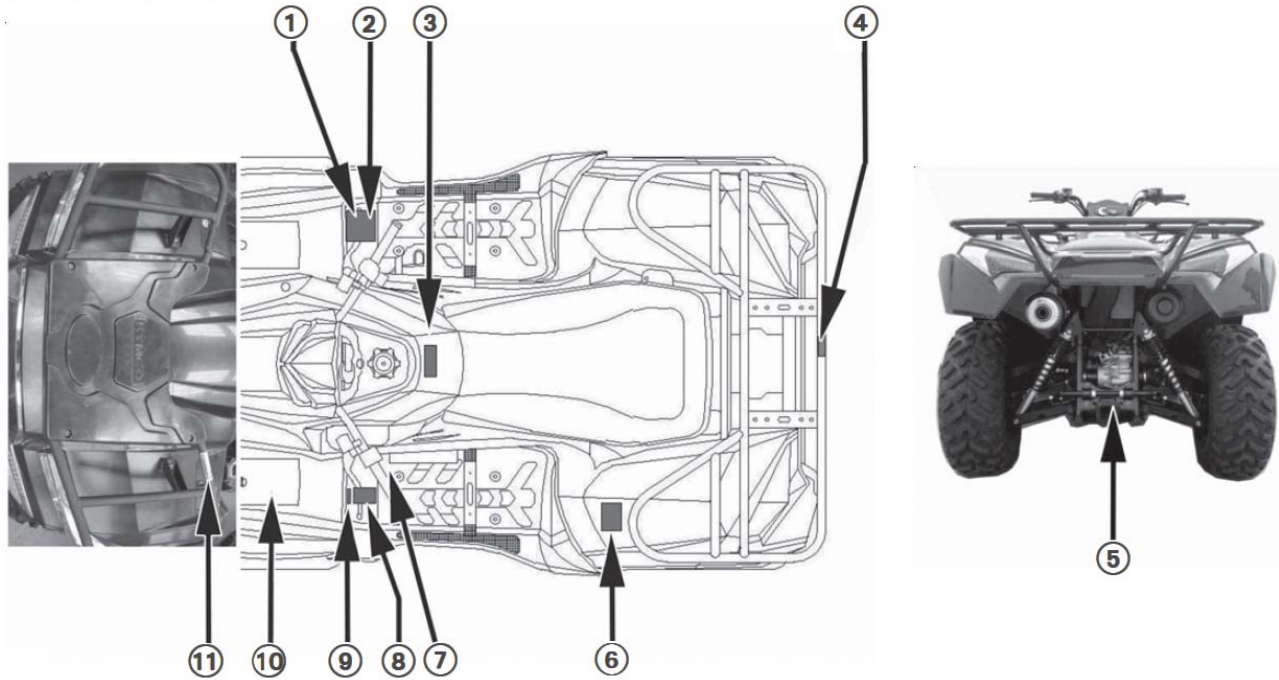


LOCATION OF THE WARNING AND SPECIFICATION LABELS

WARNING INFORMATION

Your KYMCO ATV comes equipped with hangtags and several labels containing important safety information. Anyone who rides this ATV should read and understand this information before operating the vehicle. Like this manual, these labels and tags contain important information that is vital to the safe and proper operation of your ATV. Warning and information labels should be considered permanent parts of the vehicle. If a label comes off or become illegible, contact your KYMCO dealer for immediate replacement.



1

WARNING



NEVER ride as a passenger. Passengers can cause a loss of control, resulting in SEVERE INJURY or DEATH.

2

WARNING



Operating this ATV if you are under the age of 16 increases your chances of severe injury or death.

NEVER operate this ATV if you are under the age of 16.

3

CAUTION

Before shifting, you must stop the machine and return the throttle lever to its closed position until the engine speed to the specified idling speed. Otherwise, the transmission may be damaged.

4

WARNING



Never carry passenger on This carrier.
Maximum load : 85 Kg (187 lbs)

5

WARNING

Exceeding vehicle's towing limit could cause an accident. Reduce speed when towing a trailer. Read operator's manual for details.

