U10 PRO
UFORCE PRO
UFORCE 1000 PRO
UFORCE PRO 1000

Owner's Manual

Read this
manual
carefully

It contains important
safety information

Make sure operator holds a valid driver license.
Passengers under 12 are prohibited.

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FOREWORD

Welcome

Thank you for purchasing a CFMOTO vehicle, and welcome to our world-wide family of CFMOTO enthusiasts. Be sure to visit us online at www.cfmoto.com for the latest news, new product introductions, upcoming events, and more.

CFMOTO is an international company that specializes in the development, manufacture, and marketing of all-terrain vehicles, utility vehicles, and their core components(liquid cooled engine, frame, etc). Founded in 1989, CFMOTO is devoted to the development of independent brand cultivation and R&D innovation. CFMOTO products are currently distributed through more than 2000 companions worldwide in more than 100 countries and regions. CFMOTO is edging into the advanced ranks in the world of powersports, and aims to supply superior products to dealers and fans globally.

For safe and enjoyable operation of your vehicle, be sure to follow the instructions and recommendations in this owner's manual. Your manual contains instructions for minor maintenance. Information about major repairs is outlined in the CFMOTO Service Manual.

Your CFMOTO dealer knows your vehicle best and is interested in your total satisfaction. Be sure to return to your dealership for all of your service needs during, and after, the warranty period.

Due to constant improvements in the design, quality, or configuration of production components, some minor discrepancies may result between the actual vehicle and the information presented in this publication. CFMOTO reserves the right to change product features, specifications and components without notice or incurring obligation to the purchaser. Depictions and/or procedures within are intended for reference use only. The most current version of this manual may be available on the CFMOTO consumer website of the market you reside in.

This manual applies to the following models: CF1000UTR-8

EVAP System (Evaporative Emission Control System)

(If equipped)

When required by environmental emissions regulations, this vehicle is manufactured with a fuel evaporation system (EVAP) to prevent fuel vapors entering the atmosphere from the fuel tank and fuel system.

During routine maintenance, visually inspect all hose connections for leaks or blockage. Ensure the hoses are not clogged or kinked, which could damage the fuel pump or distort the fuel tank. No other maintenance is necessary.

Contact your dealer if repair is required. Do not modify the EVAP system. Modifying any part of this system will violate environmental emissions regulations.

Catalytic Converter

CAUTION: Please pay attention to the following to protect your catalytic converter:

- Use only unleaded gasoline. Even gasoline that contains a little lead could damage the reactive metals contained in the catalytic converter and disable it.
- Never add rust preventive oil or engine oil into the muffler. Doing so could damage the catalytic converter.

⚠NOTE
Some features described within this manual may not apply to models sold in current market. All descriptions and directions given are from the operator’s perspective when properly seated. The owner's manual contains most of the configurations. Some of it may not suit your purchased one, selectively read the content in the manual according to the real vehicle configuration.

FOREWORD

Signal Words

A signal word calls attention to a safety message or messages, a property damage message or messages, and designates a degree or level of hazard seriousness. The standard signal words in this manual are WARNING, CAUTION and NOTE or NOTICE.

The following signal words and symbols appear throughout this manual and on your vehicle. Your safety is involved when these words and symbols are used. Become familiar with their meanings before reading the manual:

⚠WARNING

This safety alert and icon indicates a potential hazard that may result in serious injury or death.

⚠CAUTION

This safety alert and icon indicates a potential hazard that may result in minor or moderate personal injury and/or damage to the vehicle.

CAUTION

This safety alert without an icon indicates a situation that may result in damage to the vehicle.

NOTE or NOTICE

A note or notice will alert you to important information or instructions.

FOREWORD







NEVER:

- Operate without proper training or instruction.
- Operate on public roads. A collision can occur with another vehicle.
- Operate on paved roads. Pavement may seriously affect handling and control.
- Operate at speeds too fast for your skill, conditions, or the terrain.
- Use ALCOHOL or DRUGS before or while driving this vehicle.

ALWAYS:

- Avoid paved surfaces, which may adversely affect the handling and control.
- Use proper driving techniques to avoid vehicle overturn on hills, rough terrain, and when turning.
- Wear googles, helmet and protective clothing.

FOREWORD

READ THE OWNER'S MANUAL
FOLLOW ALL INSTRUCTIONS AND WARNINGS

⚠ WARNING
Read, understand, and follow all of the instructions and safety precautions in this manual and on all product labels. Failure to follow the safety precautions could result in serious injury or death.

⚠ WARNING
When operating, servicing and maintaining the vehicle. You may touch the chemical substances, such as exhaust gas, carbon monoxide, phthalates, and lead, which can cause cancer, born defects, or other reproductive damage chemicals. For reduce the risk, and breathe the waste gas, do not run the engine if not necessary. Service the vehicle in the ventilation area or wash hands frequently.

INTRODUCTION

Thank you for purchasing a CFMOTO vehicle, and welcome to our world-wide family of CFMOTO enthusiasts.

We are proud to manufacture a range of practical and entertaining products. Our products below:

- ATV
- UTV and SSV (You can use in the farm, patrol, forest protection and haunting)
- Motorcycle
- Roadster
- Official cars

CFMOTO is a company specializing in the production and manufacture of liquid cooled engines and is a top supplier in China. Compared with air-cooled engines of the same displacement. More efficient, the oil temperature is more stable, and the engines have lower fuel consumption while more powerful and longer service life.

For safe and enjoyable operation of your vehicle, be sure to follow the instructions and recommendations in this owner's manual. Information about major repairs are outlined in the CFMOTO Service Manual, and should only be performed by a CFMOTO service dealer and technician. Your CFMOTO dealer knows your vehicle best and is interested in your total satisfaction. Be sure to return to your dealership for all of your service needs during, and after, the warranty period.

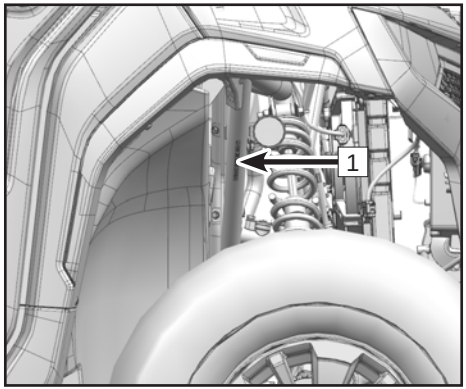
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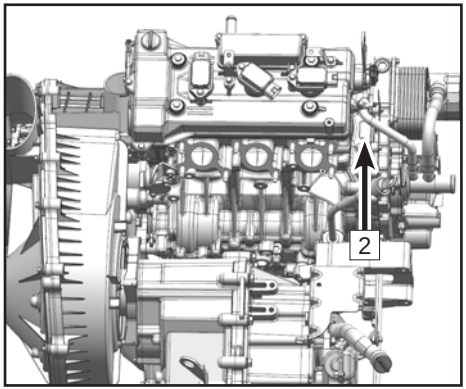
CFMOTO reserves the right to change product features, specifications and components without notice or incurring obligation to the purchaser.

INTRODUCTION

Vehicle Identification Numbers and Key Information

Record your vehicle's identification numbers in the spaces provided. Remove the spare key and store in a safe place. If both keys are lost, the complete lock assembly must be replaced.





1. Vehicle Identification Number: _____

2. Engine Serial Number: _____

SPECIFICATIONS

U10 PRO / UFORCE 1000 PRO / UFORCE PRO 1000 / UFORCE PRO Specification

Item	U10 PRO / UFORCE 1000 PRO / UFORCE PRO 1000 / UFORCE PRO
	CF1000UTR-8
Overall Length	121.9 in. (3097 mm)
Overall Width	64.8 in. (1645mm)
Overall Height	76.6 in. (1945mm)
Wheel Base	81.1 in. (2060mm)
Ground Clearance	13 in. (330mm)
Min. turning radius	167.3 in. (4250mm)
Curb Weight (Including driver)	2008.4 lb. (911kg)
Rear Cargo Box Weight Capacity	1000 lb. (454kg)
Maximum Vehicle Load Allowed (Excluding driver)	1486 lb. (674kg)
Recommended Towing Capacities:	
Towing Hitch Weight	123 lb. (56kg)
Trailer and Cargo Weight(unbraked)	1500 lb. (680kg)
Trailer and Cargo Weight(ineritial braked)	1764 lb. (800kg)
Engine Model And Type	380Y-3
Type	Cylinder in-line, 4-stroke, liquid-cooled, 12 valves, DOHC

SPECIFICATIONS

Item	U10 PRO / UFORCE 1000 PRO / UFORCE PRO 1000 / UFORCE PRO
	CF1000UTR-8
Bore × Travel	3.15 in (80mm) × 2.61 in (66.2mm)
Displacement	998 cm^3
Compression Ratio	11.0 : 1
Starting Type	Electric start
Lubrication Type	Pressure / Splash lubrication
Engine Coolant: Type Capacity Mix Ratio:	 CFMOTO uses Organic Acid Technology (OAT) coolant in all liquid-cooled engines. Do not mix with inorganic (IAT) coolant. 7.2 qt. (6.8 L) 50% Coolant / 50% Distilled water
Engine Oil: Type Engine Oil Volume: Capacity Change / Oil Filter	 SAE 5W-40 / SAE 0W-40 SP or higher total synthesis oil(See engine oil viscosity chart) 4.3 qt. (4.2 L) 4 qt. (3.8 L)
Transmission box oil Type Engine Oil Volume:	 SAE 75W-90 GL-5 2.96 qt.(2.8 L)

SPECIFICATIONS

Item	U10 PRO / UFORCE 1000 PRO / UFORCE PRO 1000 / UFORCE PRO
	CF1000UTR-8
Front Differential Oil:	
Type	SAE 80W-90 GL-5
Volume:	
Periodic Oil Change	0.26 qt. (250 mL)
Air Filter	Paper type
Fuel Type	E10 or E5
Fuel Tank Capacity	11.8 gallons (45 L)
Fuel Reserve Amount At Fuel Gauge 'Flash'(Maximum)	1.3 gallons (5 L)

SPECIFICATIONS

Item			U10 PRO / UFORCE 1000 PRO / UFORCE PRO 1000 / UFORCE PRO
			CF1000UTR-8
Spark Plug Type			TORCH BN8RTC
Spark Plug Gap			0.031in ~ 0.039in. (0.8mm~1mm)
Transmission	Transmission		CVT + Gearbox
	Gear Shift/Order		Electric / L—H—N—R—P
	CVT Ratio		0.85 ~ 3.24
	Gear Ratio	Low Gear	39/15= 2.6
		High Gear	35/24=1.458
		Reverse	39/17=2.294
Chassis Frame			Steel tube
Tires:			
Type			Tubeless
Front			29 × 9 R14 8PR 84J
Rear			29 × 11 R14 8PR 90J
Wheel Bolt Pattern			5×114.3 mm

SPECIFICATIONS

Item	U10 PRO / UFORCE 1000 PRO / UFORCE PRO 1000 / UFORCE PRO
	CF1000UTR-8
Tire Pressure: Front Rear	 22 Psi (150 kPa) 22 Psi (150 kPa)
Brake System:	Front axles: Double-disc / Rear axles: Double-disc
Foot Brake Type / Operation	Foot operated Four wheel disc
Parking Brake Type / Operation	Operated by hand, switch Rear wheel electronic disc brake only
Brake Fluid Type	DOT 4
Suspension: Front Suspension Rear Suspension	 Double A-arm independent Double A-arm independent

SPECIFICATIONS

Item	U10 PRO / UFORCE 1000 PRO / UFORCE PRO 1000 / UFORCE PRO
	CF1000UTR-8
Shock Absorber:	
Front Shock Absorber	Coil spring hydraulic
Rear Shock Absorber	Coil spring hydraulic
Wheel Travel:	
Front Wheel Travel	11 in. (280 mm)
Rear Wheel Travel	10.2 in. (260 mm)
Electrical System:	
Ignition	Electronic
Charging	Rectified A/C 900 Watt @ 5000 rpm
Battery	12 Vdc / 30 Amp Hr
Hydraulic Lift：	
Fluid Type:	10# Aviation hydraulic fluid
Nominal Voltage:	12V
Working current:	≤ 30A
Maximum lift load for cargo box	140kg
No-load lift time:	≤ 9s
Loaded (140kg) lift time:	≤ 13s
Lowering time when no-load and loading	≤ 13s

OPERATOR SAFETY

General Safety Precautions

⚠ WARNING
Failure to heed the warnings contained in this manual can result in serious injury or death. This vehicle is not a toy and can be hazardous to operate. This vehicle handles differently from other vehicles, such as cars. A collision or rollover can occur quickly, even during routine maneuvers like turning or driving over obstacles, if you fail to take proper precautions. Read this owner’s manual. Understand all safety warnings, precautions and operating procedures before operating this vehicle.

Age Restrictions

This vehicle is an ADULT VEHICLE ONLY. Operation is prohibited for anyone under the age of 16. No passengers under age 12 are allowed on CFMOTO vehicles designed to carry passengers.

Know Your Vehicle

As the operator of the vehicle, you are responsible for your personal safety, the safety of others, and the protection of the environment. Read and understand your owner's manual, which includes valuable information about all aspects of your vehicle, including safe operating procedures.

OPERATOR SAFETY

Owner Responsibilities

Be Qualified and Responsible

Read this Owner's Manual and the warning decals on this vehicle carefully. Take a safety training course on open areas if available. Practice at low speeds. Higher speeds require greater experience, knowledge and suitable riding conditions. Become completely familiar with the operational controls and the general operation of the vehicle.

This vehicle is an ADULT VEHICLE ONLY. Operation is prohibited for anyone under 16 years of age. Operators must be tall enough to be properly seated back against the backrest with the seat belt fastened, to hold the steering wheel with both hands and still be able to reach the full stroke of brake and throttle pedals with the right foot, and able to firmly plant their left foot on the footrest.

Operators may be required to have a proper driver's license in accordance with local laws.

Carrying a Passenger

- Do not carry more passengers than allowed. Passengers must ride in a passenger seat.
- Passengers must be at least 12 years old and tall enough to always be properly seated against the backrest with the seat belt fastened, holding handhold, with both feet firmly planted on the vehicle floor.
- Never carry a passenger who has used drugs or alcohol, or is tired or ill. These slow reaction time and impair judgment.
- Instruct the passenger to read the vehicle's safety labels.
- Never carry a passenger if you judge their ability or judgment is insufficient to concentrate on the terrain conditions and adapt accordingly. More specifically for side-by-side vehicles, the passenger must also pay constant attention to the terrain ahead and be able to brace for bumps.

OPERATOR SAFETY

Riding Carefully

- This vehicle is not a toy and can be hazardous to operate. This vehicle handles differently from other vehicles such as motorcycles or cars. A collision or rollover can occur quickly, during abrupt maneuvers such as sharp turns, acceleration or deceleration, and driving on hills or over obstacles if you fail to take proper precautions.
- Never operate at excessive speeds. Always operate at a speed that is proper for the terrain, visibility, and operating conditions, and your experience.
- Never attempt jumps, side slides, donuts, lift the front wheel from ground or any other stunts.
- Never attempt rapid acceleration or deceleration when performing a sharp turn. This may result in a rollover.
- Never attempt skidding or sliding. If vehicle starts to skid or slide, counter steer in the direction of skidding or sliding. On extremely slippery surfaces, such as ice, go slowly and be very cautious in order to reduce the chance of skidding out of control.
- Always be sure there are no obstacles or people behind the vehicle when reversing. Pay attention to blind spots. When it is safe to proceed in reverse, go slowly.
- Never exceed the stated load limits for this vehicle. Cargo must be properly secured. Reduce speed, allow for greater braking distance and follow other instructions in this manual.
- Ensure that cargo is well distributed in the cargo box. Otherwise, it could change the center of gravity and may result in rollover.

OPERATOR SAFETY

Roll Over Protection System (ROPS)

- The ROPS on this vehicle meets the performance requirements of ISO 3471:2008. The ROPS can limit intrusions of outside objects and reduce your risk of injury in rollovers.
- Always follow all safe operating practices outlined in this manual to avoid vehicle rollover.
- Do not put your hands and/or feet outside of the vehicle when driving. The ROPS will not protect you from injury in all rollovers.
- Always have your authorized CFMOTO dealer thoroughly inspect the ROPS if it ever becomes damaged in any way.

Occupant Restraint System

- This vehicle is designed to carry one driver and passengers (Maximum carry two passengers) wearing proper protective gear.
- The driver and passenger must latch the side doors or side nets and wear the seat belts at all times when riding.

Terrain Conditions

- Avoid sharp turns, abrupt acceleration and sudden braking when passing public roads.
- Always go slowly and be extra careful when operating on unfamiliar terrain. Always be alert to changing terrain conditions when operating this vehicle. Take the time to learn how the vehicle performs in different environments.
- Never operate on excessively rough, slippery or loose terrain until you have learned and practiced the skills necessary to control this vehicle on such terrain. Always be especially cautious on these kinds of terrain.
- Never operate this vehicle on hills too steep for the vehicle or your abilities. Practice on small inclines.

OPERATOR SAFETY

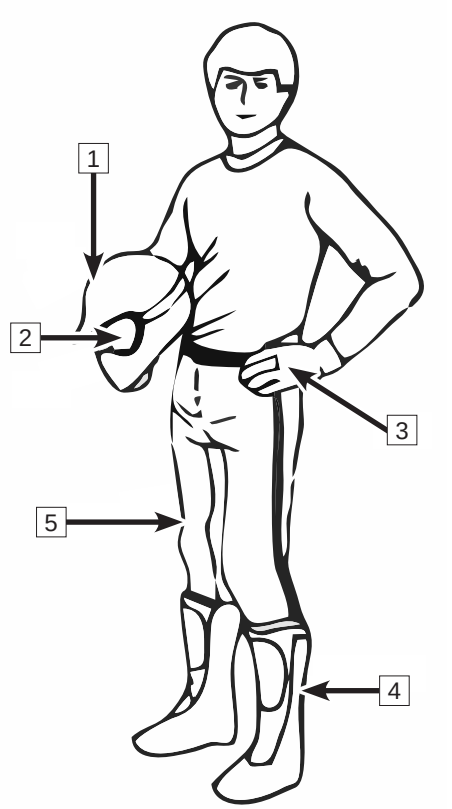
- Always follow proper procedures for climbing or going down hills. Never go over the top of any hill at high speed.
- Never attempt steep hills or side hilling when pulling a trailer.
- Always check for obstacles before operating in a new area. Always follow proper procedures when operating over obstacles or fallen trees.
- Never operate this vehicle in deep water or fast flowing water. Remember that wet brakes may have reduced stopping ability. Test your brakes after leaving water. If necessary, apply them several times while driving slowly to let friction dry out the brakes.
- Always ensure to properly park the vehicle on the flattest terrain section available. Put the shift lever in PARK, stop the engine, and remove the NFC key before leaving the vehicle.
- Never assume that the vehicle will go everywhere safely. Sudden changes in terrain caused by holes, depressions, banks, softer or harder ground, or other irregularities may cause the vehicle to topple or become unstable. To avoid this, slow down and always observe the terrain ahead. If the vehicle begins to topple or rollover, the best advice is to immediately steer in the direction of the rollover.
- Never attempt to prevent a rollover with your arms or legs. Always keep limbs inside the ROPS cage.

OPERATOR SAFETY

Safe Riding Gear

Always wear clothing suited to the type of riding. Operating this vehicle requires wearing special protective clothing for comfort and to reduce the chance of injury:

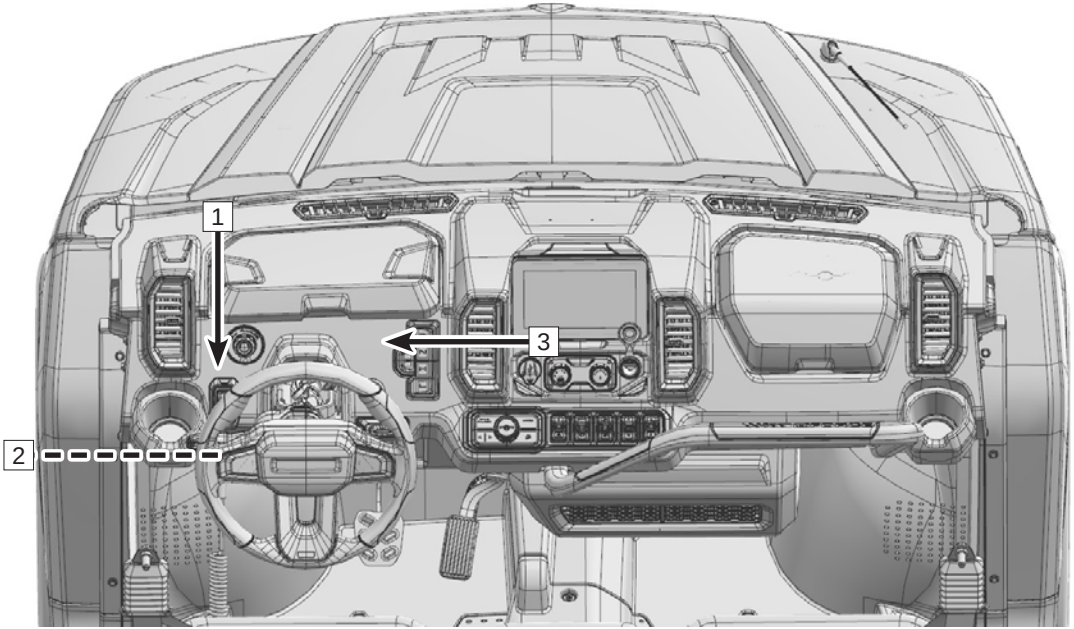
1. A helmet is the most important piece of protective gear for safe riding. An approved helmet can prevent a severe head injury.
2. Eye protection. A pair of goggles or a helmet face shield offers the best protection for your eyes. They should be kept clean and be a shatter-proof design. Do not depend on sunglasses for proper eye protection.
3. Off-road style gloves with knuckle pads are the best for comfort and protection.
4. The best footwear is a pair of strong over-the-calf boots with heels.
5. Always wear long pants and long sleeve shirts to protect arms and legs. Riding pants and a jersey that have kneepads and shoulder pads provide the best protection.



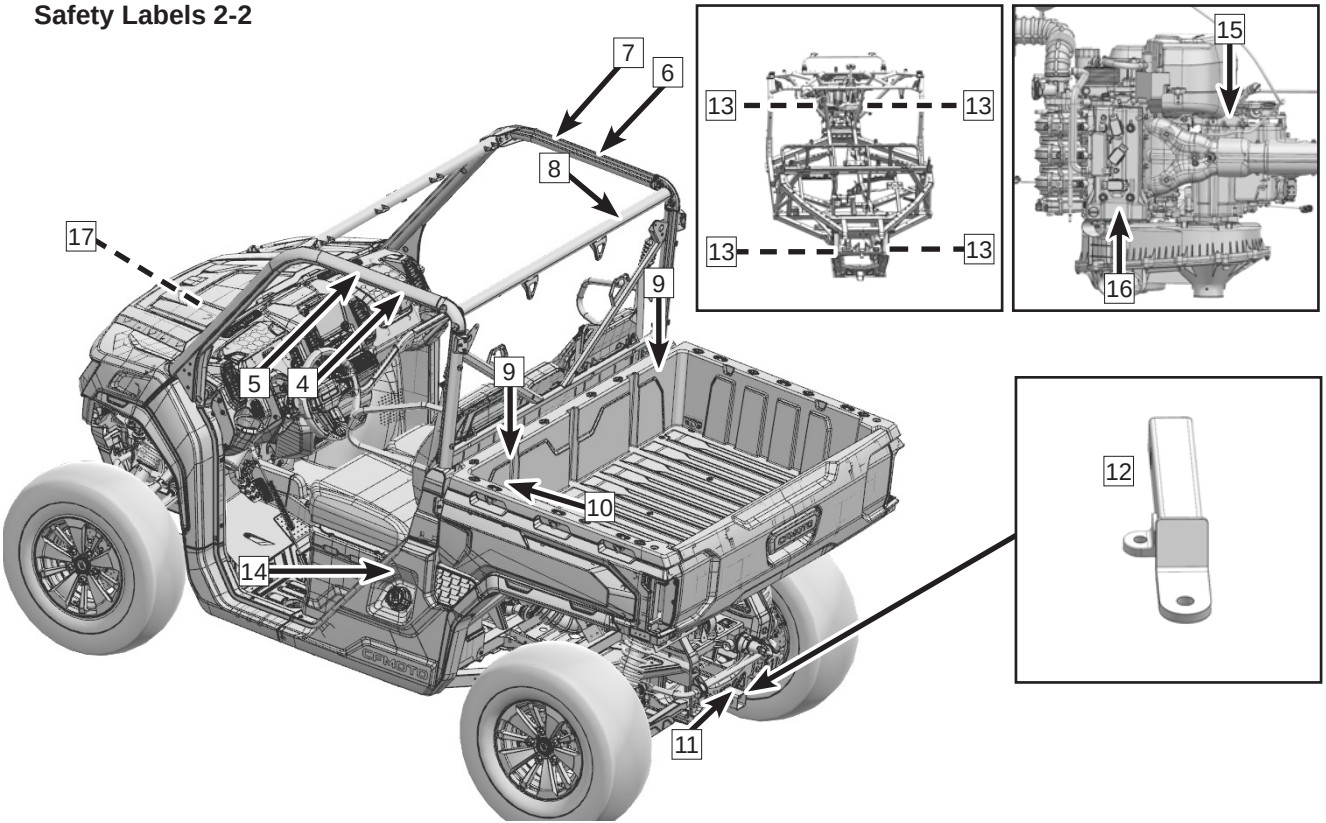
Safety Labels, Locations and Warnings

Warning labels have been placed on the vehicle for your protection. Read and follow the instructions on each decal carefully. If a decal becomes illegible or comes off, contact your dealer to purchase a replacement. Read and follow the safety warnings in this manual. Warning labels in the owner's manual are for reference.

Safety Labels 2-1



Safety Labels 2-2



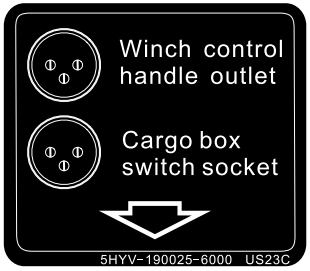
OPERATOR SAFETY

Safety Labels

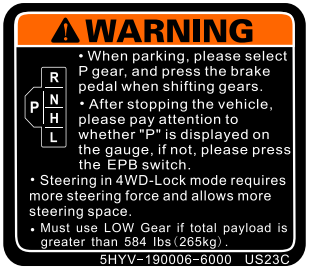
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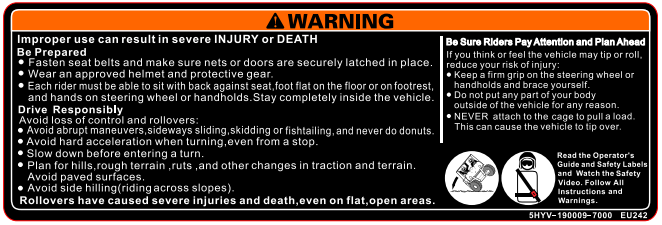
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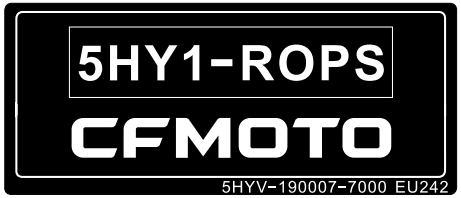
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OPERATOR SAFETY

Safety Labels

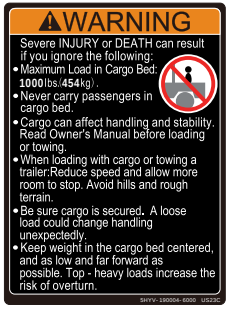
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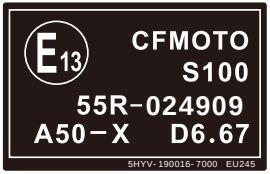
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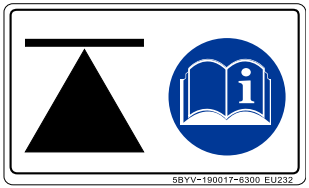
11



12



13



14



15



16



17



OPERATOR SAFETY

Potential Hazard Warnings

⚠WARNING

POTENTIAL HAZARD:

Operating this vehicle without proper instruction.

WHAT CAN HAPPEN:

The risk of an accident is greatly increased if the operator does not know how to operate the vehicle properly in different situations and on different types of terrain.

HOW TO AVOID THE HAZARD:

Beginning and inexperienced operators should complete a safety training course if offered by dealer. Operators should regularly practice the skills learned in the course and the operating techniques described in the owner's manual.

⚠WARNING

POTENTIAL HAZARD:

Failure to follow the age recommendations for this vehicle.

WHAT CAN HAPPEN:

Severe injury and/or death could occur if a child under the minimum age recommendation operates this vehicle. Even though a child may be within the recommended age group for operating, he/she may not have the skills, abilities, or judgment needed to operate safely and could be susceptible to accident or injury.

HOW TO AVOID THE HAZARD:

Operation is prohibited for anyone under 16 years of age.

OPERATOR SAFETY

⚠WARNING

POTENTIAL HAZARD:

Carrying more passengers than the seat capacity.

WHAT CAN HAPPEN:

A passenger not seated in the vehicle could be ejected from the vehicle unexpectedly or make contact with moving components, both of which can result in severe injury or death.

HOW TO AVOID THE HAZARD:

Never allow carrying more passengers than the seat capacity.

⚠WARNING

POTENTIAL HAZARD:

Operation on paved surfaces such as sidewalks, trails, parking lots, or public highways and streets.

WHAT CAN HAPPEN:

All-terrain tires are designed for off-road use. Driving on paved surfaces greatly affects how a vehicle handles, which can result in loss of control and/or an accident.

HOW TO AVOID THE HAZARD:

Never drive on paved surfaces. If it is unavoidable, slow down and do not make sudden turning or braking maneuvers.

Never operate on public highways or streets if it is not allowed by law. Check local laws to determine if it is legal to do so.

OPERATOR SAFETY

⚠WARNING

POTENTIAL HAZARD:

Operating this vehicle without wearing approved helmet, eye protection, and protective clothing.

WHAT CAN HAPPEN:

Operating without an approved helmet increases the risk of a severe head injury or death in the event of an accident. Operating without eye protection could result in an accident and could increase the chance of a severe eye injury in the event of an accident. Operating without protective clothing could increase the chance of a severe injury.

HOW TO AVOID THE HAZARD:

Always wear an approved helmet that fits properly. Always wear eye protection (goggles or face shield), gloves, long-sleeved shirt or jacket, long pants, and over-the-calf boots.

OPERATOR SAFETY

⚠WARNING

POTENTIAL HAZARD:

Operating the vehicle after consuming alcohol or drugs.

WHAT CAN HAPPEN:

Consumption of alcohol and/or drugs could seriously affect operator judgment. Reaction time may be slower and operator balance and perception could be affected. Consumption of alcohol and/or drugs before or while operating a vehicle could result in an accident causing severe injury or death.

HOW TO AVOID THE HAZARD:

Never consume alcohol or drugs before or while operating the vehicle.



OPERATOR SAFETY

⚠WARNING

POTENTIAL HAZARD:

Operating at excessive speeds.

WHAT CAN HAPPEN:

Excessive speed increases the operator's chance of losing control, which can result in an accident.

HOW TO AVOID THE HAZARD:

Always operate at a speed that's proper for the terrain, visibility and operating conditions, and your experience.

⚠WARNING

POTENTIAL HAZARD:

Attempting slides, jumps, and other stunts.

WHAT CAN HAPPEN:

Attempting stunts increases the chance of an accident, including an overturn.

HOW TO AVOID THE HAZARD:

Never attempt slides, jumps, or other stunts.

OPERATOR SAFETY

⚠WARNING

POTENTIAL HAZARD:

Failure to inspect the vehicle before operating. Failure to properly maintain the vehicle.

WHAT CAN HAPPEN:

Poor maintenance increases the possibility of an accident or equipment damage.

HOW TO AVOID THE HAZARD:

Always inspect your vehicle before each use to make sure it's in safe operating condition.

Always follow the inspection and maintenance procedures and schedules described in the owner's manual.

⚠WARNING

POTENTIAL HAZARD:

Extending arms, hands, or legs outside the ROPS bars of the vehicle during operation.

WHAT CAN HAPPEN:

Severe injury can occur to arms, hands, or legs if the vehicle overturns or rolls over in an accident.

HOW TO AVOID THE HAZARD:

Always keep arms, hands, or legs inside the vehicle, hands on the steering wheel or hand grip, and keep both feet on the footrests of the vehicle during operation.

OPERATOR SAFETY

⚠WARNING

POTENTIAL HAZARD:

Failure to use extra caution when operating on unfamiliar terrain.

WHAT CAN HAPPEN:

Unfamiliar terrain may contain hidden rocks, bumps, or holes that could cause loss of control or overturn.

HOW TO AVOID THE HAZARD:

Travel slowly and use extra caution when operating on unfamiliar terrain. Always be alert to changing terrain conditions.

⚠WARNING

POTENTIAL HAZARD:

Turning improperly.

WHAT CAN HAPPEN:

Improper turns could cause loss of control and lead to a collision or overturn.

HOW TO AVOID THE HAZARD:

Always follow proper procedures for turning as described in the owner's manual. Practice turning at slow speeds before attempting to turn at faster speeds. Never turn at excessive speed.

OPERATOR SAFETY

⚠WARNING

POTENTIAL HAZARD:

Failure to use extra caution when operating on excessively rough, slippery or loose terrain.

WHAT CAN HAPPEN:

Operating on excessively rough, slippery or loose terrain could cause loss of traction or loss of control, which could result in an accident or overturn.

HOW TO AVOID THE HAZARD:

Do not operate on excessively rough, slippery or loose terrain until you've practiced and learned the skills necessary to control the vehicle on such terrain. Always use extra caution on rough, slippery or loose terrain.

⚠WARNING

POTENTIAL HAZARD:

Climbing excessively steep hills or climbing hills improperly.

WHAT CAN HAPPEN:

Improper hill climbing could cause loss of control or overturn.

HOW TO AVOID THE HAZARD:

Never operate on hills too steep for the vehicle or for your abilities. Practice on smaller hills before attempting large hills. Always check the terrain carefully before ascending any hill. Never climb hills with excessively slippery or loose surfaces. Never open the throttle suddenly while traveling uphill. The vehicle could flip over backwards. Never go over the top of any hill at high speed. An obstacle, a sharp drop, another vehicle, or person could be on the other side of the hill.

OPERATOR SAFETY

⚠WARNING

POTENTIAL HAZARD:

Traveling down excessively steep hills.

WHAT CAN HAPPEN:

Improper downhill travel could cause loss of control or overturn.

HOW TO AVOID THE HAZARD:

Never operate on hills too steep for the vehicle or for your abilities. Practice on smaller hills before attempting large hills. Always check the terrain carefully before attempting any hill. Never descend hills with excessively slippery or loose surfaces.

NOTE:

Always check the terrain carefully before descending a hill. Never travel down a hill at high speed. Avoid traveling down a hill at an angle. Travel straight down the hill when possible.

OPERATOR SAFETY

⚠WARNING

POTENTIAL HAZARD:

Traveling down excessively steep hills.

WHAT CAN HAPPEN:

Improper downhill travel could cause loss of control or overturn.

HOW TO AVOID THE HAZARD:

Never operate on hills too steep for the vehicle or for your abilities. Practice on smaller hills before attempting large hills. Always check the terrain carefully before attempting any hill. Never descend hills with excessively slippery or loose surfaces.

NOTE:

Always check the terrain carefully before descending a hill. Never travel down a hill at high speed. Avoid traveling down a hill at an angle. Travel straight down the hill when possible.

OPERATOR SAFETY

⚠WARNING

POTENTIAL HAZARD:

Improperly crossing hills and turning on hills.

WHAT CAN HAPPEN:

Improperly crossing or turning on hills could cause loss of control or overturn.

HOW TO AVOID THE HAZARD:

Use extra caution when turning on any hill. Avoid crossing the side of a steep hill.

WHEN CROSSING THE SIDE OF A HILL:

Always follow proper procedures as described in the owner's manual. Avoid hills with excessively slippery or loose surfaces.

⚠WARNING

POTENTIAL HAZARD:

Stalling, rolling backwards while climbing a hill.

WHAT CAN HAPPEN:

The vehicle could overturn.

HOW TO AVOID THE HAZARD:

Maintain a steady speed when climbing a hill.

IF ALL FORWARD SPEED IS LOST:

Close the throttle. Apply the brake. When fully stopped, shift the gear selector to the park position.

OPERATOR SAFETY

IF THE VEHICLE BEGINS ROLLING:

Never apply engine power. Carefully apply the foot brake while rolling backwards. When fully stopped, keep the brake applied, shift the gear selector to the parking position, and determine the best way to safely change direction.

⚠WARNING

POTENTIAL HAZARD:

Improperly operating over obstacles.

WHAT CAN HAPPEN:

Operating over obstacles could cause loss of control or overturn.

HOW TO AVOID THE HAZARD:

Before operating in a new area, check for obstacles. Avoid operating over large obstacles such as rocks and fallen trees when possible. If unavoidable, use extreme caution and always follow proper procedures as outlined in the owner's manual.

⚠WARNING

POTENTIAL HAZARD:

Skidding or sliding.

WHAT CAN HAPPEN:

Skidding or sliding can cause loss of control. If the tires regain traction unexpectedly, the vehicle could overturn.

HOW TO AVOID THE HAZARD:

On slippery surfaces such as ice, travel slowly and use extra caution to reduce the chance of skidding or sliding out of control.

