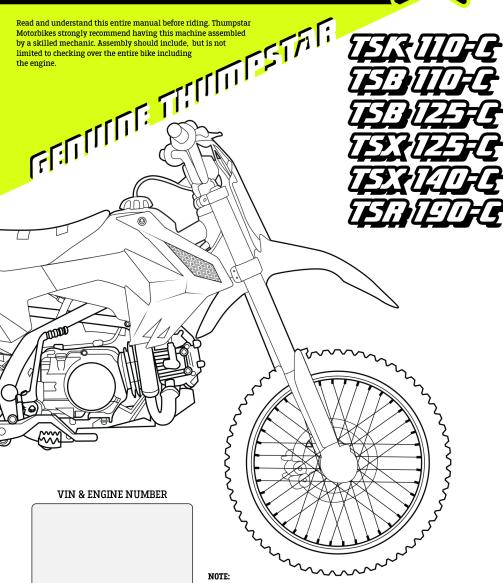
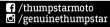
### OWNER'S MANUAL



### PACKS THE BIGGEST PUNCH

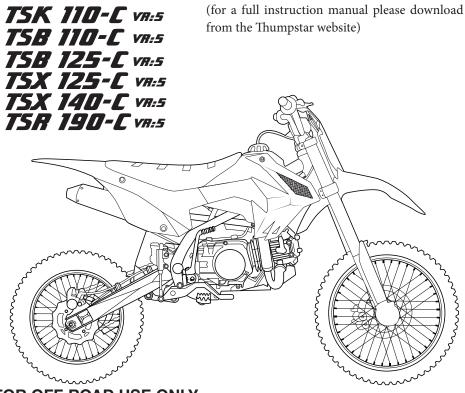


Manual illustrations are for demonstration purposes only. Illustrations may not reflect exact appearance of actual product. Specifications subjected to change without notice.





### **Owner's Manual**



#### FOR OFF-ROAD USE ONLY

This motorcycle is designed and manufactured for competition use in sanctioned closed-course event.

This manual should be considered a permanent part of the motorcycle and should remain with the motorcycle when it is resold.

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.

This motorcycle pictured in this owner's manual may not match your actual motorcycle.

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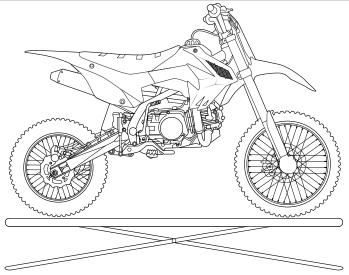
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### **Quick Reference**

Model Version	TSK 110 VR:5   TSB 110 VR:5   TSB 125 VR:5   TSX 125
	VR:5   TSX 140 VR:5   TSR 190 VR:5 (page 100)
Oil	4 Stroke10/40 950mls
Spark Plug	Torch A7TC   NGK C7HSA
Tire Pressure	20 PSI Front / 20 PSI Rear
Tire Size	SW 70/100-14 90/100-12 / BW 70/100-17
	90/100-14
Valve Clearance	.003" intake / .005" exhaust
Chain	428 x 116 Link
Air Filter	125-140cc 38mm / 190cc 42mm
Handle Bar	<b>TSK TSB</b> 7/8" 22mm   <b>TSX TSR</b> 1-1/8" 28.5mm
Wheel Bearings	Front 15mm 6202 / Rear Wheel 20mm 6004
Swingarm / Linkage	HK2020 plus Seal
Engine Mount	Universal CRF50
Plastics	Stealth-CRF110
Brake Pad Front	<b>TSK TSX</b> 3544   <b>TSB</b> 3944
Brake Pad Rear	TSB TSK TSX 3543
Clutch Cable	TSB 125 TSX 125 3677 - 910+70mm   TSX
	140 TSR 190 980+85mm
Throttle Cable	820+128mm



### Introduction

**Congratulations** in your decision to purchase a Genuine Thumpstar Dirt bike. The following manual has been prepared to familiarise you with your motorcycle, and the procedures involved with operating and maintaining the motorcycle.

This manual also outlines general safety recommendations. We strongly advise that you take safety in mind at all times when maintaining and operating you dirt bike.

Thumpstar condone safe riding and do not take any responsibility for any damages caused to any persons or property due to inappropriate riding and safety precautions Thumpstar Strongly recommends reading this manual thoroughly BEFORE attempting any assembly or operation of the bike. Thumpstar Strongly recommends the use of the correct safety gear and safety procedures.

**Warning:** Thumpstar is only recommend riding privately on closed course tracks by experienced riders and is not for general offroad recreational use, before riding anywhere other than on private land Thumpstar advise contacting your local road authority for further information, laws and restrictions.

Please note: Thumpstar produce a range of dirt bikes, some photographs and diagrams specific to component parts may differ slightly from the model you have purchased/received. If in doubt at any point, please contact a qualified mechanic or contact us for support.

Whenever you ride, tread lightly. By only racing in private closed course tracks and approved riding areas, you help protect the environment and keep off-road riding areas open for the future.

Please report any change of address or ownership to your dealer so we will be able to contact you concerning important product information.

HAPPY RIDING!

