Do not remove this Owner’s Manual from the vehicle. Read this manual carefully before operating the vehicle as it contains important safety information.
Your Side-by-Side vehicle can be hazardous to operate.

A collision or a rollover can happen 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 of the warnings contained in this Owner’s Manual and the labels applied to your vehicle. Keep this Owner’s Manual with your vehicle at all times.

FAILURE TO FOLLOW THE WARNINGS CONTAINED IN THIS MANUAL CAN RESULT IN SERIOUS INJURY OR DEATH.

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 operator, a passenger, a bystander, or a person inspecting or repairing the vehicle.

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

The NOTE symbol indicates key information about a procedure or to clarify an operation.

- Carefully read the SAFETY PRECAUTIONS before operating your UXV500iG as a vehicle. See pages 2 - 49 for safety information related to vehicle operation.
- Carefully read the SAFETY PRECAUTIONS before activating and using the generator functions of your UXV500iG. See pages 50 - 56 for safety information related to the on-board generator system.
- There are specific safety-related alerts within this manual. You and anyone else who will use this UTV or operate its generator must become familiar with these precautions. Read the entire manual before using the vehicle or any of its features.

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.
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(inside of back-cover)
Congratulations and thank you for purchasing your KYMCO UXV500iG. This Side-by-Side off-road vehicle (also known as a “UTV”) is built with American engineering and manufacturing knowledge. It was especially designed to provide you a superior ride and great comfort, with strong utility capabilities - which includes an on-board electrical generator system. This combination provides you a variety of travel and work solutions. Before using the vehicle, review this entire manual carefully. If you have any additional questions, please consult your KYMCO dealer.

**SECTION 1 - SAFETY INTRODUCTION**

- Carefully read the VEHICLE SAFETY PRECAUTIONS before operating UXV500iG as a vehicle. See pages 2 - 49 for safety information related to vehicle operation.
- Carefully read the GENERATOR SAFETY PRECAUTIONS before activating and using the generator functions of your UXV500iG. See pages 50 - 56 for safety information related to generator operation.
- There are specific alerts within this manual. You, and anyone else who will use the UTV or operate its generator, must become familiar with these types of precautions:

  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 operator, a passenger, a bystander, or another person inspecting or repairing the vehicle.

  A CAUTION symbol indicates that instructions must be followed and special precautions must be taken to avoid damaging the vehicle or other property.

  The NOTE symbol indicates key information about a procedure or to clarify an operation.
INDICATES A POTENTIAL HAZARD THAT COULD RESULT IN SERIOUS INJURY OR DEATH.

You have chosen a unique vehicle, in that it is a quality UTV equipped with a compact, on-board generator. This combination provides you a variety of travel and work solutions. Because of the special nature of this vehicle, please carefully review your UXV500iG’s Owner’s Manual so you can easily and safely use it as a vehicle, and safely use its generator functions.

This Owner’s Manual was also produced to ensure that you become aware of safe off-road vehicle operating procedures. Furthermore, it includes information about the general care and maintenance of your UXV500iG and its on-board generator system.

Carefully read this manual. If you have any questions regarding your UXV500iG, contact an authorized KYMCO dealer for assistance. Remember, only authorized KYMCO dealers have the knowledge and resources to provide you with the best service possible.

PROTECT YOUR SPORT

Being able to use and enjoy your KYMCO Side-by-Side vehicle requires you and your family to operate it in a responsible manner. Before riding your UXV500iG you should:

- Learn and adhere to all local and state off-road riding laws
- Respect your vehicle and its capabilities and limitations
- Respect the environment and the rights of others

We also advise you to strictly follow the recommended maintenance program for your UXV500iG as outlined in this manual. This preventative maintenance program was designed to ensure that all of the critical components of your vehicle are thoroughly inspected at various intervals.

The information in this manual is based on the latest product data and specifications available at the time of printing. KYMCO Inc. reserves the right to make product changes and improvements which may affect illustrations or explanations without notice.
This Side-by-Side vehicle (UTV) handles differently from other vehicles, including motorcycles, ATVs and automobiles. A collision or rollover can occur quickly, even during routine maneuvers such as turning and driving on hills and over obstacles, if you fail to take proper precautions.

Read this Owner's Manual carefully and follow the operational procedures within. Pay special attention to the warnings in this manual as applied to your vehicle.

Always ride slowly and be extra careful when operating your UXV500iG on unfamiliar terrain. Be alert for changing conditions and terrain when operating your vehicle.

Never operate your UXV500iG on excessively rough, slippery, or loose terrain.

Always follow proper procedures for turning as described in this manual. Practice turning at slow speeds before attempting to turn at faster speeds. Do not turn at an excessive speed.

Always have your UXV500iG inspected by an authorized KYMCO ATV dealer if it has been involved in an accident.

Never operate your UXV500iG on hills that are too steep for the vehicle or for your abilities. Practice on smaller hills before attempting larger hills.

Never operate this vehicle on a public road, even a dirt or gravel road, as you may not be able to avoid a collision with another vehicle.

Avoid paved surfaces with your UXV500iG. This vehicle is not designed to be driven on paved surfaces, as its handling and control will be seriously affected.

Always follow proper procedures for climbing hills as described in this manual. Check the terrain carefully before you start up any hill. Never climb hills that have slippery or loose surfaces. Shift your weight forward when climbing hills. Never open the throttle suddenly or make sudden gear changes. Never go over the top of any hill at a high rate of speed.

Always follow proper procedures for going down hills and for braking on hills as described in this manual. Check the terrain carefully before you start down any hill. Never go down a hill at a high rate of speed. Avoid going down a hill at an angle that would cause your UXV500iG to lean sharply to one side. Go straight down the hill where possible.

Always follow proper procedures for crossing the side of a hill as described in this manual. Avoid hills with slippery or loose surfaces. If possible, shift your weight to the uphill side of the vehicle. Never attempt to turn the vehicle around on any hill until you have mastered the turning techniques described in this manual on level ground. Avoid crossing the side of a steep hill if possible.
YOUR UTV IS NOT A TOY AND CAN BE HAZARDOUS TO OPERATE.

- Always use proper procedures if you stall or roll backwards when climbing a hill. To avoid stalling, maintain a steady speed when climbing a hill. If you stall or roll backwards, follow the special procedure for braking described in this manual. Exit the vehicle on the uphill side or to either side if pointed straight uphill. Turn the vehicle around and reenter it following the procedure described in this manual.
- Always check for obstacles before operating in an area that you are unfamiliar with. Never attempt to operate your UTV over large obstacles, such as large rocks or fallen trees. Always follow proper procedures when operating over obstacles as described in this manual.
- Always be alert for conditions that could cause skidding or sliding. On slippery surfaces such as ice, go slowly and be very cautious in order to reduce the chance of skidding or sliding out of control.
- Never operate your UTV in fast flowing water or in water deeper than the floor boards. Remember that wet brakes may reduce stopping capability. Test your brakes after leaving water. If necessary, apply them lightly several times to let friction dry out the pads.
- Always use the size and type tires specified in this manual. Always maintain proper tire pressure as described in this manual.

- Always be sure there are no obstacles or people behind you when you operate your UTV in reverse. When it is safe to proceed in reverse, go slowly. Avoid turning at sharp angles in reverse.
- Never improperly install or improperly use accessories on your UXV500iG.
- Always wear the seat belt while driving this vehicle.
- Never alter the hand and foot controls of this vehicle.
- Never operate this vehicle with the overhead canopy removed.
- Always keep combustible materials away the exhaust system. Exposure to the exhaust system’s hot components could result in a fire.
- Never exceed the stated load capacity for any UTV. Cargo should be properly distributed and securely attached. Reduce speed and follow instructions in this manual for carrying cargo or pulling a trailer, and allow greater distance for braking.
- Operation of this UTV is restricted to people 16-years of age or older who posses a valid motor vehicle operator’s license. It is recommended that passengers be older than 6-years of age.
**VEHICLE IDENTIFICATION NUMBERS**

Your KYMCO UXV500iG has two identification numbers: the Vehicle Identification Number (VIN), and the Engine Serial Number (ESN).

The VIN is located on the frame, behind the right, front wheel. The ESN is located on the right side of the engine crankcase.

The VIN and ESN are required by your KYMCO dealer to order proper parts, perform service, and submit warranty claims. Always provide your vehicle’s year, model, VIN and ESN when contacting an authorized KYMCO dealer for assistance.

Warranty repairs will be declined by KYMCO if the VIN or ESN on your ATV have been removed or altered in any way. If your ATV requires a repair that will replace the engine crankcase or the frame, ask your dealer to contact KYMCO to discuss the situation.

**KEYS**

Four keys are supplied with your KYMCO UXV500iG. Two identical keys operate the ignition switch. Another pair of identical keys are used to unlock and activate the onboard generator, access the glove box and unlock gas tank filler cap. Record the key numbers, and keep one key of each type in a safe place as spares.

**NOTE:** Record your VIN, ESN and key number codes on the inside, back cover of this manual.
LOCATION OF PARTS AND CONTROLS (1/3)

1. Left Tail/Brake Light  
2. Left Seat (driver)  
3. Left Head Cushion  
4. Right Head Cushion  
5. Right Seat (passenger)  
6. Right Tail/Brake Light  
7. Bumper  
8. Battery  
9. Canopy  
10. Grab Handles  
11. Steering Wheel  
12. Seat Belts  
13. Cargo Bed  
14. Generator  
15. Headlights

■ NOTE: Your vehicle may differ slightly in appearance from the images in this manual.
16 Muffler & Spark Arrestor
17 Latch Handles
18 Seat Belts
19 Hood
20 Grab Handles
21 Fuel Tank Cap (gas cap)
22 Steering Wheel
23 Brake Pedal
24 Throttle Pedal (accelerator)
25 Transmission Shift Lever

*NOTE: Your vehicle may differ slightly in appearance from the images in this manual.
Controls to the left of the steering wheel:

22  2WD/4WD & Differential Lock Knob
23  Headlight Switch

24  Generator Emergency Stop Button
25  Multifunction Meter
26  12VDC Accessory Plug
27  Ignition Switch

See page 72 for Generator Control Panel component identification

• NOTE: Your vehicle may differ slightly in appearance from the images in this manual.
WARNING LABELS & HANGTAGS

WARNING LABELS
On the vehicle’s dash (1/2)

Your KYMCO UXV500iG comes equipped with several labels and hangtags containing important safety information. Anyone who drives the vehicle should read and understand this information before operation. The labels should be considered permanent parts of the vehicle. If a label comes off or becomes hard to read, contact your KYMCO dealer immediately for a replacement.

![Image of vehicle dashboard with labels and hangtags]

1. **CAUTION**
   Damage to the differential can occur if it is engaged while the vehicle is traveling at high speeds or while the rear wheels are spinning. Stop the vehicle before engaging the differential.

2. **WARNING**
   Improper use can result in SEVERE INJURY or DEATH
   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** indicates a potential hazard that could result in serious injury or death.
INDICATES A POTENTIAL HAZARD THAT COULD RESULT IN SERIOUS INJURY OR DEATH.

WARNING LABELS
On the vehicle’s dash (2/2)
**WARNING**

- Keep hands, body and other persons away from closing cargo box.
- Do not operate the vehicle with cargo box up.

---

**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: 86 kPa (0.86 kgf/cm²), 14 psi
  Minimum: Front: 63 kPa (0.63 kgf/cm²), 9 psi
  Rear: 61 kPa (0.61 kgf/cm²), 9 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**

Indicates a potential hazard that could result in serious injury or death.

---

**WARNING**

IMPROPER TIRE PRESSURE OR OVERLOADING CAN CAUSE LOSS OF CONTROL AND RESULT IN SEVERE INJURY OR DEATH.

- 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 seatbelt 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
- Exceed the vehicle load capacity of 910 kg (2006 lbs). 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 room to stop
  - Avoid hills and rough terrain
  - Operate in low range gears only

Locate and read operator's manual. Follow all instructions and warnings.

---

**Routing**

On the vehicle's chassis (1/3)
WARNING LABELS
On the vehicle’s chassis (2/3)

7 8 9

7

WARNING

- SEVERE INJURY OR DEATH CAN RESULT IF YOU IGNORE FOLLOWING:
  - MAXIMUM LOAD IN CARGO BED: 189 KG (418 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.

8

WARNING

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

9

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).
**WARNING LABELS**

On the vehicle’s chassis (3/3)

---

**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**

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 TO NEUTRAL.
5. 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 REPLACEMENT IF MISSING.

87512-LEE8-E00

---

**WARNING**

IMPROPER TIRE PRESSURE OR OVERLOADING 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.
* ROLL-OVER COULD CAUSE SEVERE INJURY OR DEATH. THE ROLL BAR AND SEATBELT CANNOT PROTECT OCCUPIANTS IN ALL ACCIDENTS, INCLUDING ROLL-OVER.
* DRIVE STRAIGHT UP AND DOWN INCLINES - DRIVING ACROSS THE SIDE OF AN INCLINE INCREASES THE RISK OF OVERTURNS.

NEVER:
* 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 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-ALB1-E00
1. EPA LABEL

VEHICLE EMISSION CONTROL INFORMATION

ENGINE DISPLACEMENT : 501 cc
ENGINE FAMILY : KYMCO, 501GEN
PERMEATION FAMILY : KYMPMETAL02

THIS VEHICLE IS CERTIFIED TO OPERATE ON GASOLINE. THIS VEHICLE MEETS U.S. EPA AND CALIFORNIA REGULATIONS FOR 2015 MODEL YEAR NEW LTVs AND IS CERTIFIED TO 1.5 G/KM HC + NOX, 35 G/KM CO AND 1.2 G/KM HC, 0.0 G/KM CO EXHAUST EMISSION STANDARD IN CALIFORNIA.

ENGINE EXHAUST CONTROL SYSTEM: TBI

KWANG YANG MOTOR CO., LTD
TAIWAN

KYMCO USA Inc.
Spartanburg, SC 29307 USA

ENGINE TUNEUP SPECIFICATIONS:
IGNITION TIMING : NOT ADJUSTABLE
IDLE SPEED : 1500 ± 100 rpm IN NEUTRAL
IDLE MIXTURE : NOT ADJUSTABLE
VALVE CLEARANCE : 0.10 ± 0.02 mm
INTAKE & EXHAUST
SPARK PLUG : NGK CR7E
SPARK PLUG GAP : 0.7 ± 0.8 mm
FUEL : UNLEADED GASOLINE ONLY - 87 (R+M)/2
OCTANE
DIESEL, 87 - 90 (SEE OWNER'S MANUAL)
MANUFACTURED, ** / **** (MONTH/YEAR)

2. EPA HANGTAG

MODEL: UXV500i G/UXV500i G Turf
501 cc 4-Stroke, TBI Emission Control

KYMCO CARES ABOUT THE ENVIRONMENT!
‘0’ IS THE CLEANEST AND ‘10’ THE LEAST CLEAN ALLOWED;
YOUR ATV IS A ‘3.1’.

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

KYMCO USA Inc.
Spartanburg, SC 29307 USA
### WARNING

**POTENTIAL HAZARD**
Operating this Side-by-Side vehicle without proper instruction.

**WHAT CAN HAPPEN**
The risk of an accident is greatly increased if you do not know how to operate the vehicle properly in different situations and on different types of terrain.

**HOW TO AVOID THIS HAZARD**
Whether you are a beginning or experienced motorcycle, ATV rider or UTV driver, you should complete a certified training course directed at using this type of vehicle. You should then regularly practice the skills learned in the course in conjunction with the operating techniques described in this Owner’s Manual.

---

### WARNING

**POTENTIAL HAZARD**
Allowing anyone under 16 years of age to operate this vehicle.

**WHAT CAN HAPPEN**
Use of a Side-by-Side vehicle by children can lead to severe injury or death. Children under 16 years of age may lack the skills, abilities, or judgment to operate the vehicle safely and may be involved in a serious accident.

**HOW TO AVOID THIS HAZARD**
A child under 16 years of age should never operate this vehicle.

---

### WARNING

**POTENTIAL HAZARD**
Carrying more than one passenger on your UTV.

**WHAT CAN HAPPEN**
Carrying more than one passenger greatly reduces your ability to control this vehicle. This could cause an accident, resulting in injury or death to you and/or your passengers.

**HOW TO AVOID THIS HAZARD**
Never carry more than one passenger. The right seat on this vehicle is designed to accommodate one passenger. Your passenger should use their seat belt at all times.
**WARNINGS**

### WARNING

**POTENTIAL HAZARD**
Operating your UTV on paved surfaces.

**WHAT CAN HAPPEN**
Your UXV500iG’s tires are designed for off-road use only, not for use on pavement. Paved surfaces may seriously affect vehicle handling and may result in your inability to control the vehicle.

**HOW TO AVOID THIS HAZARD**
Never operate your UXV500iG on any paved surface, including, but not limited to, sidewalks, driveways, parking lots, or streets.

### WARNING

**POTENTIAL HAZARD**
Operating your UTV on public streets, roads, or highways.

**WHAT CAN HAPPEN**
You can collide with another vehicle.

**HOW TO AVOID THIS HAZARD**
Never operate your UXV500iG on a public street, road, highway, or even a dirt or gravel road. In many states it is illegal to operate this type of vehicle on public streets, roads, or highways.

### WARNING

**POTENTIAL HAZARD**
Operating your UTV without wearing eye protection.

**WHAT CAN HAPPEN**
Operating an off-road vehicle without eye protection can result in an accident and increases your chances of a severe injury, including loss of sight in the event of an accident.

**HOW TO AVOID THIS HAZARD**
Always wear an eye protection (goggles or helmet face shield).
WARNINGS

⚠️ WARNING

POTENTIAL HAZARD
Operating your UTV while under the influence of alcohol or drugs.

WHAT CAN HAPPEN
Consuming alcohol or drugs before or during the operation of your UTV can seriously affect your judgment. Consuming alcohol or drugs will cause you to react more slowly and will affect your balance and perception. Operating a UTV with these impairments may cause an accident resulting in injury or death.

HOW TO AVOID THIS HAZARD
Never operate your UXV500iG while under the influence of alcohol or drugs.

