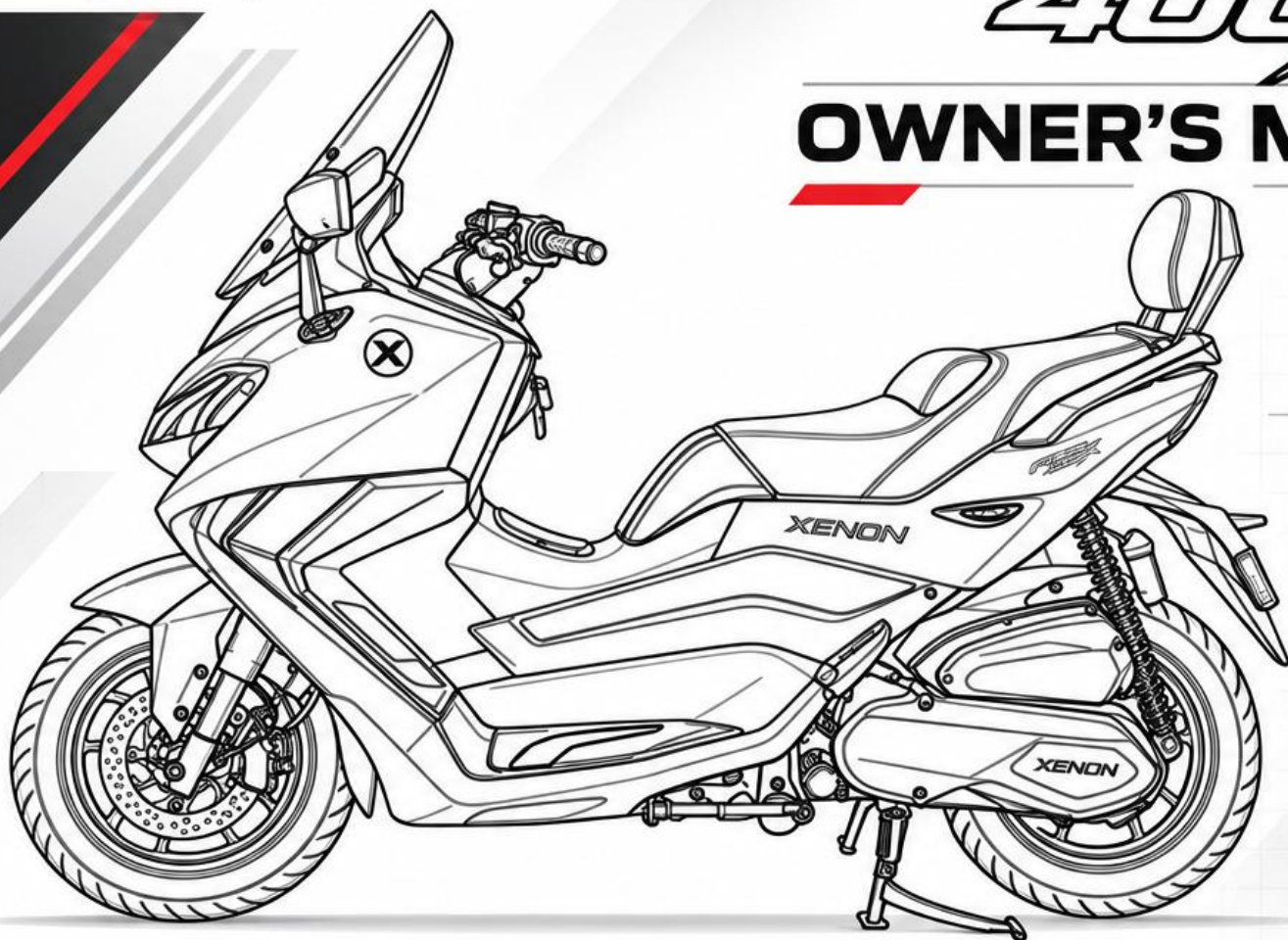


XENON

RIDE
FURTHER
LIVE
BOLDER

FINO 400X

OWNER'S MANUAL



READ THIS MANUAL CAREFULLY

It contains important safety information.
Make sure the operator holds a valid driver's license.

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XENON Motorcycle

Owner's Manual

Please read this Owner's Manual carefully! This Owner's Manual contains important safety information.

Do not use the motorcycle before fully understanding its performance.

Please keep this Owner's Manual in a safe place for future reference.

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一、Preface

Dear Valued Customer:

Thank you for choosing the XENON motorcycle. Our company and all employees would like to extend our sincere welcome and heartfelt gratitude for your purchase.

This manual is primarily intended to introduce you to the correct usage methods, safety precautions, overall structure, operating instructions, and simple inspection procedures for the XENON motorcycle. To ensure a more comfortable and safer riding experience, please read this manual carefully.

This manual provides clear and simple operating instructions through illustrations, and also covers basic maintenance operations and periodic inspections that may be performed by XENON MOTOR CO., LTD (hereinafter referred to as "XENON") dealers or authorized service stations.

Apart from the operations described in this manual, for other maintenance tasks that require special equipment or specialized skills, we strongly recommend that you have appropriate service, maintenance, and repairs performed by a XENON dealer or authorized service station. If the motorcycle is still within the prescribed warranty period, this will also help prevent any warranty disputes.

Should there be any changes to the vehicle's specifications, structure, or related configurations, or if any photos, illustrations, or descriptions in this manual differ from the actual product, the actual vehicle shall prevail, without prior notice.

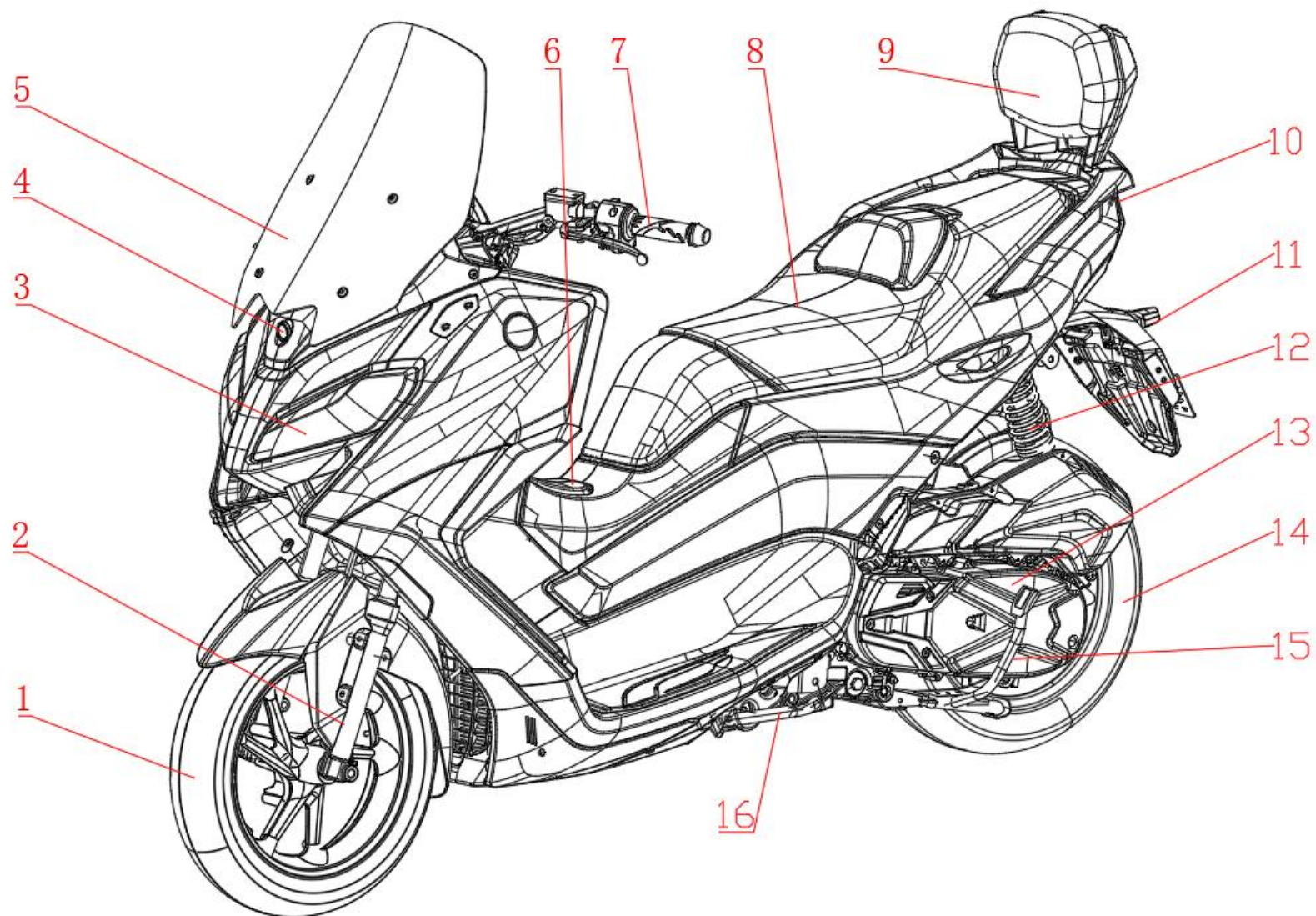
二、 Safety Guidelines for Riding

For the safety of you and your family, please be sure to read and follow the safety precautions below before riding the motorcycle, and be a responsible owner.

