

OWNER'S MANUAL

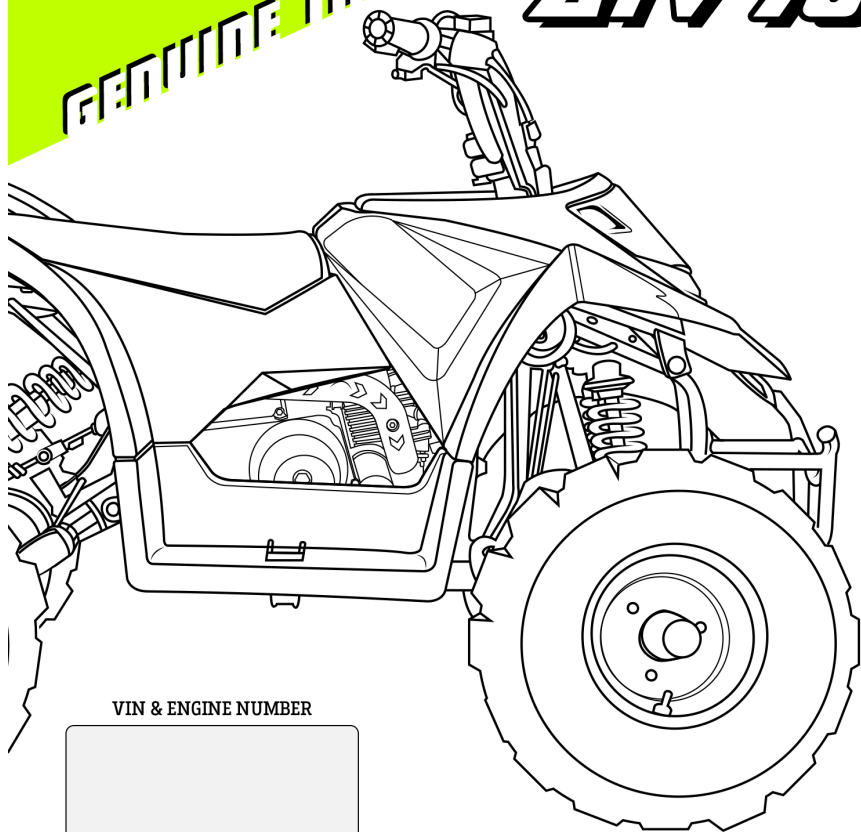


PACKS THE BIGGEST PUNCH

Read and understand this entire manual before riding. Thumpstar Motorbikes strongly recommend having this machine assembled by a skilled mechanic. Assembly should include, but is not limited to checking over the entire bike including the engine.

GENUINE THUMPSTAR

ATV 70cc



VIN & ENGINE NUMBER

NOTE:

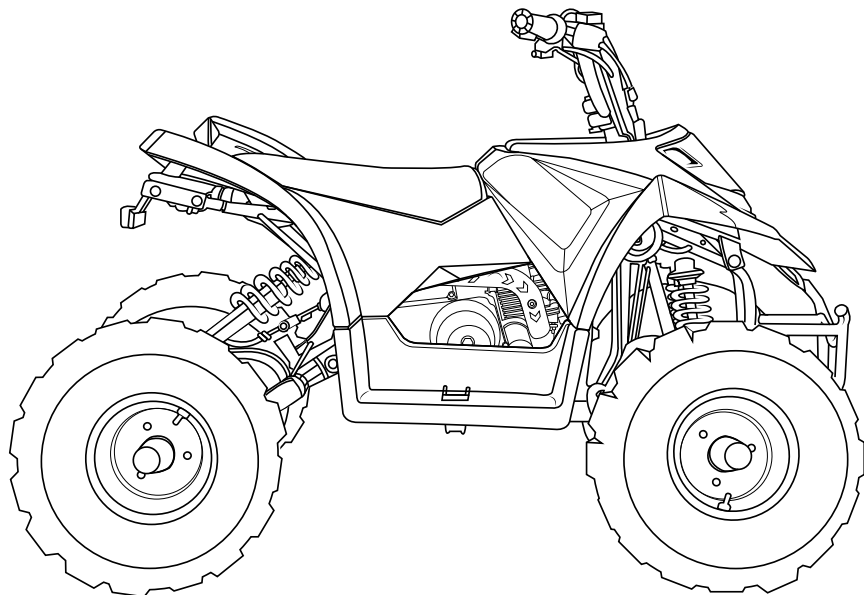
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f /thumpstarmoto
i /genuinethumpstar

MANUAL # 3627

Owner's Manual

ATV 70^{CC} VR-1



FOR OFF-ROAD USE ONLY

This vehicle is designed and manufactured for off-road use only.

It is illegal and unsafe to operate this machine on any public street, road and highway

This vehicle complies with all applicable off-road noise level and spark arrester laws and regulation in effect at the time of manufacture.

Thumpstar reserves the right to make changes at any time without notice and without incurring any obligation.

This publication includes the latest production information available before printing.

No part of this publication may be reproduced without written permission.

Please check your local riding laws and regulations before operating this machine

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Thank you for your purchase **Thumpstar ATV 70**

This manual will provide you with a clear understanding of the details and operation of this vehicle. This manual includes all of the necessary safety information. It provides information necessary to ride your vehicle and also includes basic service and inspection procedures.

AN IMPORTANT SAFETY MESSAGE

- Read this manual carefully and completely before operating your vehicle. Make sure you understand all instructions.
- Pay close attention to the warning and caution labels on the vehicle
- Never operate an atv without proper training or instruction.

IMPORTANT MANUAL INFORMATION

Failure to follow the warnings contained in this manual can result in **serious injury or death**.

Particularly important information is distinguished in this manual by the following notations:

WARNING	Failure to follow WARNING instructions could result in severe injury or death to the vehicle operator a bystander or a person inspecting or repairing the vehicle
CAUTION	A CAUTION indicates special precautions that must be taken to avoid damage to the vehicle
NOTE	A NOTE provides key information to make procedures easier or clearer

A Few Words About Safety

Your safety, and the safety of others, is very important. And operating this ATV safely is an important responsibility.

**DANGER!**

You **WILL** be **KILLED** or **SERIOUSLY HURT** if you don't follow instructions.

**WARNING!**

You **CAN** be **KILLED** or **SERIOUSLY HURT** if you don't follow instructions.

**CAUTION!**

You **CAN** be **HURT** if you don't follow instructions.

WARNING

	Always use an approved helmet & protective gear		Never use public roads
	Never carry passengers		Never use with drugs or alcohol

This section presents some of the most important information and recommendations to help you ride your motorcycle safely. Please take a few moments to read these pages. This section also includes a special message for parents and location information for the safety labels on your motorcycle.

WARNING SIGNS AND LABELS

Read and understand all of the labels on your Thumpstar ATV. They contain important information for safe and proper operation of your ATV.



Never remove any labels from your quad. If a label becomes difficult to read or comes off, a replacement label is available from your dealer.



CAUTION

Choke is off when switched to the down position. Choke is on when switched to the up position. Use choke when the bike is cold or difficult to start. Run no longer than 5 minutes with the choke on.



WARNING

No passengers on the bike. Ride at Your Own Risk as motorcycles are dangerous and should only be used by experienced riders.



WARNING

Gasoline is highly flammable. Use fresh clean gas 92 or higher, always turn the engine off during fueling to avoid fire or explosion. Always check for fuel leaks before riding.



WARNING

Chain and Sprocket are dangerous. Keep body parts clear when riding.

To drive an ATV is a serious matter and can be hazardous to operate. An ATV handles differently from other vehicles including motorcycles and cars. A collision or rollover can occur quickly, even during routine maneuvers such as turning and riding on hills or over obstacles, if you fail to take proper precautions

SEVERE INJURY OR DEATH can result if you do not follow these instructions:

- Never carry a passenger on an ATV
- Always avoid operating an ATV on any paved surfaces, including sidewalks, driveways, parking lots and streets.
- Never operate an ATV on any public street, road or highway nor a dirt or gravel one.
- Never operate an ATV without wearing an approved motorcycle helmet that fits properly. You should also wear eye protection (goggles or face shield), gloves, boots, long-sleeved shirt, or jacket, and long pants.
- Never consume alcohol or drugs before or while operating this ATV.
- Never operate at speeds too fast for your skills or the conditions.
- Never attempt wheelies, jumps, or other stunts.
- Always inspect your ATV each time you use it to make sure it is in safe operating conditions.
- Always follow the inspection and maintenance procedures and schedules described in this manual.
- Always keep both hands on the handlebars and both feet on the footboards of the ATV during operation.
- Never operate the ATV in fast flowing water or in water deeper than 25cm (10in)
- Always use the size and type tires specified in this manual. Always maintain proper tire pressure as described in this manual.
- Never modify the ATV through improper installation or use of accessories
- Never exceed the stated load capacity for an ATV. Cargo should be properly distributed and securely attached. Reduce speed and follow instructions in this manual for carrying cargo or pulling a trailer. Allow greater distance for braking while transporting cargo



WARNING!

Always turn off the engine when refueling.
Don't start or run the engine in a closed area to avoid potential hazard.



