



KYMCO



YAGER 200i ***OWNER'S MANUAL***

Do not remove this Owner's Manual from the vehicle. Read this manual carefully before operating the vehicle as it contains important safety information.

This Owner's Manual contains important information on safety, operation and maintenance of your KYMCO Yager scooter. Anyone who operates your scooter should carefully read and understand the contents of this manual before riding the scooter. For your safety, understand and follow all of the warnings contained in this Owner's Manual and the labels applied to your scooter. This Owner's Manual should be considered a permanent part of the vehicle. Keep it with your scooter at all times.

ON-ROAD USE ONLY This scooter has been designed to be used on the road.

Particularly important information is called out in this manual by the following icons and notations:



The **SAFETY ALERT** symbol with the exclamation point in the triangle means **ATTENTION! BE ALERT! YOUR SAFETY CAN BE AFFECTED.**



Failure to follow instructions associated with a **WARNING** symbol could result in severe injury or death to the rider, a passenger, a bystander, or a person inspecting or repairing the scooter.



A **CAUTION** symbol indicates that special precautions must be taken to avoid damaging the scooter.



The **NOTE** symbol indicates key information about a procedure, or clarifies an operation.

California Proposition 65



This product contains or emits chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

TABLE OF CONTENTS



Manual Icon Legend	(inside of front-cover)	
CA Prop 65 Warning	(inside of front-cover)	
Table of Contents	1	
SECTION 1 - SAFETY	2 - 6	
Foreword	2	
Scooter Safety	3 - 4	
Load Limits & Guidelines	5	
Accessories & Modifications	6	
SECTION 2 - CONTROLS & FEATURES	7 - 28	
Locations of Parts & Controls	7 - 8	
VIN & ESN	9	
Keys	10	
Ignition Switch	10	
Instruments	11 - 16	
Multifunction Display	12 - 17	
Trip-meter	12 - 13	
Oil Service Indicator	13 - 14	
Fuel Level Gauge	14	
Clock	15 - 16	
Right-hand Handlebar Switch	18	
Engine-stop Switch	18	
Electric Start Button	18	
Left-hand Handlebar Switch	18 - 19	
Headlight Dimmer Switch	18	
Turn Signal Switch	19	
Horn Button	19	
Brakes	20	
Fuel Filler Cap	20 - 21	
Seat	22	
Under-seat Storage Compartment	23	
Helmet Posts	24	
Passenger Pegs	25	
Main Stand	26	
Side stand	26	
Headlight Aim Adjuster	27	
Diagnostic Tool Connector	28	
SECTION 3 - OPERATION	29 - 37	
Break-in Recommendations	29	
Tire Break-in	30	
Troubleshooting	30	
Pre-ride Inspection	31	
Starting the Engine	32 - 33	
Ignition Cutoff	34	
Riding Your Scooter	34 - 36	
Parking Your Scooter	37	
SECTION 4 - MAINTENANCE	38 - 67	
Importance of Maintenance	38	
Maintenance Schedule	39 - 41	
Tool Kit	42	
Crankcase Breather Drain	42	
Engine Oil Recommendation	43	
Engine Oil Level Inspection	43 - 44	
Engine Oil Change	44 - 46	
Engine Oil Screen Cleaning	46 - 47	
Engine Oil Filter Change	48 - 49	
Transmission Fluid Change	50	
Air Filter Maintenance	50 - 51	
Throttle Operation	51	
Throttle Free-play Adjustment	52	
Spark Plug	52	
Coolant Level Inspection	53	
Coolant Replacement	54	
Suspension Adjustment (spring preload)	55	
Side Stand Inspection	55	
Brake Fluid Inspection	56	
Brake Pad Inspection	56 - 57	
Battery	57 - 59	
Fuses	59	
Tires	60 - 62	
Chassis Inspection	62	
Cleaning Your Scooter	63 - 64	
Storage	65 - 66	
Maintenance Record	67	
Specifications	68	
Emission Information & EPA Warranty	69 - 70	
KYMCO Limited Scooter Warranty	71	
Index	72	
Identification Numbers Record	(inside of back-cover)	

SECTION 1 - FOREWORD & SAFETY INTRODUCTION



Thank you for purchasing this KYMCO Yager 200i scooter, and welcome to the KYMCO riding family. Please read this Owner's Manual carefully before riding so that you will be thoroughly familiar with the proper operation of your scooter's controls, its features, its capabilities, and its limitations.

To ensure a long, trouble-free life for your scooter, provide it with the proper care and maintenance as described in this manual.

For replacement parts and accessories, you should always use genuine KYMCO products, as they have been specially designed for your vehicle and manufactured to meet KYMCO's demanding standards.

Keep this Owner's Manual aboard your scooter at all times, so that you can refer to it whenever you need information. This manual should be considered a permanent part of the scooter and should remain with the scooter when it is sold.

All information, illustrations, photographs and specifications contained in this manual are based on the latest product information available at the time of publication. Due to improvements or other changes, there may be information in this manual that differs slightly from your vehicle. KYMCO reserves the right to make product and publication changes at any time, without notice, and without incurring any obligation.

IMPORTANT SAFETY INFORMATION

Your scooter can provide you many years of service and pleasure if you take responsibility for your own safety and understand the challenges that you can meet on the road. There is much that you can do to protect yourself when you ride. You will find many helpful recommendations throughout this manual. Here are some very important safety tips:

Wear a helmet

Scooter safety equipment starts with a quality helmet. One of the most serious injuries you can suffer in a crash is a head injury. Always wear a properly approved helmet. You should also wear suitable eye protection.

Make yourself easy to see

To make yourself more visible, wear bright, reflective clothing, position yourself so other drivers can see you, signal before turning or changing lanes, and use your horn when it will help others notice you.

Know your limits

Ride within the boundaries of your own skill at all times. Knowing these limits and staying within them will help you to avoid accidents. Always ride with both hands on the handlebars.

Keep your scooter in safe condition

For safe riding, it is important to inspect your scooter before every ride and perform all recommended maintenance. Never exceed load limits, and only use accessories that have been approved by KYMCO for this scooter.

Inspect your scooter before riding

Remember to perform an entire safety inspection to ensure your and your passenger's safety before each ride.

Be extra cautious on bad weather days

Riding on bad weather days, especially wet ones, requires extra caution. Braking distances can double on a rainy day. Stay off of painted surfaces, manhole covers and greasy appearing areas on the pavement, as they can be especially slippery. Use extreme caution at railway crossings and on metal gratings and bridges. Whenever you are in doubt about the road conditions, slow down.

Modification

Modification of your scooter or removal of original equipment may render the vehicle unsafe or illegal. Obey all applicable equipment regulations in your area.

PROTECTIVE APPAREL

For your safety, always wear an approved motorcycle or scooter helmet, eye protection, boots, gloves, long pants, and a long-sleeved shirt or jacket whenever you ride your scooter.

Helmets and protection

Your helmet is your most important piece of riding gear because it offers the best protection against head injuries. Your helmet should fit your head comfortably and securely. Always wear a face shield or goggles to protect your eyes and to aid your vision.

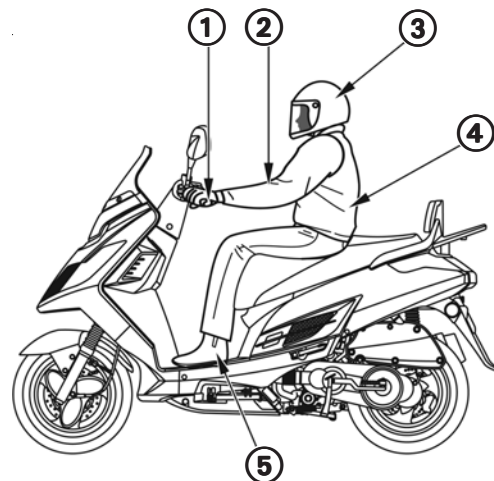
Additional riding gear

In addition to a helmet and eye protection, you should also use:

- Sturdy boots with nonslip soles to help protect your feet and ankles
- Leather gloves to keep your hands warm and help prevent blisters, cuts, burns and bruises
- A motorcycle or scooter riding suit or jacket that has been designed for comfort as well as protection. Brightly colored and reflective clothing can help make you more noticeable in traffic. Be sure to avoid loose clothing that can get caught on any part of your scooter.

WARNING

Not wearing a helmet increases your chance of serious injury or death in a crash.



- ① Wear gloves
- ② Clothes should fit properly (not too tight or loose)
- ③ Always wear a helmet. You should also wear eye protection
- ④ Wear bright or reflective clothing.
- ⑤ Footwear should be the proper size, have low heels, and offer ankle protection

WARNING

Be sure both you and your passenger always wear properly fitting, approved motorcycle helmets. You should also wear eye protection and other protective apparel when you ride.

These general guidelines may help you decide how to add accessories to your scooter and how to load it properly.

Load limits

These specifications are the load limits for your Yager scooter. Overloading the scooter will affect its stability and handling. Be sure to stay within the limits listed below:

Maximum weight capacity

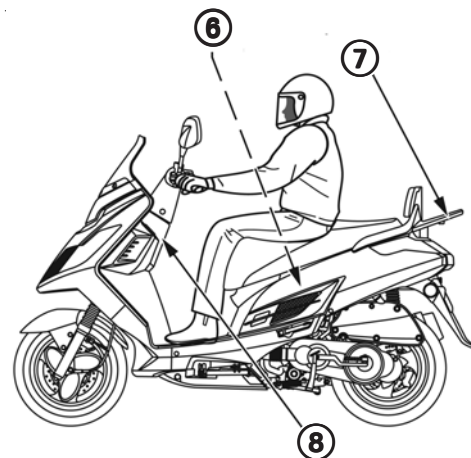
(includes the weight of the rider, passenger, cargo and accessories): 358 lbs (163 kg)

Maximum cargo weight: 40 lbs (18 kg)

Under-seat compartment ⑥ weight limit: 22 lbs (10 kg)

Rear carrier (rack) ⑦ weight limit: 11 lbs (5 kg)

Helmet hook ⑧ weight limit: 6 lbs (3 kg)



Loading guidelines

Improperly loading your scooter will affect its stability and handling. You should ride at reduced speeds when you are carrying a passenger or cargo. Follow these guidelines whenever you carry a passenger or cargo:

- Check that both tires are properly inflated
- To prevent loose items from creating a hazard, make sure all cargo is securely tied down before you ride
- Place cargo weight as close to the center of the scooter as possible
- Balance cargo weight evenly on both sides of the scooter

WARNING

Overloading or improper loading will affect vehicle handling, stability and braking, and can lead to an accident. Never exceed the stated load capacity of your scooter. Cargo should be properly distributed and securely attached. Reduce speed when carrying cargo and allow more room for braking.

There is a large variety of accessories available to KYMCO scooter owners. KYMCO cannot have direct control over the quality or suitability of any accessories you may wish to purchase. The addition of unsuitable accessories to your scooter can lead to unsafe operating conditions. It is not possible for KYMCO to test each available accessory on the market, or combinations of all such available accessories; however, your KYMCO dealer can assist you in the selection and installation of quality accessories.

Use extreme caution when selecting and installing accessories for your scooter.

No modifications

KYMCO strongly advises you against removing any original equipment from, or modifying your scooter in any way, that would change its design or operation.

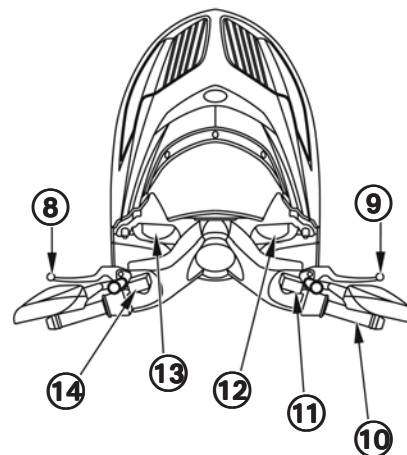
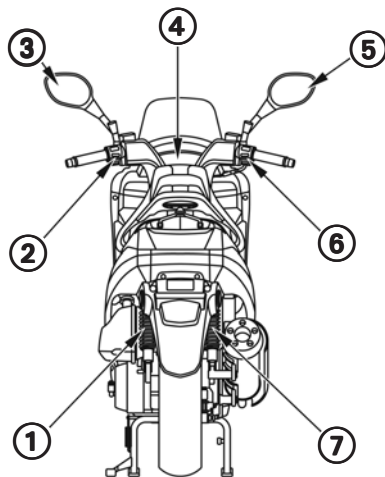
WARNING

Improper accessories or modifications can make your scooter unsafe and can lead to an accident.

Never modify your scooter through the improper installation or use of accessories. All parts and accessories added to this vehicle should be genuine KYMCO or equivalent components designed for use on this scooter and should be installed and used according to the accessory manufacturer's instructions. If you have any questions, consult an authorized KYMCO dealer.

SECTION 2 - CONTROLS & FEATURES

Location of parts & controls



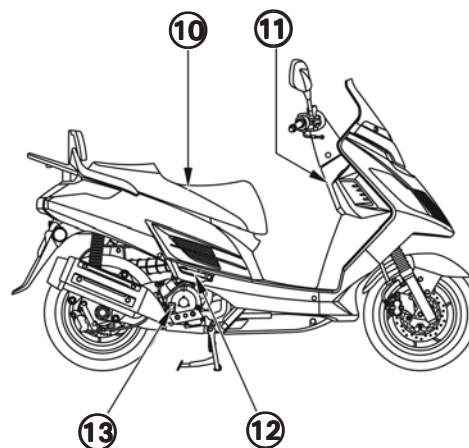
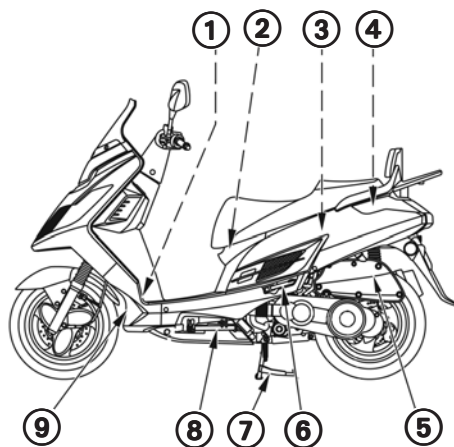
- ① Left shock absorber spring preload adjuster
- ② Turn signal switch, headlight dimmer switch, horn button
- ③ Left mirror
- ④ Instruments

- ⑤ Right mirror
- ⑥ Engine stop switch, starter button
- ⑦ Right shock absorber spring preload adjuster
- ⑧ Rear brake lever
- ⑨ Front brake lever

- ⑩ Throttle grip
- ⑪ Front brake fluid reservoir
- ⑫ Ignition switch
- ⑬ Fuel filler cap
- ⑭ Rear brake fluid reservoir

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

Location of parts & controls



- ① Coolant filler cap
- ② Helmet holder
- ③ Under-seat storage compartment
- ④ Battery, fuse box, spare fuse

- ⑤ Air cleaner
- ⑥ Left passenger footpeg
- ⑦ Center stand
- ⑧ Side stand
- ⑨ Coolant level window

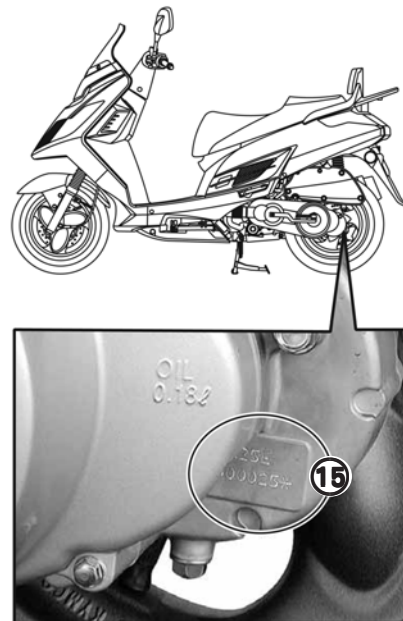
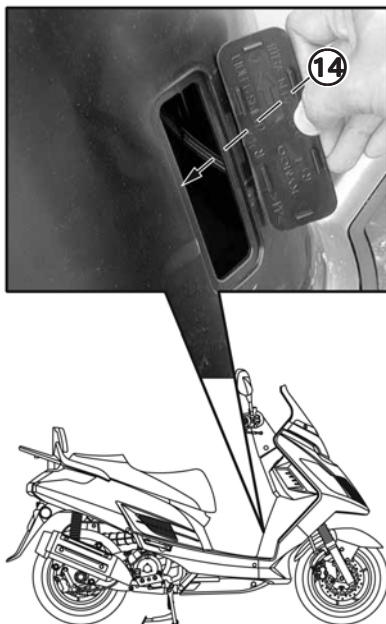
- ⑩ Seat
- ⑪ Helmet hook
- ⑫ Right passenger footpeg
- ⑬ Oil filler cap/Dipstick

Vehicle Identification Number (VIN)

To read your scooter's VIN, release the cover on the inner cowl with a flat head screw driver (14).

Engine Serial Number (ESN)

Your scooter's ESN (15) is stamped in the left engine case.



NOTE: Write your scooter's VIN and ESN in the boxes provided on the inside, rear cover of this Owner's Manual. 9

Keys

Your Yager scooter is supplied with two identical ignition switch keys ①. The ignition key operates the ignition switch and the steering lock, and is used to open the seat to gain access to the underseat storage compartment.



NOTE: The keys have a unique code stamped on the tab supplied with the keys. For security reasons, this code is not stamped on the scooter or recorded in the vehicle's basic documentation.

Therefore, since this code is known only to you and is required to obtain replacement keys, it is important that you record it in the box provided on the inside, rear cover of this manual.

