Battery & EFI Damage Alert

*WARNING*
To avoid damage from the vehicle’s electronic fuel injection system, do not remove or install a battery wire when the ignition switch is at the “ON” position.

**CELP indication:**
If brightness, it indicates that a fault has been detected in the vehicle’s EFI or electrical system. Requires immediate inspection by a KYMCO dealer.

---

Dangerous Alert

**CAUTION:**
◆ **POTENTIAL HAZARD**
Operating your UTV in areas with tall or loose vegetation.

◆ **WHAT CAN HAPPEN**
Combustible materials such as tall grass or reeds exposed to the exhaust system’s hot components could result in a fire.

◆ **HOW TO AVOID THIS HAZARD**
Clear away plant debris or other materials away from the exhaust system. Use care as the exhaust system can get very hot.
Dear KYMCO UXV 700 i Users:
Thank you for purchasing this KYMCO UXV 700i and welcome to the family of KYMCO UXV 700 i riders. To enjoy safety and more pleasant riding, become thoroughly familiar with this owner manual before you ride the UXV 700i.
You safety depends not only on your own alertness and familiarity with the UXV 700i but also the UXV mechanical condition.
A pre-ride inspection before every outing and regular maintenance are essential. The quality of each KYMCO UXV 700 i is guaranteed.

Note: 1. The information and specifications stated in this manual are for reference only and subject to change without notice.
2. When starting the engine, the battery must be installed to facilitate starting and increase the engine performance.
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th></th>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>A</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Auxiliary Outlet</td>
<td>32</td>
</tr>
<tr>
<td></td>
<td>Air Cleaner</td>
<td>64</td>
</tr>
<tr>
<td></td>
<td><strong>B</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Battery remove</td>
<td>67</td>
</tr>
<tr>
<td></td>
<td>Brake Fluid Inspection</td>
<td>63</td>
</tr>
<tr>
<td></td>
<td>Brake Pedal</td>
<td>40</td>
</tr>
<tr>
<td></td>
<td><strong>C</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cargo Bed</td>
<td>42-44</td>
</tr>
<tr>
<td></td>
<td>Crossing Water</td>
<td>53</td>
</tr>
<tr>
<td></td>
<td>Cooling System Inspection</td>
<td>69</td>
</tr>
<tr>
<td></td>
<td><strong>D</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Differential Lock Lever And Indicator</td>
<td>39</td>
</tr>
<tr>
<td></td>
<td>Daily Safety Checks</td>
<td>47</td>
</tr>
<tr>
<td></td>
<td>Driving Safety</td>
<td>48</td>
</tr>
<tr>
<td></td>
<td>Driving Downhill</td>
<td>51</td>
</tr>
<tr>
<td></td>
<td>Driving Uphill</td>
<td>52</td>
</tr>
<tr>
<td></td>
<td>Driving Reverse</td>
<td>54</td>
</tr>
<tr>
<td></td>
<td><strong>E</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Emission Control System</td>
<td>55-56</td>
</tr>
<tr>
<td></td>
<td>Engine Oil</td>
<td>57-59</td>
</tr>
<tr>
<td></td>
<td><strong>F</strong></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Fuel Lever Inspection/Refilling</td>
<td>23</td>
</tr>
<tr>
<td></td>
<td>Fuse Replacement</td>
<td>68</td>
</tr>
<tr>
<td></td>
<td>Fuel Cap Key</td>
<td>6</td>
</tr>
</tbody>
</table>
# TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
</tr>
</thead>
<tbody>
<tr>
<td>Auxiliary Outlet</td>
<td>Battery remove</td>
<td>Cargo Bed</td>
<td>Differential Lock Lever And Indicator</td>
</tr>
<tr>
<td>Air Cleaner</td>
<td>Brake Fluid Inspection</td>
<td></td>
<td>Daily Safety Checks</td>
</tr>
<tr>
<td></td>
<td>Brake Pedal</td>
<td>42-44</td>
<td>Driving Safety</td>
</tr>
<tr>
<td></td>
<td></td>
<td>40</td>
<td>Driving Downhill</td>
</tr>
<tr>
<td></td>
<td></td>
<td>60</td>
<td>Driving Uphill</td>
</tr>
<tr>
<td></td>
<td></td>
<td>61</td>
<td>Driving Reverse</td>
</tr>
<tr>
<td></td>
<td></td>
<td>63</td>
<td>Engine Oil</td>
</tr>
<tr>
<td></td>
<td></td>
<td>64</td>
<td>Emission Control System</td>
</tr>
<tr>
<td></td>
<td></td>
<td>65</td>
<td>Fuel Lever Inspection/Refilling</td>
</tr>
<tr>
<td></td>
<td></td>
<td>66</td>
<td>Fuse Replacement</td>
</tr>
<tr>
<td></td>
<td></td>
<td>67</td>
<td>Fuel Cap Key</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>E</th>
<th>F</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Cargo Bed</td>
<td>Fuel Lever Inspection/Refilling</td>
<td>23</td>
</tr>
<tr>
<td></td>
<td>Fuse Replacement</td>
<td>66</td>
</tr>
<tr>
<td></td>
<td>Fuel Cap Key</td>
<td>6</td>
</tr>
</tbody>
</table>
## TABLE OF CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>T</td>
<td></td>
</tr>
<tr>
<td>Throttle Pedal</td>
<td>40</td>
</tr>
<tr>
<td>Tool Kit</td>
<td>73</td>
</tr>
<tr>
<td>U</td>
<td></td>
</tr>
<tr>
<td>Under-Hood</td>
<td>45-46</td>
</tr>
<tr>
<td>W</td>
<td></td>
</tr>
<tr>
<td>2WD/4WD Switch</td>
<td>38</td>
</tr>
<tr>
<td>Warning Labels Location</td>
<td>11-13</td>
</tr>
<tr>
<td>Warning Labels</td>
<td>14-22</td>
</tr>
</tbody>
</table>
This vehicle can be dangerous to operate.
A impact or rollover can occur quickly. even during routine maneuvers such as turning and driving on hills or over obstacles, if you fail to take proper precautions.
For your safety, understand and follow all the warnings contained in this Owner’s Manual and labels on this vehicle.
Keep this Owner’s Manual with this vehicle at all times.

