Do not remove this Owner’s Manual from the vehicle. Read this manual carefully before operating the vehicle as it contains important safety information.
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## SPECIFICATIONS ......................................35
Thank you for purchasing this KYMCO Movie 150 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 controls, its features, capabilities, and 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.
SCOOTER SAFETY

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.

Keep your scooter in safe condition
For safe riding, it's 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
Do not forget to perform an entire safety inspection to ensure you, and your passenger's safety, before each ride.

Be extra safety conscious on bad weather days
Riding on bad weather days, especially wet ones, requires extra caution. Braking distance can double on a rainy day. Stay off of the 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.
SCOOTER SAFETY

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. Bright colored and reflective clothing can help make you more noticeable in traffic. Be sure to avoid loose clothes that could 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 be 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 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.
ACCESSORIES & MODIFICATION

There is a large variety of accessories available to KYMCO scooter owners. KYMCO cannot have direct control over the quality or suitability of 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 accessory on the market or combinations of all the available accessories; however, your KYMCO dealer can assist you in selecting quality accessories and then install them correctly.

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

No modifications

KYMCO strongly advises you against removing any original equipment 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 instruction. If you have any questions, consult an authorized KYMCO dealer.
LOCATION OF PARTS & CONTROLS

① Rear Brake Lever
② Headlamp
③ Fuel Filler Cap
④ Side Stand
⑤ Engine Number
⑥ Air Filter
⑦ Left Turn Signal Lamp
⑧ Taillamp, Stoplamp
⑨ Luggage Box

■ NOTE: Your scooter may differ slightly in appearance from the images in this manual.
LOCATION OF PARTS & CONTROLS

10 Muffler
11 Oil Filler Cap/dipstick
12 Rear Passenger Foot Peg
13 Center Stand
14 Right Turn Signal Lamp
15 Front Brake Lever
16 Right Handlebar Switch
17 Ignition Switch

■ NOTE: Your scooter may differ slightly in appearance from the images in this manual.
SECTION 2 - CONTROLS & FEATURES

IGNITION SWITCH
To operate the ignition switch and its functions:

“ 🗿️” Position:
All electrical circuits are off. The engine will not start or run.

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

“ 🔒” Position:
To lock the steering, turn the handlebar all the way to the left, push down and turn the key to the " 🔒 " position and remove the key. All electrical circuits are off.

“ 🗝️” Position:
To open the fuel filler cap, turn the key to the " 🗝️ " position. Make sure that the key is at the " 🎧 " position when starting the engine.
SECURITY SHUTTER

To open the ignition switch security shutter:

Push the shut-button on the ignition switch cover and then the shutter ① should be closed.

To shut the ignition switch security shutter:

Insert the specific key ② until the fillister ③ is facing the pin.

Turn clockwise and then the security shutter should be opened.

The keys have a unique code that is stamped on the tab supplied with the keys. This code is not stamped on the scooter and is not recorded in the vehicle's basic documentation for security reasons. Since this code is required if you need replacement keys, record this important code in the box provided on the inside, rear cover of this Owner's Manual.
CONTROLS & FEATURES

Instruments

① Odometer/Tripmeter: Press the "mode" button to toggle between the overall and trip mileage, or to reset the tripmeter.
   - Press the “ADJ.” button for two seconds, then displays the ODO, TRIP or empty mode.
   - Press the “ADJ.” and “MODE” button simultaneously at the TRIP mode, then the figure reset automatically.

② Speedometer: Indicates the road speed in MHP (miles-per-hour). The meter face also indicates road speed in K/PH (kilometers per hour).

③ Turn Signal Indicator Light: Flashes when either turn signal is being used.

④ High Beam Indicator Light: This light is illuminated when the headlight high beam is on.

⑤ Fuel refill indicator “Œ”: This indicator lights when the fuel tank is near empty to alert the rider to refill the fuel tank as soon as possible.

⑥ Tachometer: Indicates the engine speed in the revolutions per minute (RPM)
Clock

Oil service indicator: Lights when the scooter has reached the oil service interval mileage. The indicator also lights when the ignition is turned "ON" but should go out once the engine is running.

- Press the "ADJ." button for two second, then displays the ODO, TRIP or empty mode.

- Press the "ADJ." and "MODE" button simultaneously at the empty mode, then the indicator go out automatically.
Multifunction display - Digital clock
The clock indicates the time in hours and minutes when the ignition is “ON”.

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

1. Turn 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 adjusted in ODO mode, don’t 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 Adjust button at the same time for more than two seconds. The “hour” digits will be 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

7. 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
CONTROLS & FEATURES

Right handlebar switch
Electric starter button ① "①" position:
Press the electric starter button to activate the starter motor.