MAXIMUM TONGUE WEIGHT :
35 lbs. (16 kg)
MAXIMUM TOWING CAPACITY :
1000 lbs. (454 kg)

87514-LFE9-M35

6

WARNING

Improper tire pressure or overloading can cause loss of control. Loss of control can result in severe injury or death.

Cold tire pressure:
Front: 5.0 psi (35 kPa)
Rear: 4.5 psi (32 kPa)
Maximum weight capacity: 541 lbs (246 kg)

87505-AAAS-M30

7

KYMCO

MODEL: MXU 500i IRS / MXU 500i IRS LE
499 cc 4-Stroke, TBI, Emission Control

KYMCO CARES ABOUT THE ENVIRONMENT!
"W" IS THE CLEANEST AND "W" THE LEAST CLEAN ALLOWED.
"YOUR ATV IS A "1.5"



Kwang Yang Motor Co., Ltd.
Tainan, R.O.C.

KYMCO USA Inc.
Spartanburg, SC 29307 USA 87021-USA-M30

(US ONLY)

8 **WARNING**

Improper ATV use can result in SEVERE INJURY or DEATH

ALWAYS USE AN APPROVED HELMET AND PROTECTIVE GEAR

NEVER USE ON PUBLIC ROADS

NEVER CARRY PASSENGERS

NEVER USE WITH DRUGS OR ALCOHOL

NEVER operate:

- without proper training or instruction
- at speeds too fast for your skills or the conditions
- on public roads - a collision can occur with another vehicle
- with a passenger-passengers affect balance and steering and increase risk of losing control

ALWAYS:

- use proper riding techniques to avoid vehicle overturns on hills and rough terrain and in turns
- avoid paved surfaces - pavement may seriously affect handling and control

LOCATE AND READ OPERATOR'S MANUAL
FOLLOW ALL INSTRUCTIONS AND WARNINGS

9 **WARNING**

NEVER EXCEED 10 MPH (16 KPH) WHEN DIFFERENTIAL IS LOCKED. LOSS OF CONTROL AND SEVERE INJURY OR DEATH MAY RESULT AT HIGH SPEEDS WHEN DIFFERENTIAL IS LOCKED.

87529-LFE9-M30

10 **VEHICLE EMISSION CONTROL INFORMATION**

ENGINE DISPLACEMENT - 400 cc	ENGINE FAMILY - 087001-0000	IGNITION TIMING - NOT ADJUSTABLE
PERMITS FAMILY - AUTOMATIC	VALVE CLEARANCE - 0.10 - 0.12 mm	INTAKE & EXHAUST
THIS VEHICLE IS EQUIPPED TO OPERATE ON GASOLINE THIS VEHICLE COMPLIES TO EC EPA REGULATIONS OF 1.6 kW @ 3000 RPM OF 1.6 kW @ 3000 RPM OF 1.6 kW @ 3000 RPM OF 1.6 kW @ 3000 RPM	SPARK PLUG - NGK D16CR7	SPARK PLUG GAP - 0.6-0.7 mm
NEW ATVs TO 2012 MODEL YEAR	FUEL - UNLEADED GASOLINE ONLY - 88 (R + M) / OCTANE	FUEL - UNLEADED GASOLINE ONLY - 88 (R + M) / OCTANE
ENGINE CHARGED CONTROL SYSTEM	DIL - 100-100 (SEE THE OWNER'S MANUAL)	MANUFACTURED - ** / **** (MONTH / YEAR)
THE	POWER SOURCE	
POWER TAKE OFF WITH CO. LTD.	SPORTLAND, SC 29087 USA	

(US ONLY)

11 **WARNING**

Never carry passenger on This carrier.

Maximum load : 45 Kg (100 lbs)

SAFETY INFORMATION

AN ATV IS NOT A TOY AND CAN BE HAZARDOUS TO OPERATE. An ATV handles differently from other vehicles including motorcycles and cars. An accident can occur quickly, even during routine maneuvers such as turning and riding on hills or over obstacles, if you fail to take proper precautions.