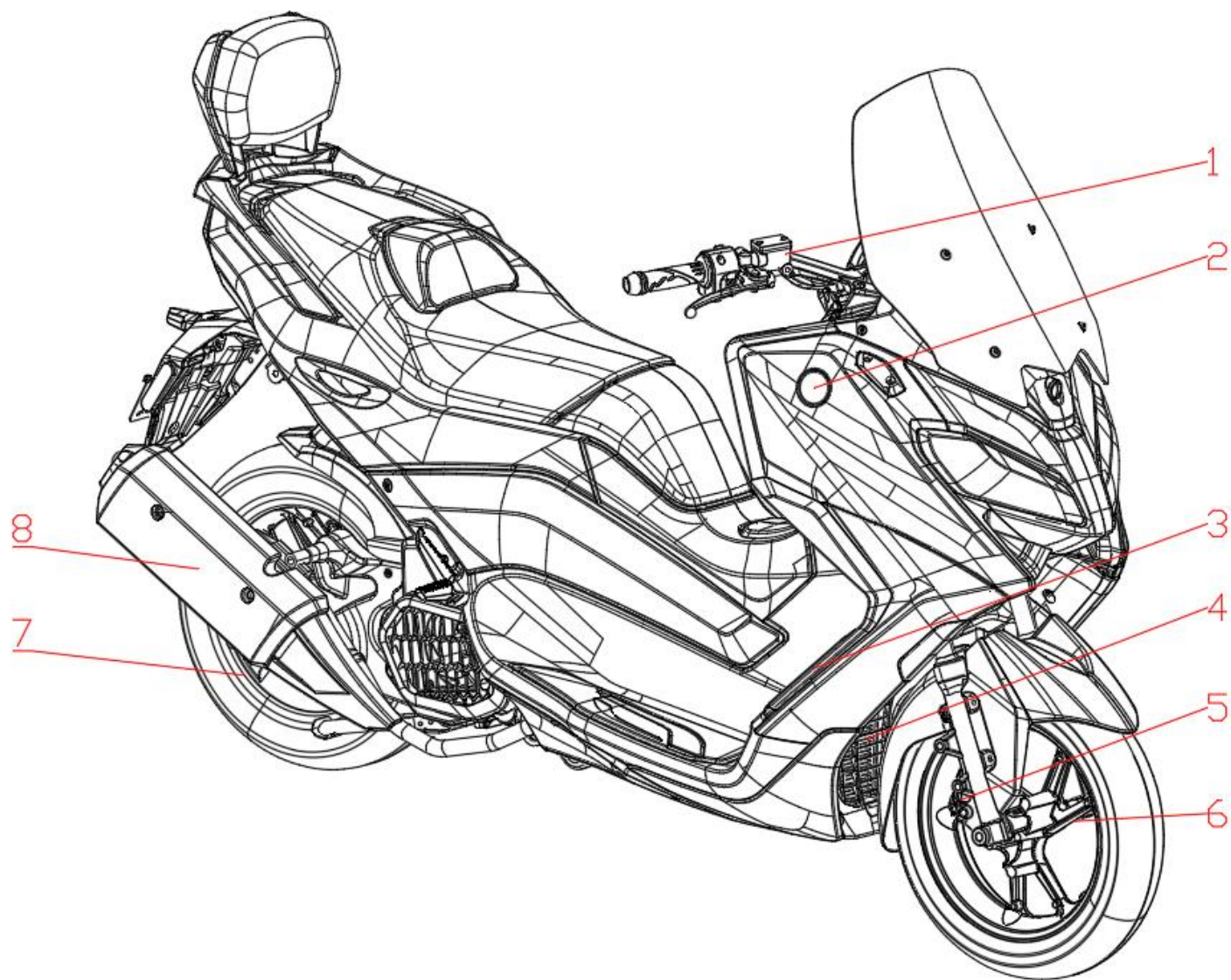
1. Motorcycle riders must pass the traffic administration examination and obtain a valid driver's license before operating the motorcycle. Riding without a license is strictly prohibited.
2. Do not ride this motorcycle before carefully reading the owner's manual and understanding its performance. It is strictly forbidden to lend the motorcycle to anyone who does not hold a valid driver's license or is not familiar with the vehicle's handling characteristics.
3. Under all circumstances, always wear a certified safety helmet and fasten it correctly when riding. It is strongly recommended to wear appropriate protective clothing and goggles, and do not carry loose items while the motorcycle is in motion.
4. Always obey traffic signs, speed limits, and use proper signals when riding.
5. Do not ride the motorcycle under the influence of medication or alcohol, or when fatigued or drowsy.
6. Exercise caution and reduce speed on wet or slippery surfaces, as well as on unfamiliar terrain.
7. Do not overload the motorcycle.
8. Do not hang any items from the handlebars while riding, as they may become entangled in the wheels and cause the vehicle to tip over, resulting in injury to the rider.
9. Do not install any parts not approved by XENON.
10. Failure to follow the above warnings may result in accidents causing serious injury or even death.
11. Use only unleaded gasoline

 **The appearance of a safety warning symbol (a triangle with an exclamation mark inside) indicates that caution is required, as it may affect your safety.**

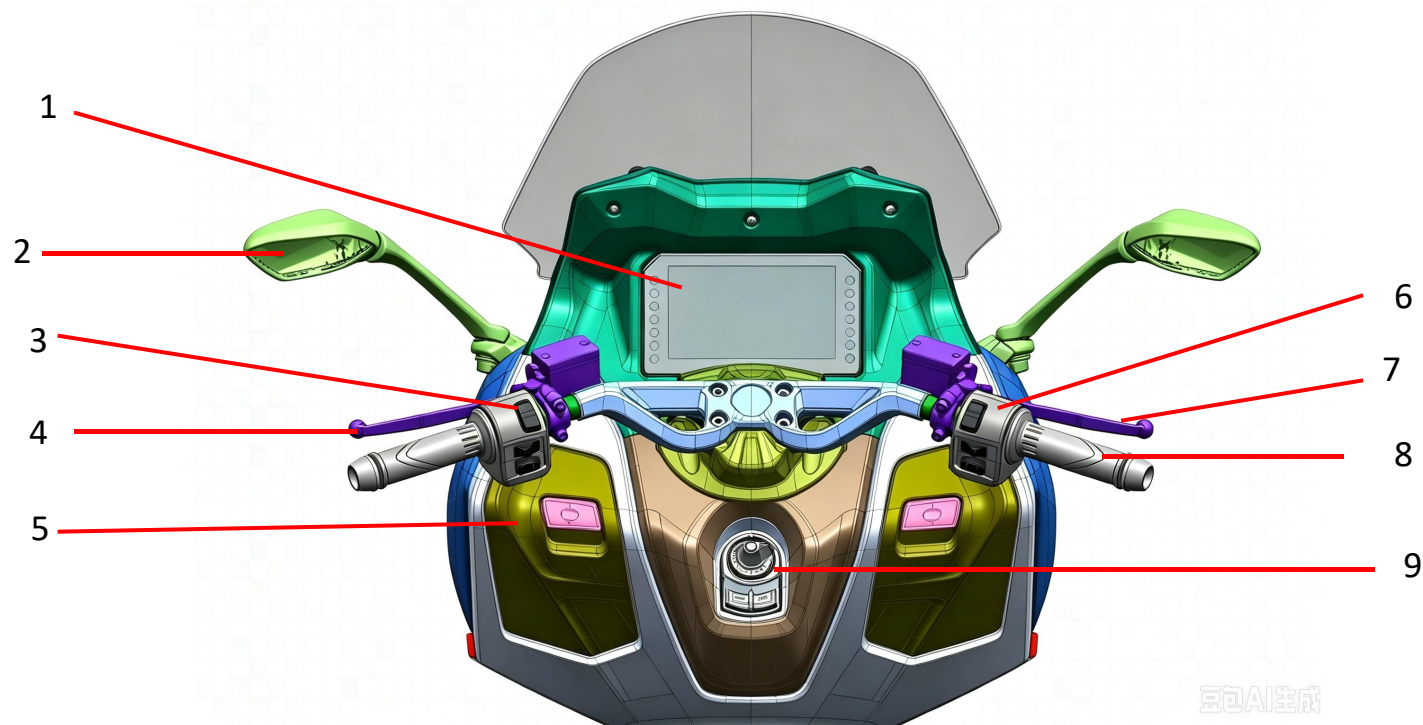
三、Overall Vehicle Structure



1、Front Tire 2、Front Shock Absorber 3、front headlight 4、Front Camera 5、Windshield 6、Fuel Filler Cap 7、Handlebar
8、Seat Cushion 9、Rear Backrest 10、Rear Taillight 11、License Plate Light 12、Rear Shock Absorber 13、Engine 14、Rear Tire
15、Main Stand 16、Side Stand

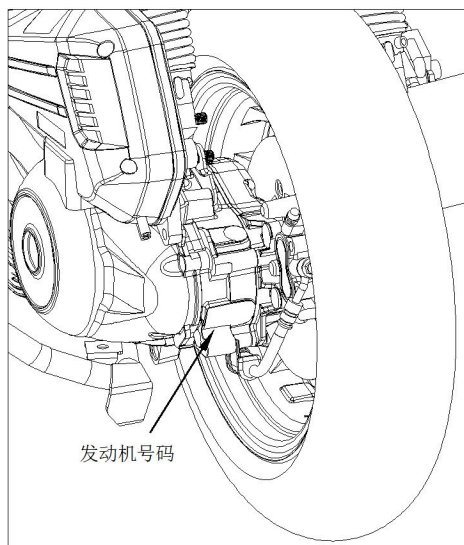


- 1、 Brake Fluid Cup 2、 Decorative Light 3、 Coolant Filler Neck 4、 Condenser Fan 5、 Front Disc Brake 6、 Front Wheel Hub
7、 Rear Wheel Hub 8、 Exhaust Pipe

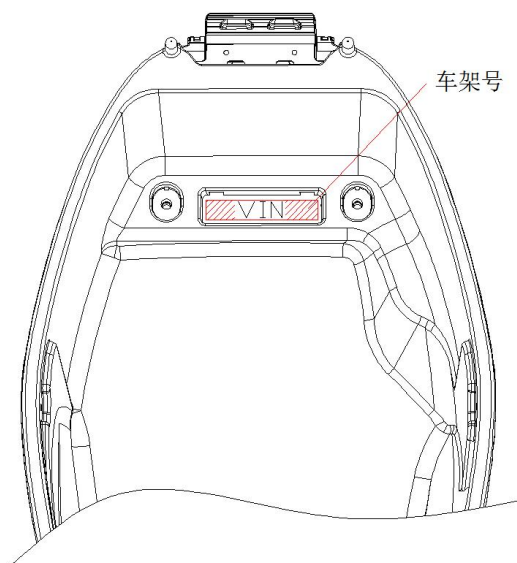


- 1、Instrument Panel 2、Rearview Mirror 3、Left Handlebar Switch 4、Rear Brake Lever 5、UBS (Inside Storage Compartment)
6、Right Handlebar Switch 7、Front Brake Lever 8、Throttle Grip 9、Ignition Lock