Failure to follow the warnings contained in this manual can result in serious injury or death.
Particularly important information is distinguished in this manual by the Following notations:

- **WARNING**
  Indicates a strong possibility that serious injury or death may Result if instructions are not followed.

- **CAUTION**
  Indicates a possibility that equipment or property damage could result if instructions are not followed.

- **Note:**
  Gives helpful information
This vehicle is not a toy and can be dangerous to operate.

- Always go slowly and be extra careful when operating on unfamiliar terrain. Always be alert to changing terrain conditions when operating this vehicle.

- Never operate on too rough, slippery, or loose terrain.

- Always follow proper procedures for turning as represent in this manual. Institution turning at slow speeds before attempting to turn at faster speeds. Do not turn at intemperate speed.

- Never operate on hills too steep for your abilities and cross the side of a hill. Practice on smaller hills before attempting larger hills.

- Always use proper procedures if you stall or roll backward when climbing a hill. To avoid maintain a steady speed when climbing a hill. IN case of you stall or roll return, follow the procedure for braking described in this manual.

- Operation of this vehicle is restricted to people 16 years of age and older who possess a valid operator’s license. Usually, no person under the age of 6 may ride as a passenger on this vehicle.
Safety Watchful

● **Always** read the owner’s manual carefully and follow the operating procedures described. Pay special attention to the warnings contained in the manual and on all labels.

● **Never** operate this vehicle with the canopy frame removed.

● **Always** wear the seat belt, helmet and eye protection when driving.

● **Never** operate this vehicle on a public road, even a dirt or gravel one, because you may not be able to avoid colliding with other vehicles.

● **Always** avoid paved surfaces. This vehicle isn’t designed to be used on paved surfaces and may seriously affect handling and control.

● **Always** follow this age prescription:
  Operation of this vehicle is restricted to people 16 years of age and older who possess a valid operator’s license. Usually, no person under the age of 6 may ride as a passenger on this vehicle.

● **Always** keep combustible materials away the exhaust system. Exposure to the hot components could result in a fire.
Serial Number Locations
This vehicle has 2 serial numbers: the frame number and Engine serial number.

The frame number is located on the frame near right front wheel place.

Frame Number
Serial Number Locations
The engine serial number is located on the right side of the engine crankcase.

Engine Serial Number
Ignition Switch Key/Fuel Cap Key
Right Glove Compartment Key

Four keys come with this vehicle. Keep the spare in the safe place.

Note: Some models with just one type of key for the whole vehicle.

Ignition Switch Key → 2PCS
Fuel Cap Key
Right Glove Compartment Key → 2PCS
Location Of Parts (1)

1. Right Head Pillow  2. Right Seat  3. Right Tail / Brake Light 
4. Left Head Pillow  5. Left Seat  6. Left Tail / Brake Light
Location Of Parts (2)

07. Seat Belts
08. Cargo Bed
09. Headlights
10. Battery
11. Steering Wheel
12. Cab Frame
13. Hands Bars
14. Bumper
15. Tool or Parts Box
(Under the operator's seat)
Location Of Parts (3)

16. Under-Hood
17. Hands Bars
18. Fuel Tank Cap
19. Muffler & Spark Arrester
20. Latch Handles
Location Of Parts (4)

24. Center Glove Compartment  25. Shifting The Automatic Transaxle
Warning Labels Location
Warning Labels Location
Warning Labels Location

10

12

9
Warning Labels

**WARNING**

Improper use can result in SEVERE INJURY or DEATH

Vehicle capacity: 1 operator and 1 passenger Passenger must be able to reach and hold the handgrip inside enclosure.

ALWAYS use an approved helmet and protective gear

Operators must be 16 years or older, have a valid driver's license and must be supervised by an adult.

Use proper driving techniques to avoid overruns on hills, rough terrain and in turns.

- Operate through water deeper than floorboard or fast flowing water.
- Operate too fast for your skills and the conditions.

Safety Labels

15511 LEED US2
Warning Labels

- **WARNING:** Improper use can result in SEVERE INJURY or DEATH.

Vehicle capacity: 1 operator and 1 passenger. Passenger must be able to reach and hold the handgrip for the entire ride.

- Accessories: Use an approved helmet and protective gear.
- **NEVER:** Use on public highways where a collision with cars or trucks can occur.
- **NEVER:** Use with drugs or alcohol.
- **NEVER:** Operate on hills greater than 10°.
- **Operator Under 16:** Operators must be 16 years or older, have a valid driver's license and must be supervised by an adult.
- Use proper driving techniques to avoid oversteering on slippery or rough terrain and in turns.

Do not drive through water deeper than the floorboard or fast flowing water. Adjust speed to suit your skills and the conditions.
Security labels

**WARNING**

- If you are running in SEVERE injury or death.

**AUX**

- use an approved helmet and protective gear.

**NEVER**

- Operate on public highways where a speed limit is required.
- Operate with drugs or alcohol.
- Operate hills greater than 15°.

**15° MAX**

- Never operate on hills greater than 15°.