⚠WARNING

POTENTIAL HAZARD:

Overloading the vehicle or carrying/towing cargo improperly.

WHAT CAN HAPPEN:

Overloading and towing can cause changes in vehicle handling, which could lead to loss of control or an accident.

HOW TO AVOID THE HAZARD:

Never exceed the stated load capacity for this vehicle.

Cargo should be properly distributed and securely attached. Reduce speed and always use low gear when carrying cargo or pulling a trailer. Allow a greater distance for braking. Always follow the instructions in the owner's manual for carrying cargo or pulling a trailer.

⚠WARNING

POTENTIAL HAZARD:

Operation the vehicle through deep or fast-flowing water.

WHAT CAN HAPPEN:

Tires may float, causing loss of traction and loss of control, which can lead to an accident or overturn.

HOW TO AVOID THE HAZARD:

Avoid operating through deep or fast-flowing water. If it is unavoidable to enter water that exceeds the recommended maximum depth, travel slowly, balance your weight carefully, avoid sudden movements, and maintain a slow and steady forward motion. Do not make sudden turns or stops, and do not make sudden throttle changes. Wet brakes may have reduced stopping ability. Always test the brakes after leaving the water. If necessary, apply the brakes several times while driving slowly to dry out the pads.

OPERATOR SAFETY

⚠WARNING

POTENTIAL HAZARD:

Improperly operating in reverse.

WHAT CAN HAPPEN:

The vehicle could collide with an obstacle or person, resulting in severe injury.

HOW TO AVOID THE HAZARD:

Before shifting into reverse gear, always check for obstacles or people behind the vehicle. When it's safe to proceed, back slowly.

⚠WARNING

POTENTIAL HAZARD:

Operating this vehicle with improper tires, or with improper or uneven tire pressure.

WHAT CAN HAPPEN:

Use of improper tires, or operation of the vehicle with improper or uneven tire pressure, could cause loss of control or an accident.

HOW TO AVOID THE HAZARD:

Always use the size and type of tires specified in the owner' s manual. Always maintain proper tire pressure.

OPERATOR SAFETY

⚠WARNING

POTENTIAL HAZARD:

Operating the vehicle with improper modifications.

WHAT CAN HAPPEN:

Improper installation of accessories or modification of the vehicle may cause changes in handling which could lead to an accident.

HOW TO AVOID THE HAZARD:

Never modify the vehicle through improper installation or use of accessories. All parts and accessories added to the vehicle must be genuine parts or equivalent components designed for use on this vehicle, and they should be installed and used according to approved instructions. Consult your dealer for more information.

⚠WARNING

POTENTIAL HAZARD:

Operating on frozen bodies of water.

WHAT CAN HAPPEN:

Severe injury or death can result if the vehicle falls through the ice.

HOW TO AVOID THE HAZARD:

Never operate the vehicle on a frozen body of water.

OPERATOR SAFETY

⚠WARNING
Leaving the keys in the ignition can lead to unauthorized use of the vehicle, resulting in serious injury or death. Always remove the ignition key when the vehicle is not in use.

⚠WARNING
After any overturn or accident, have an authorized dealer inspect the entire vehicle for possible damage, including (but not limited to) brakes, throttle and steering systems.

⚠WARNING
Safe operation of this vehicle requires good judgment and physical skills. Persons with cognitive or physical disabilities who operate this vehicle have an increased risk of overturn and loss of control, which could result in severe injury or death.

⚠WARNING
Exhaust system components are very hot during and after use of the vehicle. Hot components can cause serious burns and fire. Do not touch hot exhaust system components. Always keep combustible materials away from the exhaust system. Use caution when traveling through tall grass, especially dry grass.

Equipment Modifications

CFMOTO is concerned with the safety of our customers and for the general public. Therefore, we strongly recommend that consumers do not install on a vehicle, any equipment that may increase the speed or power of the vehicle, or make any other modifications to the vehicle for these purposes. Any modifications to the original equipment of the vehicle create a substantial safety hazard and increase the risk of body injury. The warranty on your vehicle is terminated if any unapproved accessory equipment has been added to the vehicle, or if any modifications have been made to the vehicle that increase its speed or power.

⚠NOTE
The addition of certain accessory equipment which may change the handling and performance characteristics of the vehicle include, but are not limited to; mowers, plow blades, oversize tires, sprayers, large racks, lift kits and trailers. Use only approved accessories, and familiarize yourself with their function and effect on the vehicle.

Avoid Carbon Monoxide Poisoning

All engine exhaust contains carbon monoxide, a deadly gas. Breathing carbon monoxide can cause headaches, dizziness, drowsiness, nausea, confusion and eventually death.

Carbon monoxide is a colorless, odorless, tasteless gas that may be present even if you do not see or smell any engine exhaust. Deadly levels of carbon monoxide can collect rapidly, and you can quickly be overcome and unable to save yourself. Also, deadly levels of carbon monoxide can linger for hours or days in enclosed or poorly ventilated areas.

To prevent serious injury or death from carbon monoxide:

- Never run the vehicle in poorly ventilated or partially enclosed areas, such as parking lots, carport or warehouse, etc. Even if you try to open the fan or window to ventilate, carbon monoxide may will reach a dangerous level.

- Never run the vehicle outdoor where engine exhaust can be drawn into a building through openings such as windows and doors.

Avoid Gasoline Fires and Other Hazards

Gasoline is extremely flammable and highly explosive. Fuel vapors can spread and be ignited by a spark or flame many feet away from the engine. To reduce the risk of fire or explosion, follow these instructions:

- Use only an approved gasoline container to store fuel.
- Never fill the gasoline container in the vehicle cargo box or on the vehicle. An electrical static discharge may ignite the fuel.
- Strictly adhere to proper fueling procedures.
- Never start or operate the engine if the fuel cap is not properly installed. Gasoline is poisonous and can cause injury or death.
- Never siphon gasoline by mouth.
- If you swallow gasoline, get any in your eye(s), or inhale gasoline vapor, see a doctor immediately.
- If gasoline spills on you, wash with soap and water and change your clothes.

Fuel Minimum Octane Rating and Safety Warnings

The recommended fuel for your vehicle is E10 or E5. Non-oxygenated (ethanol-free) fuel is recommended for best performance in all conditions.

OPERATOR SAFETY

⚠WARNING
Gasoline is highly flammable and explosive under certain conditions.
Allow the engine and exhaust system to cool before filling the tank.
Always exercise extreme caution whenever handling gasoline.
Always refuel with the engine stopped, and outdoors or in a well ventilated area.
Never carry a plastic container with gasoline in the cargo area while riding. Static electricity between the cargo area and container could cause a spark.
Do not smoke or allow open flames or sparks in or near the area where refueling is performed, or where gasoline is stored.
Do not overfill the tank. Do not fill to the tank neck.
If gasoline spills on your skin or clothing, immediately wash it off with soap and water and change clothing. Never start the engine or let it run in an enclosed area. Engine exhaust fumes are poisonous and can cause loss of consciousness or death in a short time.
The engine exhaust from this product contains chemicals known to cause cancer, birth defects or other reproductive harm. Operate this vehicle only outdoors or in well-ventilated areas.

Avoid Burns from Hot Parts

The exhaust system and engine become hot during operation. Avoid contact during and shortly after operation to avoid burns.

Inspection after an accident

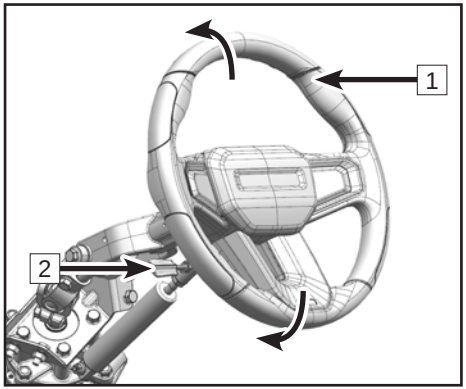
After accidents, such as: rollover or overturn, have an authorized dealer inspect the entire vehicle for possible damage, the damage might more serious than it looks.

CONTROLS AND FEATURES

Primary Controls

Steering Wheel

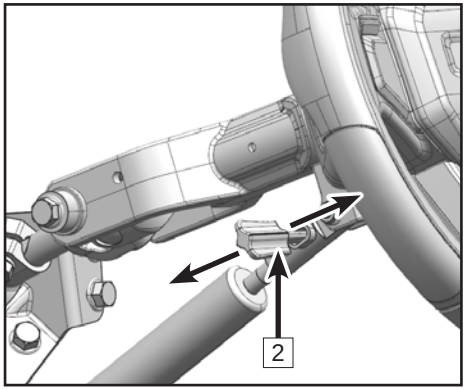
The steering wheel 1 is located in front of driver's seat.



Steering Wheel Adjustment

The height of steering wheel is adjustable to suit your driving habit. Adjust the steering wheel upwardly: grasp the 2 lock handlebar with the right hand and pull up the handlebar. Meanwhile, hold the handlebar with the left hand until the steering wheel raise up to a proper position. Loosen the handlebar 2 with the right hand to lock the steering wheel.

Adjust the steering wheel downwardly: Grasp the lock handlebar 2 with the right hand. MeaNwhile, hold the steering wheel with the left hand. Press down the steering wheel to an appropriate position, loosen the handlebar with the right hand to lock the steering wheel.



NOTE:

After adjustment, shake the steering wheel slightly to ensure whether the steering wheel is locked. If the steering wheel cannot be locked, please see an authorized CFMOTO after-sales center for service.

For your safety concern, it is necessary that to adjust the steering wheel when the vehicle is completely stopped and in the gear "N" or "P".

Electronic Throttle Pedal

The Electronic throttle pedal [1] is located to the right of the brake pedal. The throttle pedal controls engine rpm and vehicle speed. To control vehicle speed and engine RPM when pedal down the throttle with your right foot. Always check the throttle pedal function before driving.

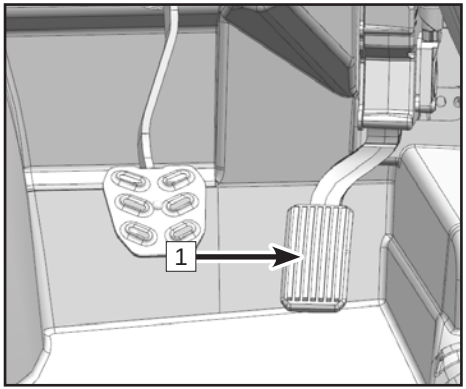
The electronic throttle and electronic throttle body has the following functions:

1.Reverse speed limit function: The vehicle speed is limited to 19mph (30kph) while it is in reverse gear.

2. Idling function: When the transmission is in Neutral, engine RPM is limited to 5000rpm.

3. Brake priority function: When the driver applies both brake pedal and throttle pedal at the same time, the electronic throttle body will turn off the engine and return to idle automatically.

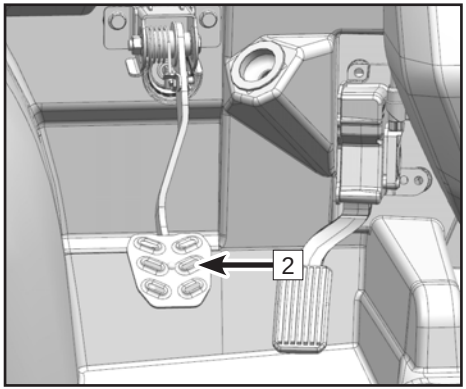
4. Limp home function: When a fault of the electronic throttle body or electronic throttle pedal is detected, the system will enter into torque limitation or limp home mode. If a fault occurs in the electronic throttle body, the engine will enter into torque limitation and RPM returns back to be idle state. If a fault occurs in the electronic throttle pedal, the vehicle will enter into limp home mode and the top RPM will be less than 5000rpm.



Brake Pedal

The brake pedal [2] is located to the left of the throttle pedal. Release the throttle pedal and press the brake pedal with your foot to slow or stop the vehicle.

Starting protection function: No matter is starting the vehicle or gearshift, press the brake pedal with your foot in advance to operate the following operations.



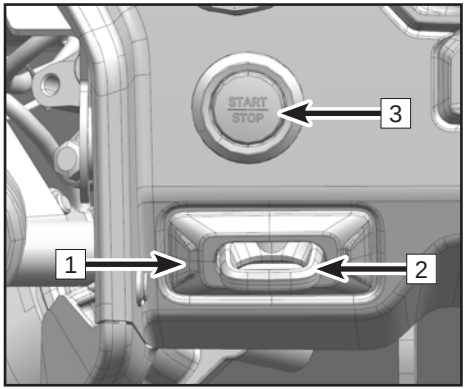
CONTROLS AND FEATURES

Key Slot / NFC Key / START

Key slot 1 is located at the right of steering wheel to fit an NFC key.

NFC key 2 is a part of starting the vehicle.

START/STOP 3 is for starting the vehicle.

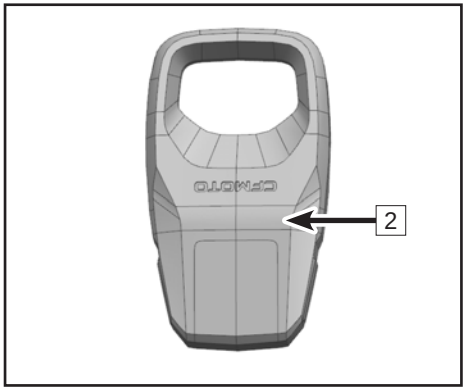


Start the Vehicle

Insert the NFC key 2 into the key slot 1, when gear in "P" or "N" position, and press down the brake pedal with your foot, press down “START/STOP” 3 until the engine is started.

Stop the Vehicle

Stop the vehicle, keep the engine at idle speed, and press down the brake pedal with your foot. Pressing the button "P" or "N" to shift the gear position to "P" or "N", press down "START/STOP” 3, and stop the engine.



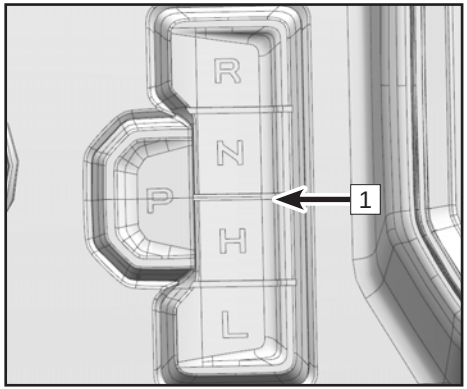
Vehicle is powered on

Insert the NFC key 2 into the slot 1, and press down the START/STOP 3 without pressing down the brake pedal. Vehicle is powered on but the engine is not started, when the instrument is lit up, the electronic equipments (such as sound system, lighting, etc) is available, press down the “START/STOP” again to stop the power.

To avoid the battery is loss of power, the electronic equipments should not be used for a long time (below 15 minutes) after the vehicle is powered on.

Electronic Gear Shift Lever

The electronic gear shift lever 1 is located at the front of the driver seat. Use for shifting the transmission gear selection:



When the vehicle is powered on or started (To meet the vehicle stop requirements): press the brake pedal, and press down the needed gear button to finish the gearshift.

L – Low Gear: The low speed range of the gearbox. It allows the vehicle to move slowly with maximum torque at the wheels.

NOTE: To avoid damage to the CVT system, always use low gear for constant slow speeds, pulling a trailer, carrying heavy cargo, going over obstacles, or driving up and down steep hills.

H – High Gear: The high speed range of the gearbox. It is for normal driving speeds and allows the vehicle to reach maximum speed.

N – Neutral: In neutral position the engine power output is disengaged.

R – Reverse: The reverse gear position allows the vehicle to go backwards.

P – Park. The park position locks the gearbox to help prevent vehicle from movement.

⚠NOTE
When the battery is discharged, it will cause the gearshift failure. Please charge the battery in time or connect an external power supply to gearshift.

Park

When the vehicle stops safely, no matter in which gears, after pressing the stop button, the gearshift system will shift to P gear automatically. Verify that the transmission is in P gear and that the EPB is enabled, if not, do it manually.

Gearshift Malfunction

Try to forcefully release the P gear if a malfunction occurs when the vehicle is gearshifted and in P gear position.

Operation:Press down the N gear button for 3 seconds, then release the button. Press the same button for 3 times in 3 seconds.

⚠ WARNING
If forcibly released the P gear still failure for many times, please contact your dealer.

NOTE:

In reverse operation, the engine's RPM is limited to a reverse speed under 19 mph (30 km/h).

⚠ WARNING
Use extreme caution driving downhill in reverse. Gravity can increase the vehicle speed above the set limited reverse speed.

⚠ WARNING
Always shift to PARK (P) position when the vehicle is not in operation. The vehicle can roll if the shift lever is not set to 'P'. Always use the electronic park brake as an additional precaution to prevent vehicle movement.

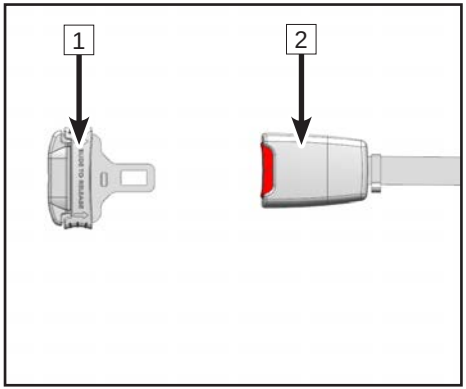
Safety Belts

This vehicle is equipped with three-point safety belts for the driver and passengers. Please make sure all safety belts are fastened safely before operating the vehicle.

⚠WARNING
Falling from a moving vehicle will lead to serious injury or death. Always fasten the seat belts before operating or driving the vehicle.

Follow these steps to fasten the safety belts:

- For three-point safety belt, pull down the belt lock plate 1 across the shoulder, chest and hip without any twist.
- Insert lock plate 1 into the latch 2 until it sounds a click.
- Loosen a little of the safety belt and allow it to self-tension automatically.
- Press the red button to open the safety belt latch.



Secondary Controls

Hazard Switch

When the hazard switch is in used, the front and rear turning lights will flash. At the same time, the hazard switch indicator on instrument will light up.

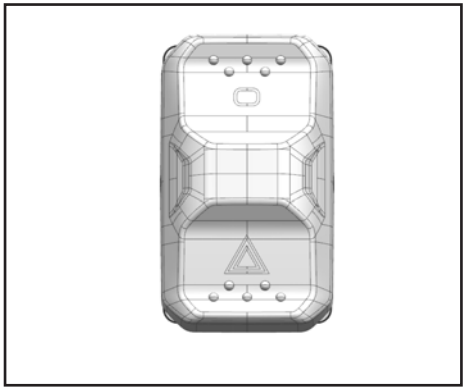
Dimmer Push Switch

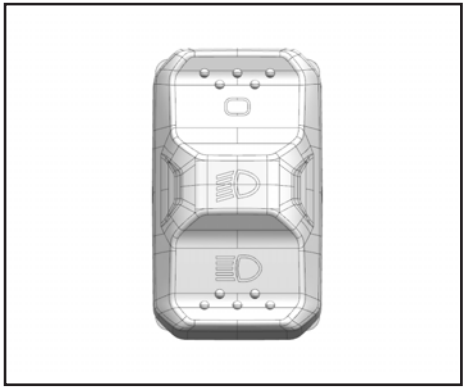
The dimmer push switch consists of 3 positions, press down the corresponding buttons according to the following functions:

○	When the switch is on this position, all the lights are off.
	When the switch is on this position, position light(If equipped)/tail light, low beam are on.
	When the switch is on this position, position light(If equipped)/tail light, low beam and high beam are on.

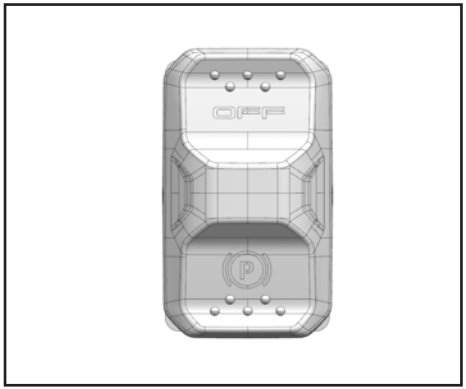
⚠NOTE
Before operates the headlight, please ensure that the vehicle is powered on.

⚠ CAUTION
Do not use the headlights with the vehicle is powered on for more than 15 minutes. The battery may discharge to a point that the starter motor will not operate properly. If this should happen, remove the battery and recharge it.





EPB (Electronic Park Brake) Switch



EPB System Operation:

Operate EPB manually

When the vehicle is powered on/engine is started, the vehicle's EPB is not enabled and is in an idle state. Press the switch '(P)', EPB will operate the park automatically, the parking indicator '(P)' on the dashboard will be on.

Release EPB manually

When the vehicle is powered on/engine is started, the EPB is enabled, put the transmission into gear, but not gear 'P', pedal down the brake, press 'OFF', EPB will be released automatically. The parking indicator ' (P) ' will be off.

Release EPB automatically

When the vehicle is started and EPB is enabled, put the transmission into gear forward/reverse, pedal down the throttle, EPB will be released automatically, the parking indicator ' (P) ' will be off.

EPB is activated when in P gear

When the vehicle is powered on/engine is started, the vehicle is not enable the park function and is in an idle state, to put the transmission into P gear, EPB will be activated automatically, the parking indicator ' (P) ' will be on.

EPB will be on when vehicle is off

When the vehicle is powered on/engine is started, the vehicle's EPB is not enabled and is in an idle state. When the vehicle is off, EPB will be activated automatically.

EPB function while riding

When riding the vehicle and the speed meets the requirements (speed $>$ 3 Mph [4 Km/h] or speed ≤ 19 Mph [30 Km/h]), long press EPB '  ' and keep pressing it, which will provide a certain brake force and reduce the speed.

NOTE: It is recommended that to pedal down the brake while reduce the speed is in need instead of EPB. If the speed ≤3 Mph (4 Km/h) or speed >19 Mph (30 Km/h), this function cannot be used.

Release the EPB to perform the service **(Manually Mode/Diagnostic mode)**

Manually Mode

When vehicle is powered on, the vehicle is at an idle state while at 'P' gear and EPB is enabled. Long press the upper part of EPB 'OFF' for 10~15 s, and then release the EPB, press 'OFF' again in 3 seconds, EPB will be released to operate service.

Diagnostic mode

When the vehicle is powered on, the vehicle is at an idle state while at 'P' gear and EPB is enabled. By diagnostic tool to send a request to EPB controller to perform the service.

NOTE: It's normal to have the noise from the motor of the rear wheel edge when perform/release the EPB function.

It is normal for the EPB motor to operate for a longer period of time when performing the service. During the maintenance period, other functions of the EPB cannot be used. If you exiting this function requires the vehicle to be powered on again. After the vehicle is re-connected, the EPB system will automatically perform the Park → Release → Park function, which is used to adjust the internal structure of the EPB calipers to return to the parked state.

EPB Failure Mode Function

When the vehicle is powered on and in park state, if the brake signal failure/ throttle pedal signal failure/ network disrupted, long press EPB release switch 'OFF' > 5 seconds, EPB operate release. The park indicator '(P)' is off.

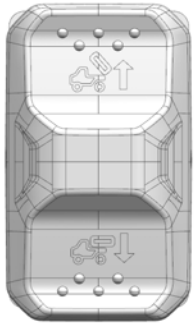
NOTE: When the brake signal failure/ throttle pedal signal failure/ network disrupted, other methods cannot release the park, this method can help to release. This function can be used if this three situations happened.

⚠CAUTION
When the vehicle has hauling, heavy loading or park on a big slope, you cannot rely solely on the transmission park function. It is necessary to use the electronic park function and place a limit block in the downhill direction (not provided with the vehicle) or rock to block the wheels to prevent the vehicle from rolling. It is recommended that park the vehicle on the level ground. The vehicle cannot be driven without the electronic parking being disengaged.

NOTE: If the battery fails, the electronic parking brake does not work. For safety reasons, if the parking brake has not been enabled, stop the vehicle and place a limiting block (not provided with the vehicle) or rock to block the wheels to prevent the vehicle from rolling. Contact an authorized CFMOTO dealer as soon as possible. Before leaving the vehicle, make sure that the parking brake is enabled: the indicator on the instrument and the indicator on the parking button are illuminated.

Hopper Switch

	When the vehicle is powered on or the engine is started, long press the arrow on the switch“  ” to open the cargo box. Loose the switch until it is not raised.
	When the vehicle is powered on or the engine is started, long press the arrow on the switch “  ” to close the cargo box. Loose the switch until it does not descent.



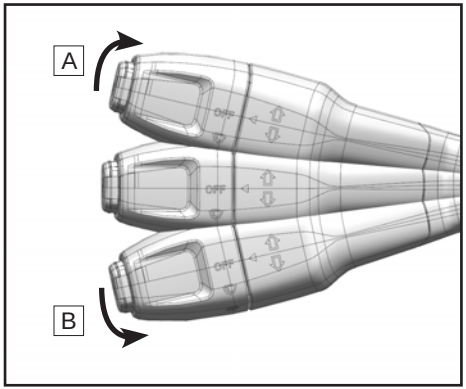
⚠NOTE
During the raising and falling, the cargo box will suspend when you lose the button.

⚠WARNING
Do not unload on the uphill roads, which will easily cause the topple or overturn. Always unload on a flat and level ground when parking the vehicle safely and stably. Before pressing down the hopper switch, watch the environment around. To ensure meet the unloading requirement (such as there are no people around, etc) during unloading.

Combination Switch

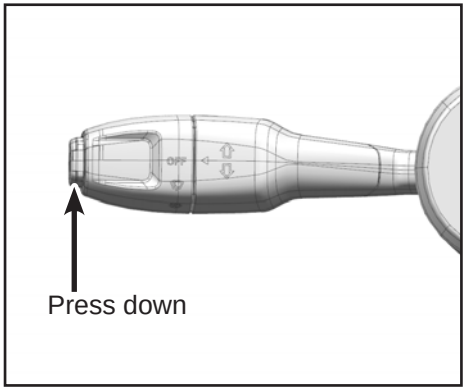
Turning Lights

⇧	Follow the arrow A to toggle the combination switch, when beyond the point of resistance, the right turning light is flashing. The indicator is flashing on the instrument, toggle the combination switch in reverse, the right turning light is turned off.
⇩	Follow the arrow B to toggle the combination switch, when beyond the point of resistance, the left turning light is flashing. The indicator is flashing on the instrument, toggle the combination switch in reverse, the left turning light is turned off.



Horn Switch

	Press the icon switch to sound the horn. Loose the icon switch to off the horn.



CONTROLS AND FEATURES

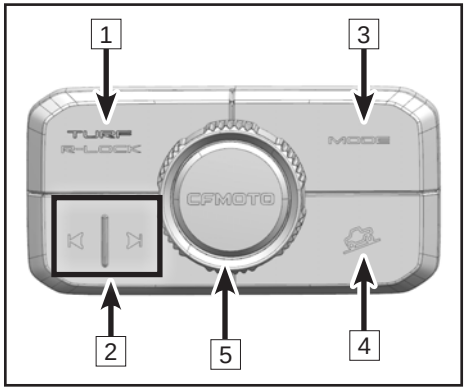
Function Switch

Rear Gear Differential Switch(TURF / R-LOCK)-1

Taking 2WD switch'' as example, press button (1) to turn on the 2WD rear gear differential-LOCK mode, the indicator '' light on. When the rear gear case locking, both rear axles are locked together and rotate the rear wheel at the same speed to provide the maximum rear wheel traction. Turning effort and wear tire will be increased on hard surfaces. Press button (1) again to release the 2WD rear gear differential-LOCK mode. (If the mode not be released, the indicator ' ' still on, put the forward gear and move forward slowly. At the same time, swing steering left and right gently, which can help the rear gear inner fork assy and drive clutch cover is properly engaged until the 2WD indicator ' ' light on).

Up and down button kit- 2

When the multi-media is played, press '' to shift the previous song or previous radio station. Press '' to shift to the next song or radio station. When calls coming, press '' to reject/hang up the calls,press '' to pick up the calls.



Drive Mode Switch（MODE）- 3

Press button 3 can switch the mode between 'WORK' and 'NORMAL'.

When the vehicle is in 'WORK' mode, the dashboard will shift to 'WORK' mode as well. The vehicle will have a less aggressive throttle response for smooth starts and is intended for flat trails, hard pack ground. etc. Use for light-duty riding.

⚠CAUTION
Do not use this mode for driving situations that place high load on the CVT belt. Damage may occur.

When the vehicle is in 'NORMAL' mode. The dashboard display will also shift to 'NORMAL' mode. The vehicle will have a faster throttle response.

NOTE: Use this mode for work loads, complex terrain or trails, and other driving situations that can place a high load on the CVT belt.



HDC (Hill Descent Control)- 4

Steep Hill Descent is an advanced vehicle assist feature that specializes in providing precise and intelligent braking assistance when descending steep slopes. This feature helps the driver maintain a safe and steady speed while traveling downhill.

Turn on: Before downhill, press 4 to turn on this feature(Wait until the icon is lit).

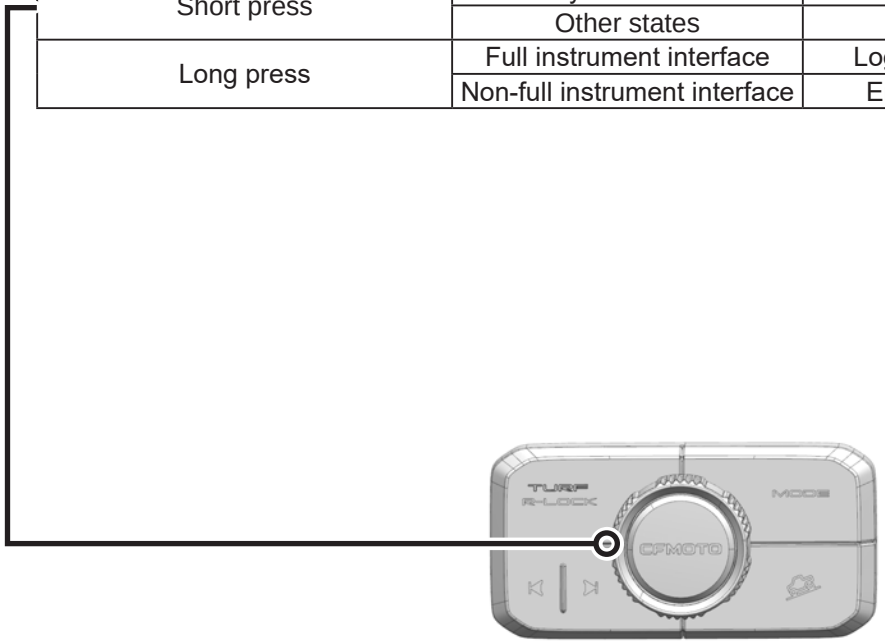
Turn off: When the vehicle is stopped completely, press 4 to turn off this feature.

⚠WARNING
HDC in used: Do not solely depend on HDC, this feature will not extend the vehicle's performance. Always keep caution on the road conditions, to ensure that drive safely. System may work improperly: The system may not used on the following road conditions, or may lead to accidents or people injury. • Slippery, muddy road • Icing road • Potholes surface (such as: gravels or uneven road)

CONTROLS AND FEATURES

Knob Switch-5

Operation	Scene	Function
Rotate to the left	Non-application center interface	Decrease the volume
Rotate to the right		Increase the volume
Short press	Play music state	Pause/play
	Other states	Invalid
Long press	Full instrument interface	Log out the full instrument interface
	Non-full instrument interface	Enter the full instrument interface

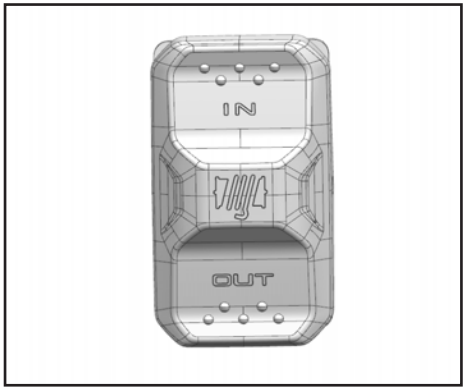


CONTROLS AND FEATURES

Winch Switch

OUT	When the vehicle is powered on or the engine started, long-press position '**OUT**'. The winch cable will extend.
IN	When the vehicle is powered on or the engine started, long-press position '**IN**'. The winch cable will retract.

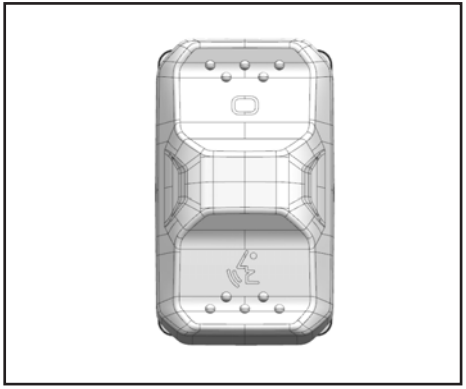
⚠DANGER
If operate the winch improperly will cause serious result, even people injury or death. Properly operate the winch, cautions of winch please refer to the 'winch operation' chapter.



VR Switch

	When the vehicle is powered on or the engine started, press this position ' ' (not on the line) to activate/turn off VR voice.(English only)
	When the vehicle is powered on or the engine started，long press this position ' ' (not on the line) to activate Siri. (Ensure that the Carplay is connected)

⚠NOTE
This function can be used after the Bluetooth helmet is connected.



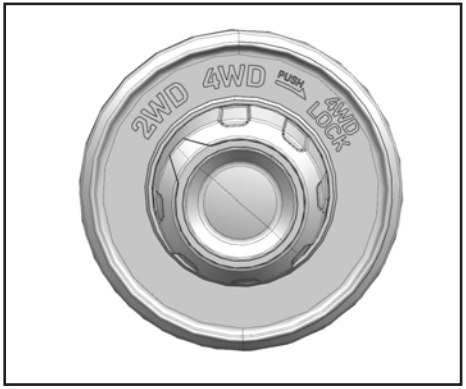
2WD/4 WD Switch

This vehicle is equipped with an on-command “2WD”/”4WD” and an optional switch of front diff-lock “LOCK”/”4WD” switch on the right upper side of the dashboard. Select the appropriate drive mode according to terrain and conditions:

2WD: When the switch is on this position, power is supplied to the rear wheels only.

4WD: When the switch is on this position, power is supplied to both front and rear wheels.

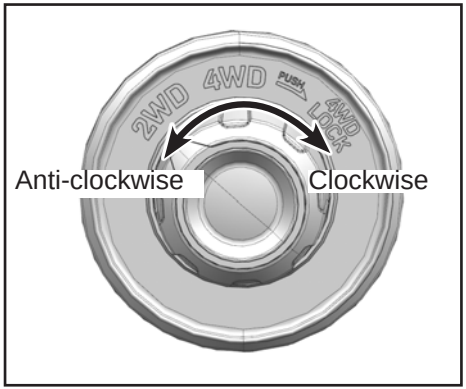
4WD LOCK: When the switch is on this position, power is supplied to the rear and front wheels and the front differential is locked. Unlike 4WD mode, the front wheel turn at the same speed.



⚠CAUTION
The vehicle must be stopped to engage or disengage 2WD/ 4WD and 4WD-LOCK. Mechanical damage may occur if the switch is engaged or disengaged while driving.

On-Command 2WD / 4WD / 4WD-LOCK Switch Operation:

Set the rear gear case differential as an example:



To shift from 2WD ' ' to 4WD: Stop the vehicle. Clockwisely turn the switch to the middle. 4WD indicator ' ' on the dashboard light up.

To shift from 4WD ' ' to 4WD front differential-Lock ' ': Stop the vehicle, press down the switch and clockwisely rotate to the right end, then the 4WD differential-Lock indicator ' ' on the dashboard light up. When the front gear case locking, the front axle and the front wheel are locked together and rotate the front wheel at the same speed to provide the maximum traction. Steering will require greater effort in 4WD-LOCK mode (Do not turning the steer sharply or apply the throttle suddenly).

To shift from the 2WD ' ' to 4WD front differential-Lock ' ': Stop the vehicle, clockwisely rotate the switch to the middle, and then press down the switch, clockwisely rotate the switch to the right end, then the 4WD differential-Lock indicator ' ' on the dashboard light up.

To shift from the 4WD front differential-Lock ' ' to 4WD ' ': Stop the vehicle, anti-clockwisely rotate the switch to the middle, if the 4WD differential-LOCK indicator ' 'light on, which means the shift is successful.