SEVERE INJURY OR DEATH can result if you do not follow these instructions:

- Read this manual and all labels carefully and follow the operating procedures described.
- Never operate an ATV without proper training or instruction.
Beginners should receive training from a certified instructor.
- Always follow the age recommendation:
 - A child under 16 years old should never operate an ATV with engine size greater than 90cc.
- Never carry a passenger on an ATV.
- Always avoid operating an ATV on any paved surfaces, including sidewalks, driveways, parking lots and streets.
- Never operate an ATV on any public street, road or highway, even a dirt or gravel one.

- Never operate an ATV without wearing an approved motorcycle helmet that fits properly. You should also wear eye protection (goggles or face shield), gloves, boots, long-sleeved shirt or jacket, and long pants.
- Never consume alcohol or drugs before or while operating this ATV.
- Never operate at speeds too fast for your skills or the conditions. Always go at a speed that is proper for the terrain, visibility and operating conditions, and your experience.
- Never attempt wheel, jump, or other stunt.
- Always inspect your ATV each time you use it to make sure it is in safe operating condition. Always follow the inspection and maintenance procedures and schedules described in this manual.
- Always keep both hands on the handlebars and both feet on the footboards of the ATV during operation.
- Always follow proper procedures for turning as described in this manual. Practice turning at low speeds before attempting to turn at faster speeds. Do not turn at excessive speed.
- Never operate on excessively rough, slippery or loose terrain until you have learned and practiced the skills necessary to control the ATV on such terrain. Always be especially cautious on these kinds of terrain.
- Always go slowly and be extra careful when operating on unfamiliar terrain. Always be alert to changing terrain conditions when operating the ATV.

- Always follow proper procedures for climbing hills as described in this manual. Check the terrain carefully before you start up any hill. Never climb hills with excessively slippery or loose surfaces. Shift your weight forward. Never open the throttle suddenly. Never go over the top of a hill at high speed.
- Always follow proper procedures for going down hills and for braking on hills as described in this manual. Check the terrain carefully before you start down any hill. Shift your weight backward. Never go down a hill at high speed. Avoid going down hill at an angle that would cause the vehicle to lean sharply to one side. Go straight down the hill where possible.
- Always follow proper procedures for crossing the side of a hill as described in this manual. Avoid hills with excessively slippery or loose surfaces. Shift your weight to the uphill side of the ATV. Never attempt to turn the ATV around on any hill until you have mastered the turning technique described in this manual on level ground. Avoid crossing the side of a steep hill if possible.
- Never operate the ATV on hills too steep. Practice on smaller hills before attempting larger hills.
- Always use proper procedures if you stall or roll backwards when climbing a hill. To avoid stalling, maintain a steady speed when climbing a hill. If you stall or roll backwards, follow the special procedure for braking described in this manual. Dismount on the uphill side or to a side if pointed straight uphill. Turn the ATV around and remount, following the procedure described in this manual.

 **WARNING**

POTENTIAL HAZARD

Improper handling of gasoline.

WHAT CAN HAPPEN

Gasoline can catch fire and you could be burned.

HOW TO AVOID THE HAZARD

Always turn off the engine when refueling.

Do not refuel right after the engine has been running and is still very hot.

Do not spill gasoline on the engine or exhaust pipe/muffler when refueling.

Never refuel while smoking, or while in the vicinity of sparks, open flames, or other sources of ignition such as the pilot lights of water heaters and clothes dryers.

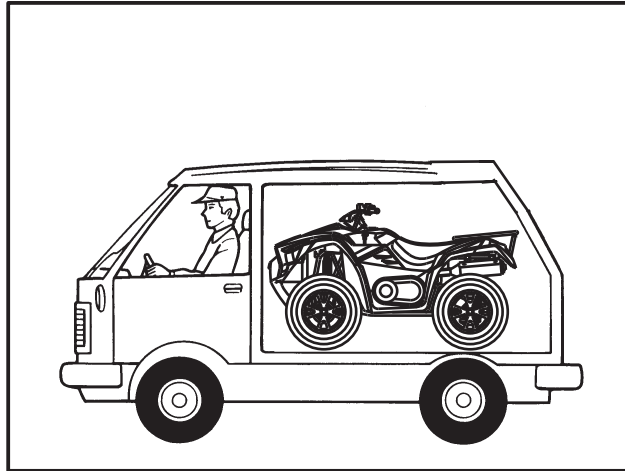
WHAT CAN HAPPEN

Gasoline is poisonous and can cause injuries.