**OPERATOR UNDER 16**

- Operators must be 16 years or older, have a valid driver's licence and minors must be supervised by an adult.
Warning Labels

Use proper driving techniques to avoid overturns on hills, rough terrain and in turns.

NEVER operate
- through water deeper than floorboard or fast flowing water.
- speeds too fast for your skills or the conditions.
Warning Labels

WARNING

IMPROPER TIRE PRESSURE OR OVER-LOADING CAN CAUSE LOSS OF
CONTROL AND RESULT IN SEVERE INJURY OR DEATH.
ALWAYS
- WEAR A SEAT BELT WHEN RIDING IN THIS VEHICLE.
- KEEP YOUR HANDS AND FEET INSIDE THE VEHICLE AND WATCH FOR
  BRANCHES, BRUSH, OR OTHER HAZARDS THAT COULD ENTER THE VEHICLE.
- ROLLOVER COULD CAUSE SEVERE INJURY OR DEATH.
  THE ROLL BAR AND SEAT BELT CANNOT PROTECT OCCUPANTS IN ALL
  ACCIDENTS, INCLUDING ROLLOVER.
- DRIVE STRAIGHT UP AND DOWN INCLINES - DRIVING ACROSS THE SIDE
  OF AN INCLINE INCREASES THE RISK OF OVERTURNS.
NEVER
  INCLUDES WEIGHT OF OPERATOR, PASSENGER, CARGO, ACCESSORIES,
  AND TRAILER TONGUE. MAXIMUM LOAD IN CARGO BED: 190 KG (418 LBS).
- WHEN LOADED - BACK DOWN A SLOPE AND APPLY BRAKES OR ACCELERATE
  UPHILL.
- LOADING/TRAILER TOWING
  CARGO OR TRAILER CAN AFFECT STABILITY AND HANDLING. WHEN
  LOADED WITH CARGO OR TOWING A TRAILER
  - REDUCE SPEED
  - ALLOW MORE ROOMS TO STOP
  - AVOID HILLS AND ROUGH TERRAIN
  - OPERATE IN LOW RANGE GEARS ONLY

LOCATE AND READ OPERATOR’S MANUAL.
FOLLOW ALL INSTRUCTIONS AND WARNINGS.

87517-LEE8-E00
Warning Labels

3

WARNING
FAILURE TO STOP VEHICLE COMPLETELY BEFORE ENGAGING REVERSE COULD RESULT IN YOUR BEING THROWN FROM THE VEHICLE.
TO ENGAGE REVERSE:
1. STOP VEHICLE COMPLETELY.
2. BRING ENGINE TO IDLE.
3. APPLY BRAKE.
4. SHIFT TRANSMISSION INTO REVERSE WHILE APPLYING BRAKE.
WHEN STOPPED:
PUT GEAR SELECTOR IN NEUTRAL AND APPLY PARK BRAKE BEFORE LEAVING THE VEHICLE. READ OPERATORS MANUAL LOCATED UNDER THE PASSENGER SEAT FOR ADDITIONAL INFORMATION. WRITE TO KYMCO FOR FREE REPAIR IF MISSING.
87512-LEE8-E00

4 9

WARNING
VEHICLE ROLLOVER COULD CAUSE SEVERE INJURY OR DEATH.
THIS STRUCTURE IS NOT A CERTIFIED ROLLOVER PROTECTIVE STRUCTURE (ROPS) AND WILL NOT PROTECT OCCUPANTS IN ACCIDENTS AND ROLLOVERS.
87321-LEE8-E00

5 10

WARNING
- KEEP HANDS, BODY AND OTHER PERSONS AWAY FROM CLOSING CARGO BOX.
- DO NOT OPERATE THE VEHICLE WITH CARGO BOX UP.
87033-LEE8-E00
WARNING

- IMPROPER TIRE PRESSURE OR OVERLOADING CAN CAUSE LOSS OF CONTROL.
- LOSS OF CONTROL CAN RESULT IN SEVERE INJURY OR DEATH.
- OPERATING TIRE PRESSURE: SET WITH TIRES COLD.
  RECOMMENDED: FRONT: 70 kPa, (0.70 kgf/cm²), 10 psi
  REAR: 98 kPa, (0.98 kgf/cm²), 14 psi
  MINIMUM: FRONT: 63 kPa, (0.63 kgf/cm²), 9 psi
  REAR: 91 kPa, (0.91 kgf/cm²), 13 psi
- NEVER SET TIRE PRESSURE BELOW MINIMUM.
- TIRE MAY DISLODGE FROM RIM.
- GROSS VEHICLE WEIGHT RATING: 910 KG (2006 LBS)
- MAXIMUM INCLUDING WEIGHT OF OPERATOR, PASSENGER, ACCESSORIES, CARGO, AND (IF APPLICABLE) TRAILER TONGUE WEIGHT.
Warning Labels

7

WARNING
SEVERE INJURY OR DEATH CAN RESULT IF YOU IGNORE FOLLOWING:
- MAXIMUM LOAD IN CARGO BED: 190 KG (420 LBS).
- BE SURE CARGO IS SECURED. A LOOSE LOAD COULD SHIFT AND CHANGE HANDLING UNEXPECTEDLY.
- KEEP WEIGHT IN THE CARGO BED CENTERED, LOW AND FORWARD, TOP-HEAVY LOAD INCREASES THE RISK OF OVERTURNS.
- NEVER CARRY PASSENGERS IN CARGO BED.

13

WARNING
Do not sit on or use tail gate as a step.
Warning Labels

**WARNING**

EXCEEDING VEHICLE'S TOWING LIMIT COULD CAUSE AN ACCIDENT.

REDUCE SPEED WHEN TOWING A TRAILER.