- | | |
|---------------------|-----------------------|
| 1. Rear Bumper | 6. Main Switch |
| 2. Seat Lock | 7. Handlebar |
| 3. Battery | 8. Throttle Lever |
| 4. Rear Brake Lever | 9. Speed Limiter |
| 5. Parking Brake | 10. Front Brake Lever |

MAIN SWITCH

Functions of the respective switch position are as follows:

ON: Engine can be started only at this position

OFF: All electrical circuits are switched off. The key can be removed in this position

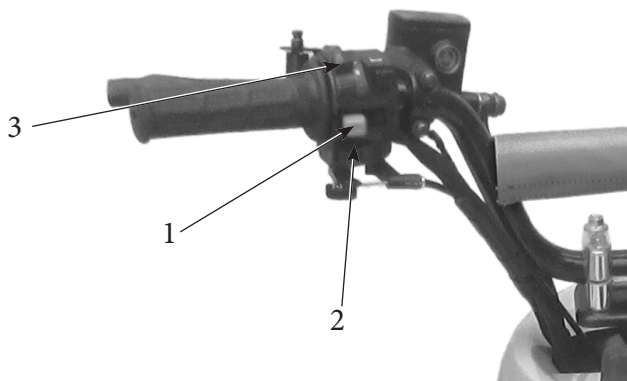


THROTTLE

Once the engine is running, movement of the throttle lever will increase the engine speed. Regulate the speed of the engine by varying the throttle position. Because the throttle is spring-loaded, the engine will decelerate, and the engine will return to an idle any time your finger is removed from the throttle to be sure it is operating smoothly. Make sure it returns to the idle position as soon as the lever is released.




HANDLEBAR SWITCHES



1. Engine Stop Switch (Red)
2. Start Switch
3. Lights Switch

ENGINE STOP SWITCH

The engine stop switch controls the ignition and can be used at all times to stop the engine, especially in an emergency. The engine will not start or run when the engine stop switch is turned to “”.

START SWITCH

The starter motor cranks the engine when this switch is pushed.



See starting instructions prior to starting engine

Lights switch

Turn the switch on for front light and taillight
(option accessory)

CAUTION!

Do not use the headlight with the engine turned off for more than 20 minutes. The battery may discharge to the point that the starter motor will not operate properly. If this should happen, remove the battery and recharge it, replace if necessary.

REAR BRAKE LEVER

The brake lever is located on the left side of the handle bar. Pull down on the lever to apply rear brake.

PARKING BRAKE

Apply the brake lever and then press down the stop-button to apply the parking brake. Squeeze the rear brake lever to release the parking brake.



SPEED LIMITER

The speed limiter keeps the throttle from fully opening, even when the throttle lever is pushed to the furthest position. Screwing in the adjuster limits the maximum engine power available and decreases the maximum speed of the ATV. For children's safety, the ATV has been adjusted to a speed under 15km/h (9.3 mph).

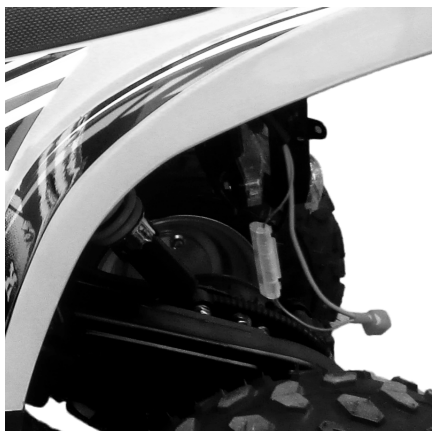


WARNING!

Do not turn the speed adjuster out more than 12mm (0.47in.)
Always make sure the throttle lever free play is 3~5mm (0.12~0.20in.)

SEAT

To remove the seat, pull the seat lock lever upward and pull up the seat at the rear.



To install the seat, insert the lobe on the seat front into the receptacle on the frame and push down the seat at the rear.

FUEL TANK CAP

Remove the fuel tank cap by turning it counterclockwise. Automotive gasoline with octane number of 91 or higher may be used. After refueling, be sure to tighten the tank cap firmly.



FRONT BRAKE LEVER

The brake lever is located on the right side of the handlebar. Pull down the lever to apply the front brake.



FRONT SHOCK ABSORBER ADJUSTMENT

The spring preload can be adjusted to suit the vehicle's load and riding conditions.

Spring preload adjustment:

- To increase the spring preload, turn the adjuster in direction a.
- To decrease the spring preload, turn the adjuster in direction b.

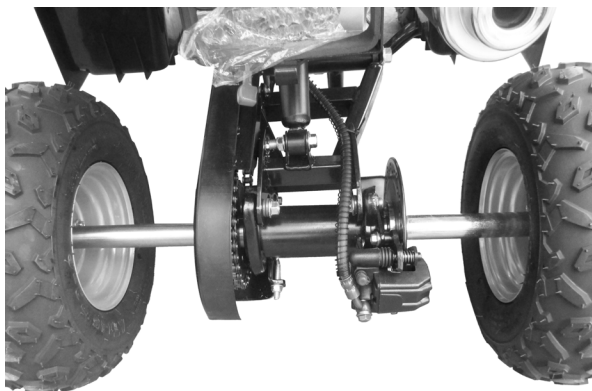


REAR SHOCK ABSORBER ADJUSTMENT

The spring preload can be adjusted to suit the vehicle's load and riding conditions.

Spring preload adjustment:

- To increase the spring preload, turn the adjuster in direction a.
- To decrease the spring preload, turn the adjuster in direction b.



Before using this ATV, check the following points:

ITEM	ROUTINE
Brakes	Check operation, free play. Check the combination of the brake lever, brake cable and pad. If the brake pad is becoming worn, please replace with a new one before use of the vehicle
Parking Brake	Check operation, condition and cable free play
Fuel Tank	Check fuel level. Fill with fuel if necessary.
Engine Oil	Check oil level. Fill with oil if necessary.
Throttle	Check for proper throttle cable operation
Wheels and Tires	Check tire pressure, wear and damage
Fittings and Fasteners	Check all fittings and fasteners
Lights	Check fluid level
Battery	Fill with distilled water if necessary

NOTE:

Always check each item in the above list prior to operating your ATV.

FRONT AND REAR BRAKES

1. Check the operation and free play of the lever. They should move smoothly and there should be firm feeling when the brakes are applied. If not, have the vehicle inspected by your dealer.
2. Brake Operation: Test the brakes at slow speed after starting to make sure they are working properly. If the brakes do not provide proper braking performance, inspect the brake pads for wear.

FUEL

Make sure there is sufficient fuel in the tank.

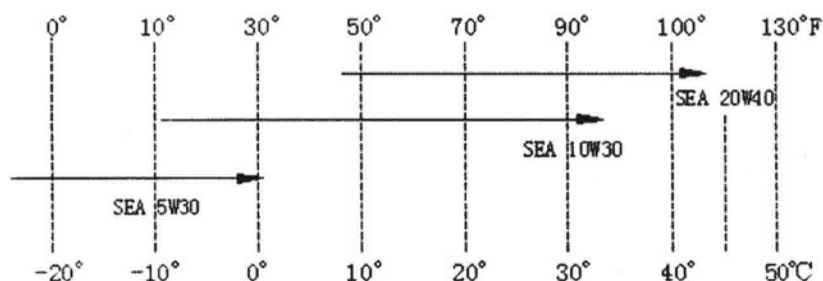
Fuel Tank Capacity: 3L

The engine has been designed to use regular gasoline with RON of 91 or higher

ENGINE OIL

Make sure the engine oil is at the specified level. Add oil if necessary.

Recommend oil:



Recommended engine oil classification. API Service SE, SF, SG type or higher

NOTE:

Do not add any anti-friction modifier to ensure proper clutch function.
Oil quantity in engine: 0.9 L (0.24 gal.)

THROTTLE LEVER

Check to see that the throttle lever operates correctly. It must open smoothly and spring back to idle position when released. Repair if necessary for proper operation.

LIGHTS

If you have installed lights, check the headlight and taillight to make sure they are in working condition. Repair if necessary for proper operation.

SWITCHES

Check the operation of the headlight switch, engine stop switch and any other switches. Repair if necessary for proper operation.

BATTERY

Check battery power, change the battery if electric power is getting poor.

TIRES

1. Recommend tires for this ATV listed below:

	ATV
Front	145/70-6 or 160/80-7
Rear	145/70-6 or 160/80-7



2. The tires should be set to the recommended pressure.

Recommended Tire Pressure:

Front 0.6-0.7 kgf/cm²

Rear 0.75-0.8 kgf/cm²

Check and adjust tire pressure when the tires are cold.

Tire pressures must be equal on both sides.

3. Tire pressure below the minimum specified could cause the tire to dislodge under severe conditions

Minimum Tire Pressure:

Front 0.55 kgf/cm²

Rear 0.55 kgf/cm²

4. Use no more than the following pressures when seating the tire beads.

Front 2.5 kgf/cm²

Rear 2.5 kgf/cm²

Higher pressures may cause the tire to burst. Inflate the tires very slowly and carefully. Fast inflation could cause the tire to burst.

5. Tire Wear Limit:

When the tire groove decreases to 3mm (0.12in.) due to wear, replace the tire.

WARNING!

To operate ATV without being familiar with all controls is extremely dangerous. Freezing control cables in cold weather is extremely dangerous. Make sure everything is working smoothly before starting.

TO START OUT AND ACCELERATE

1. Release the parking brake.
2. Open the throttle gradually.
3. Once the vehicle has attained adequate speed, release the throttle lever.
4. Open the throttle gradually.

TO DECELERATE

When slowing down or stopping, release the throttle and apply the brakes smoothly and evenly.



ENGINE BREAK-IN

NOTE:

The first 20hrs for engine brake-in is very important, never exceed the running condition listed below:

- **0~10 - HOURS**

Avoid continuous operation above half throttle. Allow a cooling off period of five to ten minutes after every hour of operation. Vary the speed of the vehicle from time to time. Do not operate it at one set throttle position.

- **10~20 - HOURS**

Avoid prolonged operation above 3/4 throttle. Rev the vehicle freely, but do not use full throttle at any time.

- **AFTER BREAK-IN**

Avoid prolonged full throttle operation. Vary speeds occasionally.

- **PARKING**

When parking, stop the engine. Turn the fuel cock to “OFF” and apply the parking brake.

- **PARKING ON THE SLOPE**

Avoid parking on slopes. If you must park on an incline, apply the parking brake, and block the wheels with rocks or other objects.