HOW TO AVOID THE HAZARD

If you should swallow some gasoline or inhale a lot of gasoline vapor, or get some gasoline in your eyes, see your doctor immediately.

If gasoline spills on your skin, wash with soap and water. If gasoline spills on your clothing, change your clothes.



⚠ WARNING

POTENTIAL HAZARD

Starting or running the engine in a closed area.

WHAT CAN HAPPEN

Exhaust fumes are poisonous and may cause loss of consciousness and death within a short time.

HOW TO AVOID THE HAZARD

Always operate your machine in an area with adequate ventilation.

DESCRIPTION AND MACHINE IDENTIFICATION

IDENTIFICATION NUMBER RECORDS

Record the keys identification number, frame serial number and engine serial number information for assistance when order replacement parts.

IGNITION SWITCH KEY NO.

RIGHT STORAGE COMPARTMENT
LOCK AND OPEN KEY NO.

FRAME NO. _____

ENGINE NO. _____

KEYS IDENTIFICATION NUMBER

The keys identification number is stamped on the hang tag as shown in the following illustration.

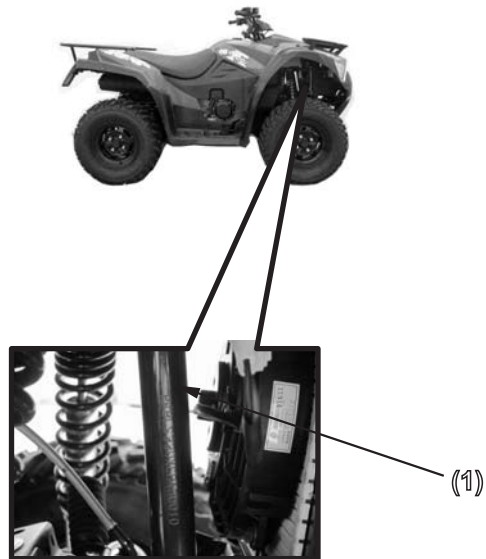


(1) Ignition switch keys

(2) Right storage compartment lock and open keys

FRAME SERIAL NUMBER

The frame serial number is stamped on the front of the frame.



(1) Frame serial number

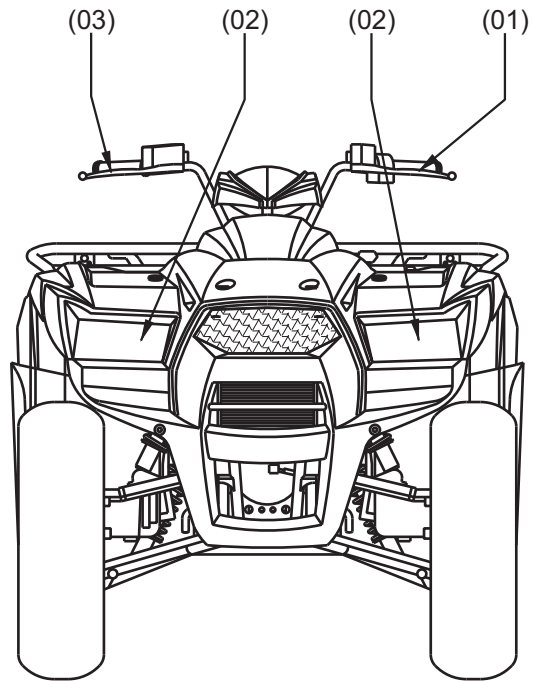
ENGINE SERIAL NUMBER

The engine serial number is stamped on the left crankcase.