Ignition switch & Steering lock

Use the ignition key to operate the ignition switch, the steering lock and open the fuel filler cap:

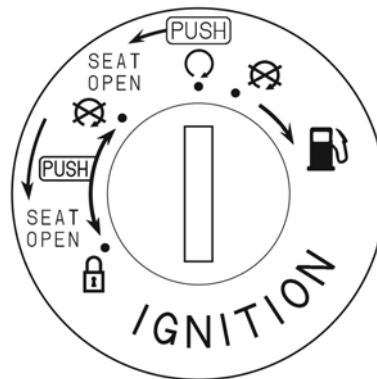
Position: All electrical circuits are off. The engine will not start or run. The key can be removed from the ignition switch.

Position: The ignition circuit is "ON" and engine can now be started. The key cannot be removed from the ignition switch in this position.

Position: To lock the steering, turn the handlebar all the way to the left, push in and turn the key to the "" position and remove the key. All electrical circuits are off and the key can be removed.

⚠ CAUTION

After locking the ignition switch, turn the handlebar gently to confirm that the steering is locked.

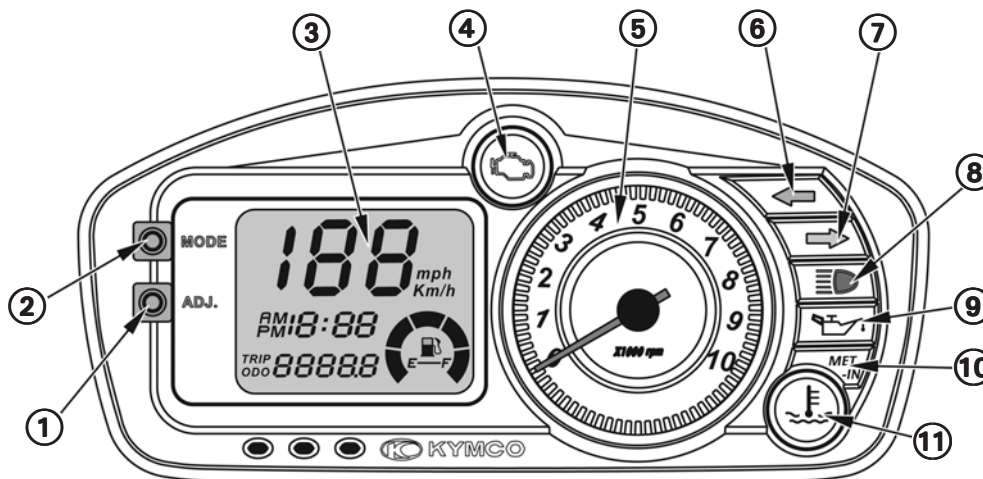


Position: To open the fuel filler cap, turn the key to the "" position. Before starting the engine, return the key to the "" position.

⚠ WARNING

Do not turn the ignition switch to the lock position when riding, as this could cause the steering to lock and result in you losing control of your scooter. Do not park your scooter in a position that will interfere with vehicle or pedestrian traffic.

Instrument & indicators



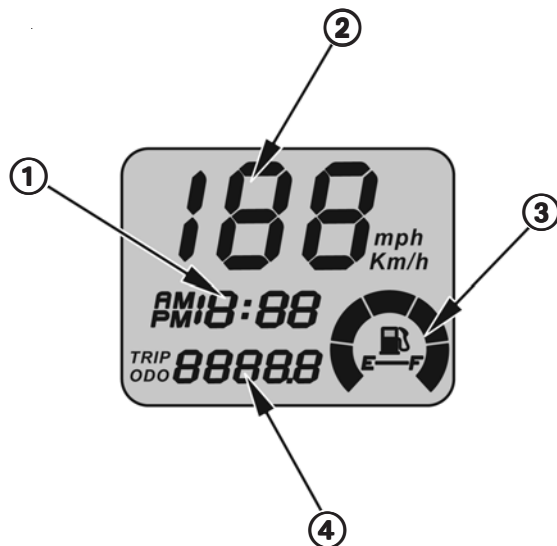
- ① Adjust button
- ② Mode button
- ③ Multifunction display
- ④ CELP indicator

- ⑤ Tachometer
- ⑥ Left turn signal indicator
- ⑦ Right turn signal indicator
- ⑧ High beam indicator

- ⑨ Oil service indicator
- ⑩ Met-In (seat open) indicator
- ⑪ Overheat indicator

Multifunction display

The liquid crystal display (LCD) on the dash digitally indicates speed, mileage ridden, fuel level and time.



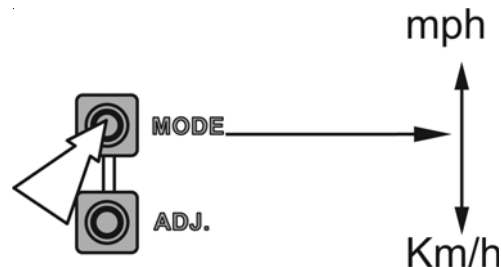
- ① Digital clock
- ② Speedometer
- ③ Fuel level gauge
- ④ Odometer/Trip meter/ Oil service meter

Multifunction display - Initial display

When the ignition switch is turned "ON", the multifunction display will temporarily show all of its functions so you know the LCD is functioning properly.

Multifunction display - Speedometer

The speedometer displays the scooter's road speed in miles-per-hour (mph) or in kilometers-per-hour (Km/h).



To toggle between the speed display types, press and hold the MODE button for two seconds to select mph or Km/h.

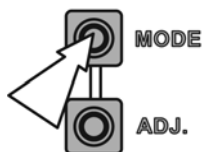
Multifunction display -

Odometer, Tripmeter & Oil service meter

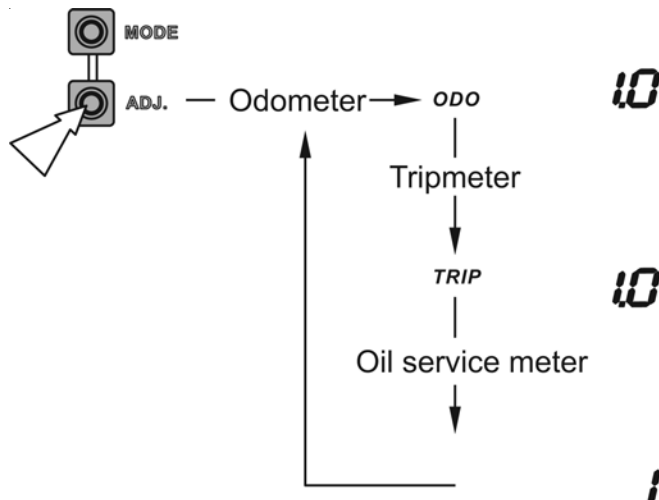
Odometer: Displays the scooter's accumulated, total mileage

Tripmeter: Displays the scooter's mileage between reset intervals (as reset by the rider)

Oil service meter: Displays the miles for engine oil service frequency



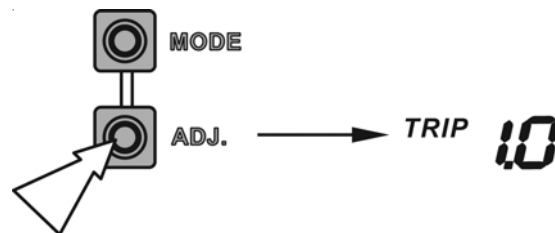
The toggle between the odometer , tripmeter and oil service meter display types, press and hold the MODE button for two seconds to select mph or Km/h.



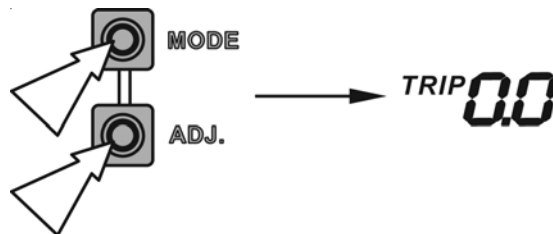
To select the odometer, tripmeter or oil service meter display , press and hold the ADJUST button for two seconds to select odometer, tripmeter or oil service meter display.

To reset the tripmeter:

1. Press and hold the ADJUST button for more than two seconds to select the TRIP mode.

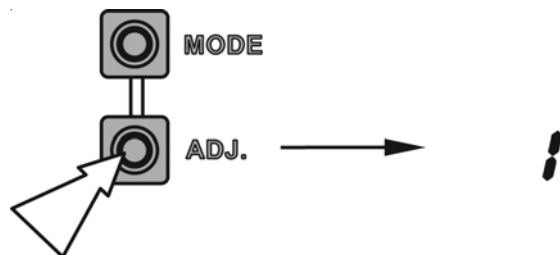


2. Press and hold both the MODE button and the ADJUST button at the same time until the tripmeter rests to "zero".

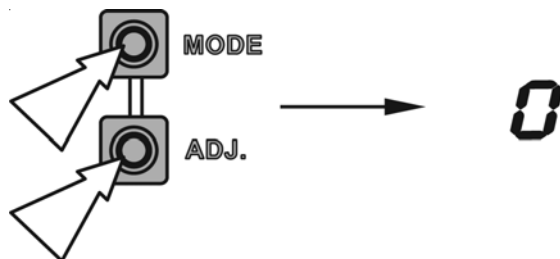


To reset the oil service meter and the oil service indicator light:

1. Press and hold the ADJUST button for more than two seconds to select the oil service meter .



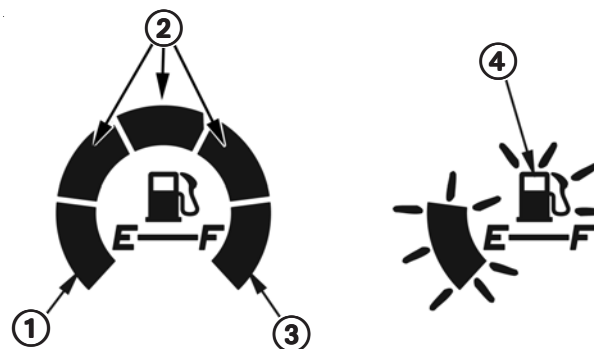
2. Press and hold both the MODE button and the ADJUST button at the same time until the oil service meter resets.



Multifunction display - Fuel gauge

The fuel gauge indicates the approximate fuel supply available in a graduated display . The normal operating fuel range are the “N” segments between the “F” segment and the “E” segment. When the “E” segment and the fuel indicator “” icon flashes, the fuel level is low and you should refill the fuel tank as soon as possible.

NOTE: “E” symbolizes “EMPTY” and “F” symbolizes “FULL”.



- ① “E” Segment
- ② “N” segments
- ③ “F” segment
- ④ Fuel indicator icon

Multifunction display - Digital clock

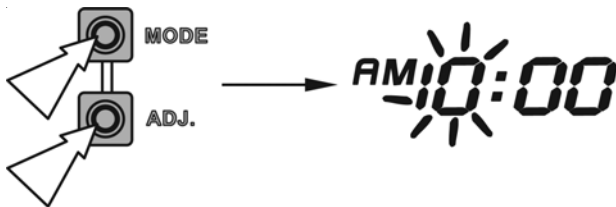
The clock indicates the time in hours and minutes when the ignition is "ON". The clock display also indicates AM or PM.

To adjust the clock's time manually, follow this procedure:

1. Tune the ignition switch "ON"
2. Press and hold the ADJUST button for more than two seconds to select the ODO mode

NOTE: The digital clock can be only be adjusted in the ODO mode. Do not select the tripmeter or oil service meter mode if you want to adjust the time on the clock.

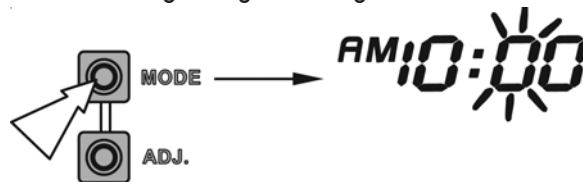
3. Press and hold both the MODE button and the ADJUST button at the same time for more than two seconds. The "hour" digits will begin flashing, indicating the clock time can be adjusted



4. To set the hour display , press the ADJUST button until it displays the correct "hour" time



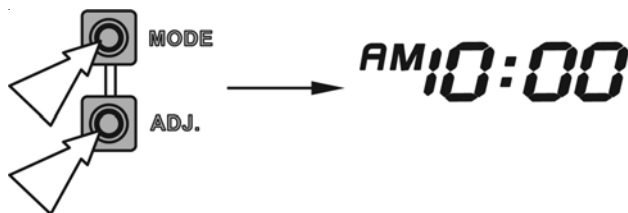
5. To change the minute display , press the MODE button until the "minute" digits begin flashing



6. To set the minute display , press the ADJUST button until it displays the correct "minute" time

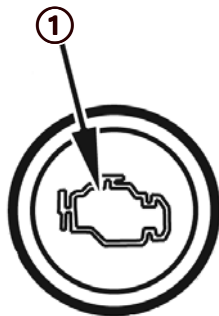


- To end the clock adjustment, press both the MODE and ADJUST buttons at the same time. The display will stop flashing automatically. The adjustment will be cancelled if any button is not pressed within approximately ten seconds.



Instruments - CELP (Check engine indicator)

The CELP indicator ① will illuminate if a fault is detected in the scooter's engine, fuel or electrical systems. If the CELP indicator lights or flashes, reduce your riding speed and take your scooter to your KYMCO dealer for service as soon as possible.



NOTE: To check if the CELP indicator is functioning properly, place the engine stop switch in the "O" position; retract the side stand; and without starting the engine, turn the ignition switch to the "ON" position. The CELP indicator will light for two seconds and then turn off. This indicates the CELP indicator is functioning normally.

⚠ CAUTION

The CELP indicator will illuminate if the engine speed is too high, indicating the ignition system's over-rev protection feature is being engaged.

The CELP indicator will turn off when the engine speed returns to acceptable levels. Reduce the scooter's engine speed to avoid damaging the engine.

Instruments - Tachometer

The analog tachometer indicates engine revolutions per minute (RPM).

NOTE: When the ignition switch is turned "ON" the tachometer needle will sweep from zero to the maximum range, and then return to zero to calibrate the meter and confirm its functionality.

Instruments - Turnsignal indicators

The left turn signal indicator “” flashes when the left turn signal is operated.

The right turn signal indicator “” flashes when the right turn signal is operated.

Instruments - High beam indicator

The high beam indicator “” is illuminated when the high beam is selected (using the switch on the left handlebar).

Instruments - Oil service indicator

The oil service indicator “” will illuminate during riding when the engine oil service interval has been reached and the oil should be serviced.

NOTE: When the ignition switch is turned “ON” the oil service indicator will illuminate. The indicator should turn off once the engine is running. If it does not turn off, take your scooter to your KYMCO dealer for service.

To reset the oil service indicator, see the procedure on pages 13 and 14 of this manual.

Instruments - Overheating indicator

The overheating indicator “” will illuminate during riding if the coolant temperature exceeds the normal range. If the overheating indicator illuminates, stop the engine and check the coolant reserve tank’s fluid level (see page 53).

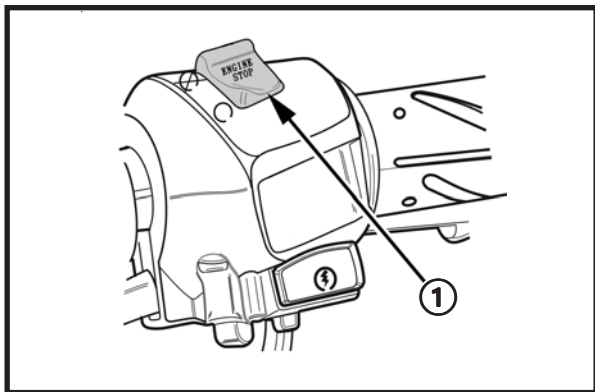
NOTE: When the ignition switch is turned “ON” the overheating indicator will light for two seconds and then turn off. This indicates the indicator is functioning normally.

CAUTION

The overheating indicator will illuminate if the engine coolant temperature is too high. Do not operate the engine unless the indicator goes out once the engine is running.

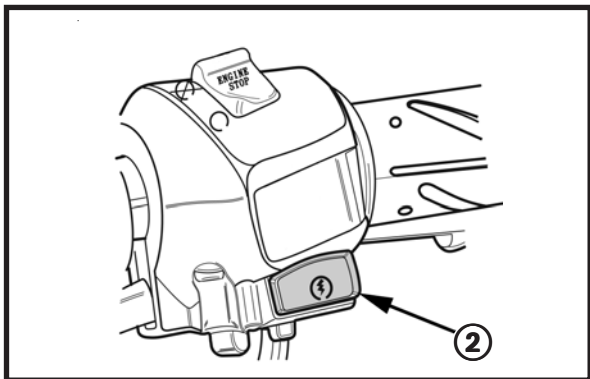
Operating the scooter with the overheating indicator illuminated could result in damage to the engine. Consult your KYMCO dealer for service if the overheating indicator does not turn off during operation.

Right handlebar switch



Engine stop switch ① "⊗ & ⊙":

The engine stop switch turns off the ignition, stopping the engine. The scooter's lights and horn will still function.



Electric starter button ② "⚡":

Press the electric starter button to activate the starter motor .

NOTE: The starter motor will not engage unless the ignition switch is "ON", the side stand is fully up, and one of the brake levers is squeezed at the same time the starter button is pressed.

⚠ CAUTION

To prevent damage to the starter motor, do not operate the starter motor for more than five seconds at a time. If the scooter fails to start immediately, check the fuel level and the battery condition, and allow the starter motor to cool before attempting to start the engine again.