NOTE:

MAXING LOADING LIMIT

Vehicle loading limit (total weight or cargo, rider and accessories, and tongue weight): 60kg (132lbs)

PERIODIC SERVICE / LUBRICATION

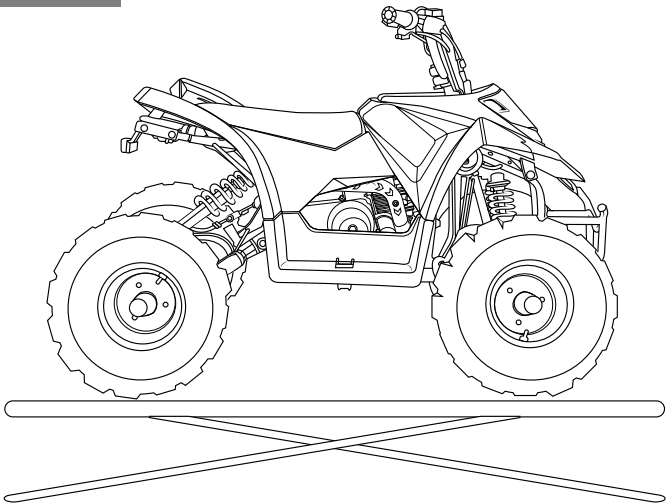
ITEM	ROUTINE	INITIAL			EVERY	
		1mo.	2mo.	3mo.	6mo.	1yr.
Valve	Check valve clearance Adjust if necessary	O		O	O	O
Spark Plug	Check condition Adjust gap and clean Replace if necessary	O	O	O	O	O
Air Filter	Clean Replace if necessary	Every 20 - 40 hours (more often if wet or dusty areas)				
Carburetor	Check idle speed/ starter operation Adjust if necessary		O	O	O	O
Cylinder Head Cover Breather System	Check breather hose for cracks or damage Replace if necessary			O	O	O
Exhaust System	Check leakage Retighten if necessary Replace gasket if necessary			O	O	O
Fuel Line	Check fuel hose for cracks or damage Replace if necessary			O	O	O
Engine Oil	Check oil level weekly Replace (Warm up engine before draining)	O		O	O	O
Engine Oil Starter	Clean	O		O		O

ITEM	ROUTINE	INITIAL			EVERY	
		1mo.	2mo.	3mo.	6mo.	1yr.
Brake	Check operation every time before driving Correct if necessary	O	O	O	O	O
Tires	Check pressure and wear Replaced if damaged	O	O	O	O	O
Wheel Bearings	Check bearing assembly for looseness or damage Replace if damage	O		O	O	O
Steering System	Check operation, replace if damaged Check toe-in, adjust if necessary	O	O	O	O	O
Battery	Check specific gravity Check that the breather hose is positioned properly					



WARNING!

Never service the engine while still running!



ENGINE

Left hand side



Right hand side



SPECIFICATIONS

70cc, 4 Stroke, Single Cylinder, Air Cooled

12v, C.D.I., Electric Start

Max Power: 3.7Kw/8500rpm approx.

Max Torque: 4.5Nm/6000rpm approx.

Transmission: Auto Clutch

ENGINE OIL

1. Engine oil level measurement

- a. Place the vehicle on a level surface.
- b. Warm up the engine for several minutes and stop it.
- c. Wait a few minutes until the oil level settles before checking.
- d. Remove the dipstick and wipe it off with a clean rag. Insert the dipstick in the filler hole without screwing it in.
- e. Remove the dipstick and inspect the oil level.
- f. The oil level should be between the maximum and minimum marks. If the level is low, add oil to raise it to the proper level.



CAUTION!

Be sure no foreign materials enter the crankcase.

2. Engine oil replacement and oil strainer cleaing

- a. Place the vehicle on a level surface.
- b. Warm up the engine for several minutes to stop it.
- c. Place a container under the engine.
- d. Remove the dipstick and drain plug to drain the oil.

IDLE SPEED ADJUSTMENT

NOTE:

A diagnostic tachometer must be used for this procedure.

1. Start the engine and warm it up for a few minutes at approximately 1000 to 2000 r/min. Occasionally rev the engine to 4000 to 5000 r/min. The engine is warm when it quickly responds to the throttle.
2. Connect the tachometer and set the idle to the specified idling speed by adjusting the throttle stop screw. Turn the screw into increase engine speed and out to decrease engine speed.

SPECIFIED IDLE SPEED: 1700RPM \pm 100



Idle Speed
Adjusting Screw

THROTTLE LEVER ADJUSTMENT

NOTE:

Adjust the engine idling speed before adjusting the throttle lever free play.

1. Loosen the lock nut.
2. Turn the adjusting bolt until the throttle lever free play is 3 ~ 5 mm (0.12 ~ 0.20 in.).
3. Tighten the locknut.



THROTTLE LEVER ADJUSTMENT

The rear brake free play should be 20 ~ 25 mm (0.80 ~ 1.0 in.). If the free play is incorrect, adjust it as follows:

1. Raise the rear side of vehicle to make rear tires leave from the ground.
2. Turn the rear wheels and turn the bolt and nuts on these 2 positions to adjust the caliper only with a suitable brake condition.

3. Tighten the nuts and test the adjustment result, if it's still not adequate, do the same process again.



BRAKE LEVER LUBRICATION

Lubricate the pivot of each lever and pedal.
Please use SAE 10W30 motor oil.

FUSE REPLACEMENT

If the fuse is blown, turn off the main switch and install a new fuse of the specified amperage. Then turn on the switches. If the fuse immediately blows again, consult your dealer.

Specified Fuse: A/250V

1. MAIN FUSE



WARNING!

Never use an improper fuse.

An improper fuse can cause damage to the electrical system which could lead to fire.



CAUTION!

To prevent accidental short-circuiting, turn off the main switch when checking or replacing a fuse.

BATTERY ASK FOR NO REPLACEMENT

1. Old style battery will corrode and discharge if not maintained. The battery fluid should be checked at least once a month
2. FA-A70 adopts new style battery asks for no replenishment. Just enjoy easy use and sound performance.

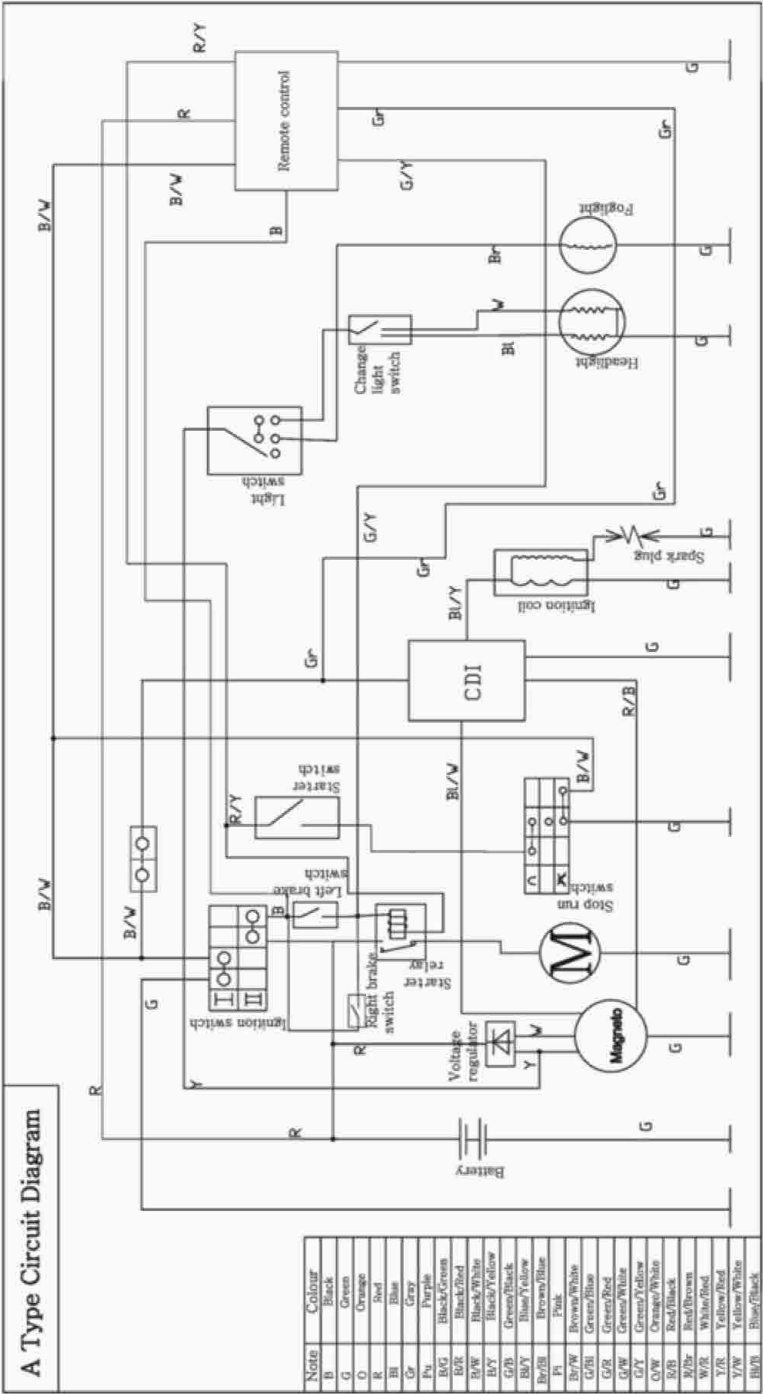


REPLACING THE HEADLIGHT BULB

If the headlight bulb is burnt, remove the headlight unit assembly, take out the defective bulb and replace a new one.

Air Filter cleaning

1. Remove the set.
2. Remove the air filter case cover.
3. Remove the air filter element, and separate it from the guide.
4. Blow the dust on element off with air or replace it.



Frequent cleaning and polishing will keep your Thumpstar looking newer longer. Frequent cleaning also identifies you as an owner who values your ATV. A clean ATV is also easier to inspect and service.

While you're cleaning, be sure to look for damage, wear, and gasoline or oil leaks.