DO NOT TOW IN REVERSE OVER 5 mph.

HIGH SPEED WILL RESULT IN LOSS OF CONTROL.

READ OWNER'S MANUAL FOR DETAILS.

- **MAXIMUM TONGUE WEIGHT:** 50 KG (110 LBS).
- **MAXIMUM TOWING CAPACITY:** 550 KG (1212 LBS).

---

**VEHICLE EMISSION CONTROL INFORMATION**

ENGINE DISPLACEMENT: 405 cc

ENGINE LUBRICANT: API SF/CC

FUEL EMISSIONS: USE UNLEADED ONLY

EXHAUST EMISSIONS: MEets EURO II STANDARD

SPARK PLUG: NGK CR7HSA

OIL: 10W-30 (SAE 10W-30)

MANUFACTURER: KYMCO USA INC.

SPARTANBURG, SC 29307 USA
Features And Controls

Fuel Lever Inspection/Refilling
Check if fuel is sufficient.
If the fuel gauge pointer is E (flash), refill nonleaded gasoline as soon as possible.
(Refilling Method)
1. Turn the tank cap counterclockwise with hand to open the cap.
2. Use only nonleaded gasoline.
3. Turn the fuel tank cap clockwise to tighten it.
4. Close the fuel tank cap in the reverse order of opening.

⚠️ CAUTION

Be sure to stop the engine before refilling. The gasoline level shall not exceed the reference plate; otherwise the fuel will penetrate out.
Features And Controls

Indicator Lights

The indicator lights on the console display:
Features And Controls

Instruments and Indicators
Features And Controls

Operation Instruction for Multi-meter

Button A (MODE)  Button B (SET)
Features And Controls

Operation Instruction for Multi-meter

Press and hold button A until 2 seconds over.
Shift the unit mph or km/h
Features And Controls

Operation Instruction for Multi-meter

Press and hold button B until 2 seconds over.
Shift function to ODO or TRIP
Features And Controls

Operation Instruction for Multi-meter

Press and hold button A and B until 2 seconds over. Simultaneously to reset to zero when at TRIP function.
Features And Controls

Operation Instruction for Multi-meter

Press and hold button A and B until 5 seconds over. When at ODO function then you can see clock position is flash word.

Button A (MODE)  Button B (SET)
Features And Controls

Operation Instruction for Multi-meter

When you seeing clock position is flash word. You can start setting hour item. Press button B adjust correct hours then Press button A you can see minute position is flash. adjust correct minute. Waiting for 2 second. finish times setting.

Button A (MODE)  Button B (SET)
Features And Controls

Auxiliary Outlet
The 12-volt receptacle has spade connections on the back that may be used to power an auxiliary light or other optional accessories or lights. The connections are behind the console, under the hood.
Features And Controls

Seat Removal
• Pull up on front of seat it toward the front of vehicle.
• Install the seat by sliding the tabs into the rear of the seat base.
• Push down firmly on the front of the pins are fully seated into the grommets.

Seat Belts
Your UXV700i is equipped with lap-shoulder seat belts for the operator and passenger. The seat belts are similar to the type fitted to most automobiles and should be used by the driver and passenger each time the UTV is driven,
Features And Controls

Pillows adjust
If you want to adjusting your pillows.
Remove the three bolts and adjusting you need pillow position.
Tighten three bolts.
Features And Controls
Gear Selector
1. Lower Gear
2. High Gear
3. Neutral Gear
4. Reverse Gear
5. Parking Gear

To change gears, stop the vehicle and with the engine idling, move the lever to the desired gear. Do not attempt to shift gears with engine speed above idle or while the vehicle is moving. Always place the transmission in gear with the parking brake locked whenever the vehicle is left unattended.

Maintaining shift linkage adjustment is important to assure proper transmission function. See your dealer if you experience any shifting problems.
Features And Controls

Switches
Ignition Switch
The ignition switch is a three-position, key-operated switch. The key can be removed from the switch when it is in the OFF position.

ON:    Electrical circuits are on
       Electrical equipment can be used.
OFF:   Engine off. All electrical circuits are off except Acc. 12V
START: Electrical starter is engaged by holding ignition switch key in this position. Upon release, the key will return to the ON position.
Features And Controls

Switches

Light Switch
- The ignition switch key must be in the ON position to operate the headlights.
- The switch has 4 positions.

1: Light off - At this position, light is turn off.

2: Position light - At this position, light is turn off

3: LO Headlight Beam - When you select this position, low beam will illuminate.

4: Hi Headlight Beam - When you select this position, high beam will illuminate. High beam indicator light will turn on.
Features And Controls

Switches

Drive Select Switch
The 2WD/4WD allows the operator to operate the vehicle in either two-wheel drive (rear wheel) or four wheel drive (all wheels). For normal riding on flat, dry, hard surfaces, two-wheels drive should be sufficient. In situations when additional traction is necessary, four-wheel drive would be the desired choice. To either engage or disengage the front wheels push and turn the switch to the 4WD position or the 2WD position.

Drive Select Indicator
Displays 4WD when selected by the 4WD drive selector switch.
Features And Controls

Differential Lock lever and indicator
The vehicle is equipped with a lockable differential that allows the operator to choose between an open differential or a closed differential in low traction situations.
To lock the differential push and turn the switch to the 4WD lock position.

⚠️ WARNING
NEVER EXCEED 16 MPH (26 KPH) WHEN DIFFERENTIAL IS LOCKED. LOSS OF CONTROL AND SEVERE INJURY OR DEATH MAY RESULT AT HIGH SPEEDS WHEN DIFFERENTIAL IS LOCKED.