Left handlebar switch

Dimmer switch -UP ③:

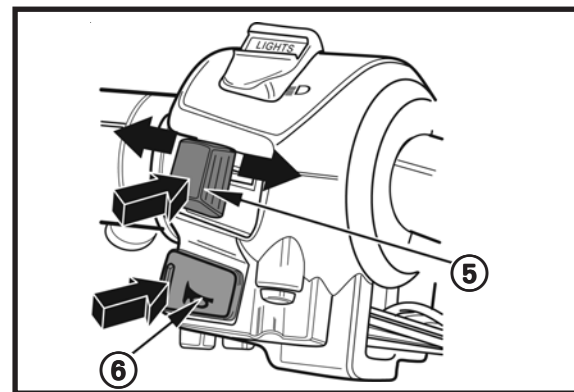
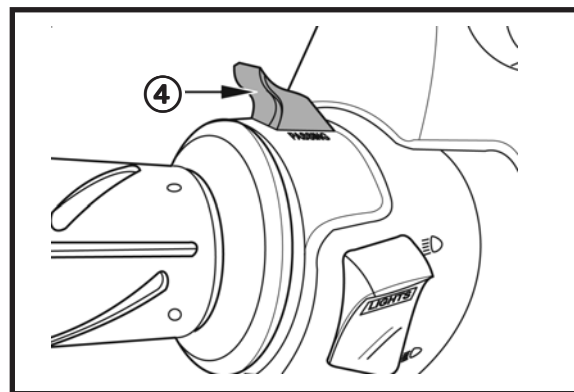
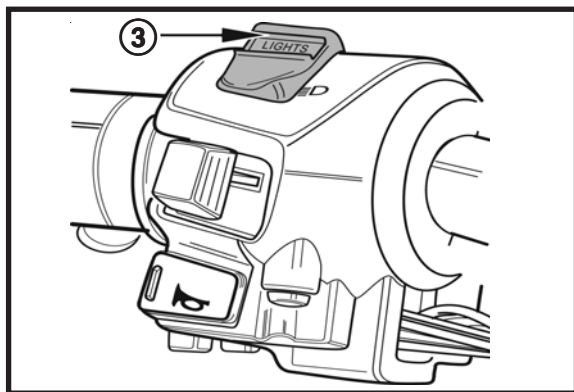
"☰☷" switch position turns the headlight high beam on and the high beam indicator light on the dash is activated.

Dimmer switch -DOWN ③:

"☷☰" switch position turns the headlight low beam on.

Passing light lever - PULL IN ④:

Pull in on the lever to rapidly flick the headlight high beam on and off to signal other vehicles that you wish to pass.



Turn signal switch:

Use the turn signal indicator to signal to other traffic your intention to turn or change lanes. The turn signal light on the dash will flash to alert the rider that the switch is engaged.

"←" for turning to the "left".

"→" for turning to the "right".

To cancel the turn signal, press in on the signal switch ⑤.

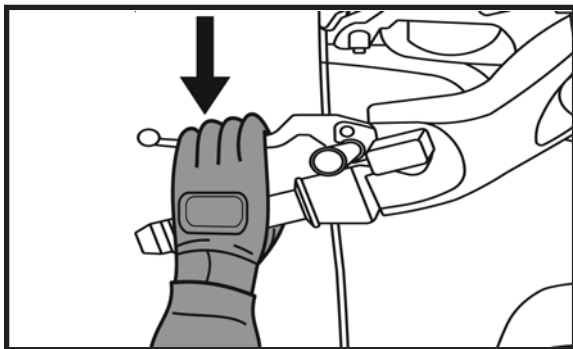
Horn button ⑥ "🔊":

Press the horn button to sound the horn.

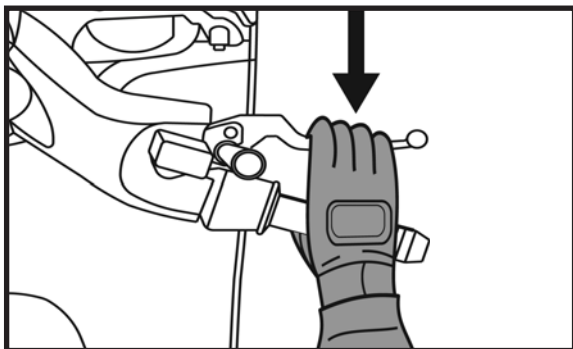
NOTE: The horn will only sound when the ignition is "ON".

Brakes

Apply the rear brake by squeezing the left brake lever gently towards the grip. The brake light will illuminate when the lever is squeezed.

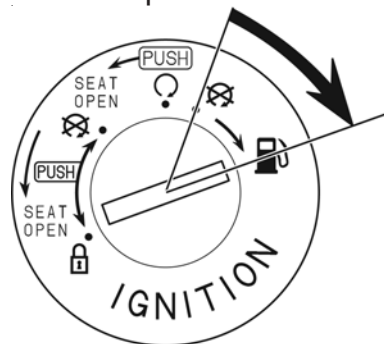


Apply the front brake by squeezing the right brake lever gently. The brake light will illuminate when the lever is squeezed.

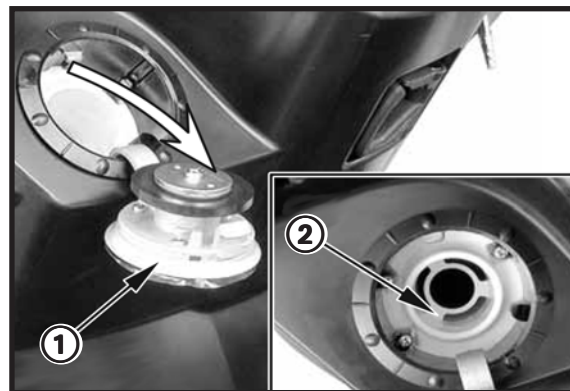


Fuel filler cap

To open the fuel filler cap:



1. Insert the ignition key into the ignition switch and turn it right to the “” position (the key cannot be removed). Then rotate the key clockwise to the “” position to open the filler cap ①.

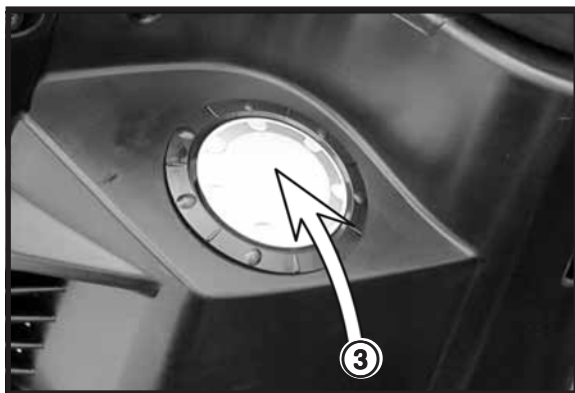


⚠ CAUTION

Do not overfill the tank. There should be no fuel in the filler neck ②. Excess fuel can contaminate the evaporative emission canister, resulting in poor driveability.

To close and lock the fuel filler cap:

1. Push the fuel filler cap ③ down in place until you feel the cap's latch engage with the filler neck.



Fuel recommendation

Use unleaded gasoline with a research octane number of 91 or higher. Unleaded gasoline will extend spark plug life.

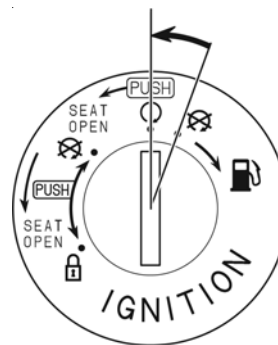
⚠ CAUTION

Do not use fuel that contains Ethanol or Methanol. This type of fuel can corrode metal parts in your scooter's fuel system, and can also damage plastic and rubber parts. Repairs to damage caused by improper fuel will not be covered under your scooter's limited warranty.

⚠ WARNING

Gasoline is highly flammable and explosive. You can be burned or seriously injured while handling fuel.

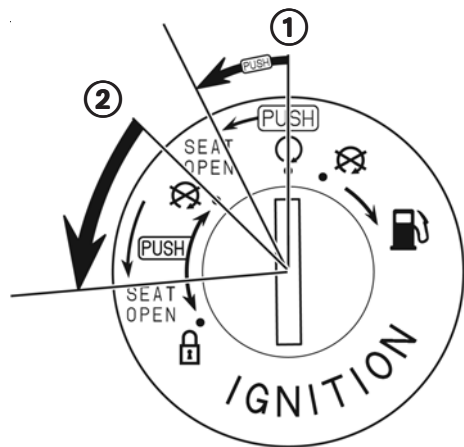
- * Stop the engine and keep heat, sparks, and flame away.
- * Refuel only out doors.
- * Clean up fuel spills immediately.



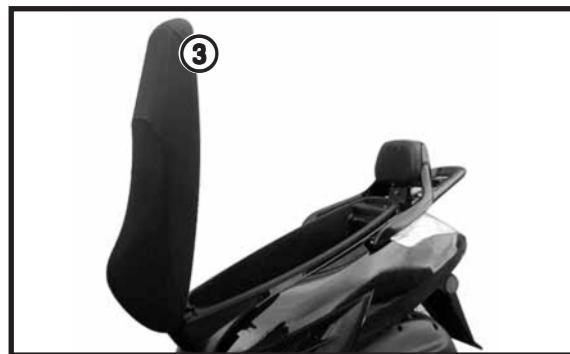
NOTE: After refueling, turn the ignition key from the "⊗" position to the "○" position to restart the engine.

Seat

To open the seat on your Yager 200i (insert the ignition switch key to activate the seat release in the ignition switch):



1. With the ignition switch at the “⚙️” position (the engine is running), push the key in and turn it counterclockwise to the “SEAT OPEN” position.
2. With the ignition switch at the “⚙️ with slash” position (the engine not running), push the key in and turn it counterclockwise to the “SEAT OPEN” position.
3. Lift up on the back of the seat to access the underseat storage compartment.



To close and lock the seat on your Yager 200i:
Lower the seat and press down until it is secured by the latch. Gently lift up on the seat to make sure it is locked before riding.

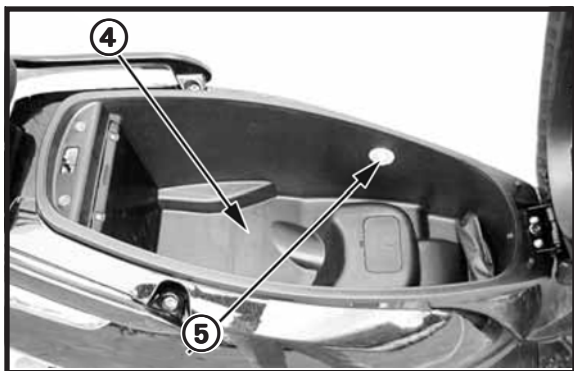
NOTE: The “MET-IN” indicator lamp on the dash will illuminate if the seat is open or unlocked.

Underseat storage compartment

Your Yager 200i scooter is equipped with an underseat storage compartment ④ that permits you to stow your helmet or other items.

This compartment is under the seat (see page 22 for opening and closing the seat).

Underseat compartment weight limit: 22 lbs (10 kg)



NOTE: The underseat compartment light ⑤ and the “MET-IN” indicator lamp on the dash will illuminate if the seat is open or unlocked. Make sure the seat is closed and locked when you are not riding the scooter so you will not drain the battery.

WARNING

Never exceed the maximum weight limit of the storage compartment, as vehicle handling and stability may be severely affected.

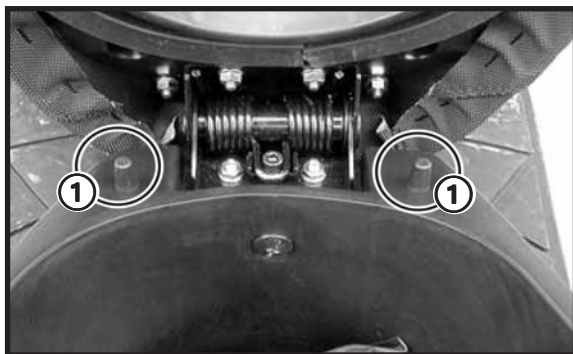
Do not leave the ignition switch key under the seat.

The storage compartment will get hot from engine heat or sunlight when parked. Do not store food or other items that are flammable or susceptible to heat damage in this compartment.

When washing, do not direct pressurized water at the seat/compartment joint, as water can be forced into the compartment.

Helmet posts

Your Yager 200i scooter has two helmet posts ① so you can secure your helmet(s) outside of the underseat storage compartment. To use the posts, unlock the seat (see page 22) .



With the seat up, put the helmet's retaining ring onto the post. Lower and press down on the seat to lock it and secure the helmet in place. To remove the helmet, open the seat.

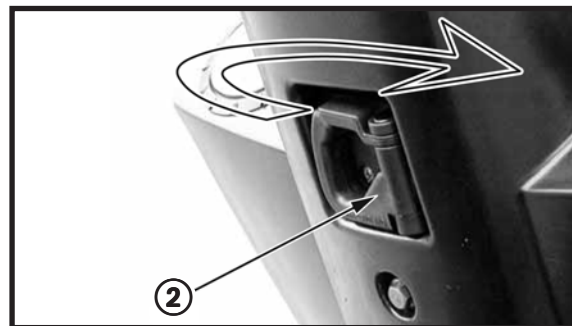
WARNING

Do not ride your scooter with a helmet hanging from a helmet post. The helmet can interfere with your ability to control your scooter, causing an accident.

Center hook

Your Yager 200i scooter has a center hook ② to hang a shopping bag, helmet or another object.

1. To use the hook, pull it out from the inside.



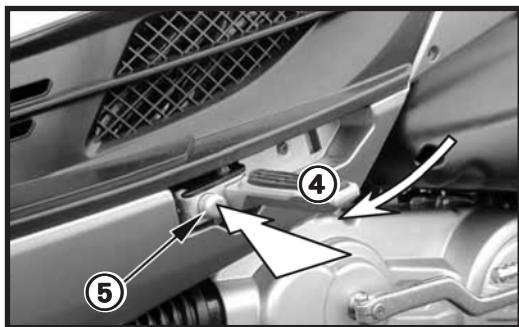
2. Push the lock lever ③ left to unlock the lever. You can now hang your bag on the hook.



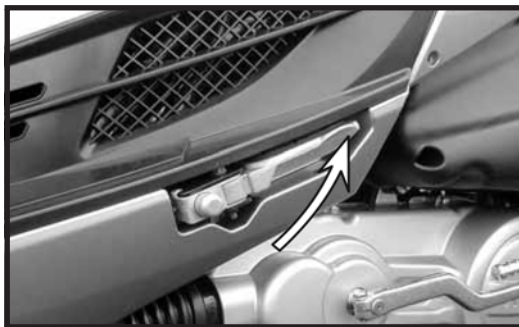
3. After you remove the bag from the hook, push the hook back to its original position to avoid interference with your clothing while riding..

Passenger foot pegs

Your Yager 200i scooter is equipped with additional pegs for use when you are carrying a passenger .



1. To move the passenger pegs (4) from the scooter 's body, press the release button (5).



2. When you are not carrying a passenger , press the pegs back into place.

WARNING

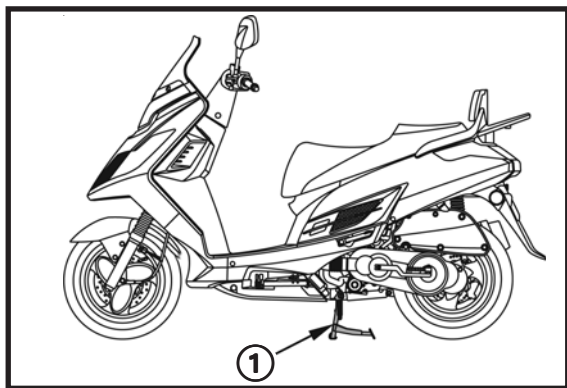
Riding with a passenger will change the handling characteristics of your scooter. Allow for extra braking distance and use extra care when riding in traffic.

Be sure you and your passenger always wear an approved motorcycle helmet that fits properly. You should also wear eye protection and other protective apparel when you ride.

Stands (side & center stands)

Your Yager 200i scooter is equipped with a main (center) stand

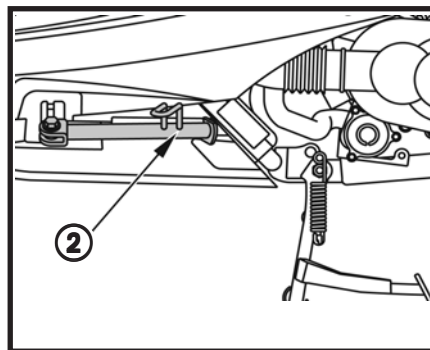
① and a side stand ②.



To park your scooter on the main stand, stand on the left side of the scooter and grasp the handlebar with your left hand while grasping the side of the rear rack with your right hand. Step down on the foot pad of the main stand with your foot while pulling up and back on the rear rack. This lifting motion will allow the scooter to rock backwards and up onto the main stand.

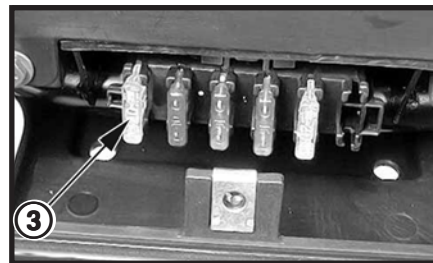
⚠ CAUTION

Always park your the scooter on firm, level ground to help prevent it from falling over. If you must park on an incline, aim the front of your scooter uphill.



The side stand on your Yager scooter has a safety interlock that will prevent the engine from starting if the side stand ② is down. If you swing the stand down when the engine is running the ignition will shut off, stopping the engine.

Side stand interlock bypass



The side stand safety feature can be bypassed if the scooter will not start when the stand is in the "UP" position. To bypass this feature open the fuse box (see page xx) and place a spare fuse ③ in the open holder on the left end of the fuse holder.