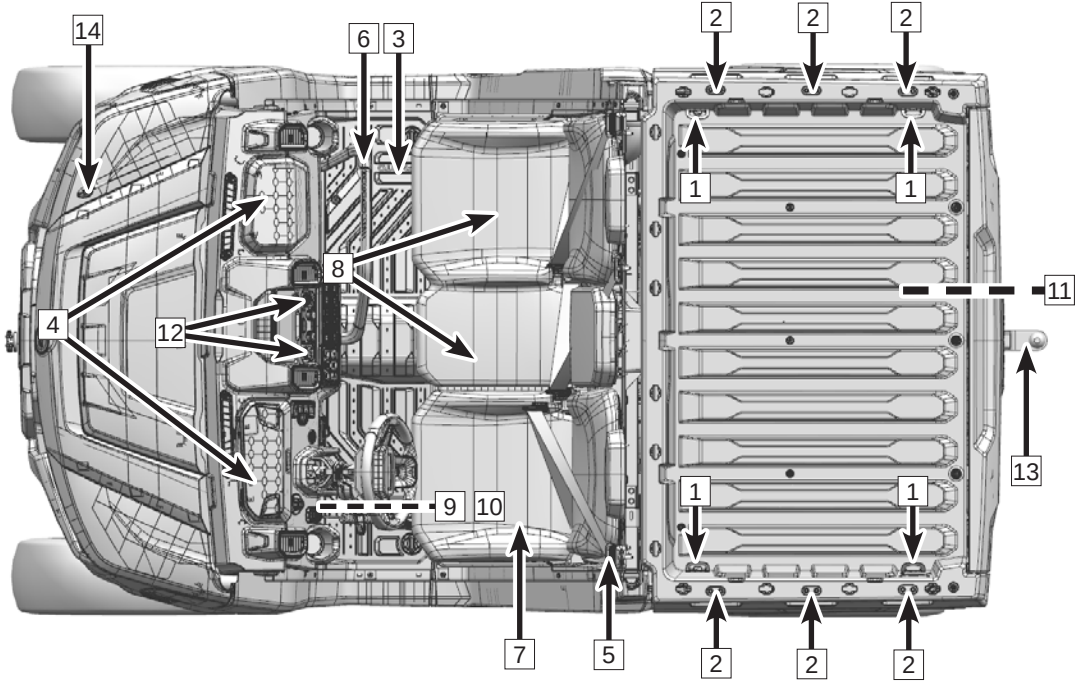
If the 4WD front differential-LOCK indicator '  ' still on, shift to the forward gear and gently pedal the throttle, move forward slowly while swing the steering wheel left and right. It can helps the front gear case inner fork assy and drive clutch cover is properly engaged until the 4WD indicator '  ' is on.

To shift from 4WD '  ' to 2WD '  ': Stop the vehicle, anti-clockwisely rotate the switch to the left end, 2WD indicator '  ' on the dashboard light up. Refer to the method shift the 4WD front differential-LOCK indicator '  ' to 4WD indicator '  ' if the 4WD indicator '  ' still on.

To shift from 4WD front differential-Lock '  ' to 2WD '  ': Stop the vehicle, anti-clockwisely rotate the switch to the left end. If shift the switch successfully, 2WD indicator '  ' will be on. If shift the switch unsuccessfully, shift to the forward gear and move forward slowly while swing the steering wheel left and right, which can help the front gear case inner fork assy and drive clutch cover is properly engaged. The front gear case will shift from the 4WD front differential-LOCK '  ' to 4WD '  ', then shift to 2WD '  '.

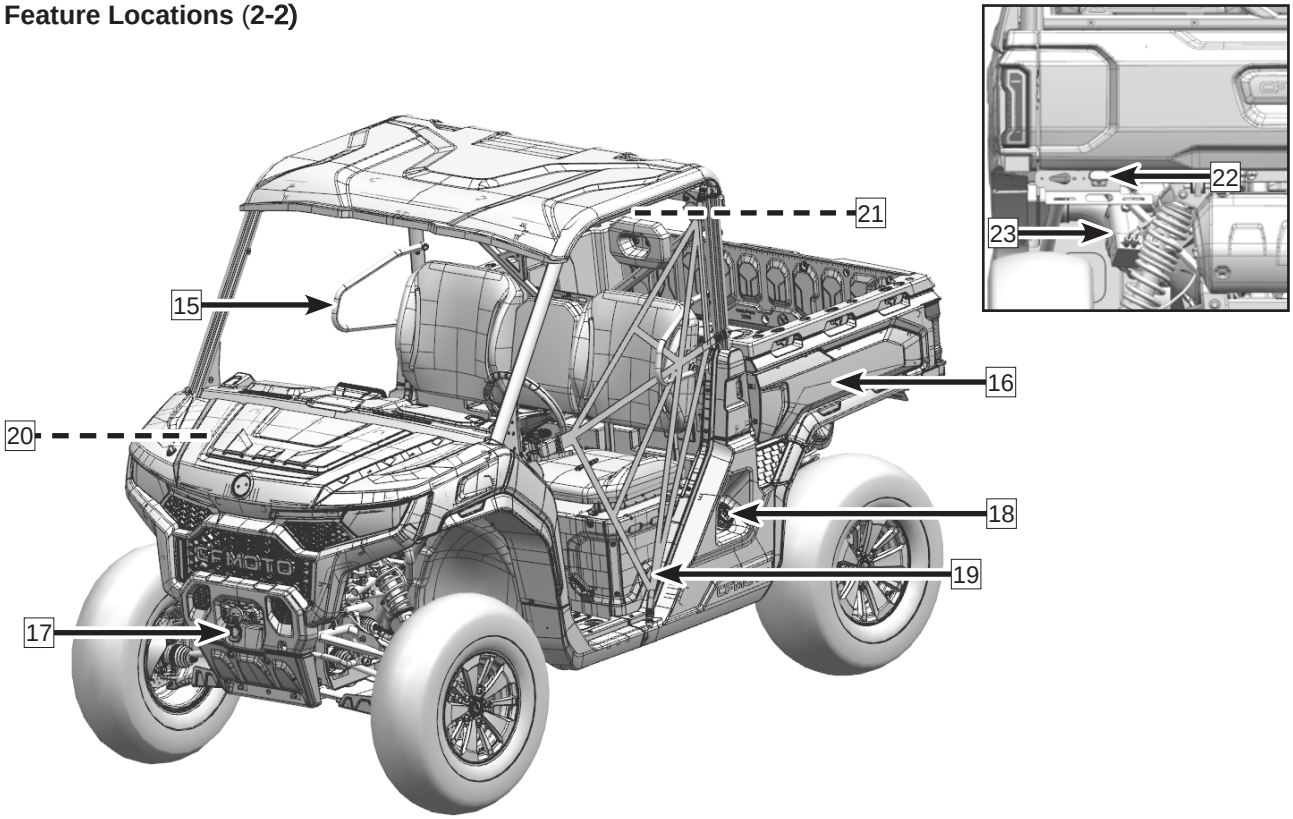
Vehicle Features

Feature Locations (2-1)



CONTROLS AND FEATURES

Feature Locations (2-2)



CONTROLS AND FEATURES

Feature Descriptions

Strap Hook - 1/Cargo box Hook - 2

Cargo box hooks and strap hooks are located at the inner side and outter side of the cargo box. Use the tie band (prepare on your own) when loading to secure cargo inside the cargo box.

Foot Pedal - 3

The vehicle is equipped with the driver's and passenger's pedals, which can place your both feet on the pedal properly and prevent injuries. It can help you keep a good position during riding. Always wear a pair of proper shoes.

Driver/Passenger Room Storage Box - 4

This vehicle is equipped with sealed storage box on the dashboard body made to carry light objects, such as cable winch controller, oil filling pipe and funnel.

Safety Belts - 5

This vehicle is equipped with safety belts to help protect the driver and passengers in the event of collisions, rollovers or tip-over to keep occupants in the cab. An indicator displays when the seat belt is not fastened

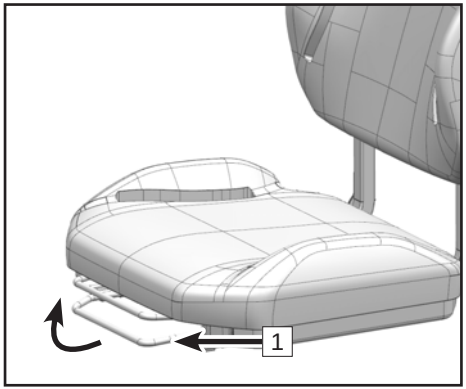
Passenger Handrail - 6

Passenger handrail located at front the passenger's seat to help the passenger to keep balance when bumping is occur.

NOTE: When carring the passenger, please tell the passenger to hold the handrail safely.

Driver's Seat Assy- 7

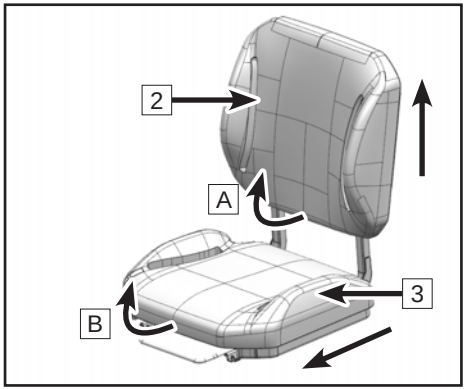
The driver's seat offers fore and aft adjustment. Follow the arrow direction to lift the handlebar [1] to unlock the left and right slides. When adjusted to the desired position, then release the handlebar to lock the seat.



The driver seat assy [2] and the driver bench seat assy [3] can be quick-released.

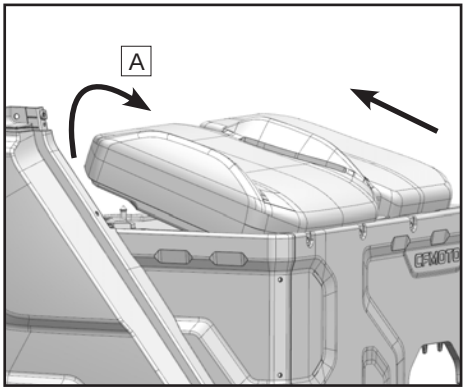
Grab the lower part of the driver backrest assy [2], follow the arrow [A] to pull up. Disengage two latches on the back of the backrest from the retaining adhesive ring on the driver seat bracket, then remove the driver backrest assy [2] upwardly.

Grab the front part of the driver bench seat assy [3], follow the arrow [B] to pull up. Disengage two latches under the cushion from the retaining adhesive ring on the driver seat bracket, then remove the driver bench seat assy [3] upwardly. (If the driver seat assy is equipped with the unattended seat alarm or cushion heating, you should unplug the patchcord. Then remove the seat assy.)



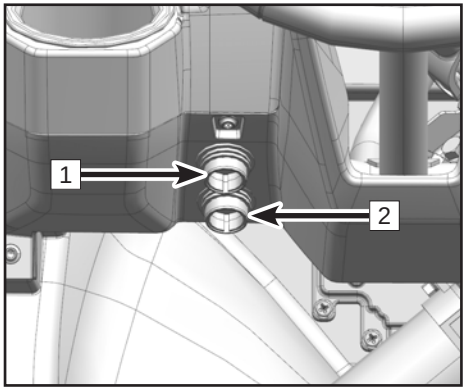
Passenger Seat Assy- 8

The passenger bench seat is not adjustable. Seat back and seat bottom can be removed when necessary for air filter element maintenance, access to fuse box. Follow the arrow [A] to grab the rear part of the passenger seat bench assy. Disengage two rubber cushions at the bottom of cushion from latch, remove the passenger bench seat assy backwardly. (If the passenger seat assy is equipped with the cushion heating, you should unplug the patchcord. Then remove the passenger seat assy.)



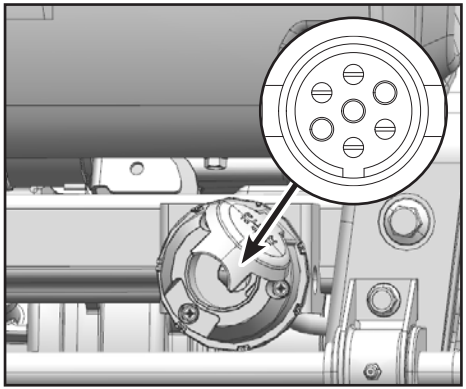
Winch Control Switch Seat - 9/Cargo Hopper Switch Seat - 10

This vehicle is equipped with a winch control switch seat [1] and a cargo hopper switch seat [2] . Both of it are located at the lower left side of the steering wheel, with a wired controller to control the "in" and "out" of the winch cable and the "up" and "down" of the cargo box.



Trailer Power Socket - 11

This vehicle is equipped with a trailer power socket, located in the behind of the vehicle, which requires a wiring adapter. The trailer power socket are configured to the standard shown in the image.



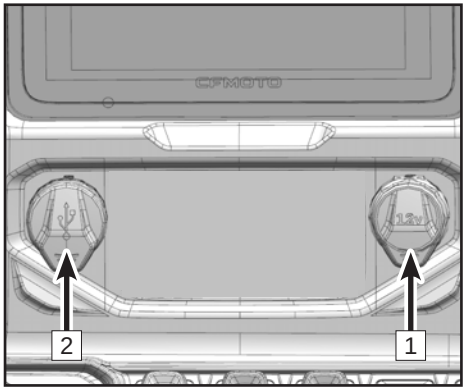
⚠CAUTION
The power range of the trailer power adapter for the trailer turning light is 1W~21W. CFMOTO recommended that to purchase a trailer within the power range to avoid the trailer turning light not working properly.

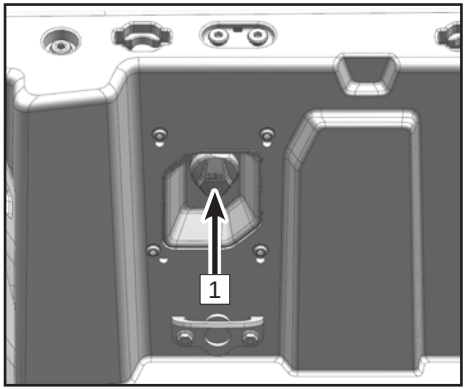
12V Power Output Seat, USB Output Seat - 12

The vehicle supplied two 12V power output seat [1] (one under dashboard, one located at left rear part of cargo box). USB output socket [2] (includes one TYPE-C connector and one USB connector, both of it are under dashboard).

12V power output seat [1] requires a 12V (Maximum 120W) adapter to plug in.

NOTE: To connect electronic equipment without the authorization by CFMOTO, such as a USB charger, which may affect the electrical system. Wireless signals may interfere with the display of the multifunction screen.





USB output socket 2: USB connector can connect digital audio equipment, e.g. U disk.

The system will send the audio files to the vehicle stereo by the port, and play the file by the speaker.

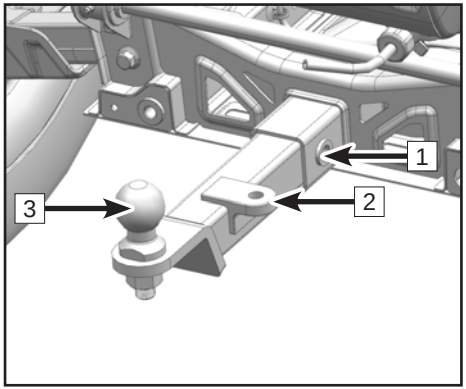
The audio files can be managed by using the knob on the multi-function switch or entering the multi-media interface, and having them displayed it on the screen.

Smartphones can also be connected to the port with data functions via programs such as CarPlay, thus allowing you can use your phone's apps on the multifunction screen.

NOTE: For ensure an optimum result, please always use the original USB cable to connect. If the electronic devices without the CFMOTO is unauthorized, such as a USB charger, it may affect the electrical system and interfere with the display of the Multi-function screen. The system will charge for the devices automatically when it connects with the USB port.

Towing - 13

This vehicle is equipped with a standard size 2 in. x 2 in. (52 mm x 52 mm) bracket connector 1 and a standard size 1.9 in. x 1.9 in. (50 mm x 50 mm) hitch ball towing bracket 2 for connect and it's matching ball head 3 . The installation method as the right image shown is for reference only please consult with your dealer the use of trailer ball head and trailers before using your vehicle.



Radio Antenna - 14

By using the car radio antenna, the vehicle is able to receive the signals from the radio station, convert them into audio, and play them through the stereo, so that the passengers can enjoy the broadcasting programs, such as music, news, entertainment, etc., while driving. Please consult a CFMOTO dealer if you acquire to install other wireless communication transmitters, to know whether the equipment meets the rules(Transmission frequency, maximum power, antenna location, installation requirements)

Shoulder Guards - 15

The vehicle is equipped with shoulder guards to help restrain the body of the driver and passenger inside vehicle.

Cargo Box - 16

This vehicle is equipped with a cargo box, which can provide the convenience when loading. This cargo box is equipped with a hydraulic lift, which can facilitate the user to unload heavy loads, work with the hopper switch to complete the lifting control of the cargo box. Refer to the safety decals on the cargo box for load information, do not exceed the maximum capacity of the cargo box.

Winch - 17

This vehicle is equipped with a 4500-lb winch, and a standard cable controller, which is placed in a storage box on the dashboard. The winch switch is located at the left lower of the steering. To preserve battery power, only operate the winch while the engine is running. Please refer to the winch operation section of this manual for further information or consult with your dealer on the use of the winch before using your vehicle.

Fuel Tank Fill Cap - 18

The fuel tank fill cap is located at the driver side of the vehicle near the driver seat. According to the configuration, if it is not equipped with a lock. To fill the tank, grasp the fuel cap firmly, then turn counter-clockwise and remove it. If does have a lock, please unlock the fuel tank cap first. Reinstall the fuel cap securely after a fuel tank fill is completed. The fuel tank capacity is 11.88 gal. (45L).

Safety Nets - 19

Side nets are provided on each side of the cab to help to protect the driver and passenger in the cab. Always attach the side nets when driving the vehicle. Make sure the four mounting points of side nets are fixed on the vehicle, and buckle the net into the lock connector.

Telematics BOX (T-BOX) - 20(If equipped)

CFMOTO vehicles are equipped with an intelligent vehicle terminal T-Box. It build the communication bridge between the owner and vehicle through CFMOTO RIED APP. Please search and download CFMOTO RIED APP.

Speaker - 21

The speaker allows the driver and passenger to enjoy the music, broadcast, and other radio content while traveling, providing an entertaining and relaxing experience. It can plays the navigation instruction, which helps the driver and passenger to receive and understand the important information and improve the quality of calls, and increase driving safety while answering the phone.

License Plate Light -22

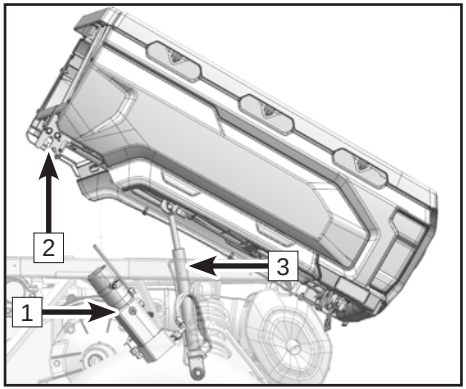
Turn on the license plate light at night or in dark conditions to illuminate the license plate。

Hydraulic Lift - 23

The cargo box is equipped with a hydraulic lift assembly that uses a hydraulic actuator to raise and lower the cargo box without leaving the driver's seat via the convenience of a dash-mounted switch.

The hydraulic lift assembly consists of an electric pump 1, lock assembly 2,and hydraulic cylinder 3, which are connected to each other by hydraulic hose.

With the vehicle power on, pressing the dashboard switch up or down starts the electric pump, sending fluid in the pump to the hydraulic cylinder and lock,which unlocks and raises the cargo box,or lowers and lock it.



Vehicle Accessories

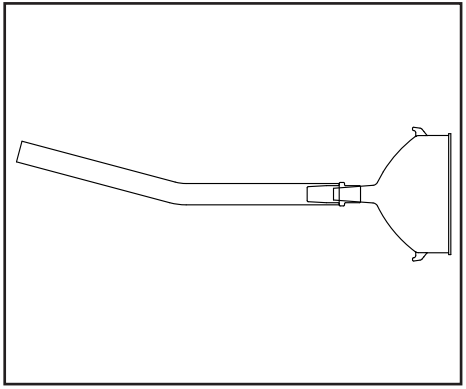
Wired Controller

This vehicle is equipped with a wired controller, it controls the 'In' and 'Out' of the winch cable and 'Up' and 'Down' of the cargo box lift mechanism when plugged into each system's appropriate power socket.



Oil Fill Funnel and Hose

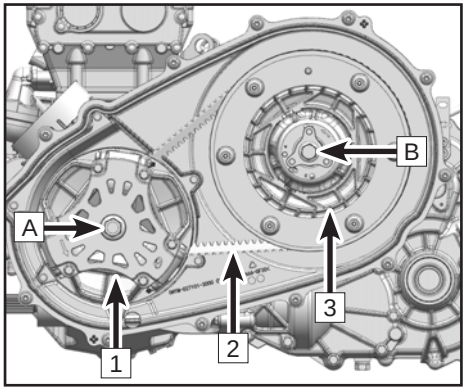
This vehicle is equipped with an oil fill funnel and hose for maintenance, which are stored in storage box on the dashboard.



CVT System

This vehicle has a Continuously Variable Transmission (CVT) system that utilizes a drive belt and pulleys to automatically vary transmission drive ratios, allowing infinite variability between the highest and lowest vehicle speeds with no discrete steps or shifts.

The CVT system consists of a drive pulley (1), driven pulley (3) and drive belt (2).



The drive pulley (1) is mounted to the engine shaft (A). The drive pulley (3) is mounted to the input shaft of the transmission (B) and serves two functions; As a “slave” pulley to the drive pulley (1), and to provide a torque sensing element that shifts drive ratios. The drive belt (2) is a heavy duty V-belt that connects the drive pulleys (1) and driven pulleys (3).

A CVT housing and cover encloses the pulley and belt assembly. There are inlet and outlet cooling ducts that route air to cool the components, and they should be regularly inspected. The CVT components do not contain any user maintenance items. Contact your dealer for service.

Engine Braking System (EBS)

This vehicle is equipped with an engine braking system. Which occurs when the throttle is completely closed, the vehicle starts the engine braking function, and the vehicle is at speed. It uses the engine's compression/ resistive force to slow the over-driving transmission speed via the CVT drive belt, thereby slowing the entire vehicle gradually.

Engine braking is always active, and offers the most benefit when:

Used in conjunction with 4WD and 4WD Diff-Lock Modes.

Descending steep or slippery hills.

Descending rocky downhill terrain.

Slowing while towing heavy loads.

Assisting normal brake system application.

EBS is not a substitute for the vehicle brake system, although increased brake pad and disc life are realized when EBS assists normal brake system operation. The EBS is non-adjustable, and does not contain any user maintenance items. Contact your dealer for service.

How To Avoid CVT Drive Belt Failure

CVT belt life can be dramatically extended by avoiding these common operating mistakes:

Causes CVT damage:	Solution:
Attempting to load the vehicle onto a truck bed or tall trailer in high gear.	Shift transmission to low gear during loading of the vehicle to prevent belt burning.
Climbing the steep inclines	When starting out on steep inclines, use low gear or get off from the vehicle (After the first use of the brake) and follow the K steering procedure to operate.
Constant driving at low RPM, driving at just above clutch engagement RPM,(approximately 3mph~7mph [5km/h~10km/h])	Low gear is highly recommended for cooler CVT operating temperatures and longer component life. Drive at a higher speed or use low gear more frequently.
Insufficient warm-up of AVT exposed to low ambient temperatures	Warm the engine before driving, the CVT drive belt will become more flexible and prevent belt burning.
Towing/pushing at low RPM/low ground speed.	Use low gear only.
Utility use/plowing snow, dirt, etc.	Use low gear only.
Heavy vehicle load operating at low speed	Use low gear only.
Stuck in mud or snow.	Use low gear only.
Climbing over long slope from a stopped position.	Use low gear only.
Belt slipping from water or snow ingestion into the CVT system.	Shift the transmission to low gear. Turn on throttle, increase the engine RPM from idle state to fully throttle. Repeat it for several times, and do not using the throttle over 10 seconds. If the leakage happens frequently, please inspect the sealed parts whether for damaged.

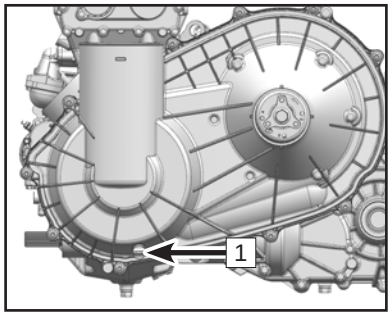
What to do if water collects in the CVT housing

If the vehicle was submerged in water deep enough that water has entered the CVT housing, remove the drain bolt (1) at the bottom of the housing to drain the water from the case.

⚠ CAUTION
If water drains from the CVT housing after removing the bolt, have your dealer inspect the vehicle, as water may have affected the CVT system and other engine parts.

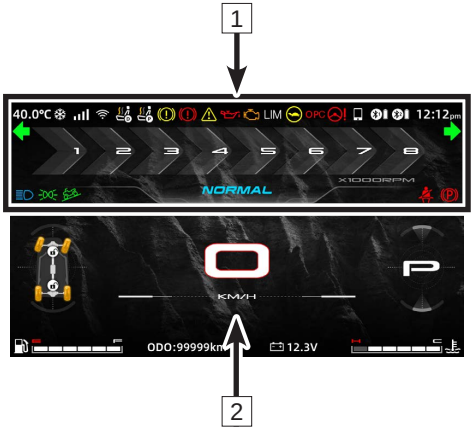
Drying a Wet CVT System

If the CVT system was submerged and the drive belt is slipping, any remaining moisture inside the CVT housing after draining can be expelled by running the engine above 2500 RPM in Park or Neutral for 30~60 seconds, then testing for proper CVT function in low gear. Repeat as necessary. If the CVT system continues to slip or have poor performance, contact your dealer.



INSTRUMENT

NOTE
With function adjustment and version updates of the instrument and renewed vehicle configurations, some contents of the instrument may change, please selectively refer to this chapter according to your car.



Instrument

The instrument is mounted at the front side of the middle passenger's seat and divided into two function areas:

1: Instrument Indicators and Warning Indicators

2: Instrument Display

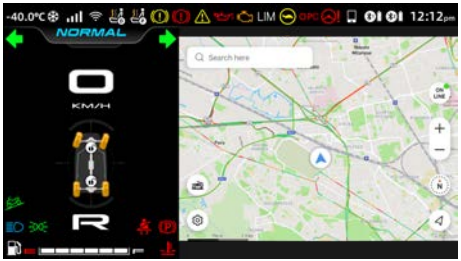
Activation and Testing

Activation

The instrument is activated synchronously when the motorcycle is powered on.

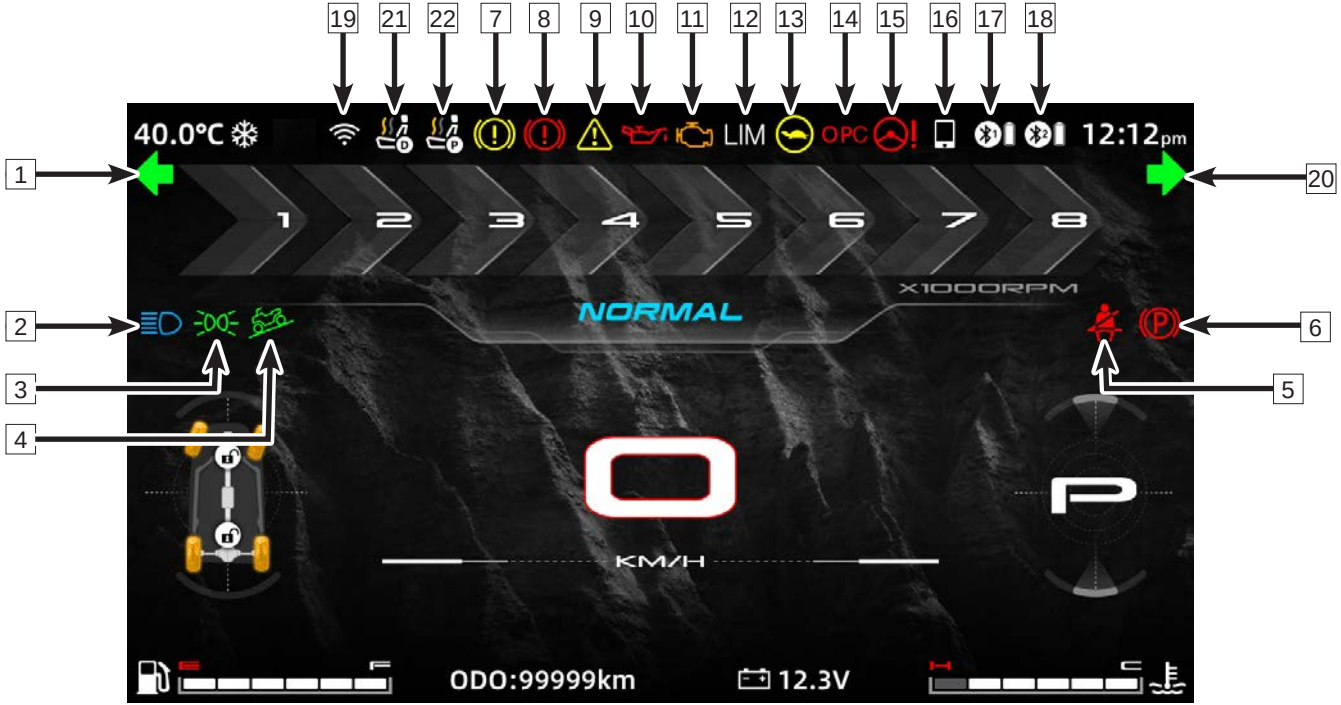
Testing

The display screen shows a startup cartoon and the indicator light is turned on for self-inspection and at this time, click the screen or operate the knob will not respond until the cartoon is over. Following the display will switch to the split screen mode automatically.



CONTROLS AND FEATURES

Dashboard Indicators and Warnings



CONTROLS AND FEATURES

1	LH Turning light	9	Warning Indicator	17	Bluetooth Device 01 connection Indicator
2	High Beam Indicator	10	Oil Pressure Signal Indicator	18	Bluetooth Device 02 connection Indicator
3	Position light indicator	11	EFI/Engine Fault Indicator	19	WIFI Indicator
4	DAC Indicator	12	Speed Limit Indicator(If equipped)	20	RH Turning light
5	Seat belt warning light	13	Power Limited Indicator(If equipped)	21	Heating Indicator for driver's seat (If equipped)
6	Parking Brake Indicator	14	OPC Indicator	22	Heating Indicator for passenger's seat (If equipped)
7	Park Brake Malfunction Indicator	15	EPS Fault Warning Indicator		
8	Brake Fault Indicator	16	Cellphone Connection Indicator		

LH Turning light- 1

This indicator illuminates when the LH turning light switch is in this position.

High Beam Indicator - 2

This indicator illuminates when the high beam indicator switch is in this position

Position light indicator - 3

This indicator illuminates when the position light indicator switch is in this position

DAC(Downhill assist control) Indicator - 4

Press DAC button, turn on the DAC function, the indicator is on.
When the rider decreases the speed in a proper range during downhill, the DAC function starts to work and

controls the speed within a safe range.

Seat belt warning light - 5

This indicator displays when the seat belt is not fastened. When latch plate is not pushed into the buckle, indicator on the dashboard will be on, and limit the RPM range within 3700 RPM; When the latch plate is pushed into the buckle,indicator on the dashboard and speed-limit function will be off.

Parking Brake Indicator - 6

This indicator displays when parking brake function is activated.

Park Brake Fault Warning Indicator - 7

This indicator displays when a park brake fault occurs. Please have your vehicle serviced.

Brake Fault Warning Indicator - 8

This indicator displays when brake fluid level is low.

Warning Indicator - 9

This indicator displays when BCM fault occurs.

Oil Pressure Signal Indicator - 10

If Oil Pressure Signal Indicator is on. There might be something wrong with the oil system. Please have your vehicle serviced.

EFI Fault Indicator - 11

This indicator displays when a fault occurs in the Electronic Fuel Injection system.

Speed Limit Indicator - 12(If equipped)

When this function is activated (refer to instrument chapter), the indicator will be on.

Power Limted Indicator - 13 (If equipped) (Vehicles need to be equipped with T-BOX)

Use the CFMOTO RIDE APP (T-BOX APP) to activate the beginner mode. When this mode is started, the indicator will be on, the speed will be limited to under 25 mph (40km/h) or 37 mph (60km/h).

OPC Indicator - 14

Occupant Presence Control. This indicator displays if the driver left vehicle without parking. Buzzer will sound at the same time.

EPS Indicator - 15

This indicator light flashes when the EPS system works but the power is not activated or a fault occurs in the Electronic Power Steering system.

Cellphone Connection Indicator - 16

This indicator light flashes when the cellphone is connected with the instrument via the Bluetooth.

Bluetooth Device 01 connection Indicator - 17 / Bluetooth Device 02 connection Indicator- 18

When the Bluetooth is connected to the instrument via Bluetooth (Maximum to connect two Bluetooth devices at the same time), the indicator ' ' ' ' will be on and display the remaining power of the Bluetooth device. The indicator will turn to red ' ' ' ' when the Bluetooth device's battery about to run out. This indicator light ' ' ' ' indicates that the Bluetooth device is connected only and cannot read the remaining power of the device. Please have your vehicle serviced.

WIFI Indicator - 19

When the vehicle is connected with WIFI, the WIFI signal strength will display on the dashboard.

RH Turning Light - 20

This indicator illuminates when the RH turning light switch is in this position.

Heating Indicator for driver's seat - 21 (If equipped)

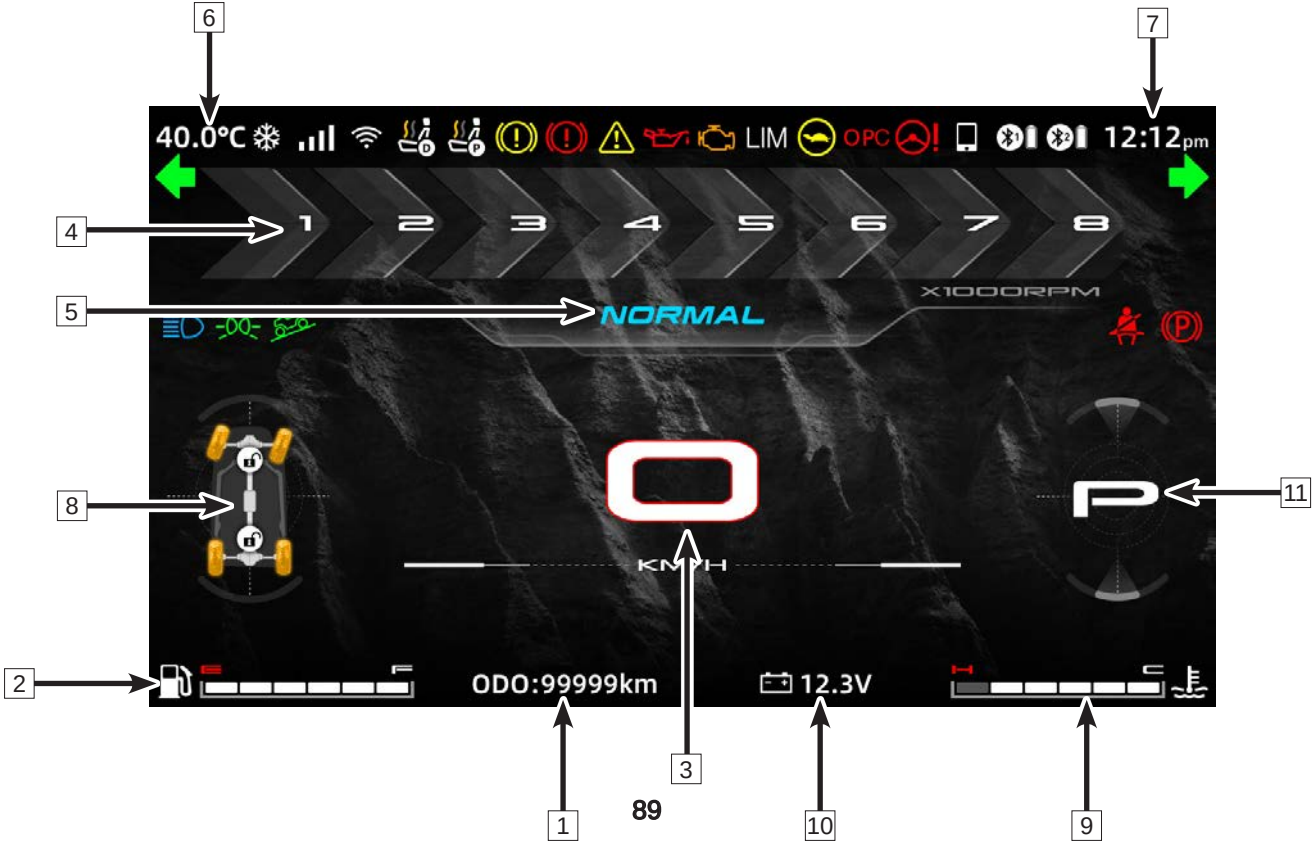
When the heating function for the driver's seat is turned on, the indicator will be on.

Heating Indicator for passenger's seat -22 (If equipped)

When the heating function for the passenger's seat is turned on, the indicator will be on.

CONTROLS AND FEATURES

Dashboard Display



CONTROLS AND FEATURES

1	Odometer	3	Speedometer	5	Mode Display	7	Clock	9	Coolant Temperature	11	Gear Display
2	Fuel Gauge Indicator	4	Engine RPM	6	Ambient Temperature	8	Drive Method	10	Voltage Display		

Odometer - 1

Displays the total mileage or trip mileage the vehicle has traveled.

Fuel Gauge Indicator - 2

Indicates the fuel level in the fuel tank. When the fuel gauge approaches 'E', it indicates the lower of the fuel in the fuel tank.

Please arrange the trip properly when approaching the limits, and replenish it in time, which may cause to damage the fuel bump.

Speedometer - 3

The current speed per hour is displayed here.

Metric km/h and British mph can be switched through the menu.

Engine RPM - 4

The current RPM is displayed here.

CONTROLS AND FEATURES

Mode Display - 5

Display the selected mode “WORK” or “NORMAL”. When switching the mode, the instrument interface will change at the same time.

Ambient Temperature Display - 6

The current temperature is displayed here. Celsius and Fahrenheit can be switched through the menu. An icing warning will appear when the ambient temperature is below 5^{o}C for a long time, and it means that risks of slippery roads will increase

Clock - 7

The current time is displayed here. Switch between 12 hours and 24 hours through the menu.

Drive Method - 8

It indicates 2WD, 4WD or 4WD-LOCK drive method chosen.