■ NOTE: The starter motor will not engage unless a brake lever is squeezed at the same time the starter button is pressed.

Left handlebar switch
Turn signal switch ② :
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 the switch in when it is in the center position.

Horn button ③ :
Press the horn button to sound the horn.
**CONTROLS & FEATURES**

**Dimmer switch ④ :**

" " switch position turns the headlight low beam on.
" " switch position turns the headlight high beam on and the high beam indicator light on the dash is activated as well.

**Passing light button ⑤ :**

Use this button to rapidly flick the headlamp high beam on and off to signal other vehicles that you wish to pass.

**Front brake lever (right handlebar)**

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

**Rear brake lever (left handlebar)**

Apply the rear brake only by squeezing the left hand brake lever gently towards the grip. The brake light will illuminate when the lever is squeezed.
Fuel level inspection / Refilling

When the fuel level gauge needle approaches "E" (indicating the tank is nearly empty) refill the tank with unleaded gasoline.

To open the fuel filler cap:

Turn the ignition switch key from the " \( \Xi \) " position to the " \( \Pi \) " position, and the fuel filler cap \( \textcircled{6} \) will open.

Fuel recommendation

Use unleaded gasoline with a research octane number of 91 or higher to prevent from spark plug and exhaust component damaged. After refueling, be sure to close the filler cap securely.

⚠️ 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.
CONTROLS & FEATURES

Seat
To unlock the seat
With the ignition key at the "全世界 " position (the engine is running), push the key in and turn it counterclockwise from "全世界 " to the"全世界 " position.

With the ignition key in the "全世界 " position (the engine is not running), turn the counterclockwise from the "全世界 " to the "全世界 " position.

Pull up on the back portion of the seat to lift it up.

Helmet holder
To use the helmet holders, open the seat and hook your helmet's fastener ring to the holder ⑦ and close the seat securely.

⚠️ WARNING
Use the helmet holder only when your scooter is parked. Do not ride with a helmet hanging from the holder.
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.

3. Front and rear brakes: Check operation, make sure there is no brake fluid leakage (page 29).
4. Tires: Check condition and inflation pressure (page 33).
5. Throttle: Check for smooth operation and that it closes completely in all steering positions (page 27).
6. Lights and horn: Check that headlight, tail/brake light, turn signals, indicators and horn function properly.
7. Steering: Check for condition and smoothness.
OPERATION

Starting the engine
Always follow the proper starting procedure described here and on the following pages.

⚠️ CAUTION
To protect the catalytic converter in your scooter's exhaust system, avoid idling for extending periods of time and do not use leaded gasoline.

⚠️ 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.

1. Place your scooter on its center stand and put the side stand up.
2. Insert the ignition key and rotate the ignition switch to " " ON.
3. Squeeze the left (rear) brake lever.

**NOTE:** The electric starter will only work when the left (rear) or right (front) brake lever is squeezed.

4. With the throttle closed, press the starter button ①.
   Release the starter button as soon as the engine starts.

### CAUTION

Operating your scooter's engine with insufficient oil pressure can cause serious engine damage.

5. Keep the throttle closed while warming up the engine

6. Keep the engine to warm up fully before riding.
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 gas that is colorless and odorless, and can cause death or severe injury. Operate the engine only where there is adequate ventilation, preferably outdoors.
MAINTENANCE

Maintenance schedule
Perform the pre-ride inspection (see page 16) at each scheduled maintenance period. This interval should be judged by odometer reading or months, whichever comes first.

Maintenance schedule legend (see page 21 and 22):
I: INSPECT AND CLEAN, ADJUST, LUBRICATE OR REPLACE IF NECESSARY
C: CLEAN     R: REPLACE     A: ADJUST     L: LUBRICATE

The maintenance schedule on the flowing two pages specifies the maintenance required to keep your Movie 150 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 recommends that your KYMCO dealer road test your scooter after each periodic maintenance service is completed.