⚠️ WARNING

POTENTIAL HAZARD
Operating your UTV at excessive speeds.

WHAT CAN HAPPEN
Operating your UXV500iG at excessive speeds increases your chances of losing control of the vehicle, which can result in an accident.

HOW TO AVOID THIS HAZARD
Always drive your UXV500iG at a speed that is proper for the terrain, visibility, operating conditions and your experience.

⚠️ WARNING

POTENTIAL HAZARD
Attempting wheelies, jumps, and other stunts when driving your UTV.

WHAT CAN HAPPEN
Attempting wheelies, jumps, and other stunts increases the chance of an accident, including a rollover, when driving this type of vehicle.

HOW TO AVOID THIS HAZARD
Never attempt stunts such as wheelies or jumps. Do not try to show off when driving your UXV500iG.
WARNINGS

**WARNING**

**POTENTIAL HAZARD**
Failure to inspect your UTV before operating it. Failure to properly maintain your UXV500iG.

**WHAT CAN HAPPEN**
By not keeping your vehicle in proper working order, you increase the possibility of an accident or damaging your UXV500iG.

**HOW TO AVOID THIS HAZARD**
Always inspect your UXV500iG each time you use it to make sure it is in safe operating condition. Always follow the inspection and maintenance schedules and procedures in this Owner’s Manual.

**WARNING**

**POTENTIAL HAZARD**
Failure to use adequate caution when riding your UTV on unfamiliar terrain.

**WHAT CAN HAPPEN**
When driving on unfamiliar terrain you may come upon hidden rocks, bumps, or holes without enough time to react. This could result in the vehicle overturning or you losing control of the vehicle.

**HOW TO AVOID THIS HAZARD**
Go slowly and be extra careful when driving your UXV500iG on unfamiliar terrain. Always be alert to changing conditions in the terrain when driving your UTV.

**WARNING**

**POTENTIAL HAZARD**
Failure to use adequate caution when driving your UTV on rough, slippery, or loose terrain.

**WHAT CAN HAPPEN**
Driving your UXV500iG on rough, slippery, or loose terrain can cause loss of traction or control which could result in an accident, including a rollover.

**HOW TO AVOID THIS HAZARD**
Do not drive your UXV500iG on rough, slippery, or loose terrain until you have learned and practiced the skills necessary to control the vehicle on these surfaces. Always be especially cautious when driving your UTV on rough, slippery, or loose terrain.
WARNINGS

⚠️ WARNING

POTENTIAL HAZARD
Steering the UTV improperly.

WHAT CAN HAPPEN
You might lose control of your UXV500iG and experience a rollover or collision.

HOW TO AVOID THIS HAZARD
Always follow proper procedures for steering your UXV500iG as described in this Owner's Manual. Practice steering the vehicle at slow speeds before attempting to turn at faster speeds. Do not turn your UXV500iG abruptly at excessive speeds.

⚠️ WARNING

POTENTIAL HAZARD
Operating your UTV on steep hills.

WHAT CAN HAPPEN
This type of vehicle can overturn more easily on steep hills than on level surfaces or small hills.

HOW TO AVOID THE HAZARD
Never operate your UXV500iG on hills that are too steep for the vehicle or for your abilities. Practice driving on smaller hills before attempting to drive on larger hills.

⚠️ WARNING

POTENTIAL HAZARD
Improperly operating your UTV in reverse.

WHAT CAN HAPPEN
You may hit an obstacle or person behind you with the vehicle, resulting in serious injury.

HOW TO AVOID THIS HAZARD
Before you engage reverse gear, make sure there are no obstacles or people behind you. When it is safe to proceed, operate your UXV500iG in reverse at slow speeds.
WARNINGS

**WARNING**

**POTENTIAL HAZARD**
Climbing hills improperly with your UTV.

**WHAT CAN HAPPEN**
Climbing hills improperly may cause you to lose control of your UXV500iG or cause the vehicle to overturn.

**HOW TO AVOID THIS HAZARD**
Always follow proper procedures for climbing hills as described in this Owner's Manual. Always check the terrain carefully before you start up any hill.

Never climb hills with slippery or loose surfaces. Never accelerate suddenly, as the vehicle might flip over backwards. Never go over the top of any hill at high speed, as an obstacle, a sharp drop, or another vehicle or person might be on the other side of the hill.

**NEVER RIDE YOUR UXV500iG UP OR DOWN HILLS STEEPER THAN 15°**

**WARNING**

**POTENTIAL HAZARD**
Going down a hill improperly on your UTV.

**WHAT CAN HAPPEN**
Going down a hill improperly could cause you to lose control of your UXV500iG or cause the vehicle to overturn.

**HOW TO AVOID THIS HAZARD**
Always follow proper riding procedures for going down hills as described in this Owner's Manual. Always check the terrain carefully before you start down any hill on your UXV500iG. Never go downhill at a high speed. Avoid going down a hill at an angle that would cause your vehicle to lean sharply to one side. Go straight down the hill whenever possible.
WARNINGS

<table>
<thead>
<tr>
<th>WARNING</th>
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<tbody>
<tr>
<td>POTENTIAL HAZARD</td>
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</tbody>
</table>
Improperly crossing hills or turning on hills while riding your UTV.  

WHAT CAN HAPPEN  
Improperly crossing hills or turning on hills may cause you to lose control of your UXV500iG or cause the vehicle to overturn.

HOW TO AVOID THIS HAZARD  
Never attempt to turn your UXV500iG around on any hill until you have mastered the turning and steering techniques described in this Owner's Manual. Practice these maneuvers first on level ground. Be very careful when turning your UXV500iG on any hill, and avoid crossing the side of a steep hill, if possible.

When crossing the side of a hill on this type of vehicle:  
* Always follow proper driving procedures as described in this Owner's Manual  
* Avoid hills with slippery or loose surfaces

<table>
<thead>
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<th>WARNING</th>
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<tbody>
<tr>
<td>POTENTIAL HAZARD</td>
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</tbody>
</table>
Stalling, rolling backwards, or improperly exiting the vehicle while climbing a hill with your UTV.  

WHAT CAN HAPPEN  
Stalling, rolling backwards, or improperly exiting the vehicle could cause the UTV to overturn.

HOW TO AVOID THIS HAZARD  
Select the proper transmission gear and maintain a steady speed when climbing.

If you lose forward speed:  
1. Apply the brakes  
2. Engage the parking brake after you are stopped.

If you begin rolling backwards:  
* Apply the brakes as soon as the vehicle begins rolling backwards.  
* When the vehicle comes to a full stop, engage the parking brake and carefully exit the vehicle on the uphill side, or to the side pointed uphill.  
* Obtain assistance and turn the vehicle around so it faces downhill and carefully get back into the vehicle so you can drive it downhill following the procedures described in this Owner's Manual.
WARNINGS

⚠️ WARNING

POTENTIAL HAZARD
Improperly driving your UTV over obstacles.

WHAT CAN HAPPEN
Improperly driving over obstacles may cause you to lose control of your UXV500iG or cause a collision. A loss of control or a collision may cause the vehicle to overturn.

HOW TO AVOID THIS HAZARD
Before operating your UXV500iG in a new area, check for obstacles. Never attempt to ride your vehicle over large obstacle, such as large rocks or fallen trees. When you go over obstacles, always follow the proper driving procedures as described in this Owner’s Manual.

⚠️ WARNING

POTENTIAL HAZARD
Skidding or sliding while driving your UTV.

WHAT CAN HAPPEN
Skidding or sliding may cause you to lose control of your vehicle. When skidding or sliding, your UXV500iG could regain traction unexpectedly which could cause the vehicle to overturn.

HOW TO AVOID THIS HAZARD
Learn to safely control skidding or sliding by practicing first your skills at slow speeds and on smooth terrain. On extremely slippery surfaces such as ice, go slowly and be very cautious to reduce the chance of skidding or sliding your vehicle out of control.

⚠️ WARNING

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.
WARNINGS

**WARNING**

**POTENTIAL HAZARD**
Operating your UTV through deep or fast flowing water.

**WHAT CAN HAPPEN**
Your UXV500iG’s tires may float, causing loss of traction and loss of control, which could lead to an accident. Water can also reduce the stopping capability of your vehicle’s braking system.

**HOW TO AVOID THIS HAZARD**
Never operate your UXV500iG in fast flowing water, or in water deeper than the floorboards. Remember that wet brakes may have reduced stopping capability. Test your vehicle’s brakes after leaving water. If necessary, apply the brakes smoothly several times to dry the pads, drums and rotors.

---

**WARNING**

**POTENTIAL HAZARD**
Operating your UTV with improper tires or with tires that have improper or uneven tire pressure.

**WHAT CAN HAPPEN**
Using the wrong tires on your UXV500iG, or driving your vehicle with improper or uneven tire inflation, may cause you to lose control of the vehicle, increasing the chance of an accident.

**HOW TO AVOID THIS HAZARD**
Always use the proper tire sizes and types on your UXV500iG as specified in this Owner’s Manual. Always maintain the tire pressures set forth in this Owner’s Manual.

---

**WARNING**

**POTENTIAL HAZARD**
Operating your UTV while attempting to set the controls or activate the onboard generator.

**WHAT CAN HAPPEN**
Operating the generator control panel will divert your attention and can cause you to lose control of the vehicle, increasing the chance of an accident.

**HOW TO AVOID THIS HAZARD**
Do not access or operate your UXV500iG’s generator control panel unless the vehicle is fully stopped and the parking brake is engaged.
POTENTIAL HAZARD
Operating your UTV with improper modifications.

WHAT CAN HAPPEN
Improper installation of accessories or modifications to your UXV500iG may cause changes in handling which, in some situations, could lead to an accident.

HOW TO AVOID THIS HAZARD
Never modify your UXV500iG or install accessories that are not specifically designed for your vehicle. All parts and accessories added to your UXV500iG should be genuine KYMCO components designed for use on this type of vehicle, and should be installed and used according to the installation instructions. Never alter the hand and foot controls of this vehicle. If you have questions about personalizing your UXV500iG, consult an authorized KYMCO dealer.

POTENTIAL HAZARD
Overloading your UTV, or carrying loads or towing cargo improperly.

WHAT CAN HAPPEN
Improper loading and towing will cause changes to the vehicle's handling characteristics, and may lead to an accident.

HOW TO AVOID THIS HAZARD
Never exceed the stated load capacity of your UXV500iG (as set forth in this Owner's Manual). Cargo should be properly distributed and secured. To aid in controlling your vehicle, reduce speed when carrying cargo or pulling a trailer, and allow greater distances for braking. Always follow the instructions and recommendations in this Owner's Manual for carrying cargo or pulling a trailer.
OVERVIEW
When riding or driving an off-road vehicle, PREVENTION is the name of the game. "Had you only known" something could go wrong, you would have prevented it. If you do not take notice of the current terrain and its specific conditions before driving your UTV, you increase the risk of losing control of the situation. Using prevention techniques will help you forecast potential hazards before they result in injury to you or damage to your Side-by-Side vehicle.

Following the safety instructions and warnings in this manual will help you "P.A.S.S." the safety test. P.A.S.S. stands for "Prevention," "Active Driving," "Sound Judgment," and "Supervision." Remembering P.A.S.S. and what it stands for will help you have a safe and enjoyable drive every time you operate your UXV500iG.

PROPER CLOTHING AND GEAR
Always wear clothing suited to the type of activity you will be participating in. Off-road recreation often requires special protective clothing which will both make you feel more comfortable and reduce the possibility of injury. It is important to dress correctly for riding your UTV in order to prevent injury. Practicing proper prevention is simple and may prevent the pain of injury and the inconvenience of damage to your UTV. It is also important to take into account specific climate and weather conditions where you will be riding. Wear a liner under your helmet and layers of clothing during cooler weather and lighter, protective clothing when it is warmer. The following sections review the minimum protective gear you will need to wear during each drive.

HELMET (head protection)
While your UXV500iG is equipped with an overhead canopy, it cannot take the place of a helmet. A helmet is an essential piece of protective gear. A proper helmet can prevent a severe head injury. The best type of helmet is a full-face style which provides protection to the wearer's face as well as the head.

If you drop or damage your helmet, get a new one immediately. Your helmet may not protect your head from injury if it has cracks, fissures, or other damage to its outside or to the core padding and liner (which are designed to absorb the energy of an impact). Remember, even the best helmet is ineffective if it is not the proper size and the chin strap is not fastened.

GOGGLES (eye protection)
Always wear eye protection, such as goggles, that completely surrounds your eyes to prevent getting dirt or other debris in your eyes. Do not depend on sunglasses or prescription glasses for proper eye protection. Glasses of this type are not recommended as they do not prevent objects from flying in through the sides, and the lenses may be damaged upon impact.
PREVENTION

CONDITION OF YOUR UXV500iG.
The second step in PREVENTION is checking the condition of your Side-by-Side vehicle before you drive it. Chances are good that you will be using your UXV500iG in some rough terrain, and you do not want something to prevent you from enjoying your drive. Your best approach is to take steps to ensure that your vehicle is properly maintained so you can avoid equipment failure or a hazardous situation.

You need to check the following items on your UXV500iG before every ride:
1. Brakes
2. Throttle (accelerator pedal)
3. Tires and Wheels
4. Fluids
5. Lights
6. Electrical
7. Controls and Cables
8. Chassis and Suspension
9. Miscellaneous Items

INSPECTION OF YOUR UXV500iG
An easy way to remember what items you need to check on your vehicle is by using the acronym "T-CLOC."

This acronym means:

<table>
<thead>
<tr>
<th>T</th>
<th>C</th>
<th>L</th>
<th>O</th>
<th>C</th>
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</thead>
<tbody>
<tr>
<td>TIRES &amp; WHEELS</td>
<td>CONTROLS &amp; CABLES</td>
<td>LIGHTS &amp; ELECTRIC</td>
<td>OIL &amp; FUEL</td>
<td>CHASSIS</td>
</tr>
</tbody>
</table>

Follow the guidelines on the following pages and in the rest of this Owner’s Manual when inspecting your UXV500iG.
**PREVENTION**

**TIRES AND WHEELS**
Correct tire pressure is crucial to the proper operation of your UXV500iG. Consult the values listed below or the SPECIFICATIONS section of this manual for tire pressure guidelines. Incorrect tire pressure can cause poor handling, instability, and could cause you to lose control of your vehicle.

- **Front wheel air pressure:** 10 psi (0.7 kgf/cm²)
- **Rear wheel air pressure:** 14 psi (0.98 kgf/cm²)

**A. Brakes**
Press down on the UXV500iG’s brake pedal. If the pedal does not feel firm, or if it feels soft or "weak," the brake system could be low on fluid or have a leak. If so, refer to the GENERAL MAINTENANCE section of this manual for instructions. Do not use your UXV500iG unless the brakes are operating normally.

Test the parking brake to confirm that it locks the wheels into position, then disengage it to release the brake. The brakes on your Side-by-Side vehicle are essential for safety and could fail if they are not maintained properly.

**B. Accelerator**
Your UXV500iG’s accelerator pedal should have a free, smooth range of motion. If it seems to "stick" at any point, or does not return when released, refer to the GENERAL MAINTENANCE section of this manual for instructions. Driving your UXV500iG with a sticking accelerator can cause you to lose control of your vehicle and may cause an accident. Do not drive your UXV500iG if the accelerator action is not smooth and the pedal does not return after it is released.

**CONTROLS AND CABLES**
With your vehicle’s engine running and parking brake applied, check the transmission operation by shifting into each drive mode: forward, neutral, and reverse. After testing, shift back into neutral and turn the engine off before exiting the vehicle.

**Check:**
1. **Forward**
2. **Neutral**
3. **Reverse**

While checking your UXV500iG’s tire pressure, inspect the tread and the sidewalls of the tires for cracks, cuts, or other damage. Immediately replace any tire that is damaged.

**Check:**
1. **Tire pressure**
2. **Tire surface (tread and sidewall)**

While checking your UXV500iG’s tire pressure, inspect the tread and the sidewalls of the tires for cracks, cuts, or other damage. Immediately replace any tire that is damaged.

While checking your UXV500iG’s tire pressure, inspect the tread and the sidewalls of the tires for cracks, cuts, or other damage. Immediately replace any tire that is damaged.
## PREVENTION

### LIGHTS AND ELECTRIC

Turn your UXV500iG's hi-beam and low-beam on and off to make sure they work. At the same time, check that the taillight and brake lights work. Also, check the status/warning indicators (reverse, neutral, and hi-lo beam) on the dash when you start the vehicle. Check the ignition switch operation. Do not drive your UXV500iG unless all the systems are working properly.

<table>
<thead>
<tr>
<th>Check:</th>
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</thead>
<tbody>
<tr>
<td>1. Headlight hi-beam</td>
</tr>
<tr>
<td>2. Headlight low-beam</td>
</tr>
<tr>
<td>3. Taillight/brake light</td>
</tr>
<tr>
<td>4. Status/warning indicators</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Check:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Ignition switch</td>
</tr>
</tbody>
</table>

### OIL AND FUEL

Start with a full tank of gas before every drive, and make sure the oil is at the proper level. Don't forget to check for fluid leaks around the vehicle. Watch the engine temperature indicator on the dash to ensure the engine coolant level is adequate.

<table>
<thead>
<tr>
<th>Check:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Gas</td>
</tr>
<tr>
<td>2. Oil</td>
</tr>
<tr>
<td>3. Fluid leaks</td>
</tr>
</tbody>
</table>

### CHASSIS

Grass, leaves and other debris can get entangled in your Side-by-Side vehicle's suspension and shocks. Keep the suspension arms, shock springs, and fenders clean and free of debris. Check the steering smoothness by rotating the steering wheel full-left and full-right. Make sure there is no binding, restrictions, free-play, or looseness in the steering components.

<table>
<thead>
<tr>
<th>Check:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Suspension arms</td>
</tr>
<tr>
<td>2. Shock springs</td>
</tr>
<tr>
<td>3. Steering</td>
</tr>
</tbody>
</table>

### MISCELLANEOUS ITEMS

Inspect your UXV500iG's air filter. Look for debris or damage that may indicate you need to replace it, as a clogged filter can prevent your engine from running. Check the battery terminals for tightness and corrosion. Also, be sure to tighten any loose parts, nuts, or bolts on the chassis.