Coolant Temperature Display - 9

This dashboard section displays the current coolant temperature, ‘C’ is low temperature, ‘H’ is high temperature. Both over-low and over-high are abnormal. Idle the vehicle to warm the engine when it’s too cold, and park the vehicle when it’s too hot to prevent the coolant from boiling. Keep the coolant temperature in a normal range.

Voltage Display - 10

The current voltage is displayed here

Gear Display - 11

When gearshifting, the indicator displays low gear (L), high gear (H), neutral (N), reverse (R) or parking (p).

Instrument Menu

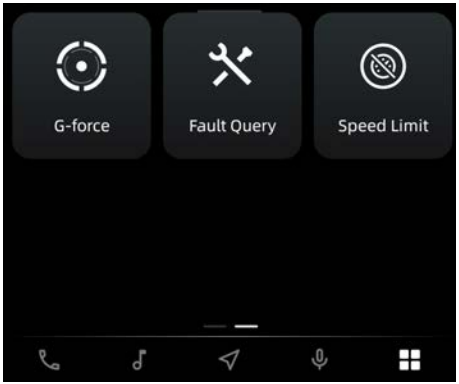
Adjust the related setting on the dashboard to optimize the driving experience.

⚠WARNING
For safety reasons, the function of instrument operation is only allowed when the motorcycle is stopped and the vehicle is in safe circumstance.

Touch the icon '  ' on the dashboard to enter the application interface. On the application center interface, users can inspect, adjust and set the following items:

1. Multimedia
2. Navigation
3.Telephone
4. Phone Co.
5. Setting
6. VIP center
7. G-force
8. Fault center
9. Speed Limit(If equipped)





Multi-media - 1(2-1)

On the multi-media interface, user can select their desired sound source (Radio or Bluetooth music).

NOTE: Before playing music, ensure that the cellphone is connected to the vehicle system via Bluetooth.

Turn on the cellphone music app;

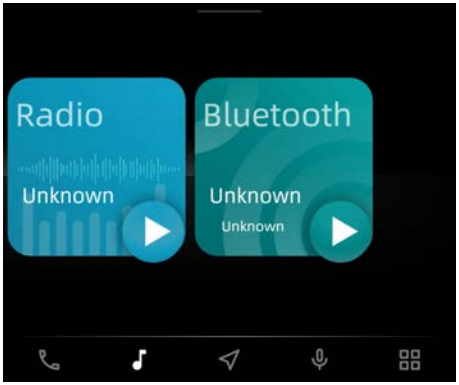
: Click the icon to enter the Multi-media interface.

Select the sound source, for example, to select the Bluetooth music to play song.

: Click this icon or operate the function knob to switch to the prior song.

: Click this icon or operate the function knob to switch the next song.

/ : Click this icon or operate the function knob to play/ pause the music.





CONTROLS AND FEATURES

Multi-media - 1（2-2）

On the multi-media interface, user can turn on the radio to receive and listen the music, News and entertaining broadcast, etc.

 : Click this icon to enter the Multi-media interface.

Select the radio, to listen the broadcast program.

 : Click this icon or operate the function knob to switch to the prior radio program.

 : Click this icon or operate the function knob to switch to the next radio program.

 : Click this icon or operate the function knob to play/pause the radio program.

 : Click this icon to favorite the radio station

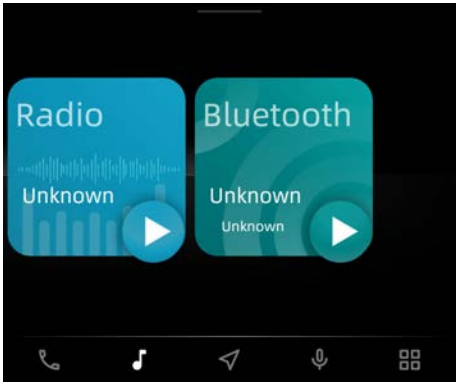
 : Click this icon to search the waveband automatically



: Click FM/AM to modify the waveband.

NOTE: The electronic device without authorization by CFMOTO will interfer with the signal received, such as: USB charger.

The external environment(such as mountains, buildings, tunnels, and underground parking lots) may influence the signal received. This phenomenon is caused by the broadcast way of the wireless waveband, which does not indicate that the radio has a fault occurs.





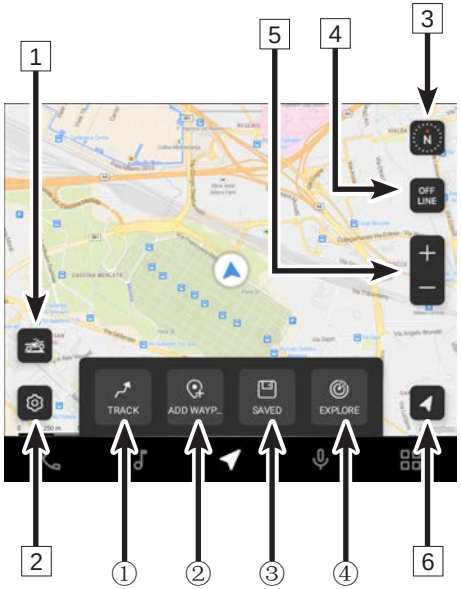
Navigation - 2

Through the instrument menu to project the navigation.

: Click this icon to enter the navigation interface.

The following functions can be selected when on the navigation interface.

<table>
<tr><td rowspan="4">1</td><td rowspan="4">Off-road function (Click here, the off-road function menu will pop up)</td><td colspan="3">① Track record</td></tr>
<tr><td colspan="3">② Marked locations</td></tr>
<tr><td colspan="3">③ Saved itenary and locations</td></tr>
<tr><td colspan="3">④ Shared itenary and locations from other users</td></tr>
<tr><td>2</td><td>Map setting</td><td>3</td><td colspan="2">Compass</td></tr>
<tr><td rowspan="2">4</td><td rowspan="2">Switch between the OFF LINE and ON LINE mode</td><td rowspan="2">5</td><td>+</td><td>Zoom in</td></tr>
<tr><td>-</td><td>Zoom out</td></tr>
<tr><td>6</td><td>Back to my location</td><td></td><td colspan="2"></td></tr>
</table>



⚠WARNING
Navigation features only assist the driver. Always stay cautious, aware, and operate with a sense of responsibility. Follow all traffic rules and regulations while using the navigation information and controlling the vehicle.

NOTE: Ensure that the WIFI is connected before using the online navigation function. (5G Hz only)

Telephone - 3

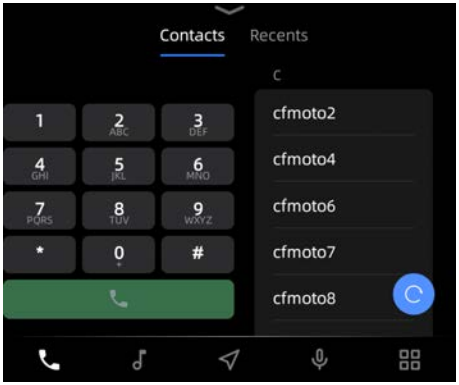
On the telephone interface, user can check the contacts, recent calls, contact record, and dial the number.

NOTE: before using the telephone, the equipment must be correctly connected, and the phone helmet should be connected to the vehicle system.

 : Click this icon to enter the telephone interface.

Enter the telephone interface to check the contacts, contact record and recent calls.

⚠WARNING
Do not use the telephone functions during riding.
During riding, even Bluetooth headsets or in-car phone systems may distract attention and slow reaction.
Please park safely if you have an urgent situation to pick up the phone.



Phone Co. - 4

Projection can be realized by the Carplay with the wireless connection.

Pairing the Bluetooth (refer to the instrument equipment) first if your cellphone not be connected with system before.

If the Bluetooth has been connected when you turn on the cellphone Bluetooth, the system will search for the connected Bluetooth ID automatically and shows it in the equipment list, you can click it to connect.

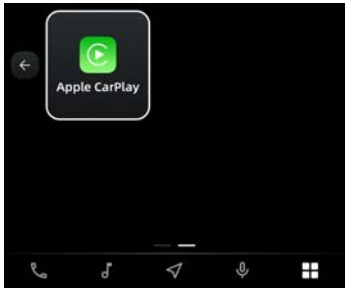
Click this icon '  ' to enter the application center.

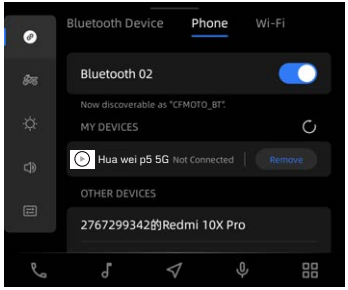
Click this icon '  ' to enter the setting.

Click this icon '  ', and click 'connect the cellphone', enter the 'connect the cellphone' interface.

Click the left side CarPlay icon '  ' from the 'paired equipment' to project.







Setting - 5

In the instrument settings, riders can adjust and set the following contents:

5.1. Equipment Connection

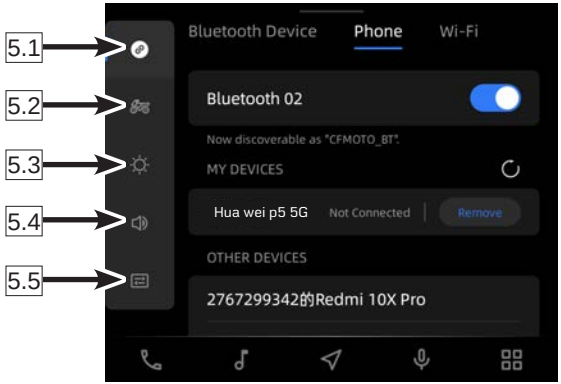
5.2. Intelligent Desktop Switching

5.3.Brightness Control Adjustment

5.4. Volume Adjustment

5.5. General Setting





Equipment Connection - 5.1

Bluetooth Equipment - 5.1.1

Navigation, telephone calls and music functions can be used after the Bluetooth equipment (e.g. Bluetooth earphones) is connected to the vehicle system via Bluetooth.



Follow these steps to connect the equipment:

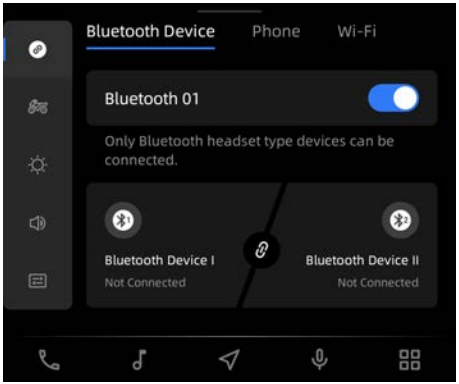
Ensure that the Bluetooth is turned on before the connection.

Click the icon ' ' or to enter the application center.

Click the icon ' ' or to enter Setting.

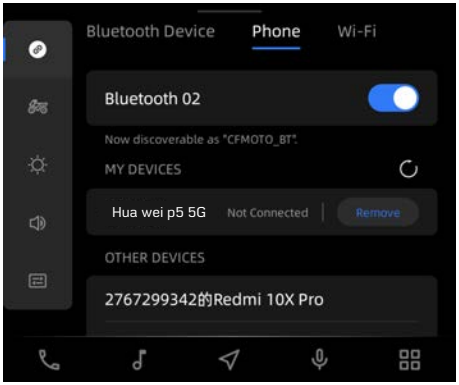
Click the icon ' ', click the 'Bluetooth Equipment', and click the icon ' ' to turn on the switch (This function is turned on by fault when vehicle is powered on each time, and you need to turn on this function manually if you turn it off manually). Click the Bluetooth Equipment 1 or the Bluetooth Equipment 2, the vehicle system will search for the available Bluetooth ID automatically.

Click your needed Bluetooth ID to connect.



Connection - 5.1.2

Navigation, telephone calls and music functions can be used after the telephone is connected to the vehicle system via Bluetooth.



Follow these steps to connect the equipment:

Ensure that the Bluetooth is turned on before the connection.

Click the icon ' ' or to enter the application center.

Click the icon ' ' or to enter Setting.

Click the icon ' ', click the 'Telephone Connection', and click the icon ' ' to turn on the switch (This function is turned on by fault when the vehicle is powered on each time, and you need to turn on this function manually if you turn it off manually). The vehicle system will search for the available Bluetooth ID automatically.

Click your needed Bluetooth ID to connect.

The instrument screen and your phone will pop up a window to mate.

After the connection is successed, you can see the 'Connected' shows up.

Disconnection

If the equipment is connected, click the word 'Connected', then the word will change to 'Disconnecting' during the process, until the word change to 'Disconnected', the equipment is disconnected.

Clear the equipment

In the 'Connection' or 'Disconnection' conditions, click 'Clear' the equipment', the Bluetooth equipment will be disconnected and the current Bluetooth ID will be removed as well.

Wi-Fi - 5.1.3

The vehicle system can be connected to the external Wi-Fi to ensure the upgrade works well.

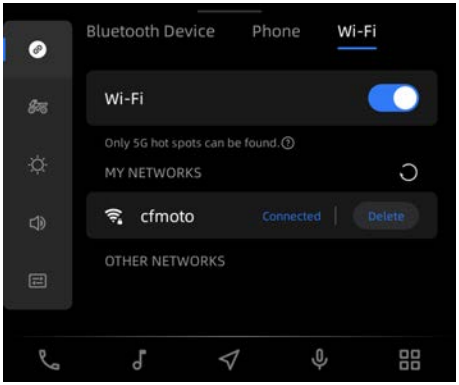
Click the icon '  ' to enter the application center.

Click the icon '  ' to enter Setting.

Click the icon '  ', click the 'Wi-Fi', and click the icon '  ' to turn on the switch (This function is turned on by fault when the vehicle is powered on each time, and you need to turn on this function manully if you turn it off manually). The vehicle system will search for the external Wi-Fi ID automatically.

Click your wanted external Wi-Fi ID to connect.

After the Wi-Fi ID is connected, 'Connection' will appear.



Disconnection

If the equipment is connected, click the word 'Connected', then the word will change to 'Disconnecting'. The word will change to 'Disconnected' until Wi-Fi is completely disconnected.

Delete

In the 'Connection' or 'Disconnection' conditions, click 'Delete', the Wi-Fi will be disconnected and the current Wi-Fi ID will be removed as well.

NOTE: Wifi is linked with the 5G Hz only.

Intelligent Desktop Switching - 5.2

When the intelligent desktop is turned on, the system will switch to the navigation interface for you at a proper time.

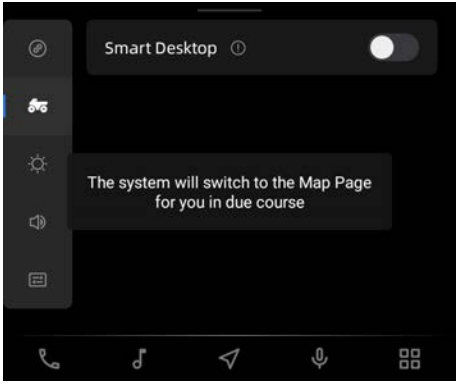
Click the icon '  ' to enter the application center.

Click the icon '  ' to enter Setting.

Click the icon '  ' to enter the intelligent desktop to switch the interface.

Click the icon '  ' to turn on or off the intelligent Desktop Switching.





Brightness Control Adjustment - 5.3

Manually adjust the brightness of the instrument, or turn on the instrument automatically adjusts function (When the automatic adjustment is turned on, the photosentive sensor will adjust its brightness of according to the external environment light).

Click the icon ' ' to enter the application center.

Click the icon ' ' to enter Setting.

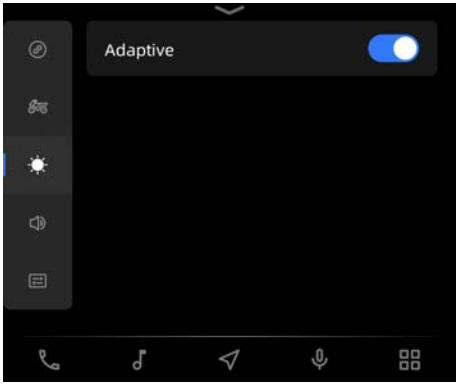
Click the icon ' ' to enter the brightness control adjustment interface.

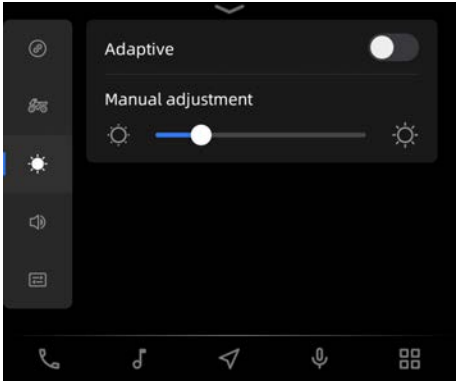
Click the icon ' ' to turn on or off the automatic adjustment.

After turning off the automatic brightness adjustment, the brightness can be adjusted manually.

Press the brightness adjustment column to the right, the brightness is increased.

Press the brightness adjustment column to the left, the brightness is increased.





Volume Adjustment - 5.4（2-1）

In the volume settings, riders can adjust the following contents:

Media volume

Telephone volume

Sound volume

Ring tone volume

Navigation volume

Click the icon '  ' to enter the application center.

Click the icon '  ' enter Setting

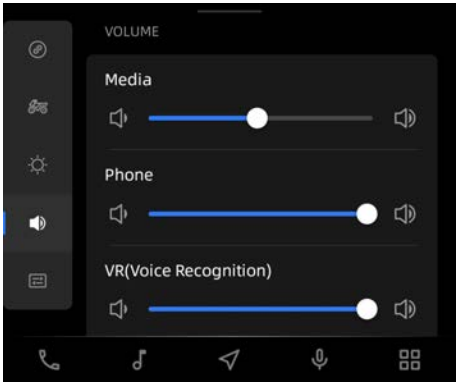
Click the icon '  ' to enter the volume adjustment interface.

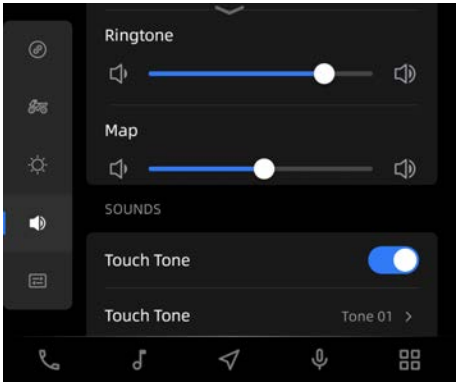
Select your wanted volume.

Press the volume adjustment column to the right, the volume will increased.

Press the volume adjustment column to the left, the volume will increased.

In some situations, such as: user can adjust the volume through the knob on the function switch.





Volume Adjustment - 5.4（2-2）

In the prompt tone menu, riders can adjust the following contents:

Touch tone

Ring tone

Broadcast sound

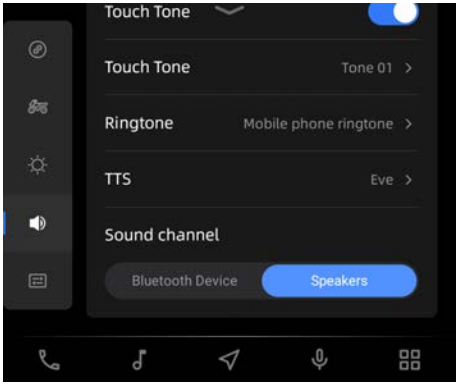
Click the icon ' ' to enter the application center.

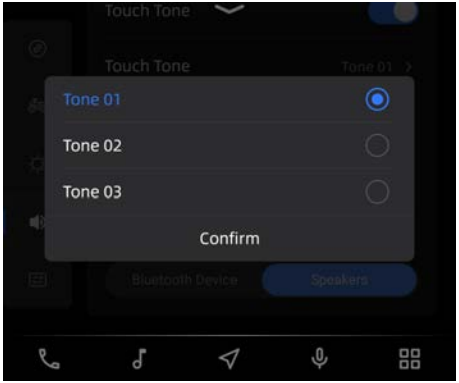
Click the icon ' ' enter Setting.

Click the icon ' ' to enter the volume adjustment interface.

Select your wanted prompt tone, click it to enter.

Select the type of the prompt tone, click it to confirm.





General Setting - 5.5

In the general settings, riders can inspect and adjust the following contents:

5.5.1 Time setting

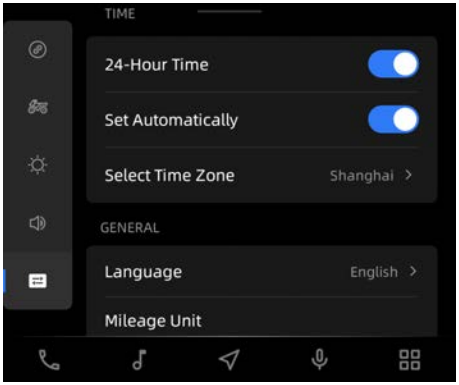
5.5.2 Language

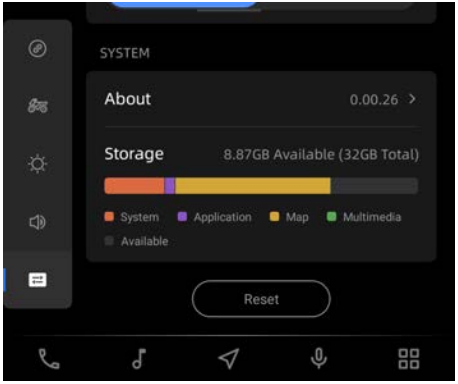
5.5.3 Mileage unit

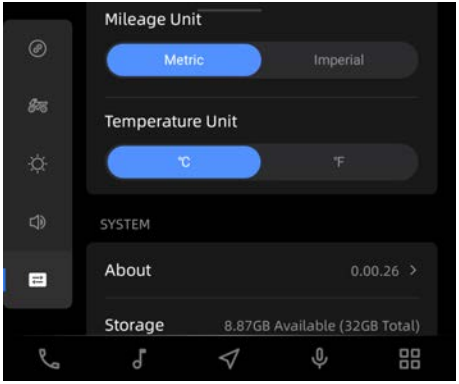
5.5.4 Temperature unit

5.5.5 System information

5.5.6 Reset all







5.5.1 Time Setting

In the time setting menu, user can turn on/off the 24 hours time format and online time, and to select the time zone.

Click the icon '  ' to enter the application center.

Click the icon '  ' to enter Setting.

Click the icon '  ' to enter the general setting interface.

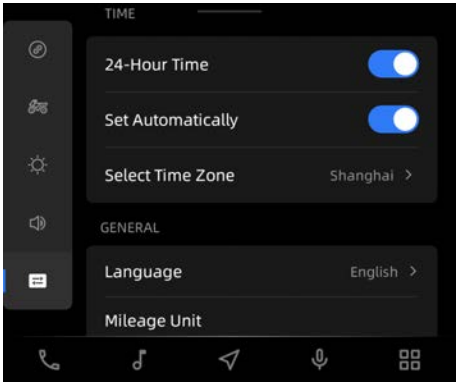
Click the icon '  ' to turn on/off the 24 hours time format.

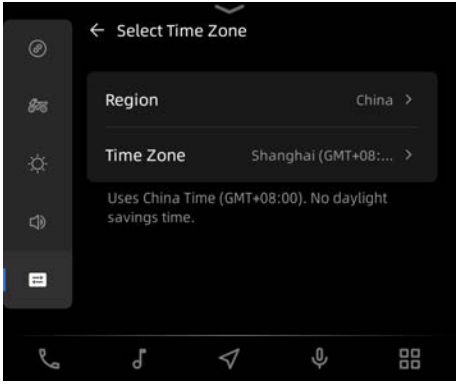
Click the icon '  ' turn on or off the online time.

User can select the time zone when the online time is turned on.

Click 'Select the time zone' to enter the time zone interface.

Select your located 'area' and 'Time Zone'.





5.5.2 Language

Adjust the instrument's language, switching between Chinese, English and Spanish to suit your reading habits.

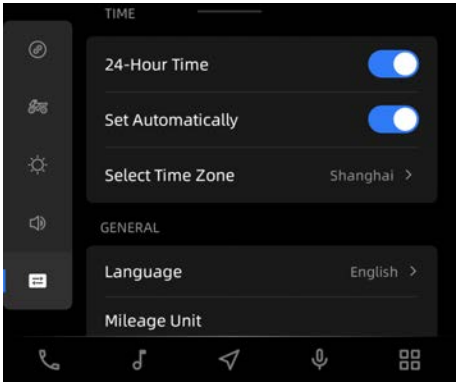
Click the icon '  ' to enter the application center.

Click the icon '  ' to enter Setting.

Click the icon '  ' to enter the general setting interface.

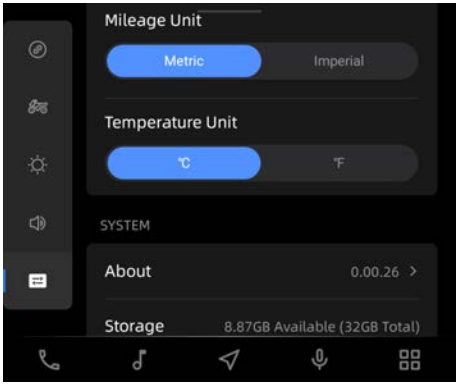
Click 'language' to enter the language interface.

Select your wanted language, and confirm your selection.





5.5.3 Mileage Unit / 5.5.4 Temperature Unit



Change units of the mileage and temperature to suit your reading habits.

Click the icon '  ' to enter the application center.

Click the icon '  ' to enter Setting.

Click the icon '  ' to enter the general setting interface.

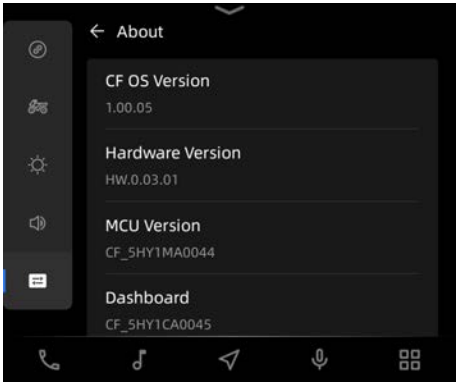
Switching the unit format:

km/h ..... mph

℃ / ℉

5.5.5 System Information

On the Information interface, users can view the following information:



CF OS version

Hardware version

MCU version

Dashboard

Serial No.

Bluetooth address

WLAN address

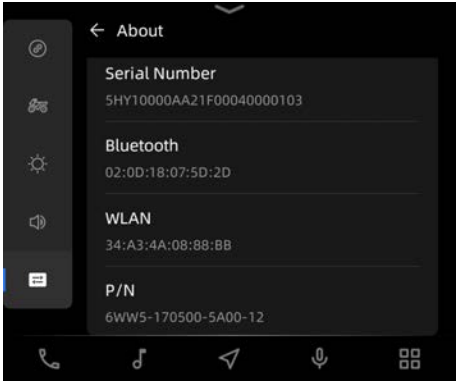
P/N

Click the icon ' ' to enter the application center.

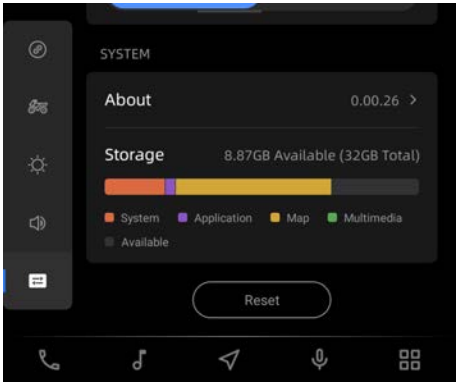
Click the icon ' ' to enter Setting.

Click the icon ' ' to enter the general setting interface.

Click 'About' to enter the about information page.



5.5.6 Reset All



You can reset all instrument settings to factory defaults.

Click the icon '  ' to enter the application center.

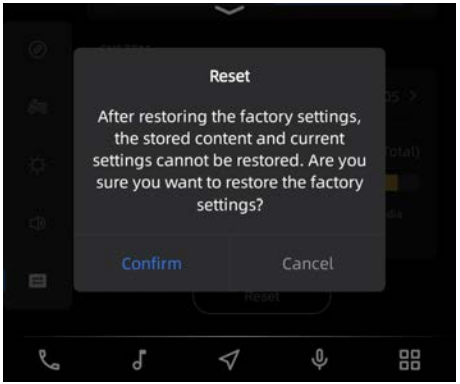
Click the icon '  ' to enter Setting.

Click the icon '  ' to enter the general setting interface.

Click 'Reset All', the instrument screen will pop up a confirm window.

Click the 'Confirm' to reset to the factory setting state.

NOTE: This function does not reset ODO or related functions.



VIP Center - 6

Users can update the vehicle system in the VIP center interface.

Follow these steps to upgrade the system:

Click the icon '  ' to enter the application center.

Click the icon '  ' to enter the VIP center.

Click the system to upgrade.

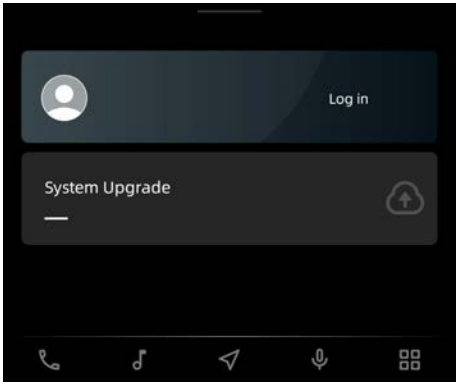
Download the system update file.

Click upgradation, the system will be updated.



NOTE:

Please park the vehicle safely before upgrading the system and ensure that the vehicle's power battery is full and has a stable network. During the upgradation, the instrument will restart and a black screen that's a normal phenomenon, please wait patiently.



G-force - 7

Users an inspect body attitude and switch the subject style on the G-force interface.

Click the icon '  ' to enter the application center.

Click the icon '  ' to enter the G-force.

Click the vehicle attitude to inspect the real-time vehicle attitude.

Click the subject style switching to switch the subject.



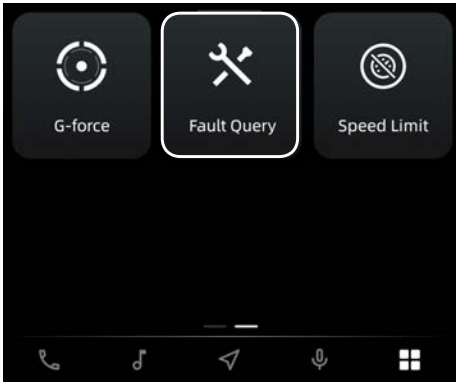
Fault Center - 8

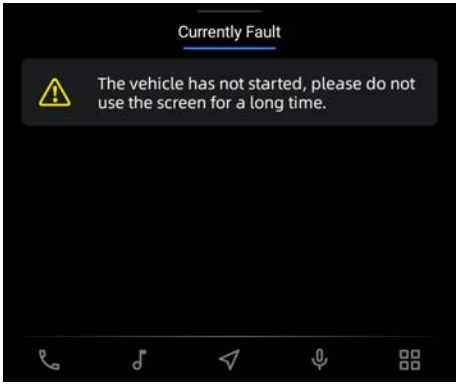
On the Fault center interface, users can view the fault or fault warning when the current vehicle system detects any fault. When the fault occurs, please remove the fault as soon as possible, and contact the after-sales service center authorized by CFMOTO if necessary.

Click the icon '  ' to enter the application center.

Click the icon '  ' to enter the fault center.

Inspect the current vehicle fault information.





Speed Limit - 9(If equipped)

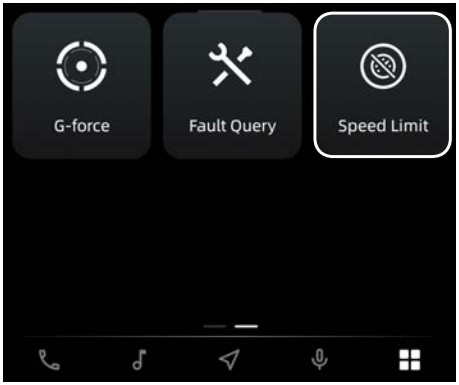
Click the icon ' ' to enter the application center.

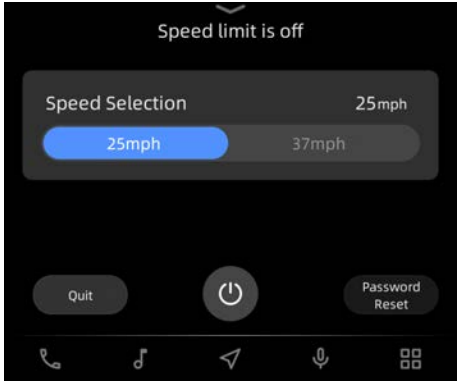
Click the icon ' ' to enter the Speed Limit.

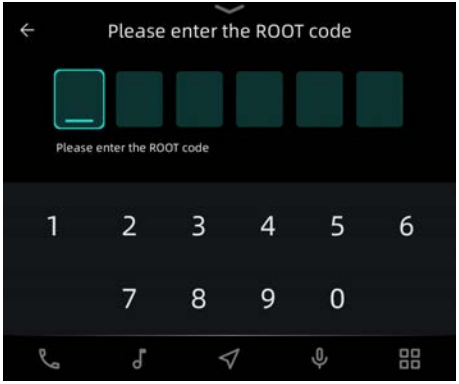
The first enter needs to set a PIN code (Please remember the PIN code, if not, please go to the CFMOTO after-sales center to reset it)

Select your wanted speed, and click ' ' to turn on the speed limit function. You can see 'Speed limit is turned on' on the upper part of the interface while the indicator is lit.

Click ' ' again to turn off the Speed limit.







CONTROLS AND FEATURES

Hi Board

Turn on/off the auxiliary function

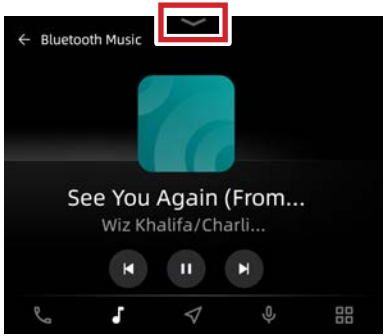
When this function is turned on, users can pull down the page and quickly set the related settings on the main screen.

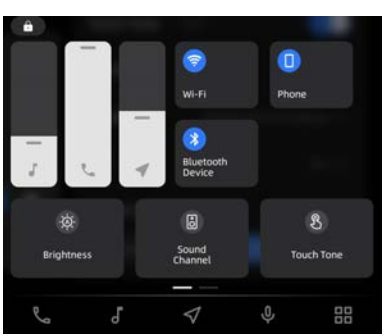
Follow the steps below to operate this function:

- Press the icon (circled on the first image) to open the "Hi Board" interface.
- Next, press the screen and scroll left to the second page of the "Hi Board" interface, then press "Edit".
- According to your requirement to set, edit or clear the related functions, then press "Finish".
- After setting, press the bottom of the screen and scroll up to close the "Hi Board" interface.

NOTE: 1. Without operation for 10 seconds, the "Hi Board" interface will close automatically after opening.

2. After opening the "Hi Board" interface, if you click " 🔒 ", this interface will be locked, click " 🔒 " again to unlock this interface to close the "Hi Board" interface.







Voice Recognition (VR) 1

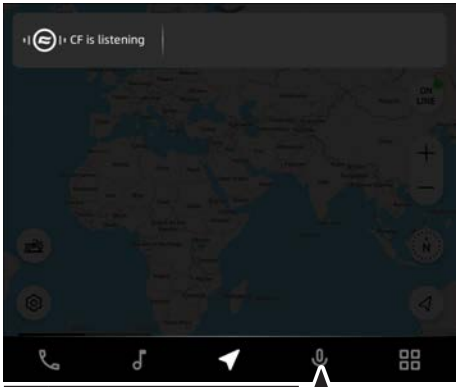
Navigation, music, calls, radio, etc can be turned on and controlled using the voice recognition function.

NOTE: Ensure that the Bluetooth helmet is connected before using this function.

How to activate / log out of VR:

Click the icon '  ' on the screen, or press the VR button '  ' on the dashboard. The system will switch Bluetooth to voice recognition mode and an alert will sound (Ding-ding), indicating you can use the function.

When you say 'Cancel' to the voice assistant, you log out of voice recognition.



