

BL Motorcycles Ltd

Professional Workshop Manual - English Translation

Baltmotors - atv_500700

1 CONTENTS

Introduction ..	3
Safety Information ..	4
All-Terrain Vehicle Identification Numbers ..	10
All-Terrain Vehicle Device..	.12
Controls ..	13
Ignition Lock	13
Indicators and Warning Lights on the Instrument Panel ..	14
Main Elements of the Instrument Panel ..	16
Fuel Level	18
Main Controls of the All-Terrain Vehicle ..	19
Seat ..	32
Adjusting the Front and Rear Shock Absorbers ..	33
DC Power Outlet ..	34
Steering Wheel Lock ..	34
Checking the All-Terrain Vehicle Before Riding ..	35
All-Terrain Vehicle Break-in Period ..	36
Fundamentals of All-Terrain Vehicle Operation	37
Maintenance ..	60
Engine Oil ..	63
Oil in the Rear Gearbox ..	67
Oil in the Front Gearbox ..	.68
Cooling System ..	70
CV Joint Boots ..	73
Spark Plug ..	73
Air Filter Cleaning ..	76
.	

2

Cleaning the Exhaust System from Carbon Deposits ..	78
Carburetor Adjustment	79
Throttle Lever Free Play Adjustment ..	80
Idle Speed Adjustment.	80
Valve Clearance Adjustment	81
Checking the Front Brake Pads.. ..	81
Checking the Rear Brake Pads82
Checking the Brake Fluid Level ..	82
Front Brake Lever Free Play ..	84
Rear Brake Lever and Pedal Adjustment ..	.85
Rear Brake Pedal Height Adjustment ..	85
Brake Light Switch Adjustment ..	86

BL Motorcycles Ltd

Professional Workshop Manual - English Translation

Control Cable Inspection and Lubrication . 87

Wheel Removal and Installation 88

Battery89

Fuse Replacement ..90

Headlight Bulb Replacement91

Headlight Beam Adjustment92

Taillight/Brake Light Bulb Replacement93

Washing and Storage..94

Troubleshooting.97

Specification 100

Warranty Terms , 105

3 INTRODUCTION

Thank you for purchasing a BALTMOTORS ATV 700/500 all-terrain vehicle model, which is offered by BALTMOTORS. This manual contains important safety information, and also includes instructions for safe operation and required maintenance.

Off-road driving is an exciting sport, and we hope you get true pleasure. The manual provides information on specific techniques and practical skills required to operate this vehicle.

In the process of manufacturing this vehicle, all existing and applicable laws and regulations regarding noise and exhaust gases were observed. Please read the driving rules and regulations for your region before operating this vehicle.

Before operating your new all-terrain vehicle, carefully and completely read this manual. It contains important safety information. Do not operate the all-terrain vehicle without proper instruction. Beginners should take a training course before operating this vehicle.

Do not allow children under 16 years of age to operate this vehicle. This may result in serious injury or death to the child. Even teenagers over the age of 16 may not have the practical skills, abilities, or skills necessary for the safe operation of an all-terrain vehicle, therefore they should operate this vehicle strictly under the supervision of an experienced driver even after completing a training course. For safety reasons, make sure that you can legally operate your vehicle, in this way you will show concern for the environment and respect for the rights of other people.

4 SAFETY INFORMATION

An all-terrain vehicle is not a toy and can be dangerous to operate.

Driving an all-terrain vehicle is different from driving other vehicles, including motorcycles and cars. Even when performing ordinary maneuvers,

such as turning, going uphill, or driving on rough roads, a collision or rollover of the vehicle can easily occur if all precautions are not taken.

Serious injury or death is possible if you do not follow these instructions:

Carefully read this manual and all safety markings and labels, follow the written operating instructions.

Do not operate an all-terrain vehicle without proper instruction. Take a training course. Beginners should take a course from a certified instructor.

Follow age recommendations, do not allow children under 16 years of age to operate an all-terrain vehicle.

It is forbidden to operate an all-terrain vehicle while under the influence of alcohol or drugs.

BL Motorcycles Ltd

Professional Workshop Manual - English Translation

Do not operate an all-terrain vehicle without a properly sized motorcycle helmet. It is also necessary to wear eye protection (goggles or safety glasses), gloves, boots, a long-sleeved shirt or jacket, and long pants.

Always be extremely careful and drive at a slow speed when driving on unfamiliar terrain. Be prepared for changes in terrain conditions when operating an all-terrain vehicle.

Do not operate an all-terrain vehicle on uneven, slippery roads and roads with damaged surfaces until you learn and acquire the practical skills necessary to control the all-terrain vehicle on such roads. Always be extremely careful when driving.

6 Always keep both hands on the steering wheel and both feet on the footrests while driving.

Before each use of the all-terrain vehicle, make sure that it is in good condition and safe to operate.

Always follow the inspection and maintenance rules specified in this manual.

Do not ride on the rear wheels, jump, or do other tricks.

7 Never choose a speed that is too high if it does not correspond to your skills and operating conditions. Always choose a speed according to the road, the degree of visibility, operating conditions, and your experience.

Never exceed the permissible load on the all-terrain vehicle. The transported cargo must be evenly distributed and securely fastened. Never carry passengers on the front and rear luggage racks. Reduce speed and follow the instructions in this manual when transporting cargo or a trailer. Leave a greater braking distance.

Never repair an all-terrain vehicle with improper equipment or tools.

Do not operate the all-terrain vehicle on slopes that are too steep for this vehicle and for your experience. Practice on small slopes before tackling big ones.

Always follow the appropriate instructions in this manual when going uphill. First, check the road surface. Never drive uphill on a road that is too slippery or has a damaged surface. Shift your weight forward.

Never abruptly open the throttle or shift gears on a slope. Never drive uphill at high speed.

Always use tires of the size and type specified in this manual. Make sure that the tire pressure corresponds to the pressure specified in this manual.

Always follow the appropriate procedures if the engine stalls or the vehicle rolls back while going uphill. In order to prevent the engine from stalling while going uphill, use the appropriate gear and maintain a steady speed. If the engine stalls or the vehicle rolls back, follow the special braking instructions in this manual.

8 Be careful when skidding or drifting. Learn to safely control skidding or drifting by practicing at a reduced speed on a level, smooth road. On extremely slippery surfaces, such as ice, drive slowly and be very careful to reduce the risk of skidding or drifting.

Never operate an all-terrain vehicle in rushing water or at a greater depth than recommended in this manual. If this is inevitable, move slowly, carefully balance your weight, do not make sudden movements, and maintain a slow and steady forward movement. Do not make sudden turns or stops, or abrupt throttle movements.

Remember that wet brakes reduce braking ability. Check the brakes after exiting the water. If necessary, press the brake several times to allow the brake pads to dry.

Always follow the appropriate instructions in this manual when descending and braking on a hill. Carefully inspect the road before descending. Shift your weight back.

Never descend a hill at high speed. Avoid descending a hill at an angle, which may cause the all-terrain vehicle to tilt to the side. Descend strictly down if possible.

Always follow the appropriate instructions in this manual when dismounting