<table>
<thead>
<tr>
<th>Check:</th>
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</thead>
<tbody>
<tr>
<td>1. Air filter</td>
</tr>
<tr>
<td>2. Battery</td>
</tr>
<tr>
<td>3. Tighten chassis fasteners, any loose parts</td>
</tr>
</tbody>
</table>
**PREVENTION**

**FIRST-AID AND SURVIVAL**
Before driving your UXV500iG, you need to prepare for the unexpected. Emergencies and accidents are traumatic, but the situation can be worse if your are not prepared for it. During every drive, you should have the following items on board your vehicle:

- **Tools**
- **Water**
- **Identification**
- **First Aid Kit**

For drives that are longer in duration and distance, you should carry these additional items:

- **Cellular Telephone**
- **Maps/GPS**
- **Emergency Kit (with Flashlight & First Aid supplies)**

**TOOLS**
Routine maintenance on your UXV500iG will generally eliminate the need for emergency repairs. However, riding on rough terrain can cause nuts, bolts, and other fasteners to become loose. Carrying this Owner’s Manual and the right tools on your vehicle can prevent an inconvenience from becoming a more serious problem.

### Carry these items on your UXV500iG:
1. Spare light bulbs
2. Duct tape
3. Rope
4. Spark plugs
5. Spare parts (fuses)
6. Tool kit

### CELLULAR TELEPHONE
It may be necessary to make an urgent phone call or to alert friends and family where you are.

### WATER
Water is so important that you need to carry it regardless of the duration of your drive. Heat exhaustion and heat stroke can occur suddenly and without warning. If you become dehydrated, you may find yourself physically unable to safely operate your vehicle.

### IDENTIFICATION
If something does happen to you, the emergency personnel will need to know who you are and whom to contact. It is possible you may be unable to give them that information. Put your I.D. in your pocket before you ride. Without it, you are anonymous.

### MAPS/GPS (Global Positioning System)
Maps may be unnecessary when you are familiar with the area, but when you are driving on unfamiliar trails, it is good to know where you are, what is coming up, and how to find your way home.

### EMERGENCY KIT (with Flashlight & First Aid Supplies)
You will need several items in your vehicle’s Emergency Kit including a flashlight. Matches will come in handy if you need to start a fire to stay warm, and flares are useful for signaling for help. A first-aid kit is very important if an injury of some type should occur. Your kit should include bandages, antiseptic spray, gauze and tape.

### Carry these items on your UXV500iG (or your person):
1. Flashlight
2. Matches
3. Flares
4. First Aid Kit
5. Money

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![WARNING](image)
**WARNING**
Indicates a potential hazard that could result in serious injury or death.
ACTIVE DRIVING

OVERVIEW
"Active Driving" is the second part of "P.A.S.S." It involves an understanding of how your load weight, balance, gravity, and physical forces affect the handling of your UTV. For example, when you turn an automobile quickly into a sharp turn, your body is pulled to the outside of the vehicle by centrifugal force. While an automobile is comparatively stable and can tolerate sharper turns, enough centrifugal force can cause a Side-by-Side vehicle to overturn. Understanding the limitations of a high-ground-clearance, off-road vehicle is necessary to avoid rolling or flipping your UTV.

BASIC OPERATING MANEUVERS
Active driving and basic maneuvers are the foundation of Side-by-Side vehicle recreation. Without basic skills, it is impossible to advance to the level of active driving.

These are your basic maneuvers:
* Entering the Vehicle
* Starting the Engine
* Starting a Cold Engine
* Braking/Stopping
* Shifting
* Parking

ENTERING THE VEHICLE
Use care when entering your UXV500iG. While your UXV500iG is a four-wheel vehicle, you still must use care to not upset the chassis when mounting it.

To get seated your UXV500iG:
1. Make sure the Parking Brake is engaged
2. From the left side of the vehicle, grab the left-side grab bar, and step into the vehicle with your right foot first
3. Slide your body into the seat and adjust it to a comfortable position
4. Always keep your feet planted on the floorboard
5. Fasten the seat belt

STARTING THE ENGINE
Always start your UXV500iG when it is at rest on a flat, level surface. Carbon monoxide poisoning can kill you, so never run your UXV500iG’s engine in an enclosed space.

Follow these steps to start your UXV500iG:
1. Enter the vehicle, sit down and fasten the seat belt
2. Engage the parking brake
3. Move the Gear Shift Lever into NEUTRAL
4. Turn the Ignition Switch clockwise to the START position; then when the engine starts, release it so it rotates back to the RUN position
5. Let the engine warm up
ACTIVE DRIVING

An easy way to remember the starting procedure for your UXV500iG is by using the acronym "BONE-C."

This acronym means:

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<tr>
<th>B</th>
<th>O</th>
<th>N</th>
<th>E</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>BRAKES LOCKED</td>
<td>IGNITION SWITCH ON</td>
<td>NEUTRAL TRANSMISSION</td>
<td>ENGINE SWITCH</td>
<td>AUTOMATIC CHOKE</td>
</tr>
</tbody>
</table>

STARTING A COLD ENGINE

- NOTE: Do not press down on the accelerator pedal when starting a cold engine, as this will prevent the engine from starting easily.

1. Turn off all electrical accessories (lights, radio, etc.), then rotate the ignition switch key to the first position (RUN). Note that the "N" indicator will be illuminated on the dash display.

2. Rotate the ignition switch key to the second position (START) to activate the starter motor. Do not hold the switch in the START position for more than eight seconds.

3. If the engine does not start, rotate the ignition switch key to the second position (START) for another eight seconds.

4. Once started, allow the engine to warm up for approximately two to three minutes, or until the vehicle will accept throttle and accelerate smoothly.

Never run your vehicle in a closed area, such as a garage.

Exhaust gases contain carbon monoxide, a colorless, poisonous gas. Breathing exhaust gasses leads to carbon monoxide poisoning, asphyxiation, and death.

CAUTION

Allow 30 seconds between starting attempts to allow the starting motor to cool. Continuous starting attempts will result in overheating and damage to the starting motor.

CAUTION

This vehicle contains or emits chemicals that have been identified by the State of California as agents that cause cancer and birth defects or other reproductive harm.

WARNING

Indicates a potential hazard that could result in serious injury or death.
**ACTIVE DRIVING**

**BRAKING / STOPPING**
Always allow plenty of room and time to stop your UXV500iG safely. Be alert and prepared, as quick stops are inevitable. Whether you are stopping slowly or stopping quickly, follow these braking guidelines:

1. Press down on the brake pedal with your foot to apply the brakes.
2. If your wheels lock, release the brake pedal for a second, then apply the brakes again.
3. Avoid prolonged application of the brakes. Even maintaining minimal pressure on the brake pedal will cause the brake pads to drag on the brake rotor and may cause overheating of the brake fluid.

**WARNING**

Prolonged and repetitive use of the vehicle’s hydraulic brakes for high speed stops will cause overheating of the brake fluid and premature brake pad wear which can cause unexpected loss of braking ability.

1. To engage the HIGH range from PARK, move the shift lever forward.

**NOTE:** The HIGH range is for normal driving with light loads.

2. To engage the LOW range from HIGH range, move the shift lever outward and forward.

**NOTE:** The LOW range is for carrying heavy loads or trailer towing. Compared to HIGH range, the LOW range position provides slower speed and greater torque to the wheels.

**SHIFTING**

This KYMCO Side-by-Side vehicle is equipped with an automatic, dual-range transmission with reverse capability. To shift your UXV500iG into gear or reverse, follow these steps:

1. To engage the HIGH range from PARK, move the shift lever forward.

2. To engage the LOW range from HIGH range, move the shift lever outward and forward.

**WARNING**

Use only KYMCO approved brake fluid. Never substitute or mix different types or grades of brake fluid, as unexpected loss of braking ability can result. Check the vehicle’s brake fluid level and pad wear before each use. The loss of braking ability may result in severe injury or even death.
ACTIVE DRIVING

3. To engage reverse gear from PARK, move the shift lever forward, and outward one step into the “R” position.

CAUTION
Always shift the transmission into LOW range when operating on wet or uneven terrain, when towing or pushing heavy loads, or when using a plow. Failure to follow this caution may result in premature V-belt failure or other damage to the drive system.

3. Press down on the brake pedal and then shift the transmission into gear
4. Release the parking brake
5. Keep both hands on the steering wheel, release the brake pedal and slowly depress the accelerator pedal to begin driving

CAUTION
Never shift the transmission while your UXV500iG is in motion. Should your vehicle be on a surface that is not level, engage the parking brake before shifting into another transmission range or into reverse.

NOTE: Vehicle speed is controlled by the amount of throttle applied to the engine via the accelerator pedal. The transmission shifting is automatic.

6. Drive slowly - practice maneuvering and using the accelerator and brake pedals to control the vehicle’s speed and stopping

DRIVING THE VEHICLE
Before driving your UXV500iG, take time to familiarize yourself completely with the operational information described in this Owner’s Manual. Be prepared to practice operating the controls and driving the vehicle in a mild environment before driving the vehicle on more difficult terrain.

Follow this procedure to safely drive your UXV500iG:
1. Sit in the driver’s seat and fasten the seat belt
2. Start the engine and allow it to warm up
3. Drive slowly - practice maneuvering and using the accelerator and brake pedals to control the vehicle’s speed and stopping
4. Always try to park your UXV500iG on level ground. If you have to park on a hill, shift the vehicle’s transmission into low gear
5. Release your seat belt and exit the vehicle

NOTE: If you have to park your vehicle on a very steep hill, engage the parking brake, shift the transmission into the LOW range, and block the downhill side of the wheels.

PARKING
Parking your UXV500iG involves the same guidelines as braking, as well as the following guidelines:
1. After the vehicle stops, shift the transmission into PARK
2. Engage the parking brake
3. Turn OFF the ignition switch
4. Always try to park your UXV500iG on level ground. If you have to park on a hill, shift the vehicle’s transmission into low gear
5. Release your seat belt and exit the vehicle

NOTE: If you have to park your vehicle on a very steep hill, engage the parking brake, shift the transmission into the LOW range, and block the downhill side of the wheels.
Active Driving involves being very aware of your vehicle’s dynamics as you maneuver it. You must learn how speed affects turning and the stability of your UTV. Unlike a motorcycle or an ATV where you can lean and shift your weight to aid in control of the vehicle, this type of vehicle requires balance between speed and steering. Your safety depends on using safe driving techniques.

Safe driving techniques include:

* Turns
* K-Turns
* Sidehilling/Transversing
* Swerving
* Driving Uphill
* Driving Downhill
* Crossing Obstacles

**TURNS**

Many off-road vehicle accidents happen during turns. If you don’t understand turning techniques, you can lose control of your vehicle by losing traction, plowing, or tipping. Use this driving method for turns:

1. Ease off the accelerator as you approach the turn to slow down
2. Slowly rotate the steering wheel into the direction of the turn
3. Gradually increase your speed as you come out of the turn

**NOTE:** If the terrain you are driving on is not level, you must significantly reduce your vehicle speed.

**WARNING**

If your UTV’s tires are coming off the ground during a turn, you are driving the vehicle at too high of a speed to initiate a turn. Reduce speed in these situations as a vehicle rollover could cause serious injury or death.

**RIDING UPHILL**

Many off-road vehicle accidents also happen while driving on hills and as a result of the vehicle rolling or flipping. Use extreme caution when driving your UTV on hills, and use this method for driving uphill.

1. Accelerate before you start climbing; then maintain a steady pace
2. If you lose speed, carefully apply more throttle. Be prepared to release the accelerator (so your front tires won’t lift), OR
4. If that doesn’t work, and you still have forward motion and the terrain permits, do a U-turn, go back down, and try climbing again, OR
5. If you have lost all forward motion, use a K-turn maneuver to go safely down the hill

**NEVER RIDE YOUR UXV500iG UP OR DOWN HILLS STEEPER THAN 15°**
K-TURNS

Use the K-turn maneuver if you accidentally stall your UTV while driving uphill. Using a K-turn will enable you to point the vehicle downhill in a controlled manner and prevent it from rolling backwards. Use the turning method on this page for K-turns:

1. Stop where you are, apply the parking brake, and shift the transmission into neutral
2. Shut off the vehicle's engine
3. Exit the vehicle on the uphill side
4. If you are to the left of the vehicle, rotate the steering wheel all the way to the left
5. Release the parking brake, but lightly press on the brake pedal so you can control the vehicle rolling (do not reenter the vehicle to apply the brake, do this remotely)
6. Let the vehicle roll slowly to your right side until it faces slightly downhill
7. Reengage the parking brake
8. Reenter the vehicle from the uphill side
9. Start the engine and follow the method for riding downhill
ACTIVE DRIVING

RIDING DOWNHILL
Success in driving downhill depends on how familiar and skilled you are with using your vehicle's brakes. Use care to balance braking force and downhill speed so you don't lose control and flip your vehicle over. Use this method for riding downhill.

1. Select a low gear; stay out of neutral
2. Lightly apply the brakes and use very little throttle (accelerator pedal)

SIDEHILLING / TRAVERSING HILLS
Sidehilling requires advanced off-road vehicle driving skills, as the terrain can be difficult and unpredictable. Whether your skills are advanced or not, try to avoid this kind of driving.

If you're in a situation where you absolutely have to drive sidehill with your vehicle, use this driving method:

1. Keep your vehicle's speed low and consistent
2. Steer as if you are driving into the hill
4. If your vehicle feels like it may tip over, rotate the steering wheel downhill. If that is not possible because of the terrain or other conditions, or if it just does not work, stop and get off the vehicle. Set the parking brake and exit your vehicle on the uphill side.

SWERVING
Swerving is an emergency maneuver required to avoid an obstacle, but is similar in action to a turn. Swerving differs from a turn as it involves slight acceleration during the turn.

Use extreme caution accelerating as your swerve so you can maintain better control of your vehicle. If you are in a situation where you feel you must swerve your vehicle, use this driving method:

1. Ease off the accelerator as you approach the obstacle
2. Rotate the steering wheel, and, at the same time, accelerate once you reach the apex of your projected turn
3. Avoid using the brakes until the obstacle-avoidance swerve is complete and you have regained full control of your vehicle

CROSSING OBSTACLES
Crossing obstacles is dangerous, and even an experienced off-road vehicle operator should avoid this practice if possible. Riding over logs, rocks, and ruts means you must combine all the active driving skills into one big motion. Your Side-by-Side vehicle will respond differently for different obstacles (logs, ruts, etc.), but these are general guidelines for overcoming obstacles:

1. Keep the vehicle's speed very low - less than 5 MPH
2. Approach the obstacle head-on
3. Accelerate lightly when the front tires make contact with the obstacle
4. Release the accelerator when the front tires clear the obstacle
5. Keep your body loose to absorb any shock from going over the obstacle

WARNING INDICATES A POTENTIAL HAZARD THAT COULD RESULT IN SERIOUS INJURY OR DEATH.
ACTIVE DRIVING

TIPS
Driving a UTV and driving an automobile have some similarities; however, there are certain situations that require special attention:

* Reversing
* Skidding or Sliding
* Parking on a Hill
* Stalling on a Hill
* Crossing Water
* Crossing Roads
* Riding in Cold Weather
* Stopping the Vehicle
* Stopping the Engine

REVERSING
Remember, it is difficult to see behind you as you back up your UXV500iG:
1. Proceed slowly, using a slight amount of throttle (accelerator)
2. Keep your steering wheel straight
3. Avoid backing down hills; use a U-turn or K-turn to turn around

SKIDDING or SLIDING
Be careful: it's easy to lose control of your UTV driving through sand, ice, mud, or water. Follow these suggestions on controlling a skid or slide:
1. Turn your steering wheel into the direction of the slide
2. Avoid using the brakes until you are out of the skid

PARKING ON A HILL
In the rare case you need to park your UTV on a hill:
1. Keep the UTV's transmission in gear
2. Engage the parking brake
3. Find something to block the rear tires

STALLING ON A HILL
If you use the proper method for riding your UTV uphill, you should avoid this situation. If you stall on a hill, follow these guidelines:
1. If your UTV has not started rolling backwards yet, follow the procedure for the K-turn
2. Gently apply the brakes then engage the parking brake
3. When the vehicle comes to a stop, perform a K-turn
4. If your UTV continues to roll backward, exit the vehicle immediately on the uphill side

CROSSING WATER
Your UXV500iG can only handle water up to its footrests. Crossing water deeper than that risks engine damage and/or personal injury. Avoid fast moving water as the tires fitted to a UTV can be buoyant, so if the water is too deep, your vehicle may float.

1. If your UTV has not started rolling backwards yet, follow the procedure for the K-turn
2. Gently apply the brakes then engage the parking brake
3. When the vehicle comes to a stop, perform a K-turn
4. If your UTV continues to roll backward, exit the vehicle immediately on the uphill side

CAUTION
Riding your ATV through water deeper than the footrests may lead to severe engine damage due to water ingestion.

WARNING
INDICATES A POTENTIAL HAZARD THAT COULD RESULT IN SERIOUS INJURY OR DEATH.
ACTIVE DRIVING

- NOTE: Engine damage caused by water ingestion or immersion will not be covered by your KYMCO warranty.

1. Physically check the depth and current of the water, especially if you can’t see the bottom. Look for boulders, logs, or other submerged obstacles that could impede your crossing

2. Keep your speed steady and slow

3. Make sure you have a way out on the other side of the water

4. If you get stuck in the sludge or mud, try rocking your UTV from side to side to free it

5. Once you’ve cleared the water, briefly apply the brakes to make sure they function

CROSSING ROADS
Crossing paved roads can be dangerous and should be avoided. However, if you must cross a road follow these guidelines:

1. Before crossing, stop completely on the shoulder of the road

2. Check both directions for oncoming traffic

3. Do not cross near a blind corner or intersection because the lack of visibility is dangerous

4. Ride straight across the road to the opposite shoulder

5. Be aware that since your UTV could stall, give yourself enough time to cross and get off the road

6. Assume that oncoming vehicles cannot see you, and if they do, they may not be able to predict your actions

7. It is illegal to cross public roads in some states and communities. Become aware of your local laws

RIDING IN COLD WEATHER

- NOTE: Check that all of the controls move freely. Make sure that the floorboards, gearshift lever, accelerator and brake pedals are free of ice and snow.