GENERAL RECOMMENDATIONS

- To clean your ATV, you may use:
 - Water
 - A mild, neutral detergent and water
 - A mild spray and wipe cleaner/polisher
 - A mild spray and rinse cleaner/degreaser and water
- Avoid products that contain harsh detergents or chemical solvents that could damage the metal, paint, and plastic on your ATV.
- If your ATV is still warm from recent operation, give the engine and exhaust system time to cool off.
- We recommend the use of a garden hose to wash your ATV. High pressure washers (like those at coin-operated car washes) can damage certain parts of your ATV. If you use a high pressure washer, avoid spraying the following areas:
 - air filter
 - wheel hubs
 - muffler outlet
 - area under seat
 - engine stop switch
 - under fuel tank
 - carburetor
 - drive chain

NOTICE:

High pressure water (or air) can damage certain parts of your ATV.

WASHING YOUR ATV WITH A MILD DETERGENT

1. Rinse your ATV thoroughly with cool water to remove loose dirt.
2. Fill a bucket with cool water. Mix in a mild, neutral detergent, such as dish washing liquid or a product made especially for washing ATV
3. Wash your ATV with a sponge or a soft towel. As you wash, check for heavy grime. If necessary, use a mild cleaner/ degreaser to remove the grime.
4. After washing, rinse your ATV thoroughly with plenty of clean water to remove any residue.
5. Dry your ATV with a chamois or a soft towel. Leaving water on the surface to air dry can cause dulling and water spots. As you dry, inspect for chips and scratches.
6. Lubricate the drive chain to prevent rusting.
7. Start the engine and let it idle for several minutes. The engine heat will help dry moist areas.
8. As a precaution, ride at a slow speed and apply the brakes several times. This will help
9. dry the brakes and restore normal braking
10. performance.

EXHAUST PIPE AND MUFFLER MAINTENANCE

When the exhaust pipe and muffler are painted, do not use a commercially available abrasive kitchen cleaning compound. Use a neutral detergent to clean the painted surface on the exhaust pipe and muffler. If you are not sure if your exhaust pipe and muffler are painted, contact your dealer.

TIPS

Here's helpful advice on how to prepare for an off-road adventure, how to transport and store your Thumpstar unit, and how to be an environmentally responsible ATV owner.

Spraying WD40 or similar product on metal parts will help protect the ATV (*never spray WD40 near the brakes*)

A safe and enjoyable ride begins with good planning and preparation. Always ride with at least one other person in case you have trouble, and let someone know where you're going and when you expect to return.

Before riding in an unfamiliar area, find out in advance if you need special permits, get maps so you can study the terrain, and talk to other riders who know the area. The Forest Service and the Bureau of Land Management (USA only), the Ministry of Natural Resources (Canada only), riding clubs, and off-road magazines are good sources of information.

WHAT TO TAKE TO THE RIDING AREA

Along with your ATV and riding gear, you should take along some tools and supplies in case you have a problem.

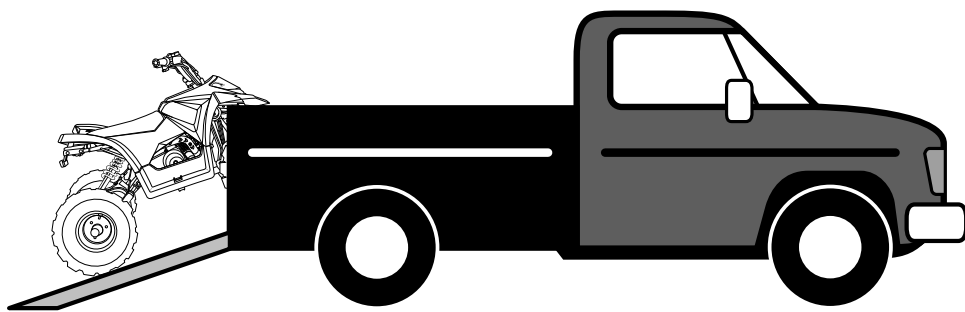
We recommend that you always take water, food, a first aid kit, and your owner's manual. Other items you should consider loading on your truck or trailer include:

- a tool kit
- tire repair supplies and tools, tubes, and tires
- extra parts, such as a drive chain and master links, control levers, air filter, cables, and spark plugs
- wire, duct tape, and rope
- extra gasoline

For safety, all refueling should be done at a gas station on the way to the riding area or at your base camp.

If you use a truck or ATV trailer to transport your Thumpstar, we recommend that you follow these guidelines:

- Use a loading ramp.
- Make sure the fuel valve is off.
- Secure the ATV in an upright position, using tie-down straps. Avoid using rope, which can loosen and allow the ATV to fall over.



To secure your Thumpstar ATV, brace the front wheel against the front of the truck bed or trailer rail. Attach the lower ends of two straps to the tie-down hooks on your vehicle. Attach the upper ends of the straps to the handlebar (one on the right side, the other on the left), close to the fork.

WHAT TO TAKE ON THE TRAIL

What you take with you during a ride depends on the kind of terrain, how long you expect to ride, how far you might go from your base camp or help, and how experienced you or your companions are in making repairs.

If you decide to take some tools, spare parts, or other supplies on the trail, be sure you can carry them safely and know how to use them. Also, be sure to follow the loading guidelines and weight limit.

Owning and riding a ATV can be enjoyable, but you must do your part to protect nature. When you show respect for the land, wildlife, and other people, you also help preserve the sport of off-road riding.

Following are tips on how you can be an environmentally responsible ATV owner.

Tread Lightly - Stay on existing roads and trails, avoid surfaces that are easily damaged, and ride only in areas approved for off-road vehicles

Keep the Noise Down - Loud ATVs can be offensive. Ride as quietly as possible, don't remove your spark arrester, and don't modify the muffler or any other part of your air intake and exhaust systems. Such modifications not only increase noise, they also reduce engine performance and may be illegal.

Choose Sensible Cleaners - Use a biodegradable detergent when you wash your ATV. Avoid aerosol spray cleaners that contain chlorofluorocarbons (CFCs) which damage the atmosphere's protective ozone layer. Don't throw cleaning solvents away; see the following guidelines for proper disposal.

RecycleWastes - It's illegal and thoughtless to put used engine oil in the trash, down a drain, or on the ground. Used oil, gasoline, and cleaning solvents contain poisons that can hurt people and contaminate our drinking water, lakes, rivers, and oceans. Before changing your oil, make sure you have the proper containers. Put oil and other toxic wastes in separate sealed containers and take them to a recycling center. Call your local or state office of public works or environmental services to find a recycling center in your area and get instructions on how to dispose of non-recyclable wastes.

With all the challenges you can encounter offroad, there's a chance that sometime something may go wrong. This section gives practical advice to help you deal with a wide range of problems. Take time to read this section before you ride.

GENERAL GUIDELINES

If something goes wrong during a ride, the first thing to do is stop as soon as you safely can. Do not continue riding if you have a flat tire, or you hear an unusual noise, or your ATV just doesn't feel right. If you continue riding, you could cause more damage and endanger your own safety.

After a stop, take time to assess the situation. Carefully inspect your ATV to identify the problem, then consider your options before you decide what to do.

If a problem is relatively minor and you have the tools, supplies, and skills to make a permanent repair, you may be able to fix it on the trail and continue riding. Or, you may be able to make a temporary repair that allows you to slowly ride back to your base where you can make a permanent repair or get help.

When a problem is more serious or you don't have the tools, supplies, experience, or time to deal with it you need to choose the safest way to get yourself and your ATV back to base. For example, if you are close enough, you (or you and another person) might be able to push it back.

Whatever the problem, the most important rules are:

- Always put personal safety first.
- If you made temporary repairs, be sure to have permanent repairs made as soon as possible.
- Do not continue riding if you are hurt or your ATV is not in safe riding condition.

Additional recommendations for specific problems follow.

IF YOUR ENGINE QUILTS OR WON'T START

If you have a problem starting the engine or experience poor engine performance the following information may help you. If you can't correct the problem, see or talk to your Thumpstar **Certified Motorcycle Mechanic**.

SYMPTOM	Engine starts, but runs poorly.
POSSIBLE CAUSE	WHAT TO DO
idles roughly, too fast, stalls	Check engine idle adjustment. Check fuel hose is not blocked. If the problem persists, see or talk to your Thumpstar Certified Motorcycle Mechanic .
runs erratically, misfires	See or talk to your Thumpstar Certified Motorcycle Mechanic .
blubbers (rich fuel mixture)	See or talk to your Thumpstar Certified Motorcycle Mechanic .
sooty exhaust (rich fuel mixture)	See or talk to your Thumpstar Certified Motorcycle Mechanic .
detonates or pings under load	If applicable, switch to the recommended octane gasoline or change your brand of gasoline. If the problem persists, see your Certified Motorcycle Mechanic .
afterfires (backfires)	See or talk to your Thumpstar Certified Motorcycle Mechanic .
pre-ignition (runs on after ignition switched OFF)	See or talk to your Thumpstar Certified Motorcycle Mechanic .

SYMPTOM	Fuel leaks from carburetor overflow
POSSIBLE CAUSE	WHAT TO DO
float not adjusted right	Remove carburetor and adjust float correctly
debris blocking fuel shut-off valve	Remove carburetor and clean the jet

SYMPTOM	Does not start
POSSIBLE CAUSE	WHAT TO DO
faulty kill switch	Disconnect kill switch
no fuel	Check carburetors getting fuel by removing drain screw
no spark	Remove spark plug and do a spark test

IF YOU HAVE A FLAT TIRE

How you handle a flat tire on the trail depends on how serious the tube or tire damage is, and what tools and supplies you have with you.

If you have a slow leak or a minor puncture, there are two ways to try making a temporary repair:

- Use an aerosol tire sealer to seal the puncture and inflate the tube. (This can be done without removing the tire or wheel.)
- Use a tube patch kit to repair the puncture. (This requires removing the tire.)