1	Voice assistant

Voice Recognition (VR) Control Phrases

Global		
Cancel / Quit		
Media		
Play music	Pause music	Stop music
Previous	Next / Next Song/Next Track	Turn off music
Radio		
Open the Radio / Play Radio / Turn on the Radio / Close Radio / Stop Radio	Play FM / Play AM	Play FM 103.7 / Play AM 1000
Next station / Next radio station	Scan radio stations	Stop scanning
Add to favorites	Remove this station from favorites	
Phone		
Call Lisa / Make a call to Lisa / Contact Lisa	Call 13258 / Make a call to 0519853 / Dial 1234567	Call 911 / call…(emergency number)
Call Lisa's mobile number		
Navigation		
Zoom out	Zoom in	

CONTROLS AND FEATURES

System Settings		
Volume up / Increase volume / Raise volume	Volume down / Decrease volume / Reduce volume / Lower volume	Mute
Unmute	Increase volume to max / Set volume to max / Increase navigation volume to max / Set max volume / Increase volume to maximum / Set volume to maximum	Decrease volume to minimum / Set volume to minimum / Reduce Volume to minimum
Increase screen brightness	Decrease screen brightness	Increase screen brightness to maximum
Decrease screen brightness to minimum	Set system / Navigation volume to 25	Set screen brightness to 5
Open		
Open settings / Open settings application	Open apple carplay / Open carplay	Open APP center
Open membership	Open vehicle information Display vehicle information Show vehicle information	

CFMOTO Accessory Bluetooth Communication

CFMOTO's specially-designed Bluetooth communication set for this vehicle (additional accessory) allows the user to connect and state a command without pressing the VR button for the following features:

Feature	Voice Command
Wake up the voice assistance	"Hi, CFMOTO/Hello CF"
Call incoming (not answered) to pick up the call	"Pick up the call"
Call ending (or 'do not answer') to hang up the call	"Hang up the call"
Increase the Bluetooth set volume	"Increase the volume"
Decrease the Bluetooth set volume	"Decrease the volume"
Play the last song	"Last song"
Play the next song	"Next song"
Pause the music	"Pause the music"
Play the music	"Play the music"

OPERATING YOUR VEHICLE

Break-In Period

The break-in period for a new engine is very important. Careful treatment of a new engine at the beginning of ownership will result in more efficient performance and longer life. Perform the following procedures carefully:

1. Select an open area that allows room to familiarize yourself with vehicle operation and handling.
2. Place the vehicle on a level surface.
3. Fill the fuel tank with gasoline.
4. Check the engine oil level. Add the recommended oil if necessary to maintain the oil level between the minimum and maximum indicators on the dipstick.
5. Position yourself in the operating position on the vehicle, fasten the seatbelt and safety nets or side doors, and start the engine. Allow the engine to idle for a short period before operating.
6. Press the foot brake, select the desired gear, and then release the foot brake.
7. Apply throttle. Drive slowly at first, varying throttle positions not more than ½ throttle for 10 hours or 156 miles/250 km, then another 10 hours or 156 miles/250 km of not more than ¾ throttle (whichever interval arrives first). Do not operate at sustained idle or sustained wide open throttle.
8. Do not pull or carry any heavy loads during the break-in period.
9. Periodically check coolant level, controls, etc. along with items outlined in the maintenance chart.
10. At the end of the break-in period (20 hours or 311 miles / 500 km), perform the required services listed in the break-in maintenance schedule.

Break break-in

WARNING
Before the end of the Break-In period, the brake is not equipped with the best performance, it is necessary to have a break-in process. When using the new break pads, do not follow the vehicle too closely or apply the brake suddenly, which can avoid traffic accidents.

⚠ CAUTION

During the break-in period:

- Do not operate at sustained full throttle. Damage to engine parts or decreased engine life may result if excessive wide open throttle is used during the first 20 hours of use.
- Do not run the engine with throttle over 1/2 open during the first 10 hours or 156 miles/250 km of use.
- Do not run the engine with throttle over 3/4 open during the second 10 hours or 156 miles/250 km (to 20 hours or 311 miles/500 km) of use.
- Do not haul or tow heavy cargo.

Recommended Engine Oil Viscosity

Use of any oil other than those recommended may cause serious engine damage. CFMOTO recommends the use of 5W-40 synthetic oil for 4-stroke engines. Changing engine oil viscosity to 0W-40 synthetic oil due to extreme cold environments is acceptable. Reference the chart below for ambient temperature and viscosity choice.

Oil Viscosity										
					5W-40					
					0W-40					
Fº	-31	-22	-4	14	32	50	68	86	104	122
Cº	-35	-30	-20	-10	0	10	20	30	40	50

Pre-Ride Inspection

Before each use of the vehicle, a best practice is to complete the pre-ride inspection checklist.

⚠ WARNING
If a proper inspection is not done before each use, severe damage to the vehicle, severe injury, or death could result. Always inspect the vehicle before each use to ensure it is in proper operating condition.

Inspection before riding

Item	Inspection	Whether for abnormal
Tire	Inspect the tire pressure for abnormal, and adjust it according to the loading. Inspect the tire surface for cracks, tire tread for too shallow.	
Rim	Inspect the rim for damage, wheel nut for fastening.	
Air filter	Inspect the air filter tube whether for deposits.	
CVT	Inspect the CVT tube whether for deposits.	
Radiator	Inspect the radiator for cleaness.	
Engine oil/Transimission oil	Inspect the engine oil level and transimission oil level.	
Coolant	Inspect the coolant level.	
Fluid	Inspect the fluid level.	
Shaft sleeve	Inspect the shaft sleeve for damage.	

Loading cargo	When loading cargo at the rear rack: Inspect the loading for exceed the maximum limit, whether the cargo distributed evenly, to see whether the cargo fastened securely.	
	When towing the cargo: Inspect the loading for exceed the maximum limits, whether the trailer hook is firmly connected with the ball joint.	
Chassis and suspension	Inspect the vehicle chassis and suspension to see whether for damage.	
Driver and passenger	Inspect the driver and passenger in accordance with the driving/ riding requirements, whether to wear the protective gear properly. To see whether to fasten the seat belt correctly.	
Electronic gearshift	Press each of the gear buttons to see whether the gear can be shifted smoothly.	
Throttle	Inspect the throttle to see whether it is obstructed when using, and rebounce whether is quick and in position.	
Brake	Inspect the brake to see whether can feel the higher resistance when using, and reset the brake after it is released.	
Electronic parking	Inspect whether the electronic parking function works normally, and whether the switch is reset properly.	
START button	Inspect the START button to see whether can turn on/off the engine, and start the vehicle power normally.	
Instrument	Inspect the instrument's fault indicators and inspect the fuel to see whether the fuel is enough and voltage.	

Lights	Inspect the low/high beam lights, turning light, hazard light, brake light, position light, reversing light(If equipped) to see whether they all work well and whether the beam height for front lights meets the local regulations. To see whether the lights switch works well.	
Steering	Inspect the steering works flexibly, and the height adjustment works well.	
2WD 4WD switch/Rear gear differential button	Inspect the vehicle whether can switching among the 2/4 WD,4WD front, rear gear differential-LOCK, 4WD front & gear differential-LOCK state.	
Horn switch	Press horn switch to inspect whether the switch works well, and the button can reset.	
Drive mode button	Inspect the drive mode to see whether works well, and switching between the drive modes. Inspect the vehicle power whether it matching with the drive mode.	
Hopper switch	Inspect the cargo lift function and reset button works well.	
HDC(Hill descent control)	Inspect the HDC function works well and the indicator on the dashboard whether can be lit.	
Acceleration and brake test	Drive forward for several meters to test whether the brake works well and the respond is fast.	
Winch switch	Inspect the switch return for abnormality, winch for work abnormality.	

Read and practice the following operations after inspecting all the items in the chart. Participate in the safe riding training will help you to better understand this vehicle's riding skills.

Throttle

Before starting the engine, check the throttle pedal to be sure it is operating smoothly. Make sure it returns to the idle position as soon as the pedal is released. Regulate the speed of the vehicle by varying the throttle position. Because the throttle pedal is an electrically operated mechanism controlled by an ECU, the vehicle will decelerate and the engine should return to idle speed any time your foot is removed from the throttle pedal.

Brakes

Before operating the vehicle, push down on the pedal to apply the front and rear brakes. When pressed, the lever or pedal should feel firm. A soft brake pedal would indicate a possible fluid leak or low master cylinder fluid level, which must be corrected before riding. Contact your dealer for proper diagnosis and repairs.

Starting the Engine

⚠ WARNING
The engine exhaust from this product contains chemicals to cause cancer, birth defects or other reproductive harm. The engine exhaust contains carbon monoxide as well as other deadly gases. Please read the related content to avoid the damage.

Follow the steps below to start the engine:

- Insert the NFC key into the slot
- Shift the gear to park position or neutral gear.
- Press down the brake pedal, press down the 'START/STOP' until the engine is started.
- Once the engine starts, continue to warm the engine for a short period before operating the vehicle.

⚠WARNING

Do not activate the starting system more than 10 seconds on each attempt. If the engine fails to start, release the start switch, pause a few seconds before the next attempt, then try the start switch again. Each attempt should be as short as possible to preserve battery energy.

The engine should only be started when the vehicle is at the neutral gear or parking gear. If the neutral indicator light on the dashboard does not come on when the gear selector is in the neutral position, contact your dealer to inspect the indicator electrical circuit.

Allow the engine to warm up for a short period before operating the vehicle. Operating the vehicle immediately after starting could cause engine damage.

Do not start the ignition system constantly when the engine fails to start. If fail to start the ignition system many times, which may lead to motor burns.

Shifting the Transmission

⚠CAUTION

To avoid transmission damage, return the throttle to the closed position, stop the vehicle, and apply the foot brake before shifting.

Low gear is the preferred transmission gear selection for all forward motion other than prolonged high speed travel.

Follow the steps below to shift the gear:

- Verify the throttle is closed and the vehicle is stopped completed.
- Apply the foot brake
- Press down the needed gear selector button.

L – Low Gear. The low speed range of the gearbox. It allows the vehicle to move slowly with maximum torque

at the wheels.

H – High Gear. The high speed range of the gearbox. It is the normal driving speed range. It allows the vehicle to reach its maximum speed

N – Neutral. In neutral position the engine power take-off is disengaged.

R – Reverse. The reverse gear position allows the vehicle to go backwards.

P – Park. The park position locks the gearbox to help prevent vehicle movement.

⚠**WARNING**
We always require that when performing the gearshift, to verify the throttle is closed, the vehicle is stopped completely and apply the rear brake. Otherwise, the gearshift cannot be performed, engine fails, or even an accident.
The gear indicators will displayed as the actual gear, when the indicator on the dashboard occurs wrong, please contact your dealer to inspect the circuit.
Do not ride at low speed or transport cargo with a high gear constantly, which may cause the clutch system too overheat, and thus may damage the component.
Reversing is extremely dangerous, make sure there are no obstacles or people behind you when shift into reverse. When it is safe to proceed, go slowly.
Avoid excessive throttle operation while in speed limit mode, as it may cause fuel to build in the exhaust, resulting in engine popping and/or engine damage.

SAFE OPERATION - DRIVING SAFELY

Responsibilities of the Operator

As the operator of this vehicle, your common sense, judgment, and abilities are the only factors that will prevent injury to yourself, to others around you, and/or damage to the vehicle or environment.

Recreational, Group, and Distance Riding

One of the benefits of this vehicle is that it can take you off-road away from most communities. Stay away from areas designated for other types of off-road use unless it is specifically allowed. This includes snowmobile trails, equestrian trails, cross-country ski trails, mountain bike trails, etc. Join a local UTV club. A club can provide you with a map and advice, or inform you about areas where you can ride.

Always keep a safe distance from other riders ahead of you and behind you when riding in a group. Never operate carelessly or make unexpected maneuvers with other vehicles close by. Stay on designated trails and riding areas, and discourage others from operating in unauthorized locations.

Avoiding Accidents, Rollovers and Tip-overs

UTV vehicles handle differently from other vehicles. UTV vehicles are designed to handle off-road terrain (for example, the wheel base and track width, ground clearance, suspension, drive train, tires, etc.) and as a result, can overturn in situations where vehicles designed for use primarily on paved or smooth terrain may not.

A rollover or other accident can occur quickly during abrupt maneuvers such as:

- Sharp turns or hard acceleration.
- Deceleration when turning.
- When driving on hills or over obstacles.

SAFE OPERATION - DRIVING SAFELY

Abrupt maneuvers or aggressive driving can cause rollovers or loss of control even in flat open areas. If the vehicle rolls over, any part of your body (such as arms, legs, or head) outside of the cockpit can be crushed and trapped by the cage or other parts of the vehicle. You can also be injured by impact with the ground, cab, or other objects

To reduce the risk of rollovers:

- Use care when turning.
- Adjust steering inputs accordingly to your speed and environment.
- Slow down before entering a turn.
- Avoid hard braking during a turn.
- Avoid sudden or hard acceleration when turning, even from a stop or low speed.
- Never attempt donuts, skids, slides, fishtails, jumps, or other stunts.
- If vehicle starts to skid or slide, steer in the direction of the skid or slide.
- Never slam the brakes and lock the wheels.
- This vehicle is built primarily for OFF-ROAD purposes. Riding on paved surfaces may seriously affect vehicle handling and control. If you must drive on paved surfaces for a short distance, reduce speed and avoid abrupt inputs to steering wheel, accelerator and brake pedals.

This vehicle can roll over sideways, or tip over forward or backwards on slopes or uneven terrain:

- Avoid side hilling (driving along the slope rather than up or down a hill). When possible, drive straight up and down inclines rather than across them. If you must side hill, use extreme caution and avoid slippery surfaces, objects, or depressions. If you feel the vehicle start to rollover or slide sideways, steer downhill if possible.
- Avoid steep hills and follow procedures in this manual for climbing and descending hills.

- Sudden changes in terrain such as holes, depressions, banks, softer or harder ground or other irregularities may cause the vehicle to tip or become unstable. Observe the terrain ahead and slow down in areas of uneven terrain.

This vehicle will handle differently when carrying or pulling a load:

- Reduce speed and follow instructions in this manual for carrying cargo or pulling a trailer.
- Avoid hills and rough terrain.
- Allow more distance to stop.

Be prepared in case of rollover:

- Latch side doors or side nets and fasten seat belts to help you avoid sticking out arms or legs.
- Never grab the cage while riding. Hands can be crushed between the cage and the ground in a rollover. Keep hands on the steering wheel or handhold.
- Never try to stop a rollover using your arms or legs. If you think that the vehicle may tip or roll, the driver should keep both hands on the steering wheel and both feet firmly planted on the floor. The passenger should keep both hands on the handhold and both feet firmly planted on the floor.

Avoiding Collisions

At higher speeds, there is an increased risk of losing control, particularly in challenging off-road conditions, and the risk of injury in a collision is greater. Never operate at excessive speeds. Always go at a speed that is proper for the terrain, visibility, and operating conditions, and your experience. This vehicle does not have the same kind of protection for collisions as a car; for example, there are no air bags, the cab is not fully enclosed, and it is not designed for collisions with other vehicles. Therefore, it is particularly important to fasten seat belts, latch side doors or side nets(if equipped), and wear proper riding gear.

Environment

- Off-road recreation is a privilege. Maintain your privilege by respecting the environment and the rights of others to enjoy it.
- Chasing wildlife is illegal. Wildlife can die of exhaustion if chased by a motorized vehicle.
- Never purposely damage the terrain unless the operating area is designated for that type of activity.
- Observe the rule…"what you take in, carry out". Do not litter.

Practice Exercises

Before you go out for a ride, it is very important to familiarize yourself with the handling of your vehicle by practicing in a controlled environment. Find a suitable area to practice and perform the following exercises. It should be at least 147x147 ft. (45x45 m), and free of obstacles like trees and large rocks.

Remember: Avoid higher speeds until you are thoroughly familiar with the operation of your vehicle.

⚠ NOTE
Low gear is the preferred transmission gear selection for all forward motion other than prolonged high speed travel. Do not use high gear for continuous slow speed travel or towing, as this can lead to excessive heating of the clutch system, which may damage components.

SAFE OPERATION - DRIVING SAFELY

Basic Driving Procedure

After yourself familiar with the start and gearshift operation. follow the below steps to practice:

- Be aware of the obstacles around you, and confirm your route.
- Place your both hands on the steering, both feet firmly on the pedal, and fasten your seat belt when you sit on the driver's seat
- Practice the 'start the engine'.
- Practice the 'gearshift operation' into a low gear.
- Release the brake.
- Gently apply the throttle with your right foot, and slowly and steadily apply the throttle. The speed of the vehicle can be controlled by the open angle of the throttle, if you apply the throttle aggressively will cause a sudden acceleration.
- Start riding and practicing the throttle and brake operation.
- After you are familiar with the throttle and brake operation, then start to learn the basic skills, such as turning, and reversing, etc.

Turning Exercise

Turning is one of the most practical skills, meanwhile, it is the most frequent causes of accidents. It is easier for the vehicle to lose traction or rollover if you turn too sharply, or go too fast. Slow down when you approach a turn. Being familiar with turning skills can help you enjoy the riding experience and reduce the possibility of accidents.

Practice turning:

- Slow down the speed, and ensure that the vehicle is at a low gear.
- Release the throttle
- Be aware of the route, and ensure there are no obstacles around.
- Reapply the throttle slowly and turn the steering to the desired direction. The turning angle should be as wide as possible, which can reduce the possibility of rollover.
- Reset the steering when the vehicle turning to the desired direction.
- Repeat the turning exercise, but this time maintain the throttle at the same level while turning.
- Use the same way to practice the other side turning and both sides U-turning.

Attempt a quick turning after you are familiar with turning at a slow speed.

⚠WARNING
The smaller the steering angle, the higher possibility of a rollover, try to use wide-angle turns.
It is forbidden to make a turn at high speed, more faster, the easier the rollover happens.
The sudden changes in throttle when make turning, which can cause loss of balance and rollover.
Avoid practicing on paved roads, different operating habits and driving experiences will increase the risk of rollover.

To make a turning on the actual road is very complicated, please always keep caution and at a slow speed, flexibly using all the skills you learned.

Reverse Exercise

Reverse is another basic driving skill. Due to the reverse view, reverse is more easier to have the accident happen, please observe around during the reversing, which can reduce the accident happening.

Reverse View

- Place 1 cone marker on both sides of the vehicle beside each rear wheel.
- Move the vehicle forward until you can see the cone markers behind you, then stop the vehicle. Observe the cone marker through the rearview mirror or by turning your head.
- Stop the vehicle and acknowledge your blind spot, keep caution all the time at the following procedure.

Practice using the reverse:

- Practice the 'operate the gearshift' into the reverse gear.
- When operating in reverse, check that the path behind the vehicle is free of people, obstacles or downhill. Pay attention to blind spots. When it is safe to proceed in reverse, go slowly and avoid sharp turns.
- Loose the brake and slowly release the throttle after make sure the situation is safe.
- Be familiar with the react from using the reverse.

Practice the steering reverse after get familiar with the reverse operations:

- Apply the 'gearshift operation' to the reverse gear.
- Inspect that behind the vehicle is free of people, obstacles or downhill.
- Turn the steering to your needed direction and ensure that the turning angle should be as wide as possible, which can reduce the possibility of rollover.
- Reset the steering when the vehicle turning to the desired direction.
- Be familiar with the reaction when operating the turning in reverse.
- Use the same way to practice both sides to make turning in reverse.

⚠ WARNING
This vehicle is equipped with a reverse speed limiter function. Do not operate at fully open throttle and sudden alteration of the throttle when driving in reverse. Open the throttle just enough to maintain a desired speed. Do not driving downhill in reverse. When drive downhill in reverse, gravity can increase the vehicle speed above the set limited reverse speed. Failure to use caution when operating in reverse can result in serious injury or death. When operating in reverse, a slightly brake can help you better control the vehicle. Sharp turning in reverse is prohibited.

Emergency Engine Stopping Exercise

Learn how to stop your engine quickly in an emergency situation:

- Find a proper field to practice (avoid to practice on the paved road), gently apply the throttle while running at low speed, simply press down the 'START/STOP' to stop the engine. This is to familiarize you with the vehicle’ s reaction when the engine is turned off while driving and to develop this reflex.

SAFE OPERATION - DRIVING SAFELY

Operating Your Vehicle

Off-Road Operation

The very nature of off-road operation is dangerous. Any terrain which has not been specially prepared to carry vehicles presents an inherent danger where terrain substance, shape, and steepness are unpredictable. The terrain itself presents a continual element of danger, which must be knowingly accepted by anyone venturing over it.

An operator who takes a vehicle off-road should always exercise the utmost care in selecting the safest path and keeping close watch on the terrain ahead. This vehicle should never be operated by anyone who is not completely familiar with the driving instructions applicable to the vehicle, nor should it be operated on steep or treacherous terrain.

General Driving Tips

Care, caution, experience and driving skill are the best precautions against the hazards of vehicle operation. Whenever there is the slightest doubt that the vehicle can safely negotiate an obstacle or a particular piece of terrain, always choose an alternate route. In off-road operation, power and traction, not speed, are important. Never drive faster than visibility and your ability to select a safe route permit. Never operate the vehicle if the controls do not function normally. See your dealer.

Riding on the slippery road

Slippery surface includes: slippery road, loosen pebble road, any road that is iced, etc.

Riding on the slippery road will cause to skid, rollover and long braking distance, etc. Riding on pebble road may cause loose stones to be ejected rearwards which could hit other people or to affect other's route.

Pay attention to the following items when riding on the slippery road:

- Drive at a slow speed when entering the slippery road.
- Do not enter the slippery terrain that yourself not familiar with.
- Always keep cautions, be familiar with the terrain and avoid sharp turns.
- If the vehicle is slides, turn the steering in the same direction as the slippery direction before you regain control of the vehicle, which will help you quicker control the vehicle.
- Do not apply the brake when the vehicle is skid.
- Using 4WD mode will help you to pass the slippery terrain safely.

Riding on the rough terrain

The rough road includes: large rocky roads

The unpaved road may cause the vehicle to rollover, or stuck in, etc.

Extra cautions to the below situations:

- Slow down the speed when riding on rough road.
- Do not enter a rough road that yourself not familiar with.
- Be aware of the terrain distribution of the rough road, to avoid riding through protruding stones, depressions, etc
- Do not have a sharp turn.
- Switching to 4WD front differ-LOCK mode (turn on the rear gearcase differ-LOCK mode at the same time) will help you better riding on the rough terrain.

Crossing Obstacles

This includes rocks, fallen trees, and depressions.

Improper crossing will cause the accidents, such as:vehicle rollover and the personnel disengaged with the vehicle.

Pay attention to the following items when obstacles on the trail:

- You should avoid them whenever possible.
- Never attempt to cross an obstacle higher than the ground clearance of the vehicle.
- When over obstacles try as much a right angle as possible.
- Adjust speed without losing momentum and do not accelerate abruptly.
- You may meet bumpings when over obstacles, please always tightly grasp the armrest and steering.

Shallow Water Crossing

Water can be a unique hazard. You may encounter the slippery pebble underwater, big obstacles, muddy silt, or sucked in the water weed. Current itself is a particular dangerous situations. If the current is too deep or fast the vehicle may “float” and topple.

Extra cautions to the below items:

- Check the water depth and current before you attempt to cross any water. Water depth should not exceed 11.8 in (30cm).
- Try to cross a water flow as stable as possible.
- There are various obstacles in the water. Do not attempt to enter the water at high speed.
- Make sure you dry the brakes by applying them several times while driving slowly after the vehicle leaves the water. Water will affect the braking ability of your vehicle.
- Silt or swampy terrain may be near the water area, so be prepared for sudden depressions or changes in height in advance.

If the CVT becomes immersed when crossing the deep water or other causes, which can cause the drive belt to slide, the performance is reduced. Please follow the steps below to dry the CVT system:

- Remove the CVT bolt to drain out the water.
- Reinstall the bolt.
- Putting the transmission gear to Neutral, and upshifting the engine RPM can help to dry out the CVT system.
- Test the vehicle performance with low gear.
- Repeat the above procedures if necessary. If all the steps are not working, see your dealer.

⚠WARNING
If the vehicle becomes immersed, it will be necessary to have it transported to your dealer as soon as possible. Do not attempt to re-start the engine, as water may have been ingested into the cylinders, which can cause internal damage.

Have a thorough inspection of the vehicle after the vehicle crosses the water or is immersed in the water. Extra cautions to the below items:

- Engine oil
- Gearbox oil
- Front gear case oil
- Air filter
- All the lubirication points
- Motor/compressor belt, motor, compressor, idle gear, pulley (If equipped)

If the full inspection has not been performed, it may cause the engine failure.

Riding in Snow

Snow will make it much more difficult for riding than vehicle riding on the slippery road and rough terrain, and passing through the obstacles. When riding in snow, the tire grip is generally reduced, and long braking distance and tire idling and slide. With the falling of snow and rain on the vehicle where ice and/or snow accumulations may obstruct the visibility of the lights, clog ventilation openings, block the radiator and fan, and interfere with the steering controls and operation of the throttle and brake. Snow accumulation may cover the road and hide the original terrain conditions, obstacles, and even obscure terrain defects such as deep potholes, depressions, and irregular road edges, do not travel to unfamiliar areas with snow accumulations. Do not travel to iced areas.

It is not recommended to riding in snow, if have to riding in snow, always keep cautious, reduce the speed, do not go to any unfamiliar areas and use the brake frequently. Cleaning the ice and/or snow accumulations from the vehicle and all movable parts (brake, steering, transmission, switch, and radiator) after riding in the snow. The melting snow will freeze during parking, and it will be harder to move before the next pre-ride inspection.

Riding in Mud

Mud will make it much more difficult for riding than vehicle riding on the slippery road and rough terrain, and passing through the obstacles. When riding in mud, the tire grip is generally reduced, and long braking distance and tire idling and slide. Pay special attention to locations on the vehicle where mud may obstruct the visibility of the lights, clog ventilation openings, block the radiator and fan, and interfere with the steering controls and operation of the throttle and brake.

Riding on Sand

Sand and riding on sand dunes is a unique experience, but there are some basic precautions that should be fully understand before you go to the related terrains.

Wet, deep, or fine sand may create a loss of traction and cause the vehicle to slide, drop off or become “bogged” down. If this occurs, look for a firmer base. Again, the best advice is to slow down and be watchful of the condition.

When riding on sand dunes, it is advisable to equip the vehicle with an antenna-type safety flag. This will help make your location more visible to others over the next sand dune. Proceed carefully should you see another safety flag ahead.

Hill Driving Conditions

When driving on hills or slopes, two things are highly important: be prepared for slippery surfaces or terrain variations, obstacles, and brace yourself properly inside vehicle. If you climb or descend a hill that is too slippery or has too loose a surface, you can lose control. If you go over the top of a hill at high speed, you may not have time to prepare for the terrain on the other side. Avoid parking on a slope. Always put the shift lever in PARK and activate the electronic brake when stopped or parked, especially on an incline, to avoid rolling. If you must park on a steep incline, block the wheels on the downhill side using rocks or other suitable material.

Uphill Driving

Follow the items below to uphill driving:

- Visually inspect the angle of the slope, do not ride on the slope exceeding 22°.
- Use the low gear (L) for uphill driving.
- Uprightly uphill and maintain a steady speed.
- Keep your both feet on the pedal and hold the steering tightly to avoid loss the balance.
- Always be cautious and be prepared to apply emergency measurements.
- If you feel that the slope is getting too steep to climb due to loss the forward power. Apply the 'PARK on the slope' and take an alternate route.
- If the vehicle slides backward when uphill driving, apply the 'PARK on the slope'.

Downhill Driving

Follow the items below to downhill driving:

- Visually inspect the angle of the slope, do not ride on the slope exceeding 22°.
- Use the low gear (L) for downhill driving.
- Uprightly downhill and maintain a steady speed.
- Keep your both feet on the pedal and hold the steering tightly to avoid loss the balance.
- Apply the proper rear brake to reduce the speed.
- Switching to 4WD or 4WD-LOCK mode will help you better control the vehicle.

⚠WARNING
High-speed downhill may cause the loss of control of the vehicle, thus leading to serious injury or death. Decelerating while negotiating a downhill slope.

Over a hill

Follow the below item to over a hill:

- Keep a low speed to over a hill, and enough time to prepare for the terrain on the other side.

Crossing a hillside

Crossing a hillside is a very dangerous type of driving, you should avoid them whenever possible. If you ride on the steep slope may tip over. In addition, the slippery surface or loose road will cause the slides. Avoid all the objects or depressions that will accelerate the vehicle from one side higher than the other.

Follow the items below to crossing a hillside:

- Put the transmission to a low gear and reduce the speed.
- Slightly steering to the mountain side to maintain a steering direction.
- If the vehicle has a tilt tendency, steering the front wheel to the downhill direction as soon as possible.

⚠WARNING
Always keep cautious when loading and transporting the reservoir. When crossing a hillside, it will increase force in the downhill direction, thus affecting the stability and increasing the risk of rollover.

Parking on ramp

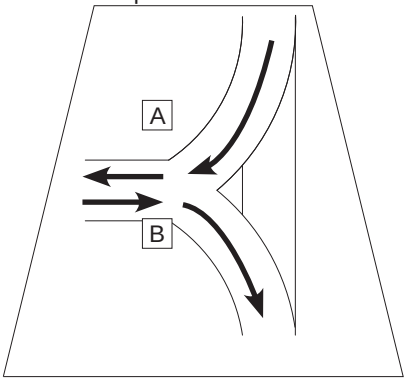
Try to avoid parking on the ramp, the vehicle may slide and fall after the operator left, while starting the vehicle becomes more difficult.

Follow these procedures to park on the ramp:

- Keep the vehicle body to the ramp in the vertical direction.
- Turn off the engine.
- Put the transmission into P gear, start the electronic park system
- Using obstacles (such as rock, etc.) to block the wheels on the downhill side to avoid the vehicle sliding.
- To avoid parking on the iced, slippery, or snow-covered ramps.

Turning Around on a Hill (K- Turn)

Vehicles must be turned around when encountering a predicament in the process of climbing the slope, you can use the "K-turn" skills out of the predicament. If you master the K-turn skills when driving the vehicle, it can increase the possibility of out of the predicaments, such as, steering, reversing, and turning around the vehicle on the hill. It can maximally avoid the injuries caused by incorrect steering, which makes the vehicle roll over or tip over.



Follow these steps to turn around on the hill:

1. Release the throttle, operate the brake (press down the brake pedal), and firmly stop the vehicle.
2. Keep your right foot on the brake pedal, put the transmission into 'R' gear.
3. Turn the steering to the left, and gently release the part of the brake.
4. Reversing slowly to route A, while always applying the brake pedal with your right foot.
5. When the vehicle body keeps a vertical angle with the ramp, press down the brake pedal, put the transmission into 'P' gear, then loose the brake pedal.
6. Press down the HDC (hill descent control) button, turn on the downhill auxiliary function. (wait until the indicator is on from the dashboard)
7. Press down the brake pedal, press gear 'L' shift to the low speed gear.

Turn the steering to the right, lift your right foot to release the brake, and gently apply the throttle pedal to release the electrical parking. Follow the route 'B' to downhill. To utilize the engine transmission box brake and downhill auxiliary to keep the speed. Always keep caution while downhill, always put your right foot on the brake pedal to ensure that you can apply the braking if necessary until the vehicle reaches the flat road.

Get off at the ramp

Follow these steps to get off at the ramp:

- Make sure to put the transmission into P gear, and the electronic parking system is enabled, and the engine is turned off.
- If the vehicle is tilted, get off the vehicle in the uphill direction.
- If the vehicle is vertical, get off the vehicle in any direction.

Riding on Paved Surfaces

This vehicle is not designed to operate on paved surfaces and to avoid riding on the paved surfaces.

Some countries and regions are forbidden to ride on paved surfaces. Before driving, please check and follow the local laws and regulations, do not ride in forbidden areas instead transport this vehicle with a trailer or truck, etc.

If you must drive on pavement, follow the below items to riding on the paved surfaces:

- Reduce the speed and avoid sudden turning, acceleration or brake.
- Be aware of the other vehicles on the paved road, and keep a distance from them.
- When crossing the paved road, inspect the vehicle at your left and right sides frequently.

Hauling and Towing Loads

Your vehicle can help you perform a number of different light tasks ranging from snow removal, to pulling wood, or carrying cargo. This can change the vehicle handling. To prevent possible injury, follow the instructions and warnings in this manual and on the vehicle.

Always respect the load limits of the vehicle. Overloading the vehicle can over-stress the components and cause failure.

Carrying Loads

The load limit of the vehicle including the weight of passenger, cargo box load (including towing hitch weight), total weight of the accessory storage and optional parts: 1486 lb. (674kg)

Following is an example of suitable total vehicle load distribution:

EXAMPLE OF SUITABLE VEHICLE TOTAL LOADS				
Model	**Passenger**	**Cargo Box Load (Maximum Permissible Vertical Load On The Coupling Point)**	**Accessory storage and optional parts**	**Total Vehicle Load**
U10 PRO UFORCE 1000 PRO UFORCE PRO 1000 UFORCE PRO	330.7 lb. (150 kg)	1000 lb (454 kg) 123 lb (56kg)	154.3 lb. (70 kg)	1486 lb. (674kg)

⚠ WARNING
LOW GEAR is recommended when total payload is greater than 584 lb (265 kg).

Vehicle Settings When Carrying Loads

If the total load approaches to the total rated vehicle load, including weight of operator, passenger, cargo, accessories and trailer tongue weight:

- Inflate the tires to maximum pressure.
- Readjust the suspension coil spring pre-load accordingly.
- Operate with the shift lever in L (low gear) when carrying loads in the cargo box and/or pulling a trailer.

Load Distribution

Your vehicle has been designed to carry or tow a certain amount of load. Always:

- Read and understand the load distribution warnings listed on the warning labels.
- Never exceed the specified weights.
- Cargo weight should be mounted as low as possible.
- When operating over rough or hilly terrain with loads or towing, reduce speed and cargo to maintain stable driving conditions.

Pulling or Towing

Your vehicle is equipped with a hitch receiver and winch (if equipped) for towing or pulling.

Pulling a Load

- Never pull a load by attaching it to the cage. This can cause the vehicle to tip over. Use only the trailer hitch or winch (if equipped) to pull a load.
- When pulling loads with a chain or cable, ensure that there is no slack before starting and maintain tension while pulling.

⚠ WARNING
Slack can cause a chain or cable to break and snap back, possibly causing injury.

- When pulling a load, respect the maximum hauling capacity.
- If pulling another vehicle, be sure that someone is controlling the pulled vehicle. They must brake and steer to prevent the vehicle from going out of control.
- Reduce your speed when pulling a load and turn gradually to avoid chains, straps, ropes or cables from catching on the rear wheels. Avoid hills and rough terrain. Never attempt steep hills. Allow more distance for braking, especially on inclined surfaces. Be careful not to skid or slide.
- Before pulling loads with a winch (If equipped), refer to the winch operation section of this manual.

Towing a Load

If a trailer is used behind the vehicle, make sure that its hitch (if equipped) is compatible with the one on the vehicle. Make sure the trailer is horizontal with the vehicle. Use safety chains or cables that keep the trailer secured to the vehicle in the event of a hitch failure.

Improperly loading a trailer may cause loss of control. Respect the recommended maximum hauling capacity and maximum tongue load. Make sure there is at least some weight on the tongue. Follow these guidelines for hauling and towing of cargo:

⚠ WARNING
Overloading the vehicle, carrying or towing cargo improperly, can alter the vehicle handling and may cause loss of control or braking instability.

- Always use low gear while towing to avoid clutch wear and belt issues.
- Reduce speed when hauling or towing loads.
- Never exceed the stated load capacity for this vehicle.

SAFE OPERATION - DRIVING SAFELY

- All loads must be secured before operation. Unsecured loads may shift and create unstable operating conditions, which could result in loss of control of the vehicle.
- When operating over rough or hilly terrain, reduce speed and cargo to maintain stable driving conditions.
- Use extreme caution when applying brakes with a loaded vehicle. Avoid terrain or situations that may require backing downhill.
- Load weight distribution should be as low as possible. Carrying a high load raises the center of gravity and creates an unstable operating condition. Reduce load weight when the cargo center of gravity is high.
- When handling off-centered loads that cannot be centered, secure the load and operate with extra caution.
- When operating with loads extending beyond the cargo area, stability and maneuverability may be adversely affected, causing the machine to overturn.
- Towing a load while carrying cargo may cause an imbalanced condition that increases the possibility of vehicle overturn. Balance loads proportionally, but do not exceed the stated load capacity.
- Always attach to the tow using the hitch point and hardware specifically made for towing. Never exceed the recommended Towing Hitch Weight.
- Using chains, straps, rope or other materials to tow objects is not recommended, as these items could get caught in the rear wheels, resulting in vehicle damage or personal injury.
- While towing, the vehicle should never exceed 10 mph (16 km/h) towing a load on a level surface. Vehicle speed should never exceed 5 mph (8 km/h) when towing loads in rough terrain, while cornering, or while ascending or descending a hill.
- When stopped or parked, block the vehicle and trailer wheels from possible movement.
- Use caution when disconnecting a loaded trailer; it or its load may topple on you or others.

MAXIMUM HAULING CAPACITY				
Type of Attachment	**Trailer Load Allowed (unbraked)**	**Trailer Load Allowed (ineritial braked)**	**Trailer Hitch Weight Allowed**	**Note**
50 mm × 50 mm hitch ball bracket	1500 lb. (680kg)	1764 lb. (800kg)	123 lb. (56 kg)	Includes trailer and trailer load.

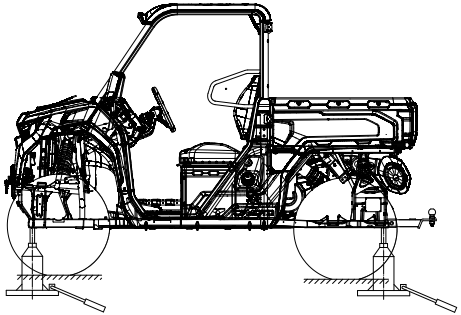
⚠ WARNING

When the trailer load (unbraked) approaches 1500 lb. (680 kg), trailer load (ineritial braked) approaches 1764 lb. (800kg) and vehicle riding on a flat road, to ensure safety and reduce the vehicle getting damaged. The following measures should be taken:

- Vehicle unloaded.
- Switch to the 4WD.
- Reduce the speed to under 9 mph (15 km/h).
- Use the low gear to increase traction and stability.

⚠WARNING
Stay clear from the area between the vehicle and trailed vehicle.

⚠WARNING
Strictly follow the instructions outlined in the operator's manual of the mounted or trailed machinery or trailer, and not to operate the combination vehicle - machine or vehicle - trailer unless all instructions have been followed.



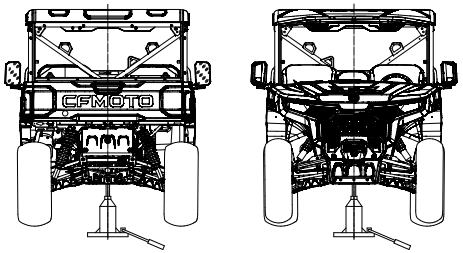
Place a support under vehicle.