WARNING

For your personal safety, it is very important to wear cold-weather clothing that will be appropriate for the coldest anticipated temperatures.

1. With the transmission in neutral, move the UTV forwards and backwards to see if the wheels roll freely. If the UTV will not roll, the tires may be frozen to the ground or the brake pads may be frozen to the brake rotors or drums

2. If the tires are frozen to the ground, pour warm water around them to melt the ice

CAUTION

Before riding, manually rock the UTV forwards and backwards to make certain that all the wheels roll freely.

3. If the brakes are frozen, move the UTV to a warmer area to thaw out the brakes

WARNING

Do not attempt to free frozen brakes by pouring warm water on the brake pads, brake rotors or drums.

Continued on the next page -
**ACTIVE DRIVING**

- **NOTE:** After the brakes thaw, dry them by applying them several times while riding slowly.

- **NOTE:** After riding through water, mud, snow, or slush, it is important to dry the brake system before parking your UTV.

**WARNING**

Ride slowly and be extra careful when riding on snow-covered or ice-covered terrain. Always be alert to changing terrain conditions when operating your UTV in cold or wet weather.

4. Practice driving in an open snow-covered or ice-covered area at slow speeds before driving on snow-covered or ice-covered trails

5. Pay attention to how your UTV responds to steering and braking on the type of terrain you will encounter on your trail ride

**STOPPING YOUR UTV**

To stop your UTV, first release the accelerator pedal, then depress the brake pedal smoothly.

**STOPPING YOUR UTV’S ENGINE**

To stop your UTV’s engine, turn the ignition switch key to the OFF position.

- **NOTE:** Remember to turn the ignition switch to the OFF position if your UTV is not going to be ridden, so you will not deplete the battery’s energy.

**WARNING**

INDICATES A POTENTIAL HAZARD THAT COULD RESULT IN SERIOUS INJURY OR DEATH.
OVERVIEW

Human beings are not invincible: we need to use sound judgment to keep ourselves and others safe from harm. Knowing that the first "S" in "P.A.S.S" stands for "Sound Judgment" means that you need to use yours when you operate your UTV.

Do you consider yourself to be pretty conservative, or are you a heavy risk-taker? Before continuing with this section of the manual on sound judgment, check your **RISK FACTOR** by completing this short survey:

1. Do you drive over the speed limit?

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2. Are you more daring around your friends than when you are alone?

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3. Do you drive your automobile when the gas gauge is on empty?

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4. Do you feel that no matter what you do, you won't get hurt?

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5. Do you drink or use drugs before you drive your automobile?

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6. Do you drive your automobile even if it has a major problem with the brakes, tires, or engine?

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7. Do you thrive on the adrenaline rush you get from speeding and dangerous situations?

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8. Do you hurt yourself because you try to do things that are beyond your abilities?

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9. Do you tailgate other drivers when you think they're driving too slow?

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10. Do you ignore weather reports before you do outside activities like swimming, camping, fishing, or boating?

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Add the totals from survey questions 1 through 10. The total points indicates your **RISK FACTOR**.

**10 to 15** points indicates that your are fairly conservative. You probably make safe choices that will help you avoid hurting yourself and the people around you.

**16 to 20** points indicates that you can alternate between conservative and risky choices. Depending on your mood or whom you’re with, the choices you make may help you or hurt you.

**21 to 30** points indicates that you are taking risks. You should reconsider a lot of the judgments you make. You probably put yourself in dangerous situations that could potentially hurt yourself and the people around you.
SOUND JUDGMENT

ENVIRONMENT
The environment that you will operate your UTV in is often harsh and sometimes dangerous if you don't take proper precautions.

WEATHER
You need to consider the weather when you participate in an outdoor activity such as driving an UTV. It is dangerous to drive your UTV when the weather is bad or could potentially become bad. Before starting out on your UTV, check the weather forecast for the location and duration of your drive.

TERRAIN
Always pay close attention to the terrain you're on, even if it is in an area familiar to you. Do not assume that the landscape you're used to doesn't change. Changes to landscape can happen at any time: fences can be constructed and excavations dug in a short period of time. Weather, climate, and development take their toll, as well as erosion and other changes that can affect your UTV's ability to drive smoothly and surely.

Because terrain can constantly change in configuration, you may not know how it has changed until you get there. Whether it's familiar or not, check out your surroundings before and during your drive.

NIGHT RIDING
It is best to avoid driving your UTV at night when visibility is limited. With little to no light, it is difficult to see what is around you.

If you must drive at night, proceed slowly and never ride at a speed that would prevent you from reacting to something that could come up in the limited view of your UTV's headlights.

PAVED SURFACES
Avoid driving your UTV on paved surfaces. Your UTV was not designed for use on pavement and its handling will become more difficult and unpredictable than when riding on non-paved surfaces.
**SOUND JUDGMENT**

**DRIVING ON TRAILS**

Use sound judgment when driving your UTV on trails. You should only drive on trails that suit your driving ability. If the trail is very rugged, it may be best to find another route to your destination.

Make yourself visible to others by using your UTV’s headlights and taillights. If you stop, pull completely off the trail in a way to protect yourself, your passenger, your UTV and the environment.

Outsloped trails (trails that slant to allow rain to run off) make driving on trails more challenging. To drive on outsloped trails, keep the UTV steered towards the uphill of the slope. Proceeding slowly with your vehicle aimed towards the slope will help you from sliding off the trail.

Be aware of the rules and the laws that govern the area in which you will be driving your UTV. Learn which trails you can legally and safely drive on, and who else might be on those trails. The signs shown on this page are examples of those currently used in many areas to designate trail types and restrictions.

**TRAIL SIGNS**

*Symbols*

**TWO-WHEEL MOTOR VEHICLE**
**HIGH CLEARANCE VEHICLE 4x4 & TRUCK**
**SNOWMOBILE**
**OPEN ROUTE** Not always used, refer to map

**Automobile**

**National Forest Route Markers**

- 13: Roads maintained for LOW clearance vehicles such as automobiles and motorhomes
- 214: Road maintained for HIGH clearance vehicles.

**WARNING** Indicates a potential hazard that could result in serious injury or death.
THOSE AROUND YOU
People do all kinds of things that you can't predict or control. Be aware of others and their behavior, as it can affect your enjoyment and safety when you drive your UTV.

RIDING COMPANIONS
Always leave a lot of space between you and other vehicles, especially in dusty and dirty conditions, when it is difficult to see the vehicles in front of you stopping or avoiding obstacles.

Driving with a group of UTV riders is not the same as driving your UTV alone. You must be more alert, as you cannot predict the actions of the other drivers. Other drivers can also be a distraction keeping you from properly scanning the terrain on which you are driving.

MULTIPLE PASSENGERS
You should never carry more than one passenger on your UTV. Multiple passengers are prohibited, as it is unsafe for a number of reasons. One critical reason is the extra weight of the extra passenger, even a small person, makes the UTV difficult to control.

OTHER VEHICLES
Depending on where you're driving, you might encounter other UTVs, ATVs, motorcycles, bicycles, or large motor vehicles on roads and trails. Respect the presence of automobiles and other vehicles if you're crossing roads or riding in public areas.

HIKERS
Even though your UTV can take you to remote areas, don't assume that you are alone. Many people participate in hiking, camping, and other outdoor activities, and these people may be in remote areas where you would not expect them. For your safety and theirs, be alert at all times.

EQUESTRIANS
Many people enjoy horses. The trails that are enjoyable for UTV recreation are also well suited for equestrian riding. Watch for horseback riders and provide them a wide berth so you do not startle their horses. Approach slowly and if you see the horse react to your UTV's presence, stop immediately and turn off the engine until the horse and rider have left the area.

ANIMALS AND NATURE
Respect the outdoors that your UTV enables you to enjoy. Don't use your UTV to chase animals or birds. Drive around young trees rather than over them. Keep clear of streams and ditches with standing water.

Tread Lightly and leave the environment as you found it.
EQUIPMENT
The last thing you would expect is that your KYMCO UTV would break down in the middle of a field. KYMCO products are usually so reliable that sometimes you forget that your UTV, like any machine, has service needs and usage limitations.

UTV MAINTENANCE
You have to maintain your UTV for your safety, its operational integrity and to protect your investment. The General Maintenance section of this Owner's Manual tells you how to take care of your UTV. If at any time abnormal noises, vibrations, or improper operation of any component on your UTV is detected, DO NOT OPERATE YOUR UTV. Take your UTV to an authorized KYMCO dealer for inspection, adjustment or repair.

CARGO LIMITATIONS
One of the reasons why multiple passengers are prohibited on UTVs is because their presence disrupts the weight and balance of the vehicle. Cargo will do the same if it weighs too much or is positioned improperly. Limit your UXV500iG to the load capacity ratings identified in the chart on the following page. So if you, your passenger and your load weighs over 771 lb (350 kg), leave some of that extra cargo at home. The combined weight limit, including you, your passenger, your UTV's bed cargo, and your trailer, is a specific amount, so consult the UTV Load Capacity Ratings Chart and adjust your load accordingly.

Think about these factors when dealing with cargo:
1. Cargo bed weight limit
2. Trailer weight limit
3. Weight distribution
4. UTV speed

PERSONAL CHOICES
A safe, enjoyable UTV drive is dependent on many personal choices. A UTV, like all motorized vehicles, can be dangerous to operate if you choose to ignore safety precautions, take unnecessary chances, or ride beyond your ability or your machine's capability. Don't allow the thrill of freedom or adventure to affect your ability to make good, safe choices.
KYMCO UXV500i-G Load Capacity Ratings

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<th>Item</th>
<th>Specifications</th>
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<tr>
<td>Max Load Capacity</td>
<td>772 lb. (350 Kg)</td>
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<tr>
<td>Cargo Bed - maximum</td>
<td>419 lb. (190 Kg)</td>
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<tr>
<td>Tongue Weight</td>
<td>35 lb. (16 Kg)</td>
</tr>
<tr>
<td>Tongue &amp; Cargo Bed Weight - maximum</td>
<td>454 lb. (206 Kg)</td>
</tr>
<tr>
<td>Towing Capacity</td>
<td>1212 lb. (550 Kg)</td>
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</tbody>
</table>

**Max Load Capacity** - Total weight of rider, passenger, tongue weight, and cargo bed load.

**Cargo Bed Weight** - Total weight for items in the cargo bed.

**Tongue Weight** - Weight on trailer hitch.

**Tongue and Cargo Bed Weight** - Total weight on trailer hitch plus the cargo bed load.

**Towing Capacity** - Total weight of trailer and all cargo in the trailer.

---

**ACCESSORY INSTALLATION**

When installing accessories on your UTV, make sure to read and carefully follow the instructions provided with the items.

- **NOTE**: Use extra caution when operating your UTV with additional loads such as accessories and/or cargo. Handling of your UTV may be adversely affected. Reduce speed when adding additional loads.

---

**WARNING**

**POTENTIAL HAZARD**
Overloading your UTV or carrying loads or towing cargo improperly.

**WHAT CAN HAPPEN**
Improper loading and towing could cause changes in your UTV's handling characteristics, which could lead to an accident.

**HOW TO AVOID THIS HAZARD**
Never exceed the stated load capacity of your UXV500iG (as noted in this Owner's Manual). Cargo should be properly distributed and securely attached. To aid in controlling your UTV, reduce speed when carrying cargo or pulling a trailer, and allow greater distances for braking. Always follow the instructions and recommendations in this Owner's Manual for carrying cargo or pulling a trailer.
ALCOHOL AND DRUG CONSUMPTION

Alcohol is related to over 30% of the motor vehicle accidents in the United States. It is extremely dangerous to drink alcoholic beverages and drive a UTV. Alcohol, even in moderation, severely impairs your ability to control an UTV.

Substances to avoid when driving:
1. Alcohol
2. Over-the-counter or prescription drugs
3. Illegal/mood altering drugs

Be aware that prescription and over-the-counter medications can cause drowsiness and impaired judgment. A wide range of medications, including allergy, cold, flu, and headache medications, will affect your physical abilities and judgment.

Your physical size and weight will not minimize the effects of even one antihistamine tablet, so use extreme care if you need to take medications before you plan to drive your UTV.

Illegal drugs not only inhibit your judgment and ability to drive your UTV, but there can be severe legal consequences if you are confronted by law enforcement authorities. The same is true for excessive alcohol use, so never use alcohol or drugs before or during your UTV drive.

THE EFFECTS OF ALCOHOL*
The Number of Drinks that Impair Mental and Physical Abilities

1 to 2 DRINKS Mental processes such as restraint, awareness, concentration, and judgment are affected, reaction time slowed; inability to perform complicated tasks.

3 to 4 DRINKS Depth perception, glare recovery, eye movement, and focus affected; decreased judgment and control.

5 or more DRINKS Coordination deteriorates; loss of critical judgment, and impaired memory and comprehension.

*According to the ATV Safety Institute

WARNING
INDICATES A POTENTIAL HAZARD THAT COULD RESULT IN SERIOUS INJURY OR DEATH.
SOUND JUDGMENT

YOUR PHYSICAL CONDITION
Being physically exhausted is like being intoxicated. When fatigued, you will not be able to perform detail-oriented tasks and your coordination will be affected. This will severely inhibit your ability to drive your UTV safely.

Do not drive:
1. Your UTV when you’re tired

RECKLESS DRIVING
Drivers who have a UTV accident when speeding have a significant chance of being hospitalized from the resulting injuries. The faster you drive your UTV, the more likely a crash can injure your head and internal organs. Avoid stunts and uncontrolled riding such as wheelies and jumps that reduce your control and can create greater injuries or even death if you crash your UTV.

LAWS AND REGULATIONS
Any law enforcement officer will tell you that ignorance of the law is no excuse for improper behavior. Before operating your UTV, check out your local, state, or provincial off-road laws. Before starting a drive, make sure that you can legally drive in the proposed area. Be a good off-road citizen: Illegal or irresponsible driving will cause authorities and landowners to close the area.

GROUP BEHAVIOR
It is a proven psychological fact that people will do irresponsible and riskier things in a group that they would never consider doing when they are alone. When you are driving your UTV with other drivers, use extra care and sound judgment to make sure that the activities do not get out of hand. Being wise and responsible is the best way for you and your riding friends to avoid injury or even death from a UTV accident.

SIPDE
Individually, the safe behaviors and sound judgments listed in this manual will have limited impact, but combined they become the foundation of safe and responsible UTV use. When you're paying attention to your physical condition, when you're monitoring the movements of your UTV, and when you're constantly evaluating your environment you are practicing SIPDE.

This acronym means:

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<td>SCAN / SEARCH</td>
<td>IDENTIFY HAZARDS</td>
<td>PREDICT WHAT WILL HAPPEN</td>
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WARNING INDICATES A POTENTIAL HAZARD THAT COULD RESULT IN SERIOUS INJURY OR DEATH.
SUPERVISION

OVERVIEW
When you allow others to drive your UXV500iG you become responsible for their safety and their actions. The driving ability of your guests, their awareness of proper UTV operation, the terrain, and the condition of your UTV must be factored into your decision to allow others to operate your UTV. Additionally, you can be legally responsible for the actions your guests may take while driving your UTV.

TAKING RESPONSIBILITY
The final letter in the "PASS" acronym stands for SUPERVISION. As outlined in this manual, there are a number of elements for enjoyable and safe UTV driving and ownership. As the owner of a UTV, you are directly responsible to supervise its use.

INEXPERIENCED/UNTRAINED RIDERS
Never let anyone who has not been educated in proper and safe UTV operation to drive your UXV500iG. Even guests who own an UTV or who have prior driving experience may not have the foundation of a formal training course that would have educated them about safe UTV operation. As the vehicle owner, it is your responsibility to keep uneducated guests (especially children or those who lack an automobile operator's license) out of your UTV.

EXPERIENCED/TRAINED DRIVERS
When anyone borrows your UTV, you become responsible to supervise them and control their actions. Before a guest drives your UXV500iG, have them take a UTV training course and have them read this Owner's Manual. As the owner of the UTV, you are responsible for their training.

Not every UTV operates in the same way or has the same handling characteristics that your vehicle possesses. The seating position may be different, the controls may differ, and the power delivery will vary from brand and model of UTV. So regardless of how much experience your guests may have with UTV's in general, they don't have experience with your vehicle. Spend time with your guests to make sure they are familiar and comfortable with the operation of your UTV before you let them use it.
GENERATOR SAFETY INFORMATION

Your UXV500iG is a unique vehicle as it is a quality UTV equipped with a compact, onboard generator. The same engine that propels the UXV500iG as a vehicle also provides rotational force to the onboard generator so it can produce electricity. KYMCO has engineered a special control system to switch between these functions. Because of the electrical output of the generator and its control system you must carefully review this section of your UXV500iG's Owner's Manual so you can easily and safely use the generator.

Additional alert icons are employed in this manual to bring your attention to safety-related precautions related to the on-board generator system. When reading the manual and familiarizing yourself with the operation of the onboard generator pay particular attention to the information emphasized by these icons.

Avoid a particular action !

Do not disassemble !

Remove the plug from the outlet!

Do not get wet !

Follow the instructions !

Do not operate with wet hands !