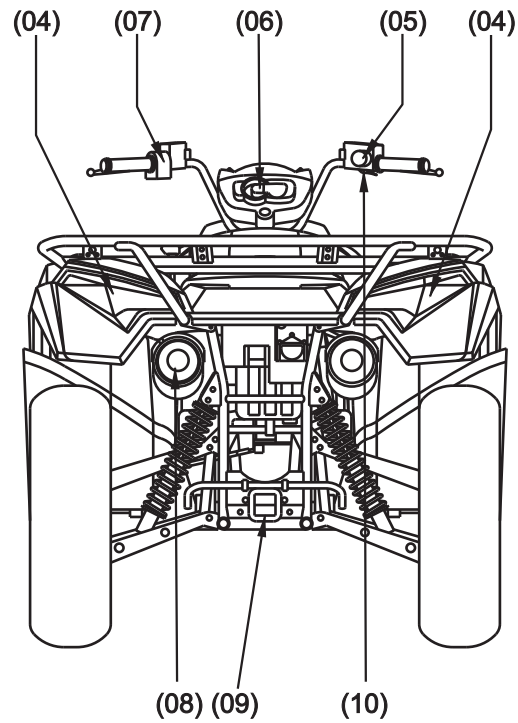
(1) Engine serial number

PARTS LOCATION



- (01) Rear brake lever
- (02) Headlights/Position lights
- (03) Front brake lever

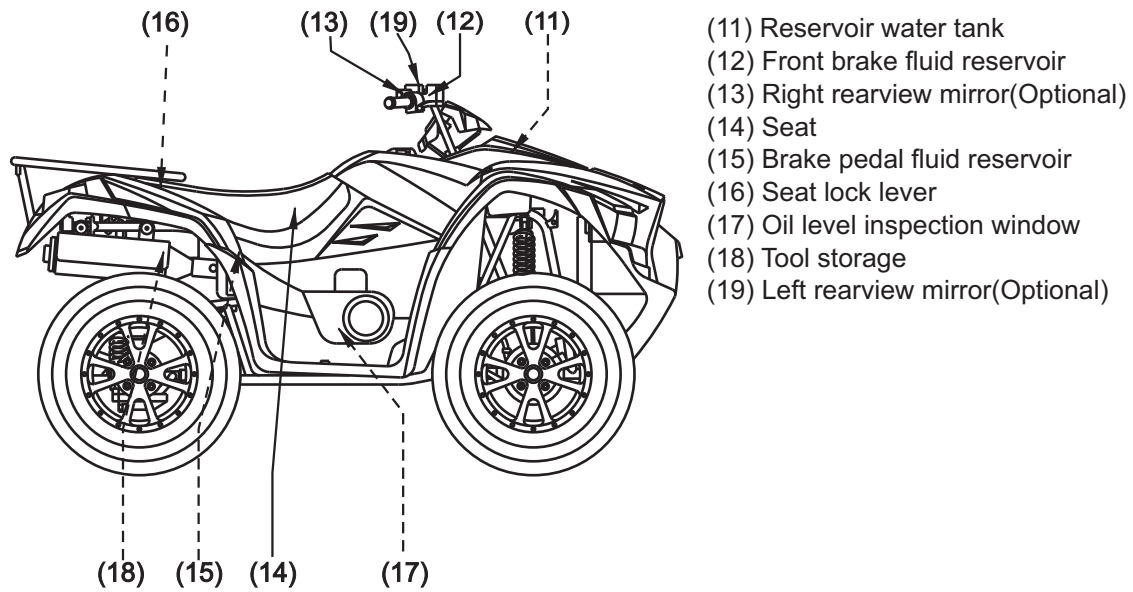
NOTE: Your scooter may differ slightly in appearance from the images in this manual.