NOTE: Before jacking ensure that all wheels are locked.

NOTE: When the brake lock is applied ensure that the vehicle stays securely in place.

⚠WARNING
DO NOT OVERLOAD your jack beyond its rated capacity. Use jack which is designed for use on hard level surfaces only. Use lifting device only. DO not move or dolly the vehicle while on the jack. Refer to jack warnings and operating instructions prior to use.

NOTE:
Ensure that 4 WD is engaged and brake is locked.



SAFE OPERATION - DRIVING SAFELY

Intended Use

The vehicle is designed solely for use in agricultural or similar operations. Use in any other way is considered as contrary to the intended use. Compliance with and strict adherence to the conditions of operation, service, and repair as specified by the manufacturer, also constitute essential elements of the intended use. The vehicle should be operated, serviced, and repaired only by persons who are familiar with its particular characteristics and who are acquainted with the relevant safety procedures. Accident prevention regulations, all other generally recognized regulations on safety and occupational medicine, and all road traffic regulation must be observed at all times. Any arbitrary modifications carried out to this vehicle may relieve the manufacturer of liability for any resulting damage or injury. The agricultural vehicles can not be used in conditions which may cause the risk of contact with hazardous substances, e.g. spraying of pesticides. In addition, the agricultural vehicles also can not used in conditions which may risk of falling and penetrating objects.

Hauling a Load

Never pull a load by attaching it to the cage. It can cause the vehicle to tip stalled to pull a load.

In an emergency situation, use the recovery hook to recover a stuck vehicle.

When pulling loads with a chain or cable, ensure that there is no slack before starting and maintain tension while pulling.

When pulling loads with a chain or cable, be sure to brake progressively. The inertia of the load could lead to an impact.

When hauling a load, respect the maxi-mum hauling capacity. See PULLING A TRAILER subsection.

⚠WARNING
Slack can cause the chain or cable to break and snap back.

When pulling another vehicle, be sure that someone is controlling the pulled vehicle. They must brake and steer to prevent the vehicle from going out of control.

Reduce your speed when hauling a load and turn gradually. Avoid hills and rough terrain. Never attempt steep hills. Allow more distance for braking, especially on inclined surfaces and when a passenger is on board.

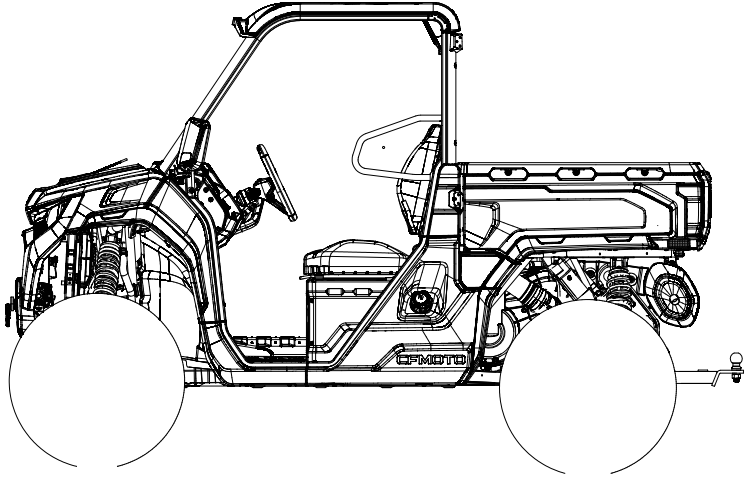
Be careful not to skid or slide.

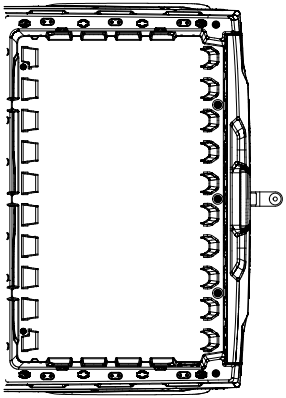
Accessories and Modifications

If no such attachment points are foreseen, the operator’s manual shall prohibit the installation of a front end loader.

This T3 has not attachment points for front end loader. Do not install front loader.

Where a designated attachment point is provided on the towbar:





Winch Operation

Your vehicle may be equipped with a winch that can pull certain capacities and types of loads. It is useful for vehicle self-recovery when stuck, assisting another vehicle in recovery, moving fallen trees, removing brush, etc.

Consider practicing the operation and use of your winch before you actually need to use it.

The safety warnings, operating precautions and instructions in this section apply if your vehicle came equipped with a winch, or if you choose to install an accessory winch on your vehicle:

Winch Safety Warnings

These safety warnings apply if your vehicle is equipped with a winch, or if you choose to install an accessory winch on your vehicle:

- Read and understand all sections of this manual.
- Improper winch use or failure to correctly follow the winch guidelines, instructions, and warnings in this manual can result in SEVERE INJURY or DEATH.
- Improper or lack of winch maintenance and service could lead to SEVERE INJURY or DEATH.
- Always keep body, hair, clothing, and jewelry clear of the winch cable, fairlead, and hook during winch operation.
- Always keep the area around the vehicle, winch, winch cable and load clear of people, pets, and distractions during winch operation.
- Always wear eye protection and heavy gloves during winch operation.
- Never use alcohol or drugs before or while operating the winch.
- Never allow children under 16 years of age to operate the winch.
- Never attempt to “jerk” a load attached to the winch by moving the vehicle.

- Never winch up or down, or to the sides at sharp angles. This can destabilize the winching vehicle and possibly cause it to move without warning.
- Never attempt to winch loads that weigh more than the winch capacity rating.
- Never touch, push, pull, or straddle the cable while winching a load.
- Never let the winch cable run through your hands, even if wearing heavy gloves.
- Never release the drum on the winch when the winch cable is under load.
- Never use the winch for lifting or transporting people.
- Never use the winch to hoist or suspend a vertical load.
- Never retract the hook fully into the winch. This can cause damage to system components.
- Never operate the winch or the vehicle if they are in need of repair or service.
- Always turn the ignition switch OFF and unplug the remote control (if equipped) to prevent inadvertent activation or unauthorized use when the vehicle or winch are not being used.

Winch Operating Precautions

These operating precautions should always be followed if your vehicle is equipped with a winch, or if you choose to install an accessory winch on your vehicle:

- Always inspect your winch and winch cable before each use.
- Always use the provided hook strap when pulling cable out or guiding cable in. Never grab the hook.
- Always align the load directly in front of the vehicle and winch as much as possible. Avoid winching with the cable at a sharp angle to the winching vehicle's centerline whenever possible.

If winching at an angle is unavoidable, follow these precautions while operating:

A. Look at the winch drum occasionally. Never let the winch cable "stack" or accumulate at one end of the

drum. Too much cable at one end of the drum can damage the winch and cable.

B. If cable stacking occurs, stop winching. Follow the 'Winch Cable Spooling Guidelines' section in this manual to redistribute the cable evenly before continuing.

- Always apply the vehicle's park brake and/or park mechanism to hold the vehicle in place during winching. Use wheel chocks when necessary.
- Always maintain at least five full turns of cable wrapped around the winch drum at all times. The friction provided by the wrapped cable allows the drum to pull on the winch cable and move the load.
- Never grease or oil the winch cable. This will cause the winch cable to collect debris that will shorten the life of the cable.
- The winch motor and relay connector may become hot during continuous use. When winching for more than 45 seconds, or if the winch stalls during operation, stop and allow the winch components to cool for a minimum of 10 minutes before using it again.
- Never operate the winch without running the engine. The engine's charging system helps keep the battery maintained. Battery reserve capacity can be quickly exhausted by heavy winch use, rendering the starting system inoperable.
- Always operate with concern for the environment. Do not purposely damage trees, etc.

Basic Winch Operation

Follow these operating instructions if your vehicle is equipped with a winch, or if you choose to install an accessory winch on your vehicle. Read Winch ***Safety Warnings and Winch Operating Precautions*** on the preceding pages before using your winch.

BEFORE YOU BEGIN - Realize that each winching situation is unique:

- Take your time to think through the winch operation you are about to perform.

- Proceed slowly and deliberately.
- Never hurry or rush during winching.
- Always pay attention to your surroundings.
- Be prepared to change your winching strategy if it is not working.
- Remember that although your winch is very powerful, there are simply some situations that you and the winch will not be able to deal with. Do not be afraid to ask others for help when necessary.

1. Always inspect the vehicle, winch, cable and controls for signs of damage or parts in need of repair or replace before each use. Pay particular attention to the first 3 feet (1 meter) of winch cable if the winch is used (or has been used) for lifting a plow. Promptly replace any worn or damaged cable.

2. Apply the vehicle's park brake and/or park mechanism to hold the vehicle in place during winching. Use wheel chocks when necessary.

3. Release the winch drum and pull out the required length of cable. Always use the hook strap to handle the hook. Never remove the hook strap from the hook.

⚠CAUTION
Always maintain a minimum of five (5) full turns of cable around the winch hub at all times. The friction provided by wrapping cable allows the hub to pull on the cable and move the load.

4. Attach the hook onto the load, or use a tow strap or chain to secure the load to the winch hook. Never hook the winch cable back onto itself. This can damage the winch cable and result in cable failure.

⚠WARNING
Never use a 'recovery strap' for winching. Recovery straps are designed to stretch and could release excessive energy that can result in SEVERE INJURY or DEATH if the strap or winch cable breaks. Use only undamaged tow straps or chains that do not stretch.

5. Re-engage the winch drum.

6. Slowly winch in slack of the winch cable until it is gone, then stop and follow the instructions for ‘winch damping’ to ensure safe operation:

A. Place a damper on the mid-point of winch cable length to absorb energy that could be released by a winch cable failure. A damper can be a heavy jacket, tarp, or other soft, dense object. A damper can absorb much of the energy released if the cable breaks during winching. Even a tree limb can help as a damper if no other items are available to you.

B. Lay the damper on top of the mid-point of the winch cable length.

C. On a long pull, it may be necessary to stop winching so the damper can be repositioned to a new mid-point. Always release the tension on the winch cable before repositioning the damper.

D. Avoid being directly in line with the winch cable whenever possible. Also, never permit others to stand near or in line with the winch cable during winch operation.

7. Stop winching as soon as the job is completed or the load can be moved without the help of the winch.

8. Detach the winch hook, then rewind the cable evenly back onto the drum following the instructions in this manual.

GENERAL SAFETY PRECAUTIONS REGARDING THE USE OF WINCH

⚠WARNING

Moving Part Hazards

To prevent serious injury and property damage:

- Do not operate or install winch without reading and understanding these instructions and the Basic Guide to Winching Techniques.
- Keep hands clear of wire rope, hook and fairlead opening during operation and when spooling.
- Use supplied hook strap for spooling wire rope.
- Stand clear of wire rope and load during operation.
- Keep others away.
- Inspect winch installation and wire rope condition before operating winch
- Do not use as a hoist.
- Do not use to move persons.
- Do not exceed winch's rated capacity.
- Never touch wire rope or hook while in tension.
- Be certain the anchor you select will withstand load.
- Never wrap wire rope back onto itself. Use a choker chain or tree trunk protector on the anchor.
- Prior to initiating winching operation be sure any element which can interfere with safe winching is removed.
- Do not disengage clutch if winch is under load or wire rope is in tension.
- Take your time. Sloppy rigging causes accidents.
- The wire rope must always spool onto the drum as indicated by the drum rotation label on the winch.

⚠CAUTION

To avoid injury and property damage:

- Do not use winch to secure a load during transport.
- Do not submerge in water.
- Do not use to tow other vehicles.
- Wear heavy leather gloves when handling the wire rope.
- Never winch with less than 5 wraps of wire rope around the drum.
- Caution should be used if the vehicle is tied down during a winching operation. This may lead to damage to the frame.
- Before winching, inspect remote control lead for damage.

Vehicle Recovery Methods

Vehicle Self-Recovery:

- A. Release the winch drum and pull out the required length of cable.
- B. Whenever possible, pick an anchor point that aligns the winch cable to the vehicle's centerline as close as possible. This will help the spooling of the winch cable and reduce the load on the fairlead.
- C. Attach the winch hook to an anchor point. NOTE: If freeing a stuck vehicle by attaching to a tree, use an item such as a tow strap to avoid damaging the tree during winch operation. Sharp cables and chains can damage and even kill trees. Always respect the environment.
- D. Re-engage the winch drum.
- E. Slowly winch in any slack in the winch cable, then damper it.
- F. Shift to the lowest gear available that will propel the vehicle in the direction of winching.
- G. Carefully apply winch power and throttle together to free the vehicle.

⚠CAUTION
Using the vehicle throttle and winching at the same time has risk and is optional. Place the vehicle in neutral and use only the winch if unsure of your operating abilities.

- H. Stop winching as soon as the stuck vehicle is able to propel itself without the help of the winch.
- I. Detach the winch hook, then rewind the cable evenly back onto the drum following the instructions in this manual.

⚠CAUTION
The ONLY time a winch-equipped vehicle should be moving and using the winch is for self-recovery. The winch-equipped vehicle should NEVER use motion to "shock-load" the winch cable in an attempt to recover a second stuck vehicle. See 'Winch Shock Loading' section in this manual for more information.

Recovery of Another Vehicle:

A. Release the winch drum and pull out the necessary length of cable.

B. Attach the winch hook to the vehicle. Whenever possible, pick an anchor point on the stuck vehicle that aligns the winch cable to the winching vehicle's centerline as close as possible. This will help the spooling of the winch cable and reduce the load on the fairlead.

⚠CAUTION
Never attach the winch hook to a suspension component, brush guard, bumper or cargo rack. Vehicle damage may result. Always attach the hook to the strongest available portion of the vehicle frame or hitch.

C. Re-engage the winch drum.

D. Slowly winch in any slack in the winch cable, then damper it.

E. Shift to the lowest gear available on the stuck vehicle that will propel it in the direction of winching.

F. Carefully apply winch power and the stuck vehicle's throttle together to free it.

G. Stop winching as soon as the stuck vehicle is able to propel itself without the help of the winch.

H. Detach the winch hook, then rewind the cable evenly back onto the drum following the instructions in this manual.

Winch Cable Care

Always inspect your winch cable before each use for worn or kinked winch cable. Never use a cable that is damaged. Follow these guidelines for inspection and use:

- If equipped with a winch cable made of wire rope that is kinked, deformed, or bent is permanently and severely damaged. Promptly discontinue use of a winch cable in this condition.
- A kinked winch cable made of wire rope that has been “straightened out”, even though it may look usable, has been permanently and severely damaged. It can no longer achieve its load capacity rating. Promptly discontinue use of a winch cable in this condition.
- A winch cable made of synthetic rope should be inspected for signs of fraying. Replace the cable if fraying is observed. Promptly discontinue use of a winch cable in this condition.
- Replace synthetic winch cable if fused or melted fibers are discovered. The synthetic rope will be stiff and appear smooth or glazed in the damaged section. Promptly discontinue use of a winch cable in this condition.
- Never replace a synthetic winch cable with consumer-grade polymer rope. Only use cable that is specifically designed for winch use.
- Never grease or oil a wire rope winch cable. This will cause the cable to collect debris that will shorten the life of the cable.
- Never operate the winch with a damaged hook or latch. Always replace damaged parts before using the winch.

⚠WARNING
Replace the winch cable and components at the first sign of damage to prevent SEVERE INJURY or DEATH in the event of failure.

Winch Cable Spooling Guidelines

After winching is complete, especially if winching at an angle, it may be necessary to respool the winch cable evenly across the drum. This reduces the chances of the winch cable “wedging” itself between lower layers of cable. You will need an assistant to perform this task:

- A. Release the winch drum.
- B. Pull out the winch cable that is wrapped unevenly onto the drum.
- C. Re-engage the winch drum.
- D. Have an assistant pull the winch cable hook strap tightly to apply about 100 lbs. (45 kg) of tension.
- E. Slowly winch the cable in while the assistant moves the end of the cable back and forth horizontally to evenly distribute it onto the drum.

Winch ‘Shock Loading’

Your winch (if equipped) is designed and tested to withstand the loads produced when operated from a stationary vehicle. Always remember that the winch, cable and components are NOT designed for shock loading. Follow these guidelines:

- Never attempt to “jerk” a load with the winch. For example, never take up cable slack by moving the winching vehicle in an attempt to move an object. This is a dangerous practice that generates high loads which may exceed the strength of the components. Even a slow moving vehicle can create a large shock load which can cause damage.
- Never quickly turn the winch ON and OFF repeatedly (‘’jogging”). This is a form of shock loading. This puts extra load on the winch components, the cable, and generates excessive heat in the motor and relay assembly.
- Never tow a vehicle or other object with your winch. Towing with a winch produces shock loading even when towing at slow speeds. Towing from the winch also positions the towing force high on the vehicle,

which can cause vehicle instability and the possibility of an accident.

- Never use recovery straps with your winch. This is a form of shock loading. Recovery straps are designed to stretch and can store energy. Stored energy in the recovery strap is released if a failure occurs, making the event even more hazardous. Similarly, never use elastic “bungie” cords for winching.
- Never use the winch to tie down the vehicle to a trailer or other transporting unit. This is a form of shock loading that can cause damage to the winch components, the cable, or the transporting unit.

MAINTENANCE

Following the maintenance schedule in your owner's manual will help keep your vehicle in the safest, most reliable condition. Inspection, adjustment, and lubrication of important components are explained in the maintenance schedules.

Inspect, clean, lubricate, adjust, and replace parts as necessary. When inspection reveals the need for replacement parts, always use genuine parts available from your dealer.

⚠ NOTE
Periodic service and adjustments are critical. If you are not familiar with performing safe service and adjustment procedures, have a qualified dealer perform the required maintenance for you.

Pay special attention to the engine oil level during cold weather operation. A rise in engine oil level can indicate contaminants collecting in the oil sump or crankcase. Change oil immediately if the oil level begins to rise. Monitor the oil level, and if it continues to rise, discontinue use and determine the cause, or see your dealer

Severe Use Definition

CFMOTO defines severe vehicle use as:

- Frequent immersion in mud, water or sand
- Racing or race-style high RPM use
- Prolonged low speed, heavy load operation
- Extended engine idle
- Short trip cold weather operation
- Vehicles used in commercial operations

For vehicles that are subjected to severe use, reduce all maintenance and service intervals by 50%.

MAINTENANCE

⚠WARNING

Procedures marked as '■' means if repair procedure is required, have an authorized dealer perform repairs that involve this component or system. Improperly performing the procedure could result in component failure and lead to serious injury or death.

General Recommended Lubrication

Check all components at the intervals outlined in the Periodic Maintenance Schedule. Items not listed in the schedule should be lubricated at the general lubrication interval.

Lubrication Schedule Icon Key

- Change lubricants more often under severe use, such as wet or dusty conditions.
- Use All-Season Grease on pivot points.
- Lubricate every 500 miles (900 km), before long periods of storage, after pressure washing, or after submerging drive system.

Item	Lubricant	Method
Engine oil	SAE 5W-40 / SAE 0W-40 "SP" and higher total synthesis oil	Unscrew, clean, insert and pull out dipstick to check oil level
Transmission oil	SAE 75W-90 GL-5	Inspect the oil level whether between upper and lower lines from the view window
Brake fluid	DOT4	Maintain level between upper and lower lines
Front gear case oil	SAE 80W-90 GL-5	Oil capacity: 8.4oz. (250mL)
Suspension pivots and drive train	All-Season Grease	Grease gun - Pump grease until it begins to flow from the pivot point

Pre-Ride Maintenance Checklist

Perform these inspections before operating the vehicle:

Item		Maintenance before operation			
		Hour	Calendar	Miles (km)	Remarks
■	Steering system	-	Pre-Ride	-	Visually inspect, test, or check components. Make adjustments and/ or schedule repairs when required.
■	Throttle return	-	Pre-Ride	-	
	Front suspension and axles	-	Pre-Ride	-	
	Rear suspension and axles	-	Pre-Ride	-	
	Tires	-	Pre-Ride	-	
	Brake fluid level	-	Pre-Ride	-	
	Foot brake function	-	Pre-Ride	-	
	Brake system function	-	Pre-Ride	-	
	Wheels / fasteners	-	Pre-Ride	-	

► = Severe Use Item. Inspect frequently on vehicles subjected to severe use.

■ = Have an authorized dealer perform repairs that involve this component or system.

● = Emissions related components. Have an authorized dealer perform repairs that involve this component or system.

Item		Maintenance before operation			
		Hour	Calendar	Miles(km)	Remarks
	Engine oil level	-	Pre-Ride	-	
►	Air filter element/Air filter and its connector	-	Pre-Ride	-	Visually inspect, replace it if dirt.
►	Air filter deposits pipe	-	Pre-Ride	-	Inspect, if the deposits is visible, clean the hoses and pipe, air filter, and replace the air filter element
►	CVT deposits pipe	-	Pre-Ride	-	Inspect, if the deposits is visible, drain/ clean the CVT or contact your dealer for service.
►	Headligh alignment/lights and turning light (If equipped)	-	Pre-Ride	-	Inspect, adjust or replace the lights if necessary.
►	Radiator	-	Pre-Ride	-	Inspect whether for the surface has mud or debris to clogged the inlet port, clean it if necessary.

► = Severe Use Item. Inspect frequently on vehicles subjected to severe use.

■ = Have an authorized dealer perform repairs that involve this component or system.

● = Emissions related components. Have an authorized dealer perform repairs that involve this component or system.

MAINTENANCE

Break-In Maintenance Checklist

Perform at the interval that arrives first, perform these maintenance when reaches 20 hours or specified mileage interval before operating the vehicle:

Item		Break-in Maintenance (Perform at the interval that arrives first)			
		Hour	Calendar	Miles (km)	Remarks
	General lubrication	20	-	300 (500)	Lubricate all grease points, pivots, cables, etc.
	Engine oil / oil filter	20	-	300 (500)	Change oil and filter.
►	Engine air filter element	20	-	300 (500)	Inspect; replace if dirty; do not clean
	Front gear case oil	20	-	300 (500)	Check level. Inspect for leaks.
	Coolant	20	-	300 (500)	Check level. Inspect for leaks.
	Transmission oil	20	-	300 (500)	Replace engine oil
	Engine hoses, gaskets and seals	20	-	300 (500)	Inspect for leaks.
► ■	Accessory belt, pulley, motor(If equipped)	-	-	-	Inspect it is used severely conditions,replace them as necessary

► = Severe Use Item. Reduce interval by 50% on vehicles subjected to severe use.
■ = Have an authorized dealer perform repairs that involve this component or system.
● = Emissions related components. Have an authorized dealer perform repairs that involve this component or system.

Item		Break-in Maintenance (Perform at the interval that arrives first)			
		Hour	Calendar	Miles (km)	Remarks
►	Brake pad / Brake disc	20	-	300 (500)	Inspect pad and disc thickness.
	Battery	20	-	300 (500)	Check terminals, clean, test battery condition if required.
■	Idle condition	20	-	300 (500)	Inspect for proper rpm. See dealer for service if out of spec or erratic.
■	Steering / Wheel Alignment	20	-	300 (500)	Inspect steering system. See dealer for service if wheel alignment is required.
►	Foot brake	20	-	300 (500)	Inspect function. Adjust as necessary.
■	Gear cases, CV shafts, Propshafts	20	-	300 (500)	Inspect for leaks.

► = Severe Use Item. Reduce interval by 50% on vehicles subjected to severe use.
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Periodic Maintenance Schedule

Perform maintenance at the interval that arrives first after the 20 hours break-in period:

Item		Periodic Maintenance Intervals (Perform at the interval that arrives first)			
		Hour	Calendar	Miles (km)	Remarks
►	Brake pads/Brake disc	20	Monthly	300 (500)	Inspect pad and disc thickness.
	Battery	20	-	300 (500)	Check terminals. Clean and test battery condition as necessary.
►	Air filter element	20	-		Always inspect pre-ride. Inspect frequently if subjected to severe use. Replace if dirty. Do not clean.
		100	12M	900 (1500)	Replace
►	CVT air intake filter screen	20	-		Clean filter screen or filter, replace with new one if necessary.
►	General lubrication	50	3M	450 (750)	Lubricate all

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■ = Have an authorized dealer perform repairs that involve this component or system.
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MAINTENANCE

Item		Periodic Maintenance Intervals (Perform at the interval that arrives first)			
		Hour	Calendar	Miles (km)	Remarks
►	Front gear case oil	100	12M	1800 (3000)	Inspect level. Change yearly if hours or distance interval is not met.
►	Engine oil / oil filter	100	12M	1800 (3000)	Inspect for color change. Change if dirty and clean strainer. Change yearly if hours or distance interval is not met.
	Cooling system	100	12M	900 (1500)	Test coolant pressure leakage system yearly.
► ■	Motor/compressor belt, motor, compressor, idle gear, pulley(If equipped)	-	-	-	Inspect it is used severely conditions,replace them as necessary

► = Severe Use Item. Reduce interval by 50% on vehicles subjected to severe use.
■ = Have an authorized dealer perform repairs that involve this component or system.
● = Emissions related components. Have an authorized dealer perform repairs that involve this component or system.

Item		Periodic Maintenance Intervals (Perform at the interval that arrives first)			
		Hour	Calendar	Miles (km)	Remarks
►	Radiator	50	6M	450 (750)	Inspect; clean external surfaces. Clean more frequently if subjected to severe use.
■	Steering system	50	6M	450 (750)	Inspect. Lubricate.
►	Front suspension	50	6M	450 (750)	Lubricate. Check fasteners.
►	Rear suspension	50	6M	450 (750)	Lubricate. Check fasteners.

► = Severe Use Item. Reduce interval by 50% on vehicles subjected to severe use.
■ = Have an authorized dealer perform repairs that involve this component or system.
● = Emissions related components. Have an authorized dealer perform repairs that involve this component or system.

Item		Periodic Maintenance Intervals (Perform at the interval that arrives first)			
		Hour	Calendar	Miles (km)	Remarks
► ■	CVT drive belt	50	6M	900 (1500)	Inspect. Replace as necessary. See dealer for service.
► ■	CVT drive and driven pulleys	50	6M	900 (1500)	Clean and Inspect pulleys. Replace worn parts. See dealer for service.
	Fuel filter and hoses	100	24M	1800 (3000)	Inspect routing and condition. Replace filter and high-pressure hoses every 4 years.
	Cooling hoses	100	-	900 (1500)	Inspect routing and condition.

► = Severe Use Item. Reduce interval by 50% on vehicles subjected to severe use.
■ = Have an authorized dealer perform repairs that involve this component or system.
● = Emissions related components. Have an authorized dealer perform repairs that involve this component or system.

Item		Periodic Maintenance Intervals (Perform at the interval that arrives first)			
		Hour	Calendar	Miles (km)	Remarks
●	Fuel system	100	12M	450 (750)	Inspect fuel tank, cap, fuel pump and fuel pump relay.
	Spark plug	200	24M	3600 (6000)	Inspect; Replace if worn or fouled.
■	Engine mounts (suspension)	100	12M	1800 (3000)	Inspect condition.
	Exhaust pipe and spark arrestor	100	12M	1800 (3000)	Inspect. Clean spark arrestor.
►	Wiring, fuses, connectors, relays, and cables	100	12M	900 (1500)	Inspect wire routing for wear, security. Apply dielectric grease as necessary to connectors subjected to water, mud, etc.

► = Severe Use Item. Reduce interval by 50% on vehicles subjected to severe use.
■ = Have an authorized dealer perform repairs that involve this component or system.
● = Emissions related components. Have an authorized dealer perform repairs that involve this component or system.

Item		Periodic Maintenance Intervals (Perform at the interval that arrives first)			
		Hour	Calendar	Miles (km)	Remarks
► ■	Wheel bearings	100	12M	1800 (3000)	Inspect for noise or looseness. Replace as necessary.
►	Safety Belts	100	12M	1800 (3000)	Visually inspect belts and test latches. Clean latch mechanism more often if used in severe conditions. Replace as necessary.
►	Transmission oil	200	24M	3600 (6000)	Inspect level. Change every 2 years if hours or distance interval is not met.
	Coolant	200	24M	3600 (6000)	Change coolant every 2 years if hours or distance interval is not met.

► = Severe Use Item. Reduce interval by 50% on vehicles subjected to severe use.
■ = Have an authorized dealer perform repairs that involve this component or system.
● = Emissions related components. Have an authorized dealer perform repairs that involve this component or system.

Item		Periodic Maintenance Intervals (Perform at the interval that arrives first)			
		Hour	Calendar	Miles (km)	Remarks
►	Brake fluid	200	24M	3600 (6000)	Inspect fluid for color change. Change fluid every two years.
	Idle condition	-	12M	-	Inspect for proper rpm. See dealer for service if out of spec or erratic.
■	Steering / Wheel Alignment	-	12M	-	Inspect steering system. See dealer for service whenever steering parts or wheel alignment are required.
►	Foot brake height	-	12M	-	Inspect. Adjust height as required.

► = Severe Use Item. Reduce interval by 50% on vehicles subjected to severe use.
■ = Have an authorized dealer perform repairs that involve this component or system.
● = Emissions related components. Have an authorized dealer perform repairs that involve this component or system.

MAINTENANCE PROCEDURES

Air Filter

Check and change the air filter at the intervals outlined in the Maintenance Schedule. The air filter element should be inspected more often and replaced as necessary if the vehicle is used in extremely dusty or wet areas. Each time air filter maintenance is performed, check the air inlet of the air filter box for obstructions and debris. Check the air filter outlet pipe connects with the throttle body for an airtight seal. Check that all fittings are secure to avoid the possibility of unfiltered air entering the engine.

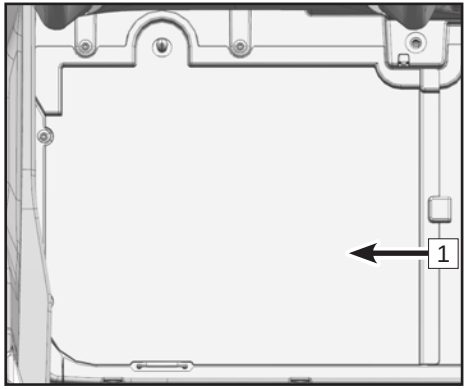
Air Filter Housing Inspection

There is a check hose at the bottom of the air filter housing. If dust or water can be viewed in this hose, empty the hose and clean the air filter housing thoroughly. If the vehicle was submerged, please contact your local dealer to check for water inside the engine crankcase.

⚠NOTE
If a large amount of water is present in the air filter, have your dealer check for water entering the engine crankcase.

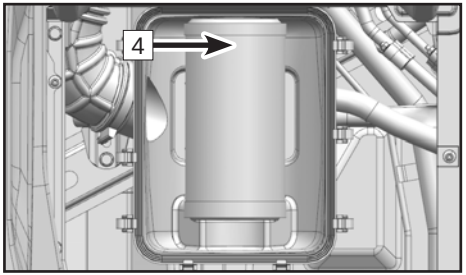
Air Filter Maintenance

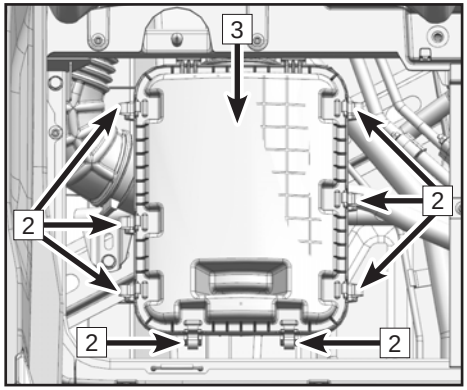
1. Remove the driver seat cushion assy (Refer to the vehicle chapter)
2. Remove the lower right panel of the passenger seat cushion 1
3. Loose the buckle 2 and remove the housing from the air filter 3 .
4. Remove the air filter element 4 .
5. Inspect the air filter and verify it is okay to reinstall. Softly brush off accumulated dust if necessary. Install a new filter as necessary.
6. Reinstall the housing from the air filter 3 . Verify the cover is installed correctly and is sealing properly.
7. Fasten the buckle 2 , install the lower right panel of the driver seat cushion 1 , then install the passenger seat cushion assy.



⚠ NOTE

Do not wash air filters, or use compressed air to clean the paper filter media.





Drying the Air Filter Housing after Submersion

If water has been ingested into the air filter housing. Drain the air filter housing, remove the air filter, and thoroughly dry the components. Do not use compressed air on the paper air filter. Contact your dealer if vehicle performance issues exist.

⚠ CAUTION
Do not operate the engine without an air filter element. Unfiltered air entering into the engine can cause engine wear and damage. Driving without an air filter will also decrease performance and can lead to engine overheating. Major engine damage can result in the vehicle if water has been ingested into the air filter housing, and engine. Have the vehicle serviced by your dealer promptly if your vehicle becomes immersed or stalls in water that exceeds the footrest level. It is important to contact your dealer for service before starting the engine, as water may have been ingested in the air box and engine.

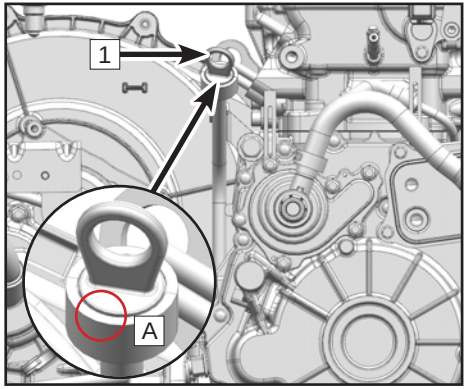
Engine

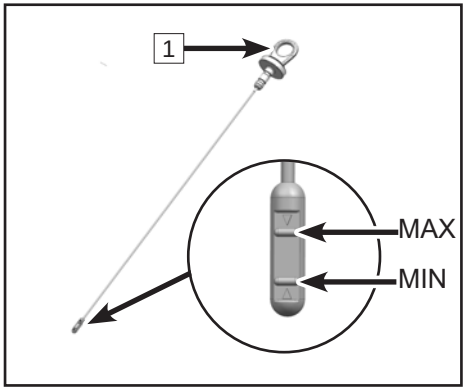
Always check and change the engine oil at the intervals outlined in the Maintenance Schedule. Change oil more frequently under severe use conditions.

To Check the Engine Oil Level

With vehicle on a level surface, check the oil level as follows:

1. Place the vehicle on the plain ground.
2. Start the engine and allow it to idle for (20~30) seconds. Stop the engine.
3. Wait for a few minutes to allow the engine oil to settle down in crankcase.
4. Press 'START/STOP' to power on, raise the rear cargo box (Refer to the controls and features chapter hopper switch)
5. Unscrew the oil dipstick [1] and then wipe it off with a clean rag.
6. Insert the dipstick [1] completely into the oil filler hole,.fitting the upper part of the oil dipstick with the hole face of the dipstick (Refer to area [A]).
7. Plug out the oil dipstick [1] to inspect whether for between the upper (MAX) and lower (MIN) marks.
8. If the engine oil lower than the lower marks (MIN), replenish it with the funnel to the recommended level until the upper line(MAX)(repeat the steps 6th and 7th to inspect the engine oil level.)
9. Confirm the oil level, insert the dipstick completely into the oil filler hole to A. Inspect for any oil drops, if has, wipe it off with a clean rag.
10. Descending the rear cargo box, press 'START/STOP' to turn off the vehicle power.





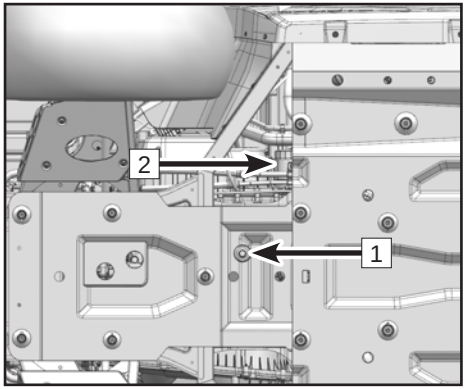
To Change the Crankcase Oil and Engine Oil Filter

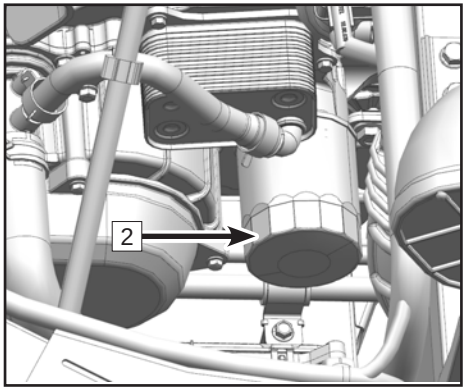
1. Place the vehicle on a level surface.
2. Start the engine and allow it to idle for (2~3) minutes. Stop the engine completely.
3. Place an oil pan under the engine to collect the used oil (remove the drained engine oil from the filter [2])
4. Remove the oil dipstick and wipe it off with a clean rag, then place it on the clean operation table.
5. Remove the magnetic drained bolt and washer [1] (Located at the bottom rear of the vehicle), and drain out the oil.
6. Press 'START/STOP' to power on, raise up the rear cargo box (refer to the controls and features chapter-hopper switch), and remove the oil filter assembly [2] .
7. Verify the engine oil is drained out completely.
8. Take a new oil filter assembly (with an o-ring seal), to apply a fresh film of engine oil on the o-ring seal to lubricate.
9. Install the engine oil filter, and tighten it to the specified torque.

Engine oil filter torque: 12.5 ft-lb. (17 Nm)

10. Clean the debris and dirt from the drain bolt, replace a new washer if necessary.
11. Install the magnetic drained bolt and washer [1] .