Engine Number Diagram

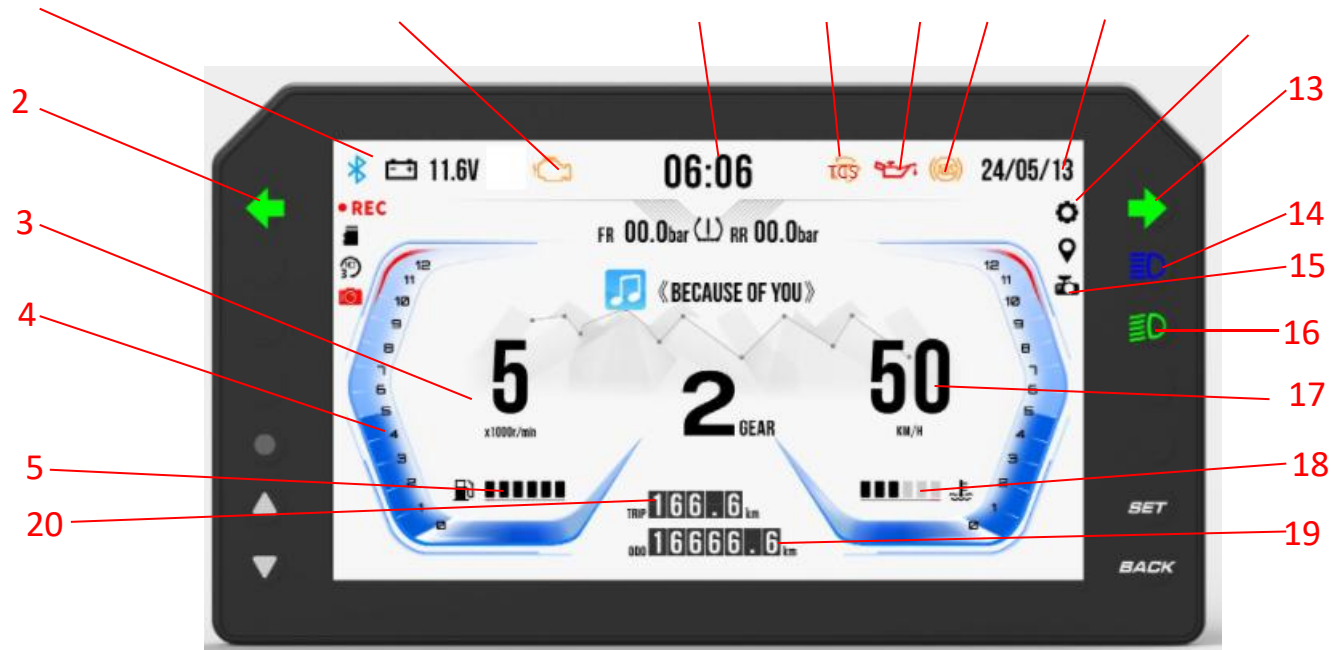


Frame (VIN) Number Diagram



四、Operating Instructions

Instrument And Combination Switch



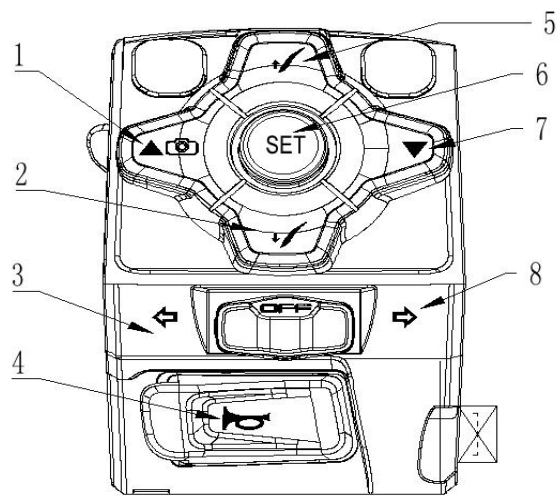
- 1、 Battery Voltage 2、 Left Turn Signal 3、 Engine Speed 4、 RPM Indicator 5、 Fuel Level 6、 Engine Malfunction 7、 Time
8、 TCS 9、 Oil Pressure 10、 ABS 11、 Date 12、 Instrument Settings 13、 Right Turn 14、 High Beam Indicator 15、 Camera 16、
Low Beam Indicator 17、 Vehicle Speed 18、 Coolant Temperature 19、 Total Odometer 20、 Trip Odometer

LCD Display Instructions

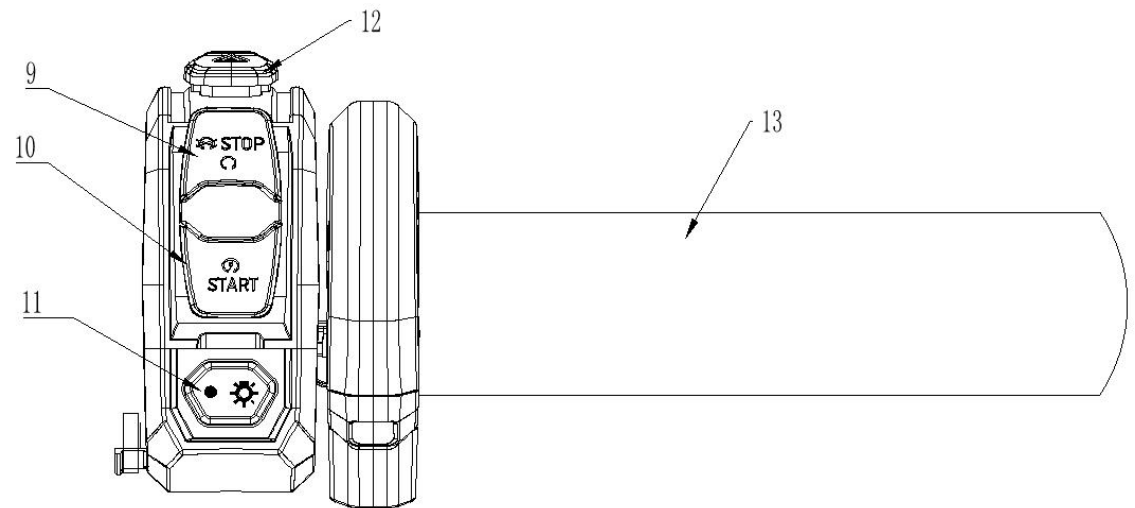
1. Left Turn Signal Indicator: When the turn signal button is pushed to the left, the left turn signal indicator flashes.
2. ABS: Displays the operating status; flashes when a fault occurs.
3. Engine Malfunction Indicator: This indicator lights up when the engine malfunctions.

4. High Beam Indicator: When the dimmer switch button is in the "☰" position, the high beam indicator lights up.
5. Right Turn Signal Indicator: When the turn signal button is pushed to the right, the right turn signal indicator flashes.
6. Tachometer: Displays the engine speed.
7. Speedometer: Displays the vehicle speed in km/h.
8. Fuel Gauge: Indicates the fuel level in the tank.
9. Odometer: Displays the total distance traveled by the vehicle.
10. Trip Meter: Displays the trip distance of the vehicle.

Left And Right Combination Switch



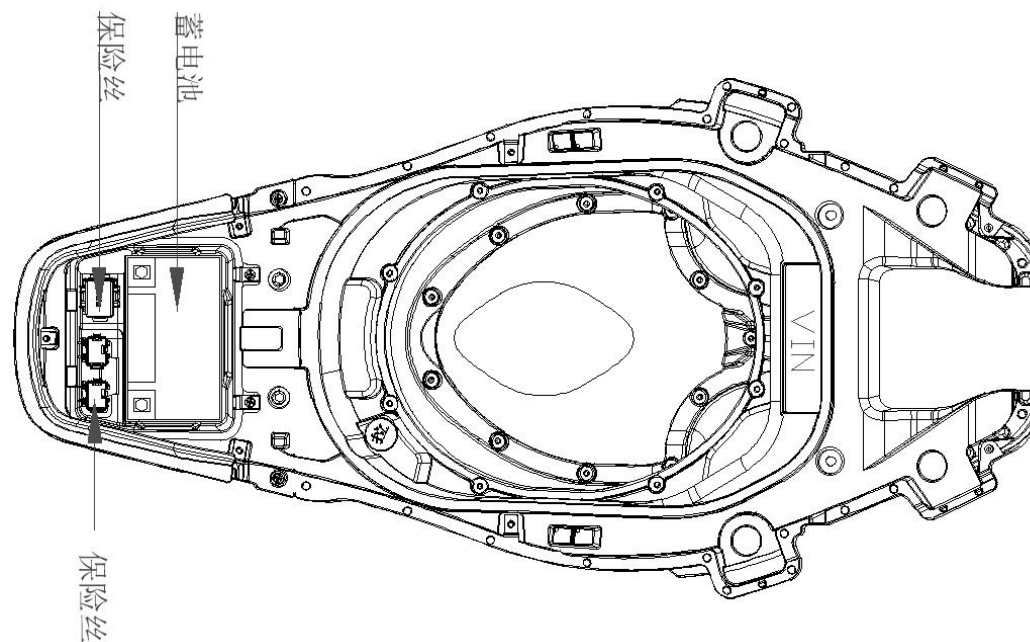
Left Switch



Right Switch

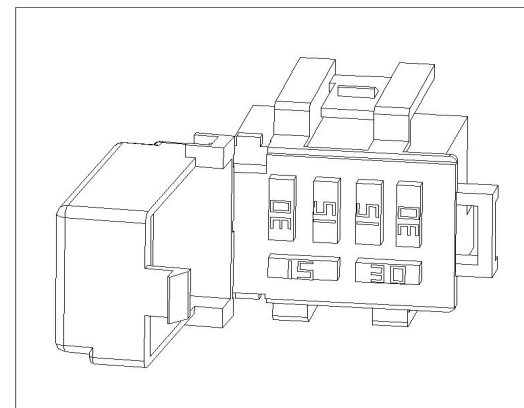
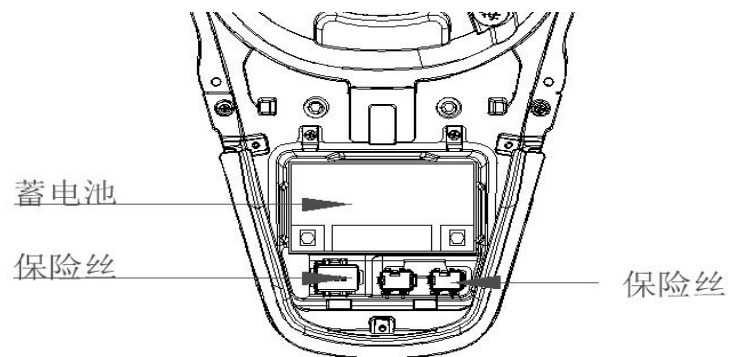
- 1、Upward 2、Glass Down 3、Turn Left 4、Horn 5、Glass Up 6、Settings 7、Downward 8、Turn Right
 9、Emergency Stop 10、Start Ignition Switch 11、Light Switch 12、Hazard Warning Flashers 13、Throttle Grip

Cushion Room



Battery/Fuse Compartment

- To open the battery compartment, first open the seat cushion.
- Open the battery cover, and you can see the fuse box and the battery.





Warning: Ensure that the cover of the battery compartment is in its preset position. If the battery electrodes are exposed and come into contact with liquid or conductive materials, a short circuit may occur. When replacing the fuse, use a fuse of the rating specified by XENON or of an equivalent specification. Never replace the fuse with one that does not meet the specifications required by XENON, as an inappropriate fuse may damage the wiring or the circuit.

Instructions for Using the Lock and Remote Control

Lock Switch

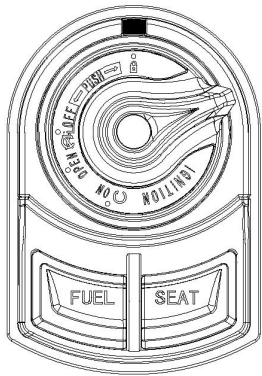


Fig. 1

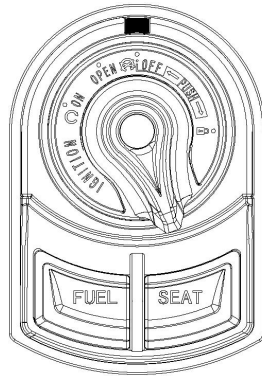


Fig. 2

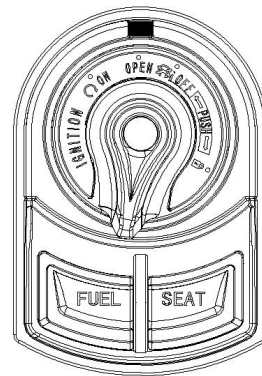


Fig. 3

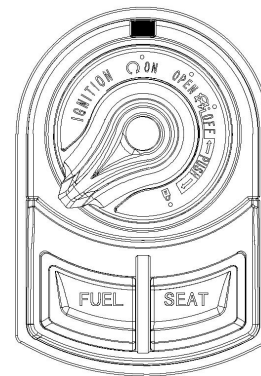


Fig. 4

- 1、 Lock vehicle / Lock handlebars (Fig. 1)
- 2、 Off state (Fig. 2)
- 3、 FUEL/SEAT (Fig. 3)
- 4、 On state (Fig. 4)

Fig 1: Turn off the motorcycle; the vehicle is now in the off state. Power off: Turn the key counterclockwise to the position parallel to the vehicle's longitudinal centerline to cut off the power. At this point, the key can be removed.