⚠️ AVERTISSEMENT
NE JAMAIS DÉPASSER 16 KM/H LORSQUE LE DIFFÉRENTIEL AVANT EST VERROUILLE. RISQUE DE PERTE DE CONTROLE ET DE BLESSURES GRAVES EU DE MORT EN CAS DE NON RESPECT.
Features And Controls

Brake Pedal(1)
Depress the brake pedal to slow or stop or stop the vehicle.

Throttle Pedal(2)
Push the pedal down to increase engine speed. Spring pressure returns the pedal to the rest position when released. Always check that the throttle pedal returns normally before starting the engine. Make sure there’s adequate throttle pedal free play.
Features And Controls

Parking Brake Release(3)
To release the parking brake, pull the release handle. Spring pressure helps return the lever to the released position. Make sure the parking brake lever is functioning properly before each operation.
Features And Controls

Cargo Bed (Lift and lower the cargo bed)

To lift
Push the cargo bed release lever to right side, then slowly lift up cargo bed until it stop.

To lower
Lower the cargo bed slowly to its original position and be sure the it is locked into place.

Maximum load in cargo bed: 190 kg
Features And Controls
Cargo Bed (Open and close the tailgate 1)

To open---(1)
Unlock the latches, and then lower the tailgate.
Features And Controls
Cargo Bed(Open and close the tailgate 2)

**To close**
Place the tailgate in the original position, and then hook the latches.

**WARNING**
Do not sit on or use tail gate as a step.

**WARNING**
Never drive your UTV with the tailgate open or the cargo bed in the tilted position. This could cause instability which could lead to a tip over or an accident.

Tilting the cargo bed exposes the exhaust system. Always keep combustible materials away the exhaust system. Exposure to the exhaust system’s hot components could result in a fire.
Features And Controls

Under-Hood (To Open)
Unhook the hood latches and 3 and then slowly tilt the hood up until it stops.
Features And Controls

Under-Hood (To Close)
Lower the hood slowly to its original position and then hook the hood latches.
How to operate

Daily Safety Checks

Check the following items each day before operation.

1. **Fuel**
   - Enough fuel in tank, no leaks.

2. **Engine Oil**
   - Oil lever between lever holes (when engine is cold), no leaks.

3. **Tires**
   - Air pressure (when cold) and check tires cracks, damage or abnormal wear. Check for any imbedded stones or other foreign particles in tread.

4. **Front wheel Air pressure**: 0.7kgf/cm²; 10psi
5. **Rear wheel Air pressure**: 0.98kgf/cm²; 14psi

6. **Headlight & other indicate light**
   - Check the operate is normal.

7. **Brake/Brake oil lever**
   - Check the operate and oil lever is normal.

8. **Coolant**
   - Coolant lever between lever lines (when engine is cold), no leaks.

9. **Front gear case & Rear gear case**
   - No oil leaks.

10. **EFI system**
    - Check Engine lamp is not illuminated.
How to operate
Driving Safely (Driving procedures)

1. Sit in the driver's seat and fasten the seat belt.
2. Wear the helmet and eye protection when driving.
3. After starting the engine and allowing it to warm up, shift the transmission into gear.
4. Check your surroundings and determine your path of travel.
5. Release the parking brake.
6. Keeping both hands on the steering wheel, slowly depress the throttle with your right foot and begin driving. Vehicle speed is controlled by the amount of throttle opening & transmission shifting is automatic.
7. Drive slowly. Practice maneuvering and using the throttle and brakes on level surfaces.
How to operate
Start the Engine

<table>
<thead>
<tr>
<th>WARNING</th>
</tr>
</thead>
<tbody>
<tr>
<td>Never run the vehicle in a closed area, such as a garage. Exhaust gases contain carbon monoxide, a colorless, odorless, poisonous gas. Breathing exhaust gas leads to carbon monoxide poisoning, asphyxiation, and death.</td>
</tr>
</tbody>
</table>

1. Wear the seat belts, helmets and eye protections.(both operator and passenger)

2. Set the parking brake.

3. Put the gear shift lever in the "N(neutral) position.

4. Turn the ignition switch clockwise to the START position; then when the engine starts, release to the RUN position foot on the brake.
How to operate
Start the Engine

<table>
<thead>
<tr>
<th>CAUTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Do not run the starting attempt. The starter motor may overheat causing severe starter motor damage. Allow 15 seconds between starting attempts to allow the starter motor to cool.</td>
</tr>
</tbody>
</table>

Braking/Stopping
Always allow plenty of room and time to stop smoothly. Sometimes quick stops are inevitable so always be prepared. Whether you’re stopping quickly do this:
1. Release the accelerator; then press the foot brake pedal to apply the brake.

2. If the wheels lock, release them for a second; then apply them again. On surfaces such as ice, mud, or loose gravel, pump the brake pedal rapidly.

3. Never ride the brake. Even maintaining minimal pressure on the brake pedal will cause the brake pads to drag on the disc and may overheat the brake fluid.
How to operate

Parking
Parking involves following the previous rules for braking; then:
1. After the vehicle stops, shift into neutral gear.
2. Set the parking brake.
3. Turn off the ignition key.
4. If you have to park on the hill, shift to low range, set the parking brake, and block the wheel on the downhill side.

Driving Downhill
Always drive straight down the hill and always avoid hills steeper than 15°.
1. Keep both hands on the wheel.
2. Prior to descending the hill, shift into range and release the accelerator to allow maximum engine brake. Do not use 4 wheel drive when descending a hill. Engine braking can cause the front wheels to slide reducing steering control.
How to operate
Driving Uphill

whenever travel straight uphill, follow these precautions:
1. Always travel straight uphill.
2. Avoid steep hills (15° maximum)
3. Keep both feet on the floor.
4. Proceed at a steady rate of speed and throttle opening.