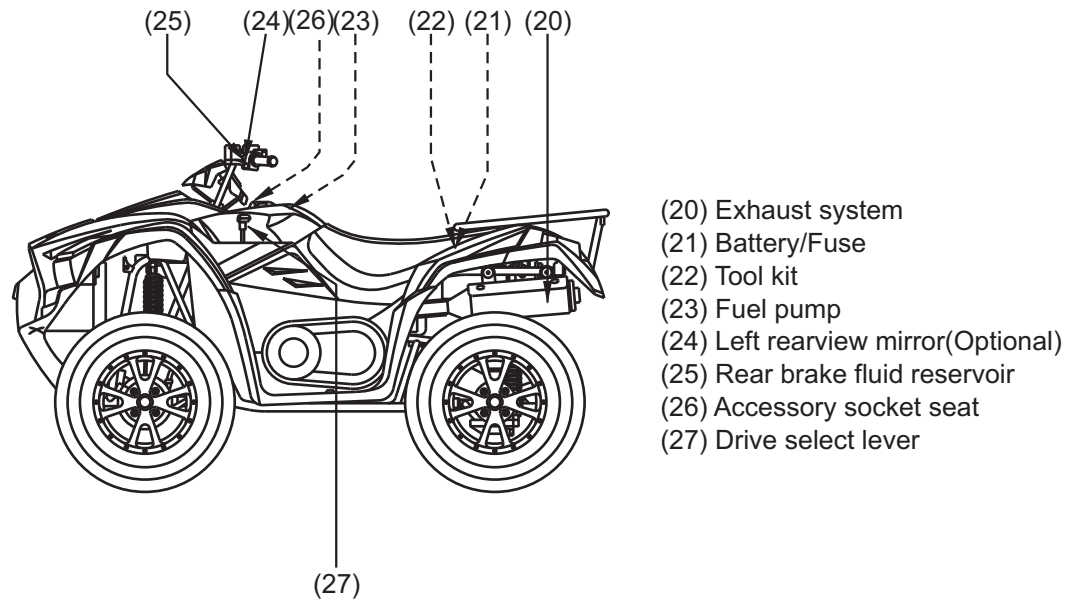
- (04) Taillights/Brake lights
- (05) 2WD/4WD select switch and differential lock switch
- (06) Instrument and indicators
- (07) Headlight dimmer switch
- Starter button
- Engine Stop Switch

- (08) Spark arrester
- (09) Trailer hitch
- (10) Throttle lever

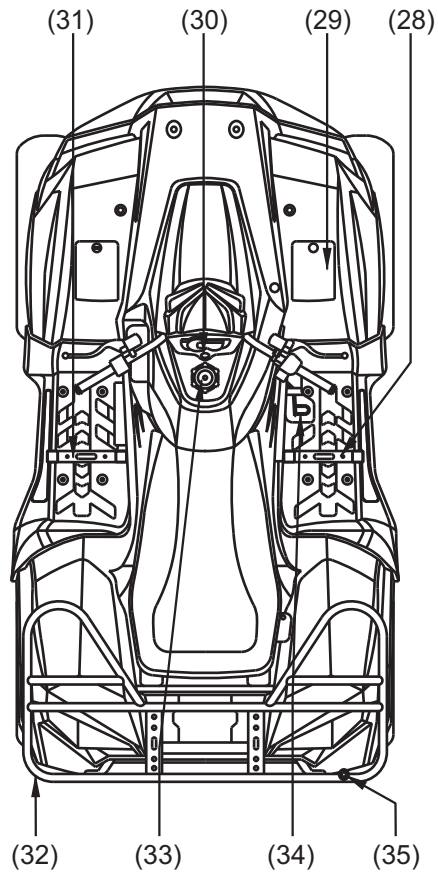
NOTE: Your scooter may differ slightly in appearance from the images in this manual.



NOTE: Your scooter may differ slightly in appearance from the images in this manual.



NOTE: Your scooter may differ slightly in appearance from the images in this manual.



- (28) Right footpeg
- (29) Owner's manual storage
- (30) Ignition switch
- (31) Left footpeg
- (32) Rear cargo rack
- (33) Fuel fill cap
- (34) Rear brake pedal
- (35) Flag pole bracket
- (36) Front cargo rack

NOTE:

The machine you have purchased may differ slightly from those shown in the figures of this manual.