Fig 2: Open FUEL/SEAT. Seat lock: Press the lock button once, or insert the spare key from the remote control into the keyhole and turn it clockwise to this position (first gear position), then press the SEAT button to release the seat lock and open the seat. Press the FUEL button to release the fuel filler lock and open the fuel tank.

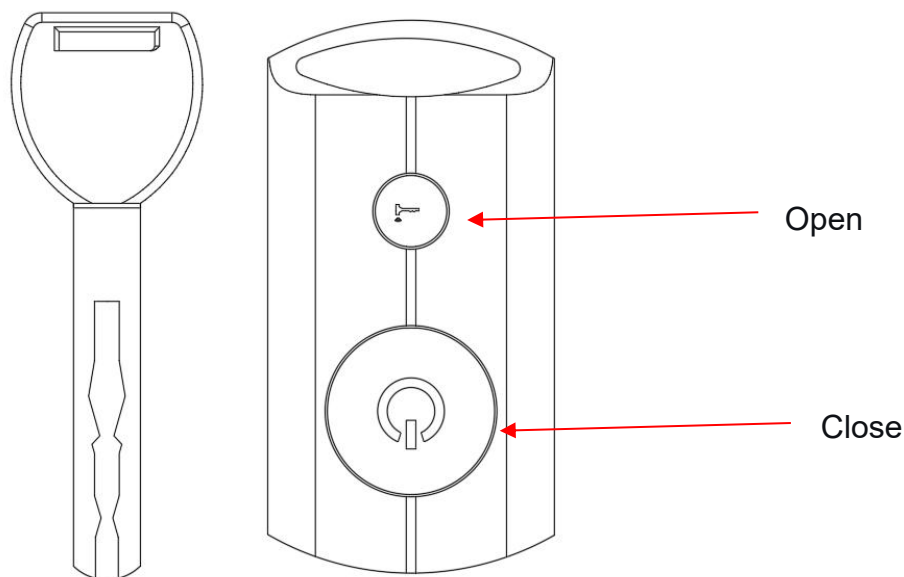
Fig 3: Start the motorcycle. Power on: Press the lock button once, or insert the spare key from the remote control into the keyhole and turn it clockwise to the position shown in the figure (second gear position) to turn on the power. At this point, the key cannot be removed.

Fig 4: When the vehicle is stopped, push the lock button inward and then turn it counterclockwise to the steering lock/ handlebar lock position.

Starting method 1: Insert the mechanical key into the power switch, turn it clockwise to the second gear to turn on the power, and turn it counterclockwise to the second gear to turn off the power.

Starting method 2: Carry the vehicle remote control with you. Without the need for a mechanical key, you can simply press it lightly and turn it clockwise to the second gear to turn on the power, and turn it counterclockwise to the second gear to turn off the power.

Remote Control Instructions



Close Button

Press this button, and the vehicle will be locked.

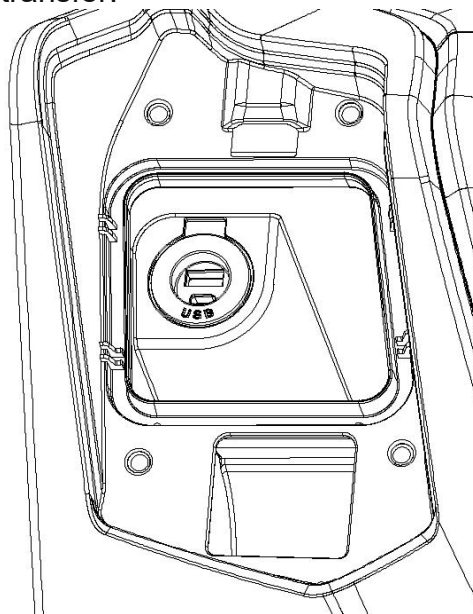
Start button

After pressing the start button, the light on the vehicle's ignition lock will illuminate, allowing you to perform the startup operation.

△Before using the remote control, please ensure that the batteries are correctly installed in the vehicle body, and that the straight-line distance between the remote control and the vehicle should be <50 m.

USB (Auxiliary DC Power) Socket

- The USB port is located inside the storage compartment on the left side.
- The power supply specification for this USB port is DC 5V/2A. Please do not connect devices that exceed this load specification to prevent the fuse from blowing.
- Do not insert data storage devices. This is not for data transfer.



Warning: Do not plug in any charging device while riding, as this may cause the motorcycle to lose control and result in an accident. If you need to ride while a device is charging, please ensure that the device is placed under the seat of your motorcycle and that a USB extension cable is used so that the device can be locked inside the luggage compartment. Use of the USB charging port is not recommended in wet weather.

ABS and Brake Usage

This motorcycle's ABS (Anti-lock Braking System) employs electronic control to prevent wheel lockup by individually regulating the front and rear brakes according to riding conditions.

The brakes are operated in the same manner as conventional brakes. When the ABS is activated in response to detected needs, a continuous pulsing sensation will be felt at the brake lever.

If this occurs, continue to apply the brakes and allow the ABS to function; do not release and reapply the brakes in an attempt to decelerate, as this may reduce braking effectiveness.

ABS does not shorten braking distances; on rough or downhill road surfaces, stopping distances may be longer than those without ABS.

 **Warning:** Using tires that do not meet the original equipment specifications may impair the proper functioning of the ABS system, potentially leading to an accident.

- Avoid overusing the brakes; when braking, apply both the front and rear brakes simultaneously.
- Use engine braking to assist with braking and deceleration on long downhill slopes. Do not rely solely on the front and rear brakes to slow down when descending, as this may cause the brakes to overheat and fail.
- While riding, avoid applying pressure to the brake levers unnecessarily, as this may cause the brakes to overheat and reduce braking efficiency.
- Regularly check the brake fluid reservoir to ensure that the brake fluid level is above the "Min" mark.
- Use only DOT 4 brake fluid for refilling or replacing brake fluid. Do not mix with other grades of brake fluid or use non-DOT 4 brake fluid!
- Do not damage the wheel speed sensors or rotors, as this may impair ABS performance or cause it to fail.
- For routine maintenance, have your brakes inspected by an authorized XENON dealer to ensure that the brake pads have sufficient resistance for effective braking. If you hear a "metallic" noise when braking, have your motorcycle inspected immediately.

五、Safe Driving and Precautions

Precautions Before Riding

- This manual describes the proper use and maintenance methods for riding this motorcycle safely and trouble-free. Please read this manual carefully.
- Congratulations on owning the XENON motorcycle. To enjoy a pleasant and trouble-free experience with your XENON motorcycle, please read this manual carefully and follow the tips related to regular maintenance of the motorcycle.
- Before the motorcycle is delivered to you, your XENON dealer will perform a pre-delivery inspection and establish a file for this motorcycle.
- For your safety, we recommend that you pay attention to the tire pressure, adjustment of the two front wheels, suspension system, headlight, taillight, controls, and any possible leaks during the initial 300 km, and perform a thorough check before riding.
- If you encounter any abnormal conditions during the first 300 km, please take your motorcycle to your dealer immediately for a complete inspection.
- After using the XENON motorcycle, the first inspection is required upon reaching the initial 1,000 km. Please have your dealer or an XENON authorized service station service your motorcycle to maintain the warranty. During the warranty period, any unauthorized servicing will void your motorcycle's warranty.
- Do not modify your XENON motorcycle or add any extra parts not approved by XENON.
- Do not use any solvents or alcohol-based liquids to clean the windshield or any transparent surfaces.

Riding Safety

Perform a safety check on your motorcycle and ensure that all parts are functioning properly.

Reminders:

- When riding a motorcycle, always wear a certified safety helmet and fasten it properly.
- When riding a motorcycle, always keep both hands on the handlebars, and never ride with only one hand while the motorcycle is in motion.
- Wear appropriate riding shoes.
- Observe speed limits and traffic signs.
- Perform regular maintenance and inspections according to the schedule.



Warning: When carrying a passenger, to avoid being burned by the exhaust pipe, ensure that the passenger places his/her feet on the footpegs when getting on and off the motorcycle.

- After starting the engine, the exhaust pipe and engine compartment will become very hot. Use extreme caution when performing inspections or maintenance

 **Note:** Modifying your motorcycle will affect the structural integrity and performance, leading to a shortened service life. Any modifications to the exhaust system may affect exhaust emissions and result in non-compliance with your local regulations. Any alteration to your motorcycle will void the warranty.

Suggestion

The first **1,000 km** on a motorcycle is the break-in period for the engine and components. To extend the service life of your motorcycle, avoid rapid acceleration and sudden stops. Do not over-rev the engine, and keep the motorcycle at or below 60 km/h whenever possible.

 **Note:**

- The handling characteristics of a motorcycle differ under load versus without load. Overloading the motorcycle may lead to instability and safety issues for the rider.

When refueling your motorcycle, use only **unleaded gasoline (equivalent to model $\geq$ RQ90 (GB17930))**.

 **Note:**

When adding oil to the tank, stay away from flames and do not use electronic devices. Avoid placing flammable materials or materials impregnated with corrosive agents in the storage compartment under the seat.

Use Genuine Parts.

To maintain optimal performance of the motorcycle, XENON inspects every component and implements strict quality control measures to ensure that it meets design specifications.

Genuine XENON motorcycle parts are manufactured using the same high-quality materials as the motorcycle itself. Before all parts are distributed to XENON authorized dealers and service stations, they must comply with the same quality management standards.

The use of non-genuine XENON motorcycle parts and substitutes may result in a loss of motorcycle performance or cause damage to the engine and other components.

Ensure that genuine XENON motorcycle parts are used to keep your motorcycle in optimal operating condition, so as to ensure its long service life.



Warning: Using non-genuine parts for your vehicle may affect the duration of the "Three Guarantees" (statutory warranty) policy and render it void.

Inspection and Maintenance

Initial Operation

During the 0~1,000 km period, avoid riding at more than 80% of the maximum permitted speed. Also avoid opening the throttle too wide and maintaining a constant speed over long distances while the throttle is open wide. After 1,000 km, gradually increase the speed to maximum performance, and be careful not to exceed the maximum speed limit of the road you are traveling on.

Preliminary Inspection

Regularly checking your vehicle will enhance the safety of both you and others. After an inspection, avoid riding unless you are certain that your vehicle is in perfect working condition, so as to ensure riding safety.

Throttle valve: Ensure that the throttle operation is smooth at all handle positions. If necessary, lubricate and adjust the throttle control.

Gasoline and lubricants: Check the oil levels of the gasoline, engine oil, transmission oil, and brake fluid. If necessary, top them up to the permissible range. Inspect the ground beneath the motorcycle for any oil leaks. If any leakage is found, take the motorcycle to an XENON authorized dealer or service station.

Side and main landing gear : Check that the spring for the motorcycle stand is in the "locked" (horizontal) position.

Brake : Inspect the wear of the brake pads, the operation of the brake lever, and the fluid level in the brake fluid reservoir.

Light : Replace any defective bulbs. Check that the headlights, taillights, and turn signals illuminate and extinguish properly, and that the switches operate normally.

Windshield : Inspect the windshield to ensure optimal visibility and light transmittance.



Note: Use only a soft cotton cloth and a mild detergent to clean the windshield and any transparent surfaces. Do not use products

Wheels and tires : Check the tire pressure and tread wear.

Steering handle : Ensure that the steering handle can turn smoothly throughout the entire range (from left to right).

Fasteners : Check the locking components on all major parts, especially the nuts and bolts on the wheels and suspension system.