⚠ WARNING

The side stand safety interlock switch should remain functional on the scooter at all times and should be serviced by a KYMCO dealer immediately if it is faulty.

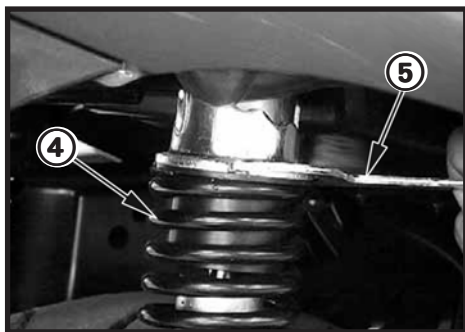
Always check the operation of the side stand safety interlock system before riding your scooter.

Riding your scooter with the side stand incompletely retracted (in the “UP” position) can cause an accident.

Always retract the side stand fully before riding.

Suspension

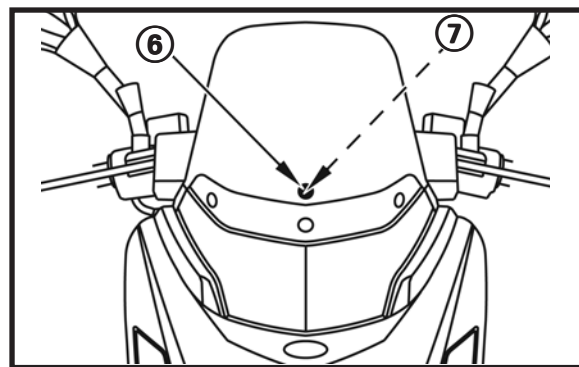
Each shock absorber ④ on your Yager 200i scooter has an adjustment collar that allows you to set the spring preload for different loads or riding conditions.



Use a pin spanner tool ⑤ to adjust the rear shock spring preload. Be certain to adjust both shock absorber's spring preload to the same setting.

Headlight aim adjuster

The vertical headlight aim on your Yager 200i scooter can be adjusted to compensate for different loads or riding conditions.



To adjust the headlight aim on your scooter:

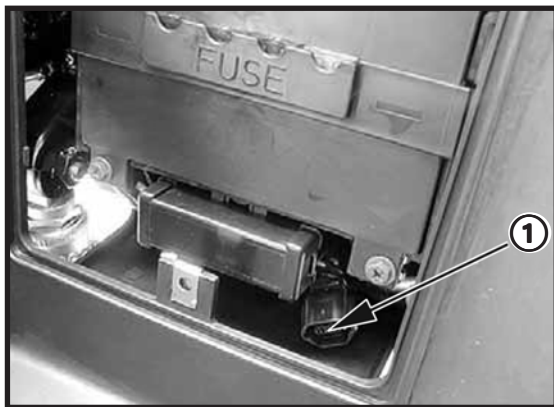
1. Remove the rubber plug ⑥ to expose the adjuster screw
2. Turn the screw ⑦ clockwise or counterclockwise to set the headlight aim at the desired level.
3. Replace the rubber plug

⚠ WARNING

Do not set your scooter's headlight aim so it will interfere with the eyesight of other traffic. Obey local laws and regulations when using your scooter's headlights.

Diagnostic tool connector

The diagnostic tool connector ① is located under the fuse box in the battery box. This connector can be used by a qualified technician with the appropriate diagnostic tools to evaluate the scooter's electronic fuel injection and electrical systems.



CAUTION

The diagnostic tool connector should only be accessed by the service personnel at your authorized KYMCO dealer.

Improper connection to or use of the diagnostic tool connector could damage the electronic fuel injection or electrical systems on your scooter.

Break-in recommendations

The first 1,000 miles (1,600 km) of riding are the most important in the life of your scooter. Proper break-in operation during this time will help ensure maximum life and performance from your new scooter. Proper break-in operation allows the machined surfaces to polish each other and mate smoothly.

Your scooter's reliability and performance depend on special care and restraint exercised during the break-in period. It is especially important that you avoid operating the engine in a manner which could expose the engine parts to excessive heat.

The following guidelines should be followed during the break-in period:

Maximum throttle operation:

Initial 500 miles (800 km): Less than 1/2 throttle

Up to 1000 miles (1,600 km): Less than 3/4 throttle

Vary the engine speed:

The engine speed should be varied and not held at a constant rate for long periods of time. This allows the parts to be "loaded" with pressure, and then unloaded, allowing the parts to cool. This aids in the mating process of the engine and transmission components. It is essential that some stress be placed

on these components during break-in to ensure this mating process. Do not, however, apply excessive load on the scooter's drive line.

Avoid constant low speed:

Operating the engine at constant low speed (light load) can cause parts to glaze and not seat in properly. Allow the engine to accelerate freely through the gears, without exceeding the recommended throttle openings.

Avoid using full throttle for the first 1,000 miles (1,600 km).

The initial service:

Observe your first and most critical service. The 600 mile (1,000 km) initial service is the most important service your scooter will receive. During the break-in period all of the engine components will have worn in and all of the other parts will have seated in, so adjustments will be required. All fasteners will be tightened, and the contaminated engine oil will be replaced.

NOTE: Completion of the 600 mile (1,000 km) initial service will ensure optimum service life and performance from your scooter. Do not delay in having this service performed once your scooter reaches this mileage.

⚠ CAUTION

The 600 mile (1,600 km) service should be performed as outlined in the maintenance schedule section of this owner's manual. Pay particular attention to the cautions and warnings in the maintenance schedule section.

Unless you have formal training as a service technician and have access to KYMCO technical reference materials, it is strongly suggested that you have the initial service performed by a KYMCO dealer.

Breaking in the new tires

New tires need proper break-in to assure maximum performance, just as your scooter's engine does. Wear in the tread surface by gradually increasing your cornering lean angles over the first 100 miles (160 km) before attempting maximum lean angles. Avoid hard acceleration, hard cornering, and hard braking for the first 100 miles (160 km).

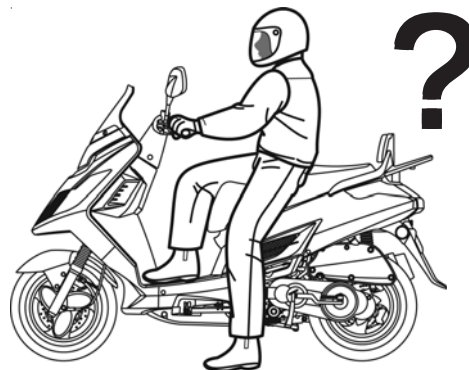
⚠ WARNING

Failure to break in your tires could cause the tires to slip and could result in you losing control of the scooter.

Use extra care when riding on new tires. Perform proper break-in of the tires as described in this Owner's Manual and avoid hard acceleration, hard cornering, and hard braking for the first 100 miles (160 km).

Troubleshooting

It can be frustrating if your scooter fails to start or stops running while you are riding. In the rare instance this happens, take a few moments to check some items and you may be back to riding your scooter soon.



- ✓ Do you have enough gasoline in the fuel tank?
- ✓ Did you follow the correct procedure for starting the engine?
- ✓ Is the side stand in the "UP" position?
- ✓ Is the battery voltage low?
- ✓ Is the main fuse in good condition?

NOTE: Use this Owner's Manual to check components and adjustments that are within your technical ability. If you cannot resolve the problem, do not hesitate to contact your KYMCO dealer for assistance.

Pre-ride inspection

For your safety, it is very important to take a few moments before each ride to walk around your scooter and check its condition. If you detect any problem, be sure to address it immediately, or have it corrected by your KYMCO dealer.

WARNING

Improperly maintaining your scooter or failing to correct a problem before riding can cause a crash in which you can be seriously hurt or killed.

Always perform a pre-ride inspection before every ride and correct any problems.

1. Engine oil level: Add engine oil if required (page 43). Check for leaks.
2. Fuel level: Fill fuel tank when necessary (page 20). Check for leaks.
3. Coolant level: Add coolant if required (pages 53).
4. Front and rear brakes: Check operation and make sure there is no brake fluid leakage (pages 56 and 57).
5. Tires: Check condition and inflation (pages 60 - 62).
6. Throttle: Check for smooth operation and that it closes fully in all steering positions (page 51).

7. Lights and horn: Check that headlight, tail/brake light, turn signals, indicators and horn function properly (page 18).
8. Engine stop switch: Check for proper function (page 18).
9. Side stand safety interlock system: Check for proper function (page 55).
10. Chassis: Check for overall proper function (page 62).

CAUTION

Performing pre-ride inspections does not take the place of regular maintenance. Follow the maintenance schedule recommendations on pages 39 -41 of this manual.

After one month of use or 600 miles (1,000 km) of riding, which ever occurs first, contact your KYMCO dealer to have an initial service of your scooter performed.

This initial service is the most important service in the life of your scooter and includes checks and adjustments that will help ensure that your scooter operates efficiently and safely.

Starting the engine

To start your Yager 200i scooter, follow the procedure listed on the following pages.

⚠ CAUTION

To prevent damage to the starter motor, do not operate the starter motor for more than five seconds at a time. If the scooter fails to start immediately, check the fuel level and the battery condition, and allow the starter motor to cool before attempting to start the engine again.

Do not press the starter button once the engine is running or the starter motor and engine can be damaged.

⚠ WARNING

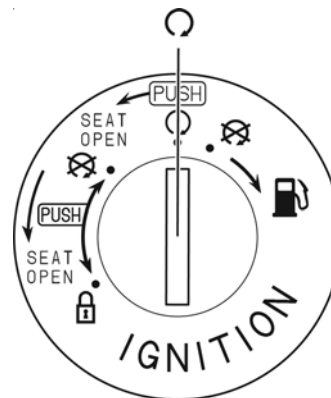
Your scooter's exhaust emits poisonous carbon monoxide gas. High levels of carbon monoxide can collect rapidly in enclosed areas such as a garage. Do not run the scooter's engine with the garage door closed. Even with the door open, run the engine only long enough to move your scooter out of the garage.

Once the scooter starts, the rear wheel may spin. To avoid injury, keep your body and clothing away from the rear wheel.

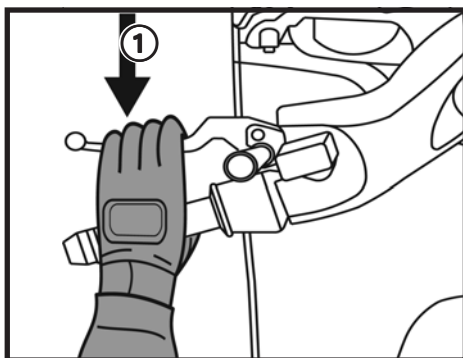
NOTE: Before starting, check the engine oil and fuel levels. Place the scooter on the main stand and make sure to put the side stand "UP"..

NOTE: Your scooter is equipped with a side stand safety interlock feature. This prevents the engine from being started if the side stand is down. A running engine will shut off if the side stand is lowered.

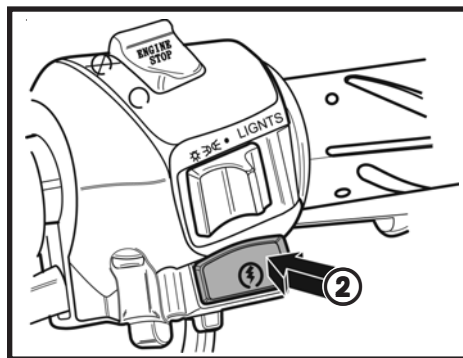
1. Make sure the engine stop switch is at "⏻" (RUN).
2. Turn the ignition switch to "🔑" (ON).



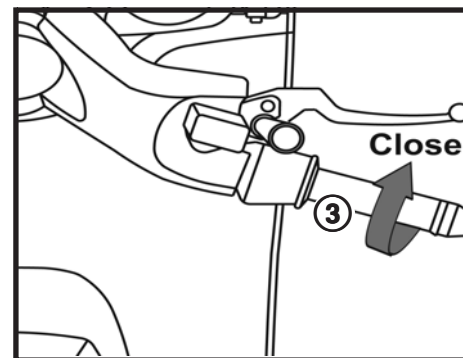
NOTE: The rear brake must be held for the starter motor to engage the engine. It is normal for the stop light to be illuminated during starting.



3. Apply the rear brake ① (left lever). The electric starter will only work when the brake lever is squeezed and the side stand is up.



4. Press the starter button ② without rotating the throttle grip. Release the starter button as soon as the engine starts.



5. Keep the throttle ③ closed as the engine warms up.
6. Allow a cold engine to warm 2 - 3 minutes before riding.

WARNING

Do not “BLIP” the throttle (opening and closing it rapidly) as the scooter can lunge forward suddenly.
Do not leave your scooter unattended while the engine is warming up.

NOTE: If the scooter's engine is warm and does not start immediately, rotate the throttle grip 1/8 to 1/4 open to help the engine start.

Ignition cutoff feature

Your Yager 200i is equipped with a safety feature that will turn off the ignition and the fuel pump to stop the engine if the scooter is tipped over.

The angle detection sensor of this system must be reset once the scooter is righted or the engine will not restart. Before re-starting the engine, you must turn the ignition switch to the "OFF" position and then back to "ON". You can then start the scooter normally.

Riding your scooter

NOTE: After starting, allow the engine oil to circulate before riding your scooter. Allow sufficient idling time after warm or cold engine start-up before applying load or revving the engine. This allows time for the lubricating oil to reach all the critical engine components.

NOTE: Review the scooter safety recommendations on pages 3 and 4 before you ride.

CAUTION

Make sure flammable materials such as dry grass or leaves do not come in contact with the exhaust system when riding, idling, or parking your scooter.



1. Make sure the throttle is closed and the rear brake is engaged before moving the scooter off the main stand.

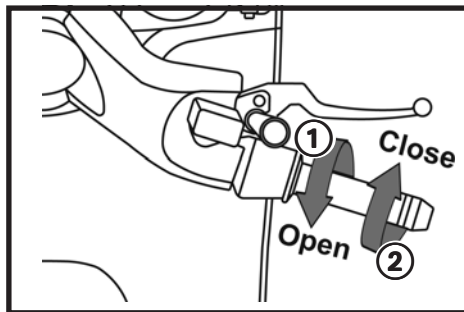


2. Mount the scooter from the left side and sit on the seat upright. Place both hands on the handlebars and touch the ground with your left foot for stability.

⚠ WARNING

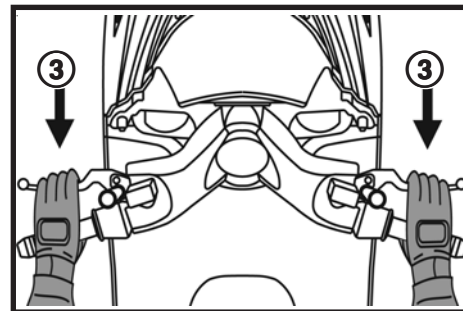
Before riding off, use the scooter's turn signals to signal your intention to merge into traffic. Always scan around you and in the rear view mirrors so you are aware of other traffic. Use caution as you merge into traffic, keeping to the right until you match the pace of the traffic.

3. Release the rear brake and slowly rotate the throttle grip so the engine power will be transmitted to the rear wheel smoothly.



4. Control the scooter's speed with the throttle grip.
Rotating the grip towards you ① will increase the scooter's speed.
Rotating the grip away from you ② will decrease the scooter's speed.

NOTE: Do not "BLIP" the throttle (opening and closing it rapidly) as the scooter can lunge forward suddenly.



5. Slow the scooter by releasing the throttle and applying the brakes ③.

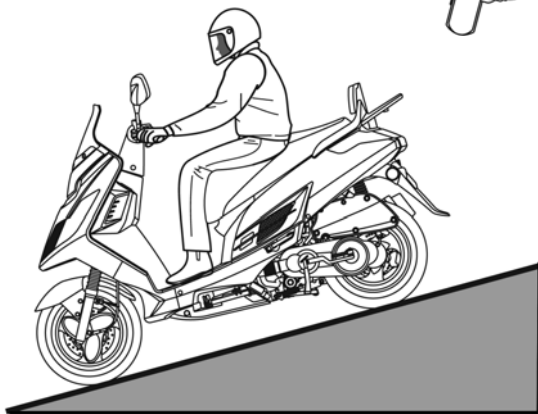
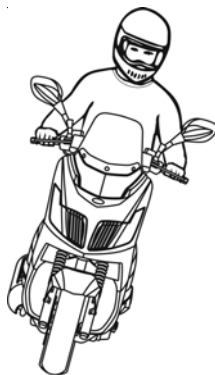
NOTE: Decreasing the scooter's speed with a balanced application of both brake levers and a reduction of throttle will reduce the distance required to stop.

⚠ WARNING

Both the front and rear brakes should be applied together, as independent use of only the front or rear brake reduces stopping performance.

Excessive brake application may cause either wheel to lock, reducing your ability to control your scooter.

6. When approaching a corner or a turn, close the throttle fully and slow the scooter down by applying both the front and rear brakes at the same time.
7. After completing the turn, open the throttle gradually to accelerate the scooter.



8. When descending a steep grade, close the throttle fully and apply both brakes to slow the scooter. Avoid continuous use of the brakes, which may result in brake component overheating and reduced braking efficiency.

NOTE: At certain speeds your scooter will turn more effectively by leaning your body, rather than by applying pressure on the handlebars. Practice steering in an open area free of traffic until you are familiar with the handling characteristics of your scooter.

9. When riding on wet or loose surfaces, be especially cautious.

WARNING

Reduce your speed when riding your scooter in the rain. Wet road surfaces reduce tire grip and greatly increase the distance required for safe braking. Wet surfaces also reduce tire grip during cornering. Reduced tire grip will make it more difficult to control your scooter and may result in an accident.

When riding downhill, decrease the throttle opening and use intermittent braking to control the vehicle's speed.

