery Date and Place | |
| Maximum Repair Time | 45 Working Days |
| Warranty Period | 1-Year |

SELLER

| | |
|-------------------------|--|
| Trade Name | |
| Address | |
| Phone | |
| Fax | |
| Invoice Date and Number | |
| Date of Sale | |

This section must be filled in completely by the seller. (Stamp and Signature)

9.FINAL INSPECTION

Checks to be done before delivery;

1. No short circuit in electrical circuit
2. No vehicle transportation damage
3. Battery charge done / complete
4. Rim/Wheel movements are normal, no balance
5. Chassis Engine number checked
6. Engine oil level is normal
7. Tire air pressures are normal
8. Engine fixing bolts are tightened
9. Throttle cable adjustment is normal
10. Throttle Body Bolts are tightened
11. Engine operation is normal
12. No bearing and gear noise/hum
13. Headlight controls are normal
14. Headlight, parking lights are OK
15. Rear lighting, stop lights are OK
16. Fuel gauge is working
17. Oil warning light is OK
18. Signals (Flashers) are working
19. Control buttons are working
20. Start button is working.

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Road Test

21. Vehicle traction is good
22. Balanced, no traction while driving
23. Brake checks were done
24. Shaking and vibration are normal
25. Speed/Truck indicators are working

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Things to be Explained to the End User

Please check the boxes below.

A-Has the motorcycle owner been told how to start the engine?

B-Has the motorcycle owner been informed about the type of fuel to be used?

C-Has the motorcycle owner been told about the warranty and what to do?

D-Has the motorcycle owner been told that he/she should not push the product at high speeds during the running-in period (1,000 km)?

E-Has the motorcycle owner been told that the engine structure should be changed every 6 months even if the motorcycle maintenance mileage has not come?

F-Has the motorcycle owner been told that the engine oil should be checked every 1,000 km?

G-Has the motorcycle owner been told that the content of the user manual and that he/she should read the manual?

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VEHICLE OWNER

Name-Surname

Phone Number:

SIGNATURE:

You can go to the web address where you can search for the nearest



SERVICE

You can go to the web address where you can search for the nearest



SALES

WARRANTY INFORMATION

WARRANTY PERIOD

1. The warranty period for all Volta Motor vehicles is 1 year. (Standards may vary depending on the country you are in.) You can seek support from the authorized dealer where you purchased the product.
2. During the warranty process, the warranty period for the replaced item is limited to the remaining warranty period of the original purchased item.
3. In case of a defect, the time spent on repair is added to the warranty period.
4. If a part of the product, which is not mandatory to be sold with the warranty certificate, is replaced or sold by a service station outside the warranty period, the warranty period for the replaced or sold spare part is six months.
5. The warranty begins from the date of the sales invoice of the product.

WARRANTY TERMS AND CUSTOMER RESPONSIBILITY

1. To benefit from the warranty, the warranty certificate or sales invoice must be presented. These documents should be kept throughout the warranty period.
2. Maintenance of the vehicles must be performed at authorized service centers at the intervals specified in the user manual provided with the vehicle.
3. Vehicles should be used in accordance with their intended purpose, and daily maintenance and pre-driving checks as specified in the user manual must be carried out.

WARRANTY COVERAGE

1. The warranty covers the repair of defects caused by manufacturing or workmanship errors, including all parts of the vehicle. This includes the replacement of parts that cannot be repaired.
2. In the case of a material and/or manufacturing defect in the vehicle or its parts, the manufacturer may repair the defective part. There is no obligation to replace the part with a new one.
3. For parts such as batteries and tires, which are covered by the warranty provided by their respective manufacturers, warranty claims will be processed based on a report prepared by the manufacturer. The customer may also be referred to the manufacturer's own service centers for repair.

EXCLUSIONS FROM WARRANTY COVERAGE

- 1.The warranty will be void if any tampering is done on the invoice or warranty document, or if the original serial number on the vehicle is removed or tampered with.
- 2.Faults arising from maintenance and repairs not performed on time at authorized service centers are excluded from the warranty coverage.
- 3.Faults arising from repairs and interventions performed by unauthorized service centers are excluded from the warranty coverage.
- 4.Faults arising from the use of non-original spare parts are excluded from the warranty coverage.
- 5.Faults resulting from the vehicle being used for purposes other than those intended are excluded from the warranty coverage.
- 6.Faults are excluded from the warranty coverage if there is any modification or intervention on the defective part.
- 7.Faults resulting from engine, fuel pump, and injection system issues caused by dirty or unsuitable fuel are excluded from the warranty coverage.
- 8.Faults arising from actions contrary to the guidelines specified in the user manual are excluded from the warranty coverage.
- 9.Repairs and maintenance required due to accidents or improper use are excluded from the warranty coverage.
- 10.Faults caused by overloading or abnormal use that lead to the completion or shortening of the vehicle's economic lifespan are excluded from the warranty coverage.
- 11.Faults arising from failure to perform daily maintenance and pre-ride inspections as specified in the user manual are excluded from the warranty coverage.
- 12.Faults due to not regularly measuring tire pressures are excluded from the warranty coverage.
- 13.Faults arising from failure to check fluid levels (engine oil, hydraulic brake fluid, transmission oil) are excluded from the warranty coverage.
- 14.Faults resulting from non-compliance with warnings and alerts on the instrument panel are excluded from the warranty coverage.
- 15.Accidents occurring due to using the vehicle before completing service or driving a vehicle known to be faulty are excluded from the warranty coverage.
- 16.Wear and material costs resulting from adjustments needed for parts such as wheel balance, valve adjustment, and brake adjustment, which require periodic maintenance, are excluded from the warranty coverage.
- 17.Faults resulting from parts getting waterlogged due to high-pressure washing are excluded from the warranty coverage.
- 18.Wear, breakage, or damage to parts such as axles, differential, transmission, engine, wheels, shock absorbers, and chassis due to use beyond the maximum load capacities specified in the vehicle's technical documents are excluded from the warranty coverage.
- 19.Faults arising from modifications made to the vehicle are excluded from the warranty coverage.
- 20.Faults resulting from liquid contact with electronic components are excluded from the warranty coverage.
- 21.Damage and faults resulting from natural disasters such as fire, flood, water ingress, and lightning strikes are excluded from the warranty coverage.
- 22.Damage occurring to the vehicle during transportation, loading, or unloading after delivery to the customer is excluded from the warranty coverage.
- 23.Faults arising from prolonged use beyond speed limits are excluded from the warranty coverage.
- 24.Consumables that naturally wear out based on usage conditions and are recommended to be replaced during periodic maintenance, such as filters, belts, engine oil, transmission oil, o-rings, gaskets, brake pads, fuses, and bulbs, are excluded from the warranty coverage.
- 25.Parts with a defined lifespan that are recommended to be replaced at the specified time in the periodic maintenance schedules, such as front axles, transmissions, rear clutches, spark plugs, and faults arising from the expiration of replacement intervals, are excluded from the warranty coverage.
- 26.Battery swelling due to overcharging or sulfation resulting from non-compliance with charging rules are excluded from the warranty coverage.



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REVOLT

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