Maintenance schedule notes (see page 21 and 22):
1. At higher odometer readings, repeat at the frequency interval established 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 1,200 mi (2,000 km) after replacement and replace every 3,000 mi (5,000 km).
5. Replace every 2,500 mi (4,000 km).
6. Replace every 2 years. Replacement requires mechanical skill.
<table>
<thead>
<tr>
<th>ITEM</th>
<th>FREQUENCY</th>
<th>WHICHEVER COMES FIRST</th>
<th>ODOMETER READING [NOTE (1)]</th>
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<td>TRANSMISSION OIL</td>
<td>NOTE 5</td>
<td>R R R R R R R R</td>
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<td>DRIVE BELT</td>
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<tr>
<td>* AIR CLEANER</td>
<td>NOTE 2</td>
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<td>* VALVE CLEARANCE</td>
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<td>* FUEL LINE</td>
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<tr>
<td>CRANKCASE BREATHER</td>
<td>NOTE 3</td>
<td>C C C C C C C</td>
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<td>ENGINE OIL</td>
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<td>R</td>
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<td>23</td>
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</tbody>
</table>

**NOTE:**
1. For X 1000 km: 0.3, 1, 3, 5, 7, 9, 11
2. For X 1000 mi: 0.2, 0.6, 1.8, 3, 4.2, 5.4, 6.6
3. Whichever comes first.
4. Refer to page 27.
5. Refer to page 28.
## MAINTENANCE

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<th>FREQUENCY</th>
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<td>X 1000 km</td>
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<td>0.3</td>
<td>1 3 5 7 9 11</td>
<td>X 1000 mi</td>
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<td>0.2</td>
<td>0.6 1.8 3 4.2 5.4 6.6</td>
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<td>HEADLIGHT AIM</td>
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<td>NUTS, BOLTS, FASTENERS</td>
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<td>I I I I I I I</td>
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</table>

**NOTE:**
- X 1000 km
- X 1000 mi
- Refer to page 3024181263
MAINTENANCE

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 SD rating above per the API service classification.

Engine oil viscosity: SAE 15W-40
If these viscosities are not available, select an alternative engine oil according to the chart shown below.

Engine oil capacity: 0.95 qt (0.9 L)

Engine oil level inspection
Check the engine oil level each day before riding your scooter. The level must be maintained between the upper 1 and lower level 2 marks on the oil filler cap/dipstick 3.

1. Start the engine and let it idle for a few minutes.

CAUTION
Running the engine with insufficient oil pressure can cause serious engine damage.

2. Stop the engine and put the scooter on its center stand on level ground.
MAINTENANCE

3. After a few minutes, remove the oil filler cap/dipstick, wipe it clean, and reinsert the oil filler cap/dipstick without screwing it in. Remove the oil filler cap/dipstick. The oil level should be between the upper and lower marks on the oil filler cap/dipstick.

4. If required, add the specified oil (see page 23) so the oil level touches the upper level mark on the dipstick. Do not overfill.

5. Reinstall the oil filler cap/dipstick ③. Check for oil leaks.

⚠️ 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 replacement
Engine oil quality is the primary factor that affects engine longevity. Change your scooter's engine oil as specified in the maintenance schedule (see page 21).

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

1. Remove the oil filler/dipstick ③ from the right crankcase cover.

2. Place a suitable container (drain pan) under the left crankcase.
MAINTENANCE

3. Remove the oil drain plug ④ from the crankcase to drain the oil.

4. Reinstall the drain plug and tighten it to the specified torque.

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

5. Add oil to the engine per the amounts listed below, and reinstall the oil filler/dipstick.

Engine oil capacity: 0.85 qt (0.8 L)

■ NOTE: Amounts are after draining the oil only.

6. Start the engine and let it idle for 2 - 3 minutes.

7. Stop the engine and check the oil level on the dipstick when the scooter is parked on the center stand, on level ground.

8. Adjust the oil level as required (so the level reaches the upper mark on the dipstick). Replace the dipstick and inspect for any leaks.

⚠️ CAUTION

Running the engine with insufficient oil pressure can cause serious engine damage.

4
MAINTENANCE

Transmission fluid change
1. Place the scooter on its center stand.

2. Remove the transmission fluid drain bolt ①.

3. Remove the transmission fluid filler bolt ②, then slowly rotate the rear wheel to drain the fluid.

4. Fill the transmission with the recommend fluid to the capacity listed below.

Transmission fluid type: SAE 90

Transmission fluid capacity:
0.11 qt (0.10 L)

5. Install the transmission filler bolt and tighten it to the specified torque.

Transmission fluid filler/drain bolt torque: 15 lb-ft (20 N-m)
Air cleaner filter element
The air cleaner filter element should be serviced at regular intervals by a KYMCO dealer, unless you have the proper tools, service data and are technically qualified to do so.
Have the element serviced more often when riding in unusually wet or dusty areas.

⚠️ CAUTION
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
1. Before each ride, check for smooth throttle grip rotation from the fully open to the fully closed position at both full steering positions.
2. Measure the throttle grip free play at the throttle grip flange (per the illustration right).