If the leak is more serious, or a temporary repair doesn't hold, the tube must be replaced. The tire will also need to be replaced if it is damaged. Replacing a tube or tire involves removing and re-installing the wheel.

If you are unable to repair a flat tire on the trail, you will need to push the ATV back to your base or send for help. We strongly recommend that you do not try to ride with a flat tire. The ATV will be hard to handle, and if the tire comes off the rim, it may lock up the wheel and cause you to crash.



WARNING

Riding your ATV with a temporary tire repair can be risky. If the temporary repair fails, you can crash and be seriously injured or killed. If you must ride with a temporary tire repair, ride slowly and carefully until the tire is permanently repaired or replaced.

IF YOU CRASH

Personal safety is your first priority after a crash. If you or anyone else has been injured, take time to assess the severity of the injuries and whether it is safe to continue riding. If you cannot ride safely, send someone for help. Do not ride if you will risk further injury.

If you decide that you are capable of riding safely, first evaluate the condition of your ATV. If the engine is still running, turn it off and look it over carefully; inspect it for fluid leaks, check the tightness of critical nuts and bolts, and secure such parts as the handlebar, control levers, brakes, and wheels.

If there is minor damage, or you are unsure about possible damage but decide to try riding the ATV back to your base, ride slowly. Personal safety is your first priority after a crash and cautiously.

Sometimes, crash damage is hidden or not immediately apparent. When you get home, thoroughly check your ATV and correct any problems you find. Also, be sure to have your **Certified Motorcycle Mechanic** check the frame and suspension after any serious crash.

IF A COMPONENT FAILS

The drive chain, master link, brake lever or pedal, control cables, and other components can be damaged as you ride in dense brush or over rocky terrain. Making a trailside repair depends on how serious the damage is and what tools and supplies you have with you.

- If the drive chain comes off because the master link clip gets knocked off, you may be able to put the chain back on with a new master link. However, if the chain breaks or does other damage when it comes off, you may not be able to make a trailside repair.
- If any component of the front brake system is damaged, you may be able to ride carefully back to your base using the rear brake for slowing or stopping.
- If you damage a throttle cable or other critical component, your ATV may be unsafe to ride. Carefully assess the damage and make any repairs that you can. But if there is any doubt, it's best to be conservative and safe.

This section contains technical information by how to identify your ATV



VIN PLATE



ENGINE NUMBER

VIN: Vehicle Identification Number is a serial number to identify your Thumpstar

Engine: The first 6-7 digit is the engine model number, usually letters and numbers which purpose is for spare parts and detailed specifications. The 2nd group of numbers usually 9 digit is similar to your VIN which is a serial number to identify your particular engine.

“1P44FZB” engine model “160726227” engine serial number

Model No: To identify the model of your Thumpstar

Displacement: Engine size of your Thumpstar

Version No: To identify which version your model is, Thumpstar models are categorized by version number rather than by model year, so to find the correct OEM parts you will need the version number.

Tip: if a model is a version 1, 1.1, 1.2, 1.3 they are all in the same version family, meaning that 95% of the spare parts will be the same, usually a change in color or minor part like carburetor or exhaust system. If is a version 2, 2.1 then major components have been changed like plastics, frame or engine.

Max Weight: Maximum weight a rider can be to operate this motorcycle

Net Weight: The total weight of your motorcycle.

Date: This is the date of manufacture and does not determine the model year or version number

Some conventional gasolines are being blended with alcohol or an ether compound. These gasolines are collectively referred to as oxygenated fuels. To meet clean air standards, some areas of the United States and Canada use oxygenated fuels to help reduce emissions.

If you use an oxygenated fuel, be sure it is unleaded and meets the minimum octane rating requirement.

Before using an oxygenated fuel, try to confirm the fuel's contents. Some states/ provinces require this information to be posted on the pump.

The following are the EPA-approved percentages of oxygenates:

ETHANOL (ethyl or grain alcohol) 10% by Volume.

You may use gasoline containing up to 10% ethanol by volume. Gasoline containing ethanol may be marketed under the name "Gasohol"

MTBE (Methyl Tertiary Butyl Ether) 15% by Volume

You may use gasoline containing up to 15% MTBE by volume.

METHANOL (methyl or wood alcohol) 5% by Volume

You may use gasoline containing methanol containing up to 5% methanol by volume as long as it contains cosolvents and corrosion inhibitors to protect the fuel system. Gasoline containing more than 5% methanol by volume may cause starting and/or performance problems. It may also damage metal, rubber, and plastic parts of your fuel system.

If you notice any undesirable operating symptoms, try another service station or switch to another brand of gasoline.

Fuel system damage or performance problems resulting from the use of an oxygenated fuel containing more than the percentages of oxygenates mentioned above are not covered under warranty.

Oxygenated fuels can damage paint and plastic. Be careful not to spill fuel when filling the fuel tank. Wipe up any spills immediately.

ATV 70

ENGINE AND TRANSMISSION

Engine	Single Cylinder 4 Stroke Air Cooled
CC Rating	70cc
Gearbox	Automatic
Starter	Electric Start
Carburetion	PZ19
Exhaust	Standard 28mm Exhaust System
Final Drive	428 Chain

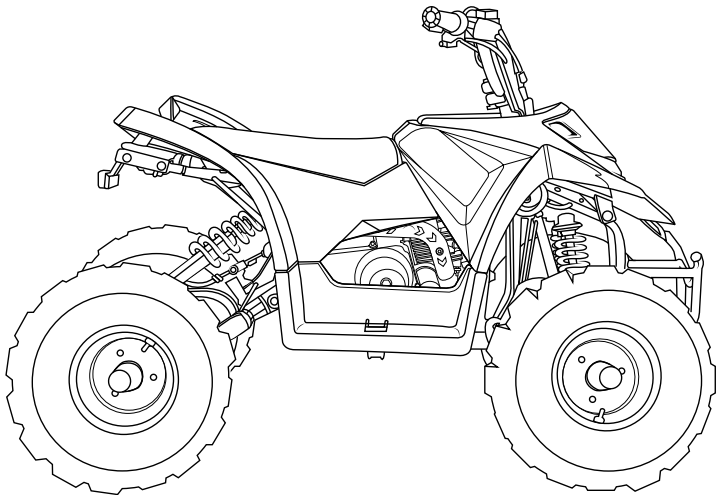
SUSPENSION, BRAKES AND WHEELS

Suspension Front	Double A-Arm Dual Shock Length 320mm
Suspension Rear	Mono shock 270mm
Brakes Front	Drum
Brakes Rear	Disc Single Piston Dual Park Brake
Wheel & Tyre Front	Steel Rim Tubeless 145/70 - 6"
Wheel & Tyre Rear	Steel Rim Tubeless 145/70 - 6"

DIMENSIONS AND WEIGHT

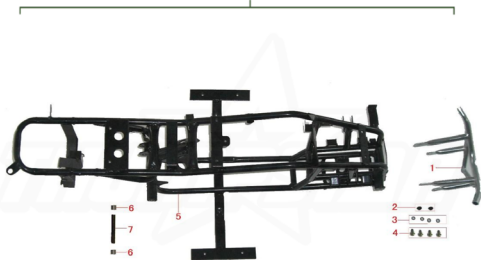
Wheelbase	830mm 33"
Seat Height	620mm 24"
Carton Dimentions	1200×760×640mm .60m3
Weight (n.w/g.w)	85kgs
Tank Capacity	4.3 Litres 1.1gallon

SPARE PART CATALOGUE | ATV70



CHASSIS

A - Assembly



POS	PART NO.	ENGLISH NAME	QTY	NAME	SPECIFICATION
A		Complete Assembly		[1]	
1	1.4.06.0020	bumper	1	保险杠	
2	1.4.02.1010	Bumper block	2	保险杠堵头	
3	0.04.00710	WASHER 8	4	弹垫8 发黑	
4	0.01.05120	Bolt M8*16 yellow zinc plated	4	螺栓M8*16 镀锌锌	
5	1.1.06.0012	frame	1	车架	
6	1.3.02.0050	spacer washer for rear swingarm	2	后平叉减震套	
7	1.3.06.0030	sleeve for rear swingarm	1	后平叉内衬管	