NEVER OPERATE UP OR DOWN HILLS STEEPER THAN 15°
How to operate

Crossing Water

UXV700i can only operate in water up to its floorboard. Stay away from fast moving rivers. This vehicle’s tires can be buoyant. In deep water, the vehicle may lose traction due to floating.

1. Physically check the depth and current of the water, especially if you cannot see the bottom. Also, check for boulders, logs, or any other hidden obstacles.
2. Keep speed slow while maintaining momentum.
3. Make sure you have a way out on the other side of the water.
4. Once you have cleared the water, briefly apply the brakes to make sure they work.
How to operate

Driving in Reverse
Follow these guidelines when operating in reverse:
1. Back slowly.
2. Apply the brakes lightly for stopping.
3. Avoid turning at sharp angles.
4. Always avoid backing downhill.
5. Never open the throttle suddenly while backing.
6. Always inspect left and right fields of vision before backing.
Emission Control System
Crankcase Emission Control System
This engine is equipped with a closed crankcase system. Blow-by gases forced back to the combustion chamber by the intake system. The system does not allow the blow-by gases to enter the atmosphere.

Exhaust Emission Control System
The emissions from the exhaust of this vehicle are controlled by engine design, including factory-set fuel delivery and ignition. KYMCO Exhaust Emission Control System including catalytic converter system. Please do not change any kymco design.

Noise Exhaust Emission Control System
Do not modify the engine, intake or exhaust components, as doing so may affect compliance with state and local noise level requirements.
Emission Control System
Spark Arrester
Your UXV 700i has a spark arrester. The spark arrester be installed and functional when the vehicle operated on public lands.

Remove method
remove 3 bolts

Clean method
Use the iron brush cleaning carbon on the spark arrester
Maintenance And Lubrication
Engine Oil

Always check and change the oil at the OWNER MANUAL standard intervals. The oil tank is located under the seat.
1. Position the vehicle on the surface.
2. Start the engine and let it idle for 20~30 seconds.
3. Stop the engine and remove the seat.
4. Add fresh oil into the oil tank.

Make sure the engine oil at the specified level. Add oil as necessary. Check for leaks.

Oil quantity:
- Engine oil: 2.4 L (2.11 Imp qt, 2.54 US qt)
- Total amount: 2.9 L (2.55 Imp qt, 3.07 US qt)

Recommended engine oil classification: API Service SJ type or higher
Maintenance And Lubrication

Engine Oil
1. Engine oil level measurement
A. Place the machine on a level place.
B. Warm up the engine for several minutes and stop it.
C. Check the oil level through the inspection window.
D. The oil level should be between the maximum (H) and minimum (L) marks.
If the level is low, add oil to raise it to the proper level.

NOTE: Wait a few minutes until the oil level settles before checking.
Maintenance And Lubrication

Engine oil replacement and oil filter cleaning
1. Place the machine on a level place.
2. Warm up the engine for several minutes and stop it.
3. Place a container under the engine.
4. Remove the oil fill cap (1) and oil drain bolt (2) to drain the oil.

**CAUTION:**
Be sure no foreign material enters the crankcase.

**CAUTION:**
When removing the oil filter cap, the compression spring, oil strainer and O-ring will fall out. Take care not to lose these parts.
Maintenance And Lubrication

NOTE:
Skip steps E to I if the oil filter cartridge is not being replaced.

Remove the oil filter cartridge with an oil cartridge wrench.
Maintenance And Lubrication

Changing the rear gear box oil
1. Place the vehicle on the a level surface.
2. Place a container under the rear gear box to collect the used oil.
3. Remove the rear gear box oil drain bolt(1) and rear gear box oil filler cap (2).
4. Install the rear gear box oil drain bolt(1) and then tighten it to the specified torque.
5. Fill the rear gear box oil with recommended oil.
6. Install the rear gear box oil filler cap(2) and then tighten it to the specified torque.

Tightening torque
Drain bolt : 20 N-m (2 kgf-m)
Oil filler cap : 14.7 N-m (1.5 kgf-m)

Recommended oil : SAE 80
Oil quantity :
Periodic oil change 0.23L
Maintenance And Lubrication

Changing the front gear box oil
1. Place the vehicle on the a level surface.
2. Place a container under the front gear box to collect the used oil.
3. Remove the front gear box oil drain bolt(1) and front gear box oil filler bolt (2).
4. Install the front gear box oil drain bolt(1) and then tighten it to the specified torque.
5. Fill the front gear box oil with recommended oil.
6. Install the front gear box oil filler bolt(2) and then tighten it to the specified torque.

Tightening torque
- Drain bolt : 32 N-m (3.2 kgf-m)
- Oil filler bolt : 35 N-m (3.5 kgf-m)

Recommended oil : SAE 80

Oil quantity :
- Periodic oil change
  0.25L
Maintenance And Lubrication

BRAKE FLUID INSPECTION
Check if the fluid level is below the lower level mark through the inspection window.

⚠️ WARNING

POTENTIAL HAZARD
Brake fluid contacting the skin or eyes.

WHAT CAN HAPPEN
May cause irritation.

HOW TO AVOID THE HAZARD
Avoid contacting brake fluid with the skin or eyes. In case of contact, flush thoroughly with water and call a doctor if your eyes were exposed.