Oil Check

- Place the motorcycle on a flat surface.

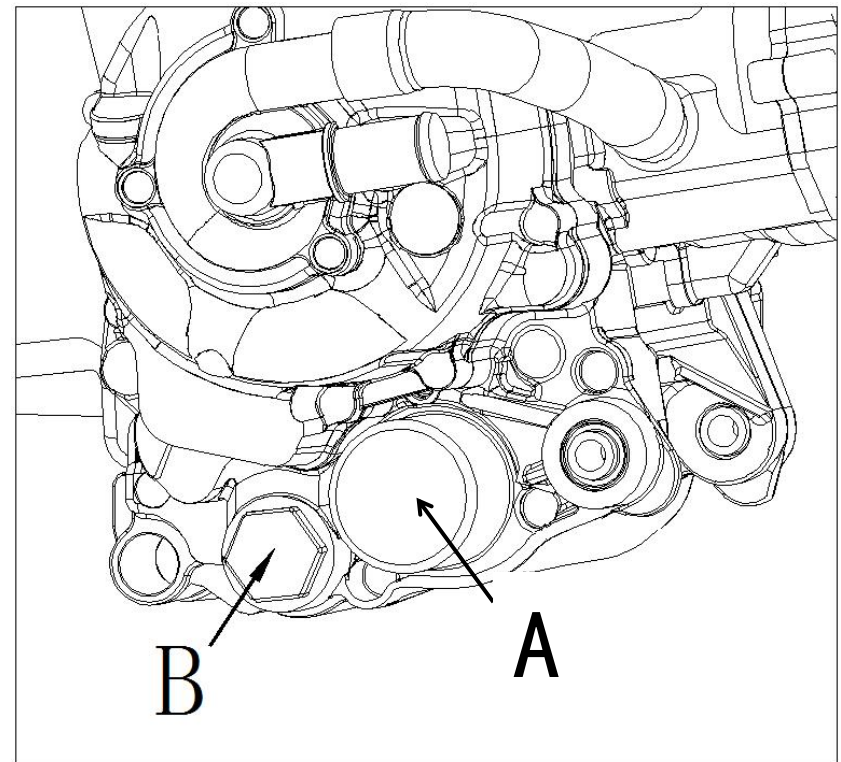
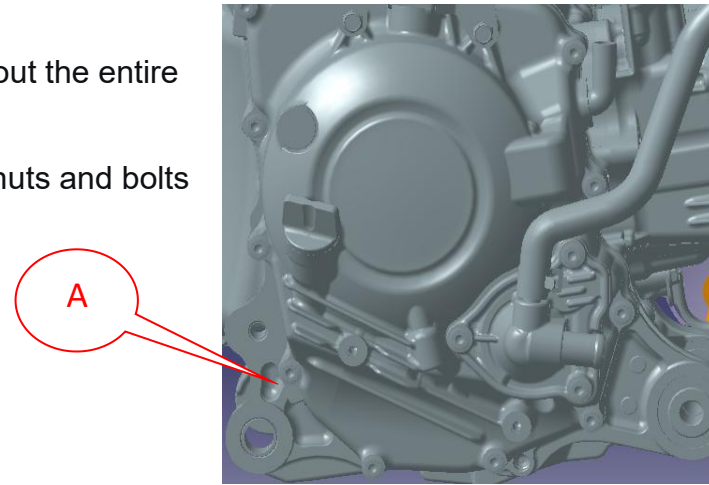
Note: Ensure the motorcycle is parallel to the ground in order to check the oil level correctly.

- Start the engine and let it warm up for a few minutes.
- Shutdown.
- Remove the oil dipstick (A). Wipe it clean with a cloth, then insert it into the oil filter hole without screwing it in, and withdraw it immediately.
- **Inspection:**
- Engine oil level.
- The engine oil level should be between the maximum and minimum marks.
- Oil level below minimum mark => Add oil to correct level.

Recommended Engine Oil:

- The SJ 5W/40 model is equivalent to the same grade of oil.
- Start the engine and let it warm up for a few minutes.
- Shutdown.
- Wait a few minutes for the oil to penetrate before rechecking the oil level.

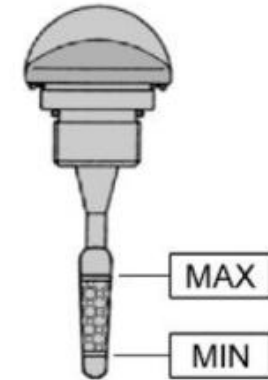
You may contact your XENON dealer for the best advice. Please note that the use of non-specified oil during the warranty period will void the warranty.



Engine Oil Change

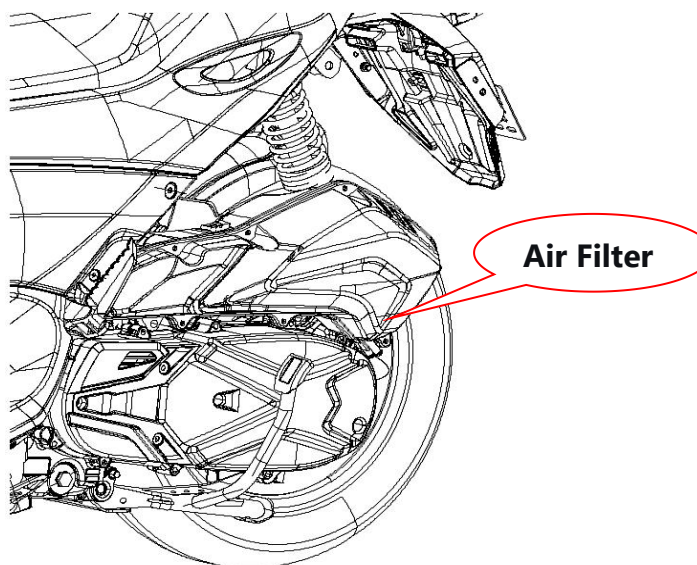
- Start the engine and allow it to warm up for a few minutes.
- Shut down the engine and place a container underneath it.
- **Remove:**
- Oil dipstick.
- Oil Filter (A).
- Drain plug (B).
- Oil filter.
- Drain the oil from the crankcase.
- **Installation:**
- Oil filter.
- Drain plug (B).
- Oil dipstick.
- **Pre-filter cap:**
- 2.4~3.0Kg·m (24~30N·m)
- **Add Oil:**
- Add oil to the crankcase.
- **Fuel level:**
- 1300ml
- Oil grade: SJ 5W/40 or equivalent.
- **Check:**
- Engine oil level.

See "Checking the Engine Oil Level"



Note:

Use only the specified motor oil. Operating the engine with insufficient oil pressure may cause serious damage to the engine and its components. The engine and related parts can become extremely hot. Use extreme caution when inspecting or removing the dipstick and drain plug. Allow the engine and its components to cool down sufficiently before performing these procedures to avoid injury. Always wear protective gloves and safety goggles during operation. Never start the engine without the dipstick reinstalled. If you are unsure how to change the oil, do not attempt this procedure. Take the motorcycle to the nearest XENON dealer or authorized service station.

Air Filter

Unless you have the proper tools, technical data, or replacement technology for changing the air filter, please take your vehicle to an authorized XENON dealer or service station for regular air filter maintenance.

After removing the screws from the air filter, separate it and take out the filter element for inspection or replacement. When riding in dusty or humid conditions, the air filter requires more frequent maintenance and care.

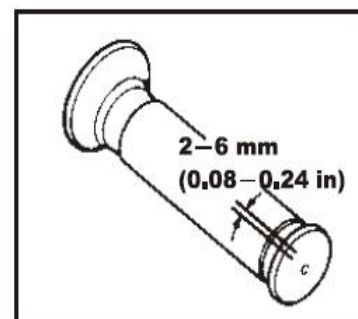
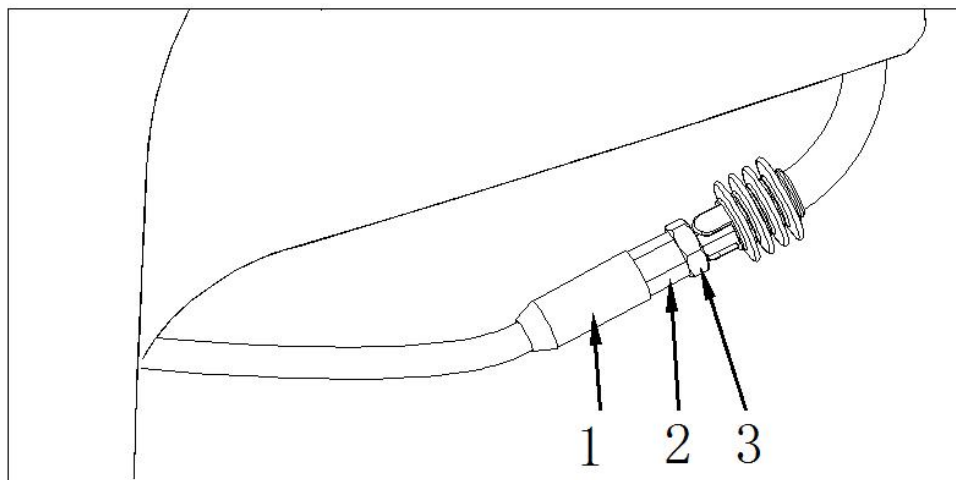


Note: Only genuine XENON motorcycle parts should be used when replacing the air filter. Non-genuine parts or improper air filters may cause engine wear and performance failure.

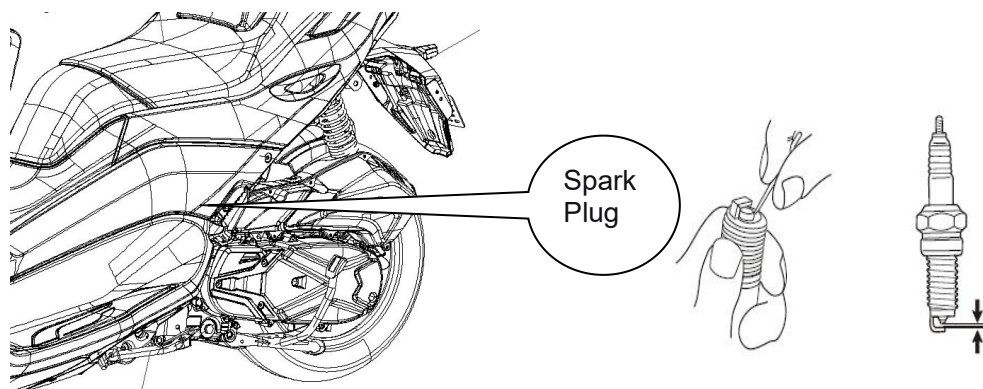
- Before riding each day, check the "free play" of the throttle grip and verify that it moves smoothly from fully open to fully closed, as well as when the handlebar is at full left and full right positions.
- If adjustment is needed, use the lower part of the throttle grip to make the necessary adjustments as shown in the right figure.
- Slide the sleeve (1) to the left to expose the adjusting nuts (2 and 3).
- After adjustment is completed, use (3) to "lock" the nut.

Throttle Grip Free Play Adjustment

- Before riding each day, check the throttle grip for "free play" and verify that it returns smoothly from fully open to fully closed, as well as checking the grip at both full-left and full-right positions.



Spark Plug



The spark plug is located beneath the passenger footboard, inside the left side cover.