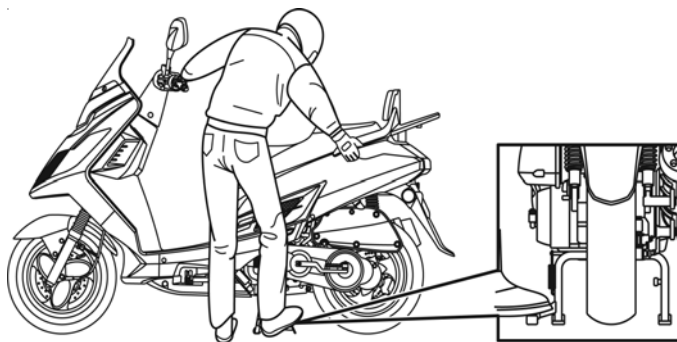
Reduce your speed when riding on uneven or loose road surfaces. Keep the scooter as upright as possible, ride at a slower speed and allow for extra stopping distance.

Use extreme caution when riding over slippery surfaces such as railroad tracks, iron plates, manhole covers, painted lines, gravel, etc.

Failure to take appropriate precautions may result in an accident.

Parking your scooter

Use the following procedure and suggestions when parking your scooter.



1. Turn off the ignition switch and place the scooter on level ground.
2. Stand on the left side of the scooter and grasp the handlebar with your left hand while grasping the side of the rear rack with your right hand. Step down on the foot pad of the main stand with your foot while pulling up and back on the rear rack. This lifting motion will allow the scooter to rock backwards and up onto the main stand.

WARNING

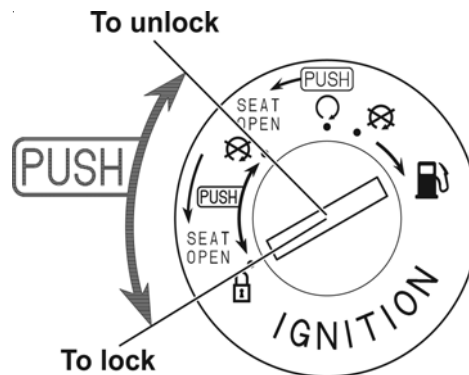
Do not park your scooter in a place that hinders traffic, or that is unsafe to you or others.

CAUTION

The scooter may fall over if it is not parked on level ground.

Make sure flammable materials such as dry grass or leaves do not come in contact with the exhaust system when parking your scooter.

Lock the handlebars of your scooter (see page 10) to reduce the risk of theft.



WARNING

A hot muffler can burn you. Your scooter's muffler will be hot enough to burn you for some time after stopping the engine. Park your scooter where pedestrians and children are not likely to touch the muffler.

SECTION 4 - MAINTENANCE



The importance of maintenance

Maintaining your scooter properly is essential for safe, economical and trouble-free riding. It will also help reduce air pollution and maximize fuel economy.

To help you properly care for your scooter, the following pages in this Owner's Manual include a maintenance schedule to help you make sure your scooter is serviced at the appropriate intervals.

These instructions are based on the assumption that your scooter will be used exclusively for its designed purpose. Sustained high speed operation, or operation in unusually wet or dusty conditions, will require more frequent service than specified in the maintenance schedule. Consult your KYMCO dealer for recommendations applicable to your individual needs and use.

NOTE: Always follow the inspection and maintenance recommendations and schedules in this Owner's Manual.

WARNING

If your scooter tips over or becomes involved in a crash, be sure your KYMCO dealer inspects all major parts, even if you are able to make some repairs.

Improperly maintaining this scooter or failing to correct a problem before you ride could result in a crash in which you could be seriously hurt or killed.

WARNING

When performing maintenance on your scooter, you may need to start the engine. Running your scooter's engine indoors or in a garage can be hazardous. Exhaust gas contains carbon monoxide, a colorless and odorless gas that can cause death or severe injury. Operate the engine only where there is adequate ventilation, preferably outdoors.

Maintenance schedule

Perform the pre-ride inspection (see page 31) at each scheduled maintenance period. This interval should be judged by odometer reading or months, whichever comes first.

Maintenance schedule legend (see pages 40 and 41):

I: INSPECT AND CLEAN, ADJUST, LUBRICATE OR REPLACE IF NECESSARY

C: CLEAN R: REPLACE A: ADJUST L: LUBRICATE T: TIGHTEN

The maintenance schedule on pages 40 and 41 specifies the maintenance required to keep your Yager 200i scooter in peak operating condition. Maintenance work should be performed in accordance with KYMCO standards and specifications by properly trained and equipped technicians. Your KYMCO dealer meets all of these requirements.

* Should be serviced by your KYMCO dealer, unless you have the proper tools, service data and are technically qualified.

** In the interest of safety, we recommend these items be serviced only by your KYMCO dealer. KYMCO USA recommends that your KYMCO dealer road test your scooter after each periodic maintenance service is completed.

Maintenance schedule notes (see pages 40 and 41):

1. At higher odometer readings, repeat at the frequency interval listed here.
2. Service more frequently if the scooter is ridden in unusually wet or dusty areas.
3. Service more frequently when riding in rain or at full throttle.
4. Clean every 1200 miles (2000 km) after replacement and replace every 3000 miles (5000 km).
5. Replace every 1 year, or every 2400 miles (4000 km), whichever comes first. Replacement requires mechanical skill.
6. Replace every 6000 miles (10000 km). Replacement requires mechanical skill.
7. Replace every 2 years. Replacement requires mechanical skill.
8. Replace every 3700 miles (6000 km). Replacement requires mechanical skill.

Maintenance schedule

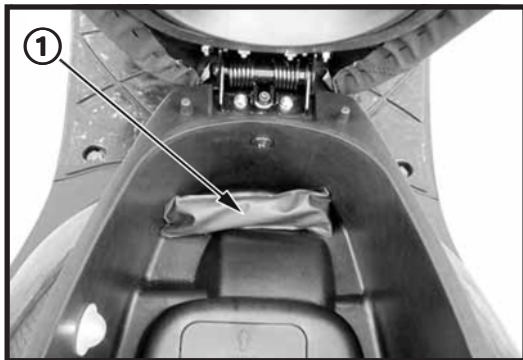
ITEM		FREQUENCY	WHICHEVER COMES FIRST ↓	ODOMETER READING [NOTE (1)]								REFER TO PAGE
				X 1000 km	0.3	1	3	5	7	9	11	
				X 1000 mi	0.2	0.6	1.8	3	4.2	5.4	6.6	
		NOTE	MONTH			3	6	12	18	24	30	
*	AIR CLEANER	NOTE 2				I	R	I	R	I	R	50
	SPARK PLUGS	NOTE 4						R				52
*	THROTTLE OPERATION							I		I		51
*	VALVE CLEARANCE				A		A		A		A	-
*	FUEL LINE							I		I		-
	CRANKCASE BREATHER	NOTE 3				C	C	C	C	C	C	42
	ENGINE OIL				R	R	R	R	R	R	R	43
*	ENGINE OIL FILTER	NOTE 8						R			R	48
*	ENGINE OIL STRAINER SCREEN				C		C		C		C	46
*	ENGINE IDLE SPEED						I		I		I	-
	RADIATOR COOLANT	NOTE 6						R				53
*	COOLING SYSTEM							I		I		54
*	SECONDARY AIR SUPPLY SYSTEM							I		I		-

Maintenance schedule

ITEM		FREQUENCY	WHICHEVER COMES FIRST	ODOMETER READING [NOTE (1)]								REFER TO PAGE
				X 1000 km	0.3	1	3	5	7	9	11	
				X 1000 mi	0.2	0.6	1.8	3	4.2	5.4	6.6	
		NOTE	MONTH			3	6	12	18	24	30	
*	TRANSMISSION OIL	NOTE 5		R			R		R		R	50
*	DRIVE BELT											-
**	CLUTCH SHOE WEAR											-
	BRAKE FLUID	NOTE 7								R		56
	BRAKE PAD WEAR											57
	BRAKE SYSTEM											20
*	BRAKE LIGHT SWITCH											-
	SIDE STAND											55
*	SUSPENSION											55
*	HEADLIGHT AIM											27
*	NUTS, BOLTS, FASTENERS											62
**	WHEELS/TIRES											60
**	STEERING BEARINGS											-

Tool kit

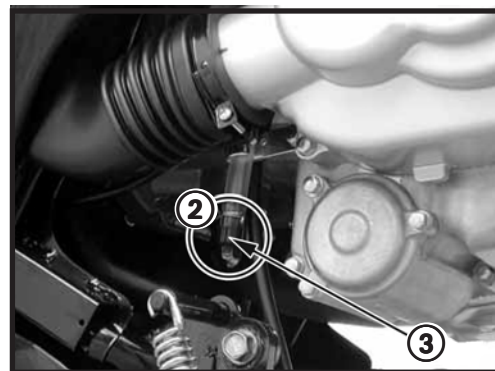
Your Yager 200i has a tool kit that will aid you in the maintenance of your scooter.



The tool kit ① is located under the seat (to open the seat, see page 22).

Crankcase breather drain

Your scooter has a drain tube that permits you to drain water and oil that has condensed in the air cleaner.



When you see that fluid has accumulated in the transparent drain tube ②, remove the plug ③ and drain the fluid into a suitable container. After draining, reinstall the plug.

NOTE: You will need to drain the crankcase breather tube more frequently if you are riding your scooter in the rain, operating it often at full throttle, or after the scooter is washed or overturned. Dispose of this residue in an environmentally appropriate manner.

Engine oil

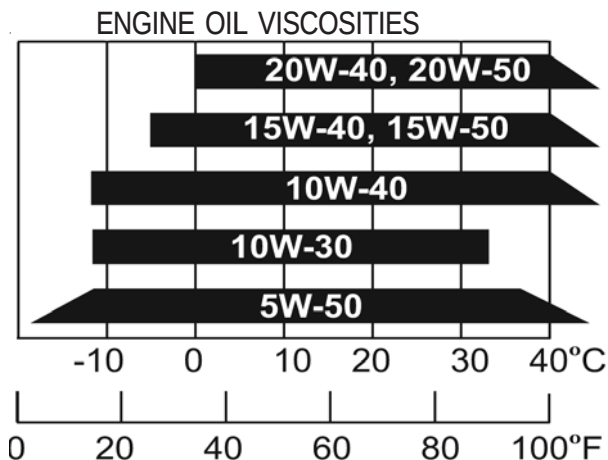
Engine oil recommendation

Use a premium quality 4-stroke engine oil to ensure longer service life of your scooter. Only use oils that have a SG rating per the API service classification.

Engine oil capacity: 0.95 qt (0.9 L)

Engine oil viscosity: SAE 15W-40

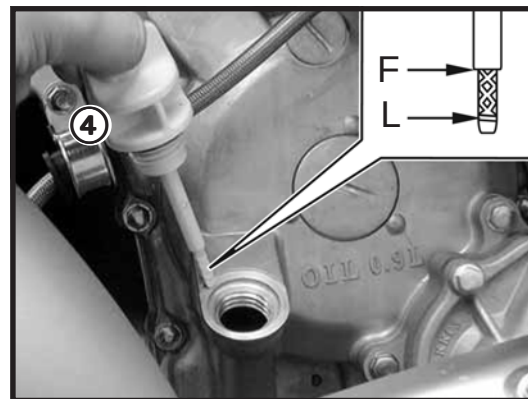
If this viscosity is not available, select an alternative engine oil according to the chart shown below.



Engine oil level inspection

Check the engine oil level each day before riding your scooter

NOTE: Park your scooter on the main stand, on level ground.



1. Start the engine and let it idle for a few minutes
2. Stop the engine and put the scooter on its center stand on level ground
3. Unscrew the dip stick ④, remove it and wipe it with a clean cloth
4. Reinsert the dip stick, slide it down until the threaded part touches the engine case, but do not thread it into the case.
5. Remove the dip stick and visually note the oil level on the stick. The engine oil level should be above the "L" mark but not higher than the "F" mark. Add or remove oil as required.
6. Reinstall the dip stick. Check for oil leaks.

⚠ CAUTION

Do not overfill the engine with oil. Overfilling the engine can cause oil leaks and/or oil contamination of the air filter element. Always make sure the oil level is above the "L" mark but not higher than the "F" mark.

Engine oil replacement

Engine oil quality is the primary factor affecting engine longevity. Change your scooter's engine oil as specified in the maintenance schedule (see pages 39 - 41).

NOTE: When riding your scooter in very dusty conditions, oil changes should be performed more frequently than specified in the maintenance schedule.

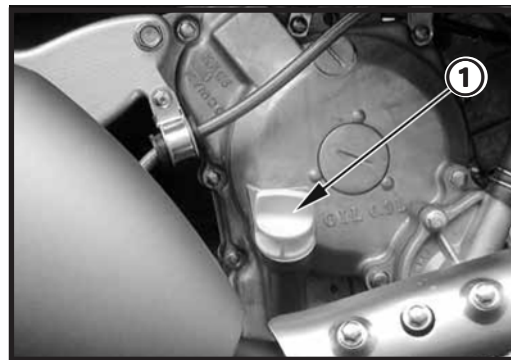
⚠ WARNING

The engine and related components can become very hot. Use care when inspecting or adjusting the oil level to avoid injury. If needed, let the engine and exhaust system cool before working in those areas.

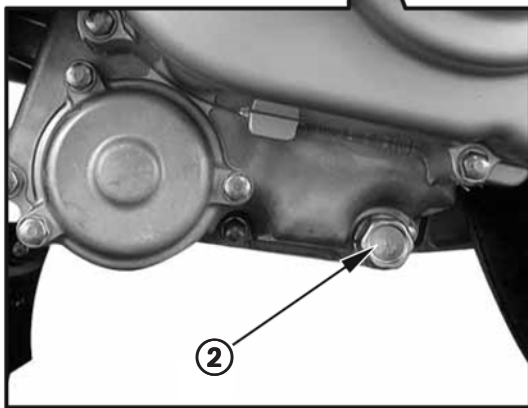
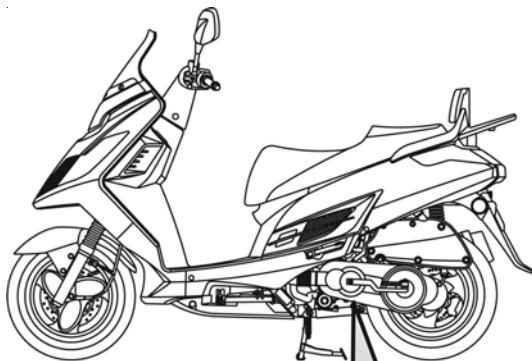
Prolonged contact with used engine oil can cause skin cancer. Although rare, this possibility exists if you handle oil on a frequent basis. Thoroughly wash your hands with soap and water as soon as possible after handling used oil.

NOTE: Change the engine oil with the engine at normal operating temperature with the scooter positioned on its main stand to assure complete and rapid draining.

NOTE: Always dispose of used engine oil in a environmentally responsible manner. Take the drained oil in a sealed container to your local recycling center or service station for reclamation. Do not throw the oil in the trash, pour it on the ground, or pour it down a drain.



1. Remove the oil filler/dipstick ① from the right crankcase cover.
2. Place a suitable container (drain pan) under the left crankcase.



3. Remove the drain bolt ② to drain the oil.

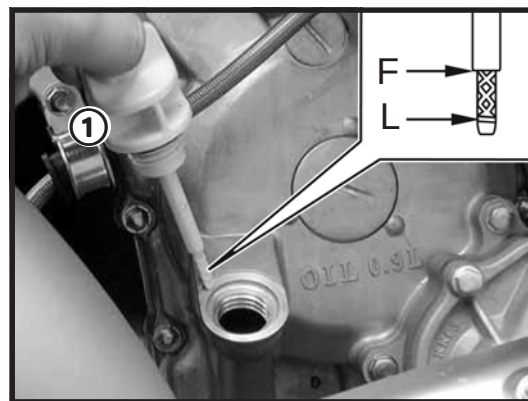
4. Replace the drain bolt ②. Tighten it to the specified torque.

Oil drain bolt torque: 18 lb-ft (25 N.m)

5. Add the specified engine oil through the oil filler/dipstick hole (amount is after draining).

Engine oil capacity: 0.95 qt (0.8 L)

Engine oil viscosity: SAE 15W-40



6. Wipe the dipstick ① off with a clean cloth and reinstall it in its hole, but do not thread it into the engine case. Push the dip stick to the engine until it touches the case.

7. Remove the dip stick and visually inspect the oil level on the stick. The engine oil level should be above the "L" mark but not higher than the "F" mark. Add or remove oil as required.

⚠ CAUTION

Do not overfill the engine with oil. Overfilling the engine can cause oil leaks and/or oil contamination of the air filter element. Always make sure the oil level is above the "L" mark but not higher than the "F" mark on the dipstick.

8. Replace the oil filler/dipstick and tighten it securely.
9. Start the engine and let it idle for 2 - 3 minutes.
10. Stop the engine and recheck the oil level. Make sure the oil level is at the upper mark "F" on the dip stick when the scooter is parked upright on level ground. Make sure there are no oil leaks and reinstall the dip stick.

⚠ CAUTION

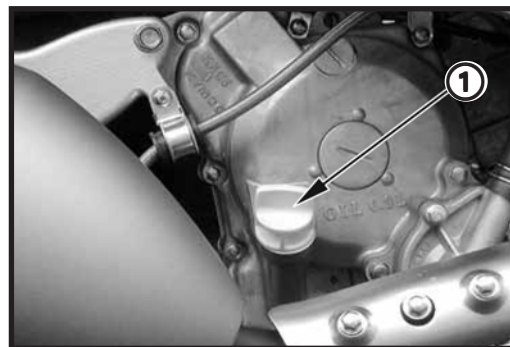
Operating the scooter with a low oil level can cause low oil pressure. Running the engine with insufficient oil pressure can cause serious engine damage.