PLASTIC COVERS

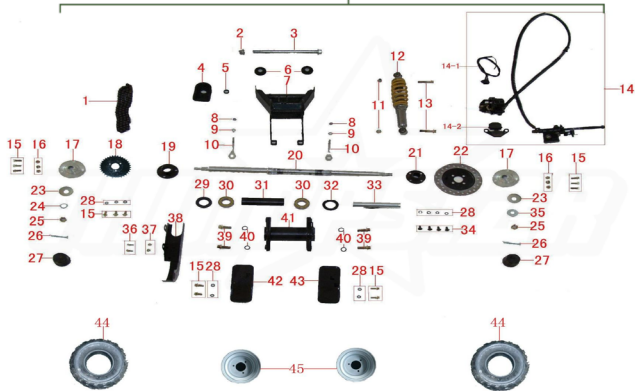
A - Assembly



POS	PART NO.	ENGLISH NAME	QTY	NAME	SPECIFICATION
A		Complete Assembly		[2]	
1	5.2.06.0010	headlight	1	前大灯	
1-1	5.2.02.0110	bulb for small headlight	2	小灯灯泡	
1-2	5.2.06.0020	bulb for big headlight	1	前大灯灯泡	
2	0.02.02650	cross recess head screw ST4.2*14	8	十字槽盘头自攻螺钉ST4.2*14 镀白锌	
3	0.04.01650	washer 4	4	垫片4 镀白锌	
4	0.02.02650	cross recess head screw ST4.8*14	10	十字槽盘头自攻螺钉ST4.2*14 镀白锌	
5	0.01.00420	bolt M6*16 yellow zinc plated	2	螺栓 M6x16 镀锌锌	
6	6.2.06.005001	front panel (black)	1	前面板(黑)	
	6.2.06.005003	front panel (red)	1	前面板(红)	
7	0.03.02920	Nut M6	12	螺母M6(防滑)	
8	0.04.00150	washer 6	12	垫片6 镀白锌	
9	6.2.02.0130	307 rubber washer	12	307橡胶垫	
10	8.1.02.0030	mashroom head bolt M6*16	16	大扁头螺栓M6*16	
11	6.2.06.003001	front body cover (black)	1	前车衣主体(黑)	
	6.2.06.003002	front body cover (red)	1	前车衣主体(红)	
12	6.2.06.0010	footrest left	1	左脚踏板	
13	2.9.06.0010	fuel tank assy	1	油箱总成	
13-1	2.9.06.0020	fuel tank cap	1	油箱盖	
14	2.9.06.0030	switch for fuel tank	1	油箱开关	
15	2.9.02.0030	fuel pipe	1	油管	
16	6.2.06.0020	footrest right	1	右脚踏板	
17	0.01.00420	bolt M6*16 yellow zinc plated	2	螺栓 M6x16 镀锌锌	
18	6.2.06.004001	rear body cover (black)	1	后车衣主体(黑色)	
	6.2.06.004002	rear body cover (red)	1	后车衣主体(红)	
19	6.1.04.0020	washer for seat	2	坐垫避震块	
20	6.1.06.0010	seat	1	坐垫	
21	5.2.02.0050	rear reflector (red)	1	后反射器(红)	
22	1.4.02.0040	bracket for taillight	1	尾灯安装支架	
23	5.2.02.0011	taillight	1	后尾灯	

REAR SWINGARM

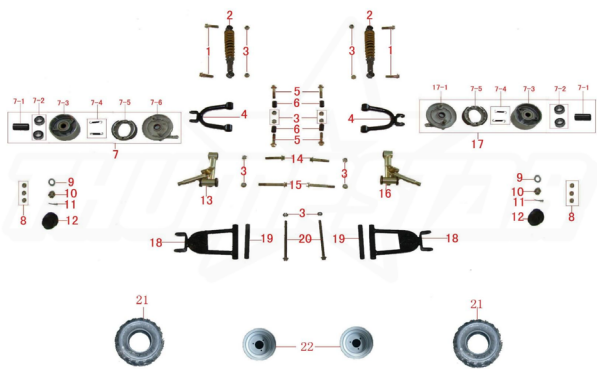
A - Assembly



POS	PART NO.	ENGLISH NAME	QTY	NAME	SPECIFICATION
A		Complete Assembly			
1	2.3.02.0030 [3]	chain 420-76	1	链条420-76	
2	0.03.00850	nut M14*1.4	1	螺母M14*1.4 镀白锌	
3	1.3.06.0051	Bolt M14*1.5*230 for rear swingarm	1	后平叉安装螺栓M14*1.5*230	
4	4.1.06.0140	abrasion-resistant cover	1	耐磨套	
5	4.1.06.0150	spacer washer abrasion-resistant cover	1	耐磨套衬套	
6	1.2.02.0081	Steel sheet washer	2	皮钢垫圈	
7	1.3.06.0011	rear swingarm	1	后平叉	
8	0.03.02250	locknut M8	2	锁紧螺母M8 镀白锌	
9	0.04.00350	washer 8	2	垫片8 镀白锌	
10	4.1.03.0120	rear jack	2	千斤	
11	0.03.00520	Nut M10*1.25	2	螺母M10*1.25 镀彩锌	
12	4.2.06.0021 [4]	Rear shock absorber	1	后减震	
13	0.01.07420	Bolt M10*1.25*42	2	螺栓M10*1.25*42 镀彩锌	
14	4.3.02.0013 [5]	rear hydraulic disc brake	1	后液压碟刹	
14-1	5.3.02.0250	cable for brake switch	1	刹车开关线束	
14-2	4.3.02.0030	brake pads	1 set(2 Pcs)	碟刹摩擦片	
15	0.01.00920	bolt M8*20 yellow zinc plated	13	螺栓M8*20 镀彩锌	
16	0.03.00120	nut M8 yellow zinc plated	6	螺母M8 镀彩锌	
17	4.1.02.0251	rear wheel hub	2	后轮毂	
18	4.1.02.1310	sprocket 420-37	1	链轮盘420-37	
19	4.1.02.0031	Housing for sprocket	1	链轮盘座	
20	4.1.02.0012	rear axle	1	后轴	
21	4.1.02.0061	seat for brake disc	1	刹车盘座	
22	4.1.02.0073	brake disc	1	刹车盘	
23	4.1.02.0130	dustproof washer	2	防尘垫片	
24	0.04.03050	washer 14*28*2	1	垫片14*28*2 镀白锌	
25	0.03.01620	slotted nut M14*1.5	2	开槽螺母M14*1.5 镀彩锌	
26	0.08.02100	cotter pin 2.5*30	2	开口销2.5*30	

FRONT SUSPENSION

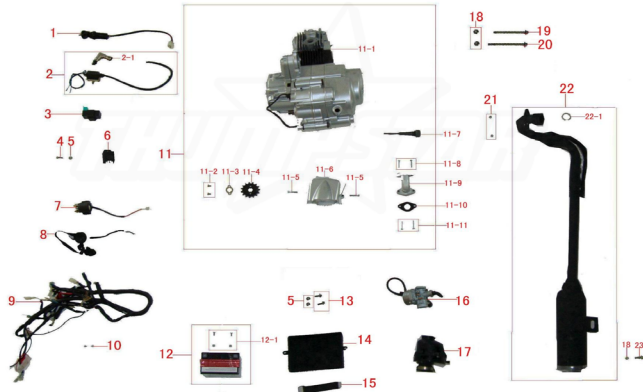
A - Assembly



POS	PART NO.	ENGLISH NAME	QTY	NAME	SPECIFICATION
A		Complete Assembly		[8]	
1	0.01.07420	Bolt M10*1.25*42	4	螺栓M10*1.25*42 镀锌件	
2	4.2.06.0011	front shock absorber	2	前减震	
3	0.03.00520	Nut M10*1.25	14	螺母M10*1.25 镀锌件	
4	1.3.02.0010	Up A-arm	2	上摇臂	
5	0.01.05620	Bolt M10*1.25*45	4	螺栓M10*1.25*45 镀锌件	
6	1.3.02.0070	Sleeve for top A-arm	4	上摇臂内衬管	
7	4.3.02.0180 [7]	front left drum brake assy	1	左前鼓刹组件	
7-1	4.1.02.0221	sleeve for front wheel hub	2	前轮毂内衬管	
7-2	0.05.01400	modified bearing 6003Z	4	轴承6003Z	
7-3	4.3.02.0130	front drum brake body	2	前鼓刹体	
7-4	4.3.02.0160	spring for front drum brake	4	前鼓刹弹簧	
7-5	4.3.02.0070	brake shoes for front drum	4	前轮鼓刹摩擦片	
7-6	4.3.02.0140	left side cover of drum brake	1	鼓刹左盖	
8	0.03.00120	nut M8 yellow zinc plated	6	螺母M8 镀锌件	
9	0.04.03050	washer 14*28*2	2	垫片14*28*2 镀锌件	
10	0.03.01620	slotted nut M14*1.5	2	开槽螺母 M14*1.5 镀锌件	
11	0.08.02100	cotter pin 2.5*30	2	开口销2.5*30	
12	4.1.02.0100	dustproof cover for wheel	2	防尘套	
13	3.1.06.0020 [8]	Y-bone left	1	左羊角组件	
14	0.01.04620	Bolt M10*1.25*55	2	螺栓M10*1.25*55 镀锌件	
15	0.01.04320	Bolt M10*1.25*85	2	螺栓M10*1.25*85 镀锌件	
16	3.1.06.0030 [9]	Y-bone right	1	右羊角组件	
17	4.3.02.0190 [10]	right drum brake assy	1	右前鼓刹组件	
17-1	4.3.02.0150	right cover for drum brake	1	鼓刹右盖	
18	1.3.06.0021	down A-arm	2	下摇臂	
19	1.3.03.0050	sleeve for down A-arm	2	下摇臂内衬管	
20	0.01.07220	Bolt M10*1.25*155	2	螺栓M10*1.25*155 镀锌件	
21	4.1.02.0180	front tyre 16/8-7	2	前轮胎16/8-7	
22	4.1.02.0490	rim 7"	2	轮辋(7寸)	