Avoid fire !
GENERATOR SAFETY WARNINGS

WARNING

This manual must be readily accessible to anyone who may operate the vehicle or its on-board generator system. When operating the UTV or its on-board generator system, follow these safety precautions:

- Never operate the vehicle or the generator in an area where airborne particulates such as oil mist or metal dust is in the atmosphere. This could result in fire or an electrical shock.
- Never operate the vehicle or the generator near an open flame or where combustible materials or fluids are located. This could result in fire or an explosive situation.
- Never use water or another fluid to wash or clean the generator control panel or its electrical output sockets (outlets). This could result in fire or an electrical shock.
- Never disassemble, modify or attempt to repair the vehicle or its generator system yourself. This could result in fire or an electrical shock. For any service or repair, contact a KYMCO ATV dealer for assistance.
- Never touch the generator control panel, any wiring or other electrical components on the vehicle with wet hands. This will cause an electrical shock.
- Disconnect and remove any cords or electrical devices plugged into the generator console before driving the vehicle. Unplug all devices and shut down the generator operation before shifting the transmission from PARK. Electrical cords could interfere with your ability to control the vehicle can cause an accident.

NOTE: Read the following pages for safety information related to generator operation.
GENERAL SAFETY PRECAUTIONS WHEN USING THE GENERATOR

Safety precautions for when the on-board generator system is engaged. When operating the UTV’s on-board generator system, follow these safety precautions:

1. Never operate the generator indoors or an enclosed space.
2. Never operate the generator if it is raining, snowing, or thunder and lightning is present.
3. Never connect the generator to a main household circuit.
4. Keep flammable materials away from the vehicle while the engine and generator are in operation.
5. Always stop the engine and turn off the ignition before adding fuel.
6. Never insert a finger, a tool, or any foreign object into the generator’s electric sockets.
7. Never remove any protective cover from vehicle. Exposed engine or generator components could injure you or others.
8. Stop the engine and generator immediately if the generator or its electrical system is operating abnormally or malfunctions. The electrical plug must be pulled out as long as it is not used for a long time.
9. The vehicle should be operated at open space or ventilated space.
10. Stop the generator immediately if an electrical shock affects a person or an object.
11. Never modify any portion of the generator system or the vehicle (see a KYMCO dealer for all repair needs).
12. Do not use the generator to power solid-state electronic devices (such as a computer, radio, television, and other personal electronics.)
13. Connect the ground wire before operating the generator. The ground wire must not touch any of the sockets or other components on the vehicle.

NOTE: When the generator is engaged, the vehicle’s electronic control unit will set the engine speed between 3500 - 4000 RPM. When this occurs, the LCD tachometer will flash as it displays the engine speed.
LOCATION PRECAUTIONS FOR VEHICLE, GENERATOR & EQUIPMENT OPERATION

Safety precautions for selecting a operating environment for your vehicle and its on-board generator system. When selecting an area for operating your UTV’s on-board generator system, follow these safety recommendations:

1. Select an operational area that is free of oil, fuel, oil fumes or fuel vapor.
2. Avoid areas with soil that has a high salinity content, such as coastal area.
3. Avoid areas filled with sulfide gas, such as hot spring area.
4. Avoid areas where strong wind and blowing sand will occur.
5. Avoid areas with deep snow, especially if it may cover the vehicle.
6. Make sure the operational area is free of debris, dry weeds, and trees that shed leaves.
7. During operation, the generator can create electronic interference. Keep the vehicle several meters away from radio transmitters, video facilities or other telecommunication equipment. An operating generator may cause interference to broadcast images or sound.
8. Certain medical devices may also be affected by the generator’s electronic interference. People dependent on such devices should keep several meters away from the vehicle when the generator is operating.

Be mindful and consider how the sounds produced by your vehicle will affect others. When selecting an area for operating your UTV’s on-board generator system, be aware that sounds from the vehicle can affect fellow humans and nearby animals:

1. The location can fully withstand the weight of the vehicle, and is not constructed in a way that will amplify engine sounds and vibration.
2. The location can fully tolerate external wind sounds and the exhaust sound from the running vehicle, and both will not negatively affect neighbors.
OPERATIONAL PRECAUTIONS FOR VEHICLE, GENERATOR & EQUIPMENT (1/2)

Safety precautions for operating your vehicle and its on-board generator system. When operating your UTV’s on-board generator system, follow these safety recommendations:

1. Do not operate the on-board generator if the engine oil level is low. This vehicle is equipped with a warning system to alert the operator if the engine’s oil level is low. If the oil level is low, the oil level alert icon on the dash will illuminate. If the alert indicates low a low oil level situation, resolve the problem before engaging the generator or driving the vehicle.

2. Do not attempt to alter the factory-set controls or sensors related to generator function. Generator voltage, current, water temperature, oil pressure and control parameters are already tuned to produce accurate and safe outputs.

3. Always connect the ground wire to a good ground-conducting fixture. Double check the connection before starting the generator. A poor ground connection can cause an electric shock. Do not connect the ground wire to gas pipes, water pipes, lightning rods, telephone junction boxes or any electrical equipment ground circuits.

4. Keep fluids away from the generator’s control console. Do not place any beverages on top of or beside the control console cover or other equipment that may be connected to the generator. Fluids flowing into a socket or a control on the console into the socket of console can cause an electric shock, a short circuit or other component damage.

5. When washing the vehicle, do not allow water to get onto the generator control panel. Keep the generator control panel cover closed whenever the generator is not in use.

6. If the generator control panel does get wet, do not operate the generator. A wet control panel can cause an electrical shock or cause a n electrical short what can damage the generator or its control system.
OPERATIONAL PRECAUTIONS FOR VEHICLE, GENERATOR & EQUIPMENT (2/2)

Safety precautions for operating your vehicle and its on-board generator system. Continued:

7. If the panel gets wet, wipe away any surface moisture and allow the panel to dry completely before attempting to operate the generator. If you are uncertain if the control panel is adequately dry enough to permit safe generator operation, contact your KYMCO dealer for assistance.

8. If the generator, or any connected device, begins to operate abnormally press the emergency stop button immediately to stop the electrical output. Resolve the cause of the abnormal operation before using the generator again.

9. If a storm occurs where there is thunder and lightning present, stop using the generator immediately.

13. During operation the generator produces a strong magnetic field. Long term use of the generator as a power source can cause damage to certain electrical devices (such as personal electronics).

11. Never move the vehicle when the generator is operating. This could cause injury to the operator and others and potentially damage equipment connected to the generator.

12. Make sure all electrical cords are disconnected and are stowed neatly away before moving the vehicle after generator use.

13. Never park the vehicle near flammable material (such as dry leaves, tall grass or paper debris). Take extra care to avoid these materials when the generator is in use.

14. When parking the vehicle for generator operation, select a level area. Engage the parking brake and block the wheels with suitable wheel chocks.
ELECTRICAL CORD & SOCKET PRECAUTIONS FOR GENERATOR & EQUIPMENT

Safety precautions for using electrical cords and connecting them to the generator’s output sockets:

1. Never use or connect a damaged electrical cord to any of the generator’s output sockets.

2. When connecting and routing a cord that will be connected to the generator, avoid excessive cord length, excessive bending, stretching or twisting of the cord.

3. Do not use a cord to suspend other objects and never use a cord as a rope. Heavy objects should not be placed on the cord and no objects should be clamped or attached to the cord.

4. Never use a cord that has damage to its outer sheath, inner insulation or wires. If the male or female plugs at the ends of the cord are loose or damaged, replace the cord immediately.

5. If the male plug of the cord is loose in the generator socket, do not use the cord and replace it immediately.

6. If the generator socket does not provide a snug fit to the male plug on an electrical cord in good condition, do not use the generator and see your KYMCO dealer for repair of the socket.

7. When connecting the electrical cord verify the voltage rating of the equipment. Be sure to properly choose between the 110V and 220V sockets before plugging in any electrical cord.

8. Never use bare wires to obtain power from the generator’s sockets. Never connect a cord with a modified plug.

9. Never connect a multi-socket adaptor or international voltage adapters to the generator’s output sockets.
Thank you for choosing this quality KYMCO UTV. It has been designed and manufactured to provide you with reliable and enjoyable operation. This Owner's Manual should be considered a permanent part of your UTV and must remain with the vehicle in the event of a resale. If the UTV changes ownership, contact the KYMCO USA Customer Service Department for information on how to register the new owner.

Section 2 of this manual was prepared by the engineers and service staff of KYMCO to provide you with the information required to operate and maintain your UTV. This section also covers rider-related instructions, as well as service and storage instructions. If your UTV ever requires repairs or service, contact an authorized KYMCO dealer for professional service.

As the owner and driver of a KYMCO UTV, you should become thoroughly familiar with your vehicle’s basic operation, maintenance and storage procedures. Please read and understand the entire Owner's Manual before operating your KYMCO UTV to ensure safe and proper use. Always operate your UTV within your level of skill and current terrain conditions.

At the time of publication, all of the information and illustrations in this manual are technically correct. Some illustrations herein are used to best represent a certain procedure or item and are not intended to depict actual conditions. Because KYMCO is constantly refining and improving its products, there may be differences between the vehicle images and the text depicted in this manual and your UTV. As such, no retroactive obligation to the product is available.

PARTS AND ACCESSORIES

When you need replacement parts, oil, or accessories for your KYMCO UTV, be sure to use only GENUINE KYMCO PARTS, OIL, AND ACCESSORIES. Genuine KYMCO parts, oil, and accessories have been engineered and approved to meet the standards and requirements of your KYMCO UTV. For a complete list of accessories, refer to the current KYMCO Accessory Catalog. To aid in service and maintenance procedures on this vehicle, a Service Manual and an Illustrated Parts Manual are also available from your local KYMCO dealer.
UXV500i-G SPECIFICATIONS* (1/2)

ENGINE & DRIVE

Engine type............................Four-Cycle/Water Cooled DOHC
Bore x Stroke ......................... 92 mm x 75.4 mm (3.62 x 2.97 in.)
Displacement ......................... 501 cc (30.42 cu in.)
Compression ratio.................. 10.7:1
Ignition type ...................... DC, CDI
Spark Plug type .................. NGK CR7E
Spark Plug gap .................... 0.7 - 0.8 mm (0.027- 0.031 in.)
Brake type ......................... Hydraulic Front & Rear Unified
Intake system type ............. KYMCO EFI
Spark Plug gap .................... 0.7 - 0.8 mm (0.027- 0.031 in.)
Brake type ......................... Hydraulic Front & Rear Unified
with Parking Brake
Intake system type .............. KYMCO EFI
Air filter type ................... Sponge element (oiled)
Transmission type: ......... V-belt Automatic
Clutch type ....................... Wet, Centrifugal Automatic
Primary drive ..................... V-belt
Secondary drive .................. Shaft drive

CHASSIS

Length (Overall) .............. 2870 mm (113.0 in.)
Height (Overall) ............... 1822 mm (71.73 in.)
Width (Overall) .................. 1500 mm (59.1 in.)
Dry Weight (Approx) .......... 1296 lb (588 kg)
Suspension Travel .............. 190 mm (7.5 in.)
Wheelbase .......................... 1910 mm (75.2 in.)
Tire Size (Front) .............. 25 x 8-12
Tire Size (Rear) ............... 25 x 10-12
Tire Inflation Pressure .......... F: 10.0 psi (0.7 kg/cm2)
.................................. R: 14.0 psi (0.98 kg/cm2)

FLUIDS

Gas Tank Capacity ............. 8.45 U.S. Gal. (32 L)
Gasoline (Recommended) ..... 87 Octane
Regular Unleaded
Engine Oil (Recommended) ... SAE 5W-30
Engine Oil Capacity .......... 3.8 U.S. qt (3.6 L)
FOR OIL CHANGE ........... 3.2 U.S. qt (3.0 L)
Differential Capacity ......... Front: 0.285 U.S. qt (0.27 L) SAE#80
FOR FLUID CHANGE ........ 0.264 U.S. qt (0.25 L) SAE#80
Rear 0.285 U.S. qt (0.27 L) SAE#80
FOR FLUID CHANGE ........ 0.264 U.S. qt (0.25 L) SAE#80

* Specifications subject to change without notice.
UXV500i-G SPECIFICATIONS* (2/2)

**ELECTRICAL**

Battery ................................... MF-VTX20l (12V18AH)
Charging output ......................... 310 W @ 5,000 RPM

EXCLUDES GENERATOR SYSTEM

Headlight ................................ 12V/35/35W (2)
Taillight/Brakelight ..................... 12V/5W/21W (2)
Position light ........................... 12V/5W/21W (2)

**ELECTRICAL - FUSES**

Main fuse ................................. 30A
Fan motor fuse .......................... 15A
Ignition fuse ............................. 15A
Lights fuse ............................... 15A
Accessory fuse ........................... 15A
Fuel pump fuse .......................... 15A
Generator control fuse .......... 10A
Spare fuses .............................. 30A, 15A & 10A

EXCLUDES GENERATOR SYSTEM

**GENERATOR**

Rated output ........................... 4.5 KW @ 3,600 RPM
Type ....................................... Capacitor, self-excited
Capacitors ............................... 50uF / 350 VAC

**GFCI**

Rated capacity ...................... 30
Sensitivity current ................... 30mA
Over-current circuit breaker,
Rated current ...................... 18A

**OUTPUT SOCKETS**

AC 110VAC ............................... 20A
AC 220VAC ............................... 20A

* Specifications subject to change without notice.
FEATURES & CONTROLS

BRAKE PEDAL
Your KYMCO UTV is equipped with front and rear hydraulic brakes that are activated simultaneously by the brake pedal. Depress the brake pedal ① to slow or stop the vehicle.

ACCELERATOR PEDAL
(Throttle pedal)
Push the accelerator pedal ② down to increase the engine’s speed. Spring pressure will return the pedal to its original position when foot pressure is released.

- NOTE: Always check to make sure the accelerator pedal returns normally before starting the engine. Make sure there is adequate accelerator pedal free play before starting the engine.

GEAR SHIFT LEVER
To change gears, stop the vehicle and allow the engine to idle, then move the lever into the desired gear. Do not attempt to shift gears if the engine speed is above idle or if the vehicle is moving.
NOTE: Always turn off the engine, place the transmission in gear and engage the parking brake whenever you leave the UTV unattended.

NOTE: Maintaining proper gear shift linkage adjustment is required for proper transmission function. Contact your KYMCO dealer if you experience any shifting difficulty.

PARKING BRAKE
Your UTV is equipped with a hand-operated parking brake. When engaged the parking brake will lock all four wheels on the vehicle.

Engaging the Parking Brake
To engage the parking brake, pull the handle ③ outward until resistance is felt (indicating that locking pressure is being applied to the brakes).

Use the following procedure to verify that the parking brake has locked the wheels when engaged:

1. Pull the parking brake handle outward until it stops and locks in place
2. Attempt to push the UTV

NOTE: The parking brake must lock the UTV’s wheels. If it does not, take your UXV500iG to an authorized KYMCO dealer for service.

Releasing the Parking Brake
To release the parking brake, pull up on the handle and press the release button ⑤ (opposite page). Spring pressure will pull the handle inward as the parking brake is released.

NOTE: The parking brake handle will click several times and lock as you pull the handle outward. When the parking brake is engaged, the ① symbol ④ will illuminate on the dash.
NOTE: The parking brake handle must fully retreat into its housing and the wheels must roll freely after the parking brake is released. If it does not, take your UXV500iG to an authorized KYMCO dealer for service.

WARNING
Always make sure that the parking brake has been disengaged before operating your UTV. An accident can result if the parking brake is left engaged while the UTV is driven. Never rely on the parking brake as the sole means of securing the UTV when parking on a hill. Always block the downhill side of the UTV’s wheels or park the UTV perpendicular to the hillside.

DIFFERENTIAL LOCK LEVER & INDICATOR
Your UXV500iG is equipped with a lockable differential that allows you to choose between “open differential” or a “locked differential” for use in low-traction situations.

NOTE: Only use the differential lock when you need to maximize the tractive force to the UTV’s wheels. When the differential lock is engaged steering effort will be increased.

To lock the differential in the 4WD mode, press in and rotate the 2WD/4WD & Differential Lock Knob to the 4WD LOCK position.

NOTE: When the differential is locked, the “LOCK” icon will illuminate on the dash.
FEATURES & CONTROLS

FUEL TANK FILLER
To add fuel to your UXV500iG, follow this procedure:

1. Pull the fuel cap protective flap 1 back to expose the key slot
2. Insert the glove box/fuel cap key into the slot 2 and rotate counterclockwise to unlock the cap
3. Once unlocked, lift the cap from the fuel filler neck

NOTE: Be careful where you place the removed fuel tank cap so dirt or other debris does not get onto the cap and ultimately into the fuel tank were it can contaminate the gasoline.

**WARNING**
Do not add gasoline to the vehicle if the engine is running. Stop the engine and turn off the ignition before fueling. Gasoline is highly flammable and should be kept away from sparks, flame and other ignition sources.

**CAUTION**
Do not overfill the fuel tank. Stop the fuel level at the reference plate near the top of the fuel filler neck. Overfilling the fuel tank can cause gasoline to contaminate the vehicle Evaporative Emission System and may cause poor running. If this occurs, contact your KYMCO dealer.

4. To replace the fuel filler cap, press it back into place on the fuel filler neck
5. Rotate the key clockwise to “lock” the cap into place
6. Remove the key and close the protective flap
FEATURES & CONTROLS

SEAT REMOVAL
The seats on your UXV500iG can be removed from the chassis for cleaning or service.

To remove the seat, pull up on the front edge of the seat to release its location pins from the chassis grommets.

To install the seat, slide the seats' tabs into the corresponding slots on the chassis and then press the front edge down until the location pins are firmly seated into the grommets on the chassis.

SEAT BELTS
Your UXV500iG is equipped with lap-shoulder seat belts for the driver and the 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.

To secure the seat belt, insert the end tab into the latch until you feel the latch mechanism “click” as it secures the tab. To release the seat belt, press the release button on the seat belt latch and pull the tab from the latch.

HEAD CUSHIONS
Your UXV500iG has head cushions for the driver and the passenger attached to the vehicle’s canopy.

To adjust the cushions’ location, remove the three screws that secure each cushion to the canopy. Set the cushion to the desired height and reinstall the screws, tightening them securely.