⚠ WARNING

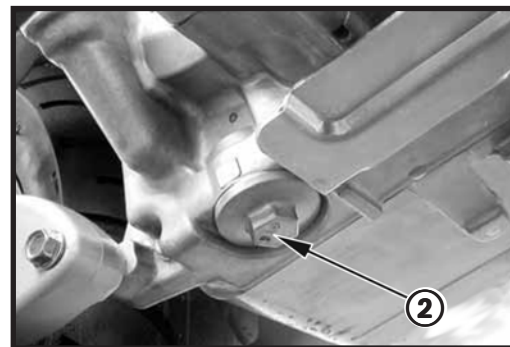
The engine and related components can become very hot. Use care when inspecting the oil level so you do not burn yourself. If needed, let the engine and exhaust system cool before working in those areas.

Engine oil strainer screen cleaning

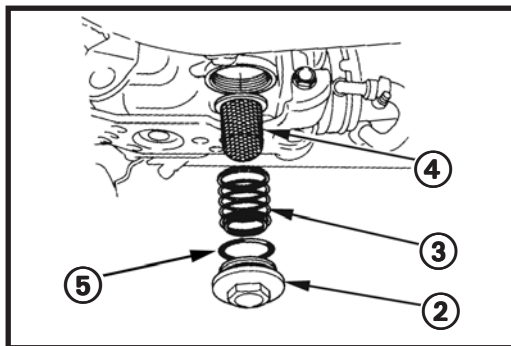
The engine oil strainer screen must be cleaned periodically per the service maintenance schedule (see page 40).



1. Remove the oil dipstick ① from the right crankcase cover.



2. Place a suitable container (drain pan) under the left crankcase and remove the oil strainer screen cap ②.



3. The spring ③ and the oil strainer screen ④ will come out when the cap ② is removed. Let the engine oil drain out.
4. Clean the oil strainer screen.
5. Make sure the oil strainer screen, the seal on the screen, and the drain plug O-ring ⑤ are in good condition.
6. Install the oil strainer screen, the screen seal, the drain plug O-ring and the oil strainer screen cap. Torque the cap to the specified torque.

Oil strainer screen cap torque: 11 lb-ft (15 N.m)

7. Add the specified engine oil through the oil filler/dipstick hole (amount is after draining).

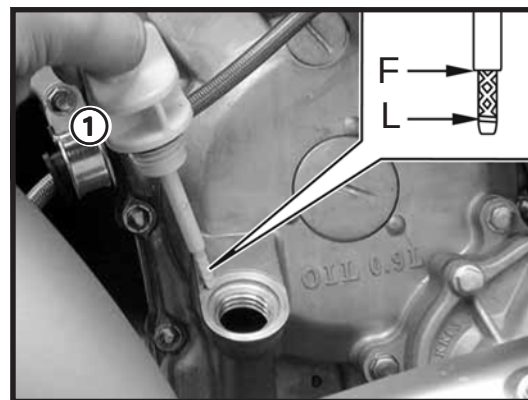
Engine oil capacity: 0.95 qt (0.8 L)

Engine oil viscosity: SAE 15W-40

⚠ CAUTION

Do not overfill the engine with oil. Overfilling the engine can cause oil leaks and/or oil contamination of the air filter element. Always make sure the oil level is above the "L" mark but not higher than the "F" mark on the dipstick.

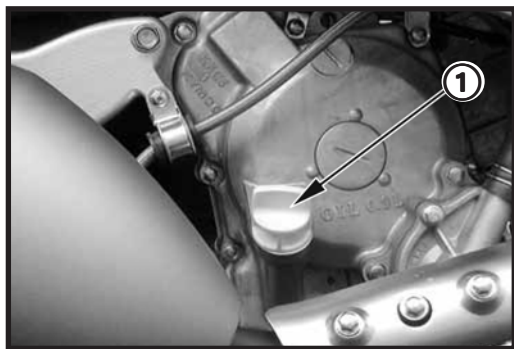
8. Replace the oil filler/dipstick and tighten it securely.
9. Start the engine and let it idle for 2 - 3 minutes.



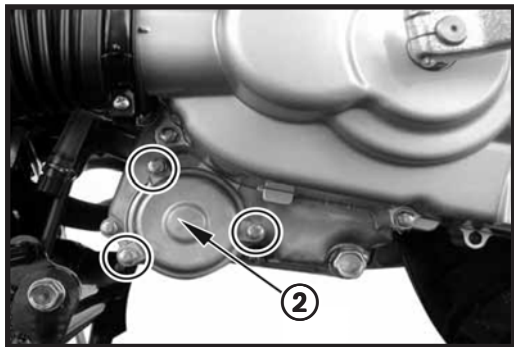
10. Stop the engine and recheck the oil level. Make sure the oil level is at the upper mark "F" on the dip stick ① when the scooter is parked upright on level ground. Make sure there are no oil leaks and reinstall the dip stick.

Engine oil filter replacment

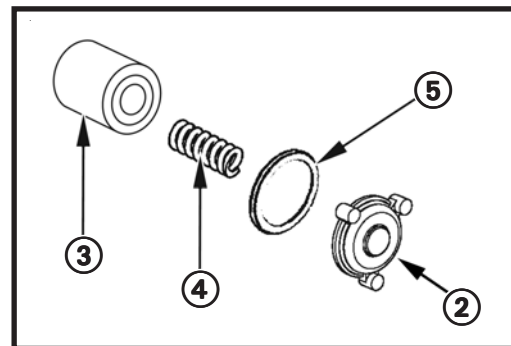
The engine oil filter must be replaced periodically per the service maintenance schedule (see pages 39 - 41).



1. Remove the oil dipstick ① from the right crankcase cover.



2. Place a suitable container (drain pan) under the left crankcase and remove the oil filter cap ②.



3. The oil filter ③ and the oil filter spring ④ will come out when the cap ② is removed. Let the engine oil drain out.
4. Discard the oil filter.
5. Make sure the oil filter cap O-ring ⑤ is good condition.

CAUTION

Only use a genuine KYMCO genuine oil filter element, or an oil filter element of equivalent quality, on your scooter. Using the wrong KYMCO oil filter element, or a non-KYMCO oil filter element which is not of equivalent quality, may cause engine damage.

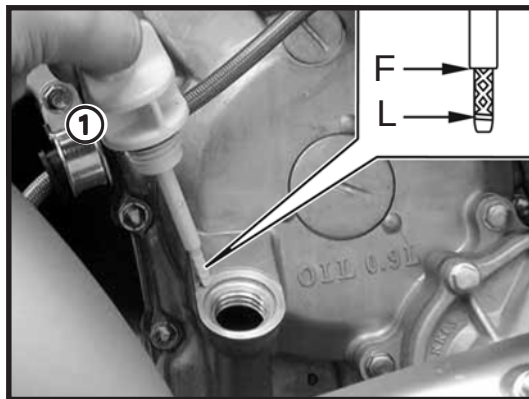
6. Install the oil filter, the oil filter spring, the oil filter cap O-ring and the oil filter cap. Torque the cap's nuts to the specified torque.

Oil filter cap nut torque: 8.6 lb-ft (12 N.m)

7. Add the specified engine oil through the oil filler/dipstick hole (amount is after draining).

Engine oil capacity: 0.95 qt (0.8 L)

Engine oil viscosity: SAE 15W-40



CAUTION

Do not overfill the engine with oil. Overfilling the engine can cause oil leaks and/or oil contamination of the air filter element. Always make sure the oil level is above the "L" mark but not higher than the "F" mark on the dipstick.

10. Stop the engine and recheck the oil level. Make sure the oil level is at the upper mark "F" on the dip stick ① when the scooter is parked upright on level ground. Make sure there are no oil leaks and reinstall the dip stick.

NOTE: Always dispose of used engine oil and oil filters in an environmentally responsible manner. Take the drained oil and old filters in a sealed container to your local recycling center or service station for reclamation. Do not throw the oil or oil filter in the trash. Do not pour the oil on the ground, or pour it down a drain.

8. Replace the oil filler/dipstick and tighten it securely.
9. Start the engine and let it idle for 2 - 3 minutes.

Transmission fluid change

The transmission fluid must be replaced periodically per the service maintenance schedule (see pages 39 - 41).

1. Place the scooter on its center stand.



2. Place a suitable container (drain pan) under the left transmission case and remove the fluid drain bolt (1).
3. As the fluid is draining from the transmission, slowly rotate the rear wheel to force all of the fluid from the transmission.
4. Install the drain bolt with a new sealing washer and tighten it to the specified torque.

Transmission drain bolt torque: 9.5 lb-ft (13 N.m)

5. Fill the transmission with the recommended fluid to the specified capacity.

Transmission fluid type: SAE 90

Transmission fluid capacity: 0.2 qt (0.18 L)

NOTE: Amount is after draining the fluid, only.

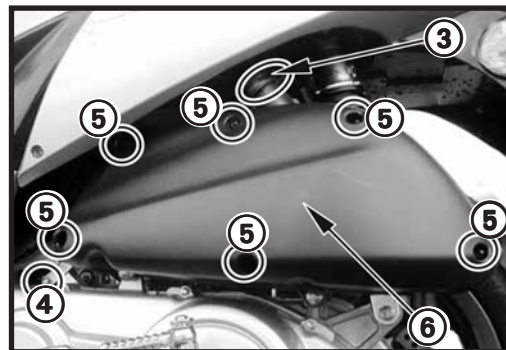
6. Install the transmission filler bolt with a new sealing washer and tighten it to the specified torque.

Transmission fluid filler bolt torque: 9.5 lb-ft (13 N-m)

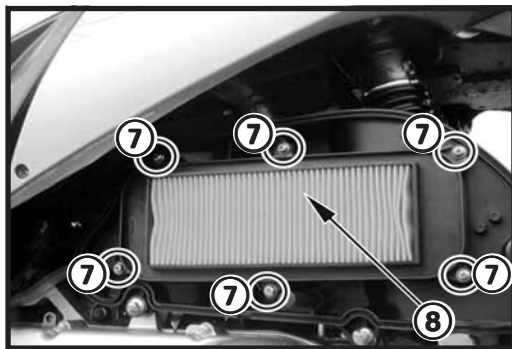
Air cleaner filter element

Your scooter's air cleaner filter element should be serviced at regular intervals. Service the element more often when riding in unusually wet or dusty areas.

1. Open seat (see page 22)



2. Remove the retaining band (3), the crankcase bolt (4) and the six screws (5) from the air cleaner cover (6).



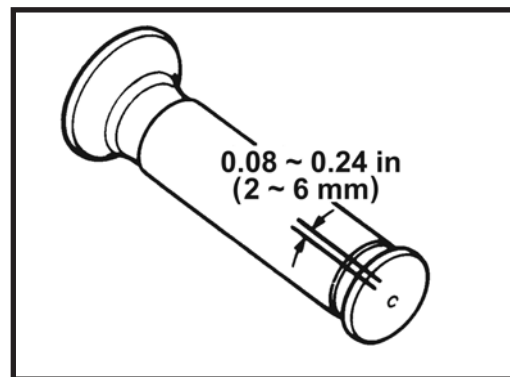
- 3 Remove the six filter retaining screws (7), then remove and discard the air cleaner element (8).
4. Install a new air cleaner element. Use the KYMCO genuine air cleaner element or an equivalent air cleaner element specified for your scooter.
5. Complete the installation by reinstalling the air cleaner parts in the reverse order of removal.

CAUTION

Improper installation for the filter can cause water or dirt to enter the engine causing premature wear.
Using the wrong KYMCO air cleaner element or a non-KYMCO air cleaner element which is not of equivalent quality may cause premature engine wear or performance problems.

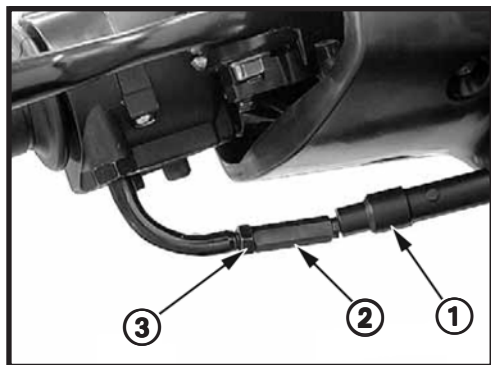
Throttle operation & adjustment

The throttle operation and free play must be inspected and adjusted periodically (as part of the pre-ride inspection).



Checking throttle operation and free play:

- 1 Check that the throttle grip rotates smoothly from the fully open to the fully closed position. Check the operation and all steering angles.
2. Measure the throttle grip free play at the throttle grip flange.
Throttle free play: 0.08 - 0.24 in (2 - 6 mm)



Adjusting throttle free play:

1. Slide the rubber protective sleeve ① back to expose the throttle cable adjuster ②.
2. Loosen the lock nut ③, then turn the adjuster to obtain the proper free play.

Throttle free play: 0.08 - 0.24 in (2 - 6 mm)

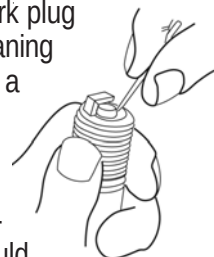
3. After adjustment, tighten the lock nut and slide the protective sleeve back in place.

Engine idle speed

The engine idle speed of your Yager 200i is automatically adjusted by the scooter's fuel injection system. If the idle speed varies or becomes too high or too low, take your scooter to your KYMCO dealer for service.

Spark plug

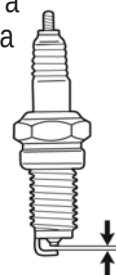
Remove the carbon deposits from the spark plug with a small wire brush or a spark plug cleaning machine. After cleaning (or when installing a new spark plug) readjust the spark plug gap to specified limit by using a spark plug gap thickness gauge. The spark plug should be replaced periodically. Under normal usage, a spark plug's porcelain tip should appear light brown or tan in color. If the spark plug porcelain tip is very white or glazed appearing, then the spark plug has been operating too hot. In such a situation, you should replace the standard spark plug with a spark plug that has a colder heat range (usually a higher number; consult with your KYMCO dealer when selecting an alternate spark plug).



Recommended spark plug

Spark plug type: DPR6EA-9

Spark plug gap: 0.024 - 0.028 in
(0.6 - 0.7 mm)

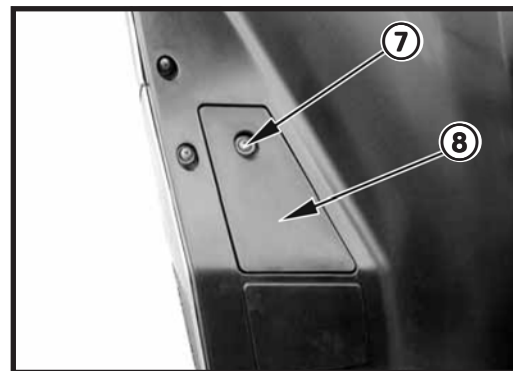
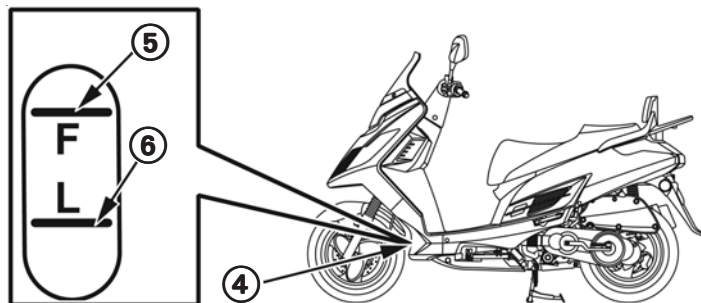


⚠ CAUTION

An improper spark plug may have an incorrect fit or heat range for your scooter's engine. This may cause severe engine damage which will not be covered under warranty. Never use a spark plug with an improper heat range, as severe engine damage may result.

Coolant level inspection

The reserve tank is under left floorboard. Check the coolant level through the inspection window ④ at the left side skirt while the engine is at the normal operating temperature, with the scooter in an upright position.



If the coolant level is below the LOWER level mark ⑥, remove the lid screw ⑦, the reserve tank lid ⑧, and then the reserve tank cap ⑨ to add coolant mixture until it reaches the upper level mark ⑤.

NOTE: If the reserve tank is empty, or if coolant loss is excessive during use, check for leaks, and see your KYMCO dealer immediately for repair.

Coolant should only be replaced by your KYMCO dealer.

WARNING

Add coolant to the reserve tank only. Do not attempt to add coolant by removing the radiator cap. Coolant in the radiator is under pressure and is very hot and can cause serious burns.



Coolant replacement

The coolant in your scooter should be replaced by a KYMCO dealer, unless you have the proper tools, access to service data, and are technically qualified.

NOTE: Always add coolant to the reserve tank. Do not attempt to add coolant by removing the radiator cap.

WARNING

Removing the radiator cap while the engine is hot can cause the coolant to spray out, seriously scalding you. Always let the engine and radiator cool down before removing the radiator cap.

Coolant recommendation

It is your responsibility to have your scooter serviced so it has the proper type and amount of coolant in the cooling system and engine. The coolant must be in good condition and have the proper ratio of antifreeze and distilled water to prevent freezing, overheating, and corrosion. When servicing the coolant, you should arrange to use only high quality ethylene glycol antifreeze that contains corrosion protection inhibitors specifically formulated for use in aluminum engines (see the antifreeze container label).

A 50:50 solution of antifreeze and distilled water is required for the cooling system of your scooter. This coolant solution is recommended for most operating temperatures and provides good corrosion protection.