Use a small soft brush or a spark plug cleaner to remove carbon deposits from the spark plug. After cleaning (or replacing), readjust the spark plug gap to the specified limit using a spark plug gap thickness gauge. The spark plug should be replaced periodically.

When removing carbon deposits, observe the ceramic tip to determine whether the spark plug is suitable for your engine and riding style. Under normal operating conditions, the ceramic tip should be light brown or tan.

If the ceramic tip is white or glassy, the spark plug is operating under excessive heat and your engine requires a "colder" spark plug. When selecting a different heat range, contact your XENON dealer for advice.

Recommended spark plug: Equivalent to spark plug model LMAR8L-9 (NGK).

Battery and Fuse

 **Note:** Only use spark plugs with the specific operating temperature range prescribed for your engine. Improper spark plugs may cause serious engine damage and void the three-guarantee (warranty) policy.

Battery

The battery (**12V DC**) is located at the front lower part of the seat compartment. Your XENON motorcycle uses a maintenance-free battery that does not require filling with battery fluid.

For maintenance, check the battery terminals (A) for any signs of corrosion. If corrosion is present, use a soft brush and a clean cloth to remove the contaminants, and gently apply dielectric grease.

If you plan to replace the battery, ensure that the wiring polarity is correct when installing the new battery. The **red** cable indicates the **positive (+)** terminal, and the **black** cable indicates the **negative (-)** terminal or ground.

The fuse is located at the front side of the battery. If necessary, check for signs of corrosion and replace it. When replacing the fuse, be sure to use a fuse of the same specification. Using an incorrect specification may cause malfunctions or even fire in the battery and wiring.



Warning: Do not open or puncture the battery casing! The contents inside the battery are highly corrosive and toxic, and may cause serious injury or even death to the skin and lungs. When disposing of used batteries, exercise extreme caution—do not place them near fire or throw them into fire.

Recommended Battery: 12V/12Ah or 12V/10Ah

Engine Maintenance

When starting the engine, gently operate the throttle. Allow it to run for 30 to 60 seconds before gradually opening it further. After a cold start, do not accelerate immediately; let the engine run for 1 to 3 minutes before accelerating.

- For electric starting, each starting attempt should not exceed 5 seconds, with an interval of 10 seconds between attempts. If the engine fails to start after 5 consecutive attempts, check for faults. Once the engine is running, do not press the start button again.

- After the engine starts normally, let it idle for 3 to 5 seconds to allow the lubrication system to begin working before riding. Also, be careful not to operate the engine at high speeds or under heavy load before it has warmed up.

- After a new engine is installed on the motorcycle, during the first 1,000 km of riding, do not operate it at high speeds for extended periods, nor allow the engine speed to exceed 80% of its maximum. Do not operate with the throttle fully open. After 500 km of riding, perform a maintenance service to compensate for minor wear during the break-in period, so as to ensure the engine's good performance.

. Inspect and clean the air filter every 10,000 km. The main tasks are to check the sealing condition of all air filter joint surfaces and to remove sand and dust from the air filter housing and the filter element. During reassembly, pay attention to the sealing of all joint surfaces; replace or repair any components that have lost their sealing function. This ensures effective air filtration, extends the service life of the engine piston and cylinder, and effectively prevents oil burning or insufficient power.

Tire

Note: The tire pressure and tread condition must be checked regularly. For your riding safety and to extend tire life, please check tire pressure and tread frequently.

Tire Pressure

Low tire pressure not only accelerates tire wear but also affects your motorcycle's stability. Insufficient tire pressure can make cornering difficult, while excessive tire pressure reduces the tire's contact with the ground and may lead to skidding and loss of control. Please always ensure your tire pressure is within the required range.

Note: Adjust tire pressure only when the tires are cold.

Warning:

If the following precautions are not observed, tire failure may occur. Tires are the primary link between your motorcycle and the road. The condition of your motorcycle's tires is an important factor in the safety of you and your passenger.

Please observe the following precautions:

- Read this chapter carefully.
- Before each ride, use a pressure gauge to check the tire pressure, adjust it to the appropriate value, and inspect the condition of the tires.
- Do not overload your motorcycle.
- Replace the tires with new ones when the wear exceeds the limit or when there is damage such as cracks, cuts, or other defects.
- Replace the tires with the types specified in this owner's manual.
- After installing the tires, have them balanced.

However, improper use of tires may cause tire slippage and loss of control.

Special caution is required when using new tires, as their grip is limited during the initial period of use. Therefore, avoid hard acceleration and braking for the first 160 km.



Warning

If the following precautions are not observed, tire failure may occur. Tires are the primary connection between your motorcycle and the road. The condition of your motorcycle's tires is an important factor in the safety of you and your passenger.

Front tire: 120/70-14

Recommended tire pressure: Front 225 KPA to 250 KPA

Rear tire: 140/70-14

Rear tire pressure: 250 KPA–270 KPA, not recommended to exceed 270 KPA

Within the above tire pressure range, it is recommended to keep the pressure slightly lower in summer, and it may be appropriately increased in winter.

Note: Ensure that both front tires have the correct tire pressure to keep your motorcycle stable and easy to control. Before checking your tires or inflating them, make sure the engine is turned off and the key has been removed!

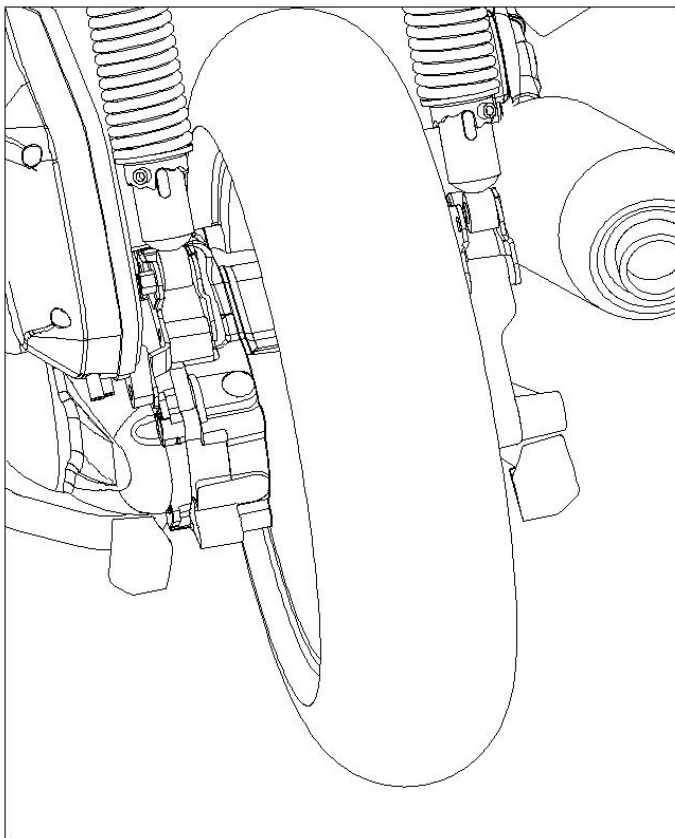
Manipulate

Your XENON motorcycle is equipped with a sophisticated and unconventional steering and suspension system. It is recommended that you frequently inspect your front tires for any signs of uneven wear on each tire. Before riding, move your handlebars **left and right** to feel for any looseness. If you notice uneven wear between the two front tires, or if you encounter the motorcycle pulling to one side while riding, have the wheel alignment of your motorcycle inspected by an authorized XENON dealer or service station. Do not attempt to adjust the alignment yourself.



Warning: Never attempt to reposition the front wheel yourself. This procedure requires special tools and technical expertise. Improper positioning and tightening of the steering system may cause malfunctions or accidents and is extremely dangerous. Only XENON-authorized dealers or service stations are qualified to perform this operation.

Suspension System Adjustment



Your XENON motorcycle is equipped with two adjustable rear shock absorbers. The suspension system is primarily set up to provide adequate damping for single-rider (approx. 80 kg) operation, and this adjustment was completed before your vehicle left the factory.

If you require a firmer suspension system, please use the suspension adjustment tool provided by XENON to make the necessary adjustments. Do not tighten the springs too much, as this may affect riding stability and comfort.

The rear suspension system features a one-step spring preload adjustment. Ensure that the left and right rear suspensions are set to the same position. If you are unfamiliar with the adjustment procedure, please seek assistance from your XENON dealer.



Note: Do not adjust the spring too tightly, as this may affect riding comfort and stability. Damping will be significantly reduced, and the motorcycle's handling will be affected.

When carrying a passenger, adjust the rear shock absorber to a higher setting. Allowing the suspension system to bottom out may damage the shock absorber and related components.

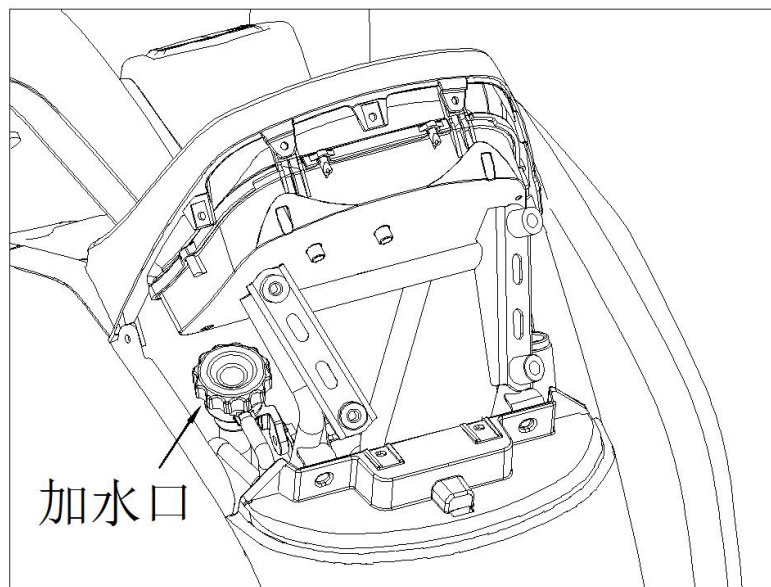
Direction Lights、Front and Rear Lights、Brake Lights and Horn

Before riding, turn the ignition switch to the "ON"  position and check the following safety items:

- Check the left and right turn signal switches to ensure that the front and rear turn signals operate properly.
- Check the headlight (both high beam and low beam must be checked) to ensure that the headlight operates properly.
- Press the front and rear brake levers to check the brake lights, ensuring that the brake lights operate properly.
- Check the lamp covers for cracks and clean off any dirt that may affect visibility.
- Press the horn button to ensure that the horn works properly.

 Note: Before turning or changing lanes, use your turn signals to warn other road users. When slowing down, gently press your brake lever to activate your brake lights and alert other road users. Always follow traffic safety regulations while riding.

Cooling Water



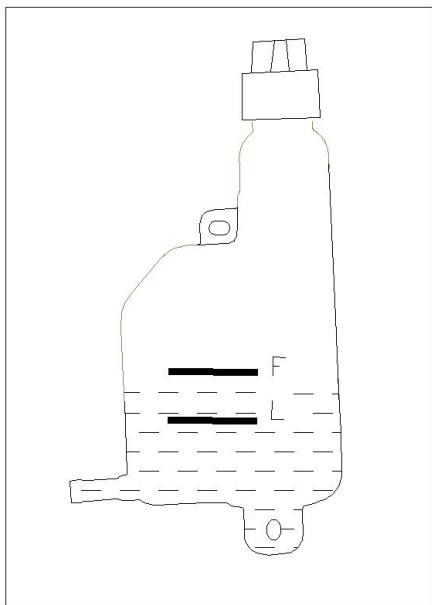
·The coolant tank is located on the left side at the front of your vehicle. The coolant filler neck is located at the front windshield area. To add coolant, you need to remove the windshield and the plastic parts behind it.