CONTROL FUNCTIONS

IGNITION SWITCH

Functions of the respective switch positions are as follows:

OFF:

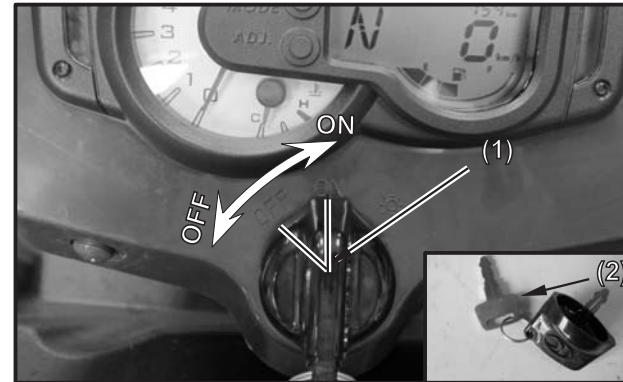
All electrical circuits are switched off . The key can be removed in this position.

ON :

All electrical circuits are switched on.
The engine can be started.
The key can not be removed.

"  ":

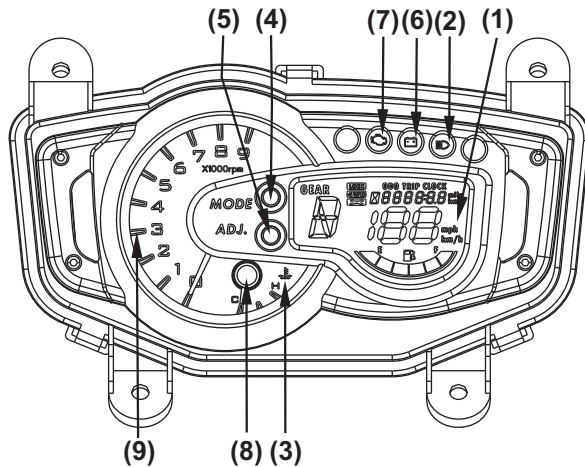
The ignition switch is ON while the position light and taillight will light.
All electrical circuits are switched on.
The engine can be started.
The key can not be removed.



(1) Ignition switch

(2) Key

INSTRUMENTS AND INDICATOR



- (1) Multi-function display
- (2) High beam indicator
- (3) Coolant temperature warning indicator
- (4) ADJ button
- (5) MODE button
- (6) Battery low voltage indicator light
- (7) CELP indicator
- (8) Coolant temperature gauge
- (9) Tachometer

- (1) Multi-function display
The display includes the following functions:
Speedometer
Odometer/Tripmeter
Digital clock
4WD indicator/EFI system electric parts fault indicator
Differential lock indicator
Fuel gauge
Gear select display
Engine running time
- (2) High beam indicator
The ignition switch is at the "☀" position, the high beam indicator will light when the headlight switch to select High beam (≡D).
- (3) Coolant temperature warning indicator
When the coolant temperature reaches a specified level, this indicator comes on to warn that the coolant temperature is too hot. If the indicator comes on during operation, stop the engine as soon as it is safe to do so and allow the engine to cool down for about 10 minutes.

(4) ADJ button

This button is used to select ODO, TRIP A and TRIP B.

This button is also used to adjust the time and reset the tripmeter.

(5) Mode button

This button is used to select km/h, mph, km and mile.

This button is also used to adjust the time and reset the trip meter.

(6) Battery voltage too low warning Indicator

While user starting the engine, if the battery voltage is too low. The indicator will Bright light. Reminded user wanted to charge or replace new battery .

(7) CELP indicator

If flashing, it indicates that a fault has been detected in the scooter's FI or electrical system. Requires immediate inspection by a KYMCO dealer.

■ NOTE: The CELP indicator lights momentarily when the scooter is turned ON before the engine is running.