CAUTION

Use only low-mineral drinking water or distilled water as a part of the antifreeze solution. Water that is high in mineral content or salt may be harmful to the aluminum engine. Using coolant with silicate inhibitors may cause premature wear of water pump seals or blockage of radiator passages. Using tap water can cause engine damage.

If you are using your scooter in an environment where it will encounter freezing temperatures, you should have a higher concentration of antifreeze installed by your KYMCO dealer to provide additional protection against freezing the engine. This higher concentration should not exceed 60% antifreeze -to -distilled water.

During warmer times, bring the antifreeze ratio back to the standard ratio. A concentration of less than 40:60 (40% antifreeze) will not provide proper corrosion protection.

Front and rear suspension inspection

1. Check the fork assembly by squeezing the front brake lever and pump the fork up and down vigorously. Suspension action should be smooth, and there should be no fluid leakage.
2. Swing arm bearings should be checked by pushing hard against the side of the rear wheel while the scooter is on the center stand. Free play indicates worn bearings.
3. Carefully inspect all front and rear suspension fasteners for tightness.

NOTE: If you discover any irregularities during your suspension inspection, take your scooter to a KYMCO dealer immediately for service.

Side stand

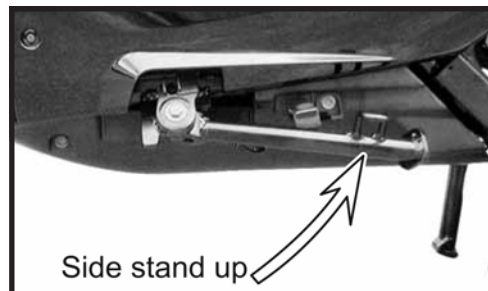
Your scooter's side stand is not only necessary when you park, but it contains an important safety feature. This feature cuts-off the ignition if you try to ride the scooter when the side stand is down. Per the maintenance schedule, you should perform the following side stand inspection.

Physical inspection:

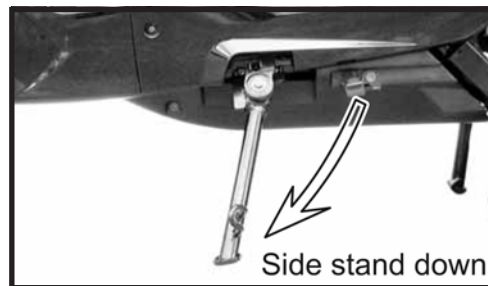
Check the spring for damage or loss of tension. Check the metal stand itself to make sure it is not damaged or bent. Check that the stand has free, smooth movement from the UP to the DOWN position.

Interlock function check:

Check the side stand ignition cutoff system:



1. Place the scooter on its center stand.
2. Put the side stand up and start the engine.

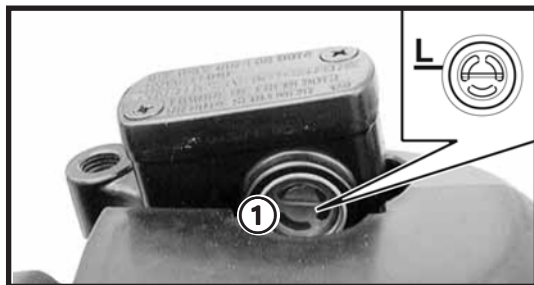


3. Lower the side stand. The engine should stop as you put the side stand down.

NOTE: If the side stand system does not operate as described, see your KYMCO dealer for service.

Brake fluid

Your scooter is equipped with a hydraulic brakes. Check the brake fluid level window ① on the master cylinder reservoirs on the handlebars per the maintenance schedule.



Adding brake fluid:

1. Remove the two Phillips screws retaining the master cylinder cap. Remove the cap.
2. Add the specified type of brake fluid to bring the level above the "L" level in the window.
3. Wipe the master cylinder cap and gasket with a clean cloth and reinstall the cap, tightening the screws securely.

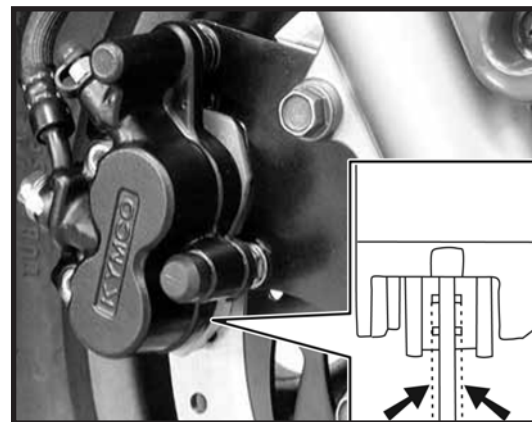
Brake fluid type: DOT 4

WARNING

Do not mix brake fluid types, as it may cause brake failure and could result in an accident. Do not allow brake fluid to touch the body work, as it will damage its surface.

Brake pad inspection

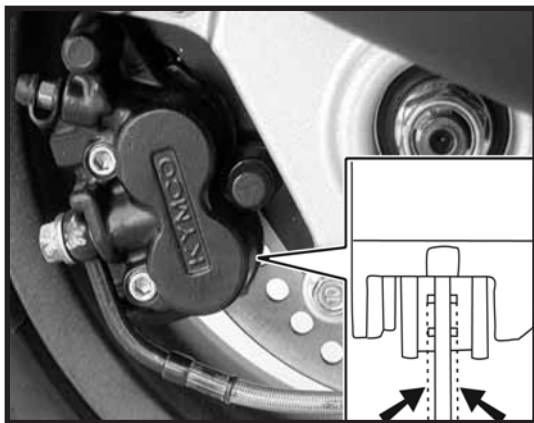
Brake pad wear on your scooter depends upon the severity of usage, the type of riding, and road conditions (generally, the pads will wear faster on wet and dirty roads). Inspect the pads at each regular maintenance interval.



Front right/left brake pads

Check the cutout in each brake pad, the cutout should be visible, indicating that brake pad is not worn down to the brake rotor. If either pad is worn to the cutout, replace both pads as a set.

NOTE: See your KYMCO dealer for brake pad service.



Rear brake pads

Check the cutout in each brake pad. The cutout should be visible indicating that brake pad is not worn down to the brake rotor. If either pad is worn to the cutout, replace both pads as a set.

NOTE: See your KYMCO dealer for brake pad service.

WARNING

Worn brake pads should be replaced immediately. If the pads are not worn, have your brake system inspected for leaks. Do not ride your scooter unless the brakes are in perfect working order.

Battery

Your KYMCO scooter is equipped with a maintenance-free (sealed) battery, so it is not necessary to check the battery's electrolyte level or add distilled water.

NOTE: If your battery seems weak and/or is leaking electrolyte (causing hard starting or other electrical troubles), contact your KYMCO dealer immediately .

CAUTION

Your battery is a maintenance-free type and can be permanently damaged if the cap strip is removed.

Charge the battery with a charger specifically designed for use with a maintenance-free type battery. Using another type of charger can damage the battery.

WARNING

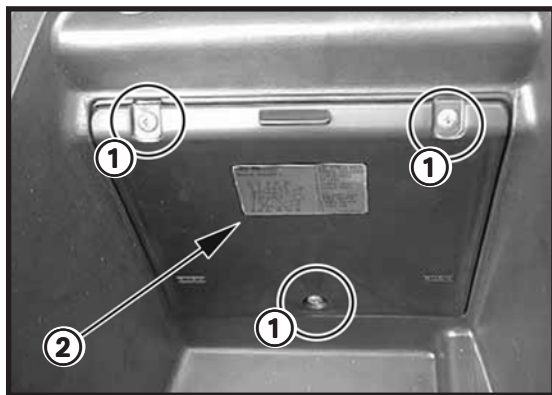
Your scooter's battery gives off explosive hydrogen gas during normal operation. A spark or flame can cause the battery to explode with enough force to kill or seriously injure you. Wear protective clothing and a face shield, or have a qualified technician perform the battery maintenance.

Battery removal & installation

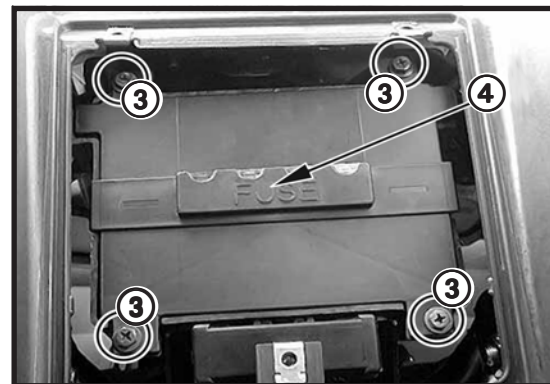
The battery is in the battery box below the seat.

⚠ CAUTION

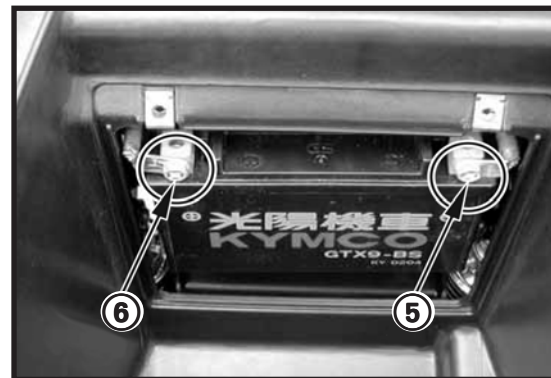
Always keep ignition switch OFF when servicing the battery. Never disconnect a terminal lead from the battery when the engine is running. This can cause damage to the scooter's fuel injection, ignition and electrical systems.



1. Open the seat (see page 22).
2. Remove the three retaining screws (1) and the battery cover (2).



3. Remove the four retaining screws (3) and the battery inner cover (4).



4. Disconnect the negative lead (5) from the battery, then disconnect the positive lead (6) from the battery.

NOTE: When removing the battery for charging or replacement, disconnect the negative (-) terminal lead from the battery first, then disconnect the positive (+) terminal lead.

4. Remove the battery from the battery box.

NOTE: Install the battery in reverse order of the removal.

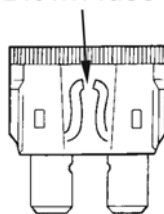
NOTE: When installing the battery, connect the positive terminal lead (+) first, then the negative terminal lead (-).

Fuses

When frequent fuse failures occur, it usually indicates a short circuit or an overload in the electrical system.

NOTE: See your KYMCO dealer for electrical system diagnosis and repair.

Blown fuse



Fuse list:

20A (yellow) CHARGE fuse protects the charging system

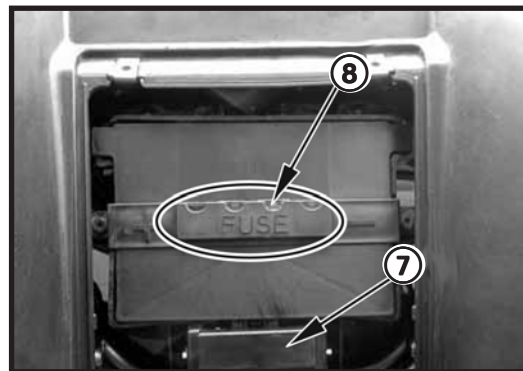
15A (blue) MAIN fuse protects all electrical circuits

15A (blue) RELAY fuse protects the starter motor relay

10A (red) FAN protects the cooling fan motor

Fuse box

The fuse box ⑦ is located under the seat, below the battery in the battery box. The spare fuses ⑧ are located on the battery cover.



WARNING

Never use a fuse with a different rating from that specified. Serious damage to the electrical system or a fire hazard may result, causing a dangerous loss of lights or engine power.

NOTE: If you have to replace a blown fuse, get a new spare fuse immediately. See your KYMCO dealer for electrical system diagnosis and repair.

Tires

WARNING

Failure to follow these warnings may result in an accident due to tire failure. The tires on your scooter are a crucial link between your scooter and the road. You and your passenger's personal safety are dependant upon the condition of your scooter's tires.

Follow these instructions:

- Check tire condition and pressure, and adjust the inflation pressure before each ride.
- Avoid overloading your scooter.
- Replace a tire when worn to the specified limit, or if you find any damage such as cuts or cracks.
- Always use the proper size and type of tires as specified in this Owner's Manual.
- Balance the wheel after tire installation.
- Read this section of the Owner's Manual carefully.

Failure to perform a reasonable break-in of the tires could cause the tires to slip and lose control.

Use extra care when riding on new tires, as the grip will be limited. Perform proper break-in of the tires, as stated in the break-in recommendation section of this manual. Avoid hard acceleration, hard cornering, and hard braking for the first 100 miles (160 km).

NOTE: Check the tire inflation pressure and tire tread condition at the periods listed in the periodic maintenance schedule. For maximum safety and good tire life, the tire pressures should be inspected more often.

Tire pressure

Insufficient air pressure in the tires not only accelerates tire wear, but it also affects the stability of your scooter. Under-inflated tires make smooth cornering difficult, and overinflated tires decrease the amount of tire in contact with the ground, which can lead to skids and loss of control. Make sure that the tire pressures on your scooter are within the specified limits at all times.

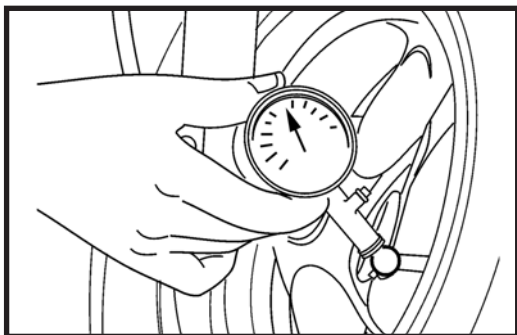
NOTE: Tire pressure should only be adjusted when the tires are cold.

Front tire (rider only):	25.0 PSI (1.75 kg/cm ²)
Rear tire (rider only):	28.0 PSI (2.0 kg/cm ²)

Front tire (rider & passenger):	25.0 PSI (1.75 kg/cm ²)
Rear tire (rider & passenger):	32.0 PSI (2.25 kg/cm ²)

Tire inspection

The condition of your scooter's tires is vital for operational efficiency and your safety. Check the tires' inflation pressure, the tread depth, and look for damage before each ride.

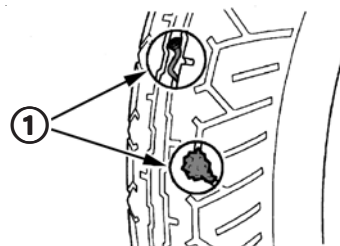


1. Measure and adjust the tire pressure when the tires are touching the ground (with no one seated on the scooter).

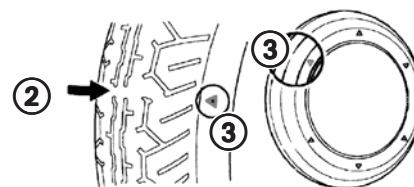
NOTE: Measure the pressure before riding, as the heat generated during operation may cause improper readings. Do not inflate the tires beyond 35.0 PSI (2.5 kg/cm²).

NOTE: Check the tire's tread before each ride. Replace tires if the tread depth is less than the wear limit.

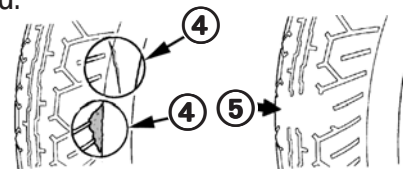
Tire tread wear limit: FRONT 0.06 in (1.6 mm)
 REAR 0.08 in (2.0 mm)



2. Inspect the tires for nails, screws and other objects ① that may be imbedded into the rubber.



3. Check the tread depth ② at the wear indicator points ③. If the tread is worn smooth at these points, the tire must be replaced.



4. Check for damage ④ (blisters or cuts) in the side wall, or for significant flat spots ⑤ on the tires' tread. Replace the tire immediately if any damage of this type is present.

NOTE: When you replace a tire on your scooter, be sure to replace it with a tire of the specified size. If you use a different size of tire, the handling of your scooter will be adversely affected, possibly resulting in loss of control.

Tire size: FRONT 120/70 - 13 TUBELESS
 REAR 140/70 - 12 TUBELESS

NOTE: Be sure to balance the wheel after repairing or replacing a tire. Proper wheel balance is essential to maintain tire grip to the road and to avoid uneven tire wear.

WARNING

The tires on your scooter must be replaced if they:

- Leak air (even at a slow rate)
- Have any damage on the tread or side wall areas
- Have been damaged by intrusion of objects, such as a nail
- Are worn as evidenced by the wear indicators

Failure to replace a tire in poor condition will cause an unsafe riding condition on your scooter. Replace worn or damaged tires immediately for your and your passenger's safety.

Consult your KYMCO dealer for replacement tire service.

Chassis inspection

Complete the pre-ride inspection of your scooter by checking items on its chassis.

Front suspension & rear shock absorber: Check the operation of the suspension by pressing down on the handlebars and seat. Make sure the suspension returns in a smooth fashion.

Brake lever operation: Check that the rear brake (left lever) and the front brake (right lever) have pressure and lock the wheels when you squeeze the levers.

Mirrors: Adjust the mirrors' aim while seated on the scooter BEFORE you begin riding.

License plate: Make sure your license plate is securely mounted and your registration is up to date.

Reflectors: Look to make sure all of the safety reflectors are still mounted to your scooter. Replace any missing or damaged reflectors.

Lubrication points: Occasionally check and lubricate certain controls and points on the scooter as called for in the periodic maintenance schedule (see pages 39 - 41).

Cleaning

Clean your scooter regularly to protect the surface finishes and inspect for damage, wear, and oil, coolant or brake fluid leakage.

Avoid cleaning products that are not specifically designed for scooter, motorcycle, or automobile surfaces. Nonspecific cleaners may contain harsh detergents or chemical solvents that could damage the metal, paint, and plastic on your scooter.