WARNING
Never drive your UTV without fastening your seat belt. Passengers should wear their seat belt any time the vehicle is in motion. The shoulder portion of the seat belt is designed to cross diagonally on the driver’s or passenger’s torso. Failure to use the seat belt, or to use it properly, may cause the driver or the passenger to be ejected from the vehicle causing serious injury or death.
FEATURES & CONTROLS

CARGO BED

Opening & Closing the Tailgate
Your UXV500iG’s cargo bed has a tailgate which can be unlatched to ease the loading and unloading of cargo.

To open the tailgate, release both of the latches ① by pulling the lever outward and disengage the wire hoop ② from the hook on the cargo bed. Once the latches are released, pull the top of the tailgate towards you (it is hinged on its bottom edge).

To close the tailgate, lift it back up and secure both of the latches.

Tilting the Cargo Bed
Your UXV500iG’s cargo bed can tilt to aid in the removal of loose cargo, such as gravel.

To tilt the cargo bed, slide the release lever ③ to the right and lift up on the forward edge of the bed (it is hinged at its back edge). Lift the bed up slowly until it reaches its stop.

To return the cargo bed to its normal position, press down on the front of the bed until it seats to the frame and the release latch is reengaged. After the latch is engaged, lift up on the bed to make sure it is secured.

- Cargo bed maximum load capacity: 418 lb (190 kg)

⚠️ 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 & CONTROLS

HOOD
You can open the hood on your UXV500iG to perform maintenance-related tasks.

To open the hood, unhook the two rubber hood latches ① and release the six plastic fasteners ②. Press the center of the plastic fastener to release it and pull if from the hood and the fender. Lift on the back of the hood to raise it (it is hinged in the front).

To close the hood, carefully lower it back into place on the chassis. Hook the rubber hood latches ③. Reset the plastic fasteners ④ and insert them back into the holes in the hood, the dash, and the fender extensions. Set the fastener by pressing the center pin down so it is flush with the fastener’s button head.

SWITCHES
Ignition Switch
The UXV500iG ignition switch is a three-position, key-operated switch. The key can be removed from the switch when it is in the OFF position.

OFF:
Engine is off. All electrical circuits are off (except accessory circuit).

ON:
The engine can run as the ignition is powered. The electrical circuits are on.

START:
The starter motor is engaged by turning and holding the switch in this position. Once released, the switch will return to the ON position.

CAUTION
Allow thirty seconds between starting attempts to allow the starting motor to cool. Continuous starting attempts will result in overheating and damage to the starting motor.
FEATURES & CONTROLS

Light Switch
The UXV500iG light switch is a four-position switch. The ignition switch must be ON to power the light circuit. Rotate the switch to select the lighting required for the driving situation.

1. LIGHTS OFF 1:
   In the position, the lights are OFF.

2. POSITION LIGHT ON 2:
   The lights are OFF (not a feature on US-market model).

3. LOW-BEAM HEADLIGHT ON 3:
   In this position the low-beam of the headlights are ON.

4. HIGH-BEAM HEADLIGHT ON 4:
   In this position the high-beam of the headlights are ON.

2WD / 4WD Knob
The UXV500iG is equipped with an remote, electric system to shift the differential between two-wheel and four-wheel drive modes. Rotate and then press the 2WD/4WD knob to select the desired drive mode (see images at right).

5. 2WD ⑤:
   In the position, the differential will select 2WD mode (rear wheels only).

6. 4WD ⑥:
   In the position, the differential will select 4WD mode (all wheels are driven). The icon “4WD” will display on the LCD speedometer ⑦.

NOTE: See page 57 for information on the 4WD Differential Lock position of the 2WD/4WD knob and its icon indication on the LCD speedometer.
FEATURES & CONTROLS

GENERATOR EMERGENCY BUTTON
The UXV500iG is equipped with a large, plunger-style button that will emergency stop the onboard generator. The button ① is located on the left side of the main dashboard.

To stop a generator, push the button all the way in until generator functions cease. To re-enable the generator functions, pull the button outward.

AUXILIARY POWER OUTLET
Your UXV500iG is equipped with a SAE 12VDC power outlet (cigarette lighter socket) to provide power to electrical accessories.

This power socket obtains its electricity from the vehicle’s battery and is separate from the electrical power supplied by the onboard generator system.

This power outlet ⑦ provides fused power (15A) at all times. Additional spade-type connectors are available on the outlet on the back side of the dash to provide a more permanent source of accessory electrical power.

CAUTION
No not use items that will exceed the amperage capacity of the auxiliary power outlet or connectors. The maximum capability of this circuit is 15A (180 W). It would be acceptable to power items such as a winch control relay, however a winch motor would exceed the circuit’s capacity. Follow accessory wiring instructions explicitly to prevent damage to your UXV500iG. If you need assistance installing accessories properly, consult your KYMCO dealer.

WARNING
Be sure to disconnect any wires or electrical equipment and resolve the situation that created the need to press the emergency stop button before reengaging the generator.
MULTIFUNCTION METER
Your UXV500iG is equipped with a multifunction meter on its dashboard that includes speedometer, odometer, indicator lamps and other operational information and alerts. The multifunction meter becomes active when the ignition switch is in the ON position.

Indicator Lights
Indicator lights will provide you information about the operational status of several of the vehicles features and controls.

FEATURES & CONTROLS

LCD Indicator Icons & Meter Buttons
The Liquid Crystal Display (LCD) portion of the multifunction meter provides the driver with information such as vehicle speed, total miles operated, trip mileage, fuel level, time and drive mode.

There are two buttons that control other functions of the multifunction meter: the MODE and SET buttons. These buttons allow programming of certain multifunction meter features, such as the clock.
Multifunction Meter Operation
The UXV500i-G’s multifunction meter can be programmed to display speed in MPH or Km/H, distance traveled (tripmeter) and time (clock).

Use the **MODE** and **SET** buttons with procedures listed in the following sections to set and display the desired information.

**Speedometer: MPH -or- Km/H Display**
To toggle the multifunction meter’s speed display between MPH and Km/H, press down the **MODE** button 1 for two seconds. This will shift the display 2 between MPH or Km/H.

**Tripmeter: Selecting Odometer, “Trip A” or “Trip B”**
To toggle the multifunction meter’s odometer and tripmeter display, press hold the **SET** button 3 for two seconds and release. This will shift the display between the odometer and the tripmeter 4.
Clearing the Tripmeter
To clear the tripmeter’s mileage, select the trip meter you wish to clear, then press and hold the MODE button ① and SET button ② simultaneously for two seconds. This will clear the mileage (“zero the tripmeter”) on the selected tripmeter display ③.

Setting the Clock
To set the clock’s time, cycle the odometer/tripmeter until the odometer mileage is displayed. Then press and hold the MODE button ① and SET button ② simultaneously until the clock display ④ begins to flash.

Once the clock display is flashing, you can set the hours and the minutes. Press the MODE button to change the HOURS setting. Press the SET button to change the MINUTES setting.

Once you have set the desired time, press and hold the SET and MODE buttons simultaneously to complete the clock setting (the clock display will stop flashing).
GENERATOR OPERATION  GENERATOR CONTROL PANEL COMPONENTS

1. V-Mode Selector Switch
2. G-Mode Selector Switch
3. Ground Screw
4. Voltage Monitor Switch
5. Voltage Meter (display)
6. Generator Status Light
7. Circuit Breaker - 110V
8. Circuit Breaker - 220V
9. Output Socket - 220V
10. Main Generator Status Light
11. Generator Warning Light
12. Main Generator Switch (keyed)
13. GFCI (Ground Fault Main Switch)
14. Output Sockets - 110V
1. Headlight Switch Relay
2. Automatic G-Mode Relay
3. Solenoid Valve Relay
4. Generator ECU Relay
5. REB Relay
6. G-MODE LED Relay
7. Headlight OFF Switch Relay
8. Main Switch Relay
9. V & G-Mode Relay
10. REA Relay
11. Generator Rating Label
12. Generator Use Warning Label

**WARNING**

Never operate this product in an enclosed space!
Always follow proper grounding instructions according to local requirements!
To start and operate the generator, follow this procedure:

**STEP 1** Stop vehicle and allow engine to idle.

**STEP 2** Move the gear shift lever to the "PARK" position (verify that the vehicle is in PARK via the icon on the dash).

**STEP 3** Engage the Parking Brake Lever.

**STEP 4** Verify that Emergency Stop Button has not been depressed (reset the button if needed).

**STEP 5** Verify the GFCI breaker is off and no cords or devices are plugged into any output socket.

**STEP 6** Verify that a ground wire has been connected to the Generator Control Panel and to a proper foundation (follow proper grounding procedures according to local requirements and statutes).

Insert the Generator Key and rotate the switch to the "ON" position.

The 'Safety Status' light below the Generator Key Switch will illuminate green if all safety criteria have been met and the generator is deemed ready for use.

If 'Safety Status' light is red, recheck STEPs 1 - 5.

Press the green button labeled with the letter "G" to engage the generator.

**NOTE:** The generator will not engage until the engine has reached the proper operating temperature. The 'Generator Systems Alarm' light will be illuminated in RED until the engine reaches operating temperature (once the operating temperature has been achieved the generator will automatically start).

**STEP 7** The engine will stop running and then will restart automatically in the "Generator Mode".

**STEP 8** Once the engine speed reaches approximately 3500 RPM and stabilizes, switch the GFCI to the "ON" position.

**STEP 9** Set the Voltage Monitor Switch to desired level (120V or 240V). The generator can now power equipment.

**NOTE:** During normal operation the Output Indicator Light will be continuously illuminated

**NOTE:** If a “Overload”, Short Circuit” or a “No Power” condition is indicated, turn off the generator immediately and resolve the case of the alert

**NOTE:** To prevent a device failure of an electrical shock, the generator’s ground wire must be connected to a proper foundation.
To stop the generator, follow this procedure:

**STEP 1**  Turn “OFF” the GFCI switch (once the switch is “OFF” disconnect any electrical cords and equipment plugged into the generator’s output sockets).

**STEP 2**  Press the V-Mode switch.

**STEP 3**  Verify that the Output Indicator Light goes out and then rotate the keyed generator switch to the “OFF” position.

**IN AN EMERGENCY SITUATION:**

1. Press the Emergency Button ① to stop the generator

**TO RESTART THE GENERATOR:**

2. Rotate the Emergency Button clockwise and pull up on it to reset the circuit

**IF THE FOLLOWING SITUATIONS OCCUR, RESTART THE GENERATOR:**

- Sudden engine stall
- Erratic engine speed
- The safety switch cannot be reset

**NOTE:** When the generator is powering an electric device a small amount of engine speed fluctuation is normal. Erratic engine speed is when the engine speed varies greatly or if the engine sounds as if it laboring under load.
To use the generator’s AC voltage output to power electrical devices, follow these recommendations:

- Verify that the generator operation is normal and the engine speed is constant without extreme variation.
- Select the proper voltage via the Voltage Monitor Switch and then verify the output voltage via the digital Voltage Meter before connecting the electrical device.
- Flip the GFCI Switch to the “ON” position.
- Make sure the electrical device is switched “OFF” before plugging it into the generator’s output socket.
- Plug the device into the appropriate output socket (based upon the voltage output you selected).
- Switch the electrical device “ON” to operate it.
Power outlet socket use precautions:

**WARNING**

- Do not use a multi-socket adapter (a splitter to add more sockets).
- Verify the polarity before using the generator’s to power an electrical device. Alternating Current (AC) has polarity designations, see the owner’s guide of the electrical device you intended to use.
- A damaged or corroded plug inserted into a output socket could result in a poor connection. A poor connection could create heat that can damage the socket and the generator control circuits.
- Never insert or remove a plug from the outlet socket if your hands are wet as this can cause an electrical shock. An electrical shock could cause injury or death.

Power outlet socket specifications:

1. 110V CIRCUIT: TWO TWIN SOCKETS < RATED (1.5 kW)
2. 220V CIRCUIT: SINGLE SOCKET < RATED (3.0 kW)
# GENERATOR OPERATION TROUBLESHOOTING (1/2)

## ELEMENTAL PROBLEMS - Common generator alerts and solutions:

<table>
<thead>
<tr>
<th>Problem</th>
<th>Solution</th>
</tr>
</thead>
</table>
| The main switch indicator light illuminated RED when the generator key is turned ON | Check the following components, verify that they are in the correct position: * Gearshift Lever is in the PARK position  
* The Parking Brake lever is up and locked  
* The accelerator pedal is not being depressed  
* The generator’s Emergency Stop button is OFF (in the out position) |
| The Safety Switch trips OFF                                             | * The generator may be at risk of overload - reduce the amount of electrical load  
* After reducing the load, wait three minutes and restart the generator                                                                 |
| The engine shuts off in G-MODE                                          | To reset: * Turn the Generator and the Main Ignition keyed switches to OFF  
* Turn the Main Ignition Switch ON and restart the engine  
* Use the Generator Switch and re-engage the G-MODE                                             |
| The Fault Indicator Light is illuminated RED                            | The engine temperature is low. Operate the engine without the generator so it can achieve the proper operating temperature. |
| The Fault Indicator Flashes (The KYMCO diagnostic tool will show the fault codes - see the table on page 80 of this manual) | There are anomalies or failures parts related to the generator. Stop using the generator immediately and return your vehicle to your KYMCO dealer for inspection. |

**NOTE:** If you encounter a fault that is not immediately and simply rectified by operating the vehicle or the generator as outlined in this manual, contact your KYMCO dealer for technical assistance.
MAJOR PROBLEMS - If any of the following phenomenons occur, contact your KYMCO dealer as soon as possible for technical assistance:

- A power cord has abnormal heat or odor.
- Abnormal sounds from the generator or engine during operation.
- Circuit breakers, fuses, or ground fault circuit breakers are tripped or short often.
- Operational switches, and buttons are not operating as intended.
- Unusual operation sounds from the generator due to surges in RPM.
- A burnt or chemical smell from the generator of the vehicle.
- Temperature alerts or visual evidence of heat-related problems.

PREPARING FOR KYMCO DEALER SUPPORT - Before seeking assistance from your KYMCO dealer, please prepare answers to the following questions. You should prepare notes so you do not forget to share something valuable with your dealer's service department. By being prepared and participating in the repair process your dealer can get you the assistance you require as soon as possible.

- What is the exact nature of the problem? Does it occur continuously or is it an intermittent occurrence?
- Did the problem trigger a fault code? What are the alerts and fault codes (see pages 78 & 80).
- How are you using the vehicle or the generator when the problem occurs? What is the surrounding environment?
- Can you recreate the problem easily? Can you demonstrate it safely at the dealership?
- Be sure to bring any service-related records that your dealer may need to help you (including your purchase and warranty documents).
### Generator Operation Error Codes

Listing of potential faults and resulting diagnostic codes. The faults listed in this table will cause the generator to disengage from the engine.

<table>
<thead>
<tr>
<th>Fault</th>
<th>Generator Shut-down</th>
<th>Fault Code</th>
<th>Fault Detection</th>
<th>Possible Fault Cause or Component</th>
</tr>
</thead>
<tbody>
<tr>
<td>Parking brake is not engaged</td>
<td>YES</td>
<td>0x0703</td>
<td>After pressing the power switch, pull the Parking Brake handle.</td>
<td>Operator error.</td>
</tr>
<tr>
<td>Gearshift Lever does not shift into PARK</td>
<td>YES</td>
<td>0x0730</td>
<td>After pressing the Power Switch, move the Gearshift Lever into PARK.</td>
<td>Gear Shift Lever is in incorrect position, or the Gear Shift mechanism or Gear Position Sensor are faulty</td>
</tr>
<tr>
<td>Abnormal generator temperature</td>
<td>YES</td>
<td>0x0195</td>
<td>After pressing the Power Switch, the Thermo Switch was not detected.</td>
<td>Temperature switch is not connected or its signals are abnormal, or the generator is overheating.</td>
</tr>
<tr>
<td>The accelerator pedal is accidently depressed</td>
<td>YES</td>
<td>0x0121</td>
<td>In G-mode operation, the throttle opening is exceeding the pre-set angle (50 degrees); the vehicle operator has accidently depressed the accelerator pedal.</td>
<td>Throttle wire continuity is faulty or improper throttle valve position is detected.</td>
</tr>
<tr>
<td>Generator clutch has incomplete engagement</td>
<td>YES</td>
<td>0x0721</td>
<td>Clutch motor engagement is completed before the starter motor engages the engine. Check if the generator speed is too low (800rpm) or is not engaged properly (within two seconds).</td>
<td>Generator RPM sensor or the generator clutch mechanism are faulty</td>
</tr>
<tr>
<td>Engine coolant temperature is too high</td>
<td>YES</td>
<td>0x0198</td>
<td>During G-mode operation, the engine temperature is higher than during V-mode operation.</td>
<td>The engine has a problem causing high coolant temperature or the coolant temperature sensor is faulty</td>
</tr>
<tr>
<td>Recurring engine starting problems</td>
<td>YES</td>
<td>0x0512</td>
<td>The starter motor has failed to start the engine (on five consecutive times).</td>
<td>The battery voltage is insufficient, the spark plug is fouled or the starter motor/circuit is faulty</td>
</tr>
<tr>
<td>Speed Sensor signal is detected</td>
<td>YES</td>
<td>0x0500</td>
<td>In the G-mode, the ECM has detected a speed signal.</td>
<td>Vehicle is moving or the Speed Sensor is producing a faulty signal.</td>
</tr>
<tr>
<td>Speed Sensor signal value is abnormal</td>
<td>YES</td>
<td>0x0501</td>
<td>In the G-mode, the ECM has detected a speed signal over 60 MPH (100km/h).</td>
<td>Vehicle is moving or the Speed Sensor is producing a faulty signal.</td>
</tr>
<tr>
<td>Generator does not turn or the RPM is too low</td>
<td>YES</td>
<td>0x0722</td>
<td>In the G-mode, the generator is not turning.</td>
<td>Generator RPM sensor or generator clutch mechanism are faulty</td>
</tr>
</tbody>
</table>

**NOTE:** If you encounter a fault that is not immediately and simply rectified by operating the vehicle or the generator as outlined in this manual, contact your KYMCO dealer for technical assistance.
## PERIODIC MAINTENANCE SCHEDULE

<table>
<thead>
<tr>
<th>ITEM</th>
<th>INITIAL</th>
<th>EVERY</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>mi</td>
<td>km</td>
</tr>
<tr>
<td>Engine oil</td>
<td>100</td>
<td>150</td>
</tr>
<tr>
<td>*Oil strainer</td>
<td>600</td>
<td>1000</td>
</tr>
<tr>
<td>SERVICE EVERY 100 HOURS (REGARDLESS OF MILEAGE OR TIME)</td>
<td>1200</td>
<td>2000</td>
</tr>
<tr>
<td>Engine oil filter cartridge</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Final gear oil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Differential gear oil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Air filter element (for engine and *V-belt compartment)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Carburetor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Cylinder head cover breather system</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spark plug</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Fuel line</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Valves</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Continued on following page...
### PERIODIC MAINTENANCE SCHEDULE

<table>
<thead>
<tr>
<th>ITEM</th>
<th>ROUTINE</th>
<th>INITIAL</th>
<th>EVERY</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Brake</td>
<td>• Check operation and brake fluid.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Replace brake pad if necessary.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Coolant</td>
<td>• Check coolant leakage.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Replace if necessary.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Replace coolant every 24 months.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*V-belt</td>
<td>• Check operation.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Replace if damage or excessive wear.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Exhaust system</td>
<td>• Check leakage.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Retighten if necessary.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Replace gasket if necessary.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spark arrester</td>
<td>• Clean</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Wheels</td>
<td>• Check balance/damage/runout.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Replace if necessary.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Wheel bearings</td>
<td>• Check bearing assembly for looseness/damage.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Replace if damaged.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Steering system</td>
<td>• Check operation.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Replace if damaged.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Check toe-in.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Adjust if necessary.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Drive shaft boots</td>
<td>• Check operation.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Replace if damaged.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>*Suspension</td>
<td>• Check operation.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Correct if necessary.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
PERIODIC MAINTENANCE SCHEDULE

BREAK-IN PROCEDURE

The engine in your new UXV500iG (or a engine that has been renewed) requires a "break-in" period. How the engine is operated during the first month is most critical to the life of your UTV's engine, and proper operation during this break-in period will help assure maximum life and performance from your UXV500iG.