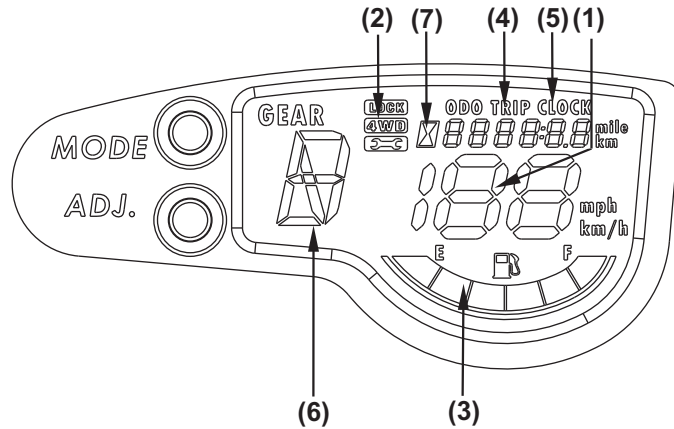
(8) Coolant temperature gauge


When the coolant temperature reaches a specified level to H position, this gauge comes on to warn that the coolant temperature is too hot. If the indicator comes on during operation, stop the engine as soon as it is safe to do so and allow the engine to cool down for about 10 minutes.

(9) Tachometer

Indicates the engine speed in the revolutions per minute(RPM).

Multi-function display

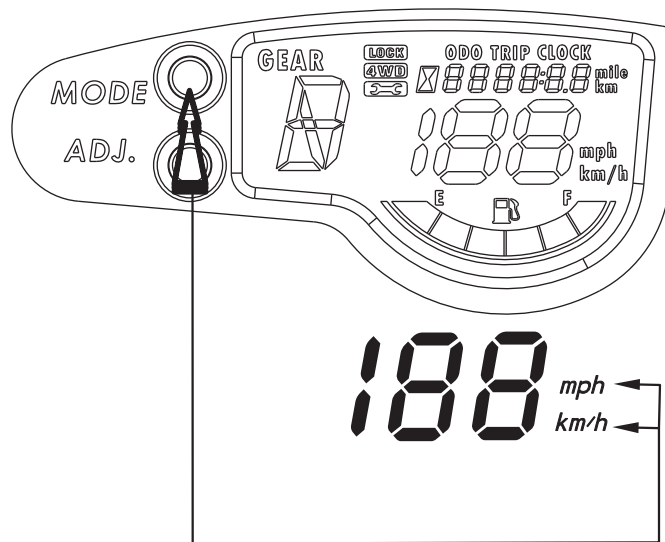


- (1) Speedometer
- (2) 4WD/LOCK/  indicator
- (3) Fuel gauge
- (4) Odometer/Tripmeter
- (5) Digital clock
- (6) Gear select display
- (7) Engine running time

(1) Speedometer

Shows riding speed in km/h or mph.

Press and hold MODE button for more than 2 seconds to select mph or km/h.



(2)-1 Differential lock indicator

The front axle is equipped with a lockable differential that allows the operator to choose between an open differential or a closed differential in low traction situations.

If the differential is in lock manner.

The lock indicator will be activated.

(2)-2 4WD indicator

Shows the drive mode is in the 4WD.

Shows the drive mode isn't in the 2WD.

(2)-3 EFI system electric parts fault indicator

Turn the ignition switch to "ON" position

The indicator will be lighting until the engine starting

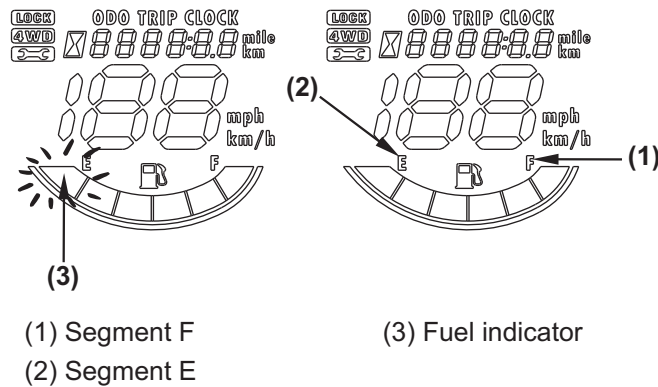
If no failure code, the indicator would be turned off.

If the failure code happens, the indicator would be turned on



(3) Fuel gauge

The fuel gauge shows the approximate fuel supply available in a graduated display. The normal operating fuel range is with the section between the segment F and segment E. When the segment E or the fuel indicator (3) flashes, fuel will be low and you should refill the tank as soon as possible.



(1) Segment F

(2) Segment E

(3) Fuel indicator