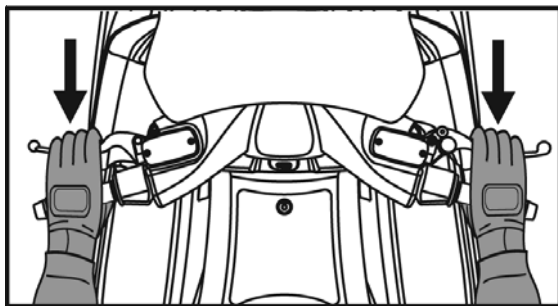
NOTE: If your scooter is still warm from recent operation, give the engine and exhaust system time to cool off before washing. Avoid the use of high pressure water spray (typical in coin-operated car washes), as the powerful spray can damage components on your scooter.



Washing your scooter

1. Rinse the scooter thoroughly with cool water to remove any loose dirt.
2. Clean the scooter with a sponge or soft cloth using cool water. Avoid directing water at muffler outlets and electrical parts.
3. Clean the plastic parts using a cloth or sponge dampened with a solution of mild detergent and water. Rub the soiled area gently, rinsing it frequently with fresh water. Take care to keep brake fluid or other chemical solvents away from the scooter, as they will damage the plastic and painted surfaces.
4. After cleaning, rinse the scooter thoroughly with plenty of clean water. This rinsing is required to remove detergent residue which can corrode alloy parts.
5. Dry the scooter and then start the engine, allowing it to run for several minutes.

NOTE: The inside of the headlight lens may become clouded immediately after washing the scooter. Moisture condensation inside the headlight lens will disappear gradually as it is heated by the headlight. After washing, run the engine while keeping the headlight on to dissipate any condensation.



6. Test the brakes before riding the scooter. Several applications of the brakes may be necessary to restore normal braking performance.

NOTE: Due to water on the brake components, braking efficiency may be temporarily impaired immediately after washing the scooter. Anticipate longer stopping distances to avoid a possible accident.

Finishing touches:

After washing your scooter, consider using a commercially-available spray cleaner/polish or a quality liquid or paste wax to enhance and protect the paint's finish. Use only a nonabrasive polish or wax made specifically for scooters, motorcycles, or automobiles. Apply the polish or wax according to the instructions on the container.

Windshield cleaning

Use plenty of water, clean with windshield with a soft cloth or sponge (avoid using detergents or any kind of chemical cleaner). Dry with a soft, clean cloth.

Removing road salt

The salt used in some areas to prevent road icing can become very corrosive to your scooter. Wash your scooter as soon as possible if it comes in contact with road salt (or sea water).

1. Clean the scooter using cool water (see page 63). Do not use warm water, as this will increase the corrosive effect of the salt.
2. Dry the scooter and protect painted and metal surfaces with wax or polish.

Painted aluminum wheel maintenance

Even if protected by paint, aluminum may corrode from contact with dirt, mud, or road salt. Clean the scooter's wheels with a wet sponge and mild detergent. Avoid stiff brushes, steel wool, or cleaners containing abrasives or chemical compounds.

After washing, rinse with plenty of water and dry with a clean cloth. Apply touch-up paint to the wheels where damage has occurred.

Exhaust pipe maintenance

The exhaust system is stainless steel, but it can become stained by oil or mud. If necessary, remove heat stains with a liquid kitchen-counter abrasive.

STORAGE GUIDE

Extended storage, such as for the winter months, requires that you take certain steps to reduce the effects of deterioration from the non-use of your scooter. Whenever possible, perform any necessary periodic maintenance or repairs before storage so the scooter will be in good condition for riding when it is removed from storage.

Storage

1. Change the engine oil and filter.
2. Empty the fuel tank into an approved gasoline container using a commercially available hand siphon or an equivalent method. Spray the inside of the tank with an aerosol rust-inhibiting oil. Close the fuel filler cap on the fuel tank



WARNING

Gasoline is highly flammable and explosive. You can be burned or seriously injured when handling fuel. Stop the engine and keep heat, sparks, and flame away. Refuel the scooter outdoors and wipe up any spills immediately.

3. To prevent rusting in the cylinder, perform the following:

Remove the spark plug cap from the spark plug, and use tape or string to secure the cap to any convenient plastic body part so that it is positioned away from the spark plugs.

Remove the spark plug from the engine and store it in a safe, dry place. Do not connect the spark plug to the spark plug cap.

Pour a tablespoon (15 - 20 cc) of clean engine oil into the cylinder and cover the spark plug hole with a piece of cloth.

Crank the engine several times to distribute the oil.

Reinstall the spark plug and spark plug cap.

5. Remove the battery. Store it in an area protected from freezing temperatures and direct sunlight. Slow charge the battery once a month (use a quality charger designed for use on a maintenance-free type battery).
6. Make sure the cooling system is filled with a 50/50% anti-freeze solution.
7. Wash and dry the scooter. Wax all painted surfaces. Coat the chrome or bare aluminum parts with rust inhibiting oil.
8. Inflate the tires to their recommended pressures. Place the scooter on blocks to raise both tires off the ground.
9. Cover the scooter (don't use plastic or other coated materials) and store in an unheated area, free of excessive moisture, with a minimum of daily temperature variation. Do not store the scooter in direct sunlight, as the sun's UV rays can damage the body work and other components.

Removal from storage

1. Uncover and clean the scooter.
2. Change the engine oil if more than 1 month has passed since the start of storage.
3. Charge the battery as required (use a quality charger designed for use on a maintenance-free type battery). Install the battery.

CAUTION

Your battery is a maintenance-free type and can be permanently damaged if the cap strip is removed.

Charge the battery with a charger specifically designed for use with a maintenance-free type battery. Using another type of charger can damage the battery.

4. Drain any excess aerosol rust-inhibiting oil from the fuel tank. Fill the fuel tank with fresh gasoline.

WARNING

Gasoline is highly flammable and explosive. You can be burned or seriously injured when handling fuel. Stop the engine and keep heat, sparks, and flame away. Refuel the scooter outdoors and wipe up any spills immediately.

5. Perform a pre-ride inspection (see page 31). Test ride the scooter at low speeds in a safe riding area, away from traffic.

MAINTENANCE RECORD

[illegible]

Dimensions

Overall length	81.2 in (2030mm)
Overall width	31.2 in (780 mm)
Overall height	50.2 in (1255 mm)
Wheel base	55.6 in (1390 mm)
Seat height	31.2 in (795 mm)
Dry weight.....	303.6 lbs (140 kg)

Capacities

Engine oil	0.95 qt (0.9 L)
Transmission oil.....	0.2 qt (0.18 L)
Fuel tank	2.86 US gal (11 L)
Maximum weight capacity.....	358 lbs (163 kg)

Engine

Type	Four-stroke, liquid-cooled SOHC
Displacement	174.5 cc (10.48 cu. in)
Bore and stroke	2.48 in X 2.31 in (62 X 57.8 mm)
Compression ratio	11.2:1
Carburetion	Electronic Fuel Injection
Spark plug	DPR6EA-9
Idle speed (dealer adjustment only)	1560 - 1760 RPM
Cooling system	Water/Antifreeze (fan cooled)
Starting system	Electric starter motor
Transmission	Automatic CVT

Chassis

Tire size, front.....	120/70 - 13
Tire size, rear	140/70 - 12
Chassis material	Steel
Front suspension	Telescopic, double swing arm
Front suspension travel	3.54 in (90 mm)
Rear suspension	Dual shock absorbers
Rear suspension travel	2.76 in (70 mm)
Brake (front)	Disc type
Brake (rear)	Disc type

Electrical

Ignition type	DC-CDI
Battery	12v-10Ah
Headlight	12v 60/55W
Tail/brake light	12v5W/12v21W
Turn signal light	12v 10W X 4
Position light	12v5W
Fuse (main)	20A
Fuses (other)	15A, 10A

Exhaust emission control system maintenance

The exhaust emission control system does not require extraordinary care to ensure its proper function. Adhere to the following procedures to make sure the system functions properly so your scooter will not excessively pollute the environment.

1. Make sure the air cleaner filter element is kept in good condition. See page 63 for cleaning procedures.
2. The engine oil should be changed regularly to promote proper engine efficiency and reduce pollutants that accumulate in used engine oil. Change the engine oil as specified in the maintenance schedule on pages 39 - 41 of this manual.
3. Use the proper type of gasoline. Your scooter's engine has been developed to use unleaded gasoline (see page 20 for the fuel recommendations). Using the improper type of fuel, such as a leaded fuel or fuel with performance-enhancing additives will increase exhaust pollutants and will reduce the efficiency of your scooter's engine.

WARNING

Immediately repair or replace any fuel or emission system component that will affect the efficiency and emission of your scooter.

Never modify your scooter, as improper modifications will affect the safety, the performance and emission output of your scooter.

Be aware that only an authorized KYMCO dealer has the tools, the expertise and the technical resources to properly diagnose and repair the emission system components on your Super 8 scooter. Do not attempt to effect repairs of this type yourself or you might endanger the environment or your own safety.

Crankcase Emission Control System

Your Yager scooter's engine is equipped with a closed crankcase system. Blow-by gases are routed back in to the combustion chamber via the intake system. This system does not allow the blow-by gases to enter the atmosphere.

Exhaust Emission Control System

The exhaust emissions from your Yager scooter are controlled by engine design, factory-set fuel delivery, ignition settings, and exhaust system design.

Noise Exhaust Emission Control System

The engine, intake and exhaust systems of your Yager scooter were designed to comply with federal, state and local noise level requirements. Do not modify the engine, intake or exhaust components, as doing so will affect compliance with these noise level requirements.

Please do not modify or change any KYMCO-designed components that may alter the sound or emission levels from your Yager 200i scooter.

KYMCO LIMITED WARRANTY NOISE EMISSIONS

KYMCO USA Inc, 5 Stan Perkins Road, Spartanburg, SC 29307, USA warrants that this vehicle was designed, manufactured and equipped so that when new, it conforms with the applicable Motorcycle Noise Regulations of the U.S. EPA Environmental Protection Agency.

This warranty is not limited to any particular part, component or system of the vehicle. Defects in design, assembly, or in any part, component or system of the vehicle which, at the time of sale to the first purchaser, caused noise emission levels to exceed applicable Federal standards in effect at the time of manufacture, are covered by this warranty.



KYMCO MOTORCYCLE AND SCOOTER LIMITED WARRANTY

KYMCO USA Inc., 5 Stan Perkins Road, Spartanburg, SC 29307, USA warrants for a period of twenty four- (24) months from the date of initial retail purchase from an authorized KYMCO dealer that each new KYMCO motorcycle or scooter shall be free, under normal use and maintenance, from any defect in material and workmanship subject to the following conditions, exclusions, obligations and limitations:

1. EXCLUSIONS. The following are specifically excluded from the terms and provisions of this warranty:

- Any KYMCO motorcycle or scooter engaged in competitive racing or related use.
- Any KYMCO motorcycle or scooter utilized for rental purposes.

2. COVERAGE. Any material or workmanship found to be defective by KYMCO within the warranty period and limitations shall be repaired without charge for parts or labor at any authorized KYMCO dealer located within the United States of America.

3. WARRANTY PERIOD. The warranty is effective from the date of purchase by the original owner with the following limitations:

SECTION 1 – All parts and repair labor are covered for the first 365 days.

SECTION 2 – Engine and electrical parts and repair labor are covered for the first 540 days.

SECTION 3 – Engine parts and repair labor are covered for 730 days.

4. OWNER'S OBLIGATIONS. The following obligations must be fulfilled by vehicle's owner to maintain KYMCO warranty coverage:

- Owner must deliver the motorcycle or scooter to an authorized KYMCO dealer or equally qualified service facility for inspection, maintenance, services and adjustments according to the Periodic Maintenance chart contained in the owner's manual.
- All inspection, maintenance services and adjustments are to be performed at the owner's expense.

5. LIMITATIONS. This warranty shall not apply to or include any of the following:

- The normal expense of routine maintenance services and adjustments. This also includes parts that require replacement due to normal wear, such as spark plugs, drive chains, belt drives, air cleaner elements, brake shoes, cables, hoses, oils, coolants and tires.
- Damage from the lack of periodic maintenance, or damage resulting from repairs, adjustments, maintenance operations, or the use of non-genuine parts or accessories, fuel or fluids that do not follow KYMCO service recommendations.
- Damage caused by collision, improper operation, or caused by loading beyond the vehicle's rated load capacity.
- Damage caused by modifications made to the vehicle to increase performance.
- Damage caused by improper storage or transport, or towing or transportation expenses to move the vehicle to a KYMCO dealer for service or repair.
- Damage caused by natural disasters such as fires, floods, collision or theft, or any damage caused by the passage of time such as fading, peeling or other deterioration caused by outside elements.
- Repair or replacement of worn items caused by the use of the motorcycle or scooter and normal operational characteristics such as engine sounds, vibration, seepages (and other situations not considered defects by KYMCO).

6. LIMITED LIABILITY.

- The liability of KYMCO under the twenty four- (24) month warranty is limited solely to the remedying of defects materials or workmanship by an authorized KYMCO dealer at its place of business during customary business hours. This warranty does not cover inconvenience or loss of use of the motorcycle or scooter, or transportation of the motorcycle or scooter to or from a KYMCO dealer.

KYMCO SHALL NOT BE LIABLE FOR ANY OTHER EXPENSE, LOSS OR DAMAGE, WHETHER DIRECT, INCIDENTAL, CONSEQUENTIAL OR EXEMPLARY ARISING IN CONNECTION WITH THE SALE OR USE OF, OR INABILITY TO USE, THE KYMCO MOTORCYCLE OR SCOOTER FOR ANY PURPOSE. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

- NO EXPRESS WARRANTY IS GIVEN BY KYMCO WITH RESPECT TO THE KYMCO MOTORCYCLE OR SCOOTER EXCEPT AS SPECIFICALLY SET FORTH HEREIN. ANY WARRANTY IMPLIED BY LAW, INCLUDING ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, IS EXPRESSLY LIMITED TO THE TWENTY FOUR- (24) MONTH WARRANTY TERM SET FORTH HEREIN. THE FOREGOING STATEMENTS OF WARRANTY ARE EXCLUSIVE AND IN LIEU OF ALL OTHER REMEDIES. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU.

- No dealer is authorized to modify this KYMCO Limited motorcycle or scooter Warranty.

7. LEGAL RIGHTS. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.

Issue Number:T500-MC-A1
Revised: June 5, 2008

Accessories & Modifications	6	Fuses	59	Right-hand Handlebar Switch	18
Air Filter Maintenance	50 - 51	Headlight Aim Adjuster	27	Scooter Safety	3 - 4
Battery	57 - 59	Headlight Dimmer Switch	18	Seat	22
Brake Fluid Inspection	56	Helmet Posts	24	SECTION 1 - SAFETY	2 - 6
Brake Pad Inspection	56 - 57	Horn Button	19	SECTION 2 - CONTROLS & FEATURES	7 - 28
Brakes	20	Identification Numbers Record(inside of back-cover)		SECTION 3 - OPERATION	29 - 37
Break-in Recommendations	29	Ignition Cutoff	34	SECTION 4 - MAINTENANCE	38 - 67
CA Prop 65 Warning	(inside of front-cover)	Ignition Switch	10	Side Stand Inspection	55
Chassis Inspection	62	Importance of Maintenance	38	Side stand	26
Cleaning Your Scooter	63 - 64	Index	72	Spark Plug	52
Clock	15 - 16	Instruments	11 - 16	Specifications	68
Coolant Level Inspection	53	Keys	10	Starting the Engine	32 - 33
Coolant Replacement	54	KYMCO Limited Scooter Warranty	71	Storage	65 - 66
Crankcase Breather Drain	42	Left-hand Handlebar Switch	18 - 19	Suspension Adjustment (spring preload)	55
Diagnostic Tool Connector	28	Load Limits & Guidelines	5	Table of Contents	1
Electric Start Button	18	Locations of Parts & Controls	7 - 8	Throttle Free-play Adjustment	52
Emission Information & EPA Warranty	69 - 70	Main Stand	26	Throttle Operation	51
Engine Oil Change	44 - 46	Maintenance Record	67	Tire Break-in	30
Engine Oil Filter Change	48 - 49	Maintenance Schedule	39 - 41	Tires	60 - 62
Engine Oil Level Inspection	43 - 44	Manual Icon Legend	(inside of front-cover)	Tool Kit	42
Engine Oil Recommendation	43	Multifunction Display	12 - 17	Transmission Fluid Change	50
Engine Oil Screen Cleaning	46 - 47	Oil Service Indicator	13 - 14	Trip-meter	12 - 13
Engine-stop Switch	18	Parking Your Scooter	37	Troubleshooting	30
Foreword	2	Passenger Pegs	25	Turn Signal Switch	19
Fuel Filler Cap	20 - 21	Pre-ride Inspection	31	Under-seat Storage Compartment	23
Fuel Level Gauge	14	Riding Your Scooter	34 - 36	VIN & ESN	9



1. IGNITION SWITCH KEY IDENTIFICATION NUMBER

The ignition switch key identification code is stamped on tab ① supplied with the key. If you require a replacement key, you will need this code to obtain a new key from your authorized KYMCO dealer. Record the key number in the box above.

2. VEHICLE IDENTIFICATION NUMBER (VIN)

3. ENGINE SERIAL NUMBER (ESN)

Record the Vehicle Identification Number ② and Engine Serial Number ③ in the boxes above for future reference (to assist you in ordering parts from your authorized KYMCO dealer or for reference in case the vehicle is stolen).

NOTE: Your scooter and its keys may differ in appearance from those shown in this manual.



**5 Stan Perkins Road
Spartanburg, SC 29307
Telephone: (888) 235-3417
FAX: (864) 327-4745**

**Prepared: August 2008
T300-SJ40AB-US-A5**