During your UTV's first ten hours of operation, always use a light throttle, keeping engine RPM well below the maximum. Varying the engine RPM during the break-in period allows the engine and transmission components to mate together so they will operate smoothly in the future. Applying some higher engine RPM's and other loads during the break-in period is not detrimental when done in moderation. Do not pull a trailer or haul very heavy cargo loads during the break-in period.

When the engine starts, allow it to warm up properly. Permit the engine to idle for several minutes until the it has reached normal operating temperature. However, do not allow the engine to idle for excessively long periods of time, as this additional heat can affect future engine integrity.

---

*GFCI Leakage switch/Overload switch

- Perform GFCI overload and leakage switch tests.

**EVERY MONTH**

* : Confirm GFCI overload and leakage functions are normal (test once per month).

---

*Knuckle shafts/Steering shaft

- Lubricate every 6 months.

---

*Fittings and Fasteners

- Check all chassis fittings and fasteners.
- Correct if necessary.

---

<table>
<thead>
<tr>
<th>ITEM</th>
<th>INITIAL</th>
<th>EVERY</th>
</tr>
</thead>
<tbody>
<tr>
<td>Km</td>
<td>150</td>
<td>1000</td>
</tr>
<tr>
<td>MONTH</td>
<td>1</td>
<td>6</td>
</tr>
</tbody>
</table>

---

<table>
<thead>
<tr>
<th>ITEM</th>
<th>INITIAL</th>
<th>EVERY</th>
</tr>
</thead>
<tbody>
<tr>
<td>mi</td>
<td>100</td>
<td>600</td>
</tr>
<tr>
<td>Km</td>
<td>150</td>
<td>1000</td>
</tr>
<tr>
<td>MONTH</td>
<td>1</td>
<td>6</td>
</tr>
</tbody>
</table>

---

* : It is recommended that these items be serviced by a KYMCO dealer.

** : Lithium soap base grease.

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Continued on the next page - 83
CAUTION

BRAKE PADS MUST BE BEDDED-IN TO ACHIEVE FULL BRAKING EFFECTIVENESS.
Braking distance will be greater until brake pads are properly bedded-in.
TO PROPERLY BED-IN THE BRAKES, USE FOLLOWING PROCEDURE:
* Choose an area sufficient to safely accelerate your UTV to 30 mph and smoothly brake to a stop
* Accelerate to 30 mph, then depress the brake pedal to decelerate to 0 - 5 mph
* Repeat procedure five times

WARNING

Do not attempt sudden stops or put yourself into a situation with your UTV where a sudden stop will be required until the brake pads are properly bedded-in.

After the completion of the break-in period, your UTV's engine oil and oil filter should be changed. Other maintenance after break-in should include checking of all prescribed adjustments and tightening of all fasteners. It is your responsibility, as the owner and driver of your UTV, to arrange for and pay for this initial service.

Because of the technical ability and resources available to an authorized KYMCO dealer, it is best to take your UTV to the dealer for service rather than attempting to perform this initial service yourself.

NOTE: Proper maintenance of your UTV is important for optimum performance and safety. Follow the Maintenance Schedule listed in this manual and in other official KYMCO publications.

If you become aware of any abnormal noises, vibrations, or improper function of any component of your UTV, DO NOT OPERATE THE UTV. Take your UTV to an authorized KYMCO ATV dealer for inspection and adjustment or repair.

CAUTION

If you do not feel qualified to perform any of the maintenance procedures or inspections listed in this Owner's Manual, take your UTV to an authorized KYMCO dealer for professional service.

NOTE: The instructions and information on the following pages refer to specific items in the maintenance and care of your UTV.
TOOL KIT
A tool kit has been supplied with your UXV500iG for your convenience. The tool kit is stored in the right glove box.

1 Tool Pouch
2 Tire Air Pressure Gauge
3 Wrench - 17/19 mm
4 Wrench - 10/14 mm
5 Wrench - 8/12 mm
6 Screwdriver Handle
7 Screwdriver Bit
8 Hexagon Wrench
9 Hexagon Wrench
10 Spark Plug Socket

NOTE: The tool kit is a convenience item only. Suitable tools are required for other repairs and service. Consult your KYMCO dealer for more information.

GASOLINE-OIL-LUBRICANT
Recommended Gasoline
The recommended fuel to use in your UTV is regular unleaded gasoline with a 87 minimum octane rating. In many areas, oxygenates (either ethanol or MTBE) are added to the gasoline. Oxygenated fuels containing up to 10% ethanol, 5% methane, or MTBE are acceptable to use.

When using ethanol blended gasoline, it is not necessary to add a gasoline antifreeze since ethanol will prevent the accumulation of moisture in the fuel system.

Recommended Engine Oil
The recommended engine oil to use in your UTV is an oil which is rated SJ or higher under the API service classification. These oils meet all of the lubrication requirements of a KYMCO UTV engine. The recommended, standard oil viscosity is SAE 10W-40. Ambient temperature should determine the correct weight of oil. See the viscosity chart below or consult an authorized KYMCO dealer for guidance.

Recommended Engine Oil

<table>
<thead>
<tr>
<th>Temperature (°F)</th>
<th>SAE 5W</th>
<th>SAE 10W</th>
<th>SAE 10W-30</th>
<th>SAE 10W-40</th>
<th>SAE 20W-40</th>
<th>SAE 20W-50</th>
</tr>
</thead>
<tbody>
<tr>
<td>10°C (50°F)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20°C (68°F)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30°C (86°F)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>40°C (104°F)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50°C (122°F)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>60°C (140°F)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>70°C (158°F)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>80°C (176°F)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>90°C (194°F)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>100°C (212°F)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>110°C (230°F)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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GENERAL MAINTENANCE

Engine Oil Level Inspection
To check the engine oil level, use this procedure:
1. Park your UXV500iG on level ground
2. Warm up the engine for several minutes, then turn it off
3. Check the oil level at the inspection window
4. The oil level in the window should be above the "L" mark but not higher than the "H" mark. Add oil through the filler cap as required

Engine Oil & Oil Filter Replacement
To replace the engine oil and oil filter, and clean the oil strainer use this procedure:
1. Park your UXV500iG on level ground
2. Warm up the engine for several minutes, then turn it off
3. Place a suitable container under the engine (capable of holding four quarts of oil)
4. At the bottom of the engine, remove the oil drain plug and the oil strainer (oil screen) cap to drain the oil

NOTE: When checking the engine oil level, the UTV should be parked on level ground with the engine off. Wait approximately one minute after running for the oil level to stabilize before checking.

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 "H" mark.

CAUTION
When removing the oil screen cap, a compression spring, oil strainer and O-ring gasket will fall out. Be careful not to lose these parts and reinstall them in the order that they were removed. When servicing the engine oil, do not allow foreign material to enter the crankcase or engine damage may occur.

Procedure continued on the next page
GENERAL MAINTENANCE

**NOTE:** Skip step 5 and proceed to step 7 if you are not going to replace the oil filter cartridge.

5. Remove the oil filter cartridge with a suitable oil filter wrench. Rotate the oil filter cartridge counterclockwise to remove it from the engine.

6. Lubricate the new oil filter cartridge’s o-ring gasket with clean engine oil and install the filter on the engine. Tighten the oil filter cartridge by rotating it clockwise unit it securely seats to the engine.

7. Reinstall the oil strainer and its component parts. Tighten the oil strainer cap securely.

8. Reinstall the oil drain plug and tighten it securely.

9. Add the appropriate amount of engine oil

## OIL QUANTITY

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Without oil filter</td>
<td>3.18 US qt, (3.0 L)</td>
</tr>
<tr>
<td>With oil filter change</td>
<td>3.82 US qt, (3.6 L)</td>
</tr>
</tbody>
</table>

**NOTE:** Dispose of the used oil and filter in an environmentally appropriate way.

---

**CAUTION**

Any oil used in place of the KYMCO recommended engine oil can cause serious engine damage.

10. Warm up the engine for several minutes, then turn it off.

11. Check the oil level at the inspection window.

12. The oil level in the window should be above the "L" mark, but not higher than the "H" mark. Add oil through the filler cap as required.

---

**NOTE:** The UTV should be parked on level ground, with the engine off, when checking the engine oil level. Wait approximately one minute after running for the oil level to stabilize before checking.

---

**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 "H" mark.
GENERAL MAINTENANCE

Recommended
Front Differential/Rear Drive Lubricant
The recommended lubricant for your KYMCO UTV (front differential and rear drive when applicable) is an SAE approved 80W-90 Hypoid fluid.

⚠️ CAUTION
Any lubricant used in place of the KYMCO recommended lubricant can cause serious front differential/rear drive damage.

Front Differential and Rear Drive Gear Lubricant (Inspecting/Changing)
Inspect and change the gear lubricants in your UTV according to the Maintenance Schedule. When changing the lubricant, only use the approved SAE 80W-90 hypoid-type fluid and use the following procedure:

1. Park your UXV500iG on level ground
2. Remove each fluid filler plug
3. Drain the fluid into a drain pan by removing the drain plug from the Front Differential
4. Drain the fluid into a drain pan by removing the drain plug from the Rear Drive
5. After all the fluid has been drained, reinstall the drain plugs and tighten them securely
6. Pour recommended oil into each filler hole
7. Reinstall the fluid filler plugs and level plugs

NOTE: If the gear case has a level plug, add fluid up to the threads of the level plug. If your UTV's gear case only has a fill plug, add fluid to within 1 in. of the threads of the fill plug.

Filling the Fuel Tank
See page 63 of this manual on how to unlock the fuel tank cap.

⚠️ WARNING
Always fill your UTV's fuel tank in a well-ventilated area. Do not spill or overflow gasoline when filling the fuel tank. This will greatly increase the risk of a fire hazard. Never add gasoline to the ATV fuel tank near any open flames or with the engine running or hot. DO NOT SMOKE while filling the fuel tank.

Since gasoline expands as its temperature increases, the fuel tank on your UTV should only be filled to its rated capacity. Expansion room must be maintained in the tank, particularly if the tank is filled with cold gasoline and the UTV is then moved to a warm area.

⚠️ WARNING
Do not overfill the fuel tank.
GENERAL MAINTENANCE

SPARK PLUG
Inspection & Replacement
The spark plug is an important engine component and is easy to inspect. The condition the spark plug can indicate the condition of your UTV’s engine.

For example, a very white center electrode porcelain color could indicate an intake air leak or carburetion problem. **Do not attempt to diagnose such problems yourself. Instead, take your UTV to a KYMCO dealer.**

You should periodically remove and inspect the spark plug because heat and deposits will cause the spark plug to slowly wear down and erode. If electrode deterioration becomes severe, replace the spark plug with one of the proper type.

![Spark plug type CR7E (NGK)](image)

- **NOTE:** Before installing the spark plug, measure the electrode gap with a feeler gauge and adjust to specification. When installing the spark plug, always clean the gasket surface and use a new spark plug if the sealing gasket is pressed flat. Always tighten the spark plug to the specified torque.

AIR CLEANER
Air Cleaner Element Service
The air cleaner element (air filter) requires periodic service because it must be kept in good condition to prevent debris from getting into the engine and causing premature wear.

To remove and service the air cleaner element, follow this procedure:

1. Remove the gear shift lever knob by removing the retainer bolt ①
2. Remove the center console retainer screws ② and remove the console cover

Procedure continued on the next page
GENERAL MAINTENANCE

3. Remove the air cleaner cover screws ③
4. Loosen the joint clamp ④ and remove the element from the air cleaner
5. Use compressed air to blow debris from the air cleaner element ⑤. If the debris is heavy, the foam will need to be cleaned and re-oiled

**CAUTION**
The air cleaner element must be in serviceable condition. If it is torn or damaged it must be replaced. A damaged or improperly serviced air cleaner element will cause premature engine wear.

6. After cleaning, reinstall the air cleaner element and the covers in reverse order of disassembly

**EXHAUST**

**Spark Arrestor Cleaning**
Your UXV500iG is equipped with a spark arrestor in its muffler. The spark arrestor is required for you to operate your UTV on public lands. Periodically you will need to clean the spark arrestor’s screen of carbon by following this procedure:

1. Remove the three retaining screws ⑥ and pull the spark arrestor from the muffler body
2. Use a wire brush to clean the carbon from the arrestor screen ⑦
3. Reinstall the spark arrestor in the muffler body and securely tighten the retaining screws

**CAUTION**
The UXV500iG’s air cleaner element is a oiled foam type that requires cleaning with an appropriate solvent and re-oiling so it will properly filter debris from the air that will enter the engine. Consult with your KYMCO dealer about air cleaner element servicing products and procedures.
COOLING SYSTEM

Inspection
Your UXV500iG has a liquid-cooled engine and periodically you should inspect the level of the fluid in the coolant reservoir and the external condition of the radiator. Inspect and adjust the fluid level in the coolant reservoir using the following procedure:

1. Open the hood
2. Check the coolant level in the coolant reservoir when the engine is cold as the level will vary with changes in engine temperature. The coolant level should be between the FULL and LOW marks on the reservoir.

2. If the fluid level is low, add coolant or distilled water to raise it up to the FULL level.

NOTE: If you have to add water to your UTV’s coolant, have your KYMCO dealer inspect the coolant as soon as possible to determine if it is in good condition.

Periodically inspect the external condition of the radiator and the coolant hoses. Look for leaks or damage on the cooling fins of the radiator.

CAUTION
Hard water, tap water, or salt water is harmful to the engine and the cooling system components. Always use distilled water or pre-mixed coolant (50:50 ratio) when adding fluid to the coolant reservoir.

NOTE: Dirt and debris must be cleaned from the radiator’s fins regularly to ensure proper engine oil cooling.

WARNING
Never remove the radiator cap when the engine is warm. The coolant in the radiator is very hot and under pressure and can cause severe burns.

NOTE: High engine RPM, low vehicle speed, or heavy load will raise engine temperature. Decreasing engine RPM, reducing load, and selecting an appropriate transmission gear can lower the temperature.
GENERAL MAINTENANCE

BRAKES

Brake Fluid Inspection
Your UXV500iG has hydraulically operated brakes and periodically you should inspect the level and condition of the fluid in the brake fluid reservoir.

Inspect and adjust the brake fluid level in the reservoir using the following procedure:

1. Open the hood
2. Check the brake fluid level; the brake fluid level should be between the FULL and LOW marks on the reservoir
3. If the level is low, unscrew the reservoir cap and add DOT 3 brake fluid to bring level up to the FULL mark
4. Clean the reservoir cap with a clean cloth and replace it
5. Close the hood

WARNING

POTENTIAL HAZARD
Brake fluid contacting the skin or eyes.

WHAT CAN HAPPEN
The fluid will cause irritation.

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

SHOCK ABSORBERS

Each shock absorber on your UTV should be visibly checked weekly for excessive fluid leakage (some seal leakage is normal), cracks or breaks in the shock body, or a bent shock rod. If any one of these conditions is detected, replacement is necessary.

NOTE: If you drive your UTV in extremely cold weather (-10° F / -23° C or colder), a small amount of fluid leakage may occur on the shock rod. Unless the leakage is excessive, replacement of the shock absorbers is not necessary.

GENERAL LUBRICATION

Cables
Under normal use, the control cables on your UTV do not require lubrication. However, it is advisable to lubricate the ends of the cables periodically with a quality cable lubricant.
GENERAL MAINTENANCE

WHEELS
Wheel Removal & Installation
To remove the wheels from your UTV, follow this procedure:
1. Elevate the UTV so the wheel comes off the ground by using a suitable jack and support stands
2. Remove the nuts from the wheel
3. Remove the wheel assembly

To install the wheels on your UTV, follow this procedure:
1. Place the wheel on the spindle
2. Install the nuts on the spindle’s studs so the tapered side of the nut 1 faces the wheel 2
3. Tighten the wheel nuts in a crisis cross pattern 3
4. Torque the nuts to the specified torque

Wheel Nut torque ....................... 40 lb-ft (55 N-m)

NOTE: The arrow mark 4 on the tire must point towards the rotating direction of the wheel.