Magnetic drain bolt torque： 18.4 ft-lb. (25 Nm)



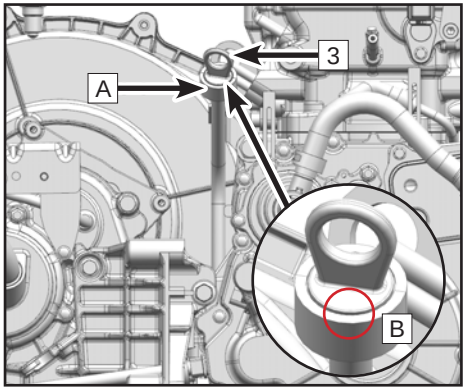


12. Wipe the magnetic drain bolt and engine oil filter around with the clean rag.

13. Replenish the recommended oil to the specified level with the funnel from the dipstick hole [A].

14. Insert the oil dipstick [3] into the oil filler hole, fit the upper part of the oil dipstick with the hole face of the dipstick (refer to area B).

15. Unscrew the oil dipstick [3] to inspect the oil level for between the MAX and MIN, and adjust the oil capacity as the marks, until the oil level reaches the upper line(MAX).

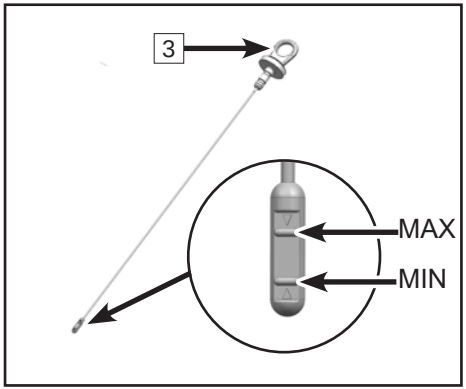


⚠NOTE
Engine oil level should be kept in a proper capacity, or it will afffect the engine running.

16.Insert the oil dipstick [3] into the oil filler hole completely. (refer to area B)

17.Verify the vehicle is parked, start the vehicle, raise down the rear cargo box (Refer to the controls and features chapter-hopper switch), and idle for 30 seconds.

18.Inspect for oil leakage when stopping the engine, if the leakage exists, see your dealer.

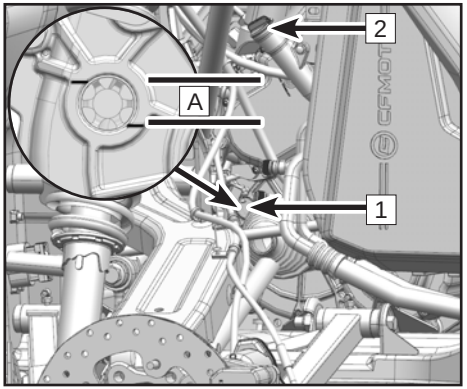


⚠WARNING
Ensure that the vehicle shuts down and parked during changing the oil, which can avoid people injury.

19. Properly disposed the used oil and waste filter.

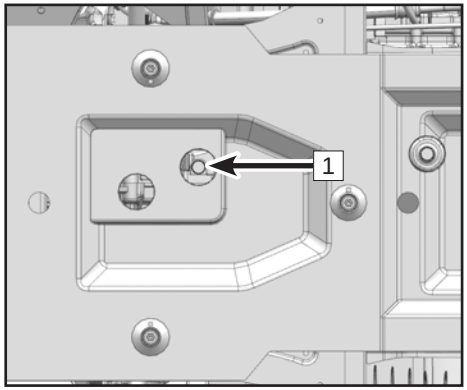
Transmission Oil (Including the rear gear oil) Oil Check

As for the design reasons, the transmission box and rear gear case shared one gearbox.



1. Place the vehicle on a level surface and park it.
2. Lift the vehicle with the Jack in a proper position.
3. Inspect from the view window [1] , inspect the oil level for at area [A] .
4. If the oil level is lower than [A], press 'START/STOP' to turn on the vehicle power, raise up the rear cargo box (refer to the controls and features chapter-hopper switch), unscrew the oil cover [2], use funnel to replenish the recommended oil to area [A] .
5. Tighten the oil cover [2], inspect for the engine oil drops, and if has, wipe it off with the clean rag.
6. Lower the rear cargo box, press 'START/STOP' button to turn off the vehicle power.

Transmission Oil, Rear Gear Case Oil Replacement



1. Ensure that to place the vehicle on a level surface and park it before replace the transmission oil.
2. Replace the oil when the transmission box is warm. (Optimum state: the transmission box is at the preheating state)

⚠WARNING
The temperature of the transmission oil can be very high after riding, it is necessary to have protective measures to avoid scalding.

3. Place an oil pan under the transmission box to collect the used oil.
4. Unscrew the oil cover and wipe it off with a clean rag.
5. Remove the magnetic drained bolt and washer [1] (Located at the bottom rear of the vehicle), and drain out the oil.
6. Verify the engine oil is drained out completely.
7. Clean the debris and dirt from the magnetic drain bolt around, replace a new washer if necessary.
8. Install the magnetic drained bolt and washer [1] , and tighten it with specified torque.

Magnetic drain bolt torque：18.4 ft-lb. (25 Nm)

9. Inspect for the engine oil drops, and if has, wipe it off with the clean rag.

Engine Idle Speed

This vehicle is equipped with an electronic fuel injection system. The throttle body is a vital part of the fuel system which requires very sophisticated adjustment, and was set at the factory. There are no consumer provisions to adjust engine idle speed. If the settings are disturbed, poor engine performance and damage may result. Check the engine idle speed for stability or an abnormal engine idle condition and contact your dealer for service if necessary.

NOTE:

Engine idle：1200 rpm ±50 rpm

Front Gear Case

The front gear case must be checked for oil leaks before operating. If any leaks are found, have your dealer check and repair the vehicle.

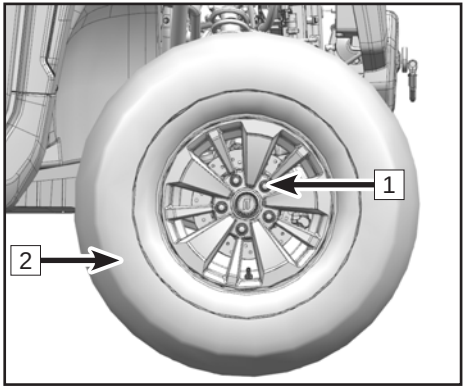
Front Gear Case Inspection

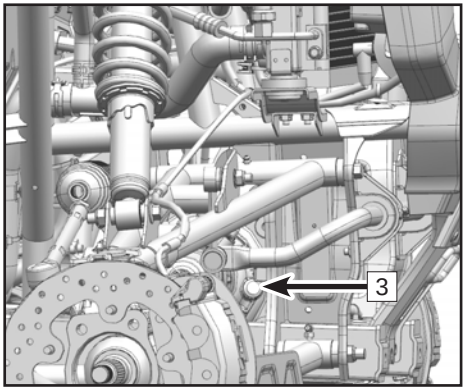
Due to the design of the gear case, the oil level cannot be observed from the filling port; Drain the oil and add the specified capacity of oil into the bridge body.

Replace the front gear case oil

1. Place the vehicle on a level surface and park, shut down the engine completely.
2. Place an oil pan under the front gear to collect the used oil.
3. Lift up the vehicle with the JACK in a proper position.
4. Remove five wheel nuts [1], then remove the front right wheel [2].
5. Remove the bolt [3] and the magnetic drained bolt and washer at the bottom of the front gear case [4], then drain out the front gear case.
6. Drain out the oil completely, install the bolt [4] and tighten it to the specified torque.

Drain Bolt Torque:18.4ft-lb. (25 Nm)





7.Replenish the gear oil

Volume of the gear oil：0.06 gal (0.25 L)

8. Install the bolt and tight it to the specified torque.

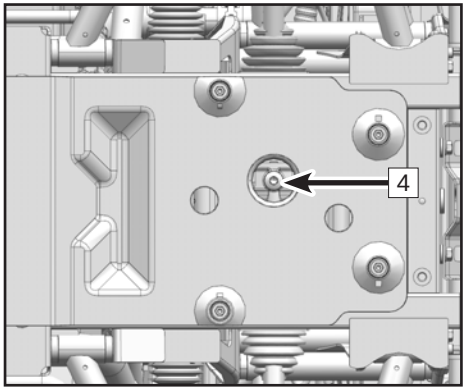
Bolt Torque: 18.4 ft-lb. (25 Nm)

9.Install the front right wheel [2], and finger-tighten five nuts [1] with socket, then tighten the nut [1] diagonally to the specified torque.

Nut Torque：81.1ft-lb~88.5 (110N•m~120N•m)

10. Inspect the front gear case for leakage, check the reasons if the leakage exists.

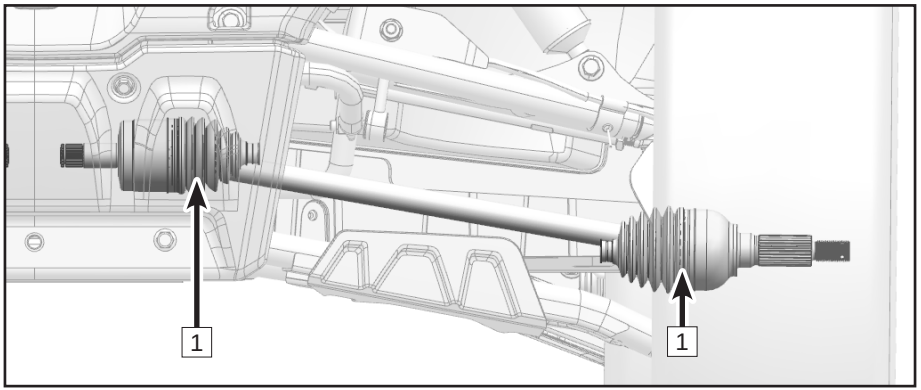
⚠CAUTION
To prevent foreign objects from falling into the gear case when adding oil.



Front and Rear CV DRIVE SHAFT

Front and Rear Axle Boots

The front and rear axle boots (1) must be checked for holes or wear before operating. If any damage is found, have your dealer repair the vehicle.



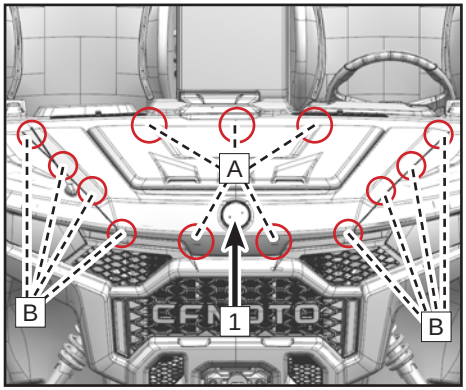
Cooling System

Expansion Box Coolant Level Inspection

1. Place the vehicle on a level surface and park it.

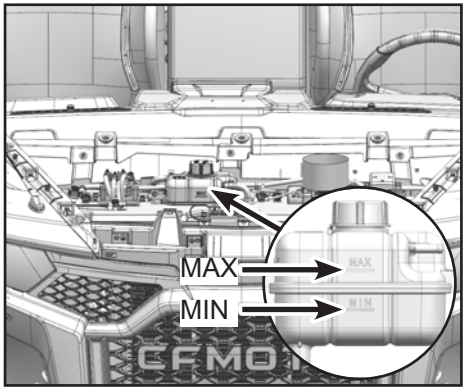
2. If the engine is running before, wait until the engine cooling down completely to inspect the coolant level. The coolant level will be changed due to the engine temperature.

3. Remove five tabs [A], grab the front part of the front middle panel [1]. Along the vehicle head to remove each of the four buckles [B] from the left and right sides, and remove the front middle panel [1].



4. Inspect the expansion box coolant level whether between the MAX and MIN.

5. If the coolant level is at the MIN line or lower, unscrew the expansion box cap to replenish to the MAX line. Tighten the expansion box cap and re-install it to the front middle panel [1].



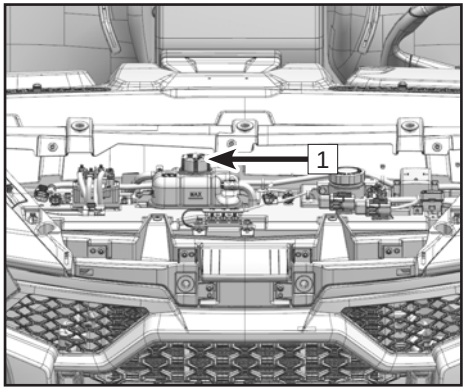
⚠CAUTION
If water is added, have your dealer check the antifreeze content of the coolant as soon as possible. Never add hard water or salt water, as it is harmful to the engine. Under emergency, the distilled water can be used in a short time, the secondary choice can be softened tap water.

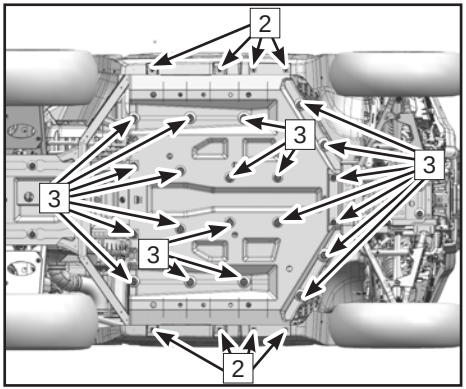
Change the Coolant

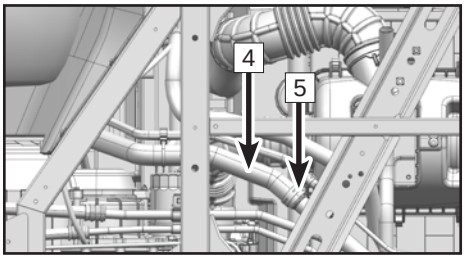
Drain out the coolant

⚠CAUTION
If the engine is running before or still running, do not unscrew the expansion box cap. It is necessary to shut down the engine and wait until the engine cools down completely. To avoid getting injured, loosen the expansion box cap and make two turns to release the pressure, then remove the expansion box cap.

1. Place the vehicle on a level surface and park it.
2. Remove the front middle panel.
3. Remove the expansion box cap [1] .
4. Lift up the vehicle safely, remove the bolts [2] and bolts [3] , remove the skid plate.
5. Place a pan under the inlet pipe of the engine [4] to collect the coolant.
6. Toward the back to lose the clamp [5] , plug out the inlet pipe of the engine [4] to drain out the coolant.
7. After draining the system, thoroughly flush the system with clean tap water. Allow the water to drain completely. Install the inlet pipe [4] , and buckle up the clamp [5]







Coolant Replenishment

1. Press 'START/STOP' button to power on, rotate the AC knob to heating mode (AC version), raise up the rear cargo box.

2. Loosen the exhaust bolt [1] from the exhaust port of engine end (loosen a couple of turns).

3. Open the pressure cover [2] of the expansion box to replenish the coolant until it flow out from the exhaust bolt [1]. Tighten the exhaust bolt and replenish the coolant to Max level line of the expansion box.

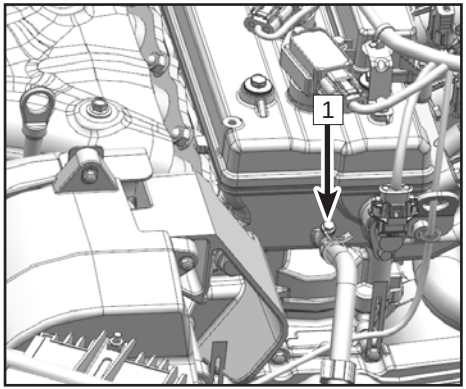
4. Start the vehicle, idle the engine for 30 seconds (do not cover the pressure cap during the warm up), and inspect the exhaust port [3] of the expansion box for coolant flow out. If not, turn off the engine and loosen the exhaust bolt [1] until there are no more bubbles in the overflowed coolant. Tighten the exhaust bolt [1] and replenish the coolant until the MAX line.

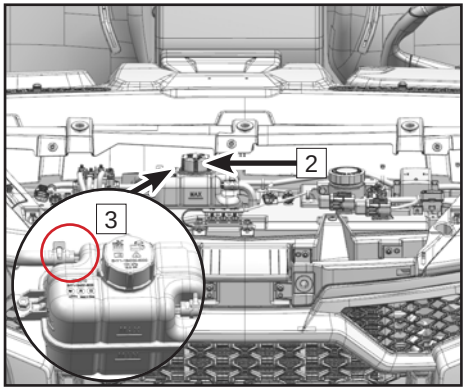
5. Repeat step 4 until the coolant flows out from the exhaust port [3] of the expansion box, cover the expansion box cap. Start the engine until the cooling fan starts, then turn off the engine.

6. Wait until the engine cooling down, doble-check the fluid level of the expansion box to ensure that the fluid level is between the MIN and MAX line.

7. Inspect the cooling system for leakage, if has, contact your dealer to inspect it.

8. Descending the rear cargo box, then install the middle panel.





Recommended antifreeze:

Any high quality ethylene glycol antifreeze containing corrosion inhibitors for aluminum engines. CFMOTO recommended the antifreeze level: -5°C。

Antifreeze and distilled water mixing ratio: 1:1

Coolant capacity(including expansion box): 7.2 qt. (6.8 L)

Coolant expansion box capacity: 1.05 qt. (1 L)

⚠WARNING
If change to the different coolant, contact your dealer to drain out the remained coolant completely. The mixture of different coolant may leads to the engine failure.

CFMOTO coolant is an Organic Acid Technology (OAT) formula. When replenishing or replacing coolant, verify the label states ‘compatible with one or more of the following formulas: OAT or Si-OAT, G30, G40, G12++’

Cleaning the Radiator

Cleaning the external surfaces of the radiator if it is covered with mud or debris will ensure it continues to efficiently cool the engine. Use only low pressure water to clean the radiator. High pressure washers can damage components.

Cleaning the Radiator Condenser

Cleaning the external surfaces of the condenser if it is covered with mud or debris will ensure it continues to efficiently cool the engine. Use only low pressure water to clean the radiator. High pressure washers can damage components.

Spark plug(s)

The spark plug is an important engine component that is easy to inspect. The color and condition of the spark plug can indicate the condition of the engine. The ideal color on the insulator around the center electrode is a medium-to-light tan color for an engine that is being operated normally. If electrode erosion becomes excessive, or if carbon and other deposits are excessive, you should replace the spark plug with the specified plug.

Periodically remove and inspect the spark plug(s) for heat damage and deposits that will cause them to break down and erode. Do not attempt to diagnose spark plug color or engine problems yourself. Instead, take the vehicle to your dealer for service.

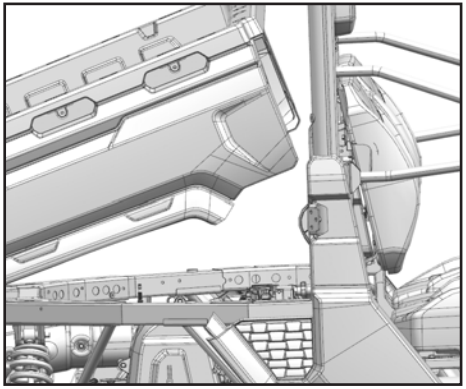
Spark Plug Removal and Inspection

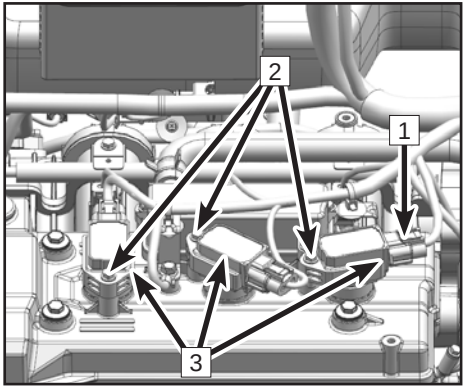
1. Press 'START/STOP' to turn on the power, raise the rear cargo box. (Refer to the controls and features chapter hopper switch)

2. Clean the dirt or deposits from the ignition coil and cylinder area.

3. Plug out three ignition coil plug [1], remove the bolts [2], then remove the ignition coil [3].

⚠CAUTION
The installed sequence in which the ignition coil connector wires are particularly important. If they are plugged in incorrectly, this may result in incorrect ignition sequence and spark timing, which can lead to improper combustion, engine failure, and misfire and shuddering may occur. This may lead to reduced engine output power, increased fuel consumption, and risk of engine damage. Please record the sequence of the ignition coil connector wires when removing them.





4. Remove the spark plug with the spark plug socket [4] and wrench [5] from the tool kit.

5. Check the spark plug gap (A) using a thickness gauge. Adjust the gap if necessary.

Spark plug type：TORCH BN8RTC

Spark plug gap[a]：0.026 in~0.033 in (0.65 mm~0.85 mm)

Installation

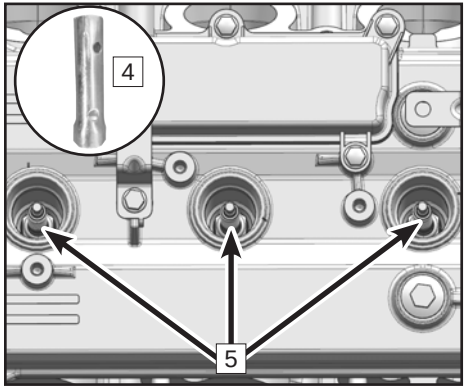
1. Clean the gasket surface. Wipe off any grime from the threads.
2. Install spark plug and tighten to specified torque.

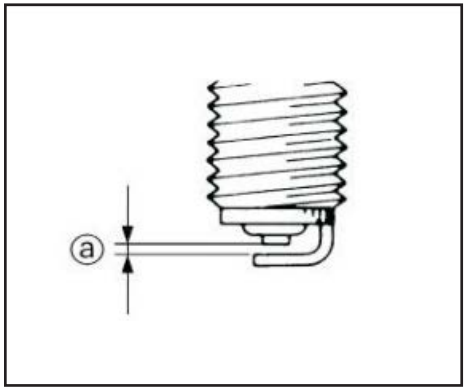
Spark plug torque: 8.8 ft-lb ~ 11.8 ft-lb (12 N•m~16 N•m).

⚠NOTE
If a torque wrench is not available when you are installing a spark plug, a good estimation of the correct torque is that, tight the spark plug by finger first, then use tool to tight from 1/4 to 1/2 position, and tighten to specified torque as soon as possible.

3. Install the ignition coil [3], and bolts [2], plug in the ignition coil plug [1].

4. Descending the rear cargo box, press 'START/STOP' to turn off the vehicle power.





Spark plug removal to expel water from the engine

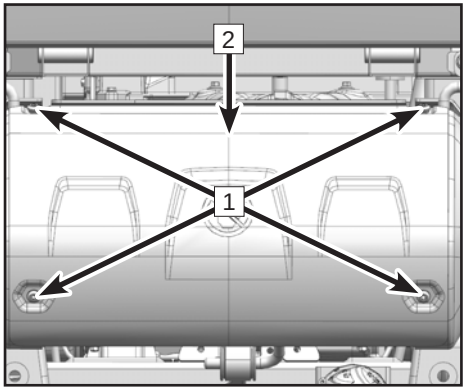
If water has been ingested into the engine, it is important to remove the water as soon as possible by removing the spark plug(s) and using the starter system to rotate the engine for a short period to expel water out of the cylinder(s). Verify that the air box has been drained of water before attempting to expel water. Have a dealer service the engine immediately.

⚠ CAUTION
Major engine damage can result in the vehicle if water is ingested into the engine. Have the vehicle serviced by your dealer promptly if your vehicle becomes immersed or stalls in water that exceeds the footrest level. It is important to contact your dealer for service before starting the engine if water has been ingested. Water inside the engine can cause a 'hydraulic lock' effect that can damage the starter and engine components. The engine oil should be checked for water contamination. Drain and refill with new engine oil if water is found in the crankcase.

Exhaust Spark Arrestor

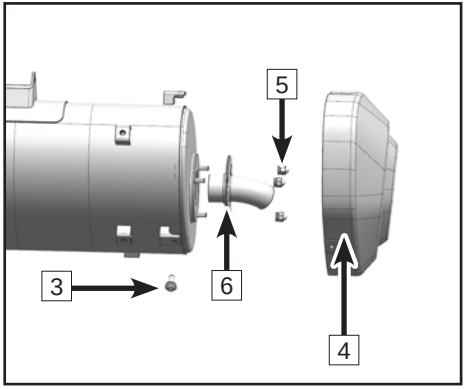
Clean carbon deposits from the spark arrester periodically while the muffler and exhaust are at normal air temperature.

⚠ CAUTION
Ensure that the exhaust pipe and muffler are fully cooled down before servicing the spark arrestor.



1. Remove the bolt, washer and elastic circlip assy [1], then remove the muffler guard Ⅰ [2].
2. Remove the bolt, washer and elastic circlip assy [3], then remove the muffler guard Ⅱ [4].
3. Remove three pairs of bolt, washer and elastic circlip assy [5], then remove the spark arrestor [6] from the left side.(Using the same method to disassemble the right side of the spark arrestor).
4. Use a wire brush to remove any carbon deposits from the spark arrestor [6].
5. Insert the spark arrestor [6] into the muffler, and align with the bolt hole.
6. Install three groups of bolt, washer and elastic circlip assy [5].
7. Install the muffler guard Ⅱ [4], and install the bolt, washer and elastic circlip assy [3].
8. Install the muffler guard Ⅰ [2], and install the bolt, washer and elastic circlip assy [1].
9. Install and tighten the bolts to the specified torque.

Parts [1], Parts [3], Parts [5] torque: 6.6 ft-lb ~ 10.32ft-lb (9N•m~14N•m)



Battery

This vehicle is equipped with a 12 volt/30 Amp-hour, sealed low-maintenance battery (A). Therefore, it is not necessary to check the electrolyte or add distilled water to the battery. If the battery seems to have discharged, housing damaged or other abnormals, consult your dealer to maintenance and replace.

If the vehicle not in used ≥ 2 months, store the battery in dry and cool place. To ensure optimum service life of the battery, keep the battery charged properly to ensure the battery has reserve capacity available at the starter motor. When the motorcycle is used frequently, the battery charge is maintained by the motorcycle charging system.

⚠CAUTION
To avoid battery damage and power loss, do not idle the vehicle for more than 20 minutes. Otherwise, the vehicle cannot be started. If it happens, remove the battery to charge it.

Batteries can also self-discharge from infrequent use. The rate of self-discharge speed varies with battery type and ambient temperature. When environment temperature rises for example, the rate of discharge could increase by a factor of 1 for every 15°C temperature rise.

Battery sulphation

A common battery failure is sulphation. When the battery is short of power for a long time, electrolyte can be sulphated. Sulphation is an abnormal product produced by chemical reaction in battery. If the battery sulphation occurs, the battery discharging can cause the battery plate permanent damage, and cause the battery to be impossible to be charged. When such a fault occurs, the only way is to replace the battery with a new one.

Battery maintenance

Always keep the battery fully charged, or it may damage the battery.

If the vehicle is driven infrequently, inspect the battery voltage weekly with a voltmeter. If it drops to below 12.8 volts, the battery should be charged(contact your dealer for inspection). Do not use an automotive quick-charger that may overload the battery and damage it.
Clean the battery case with a soft brush dipped in a mixture of baking soda and water.
Use a wire brush to remove the corrosion of positive and negative lug plates and positive and negative anodes;
Using traditional battery chargers will reduce battery life.

Battery charger
Contact your dealer for battery charger's specifications.
Battery charging
Remove the battery from the vehicle.

Connect the charger wire, and ensure that the charging current is 1/10 A of the battery capacity, for example: for the capacity of 10 Ah battery, its charging current should be 1 ampere;

Ensure that the battery is fully charged before mounting.

⚠ WARNING
Do not remove the battery' s sealing strip, or the battery will be damaged. Do not mount an ordinary battery in this motorcycle, or the electrical system will not work properly. When removing the battery, firstly disassemble the negative pole, and then the positive pole. During mounting, the connection sequence of positive and negative poles is opposite to that of disassembly.

NOTE:
When charging a maintenance-free battery, always follow the instructions in this manual.

Battery Removal

Place the vehicle on flat ground and park it.
Turn off the power supply of the vehicle.

Open the middle backrest [1] outward, let the back part of the rubber cushion release from the rear bracket assy [2] and lower the middle backrest.

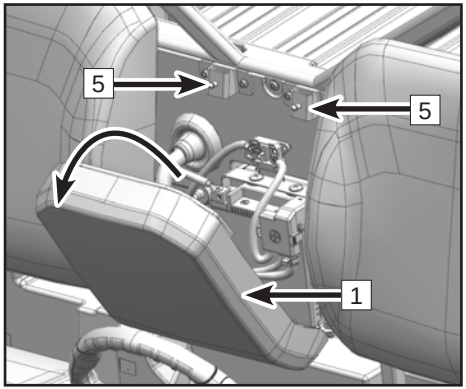
Remove the black negative wire (-);

Remove the red positive pole wire (+);

Remve the bolts [3]

Remove the battery fixed plate assy [4] ;

Remove the battery [5] .



Battery Mounting

Park the vehicle on flat ground and park it;

Turn off the power supply of the vehicle;

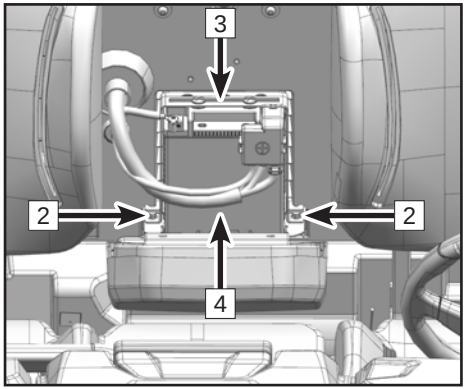
Put into the battery [5] .
Mount the battery fixed plate assy [4] .

Install the bolts [3] .

Install the black negative wire (-);

Install the red positive pole wire (+);

Pull the middle backrest [1] upward and buckle into the rear backet assy [2] .



⚠ WARNING
Avoid direct touching with the skin, eyes and clothing. Always protect eyes when working near the battery. Keep the battery out of reach of children. Keep the battery away from sparks, open flames, cigarettes, or other ignition points. When using or charging batteries in a confined space, ventilate the area. Battery acid detoxification treatment: External: Rinse the touched area with clean water. Internal: See a doctor immediately. Eyes: Rinse the eyes with clean water for 15 minutes and see a doctor immediately.

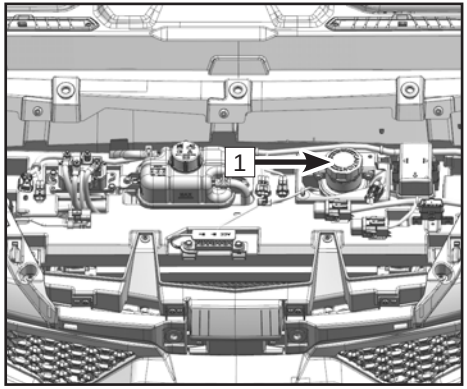
⚠ CAUTION
Improper disassembly and assembly of positive and negative wires may lead to a short circuit between the battery and the vehicle body.

⚠ NOTE
If the vehicle is used infrequently, recharge the battery every two months.

Brakes

Brake Fluid Level Inspection

Before riding, check that the brake fluid level is above the low mark and replenish whenever necessary. Brake fluid reservoir 1 is under the front middle panel (The removal of it refer to the coolant level inspection). Insufficient brake fluid may let air enter the brake system, possibly causing the brakes to become ineffective.



Observe These Precautions:

- When checking the fluid level, make sure the vehicle is on a level surface.
- Use only the designated quality brake fluid. Otherwise, the rubber seals may deteriorate, causing leaks and poor brake performance.
- Recommended brake fluid: DOT 4.
- Refill with the same type of brake fluid. Mixing fluids may result in a harmful chemical reaction and may lead to poor brake performance.
- Be careful that water does not enter the master cylinder reservoir. Water will significantly lower the boiling point of the fluid and lead to poor brake performance.
- Brake fluid may deteriorate painted surfaces or plastic parts. Always clean up spilled fluid immediately.
- As the brake pads wear, it is normal for the brake fluid level to gradually go down. A low brake fluid level may indicate worn brake pads or brake system leakage. Therefore, be sure to check the brake pads for wear before checking the brake system for leakage.
- Have your dealer check the cause if the brake fluid level goes down unexpectedly.



Brake Pad Inspection

Inspect the front and rear brake pads and discs for damage and wear. If the pad thickness (A) is less than 0.078 in. (2.0mm) or the disc thickness (B) is less than 0.21 in. (5.5mm), have your dealer replace them. Replacement of brake components requires professional knowledge. These procedures should be performed by your dealer.

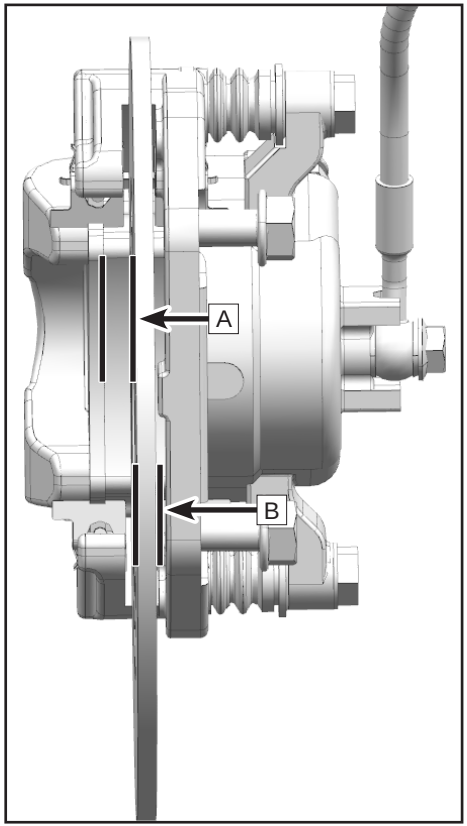
NOTE:

Wheels must be removed to check brake pads.

⚠ CAUTION

After servicing:

- Make sure the brakes operate smoothly and that the lever free play is correct.
- Make sure the brakes do not drag and the brake operation is not spongy.
- All air is bled from the brake system.



Brake Fluid Change

Complete brake system fluid replacement should be performed only by trained service personnel. Have your dealer replace the following components during periodic maintenance, or when they are damaged or leaking:

- Replace the brake hoses every four (4) years.

⚠WARNING
An over-full fluid may cause brake drag or brake lockup, which could result in an accident causing serious injury or death. Maintain brake fluid at the recommended level. Do not overfill.

⚠ WARNING
Never store or use a partial bottle of brake fluid. Brake fluid is hygroscopic, meaning it rapidly absorbs moisture from the air. The moisture causes the drop of boiling temperature of the brake fluid, which can lead to early brake fade and the possibility of accident or severe injury. After opening a bottle of brake fluid, always discard any unused portion.

Brake Light Switch Operation

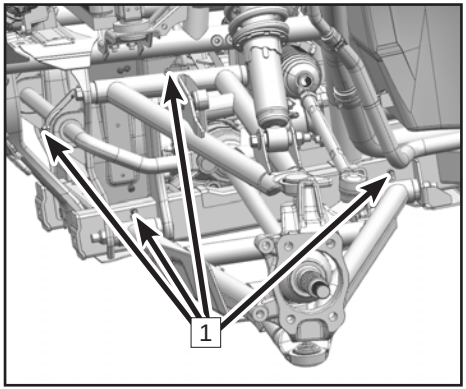
The brake light switch is activated by foot brake pedal pressure, and is properly working when the brake light comes on just as braking takes effect. Check that the switch assembly or the electrical circuit is working properly in case of brake light failure.

Suspension

Some front suspension components of the vehicle do not require maintenance or lubrication. Ensure these components are cleaned regularly, and are not loose or damaged before operating the vehicle.

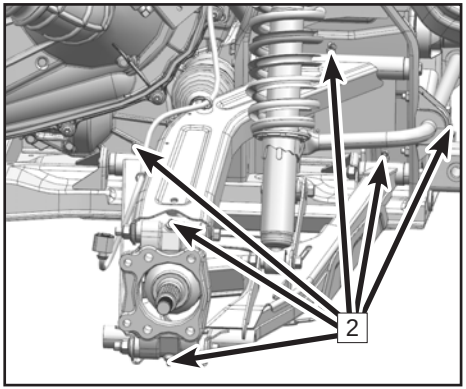
Front Suspension Pivot Lubrication

- Remove the front wheel
- Lubricate the upper and lower pivots of the front suspension.
- Add grease into the upper and lower pivot grease nipples [1] of the front suspension located at the frame with a grease gun until grease lightly flows from the bushing.
- Install the front wheel, and tighten the wheel nut to the specified torque.



Rear Suspension Pivot Lubrication

- Remove the front wheel (Refer to the removal of wheel)
- Add grease into the upper and lower pivot grease nipples [2] of the rear suspension located at the frame with a grease gun until grease lightly flows from the bushing.
- Install the rear wheel, and tighten the wheel nut to the specified torque.



NOTE:

Recommended oil: All seasons grease

NOTE:

Refer to the wheel chapter to remove the front and rear wheels.

Shock Absorber

Shock Preload Adjustment

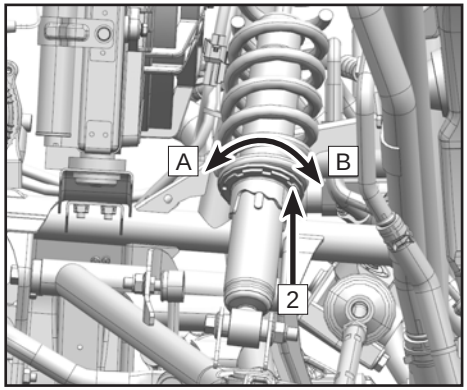
The front and rear shock spring preload and damping can be adjusted to for rider weight, cargo, and riding conditions. Always adjust the shock absorbers on the left and right side to the same setting, and reset them to the initial setting after carrying loads.