ELECTRICALS

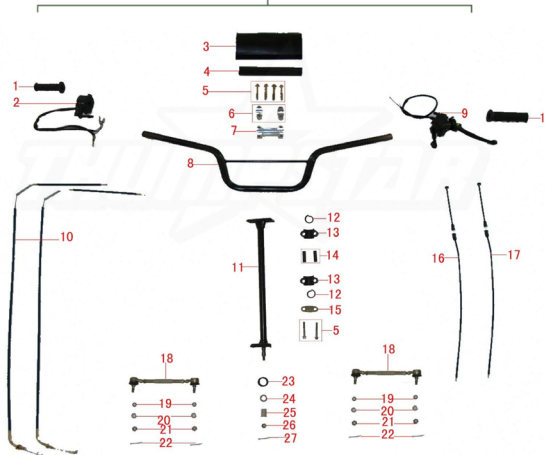
A - Assembly













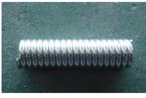
POS	PART NO.	ENGLISH NAME	QTY	NAME	SPECIFICATION
A		Complete Assembly		[11]	
1	5.3.02.0370 [12]	key switch	1	电门锁	
2	5.3.04.0092	voltage	1	高压包	
2-1	5.3.04.5000	cap for voltage	1	高压包帽	
3	5.3.02.0070	ignition	1	点火器	
4	0.01.00320	Bolt M6*12	1	螺栓M6*12 镀锌锌	
5	0.03.00220	nut M6	1	螺母M6(防滑)	
6	5.3.02.0081 [13]	regulator	1	稳压器	
7	5.3.02.0050	relay	1	继电器	
8	5.3.02.0062	emergency switch	1	紧急熄火开关	
9	5.3.06.0015	main cable	1	电缆总成	
10	5.3.02.0290	fuse	1	保险丝	
11	2.1.02.0024	70cc engine	1	90cc自动波发动机	
11-1		engine assembly	1	发动机组件(裸机)	
11-2	380070004-0001	Bolt M6*8	2	螺栓M6*8 镀锌锌 8.8级	
11-3	0.04.04930	washer for gear	1	小飞安装垫片	
11-4	2.1.02.1160	flywheel 420-14	1	小飞420-14	
11-5	0.01.00500	bolt M6*32	2	螺栓M6*32 镀白锌 8.8级	
11-6	7.6.0033	engine side cover	1	发动机链条盖	
11-7	2.1.02.1320	oil level gauge	1	机油尺	
11-8	0.01.11350	bolt M6*20	2	螺栓M6*20 镀白锌 8.8级	
11-9	2.8.02.0021	intake pipeXS60	1	进气管XS60	
11-10	7.6.9004	rubber washer for intake pipe	1	进气管胶垫	
11-11	380070080-0005	BOLT,HEXAGONAL WITH FLANGE	2	六角头螺栓	
12	5.3.21.0040 [14]	battery (12V 9AH)	1	电池 (12V 9AH)	
12-1	7.6.9003	bolt for the battery	1 set(2pcs)	电池安装螺栓	
13	0.01.00420	bolt M6*16	1	螺栓M6*16 镀锌锌	
14	6.2.06.0060	battery cover	1	电池盒盖	
15	6.2.07.0060	belt for battery	1	电池扣带	
16	2.8.03.0013	carburetor PZ19L-037e	1	化油器PZ19L-037e	
17	2.5.03.1000	airfilter	1	空滤器	
18	0.03.00120	Nut M8	3	螺母M8 镀锌锌	
19	0.01.15520	Bolt M8*105	1	螺栓M8x105 镀锌锌	
20	0.01.05920	Bolt M8*110	1	螺栓M8x110 镀锌锌	
21	0.03.02350	Nut M6	4	螺母 M6 (加厚) 镀白锌	
22	2.4.06.0012	muffler	1	消音器	
22-1	2.4.03.0021	seal	4	石棉垫	
23	0.01.05120	Bolt M8*16 yellow zinc plated	1	螺栓M8*16 镀锌锌	



STEERING

A - Assembly

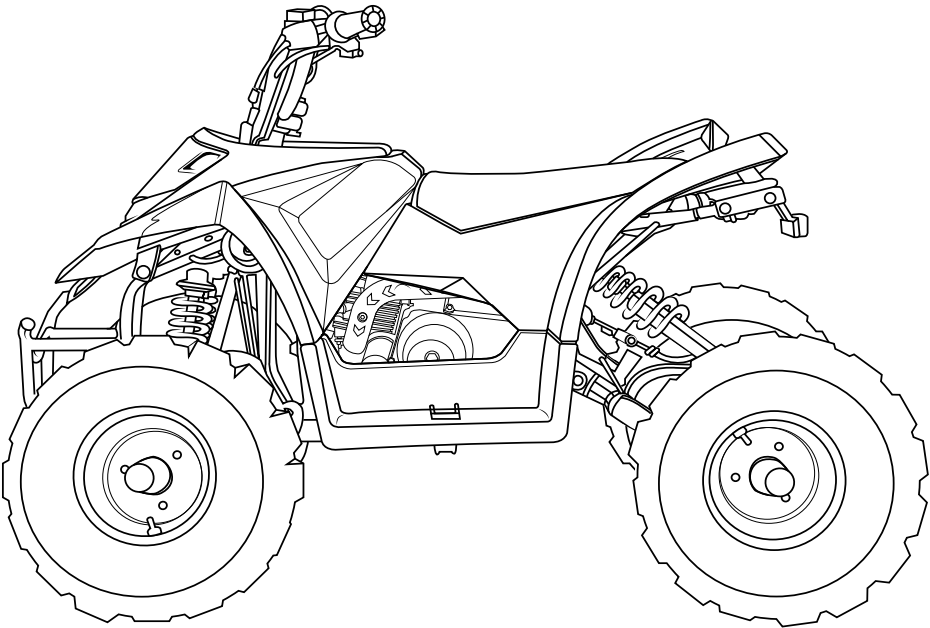


POS	PART NO.	ENGLISH NAME	QTY	NAME	SPECIFICATION
A		Complete Assembly			
1	4.4.02.0030	handle cover(L/R) (black)	2	把手套(黑)	
2	5.3.02.0010 [15]	Function button	1	多功能开关	
3	7.5.02.4180 [16]	Foam cover 18CM (black with GOES)	1	商标棒皮18CM(黑色, RIGOE)	
4	7.5.02.1750	Foam	1	商标海绵芯	
5	0.01.04720	Bolt M8*55	6	螺栓M8*55 镀锌	
6	4.4.01.0030	HANDLE BAR CLAMP TOP	2	方向把上压块	
7	4.4.01.0050	HANDLE BAR CLAMP BOTTOM	1	方向把下压块	
8	4.4.06.0011	Handlebar	1	方向把	
9	4.3.02.0121 [17]	brake lever	1	小孩子刹把	
10	4.5.02.0034	front brake cable	2	刹车拉索	
11	1.2.06.0011	steering assy	1	方向柱	
12	1.2.02.0050	dustproof seal	2	防尘油封	
13	1.2.02.0020	clipper for steering pole	2	方向柱固定夹	
14	1.2.02.0040	sleeve for clipper	2	方向柱固定隔套	
15	1.2.06.0020	fixing panel for steering pole	2	方向柱固定垫片	
16	4.5.02.0020	choke cable	1	风门拉索	
17	4.5.02.0011 [18]	throttle cable	1	油门拉索	
18	3.1.03.0030	tie rod	2	转向拉杆	
19	0.04.00810	WASHER 10	4	弹垫10 发黑	
20	0.04.00450	washer 10	4	垫片10 镀锌	
21	0.03.01820	slotted nut M10*1.25	4	开槽螺母M10 镀锌	
22	0.08.02100	cotter pin 2.5*30	4	开口销2.5*30	
23	1.2.02.0070	dustproof cover for steering pole	1	方向柱油封	
24	0.04.03050	washer14*28*2	1	垫片14*28*2 镀锌	
25	1.2.02.0060	PU cover	1	PU套	
26	0.03.01820	slotted nut M10*1.25	1	开槽螺母M10*1.25 镀锌	
27	0.08.02100	cotter pin 2.5*30	1	开口销2.5*30	

FA-A SERIES OPTIONAL ACCESSORIES				
REMOTE CONTROL ALARM				
	PART NO.	QTY	ENGLISH NAME	NAME
	5.4.04.0070	1	Remote control	遥控器
	5. 4. 04. 0060	1	Horn for remote control	报警器
	7. 5. 06. 0550	1 (set)	Sticker (only for GOES 90XS)	贴花
CHARGING KIT				
	PART NO.	QTY	ENGLISH NAME	NAME
	5.3.02.0160	1	charging mouth	充电插口
	5.3.02.0181	1	rubber cover for charging (red)	充电插口胶盖
	5.3.02.0220	1	charger	充电器
FLAG				
	PART NO.	QTY	ENGLISH NAME	NAME
	1. 1. 02. 0040	1	flag pole	旗杆
	1. 1. 02. 0070	1	flag	三角红旗
	1. 1. 02. 0080	1	bottom spacer bush	旗杆上固定套
	1. 1. 02. 0090	1	bottom spacer bush	旗杆下固定套
	1. 1. 02. 0110	1	spring for flag pole	扫雷旗杆弹簧

FRONT HYDRAULIC DISC BRAKE ASSEMBLY				
	PART NO.	QTY	ENGLISH NAME	NAME
	1. 1. 02. 0040	1	flag pole	旗杆
	1. 1. 02. 0070	1	flag	三角红旗
	1. 1. 02. 0080	1	bottom spacer bush	旗杆上固定套
	1. 1. 02. 0090	1	bottom spacer bush	旗杆下固定套
	1. 1. 02. 0110	1	spring for flag pole	扫雷旗杆弹簧
	1. 1. 02. 0090	1	bottom spacer bush	旗杆下固定套
	1. 1. 02. 0110	1	spring for flag pole	扫雷旗杆弹簧
7" WHEEL				
	PART NO.	QTY	ENGLISH NAME	NAME
	4.1.02.0180	1	tyre16/8-7	轮胎16/8-7
	4.1.02.0490	1	front rim 7"	前轮辋(7寸)
	4.1.02.0500	1	rear rim 7"	后轮辋(7寸)
SPROCKET KIT				
	PART NO.	QTY	ENGLISH NAME	NAME
	4.1.02.1310	1	Sprocket 420-37	链轮盘
	2.3.02.0030	1	Chain420-76	链条