- Place your vehicle on level ground and put the main stand up.
- Bend down at the front of the vehicle, and you will see the coolant tank on the left side.
- Check the coolant level using the "L" (Low) and "F" (Full) marks on the tank.
- Before opening the cap, turn off the engine and make sure the coolant in the tank has cooled down to avoid being scalded by hot coolant.
- When adding coolant, do not exceed the "F" (Full) line; otherwise, coolant may overflow when the engine is running.
- Use only a high-quality ethylene glycol antifreeze containing corrosion inhibitors, specifically formulated for aluminum engines. The cooling system requires a 50:50 ratio of antifreeze to distilled water.

Warning

Removing the radiator cap or any cooling system hose while the coolant in the radiator is still hot may cause coolant to spray out and result in severe burns. Therefore, before adding coolant, allow the engine and coolant to cool down first.

Antifreeze



Note:

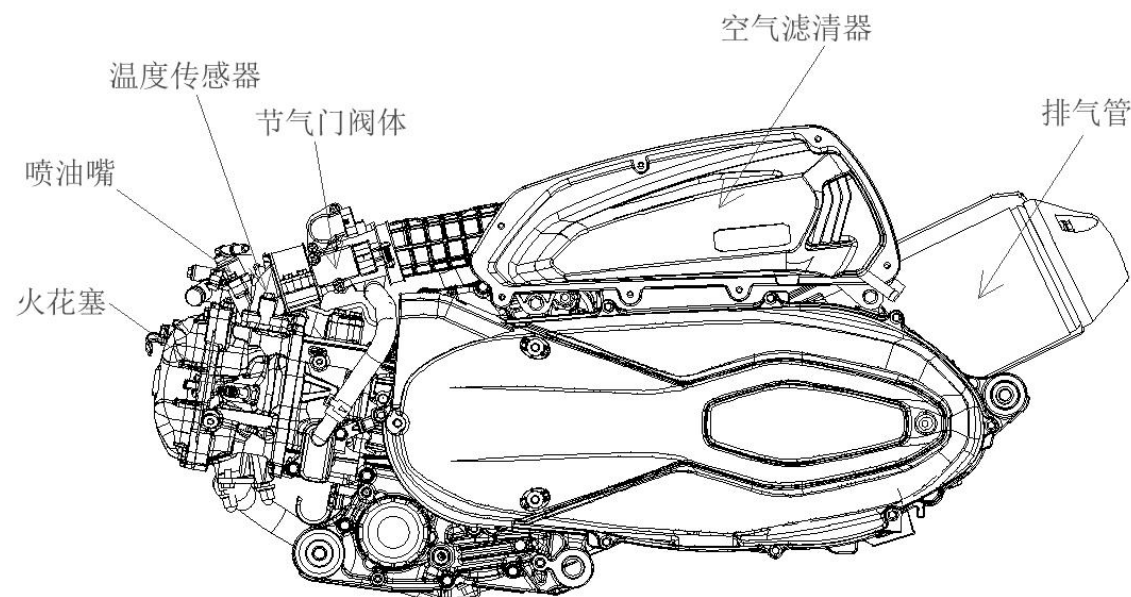
Antifreeze solution must be prepared only with potable water low in minerals or with distilled water. Water high in minerals or salts is harmful to aluminum engines and seals. Using coolant with silicate inhibitors may cause wear on the water pump and seals, or blockage in the radiator coolant circuit.

If you use the motorcycle in temperatures where freezing may occur, please visit an authorized XENON dealer to have a higher-concentration antifreeze solution added to improve the engine's freeze protection. The ratio of antifreeze to distilled water must not exceed 60%.

In warmer climates, adjust the antifreeze ratio back to the standard level. A concentration below 40:60 (40% antifreeze) will not provide adequate corrosion protection.

Exhaust Emission Control System

●Exhaust Emission Control System Maintenance:



Work Method:

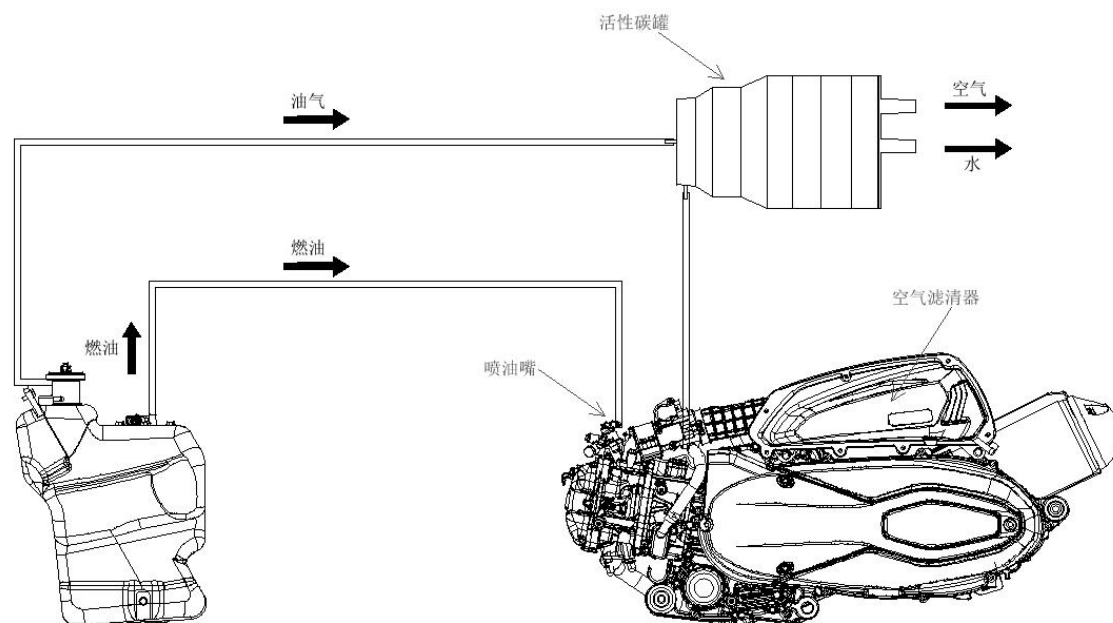
1. Air cleaner cleaning – please refer to the relevant method for operation.
2. Engine oil – To ensure more complete engine combustion and reduce pollutant emissions that affect air quality, please replace the engine oil when the service indicator light comes on.
3. Gasoline – To prevent the ignition system performance from affecting combustion efficiency, be sure to use unleaded gasoline. The use of leaded gasoline is strictly prohibited. (Using leaded gasoline will cause the catalytic converter in the exhaust pipe to age and fail.)
4. Idle exhaust gas concentration test – For matters related to exhaust gas concentration testing, please go to a professional testing station for adjustment and repair work.



Warning: The surface temperature of the exhaust pipe is high. The motorcycle must be parked where pedestrians and children cannot touch it.

Evaporative Emission Control System (E.E.C)

E.E.C is an evaporative emission control device designed to collect evaporated fuel vapors from the throttle valve and fuel tank, in order to prevent these vapors from being released into the atmosphere and causing ambient air pollution. (See figure below)



Regular Inspection Method:

1. Check whether the pipe joints of the E.E.C system are tightened or cracked. If they are not tightened or are cracked, they should be tightened or replaced with new parts.
2. Activated carbon canister – Blow air into it by mouth to test its ventilation. If ventilation is poor or blocked, it should be replaced with a new one.
3. Liquid-vapor separator – Remove the pipe leading to the activated carbon canister and blow compressed air through it. If the air flows smoothly, it is in good condition; if not, it is defective and should be replaced with a new one.
4. Please perform maintenance according to the items listed in the maintenance schedule for the exhaust emission control system.

Irregular Inspection:

In the event of an accident involving the vehicle, check whether any piping components in the E.E.C. system are cracked or loose, and perform maintenance in accordance with the maintenance schedule table for the exhaust emission control system.

Recommended Actions:

- 1.The pollution emission values of this vehicle model have already met the regulatory standards of environmental protection regulations. Please do not arbitrarily adjust any adjustable parameters.
- 2.Do not remove or modify the vacuum lines of the evaporative emission control system.
- 3.To reduce emission pollution, do not repeatedly rev the throttle while the vehicle is idling in neutral gear.
- 4.In addition to regular maintenance, if any obvious abnormalities are found (such as poor starting, black exhaust smoke, etc.), promptly take the vehicle to a XENON-authorized dealer or authorized service station for inspection.
- 5.Use only unleaded gasoline to ensure the proper functioning of emission control components.

Vehicle Paint Maintenance Precautions:

- 1.To preserve the effect of the paint finish, avoid using general-purpose detergents, abrasives, polishes, or wax products.
- 2.The paint must never be waxed. If waxing products are used, the vehicle's paint surface will become uneven and produce a glossy effect, losing the original design intent of the paint.
- 3.Do not use automatic car wash machines, and avoid washing the vehicle too frequently over a short period, as this may result in uneven gloss on the body. Also, do not wash the vehicle under direct sunlight.
- 4.Any insect or bird droppings left on the paint surface must be removed as soon as possible. It is recommended to soak the residues with clean water to soften them, and then use high-pressure cleaning equipment to clean the paint surface. If the residues are highly adhesive, use a specialized insect cleaner spray to remove the stains before washing.

Legal Notice

Due to ongoing product function improvements, design changes, and other reasons, this manual may not fully correspond to the product you have purchased. Please refer to the actual product for accurate information.

Specification Sheet

Product Model/ Model Code	FINO 400X/JDF400T
Engine Type	1P80MP Horizontal、 single-cylinder、 four-stroke、 water-cooled、 4-valve
Displacement	369ml
Compression Ratio	10.1 : 1

Ignition Method	Inductive energy storage
Starting Method	Electric
Maximum Torque	36.2 N.m/5250rpm
Maximum Power	23.6kw/7200rpm
Transmission	CVT
Brake	ABS
Suspension	Hydraulic Damping
Instrument	LED LCD screen
Fuel Tank Capacity	16 L
Front and Rear Tire	Front:120/70-14 Rear: 140/70-14
Curb Weight	189 kg
Maximum Load Capacity	160 kg
Ground Clearance	155mm
Seat ground Clearance	780 mm
Wheelbase	1490mm
Vehicle Dimensions	2095 * 800 * 1460mm
Optional Configurations	Side Case、 Top Case、 Long Windshield
Color	Red、 Black、 Blue、 Gray、 White

Maintenance Inspection

Engine Fails to Start

- Confirm that the vehicle key is inserted and turned to the "ON"  position?
- Check whether the battery is dead. After turning to "ON," the speedometer needle should perform a self-test sweep and return to zero.
- Check whether there is gasoline in the fuel tank.
- Inspect the spark plug, clean it, and check the spark plug gap.
- Inspect the air filter and clean or replace it as needed.

Engine Stalls

- Check the spark plug, clean it, and inspect the spark plug gap.
- Check the fuel supply.
- Have the ignition and timing checked by an **XENON** authorized dealer or service station.