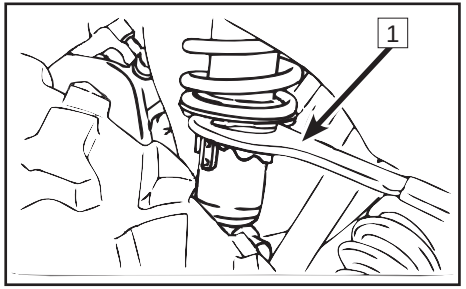
Adjust the spring preload:

A = Soft B = Hard

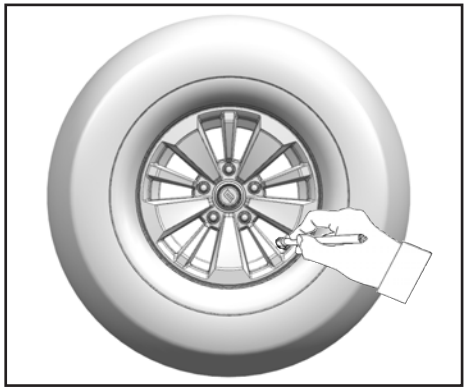
- To increase the spring preload, use the shock adjustment wrench [1] to turn the adjusting seat [2] in direction 'B'.
- To decrease the spring preload,use the shock adjustment wrench [1] to turn adjusting seat [2] in direction 'A'.

⚠NOTE
A special collar wrench [1] is included in the tool kit to make spring preload adjustments.





Wheels



Tire Pressure

Inspect the tire pressure with a tire gauge before operation:

Front: 21 PSI (150 kPa)

Rear: 21 PSI (150 kPa)

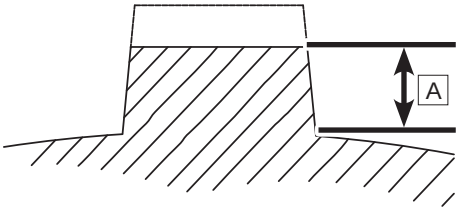
⚠NOTE
Tire pressure greatly affects in controls and stability of the vehicle. Insufficient tire pressure may cause a tire leakage and turn around to the tire. Excessive tire pressure may cause a flat tire. Always follow the tire pressure instructions. Never allow tire pressure to fall below the minimum value. Failure to do so can cause the tires to deflect off the rim.

⚠ NOTE
Inspect the tire pressure when the tire cools down. The tire pressure varies with temperature and altitude. Please re-inspect the tire pressure if any of it changes.

Tread Depth

Inspect the tread depth regularly and replace the tires if the minimum tread depth is less than:

Minimum tread depth (A): **3/32 in. (3.0mm)**

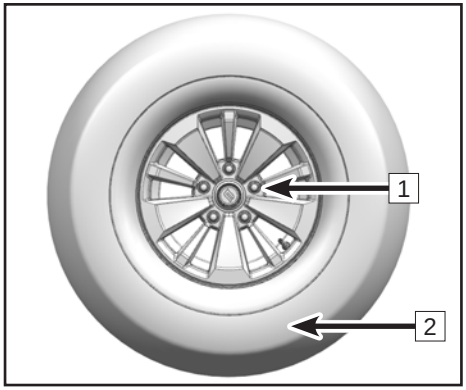


Wheel Bearings

- Lift the vehicle with JACK and support it securely under the frame with the tires off the ground.
- Push and pull the wheels at the outer edges to feel for side play or looseness. See your dealer if there is any side play or looseness.

Wheel Removal

- Ensure vehicle is in park.
- Lift up the vehicle off the ground with the JACK.
- Remove five wheel nuts [1] .
- Remove the wheel [2] .



Wheel Installation

- Ensure vehicle is in park.
- Lift up the vehicle off the ground with the JACK.
- Install the wheel [2] .
- Install five-wheel nuts [1] .
- Descending the JACK, place the vehicle on the ground.
- Put the transmission in P gear, start the electronic parking.
- Tighten the wheel nut to the specified torque.

Wheel nut torque: 81 ft-lb~88 ft-lb. (110 N•m~120 N•m)

Electrical

Fuses

The fuse box 1 and the fuse box 2 is located under the front middle panel and EPB service cover. If a fuse is blown, turn off the main switch and install a new fuse of the specified amperage. Turn on the vehicle power. If the fuse immediately blows again, contact your dealer.

Electronic relays facilitate the operation of various vehicle system functions.The relay is located in the fuse box, contact your dealer to replace it or diagnose it.

⚠ CAUTION

To prevent an accidental short-circuit, turn off the main switch before checking or replacing fuses. Always use a fuse with the correct specified rating. Never use conductive material in place of the proper fuse. Using an improper fuse can cause damage to the electrical system and may lead to a fire.

Fuse Box 1

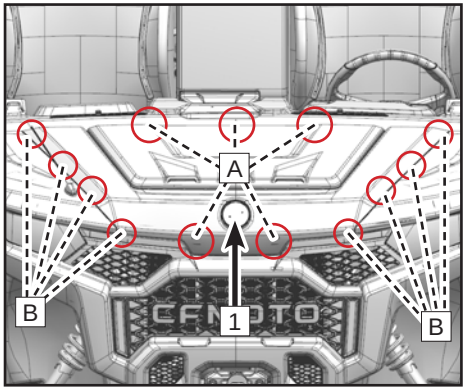
Removal

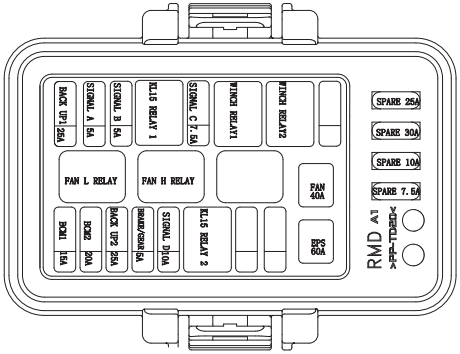
Remove five tabs [A], grab the front part of the front middle panel [1], remove four buckles [B] from each left and right sides in vehicle's head direction, remove the front middle panel [1].

Inspec the fuse or electronic relay in the fuse box 1.

Installation

Reverse the removal procedures for installation.





Fuse Box 2

Removal

Remove the passenger seat assy (Refer to the controls and features chapter)

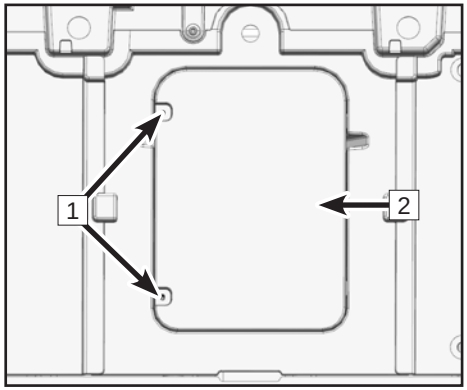
Remove the bolts 1

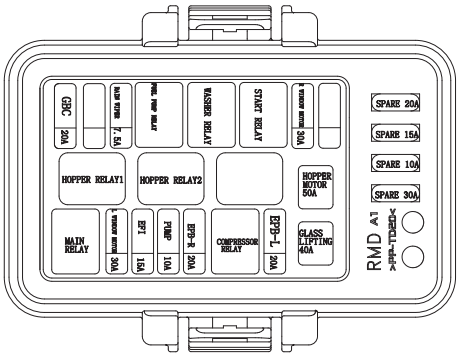
Remove the EPB service cover 2 .

Inspec the fuse or electronic relay in the fuse box 2.

Installation

Reverse the removal procedures for installation.

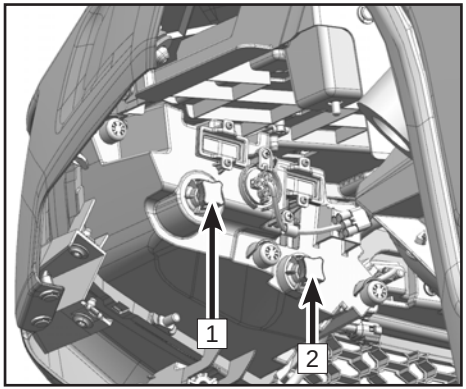




Head Light Adjustment

To adjust the head lights:

- Turn knob 1 to adjust the height of the low/high beam .
- Turn knob 2 to adjust the distance of the low/high beam.



⚠ WARNING

Adjustment of high/low beams should be in accordance with local regulations. The standard is based on the light emitted when the front and rear wheels touch down the ground and the rider sits on the vehicle. It is advisable to have your dealer perform headlight adjustments. Improper adjustment could lead to an accident resulting in serious injury or death.

All lights replacement

The headlight and tail light are LED lights. Have your dealer replace the entire assembly if an LED is damaged or has failed.

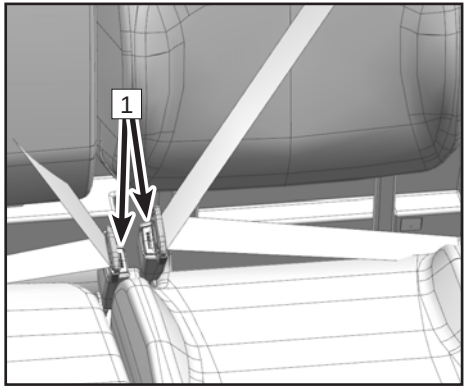
Safety Belt

Regularly inspect all seat belts for normal function before every operation of the vehicle:

1. Insert the lock plate into the latch until it sounds a click. The click sound means it is fastened safely. Verify the lock plate can be inserted smoothly.

2. Press the red button to unlock the latch. Make sure the safety belt can be unlocked smoothly.

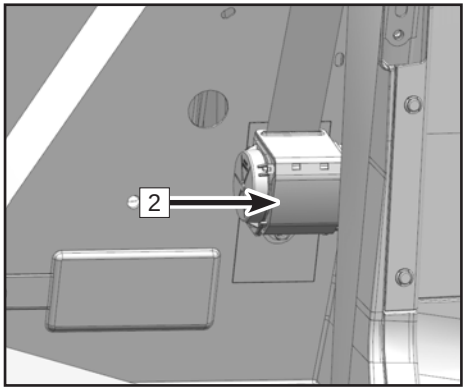
3. Pull out the enire length of the safety belts and inspect them damage, including cuts, wear or stiffening. If damage is found or the mechanisms do not work normally, please contact your CFMOTO dealer to have a qualified technician inspect or replace the safety belt system.



Safety Belt Maintenance

Clean mud and dirt from the safety belt, then wash the whole length of the belt with soft soapy water and allow it to dry. Never use bleach or harsh detergents on the belt.

Flush the latch [1] and retractor [2] mechanisms regularly with clean water. Allow them to dry and test them before operating the vehicle.



CLEANING AND STORAGE

Washing the Vehicle

Keeping your vehicle clean will not only improve its appearance, but it can also extend the life of various components. With a few precautions, your vehicle can be cleaned much like an automobile:

- The best and safest way to clean your vehicle is with a garden hose and a pail of mild soap and water. Harsh detergents may deteriorate rubber components.
- Use a professional type washing mitten, cleaning the upper body first and the lower parts last.
- Pay special attention that the cooling system radiator and axle boots are thoroughly cleaned of all dirt and debris.
- Rinse with water frequently and dry the vehicle with a chamois to prevent water spots.
- Lubricate all pivot points immediately after washing.
- Allow the engine to run for a while to evaporate any water that may have entered the engine air intake or exhaust system.

CFMOTO does not recommend the use of a high pressure type car wash system for washing your vehicle, as water can be forced past seals and damage decals. If a high pressure system is used, exercise extreme care to avoid water damage to the decals, wheel bearings, transmission seals, body panels, brakes, warning labels, air filter intake system and electrical system. Ensure water is not allowed to enter into the air filter or CVT housing. If warning and safety labels are damaged, contact your dealer for a replacement.

Waxing the Vehicle

Your vehicle can be waxed with any non-abrasive automotive paste wax. Avoid the use of harsh cleaners since they can scratch the body finish.

CLEANING AND STORAGE

⚠ CAUTION
Certain products, including insect repellants and other chemicals, will damage plastic surfaces. Use caution when using these products near plastic surfaces.

Perform Repairs

Make necessary repairs to your vehicle before storing to prevent further damage the next time you operate it.

Check the Tires

Inspect the tire treads and overall condition. Set the tires to the specified air pressure.

Oil and Filter

Warm the engine, then stop the engine and change the oil and filter.

Air filter element/ Air filter

Inspect and clean or replace air filter element. Clean the air filter and the sediment tube.

CLEANING AND STORAGE

Check Fluid Levels

Inspect the following fluid levels and change if necessary:

- Front gear case (change yearly or as required if fluid looks dark or contaminated)
- Engine oil level (change yearly or as required if fluid looks dark or contaminated)
- Transmission box oil level (change every two years or as required if fluid looks dark or contaminated)
- Crankcase oil level/transmission oil level (Including the nozzle rear gear case oil level)
- Brake fluid (change every two years or as required if fluid looks dark or contaminated)
- Coolant (change every two years or as required if coolant looks contaminated)
- Fuel Level (add fuel stabilizer according to the product label directions)

Stabilize the Fuel

Fill the fuel tank with fresh fuel that has been treated with fuel stabilizer according to the product label directions. Do not allow untreated fuel to remain in the tank longer than 30 days, as the fuel begins to degrade and can cause damage to the fuel system components.

Battery Storage

Remove the battery from the vehicle and ensure that it is fully charged before placing it in storage. Protect the battery from freezing temperatures, which can damage the battery.

Lubricate

Inspect all cables and lubricate with cable lubricant according to the product label directions. Grease the vehicle lubricating points with all season grease.

CLEANING AND STORAGE

'Fog' the Engine

- Remove the ignition coil, inspect and repair the spark plug.
- Remove the spark plug(s), rotate the piston to the bottom of its stroke, and pour approximately 2.0 oz. (15mL~20mL) of engine oil into the opening.

⚠ NOTE
Do this carefully! If you miss the spark plug hole, oil will drain from the spark plug cavity, and appear to be an oil leak. To access the spark plug hole, use a section of clean hose and a small plastic squeeze bottle filled with the pre-measured amount of oil

- Reinstall the spark plug(s). Torque the spark plug to specification.
- Remove the CVT side cover, and turn the driven pulley assy for several times slowly. Oil will be forced in and around the piston. The piston rings and the cylinder will be coated with a protective film of fresh oil.
- Reinstall the spark plug(s), cap(s), and side panel.

⚠ NOTE
Starting the engine during the storage period will disturb the protective film created by fogging. Corrosion could occur. Never start the engine during the storage period.

Storage Area And Covering

Support the vehicle with stands under the frame with the tires 30mm~40mm (1/2in) off the ground. Be sure the storage area is well ventilated, and cover the machine with an approved cover.

⚠ NOTE
Do not use covers made of plastic or coated materials. They do not allow enough ventilation to prevent condensation, and may promote corrosion and oxidation.

CLEANING AND STORAGE

Preparation for Storage

Clean the entire vehicle thoroughly.

Run the engine for about 5 minutes, stop the engine, then empty all engine oil.

⚠DANGER
Motorcycle oil is toxic. Dispose of used oil properly. Keep the used oil out of reach of children. If skin touches the oil, it should be washed off immediately.

Replenish with new engine oil.

Replenish fuel and the appropriate fuel additive.

⚠DANGER
Gasoline is extremely flammable and explosive under certain conditions. Turn the ignition key to "⊗" position before fueling. Do not smoke. Make sure the area is well ventilated and free of any source of flame or sparks, including any appliance with a pilot light. Gasoline is a toxic substance. Dispose of it properly. Keep it out of reach of children. If skin contacts gasoline, it should be treated immediately.

Reduce tire pressure by at least 20% during storage period.

Raise wheels off the ground using wood boards or other material to keep the vehicle away from moisture.

Spray a corrosion inhibitor on all unpainted metal surfaces to prevent rusting. Avoid spraying on rubber parts or on the brakes.

Lubricate all cables.

Remove the battery. Store it in a cool and ventilated place. Ensure that the battery is fully charged according to the Periodic Maintenance Chart.

Wrap plastic bags over the muffler exhaust pipe to prevent moisture from entering.

Put a cover over the motorcycle to prevent dust and dirt from collecting on it.

CLEANING AND STORAGE

Preparation After Storage

Remove the plastic bags from the muffler.

Charge the battery if necessary, and then mount the battery.

Do all daily safety inspections.

Lubricate any pivot points as necessary.

Take a test ride to verify the vehicle functions normally.

Precautions for the long-term parking

To ensure the engine gets the optimum lubrication, for long-term storage or long-term parking vehicle or new vehicle:

Recommended to warm up the engine every 3 months and idle for 5 to 10 minutes so that the engine can be fully lubricated.

Vehicles that have been disabled for a long time should avoid pulling the high speed immediately after starting, which will cause excessive engine wear and affect the engine life.

Transporting the Vehicle

Follow these procedures when transporting the vehicle:

- Turn off the engine and remove the NFC key to prevent loss during transporting.
- Ensure the fuel cap is installed correctly and secure.
- Ensure the seat is installed correctly and secure.
- Place the gear into the parking position, start the electronic parking and block the front and rear wheels to prevent the vehicle from moving.
- Protect the front and rear frames to prevent the vehicle from sliding or moving during transporting.

VEHICLE ISSUE DIAGNOSIS

This section is intended to guide an average owner to simple items that could cause operating problems. Diagnosis of vehicle issues may require the experience of a dealership technician. Please contact your dealer if a solution is not apparent.

Engine does not turn over

Possible Cause	Solution
Blown fuse	Reset or replace the fuse
Low battery voltage	Recharge battery to 12.8 Vdc – Confirm battery state of health
Loose battery connections	Check all connections and tighten if necessary
Loose starter system electrical connections	Check all connections and tighten if necessary
Engine stop switch	Check function
Start circuit not complete – transmission in gear	Press foot brake or shift transmission to neutral or parking position.

Engine pings or knocks

Possible Cause	Solution
Poor quality or low octane fuel	Replace with minimum E10 or E5 octane unleaded fuel
Incorrect ignition timing.	See your dealer
Incorrect spark plug gap or heat range	Set spark plug gap to specs or replace plugs

VEHICLE ISSUE DIAGNOSIS

Engine stops or loses power

Possible Cause	Solution
Overheated engine	Clean radiator screen and external core; clean engine exterior; See your dealer
Out of fuel	Refuel with minimum E10 or E5 octane unleaded fuel
Kinked or plugged fuel tank vent line	Inspect and replace; See your dealer
Water present in fuel	Replace with new fuel
Fouled or defective spark plugs	Inspect and clean or replace spark plug
Worn or defective spark plug wires	See your dealer
Incorrect spark plug gap or heat range	Set gap to specs or replace plug
Loose ignition connections	Check all connections and tighten
Low battery voltage	Recharge battery to 12.8 Vdc; check charging system – Confirm battery health
Clogged air filter	Inspect and replace as necessary
Reverse speed limiter malfunction	See your dealer
Electronic throttle control malfunction	See your dealer
Other mechanical failure	See your dealer

VEHICLE ISSUE DIAGNOSIS

Engine turns over, Fails to start

Possible Cause	Solution
Engine fails to start	Replenish the fuel
Clogged fuel filter	Inspect, replace if necessary.
Water present in fuel	Replace with minimum E10 or E5 octane unleaded fuel
Fuel bump failure	Inspect the fuel bump and fuse, replace if necessary
Old or non-recommended fuel	Replace with E10 or E5 minimum octane unleaded fuel
Fouled or defective spark plugs	Inspect spark plugs, replace if necessary
No spark to spark plug	Inspect spark plugs, verify stop switch is on
Crankcase filled with water or fuel	Immediately see your dealer
Clogged air filter	Inspect and replace as necessary; Replace spark plugs as necessary
Clogged fuel injector	See your dealer
Low battery voltage	Recharge battery to 12.8 Vdc; check charging system – Confirm battery health
Mechanical failure	See your dealer

VEHICLE ISSUE DIAGNOSIS

Engine backfires

Possible Cause	Solution
Weak spark from spark plugs	Inspect and replace spark plugs as necessary
Incorrect spark plug gap or heat range	Set gap to specs or replace plugs
Old or non-recommended fuel	Replace with minimum E10 or E5 octane unleaded fuel
Incorrectly installed spark plug wires	See your dealer
Incorrect ignition timing	See your dealer
Mechanical failure	See your dealer
Speed limiter malfunction	See your dealer

Engine fails to start

Possible Cause	Solution
Clogged spark plug or defective	Inspect and replace the spark plug if necessary.
Spark plug wires worn or defective	See your dealer
Incorrect spark plug gap or heat range	Set gap to specs or replace plug
Loose electrical connections	Check all connections and tighten
Water present in fuel	Replace with new fuel
Low battery voltage	Recharge battery to 12.8 Vdc; check charging system
Kinked or plugged fuel tank vent line	Inspect and replace
Incorrect used fuel	Replace with minimum E10 or E5 octane unleaded fuel
Clogged air filter element	Inspect the element, replace it if necessary
Reverse speed limiter malfunction	See your dealer
Electronic throttle control malfunction	See your dealer

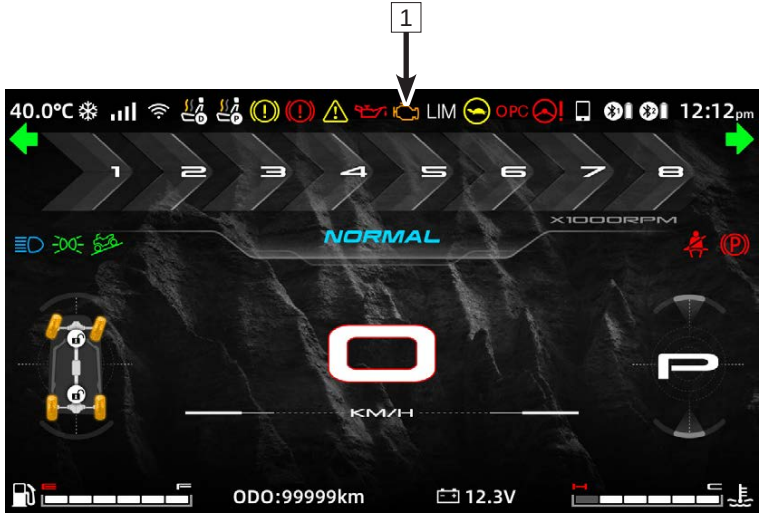
Clogged air filter element	Inspect the element, replace it if necessary
Reverse speed limiter malfunction	See your dealer
Electronic throttle control malfunction	See your dealer

Possible Cause	**Solution**
Other mechanical failure	See your dealer
Fuel mixture may be lean or rich	See your dealer
Fouled fuel or low fuel	Replace or replenish the fuel, clean the fuel system
Low-octane fuel	Replace with minimum E10 or E5 octane unleaded fuel
Clogged fuel filter	Replace with the new filter
High-octane fuel	Replace with minimum E10 or E5 octane unleaded fuel

EFI Malfunction Indicator Light

The Electronic Fuel Injection system on your vehicle contains a self-diagnostic feature that will illuminate the malfunction indicator light (MIL) if it detects a problem. When this indicator flashes, please contact your dealer. In normal operation, the EFI indicator will be off.

The trouble code will displayed on the dashboard. Write down the trouble code and contact your dealer for diagnosis. Your dealer has a EFI tool to diagnose, repair and clear trouble codes.

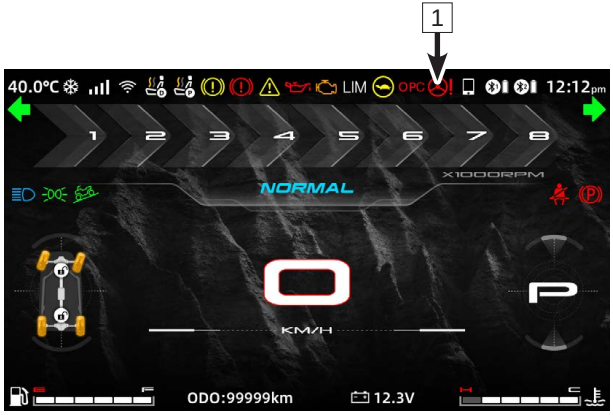


1	EFI Indicator

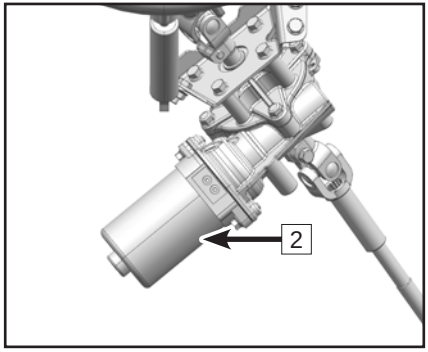
EPS Malfunction Indicator Light

The Electronic Power Steering system on your vehicle contains a self-diagnostic feature that will illuminate the malfunction indicator light (MIL) if it detects a problem,when this indicator flashes, please contact your dealer. In normal operation, the EPS indicator will be on after the ignition switch is turned to ON, but EPS will not work. When the engine is started, the EPS indicator will be off and the EPS starts to function.

Each trouble code consists of 2 digits, denoted by the times of long flash and short flash of EPS MIL indicator. If there is a failure, the EPS indicator will start to flash. Do NOT switch off the machine. Check the flash sequence of EPS indicator. Write down the flash sequence and contact your dealer for diagnosis. Your dealer has a EPI tool required to diagnose, repair and clear trouble codes. Any codes will disappear once the problem has been diagnosed and repaired by your dealer.



1	EPS Indicator



2	EPS Assembly

VEHICLE ISSUE DIAGNOSIS

Electronic Power Steering (EPS) Fault Diagnosis and Solution

Steering without assistance	1. Wire connectors have bad contact or are disconnected 2. The fuse blew out 3. The controller, motor, or sensor is damaged	1. Check whether wire connectors and pins are fully inserted 2. Replace the EPS fuse 3. Contact your dealer
Power assist does not weigh the same for left and right	1. The median output voltage has deviation 2. Controller, motor or sensor is damaged	1. Contact your dealer 2. Contact your dealer
When system is ‘ON’, the steering swings to both sides	1. Motor is mounted backwards 2. Controller or sensor is damaged	1. Contact your dealer 2. Contact your dealer
Steering becomes heavy	1. Battery has power loss 2. Air pressure of the tires (front) is insufficient 3. Motor damage (power reduction)	1. Charge the battery 2. Inflate the tires 3. Contact your dealer
System has noise	1. Motor damage 2. Gap of lower steering shaft assembly or mechanical steering assembly is too large 3. Installation of lower steering shaft assembly or mechanical steering assembly is loose	1. Contact your dealer 2. Contact your dealer 3. Contact your dealer

DECLARATION

Declaration of Drivers exposure to noise level

The undersigned :Lai Min jie ,General Manager

Company name and address of the manufacturer:

ZHEJIANG CFMOTO POWER CO.,LTD.

No.116,Wuzhou Road,Yuhang Economic Development Zone,Hangzhou,311100,

Zhejiang Province P.R.China

Make(trade name of the manufacturer): CFMOTO

Type	Variant(s)	Version(s)	Commercial name(s) (if available)	Category, subcategory and speed index of the vehicle	The Drivers exposure to noise level result (limit: 86.0dB)
CF1000UTR-8	CF1000UTR-8	A	U10 PRO UFORCE 1000 PRO UFORCE PRO 1000 UFORCE PRO	T1a	85.2 dB
		B		T1b	85.4 dB

test method 2 of Annex XIII to EU 1322/2014

DECLARATION

Declaration of Vibration declaration

Driver mass		aws m/s^2	CF1000UTR-8	Requirement
59kg±1kg	T1	Test run1	0.43	Deviation<10% between test run 1/2 and Arithmetic mean,aws<1.25m/s2
	T2	Test run2	0.42	
	A	Arithmetic mean	0.43	
98kg±5kg	T1	Test run1	0.47	Deviation<10% between test run 1/2 and Arithmetic mean,aws<1.25m/s2
	T2	Test run2	0.48	
	A	Arithmetic mean	0.48	

aws: rms value of the weighted seat vibration acceleration measured during a standard roadway test

The tests have been carried out in accordance with the requirements of Annex XIV to Regulation(EU) No 1322/2014

CFMOTO LIMITED WARRANTY

ZHEJIANG CFMOTO POWER CO., LTD gives a limited warranty on all components of your CFMOTO Vehicle against defects in material or workmanship within the period and under the conditions described below.

This warranty covers parts and labor charges for repair or replacement of defective parts and begins on the date of purchase by the original retail purchaser. This warranty is transferable to another owner during the warranty period through a CFMOTO dealer, but any such transfer will not extend the original term of the warranty.

LIMITATIONS OF LIABILITY

THIS WARRANTY IS EXPRESSLY GIVEN AND ACCEPTED IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. TO THE EXTENT THAT THEY CAN NOT BE DISCLAIMED, THE IMPLIED WARRANTIES ARE LIMITED IN DURATION TO THE LIFE OF THE EXPRESS WARRANTIES. INCIDENTAL AND CONSEQUENTIAL DAMAGES ARE EXCLUDED FROM COVERAGE UNDER THIS WARRANTY. SOME STATES/PROVINCES DO NOT ALLOW FOR THE DISCLAIMERS, LIMITATIONS AND EXCLUSIONS IDENTIFIED ABOVE, AS ARESULT, THEY MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC RIGHTS, AND YOU MAY ALSO HAVE OTHER LEGAL RIGHTS WHICH MAY VARY FROM STATE TO STATE, OR PROVINCE TO PROVINCE.

Neither the distributor, CFMOTO dealer nor any other person has been authorized to make any affirmation, representation or warranty regarding the product, and other than those contained in this limited warranty, if made, shall not be enforceable against CFMOTO. CFMOTO reserves the right to modify this warranty at any time, being understood that such modification will not alter the warranty conditions applicable to the products sold while this warranty is in effect.

CFMOTO LIMITED WARRANTY

REGISTRATION

The Dealer must register the vehicle online and provide the completed registration form to ZHEJIANG CFMOTO POWER CO., LTD within ten (10) days of completing the sale of the vehicle. Please note that NO warranty claims will be processed unless the product warranty online registration form is completed and the form is received by ZHEJIANG CFMOTO POWER CO., LTD from the Dealer. Initial dealer preparation and set-up of your vehicle is very important in ensuring trouble-free operation. Purchasing a machine in the crate or without proper dealer set-up will void your warranty coverage.

EXCLUSIONS-ARE NOT WARRANTED

The following are not warranted under any circumstances:

1. Normal wear and tear;
2. Damage caused by abuse, abnormal use, neglect or operation of the product in a manner inconsistent with the recommended operation described in the Owner's Manual;
3. Damage caused by failure to provide proper maintenance and/or storage, as described in the Owner's Manual;
4. Damage resulting from removal of parts, improper repairs, service, maintenance, or use of parts not manufactured or approved by CFMOTO or resulting from repairs done by a person that is not an authorized servicing CFMOTO dealer;
5. Routine maintenance items, tune-ups, adjustments;
6. Damage resulting from accident, submersion, fire, theft, vandalism or any force majeure;
7. Operation with fuels, oils or lubricants which are not suitable for use with the product (see the Owner's Manual);
8. Damages from rust, corrosion or exposure to the elements;
9. Damage resulting from water or snow ingestion;
10. Damage resulting from the racing or any other competitive activity
11. Damage resulting from use of vehicle as a rental vehicle.

12. Damage resulting from the vehicle has been altered or modified in such a way so as to adversely affect its operation, performance or durability, or has been altered or modified to change its intended use;

13. Incidental or consequential damages, or damages of any kind including without limitation towing, storage, telephone, rental, taxi, inconvenience, insurance coverage, loan payments, loss of time, loss of income etc.

WARRANTY COVERAGE PERIOD

This warranty will be in effect from the date of delivery to the first retail consumer. For the applicable period below:

Twelve (12) CONSECUTIVE MONTHS, for private use owners. Any vehicles used for commercial purposes will have their warranty period reduced to six (6) months.

This warranty period is the CFMOTO factory's basic warranty period, and the duration of this warranty may vary by international region based upon local laws, regulations and distributors' policy. Please Note the warranty period you get from dealers may the same or more than this limited warranty, but not less.

If ZHEJIANG CFMOTO POWER CO., LTD covers a full engine replacement or a complete vehicle replacement under this warranty, the warranty period does not get extended and remains the same as the original purchase date of the vehicle at issue.

LIMITATIONS OF WARRANTIES AND REMEDIES

The CFMOTO limited warranty excludes damages or failures caused by abuse, accident, fire, or any other cause other than a defect in materials or workmanship and provides no coverage for consumable components, general wear items, or any parts exposed to friction surfaces, stresses, environmental conditions and/or contamination for which they were not designed or not intended, including but not limited to the following items:

- Bushings
- Wheels and tires
- Suspension components
- Seat components
- Steering components
- Batteries
- Light bulbs/Sealed beam lamps
- Filter
- Lubricants
- Hydraulic components and fluids
- Bearings
- Finished and unfinished surface
- Engine components
- Drive belts
- Circuit breakers/Fuses
- Spark plugs
- Sealants
- Coolants
- Bearings

CONDITIONS TO HAVE WARRANTY COVERAGE

This warranty coverage is available only if each of the following conditions has been fulfilled:

1. The CFMOTO Vehicle must be purchased as new and unused by its first owner from a CFMOTO dealer authorized to distribute CFMOTO Vehicle in the country in which the sale occurred;
2. The CFMOTO specified pre-delivery inspection process must be completed and documented and signed by the purchaser;
3. The CFMOTO Vehicle must have undergone proper registration by an authorized CFMOTO dealer;
4. The CFMOTO Vehicle must be purchased in the country in which the purchaser resides;
5. Routine maintenance outlined in the Owner's manual must be timely performed in order to maintain warranty coverage. CFMOTO reserves the right to make warranty coverage contingent upon proof of proper maintenance. CFMOTO will not honor this limited warranty to any private use owner or commercial use owner if one of the preceding conditions has not been met. Such limitations are necessary in order to allow CFMOTO to preserve both the safety of its products, and also that of its consumers and the general public.

CFMOTO LIMITED WARRANTY

HOW TO OBTAIN WARRANTY SERVICE

The customer must cease using the CFMOTO Vehicle upon the appearance of an anomaly. The customer must notify a servicing CFMOTO dealer within three (3) days of the appearance of a defect, and provide it with reasonable access to the product and reasonable opportunity to repair it. The customer must also present to the authorized CFMOTO dealer, proof of purchase of the product and must sign the repair/work order prior to starting the repair in order to validate the warranty repair. All parts replaced under this limited warranty become the property of CFMOTO.

WHAT CFMOTO DEALER WILL DO

A CFMOTO authorized Dealer must perform warranty coverage repairs at no charge to the customer, even if they are not the dealer that sold the CFMOTO vehicle to the customer and must use CFMOTO OEM parts for all warranty repairs. All vehicles sold by the dealer must be inspected and tested by the dealer to ensure proper performance and operation prior to delivery to the customer. No vehicles may be delivered to a customer without first passing a dealer inspection and an operational test.

EXPORTED PRODUCTS

EXCEPT WHERE SPECIFICALLY REQUIRED BY LAW, THERE IS NO WARRANTY OR SERVICE BULLETIN COVERAGE ON THIS PRODUCT IF IT IS SOLD OUTSIDE THE COUNTRY OF THE SELLING DEALER'S AUTHORIZED LOCATION. This policy does not apply to products that have received authorization for export from CFMOTO. Dealers may not give authorization for export. You should consult an authorized dealer to determine this product's warranty or service coverage if you have any questions. This policy does not apply to products registered to government officials or military personnel on assignment outside the country of the selling dealer's authorized location. This policy does not apply to Safety Bulletins.

Change of Ownership

If you sell your vehicle, any valid remainder of the warranty can be transferred to the new owner. Please record the details of the exchange below and inform an authorized CFMOTO dealer:

Change of Ownership	Original Purchaser	2nd Owner	3rd Owner	4th Owner
Owner Name				
Address				
City				
State / Zip Code				
Telephone				
E-mail				
Date of Purchase				
Odometer Reading				
New Owner Signature				

NOTE:

If a completed Change of Ownership form does not include the required details or is inaccurate, CFMOTO reserves the right to investigate the actual ownership of the product, the service history, and possibly refuse the application for warranty transfer if the requirements have not been fulfilled.

CFMOTO RIDE APP / TELEMATICS MODULE

CFMOTO RIDE is an intelligent, networked, mobile service platform that provides human-vehicle interconnection as its core. CFMOTO RIDE is committed to providing full-featured services for motorsport enthusiasts online. The telematics module, or T-BOX, is an intelligent vehicle terminal that builds a communication bridge between owners and vehicles through the CFMOTO RIDE App. When a T-BOX is equipped, the owner can enjoy the smart features of CFMOTO RIDE. The telematics module is optional in select markets. Check with your dealer to determine if your vehicle is equipped with telematics (T-BOX). Or download the CFMOTO RIDE App and send your question via the [feedback] option, and CFMOTO will check for you.



CFMOTO RIDE App

Scan the QR code to download the CFMOTO RIDE APP from the Apple App Store for iPhone or Google Play for Android.



CFMOTO RIDE Facebook

Scan the QR code to follow CFMOTO RIDE on Facebook and be the first to receive notices on App updates and news.



CFMOTO RIDE Website

Scan the QR code to explore the CFMOTO RIDE intelligent platform on the CFMOTO global website.

CFMOTO RIDE provides various smart features such as the vehicle owner's manual, riding details, navigation, Over-The-Air (OTA) updates, geofence, static reminders, etc. Available features will vary according to vehicle / model configuration and global market requirements. Please download CFMOTO RIDE and enjoy the intelligent riding experience!

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