(1) Lower level mark
(2) Upper level mark
Maintenance And Lubrication
Air Cleaner
Remove the center cover fasteners.
Remove gear selector screw and center cover.
Maintenance And Lubrication

Air Cleaner
Remove air cleaner cover.
Remove air filter element.
Maintenance And Lubrication

Air Cleaner

Using high pressure air to clean air filter element. Inspect the air filter element and replace it if damaged.
Maintenance And Lubrication

Battery Remove
1. Make sure the ignition switch is OFF.
2. Remove the under-hood hook & bolts.
3. Remove the battery cover screws.
4. Disconnect the negative (⁻) terminal lead (1) from the battery first, then disconnect the positive (⁺) terminal lead (2).
5. Remove the battery.

Battery installation
1. Install in the reverse order of removal.
2. After installing the battery, check to see if the battery cables are routed correctly.

NOTE: First connect the positive (⁺) cable and then negative (⁻) cable to avoid short circuit.
Fuse Replacement
The fuse box stored in the battery compartment.
To replace a fuse:
1. Make sure the ignition switch is OFF.
2. Remove the under-hood hook& pu bolts.
3. Open the fuse box cap.
4. Pull the old fuse out of the fuse holder.
5. Push the new fuse in to the fuse holder.
6. Close the fuse box cap and install seat.

CAUTION: To prevent accidental short-circuiting, turn off the main switch when checking or replacing a fuse.
Maintenance And Lubrication

Cooling System Inspection
1. Remove the under-hood hook & pu bolts.
2. Check the coolant level in the coolant reservoir when the engine is cold as the coolant level will vary with engine temperature. The coolant level should be between the maximum and minimum marks.
3. If the level is low, remove the coolant reservoir cap, and then add coolant or distilled water to raise it to the specified level.

Recommended Coolant Solution
Coolant Mixture Ratio:
Water 50%: Antifreeze 50%(1:1)

NOTE:
A permanent type of antifreeze is installed in the cooling system when shipped. It is colored green and contains ethylene glycol. It is mixed at 50% with water and has a freezing point of -35 °C (-31 °F)
Maintenance And Lubrication

Wheel Removal
1. Elevate the wheel by placing a suitable stand under the frame.
2. Remove the nuts from the wheel.
3. Remove the wheel assembly.

Wheel Installation
When reinstalling a wheel, tighten the wheel nuts in a crisscross (rather than a circular) pattern.

Be sure the tapered side of the wheel nuts (1) face the wheel rim (2).

Wheel nut torque:
Front: 61 N-m (6.1 kgf-m, 44 lbf-ft)
Rear: 61 N-m (6.1 kgf-m, 44 lbf-ft)

Be sure the tapered side of the wheel nuts (1) face the wheel rim (2).
Maintenance And Lubrication

**NOTE:**
The arrow mark on the tire must point toward the rotating direction of the wheel.

**WARNING**
POTENTIAL HAZARD
Installing wheels improperly.

WHAT CAN HAPPEN
A wheel may come loose, possibly leading to an accident.

HOW TO AVOID THE HAZARD
Carefully follow the instructions in this Owner's Manual when installing.

(1) Arrow mark
Maintenance And Lubrication

Spark Plug Inspection
The spark plug is an important engine component and is easy to inspect. The condition of the spark plug can indicate the condition of the engine. For example, a very white center electrode porcelain color could indicate an intake air leak or carburetor problem for that cylinder. Do not attempt to diagnose such problems yourself. Instead, take the machine to a KYMCO dealer. You should periodically remove and inspect the spark plug because heat and deposits will cause the spark plug to slowly break down and erode. If electrode erosion becomes excessive, you should replace the spark plug with one of the proper type.

Standard spark plug (NGK): CR7E

Before installing the spark plug, measure the electrode gap with a feeler gauge and adjust to specification.

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

(A) Spark plug gap
Maintenance And Lubrication

Tool Kit
The tool kit put down location at Right Glove Compartment.
The tool kit includes the following items:
(1) Hexagon wrench
(2) Spark plug wrench
(3) 8/12; 10/14; 17/19 mm wrench
(4) Screwdriver
(5) Screwdriver handle
(6) Tool bag
(7) Air pressure gauge
### Specifications

**MODEL** UXV700 i (OFF ROAD)

**DIMENSIONS:**
- **OVERALL LENGTH:** 113 in (2870 mm)
- **OVERALL WIDTH:** 59.06 in (1500 mm)
- **OVERALL HEIGHT:** 72.84 in (1850 mm)
- **SEAT HEIGHT:** 31.69 in (805 mm)
- **WHEELBASE:** 75.20 in (1910 mm)
- **GROUND CLEARANCE:** 12.21 in (310 mm)
- **MINIMUM TURNING RADIUS:** 181.10 in (4600 mm)

**BASIC WEIGHT:**
- **WITH OIL AND FULL FUEL TANK:** 650kg
- **MAX. CARGO BED LOAD:** 190kg
- **DRY WEIGHT:** 540kg
- **MAX. WEIGHT CAPACITY:** 350kg

**ENGINE:**
- **ENGINE TYPE:** 4-STROKE, SOHC
- **CYLINDER ARRANGEMENT:** SINGLE CYLINDER
- **BORE x STROKE:** 4.02 x 3.35 in (102 x 85 mm)
- **ACTUAL DISPLACEMENT:** 695 cc
- **COMPRESSION RATIO:** 10.5:1
- **STARTING SYSTEM:** ELECTRIC STARTER
- **LUBRICATION SYSTEM:** WET SUMP
Specifications