Engine Loses Power and Knocks

- Check the rear section of the muffler. It may be clogged. If the clogging cannot be improved, the muffler must be replaced.
- Have the ignition and timing checked by an **XENON** authorized dealer or service station.

Engine Emits Smoke

- Blue smoke: Engine abnormality. Contact an XENON authorized service station to have the engine checked.
- Black smoke: Abnormal fuel supply/exhaust system. Contact an XENON authorized service station to have the injection system checked.

Poor Braking

- Check if the brake fluid level is sufficient. If brake fluid needs to be added, take the vehicle to an **XENON** authorized service station immediately for refilling and inspection.

- Check the wear condition of the brake pads. If the brake pad thickness is insufficient, take the vehicle to an **XENON** authorized service station as soon as possible for brake pad replacement and inspection.

After-Sales Service and Warranty

XENON has established these regulations to promptly address quality issues occurring in the Chinese market, reduce customer complaints, and enhance user satisfaction.

一、Warranty Guarantee:

1、Basis for Warranty Guarantee:

The warranty guarantee is implemented in accordance with the national "Detailed Rules for the Implementation of Repair, Replacement, and Return Liability for Motorcycle Goods" issued by the state.

2、Warranty Period:

The "Three Guarantees" (repair, replacement, and return) validity period for motorcycles sold by XENON is one year or 10,000 kilometers (specifically referring to non-consumable parts). The warranty validity period is calculated from the date of vehicle purchase, based on the valid purchase invoice (if the invoice cannot be presented, the purchase date recorded on the returned "Three Guarantees" certificate shall prevail), excluding delays caused by repair occupancy, unavailability of spare parts, and force majeure. If the last day of the warranty validity period falls on a statutory holiday, the next day following the holiday shall be regarded as the last day of the period.

Warranty Regulations and Scope of Service

1. Consumables and damage caused by external forces are not covered under the "Three Guarantees" (return, replacement, or repair) policy.

- (1) For consumable parts and supplies, the Company does not provide "Three Guarantees" services, except for items specifically stipulated otherwise.
- (2) Consumable parts and supplies include, but are not limited to: engine oil, gear oil, brake fluid, coolant, air filter elements, oil filter elements, fuel filter elements, fuses, light bulbs and electrical components, brake pads, clutch friction plates, springs, rubber parts (excluding oil rings, oil seals, and gaskets), drive belts, cables (brake cables, throttle cables, speedometer cables, clutch cables, etc.), and the like.

(3) The warranty period for the windshield is one year, and the warranty period for the battery is one year.

(4) Cracks in the windshield occurring under natural conditions are covered by the "Three Guarantees"; scratches or cracks caused by foreign objects or external forces are not covered.

2、The following parts have a warranty period of 3 months, except for those caused by non-quality-related issues:

Spark plugs, brake shoes, brake pads, drive chains (drive belts), drive rollers, air filter assemblies, tires, etc.

3、The Company shall no longer assume corresponding "Three Guarantees" obligations under the following circumstances:

(1) Exceeding either the warranty period or mileage limit (based on the valid purchase invoice of the vehicle);

(2) Absence of the "Three Guarantees" certificate or valid invoice, and failure to prove that the purchased product is within the warranty period;

(3) Alteration of the invoice and/or "Three Guarantees" certificate, or inconsistency between the product brand, model, and vehicle V.I.N. (frame number) shown on the invoice and/or certificate and those of the vehicle claimed for warranty service.

4、Damage or malfunction to vehicle parts caused by the following reasons shall not be covered by the Company's "Three Guarantees" services or any compensation, even if within the warranty period:

(1) Damage resulting from failure to perform regular maintenance in accordance with the maintenance schedule recommended by the Company.

(2) Damage or malfunction resulting from maintenance performed at locations other than those authorized or designated by the Company, including damage caused by disassembly, adjustment, or repair carried out by unauthorized repair units or individuals.

(3) Failure to promptly address issues that could have been immediately dealt with upon discovery of a fault or defect, resulting in the escalation of such fault or damage.

(4) Damage caused by the use of parts, gasoline, lubricants, or other oils, greases, or fluids not recommended by the Company as original equipment.

(5) Damage resulting from unauthorized modification of the vehicle, disassembly of original parts, or installation of additional parts not approved by the Company at locations not authorized or recognized by the Company, including modifications not recognized by law or the Company (e.g., altering engine performance, changing vehicle height, modifying lighting components, changing tires, installing anti-theft devices, and other modifications).

- (6) Damage resulting from using the vehicle for racing purposes, or frequent operation on roads not intended for general motorcycle use, or using the vehicle for business rental or operation by multiple riders, or using the vehicle in ways inconsistent with the instructions in the user manual, or excessive use (e.g., overloading, speeding, excessive engine RPM, or other forms of misuse).
- (7) Fading of body paint or plated parts due to natural factors, including wear from use and deterioration over time (e.g., natural fading or degradation of painted, plated, or resin parts).
- (8) Subjective perception of defects, abnormal sensations, abnormal noises, or other issues that do not affect vehicle performance and safety, and that are not caused by inherent defects in the vehicle's quality.
- (9) Damage caused by force majeure events such as natural disasters, theft, fire, traffic accidents, riots, wars, etc., including damage or corrosion caused by natural environmental factors, as well as damage caused by human negligence, traffic accidents, or impact from foreign objects during vehicle use, and subjective sensory phenomena (sound, vibration, oil seepage, etc.) deemed to have no functional impact.
- (10) Cases where the odometer reading has been altered, making it impossible to determine the actual mileage traveled.

5、Costs not covered under the Three-Guarantee Service:

- (1) Any incidental expenses and compensation for losses arising from repairs during the Three-Guarantee period or from other repair-related matters, including but not limited to towing fees, car rental fees, shipping fees, telephone, fax charges, and costs due to work disruption.
- (2) Periodic maintenance and service fees, including costs for replacing or replenishing consumables, lubricants, fuels, and the like.
- (3) Repair costs incurred at locations other than the Company's dealers or designated service stations.

6、Limitations and Reductions to the Scope of Warranty:

The vehicle must be regularly maintained in accordance with the prescribed schedule. If any abnormality is found, the vehicle shall be promptly taken for repair. The Company shall not be held liable for any expansion of the abnormality resulting from delayed repair.

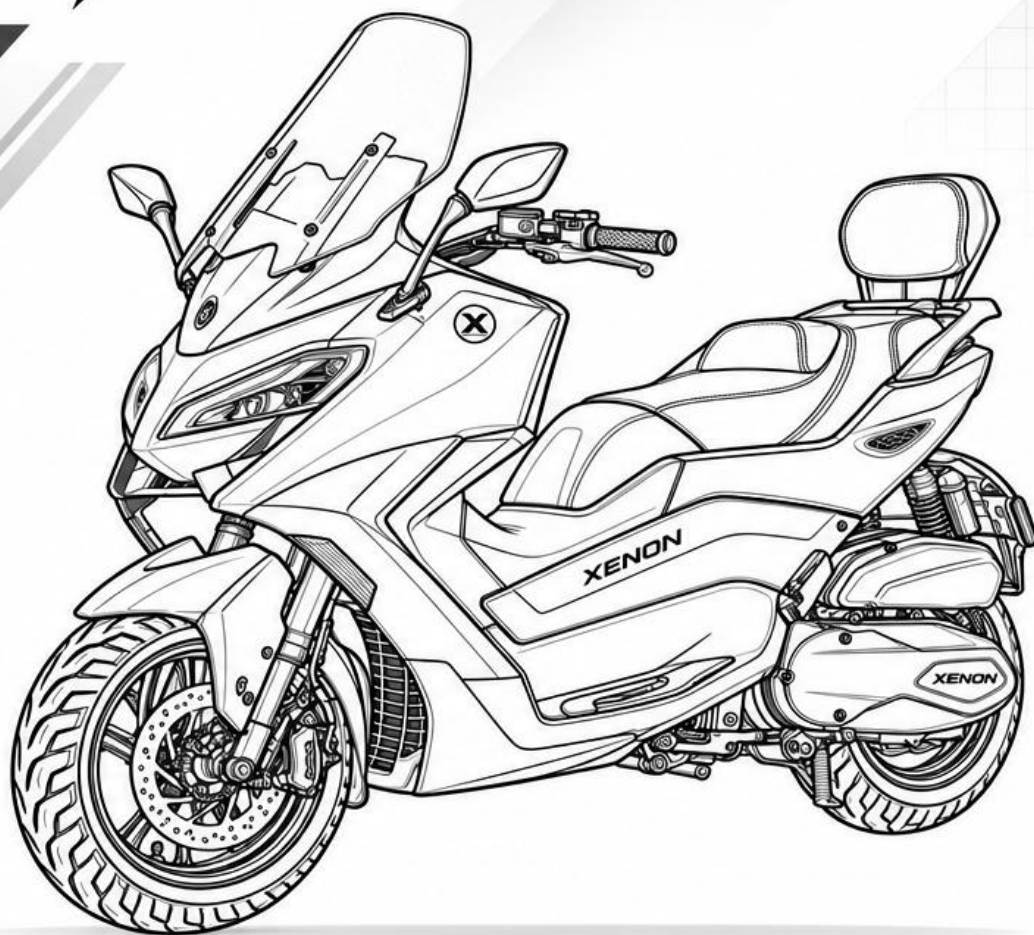
7、Territory Covered by the Three-Guarantee Service:

The Three-Guarantee Service applies solely to XENON motorcycles used within mainland China and sold through authorized dealers designated by XENON. If the vehicle is taken outside mainland China, the Three-Guarantee Service shall immediately terminate.

XENON Motorcycle After-Sales Service Record - First Copy (Customer's Copy)									
User Name		Gender		Date of Birth		Occupation			
Phone Number				E-mail					
Address				Postal Code					
Purchased Model		Engine No.		VIN					
Date of Purchase Delivery			Inspection Items	☐ Exterior	☐ Lights	☐ Instrument Panel	☐ Horn	☐ Tire Pressure	☐ Startup
Distributor				☐ Idle、Acceleration	☐ Brakes	☐ Onboard Tools	☐ Onboard Manual & Operating Instructions	☐ Certificate of Conformity	
	(Seal)			User Signature					
Phone Number									
Remarks:	1、 Please fill in the user information truthfully. XENON will use this as the baseline data for vehicle registration, three-guarantee service, and follow-up service activities.								
	2、 Return this form to the superior distributor before the 5th of the following month; the distributor will compile and return it to XENON;								
	3、 The user must present this copy and the vehicle purchase invoice to the designated service station for maintenance and repairs;								
	4、 Please fill in the actual usage information. Notify the dealer promptly of any changes to the information.								

XENON Motorcycle After-Sales Service File - Second Copy (Dealer's Copy)									
User Name		Gender		Date of Birth		Occupation			
Phone Number				E-mail					
Address				Postal Code					
Purchased Model		Engine No.		VIN					
Date of Purchase Delivery			Inspection Items	☐ Exterior	☐ Lights	☐ Instrument Panel	☐ Horn	☐ Tire Pressure	☐ Startup
Distributor				☐ Idle、Acceleration	☐ Brakes	☐ Onboard Tools	☐ Onboard Manual & Operating Instructions	☐ Certificate of Conformity	
	(Seal)								
Phone Number				User Signature					
Remarks:	1、 Please fill in the user information truthfully. XENON will use this as the baseline data for vehicle registration, three-guarantee service, and follow-up service activities.								
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XENON



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