OPTIONAL COLORS OF THE BODY COVERS					
POS.	PART NO.	ENGLISH NAME	QTY	NAME	CONDITION
1	6.2.06.003002	front body cover (red)	1	前车衣主体(红)	
2	6.2.06.003003	front body cover (blue)	1	前车衣主体(兰)	WY-03
3	6.2.06.003006	front body cover (burgundy)	1	前车衣主体(酒红)	WY-06
4	6.2.06.003007	front body cover (silver)	1	前车衣主体(银色)	
5	6.2.06.003010	front body cover (pink)	1	前车衣主体(粉红色)	WY-10
6	6.2.06.003011	front body cover (matte leaf camo)	1	前车衣主体(枫叶亚光迷彩)	WY-A
7	6.2.06.003012	front body cover (light leaf camo)	1	前车衣主体(枫叶亮光迷彩)	WY-B
8	6.2.06.003015	front body cover (army green)	1	前车衣主体(军绿迷彩)	WY-E
9	6.2.06.003016	front body cover (blue/white camo)	1	前车衣主体(蓝白迷彩)	WY-F
10	6.2.06.003017	front body cover (blue/grey camo)	1	前车衣主体(蓝灰迷彩)	
11	6.2.06.003018	front body cover (pink camo)	1	前车衣主体(粉红迷彩)	WY-H
12	6.2.06.003021	front body cover (yellow leaf camo)	1	前车衣主体(枫叶迷彩)	WY-K
13	6.2.06.003029	front body cover (bright yellow)	1	前车衣主体(嫩黄)	WY-15
14	6.2.06.004002	rear body cover (red)	1	后车衣主体(红)	WY-02
15	6.2.06.004003	rear body cover (blue)	1	后车衣主体(兰)	WY-03
16	6.2.06.004006	rear body cover (burgundy)	1	后车衣主体(酒红)	WY-06
17	6.2.06.004007	rear body cover (silver)	1	后车衣主体(银色)	
18	6.2.06.004010	rear body cover (pink)	1	后车衣主体(粉红色)	WY-10
19	6.2.06.004011	rear body cover (matte leaf camo)	1	后车衣主体(枫叶亚光迷彩)	WY-A
20	6.2.06.004012	rear body cover (light leaf camo)	1	后车衣主体(枫叶亮光迷彩)	WY-B
21	6.2.06.004015	rear body cover (army green)	1	后车衣主体(军绿迷彩)	WY-E
22	6.2.06.004016	rear body cover (blue/white camo)	1	后车衣主体(蓝白迷彩)	WY-F
23	6.2.06.004017	rear body cover (blue/grey camo)	1	后车衣主体(蓝灰迷彩)	
24	6.2.06.004018	rear body cover (pink camo)	1	后车衣主体(粉红迷彩)	WY-H
25	6.2.06.004021	rear body cover (yellow leaf camo)	1	后车衣主体(枫叶迷彩)	WY-K
26	6.2.06.004029	rear body cover (bright yellow)	1	后车衣主体(嫩黄)	WY-15
27	6.2.06.005002	front panel (red)	1	前面板(红)	WY-02
28	6.2.06.005003	front panel (blue)	1	前面板(兰)	WY-03
29	6.2.06.005006	front panel (burgundy)	1	前面板(酒红)	WY-06
30	6.2.06.005007	front panel (silver)	1	前面板(银色)	
31	6.2.06.005010	front panel (pink)	1	前面板(粉红色)	WY-10
32	6.2.06.005011	front panel (matte leaf camo)	1	前面板(枫叶亚光迷彩)	WY-A
33	6.2.06.005012	front panel (light leaf camo)	1	前面板(枫叶亮光迷彩)	WY-B
34	6.2.06.005015	front panel (army green)	1	前面板(军绿迷彩)	WY-E
35	6.2.06.005016	front panel (blue/white camo)	1	前面板(蓝白迷彩)	WY-F
36	6.2.06.005017	front panel (blue/grey camo)	1	前面板(蓝灰迷彩)	
37	6.2.06.005018	front panel (pink camo)	1	前面板(粉红迷彩)	WY-H
38	6.2.06.005021	front panel (yellow leaf camo)	1	前面板(枫叶迷彩)	WY-K
39	6.2.06.005029	front panel (bright yellow)	1	前面板(嫩黄)	WY-15

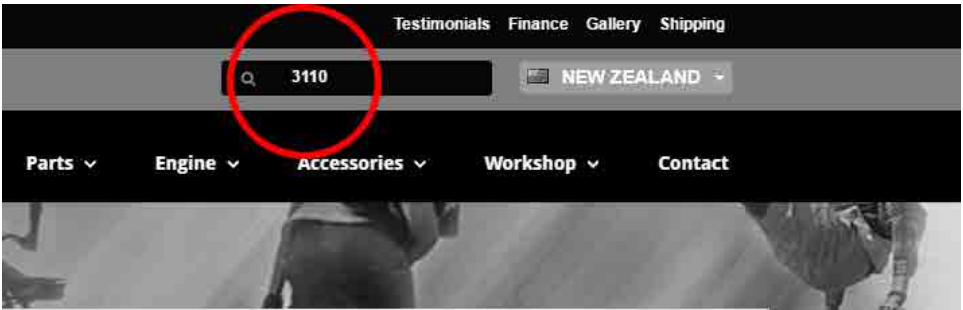


Finding Parts at our website

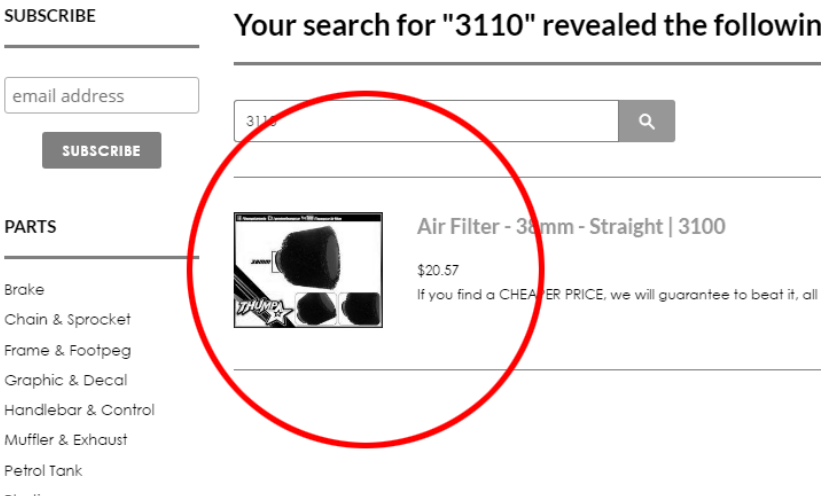
Websites

- <https://www.tboltusa.com/>
- <https://www.thumpstar.com.au/>
- <https://www.thumpstar.co.nz/>

- Go to our website then copy the part number or ERP CODE in our Spare Part Catalogue and paste it in the search bar then press enter or click the search icon beside it.



- After searching you will see the parts listed below the search bar



WARRANTY TERMS AND CONDITIONS

The Limited Warranty starts from the date of purchase of the new motorcycle by the customer. Thumpstar will cover PARTS AND FREIGHT ONLY. Thumpstar does not cover the labor required to remove or repair the motorcycle or part for warranty repair or replacement. (Unless otherwise negotiated) In some cases, replacement parts may have to be shipped from overseas and can take up to 8 weeks for delivery.

Purchasing a motorcycle in the crate without setup by a Thumpstar Authorized Dealer void the limited warranty.

Limited Warranty is not transferable and if valid for original purchaser only.

USA: Competition models are absence from a manufactures/limited warranty.

WARRANTY CLAIMS

All warranty claims must be accompanied with the following information and attachments:

- Picture of the motorcycle
- Picture of the problem
- Picture of the VIN number
- Engine faults require a picture of the engine number
- Description of the problem

To file a warranty claim, please visit your local Thumpstar website, which is located in the footer of the website.

Serious risks involved in using any motorised vehicle, including but not limited to: serious physical injury and death. Thumpstar strongly recommends the use of safety equipment while riding. Appropriate safety equipment would include, but is not limited to approved D.O.T or ASNZ 1698 helmet, riding leathers, motorcycle gloves, body armour, knee pads/brace, and riding boots. It's the purchasers responsibility to make sure the instruction manual is followed before use, that this product is assembled by a qualified mechanic and to fully check the motorcycle before every ride for defects or potential defects, if any defects are found then the product should not be used until the defect has been repaired by a qualified mechanic, the purchaser shall use product at their own risk.

Thumpstar will not be held liable under any circumstance for incidental or consequential loss or damage or injury, due direct or indirect use of this product, including any malfunction or defect. This product is not a toy. This product is intended for experienced adult riders on a closed track. Thumpstar makes no claims as to the suitability of this bike for any specific purpose or user. The products in this manual are designed for competition use for a single rider with proper safety equipment. Thumpstar also recommends that any minors only use motorised vehicles under adult supervision and under the guardian's own discretion. Purchasers should check with their local authorities for area specific rules and regulations.

Adult guardian assumes all responsibilities associated with the use of these products by minors. It is not suitable for handicapped persons or persons with limited mental or physical capacities. Although there are no uniform legal age restrictions, Thumpstar recommends that only individuals of legal age use any of the motorised vehicles sold by us. Customers understand that the use of these products can cause injury or death to themselves or others. To reduce the risks of any such injuries we strongly recommend the use of the safety equipment such as an D.O.T, ANSI or Snell approved helmet and knee pads. The Buyer holds our company and its agents and affiliates harmless from any liability arising out of or relating to the use or ownership of any product. Buyer must obtain her/his own insurance. Purchaser fully accepts responsibility & releases the seller for all & any personal injuries, fatal injuries, any losses, costs, and damages incurred

as a result of Purchaser’s operation of this item. Purchaser is solely responsible when permitting other riders to ride this item, and assumes all responsibility in event of damages, injuries or fatal injuries etc. Purchaser is responsible for understanding and obeying all local and state laws for operation of this product. Once purchaser submits payment this will serve as purchaser agreement to releasing seller of any and all responsibilities of item such as stated above. Before riding check your local states/cities motorcycle codes for more information regarding laws. This product is for use on closed private tracks only.

By purchasing, you acknowledge that you have read and understood, and you agree, to the terms and conditions of this Agreement, and you represent that you are of legal age (age 18 or older) to enter this Agreement and become bound by its term.

While all care is taken, any errors and omissions in the item details are unintentional. Therefore, Thumpstar cannot be held liable for any errors or omissions on these adverts.

SERVICE MANUAL

NAME OF SERVICE PERSON	DATE OF SERVICE	HOURS OF SERVICE	SIGNATURE

*For more information on service go on page 37.

NAME	BUYER SIGNATURE	SELLER SIGNATURE	DATE OF PURCHASE