Throttle free play:
0.08-0.24 in (2.0 - 6.0 mm)
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.

Whenever removing the carbon deposits, be sure to observe the color of the removed spark plug's porcelain tip. This color tells you whether or not the standard spark plug is suitable for your type of riding. Under normal usage, a spark plug's porcelain tip should be light brown or tan 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: CR8E (NGK)

⚠️ CAUTION

An improper spark plug may have an incorrect fit or heat range for your 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 could result.

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

Brake fluid

Brake fluid level inspection
With the scooter in an upright position, check the front and rear fluid level.

The level should be above the lower level mark. If the level is at or below the lower level mark "L", check the brake pads for wear.

- NOTE: Other checks - make sure there are no fluid leaks. Check for deterioration or cracks in the hoses and fittings.

⚠️ 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.

Brake fluid type:   DOT 4
MAINTENANCE

Brake inspection

Inspect the brake pad and shoe thickness to verify there is enough material for the brakes to function properly.

If the wear indicator grooves in the brake pads are no longer visible, it is an indication that the brake pads are worn and require replacement.

⚠️ WARNING

The brakes will wear quickly if the lever is continually applied during riding (dragging the brake). Consult your KYMCO dealer for braking system service.
Battery

Your KYMCO scooter is equipped with a maintenance-free (sealed) type 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.

Fuse

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.

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

Fuse Specification: 15A
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 Owner's Manual carefully.

Failure to perform a reasonable break-in of the tires could cause tire slip and loss of 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/cm²)
- Rear tire (rider only): 29.0 PSI (2.0 kg/cm²)
- Front tire (rider & passenger): 25.0 PSI (1.75 kg/cm²)
- Rear tire (rider & passenger): 32.0 PSI (2.25 kg/cm²)
EMISSION CONTROL

Crankcase Emission Control System
Your Movie 150 engine is equipped with a closed crankcase system. Blow-by gases are routed back into 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 Movie 150 scooter are controlled by engine design, factory-set fuel delivery, ignition settings, and exhaust system design. This system also includes a catalyzer in the exhaust system.

Noise Exhaust Emission Control System
The engine, intake and exhaust systems of your Movie 150 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 these noise level requirements.

Please do not modify or change any KYMCO-designed components that may alter the sound or emission level from your Movie 150 scooter.

KYMCO LIMITED WARRANTY
NOISE EMISSIONS
KYMCO USA Inc, 5 Stan Perkins Road, Spartanburg, SC29307, USA warrants that this vehicle was designed, manufactured and equipped so that when new, it would conform 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 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:
   a. Any KYMCO motorcycle or scooter engaged in competitive racing or related use.
   b. 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 640 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:
   a. 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.
   b. 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:
   a. 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, fuses, oils, coolants and tires.
   b. 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.
   c. Damage caused by collision, improper operation, or caused by loading beyond the vehicle’s rated load capacity.
   d. Damage caused by modifications made to the vehicle to increase performance.
   e. Damage caused by improper storage or transport, or towing or transportation expenses to move the vehicle to a KYMCO dealer for service or repair.
   f. 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.
   g. 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:
   a. 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.
   a. 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.
   b. 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.
### SPECIFICATIONS - **Movie 150**

**Dimensions**
- Overall length: 77 in (1920 mm)
- Overall width: 28 in (700 mm)
- Overall height: 45 in (1135 mm)
- Wheel base: 51 in (1284 mm)

**Capacities**
- Engine oil: 0.95 US qt (0.9 L)
- Transmission oil: 0.13 US qt (0.12 L)
- Fuel tank: 7.74 US qt (7.5 L)
- Net weight: 249 lbs (118 kg)

**Engine**
- Type: Four-stroke, air-cooled SOHC
- Displacement: 149 cm³ (8.94 cu. in)
- Bore and stroke: 2.36in X 2.18in (59 X 54.5 mm)
- Compression ratio: 11:1
- Max. Horsepower: 13.5ps/8500rpm
- Spark plug: CR8E
- Idle speed: 1800 RPM
- Cooling system: air-Cooled
- Starting system: Electric starter
- Transmission: Automatic CVT

**Chassis**
- Tire size, front: 110/70-12
- Tire size, rear: 130/70-12
- Brake(front): Disk type
- Brake(rear): Disk type

**Electrical**
- Ignition type: CDI
- Battery: 12v9Ah
- Headlight: 12v 35W/35W*2
- Tail/brake light: 12v LED
- Turn signal light: 12v 21W X 4
- Main Fuse: 15A