MODEL UXV700 i (OFF ROAD)
ENGINE GEAR BOX:
CAPACITY/EXCHANGE/TYPE 2.9L/2.4L/5W-30
FRONT GEAR BOX:
CAPACITY/EXCHANGE/TYPE 270ML/250ML/SAE80#
REAR GEAR BOX
CAPACITY/EXCHANGE/TYPE 250ML/230ML/SAE80#
AIR FILTER:
FUEL:
TYPE UNLEADED GASOLINE
FUEL TANK CAPACITY 8.32 gal (32 L)
THROTTLE BODY:
TYPE/MANUFACTURER PTA1/KYMCO
SPARK PLUG:
TYPE/MANUFACTURER CR7E-NGK
SPARK PLUG 0.6~0.7mm
CLUTH TYPE: WET CENTRIFUGAL AUTOMATIC

75
# Specifications

**MODEL**
UXV700 i (OFF ROAD)

**TRANSMISSION:**
- PRIMARY REDUCTION SYSTEM: V-BELT
- SECONDARY REDUCTION SYSTEM: SHAFT DRIVE
- TRANSMISSION TYPE: CVT

**TIRE:**
- TYPE: TUBELESS
- SIZE (FRONT): 25x 8-12, 26X9-14
- SIZE (REAR): 25x10-12, 26X11-14
- WHEEL MATERIAL: STEEL or aluminum
- PRESSURE FR/RR: 0.7/0.98 (kgf/cm²) OR 10/14 psi

**BRAKES:**
- SYSTEM: FRONT AND REAR UNIFIED
- TYPE (FRONT): DUAL DISC BRAKE
- TYPE (REAR): SINGLE DISC BRAKE
- OPERATION: FOOT OPERATION

**SUSPENSION:**
- FRONT SUSPENSION: DOUBLE A-ARM
- REAR SUSPENSION: DOUBLE A-ARM
- SHOCK ABSORBER: COIL SPRING/OIL DAMPER
# Specifications

**MODEL**
UXV700 i (OFF ROAD)

**WHEEL TRAVEL:**
- **FRONT WHEEL TRAVEL**: 190mm
- **REAR WHEEL TRAVEL**: 190mm

**ELETRICAL:**
- **IGNITION SYSTEM**: DC, ECU AUTOMATIC CONTROL
- **GENERATOR SYSTEM**: A.C. MAGNETO
- **BATTERY TYPE**: MF-VTX20L
- **BATTERY CAPACITY**: 12V18AH

**HAEDLIGHT TYPE:**
- **BULB VOLTAGE**
  - **HAEDLIGHT**: 12V35/35W*2
  - **REAR LIGHT**: 12V21/5W*2
  - **BRAKE LIGHT**: 12V21/5W*2
  - **POSITION LIGHT**: 12V21/5W*2

* *2* indicates quantity.
# Specifications

<table>
<thead>
<tr>
<th>SPECIFIED FUSES:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>MODEL</td>
<td>UXV700 i (OFF ROAD)</td>
</tr>
<tr>
<td>MAIN FUSE</td>
<td>30A</td>
</tr>
<tr>
<td>FAN MOTOR</td>
<td>10A</td>
</tr>
<tr>
<td>IGNITION</td>
<td>15A</td>
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<tr>
<td>LIGHT</td>
<td>15A</td>
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<td>DC12VPOWER</td>
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<tr>
<td>FUEL</td>
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<tr>
<td>SPARE</td>
<td>15A</td>
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<tr>
<td>ITEM</td>
<td>ROUTINE</td>
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<tr>
<td>-------------------------------------------</td>
<td>----------------------------------------------</td>
</tr>
<tr>
<td><strong>Engine oil</strong></td>
<td>• Replace (Warm engine before draining).</td>
</tr>
<tr>
<td><strong>Oil strainer</strong></td>
<td>• Clean.</td>
</tr>
<tr>
<td><strong>Engine oil filter cartridge</strong></td>
<td>• Replace if necessary.</td>
</tr>
<tr>
<td><strong>Final gear oil</strong></td>
<td>• Check oil level/oil leakage</td>
</tr>
<tr>
<td><strong>Differential gear oil</strong></td>
<td>• Replace every 12 months.</td>
</tr>
<tr>
<td><strong>Air filter element</strong></td>
<td>• Clean. (More often in wet or dusty areas.)</td>
</tr>
<tr>
<td><strong>Throttle body</strong></td>
<td>• Check idle speed/starter operation.</td>
</tr>
<tr>
<td><strong>Cylinder head cover breather system</strong></td>
<td>• Check breather hose for cracks or damage.</td>
</tr>
<tr>
<td><strong>Spark plug</strong></td>
<td>• Check condition.</td>
</tr>
<tr>
<td><strong>Fuel line</strong></td>
<td>• Check fuel hose for cracks or damage.</td>
</tr>
<tr>
<td><strong>Valves</strong></td>
<td>• Check valve clearance.</td>
</tr>
</tbody>
</table>

*(Cont’d)*
<table>
<thead>
<tr>
<th>ITEM</th>
<th>INITIAL</th>
<th>EVERY</th>
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<tr>
<td>*V-belt</td>
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<tr>
<td>*Exhaust system</td>
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<tr>
<td>Spark arrester</td>
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<tr>
<td>*Wheels</td>
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<tr>
<td>*Wheel bearings</td>
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<tr>
<td>*Steering system</td>
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<td>*Drive shaft boots</td>
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<td>*Suspension</td>
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(Cont'd)
<table>
<thead>
<tr>
<th>ITEM</th>
<th>WHICHEVER COMES FIRST</th>
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<tr>
<td>*Knuckle shafts/</td>
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<td>*Fittings and Fasteners</td>
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</table>

- Lubricate every 6 months.
- Check all chassis fittings and fasteners.
- Correct if necessary.

*: It is recommended that these items be serviced by a KYMCO dealer.
**: Lithium soap base grease.
Maintenance Record
Maintenance Record