WARNING
POTENTIAL HAZARD
Install the wheels improperly.
WHAT CAN HAPPEN
A wheel may come loose, possibly leading to an accident.
HOW TO AVOID THIS HAZARD
Carefully follow the instructions in this Owner’s Manual when installing the wheels.

TIRES

WARNING
Always use the size and type of tires specified for your KYMCO UTV. Refer to the specifications chart in this manual for tire-related information and always maintain proper tire inflation pressure.
GENERAL MAINTENANCE

Tire Tread Condition
The use of worn-out tires on your UTV is very dangerous. A tire is considered to be worn-out when the depth of the tread is less than 1/8 in (3 mm). Be sure to replace the tires on your UTV before reaching this minimum specification.

![Minimum Tread Depth 1/8 in. (3 mm)](image)

**CAUTION**
When breaking the tire bead loose from the wheel, be extremely careful not to damage the inner wheel surface or the tire bead.

**WARNING**
The use of worn-out tires on your UTV can be dangerous and can increase the risk of an accident.

**WARNING**
Use only KYMCO approved tires on your UTV when replacing tires. Failure to do so could result in unstable UTV operation.

Tire Replacement
Your UTV has low-pressure tubeless tires. Air is sealed by the contact surfaces of the inner wheel rim and the tire bead. If either the inner wheel rim or tire bead are damaged, air may leak. Be extremely careful not to damage these areas when replacing tires.

It is very important to use proper tools when repairing or replacing tires to prevent damage to the tire, the tire bead or wheel rims. If you do not have access to the proper tools or lack the technical ability, have your tires serviced by an authorized KYMCO dealer.

**CAUTION**
Tubeless Tire Repair
Should a leak or flat tire occur due to a puncture, the tire may be repaired using a plug-type repair. If the damage is from a cut or if the puncture cannot be repaired using a plug, the tire must be replaced. When riding your UTV in areas where transportation or service facilities are not readily available, you should carry a plug-type repair kit and a tire pump.

**ENGINE IDLE SPEED**
The engine idle speed (and the engine speed when the onboard generator is in the “G-Mode”) is controlled by the vehicle’s EFI system. External adjustments are not possible.

**NOTE:** If the engine idle speed is not proper, contact your KYMCO dealer for technical support.
GENERAL MAINTENANCE

BATTERY
The battery is located in a compartment under the hood of your UXV500iG. After initial service, batteries require regular cleaning of the terminals and recharging in order to deliver peak performance and maximum service life. The procedures listed in this manual are recommended for cleaning and maintaining MF-sealed type batteries. Always read and follow instructions provided with battery chargers and battery products.

**NOTE:** You can perform your own battery maintenance if you are qualified to do so. If you do not feel qualified, take your UTV to an authorized KYMCO ATV dealer for battery service. As with all other periodic maintenance, you are responsible to arrange and pay for this service.

**WARNING**
Battery service must be performed in an area free of any sparks, open flame, cigarettes, or any other flame. Always wear safety glasses. Protect skin and clothing when handling a battery. When servicing battery in enclosed space, keep the area well-ventilated.

To remove the battery from your UXV500iG for service, follow this procedure:

1. Turn off the ignition switch and open the hood
2. Remove the battery compartment cover
3. Disconnect the battery cables. Disconnect the negative cable first, then disconnect the positive cable
4. Remove the battery from the battery compartment. Then thoroughly wash the battery and the compartment with soap and water

**NOTE:** If the battery posts, cable ends, or the battery case has a buildup of white/green powder residue, apply water and baking soda to neutralize this acid residue and rinse with warm soapy water.

5. Use a wire brush to clean the battery posts and cable ends, removing all corrosive buildup. Replace any damaged cables
6. Use a multimeter to test the battery voltage. The voltage for a fully charged battery should be at least 12.5 DC Volts
7. If the meter indicates low voltage, charge the battery using the guidelines on the following page

**CAUTION**
Never remove the caps from the battery to add water or electrolyte (sulfuric acid) to the battery. The UXV500iG’s battery is a MF (maintenance-free) sealed type, so the removal of the caps and the addition of fluid will cause severe battery damage.
GENERAL MAINTENANCE

- NOTE: If the meter indicates the proper voltage, the battery may be reinstalled in the UTV (see step 10).
- NOTE: If the meter indicates the voltage is low, charge the battery using a automatic battery charge specially designed for use on MF-type batteries. When using an automatic battery charger, always follow the charger manufacturer's instructions.

8. After charging, remove the battery charger.
9. Test the battery voltage again. The meter should read at least 12.5 DC Volts. If the voltage is as specified, the battery is ready to be reinstalled in the ATV.
10. Reinstall the battery into the battery compartment and apply a light coat of dielectric grease on the battery posts and cable ends.

---

**WARNING**
A battery overheated from improper charging could explode causing severe injury or death. Always monitor the battery charging carefully. Stop charging if the battery becomes very warm to the touch. Allow it to cool before resuming charging.

**CAUTION**
Before installing the battery, make sure the UTV’s ignition switch is in the OFF position.

11. Connect the battery cables (positive cable first), reattach the battery compartment cover and close the hood.

**CAUTION**
Connecting the battery cables in reverse (positive to negative and negative to positive) can cause serious damage to the electrical system.

**WARNING**
Battery acid is harmful if it contacts eyes, skin, or clothing. Extreme care must be taken whenever handling a battery.
GENERAL MAINTENANCE

FUSES
The main, 30A fuse is located on the starter relay. The fuse box holds the other fuses and is located in the battery compartment under the hood of your UXV500iG. The fuse box accepts small, blade-style fuses. To inspect or replace a fuse in the fuse box, follow this procedure:

1. Turn off the ignition switch and open the hood
2. Remove the battery compartment cover
3. Remove the fuse box cap
4. Pull the old fuse from the fuse holder
5. Push the new fuse into the fuse holder
6. Reinstall the fuse box cap
7. Reinstall the battery compartment cover and close the hood

CAUTION
To prevent an accidental short-circuit, turn off the main ignition switch before inspecting or replacing a fuse.

Fuse Identification
The fuse box inner lid has a label which identifies the fuse's circuit, its rating, and its location in the fuse box.

1. Generator ............ 10A
2. Fuel ...................... 15A
3. Accessory ............ 15A
4. Light .................... 15A
5. Ignition ................. 15A
6. Fan motor ............ 15A
7. DC12V POWER
8. 15A LIGHT
9. 15A IGN
10. 15A FUEL
GENERATOR MAINTENANCE

The generator of your KYMCO UXV500iG has been engineered to be reliable and easy-to-maintain. The generator does not need period maintenance other than a monthly check of the GFCI switches. Please review this section for the basic care related to the generator components of your UTV.

GFCI Switch Checks
Each month perform a test of the Leakage Switch and the Overload Switch on the GFCI breaker on the Generator Control Panel. Follow the procedure listed below.

Leakage Switch (1):
Start the generator normally. Do not connect any electrical devices to the power output sockets. Press the yellow button and the 30A switch will automatically turn off. Turn off the generator and reset the 30A switch to the ON position.

Overload Switch (2):
For this test the generator does not need to be operated. With the Generator Main (keyed) Switch ON, press the red button and the 30A switch will automatically turn off. Turn off the generator and reset the 30A switch to the ON position.

Electrical Output Sockets
Inspect the output sockets (and any cords you use to power electrical devices for corrosion) and verify their connections and snug and secure.
GENETRATOR MAINTENANCE

Cleaning the Generator’s Control Panel

1. Use a clean micro-fiber type cloth to remove light dirt or dust.
2. If the dirt is difficult to remove, you can lightly moisten the cloth with water and a mild detergent.
3. Do not wash the control panel with a stream of water.

⚠️ CAUTION

- Do not use an abrasive foam or cloth when cleaning as it can scratch the surface of the control panel and the vehicle’s dash.

⚠️ WARNING

- Do not use gasoline, benzene, thinner, scouring powder, kerosene, alcohol, or other abrasive cleaners on the control panel or other portions of the vehicle. These types of chemicals can damage the finish and cause the panel to crack. A cracked panel can allow moisture or other containments into the generator’s electric and create an electrical shock or fire danger.

- Never use any liquid to wash the control panel. Wet control panels components can cause an electric shock, fire or cause the output sockets to malfunction.

- Never clean the control panels when the vehicle or the generator is in operation. This can cause an electric shock or generator malfunction.
KYMCO recommends the procedures listed on this page to prepare your UXV500iG for storage. If you lack the technical ability to prepare your UTV for storage, consult an authorized KYMCO dealer about performing this service.

1. Clean the seat and head cushions (cover and base) with a damp cloth and allow to the surfaces to dry
2. Clean your UTV thoroughly by washing dirt, oil, grass, and other debris from the entire vehicle. Allow the UTV to dry thoroughly. DO NOT get water into the engine, air intake or exhaust
3. Drain the gas tank completely or add a fuel stabilizer to the fuel in the gas tank. Remove the air filter housing cover and air filter
4. Start the engine and allow it to idle, then spray KYMCO Engine Preserver into the air filter opening for a period of ten to twenty seconds. Turn off the engine and reinstall the air filter and housing cover
5. Plug the exhaust system outlet with a clean cloth
6. Apply some light oil to the upper steering post bushing and shafts of the shock absorbers
7. Tighten all nuts, bolts, cap screws, and screws - tighten these fasteners to the proper torque specification. Make sure that the rivets holding components together are tight - replace all loose rivets
8. Disconnect the battery cables (negative cable first) and then remove the battery. Clean the battery posts and cables. Store the battery in a clean, dry area were you can access it for periodic charging
9. Store your UTV indoors, parked in a level position

Do not store your UTV outside in direct sunlight to avoid damage to the body work. Avoid using a plastic cover as moisture can condense on the UTV, causing rust and corrosion.
GENERAL MAINTENANCE
PREPARATION OF YOUR UTV FOR DRIVING AFTER STORAGE

After storage, your UXV500iG requires particular attention and adjustments to make sure you will enjoy many miles of trouble-free driving. To take your UTV out of storage, KYMCO recommends using the following procedure:

1. Clean your UTV thoroughly
2. Clean the engine. Remove the cloth from the exhaust system outlet
3. Check all control wires and cables for signs of wear or fraying. Replace any suspect items
4. Change the engine/transmission oil and filter
5. Charge the battery and test the voltage (refer to page 95) before installation. When installing the battery, connect the positive cable first

6. Inspect the brake system. Verify the good condition of the brake fluid, pads and the controls
7. Verify the proper operation and adjustment of all controls, headlights, taillight, brakelight - adjust or replace items as necessary
8. Check the tire pressures - inflate the tires to the recommended pressure
9. Tighten all nuts, bolts, cap screws, and screws - tighten these fasteners to the proper torque specification. Make sure that the rivets holding components together are tight - replace any loose rivets
10. Make sure the steering moves freely and does not bind
11. Check the spark plug - clean or replace as necessary
12. Follow the recommendations listed in the Pre-Drive Inspection

CAUTION
Before installing the battery, make sure the ignition switch is in the OFF position. Connect the positive cable to the battery first.
EMISSION CONTROL INFORMATION

Crankcase Emission Control System
Your UXV500iG’s engine is equipped with a closed crankcase system. Blowby gases are routed back into the combustion chamber via the intake system. This system does not allow the blowby gases to enter the atmosphere.

Exhaust Emission Control System
The exhaust emissions from your UTV are controlled by engine design, factory-set fuel delivery, ignition settings, and exhaust system design. This system also includes a secondary air supply system and a catalyzer in the exhaust system.

Noise Exhaust Emission Control System
TAMPERING WITH NOISE CONTROL SYSTEM COMPONENTS IS PROHIBITED:

Certain local, state and federal laws and regulations prohibit the following acts, or related actions:

(1) The removal or rendering inoperative by any person other than for purposes of maintenance, repair or replacement, of any device or element of design incorporated into any new vehicle for the purpose of noise control prior to its sale or delivery to the ultimate purchaser or while it is in use; or

(2) the use of the vehicle after such a device or element of design has been removed or rendered inoperative by any person.

AMONG THOSE ACTS PRESUMED TO CONSTITUTE TAMPERING ARE THE ACTS LISTED IN THE TABLE BELOW:

<table>
<thead>
<tr>
<th>Exhaust system</th>
<th>Muffler</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Exhaust pipe</td>
</tr>
<tr>
<td></td>
<td>Silencer</td>
</tr>
<tr>
<td>Intake system</td>
<td>Air cleaner case</td>
</tr>
<tr>
<td></td>
<td>Air cleaner filter element</td>
</tr>
<tr>
<td></td>
<td>Intake duct</td>
</tr>
</tbody>
</table>

PLEASE DO NOT MODIFY OR CHANGE ANY KYMCO-DESIGNED COMPONENTS THAT MAY ALTER THE SOUND OR EMISSION LEVELS FROM YOUR UXV500iG.
KYMCO USA LIMITED WARRANTY

KYMCO USA inc. 5 Stan Perkins Road, Spartanburg, SC 29307, USA warrants for a period of twelve (12) months from the date of initial retail purchase from an authorized KYMCO ATV dealer that each new KYMCO ATV 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 ATV engaged in competitive racing or related use.
   b. Any KYMCO ATV 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 ATV 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 160 days.
   SECTION 2 – Engine and electrical parts and repair labor are covered for the first 270 days.
   SECTION 3 – Engine parts and repair labor are covered for 365 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 ATV to an authorized KYMCO ATV 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 ATV 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 twelve (12) month warranty is limited solely to the remedying of defects materials or workmanship by an authorized KYMCO ATV dealer at its place of business during customary business hours. This warranty does not cover inconvenience or loss of use of the ATV or transportation of the ATV to or from a KYMCO ATV 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 ATV 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 ATV 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 TWELVE- (12) 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 ATV Warranty.

7. LEGAL RIGHTS. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS WHICH VARY FROM STATE TO STATE.
U.S. EPA EMISSION CONTROL STATEMENT/ 
WARRANTY COVERAGE 
(U.S. Only)

STATEMENT/WARRANTY
KYMCO warrants to the original retail purchaser, and each subsequent purchaser, that all U.S. EPA-certified KYMCO UTVs are designed, built, and equipped to conform to all U.S. EPA Emission Control Regulations. Please read this statement completely.

Your authorized KYMCO dealer will repair or replace any defective emission-related component at no cost to you for parts or labor during the warranty period. You may have non-warranty service performed by any repair establishment that uses equivalent components and appropriate service techniques. Regulations exist that provide significant civil penalties for any tampering that would cause your UTV to no longer meet U.S. EPA emission standards.

KYMCO further warrants that the vehicle’s engine and its emission-related components are free from defects in materials or workmanship that could cause the engine to fail to comply with applicable regulations during the warranty period.

If you have any questions about this information, or the emission warranty coverage statement, contact your local authorized KYMCO dealer.

WARRANTY PERIOD
The emissions warranty period for this UTV begins on the original date of sale (the same date as the start of the vehicle’s Limited Warranty coverage) and continues for 30 months, or 3,100 miles, whichever comes first.

COVERED COMPONENTS
The emissions warranty covers major emissions control components and emission-related components as listed here:

<table>
<thead>
<tr>
<th>Engine Management and Sensors</th>
<th>Fuel/Air System</th>
</tr>
</thead>
<tbody>
<tr>
<td>BAROMETRIC PRESSURE SENSOR</td>
<td>FUEL INJECTORS</td>
</tr>
<tr>
<td>CAMSHAFT POSITION SENSOR</td>
<td>FUEL PRESSURE REGULATOR CARBURETOR(S)</td>
</tr>
<tr>
<td>ENGINE CONTROL UNIT (ECU)</td>
<td>TURBOCHARGER ASSEMBLY</td>
</tr>
<tr>
<td>ENGINE COOLANT TEMPERATURE SENSOR</td>
<td>AIR BYPASS VALVE</td>
</tr>
<tr>
<td>INTAKE AIR TEMPERATURE SENSOR</td>
<td>TURBO WASTE GATE CONTROL VALVE</td>
</tr>
<tr>
<td>MANIFOLD ABSOLUTE PRESSURE SENSOR</td>
<td>CRANKCASE VENTILATION SYSTEM</td>
</tr>
<tr>
<td>OXYGEN SENSOR</td>
<td>ISC VALVE</td>
</tr>
<tr>
<td>THRUSTLE POSITION SENSOR</td>
<td></td>
</tr>
<tr>
<td>CRANKSHAFT POSITION SENSOR</td>
<td></td>
</tr>
<tr>
<td>IGTION SYSTEM</td>
<td>MISCELLANEOUS ITEMS USED IN</td>
</tr>
<tr>
<td>CONNECTORS IGNITION COIL</td>
<td>AFOREMENTIONED SYSTEMS</td>
</tr>
<tr>
<td>KNOCK SENSOR SYSTEM</td>
<td>SWITCHES</td>
</tr>
<tr>
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VEHICLE OWNER’S RESPONSIBILITIES
The owner of any UTV warranted under this KYMCO Emission Control Statement is responsible for the proper maintenance and use of the vehicle as stated in the vehicle’s Owner’s Manual. Proper maintenance generally includes replacement and service, at the owner’s choosing and expense, of such items as air filter, oil and oil filter, or any other part, item, or device related to emissions control as specified in the Owner’s Manual. It is the owner’s responsibility to ensure that the UTV is used in a manner for which it was designed.
MAINTENANCE RECORD

In the event your UTV requires repairs that may be covered by the KYMCO Limited Warranty, you will be required to present records and documents chronicling the maintenance history for the vehicle. The chart below can help you organize your records and serves as a reminder of the essential maintenance intervals. The chart alone is not documented proof of service; you will need to maintain copies of dealership repair orders and receipts of all maintenance-related purchases.

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The ignition switch key identification code ① is stamped on blade of 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.

The generator, glove box & gas cap key identification code ② is stamped on the blade of the key. Record the key number in the box above.

The vehicle identification number (VIN) ③ and engine serial number (ESN) ④ 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). See page 5 for additional information.