(This motorcycle assembly was based of TSX 125-C and TSX 140-C) Always have a Qualified Mechanic Assemble Your New Motorcycle **Tools Required:** 

- Bike Stand
- Lifting Jack
- 8, 10, 12, 13, 14, 17, 19mm socket • and spanner
- 5, 6mm Allen Key/Hex Tool
- Rubber Mullet
- WD 40
- $\square$  Tick box once task has been completed

□ Remove Bike & all accessories from crate

□ Install handlebars and route cables and front brake hose before installing fork

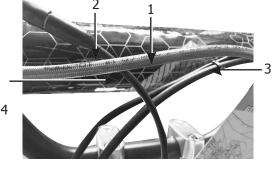
 $\Box$  Front brake hose(1) should be at front, then throttle cable(2), clutch cable(3), last the kill switch wire(4)

□ The longer front wheel (1) spacer will always be installed on the left/disc side (page 74)



□ Fork Standard setting is 10mm out of clamp but depending on rider preference, use copper grease on triple clamp bolts to prevent damage to the alloy threads & then firmly tighten.

- Lubricant
- Grease
- Paint Pen
- Thread Lock Glue
- Zip Tie
- **Tire Pressure Gauge**



### **Motorcycle Assembly**

□ Use thread lock compound on front brake calliper bolts and torque to 9.9 N.M Pump front brake lever until firm (bleed if necessary). Check front braking system for potential leaks or damage by pulling brake lever very hard several times. Visually inspect all joints for leaks (*page 70*)

Grease front axel - Recommend using "Anti Seize Grease" (page 74)

□ Front wheel should spin freely, spin wheel to ensure calliper is releasing from disk (*page 70*)

□ Test rear brake pedal & repeat procedure described for front brake (*page 72*)

□ Check fluid levels, top up with DOT4 where necessary (*page 70*)

 $\Box$  Fit front mudguard and ensure step washer are installed correctly.

 $\Box$  Fit foot pegs and use grease on foot peg pins

Ensure the correct pressure in tires – (*page 78*)

□ Loosen rear wheel & adjust chain tension. (*page 82*)

□ Working from front to rear, ensure all nuts & bolts are tight. Safety areas: Wheel nuts, brake calliper bolts, Top & rear engine bolts, chain tensioners, rear shock bolts, triple clamp bolts (yokes), Handlebars, brake/ clutch/throttle, swing-arm, front & rear sprocket.

□After checking the torque settings (*page 120*), please reference mark each bolt with paint marker. If any bolt does comes loose the lines will not line up.

□ Ensure nothing is touching the exhaust system.

□ Ensure all cables pipes & wiring are away from moving components such as the wheels, use cable/zip ties where necessary

□ Fuel bike & check for fuel leaks (*page 44*)

### **Motorcycle Assembly**

□ Check oil level with bike in upright position using dipstick (*page 47*)

□ Check throttle and clutch is working correctly with freeplay adjusted correctly (*page 57* & *60*)

Ensure wheel spokes are tight & wheels run true (*page 73*)

 $\Box$  Inspect bike for any other defects

□ Start engine & warm up (using choke if necessary). Set idle speed so engine ticks over comfortably without stalling or racing. (*page 64*)

□ Test machine ensuring that all controls are fluid & functional. Ensure brakes are working efficiently (bearing in mind that the pads will need to bed in prior to optimum performance).

#### Engine break-in

Run bike at no more than three quarter throttle & do not allow engine to rev to a high speed. Engine break-in should be no less than one hour. After one hours carry out the following checks & procedures:

□ Drain oil & replace with 950mls quality 10w 30w or 10w 40 4-stroke engine oil (*page 48*)

□ Check all nuts & bolts & tighten where necessary (*page 120*)

 $\Box$  Check wheel spokes (especially rear wheel drive side) & tighten where necessary

□ Re-Adjust throttle cable & clutch cable if required (*page 57* & 60)

□ Re-tension chain and lubricate

□ Check wheel bearings for any sign of wear of free-play

□ Check brake calliper operation & brake pad wear (*page 70*)

□ Check tire pressures (*page 78*)

Remember to do pre-ride inspection each time you ride (page 23)

### A Few Words About Safety

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

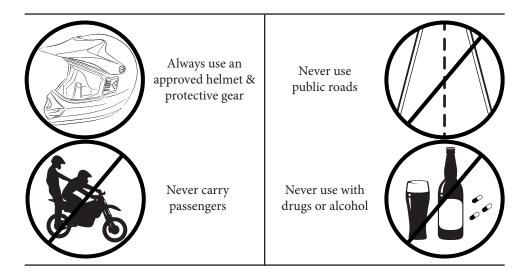


You WILL be KILLED or SERIOUSLY HURT if you don't follow instructions.

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

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

# 



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.

Thumpstar Motorbikes strongly recommend that anyone considering operating any of our products follow these instructions to avoid serious injury and/or death:

Read this manual carefully and follow the operating procedures described.

Follow the age recommendation of the specific Thumpstar model.

*Children under the age of 16 should be supervised by an adult at all times. (Safety is the sole responsibility of parental guardians)* 

*Never operate a bike without wearing an approved motorcycle helmet that fits correctly.* 

*Thumpstar strongly recommends the use of eye protection (goggles and/or face shield), gloves, boots, long-sleeved shirt or jacket, and long pants.* 

Never consume alcohol or drugs before or while operating any bike.

Never operate at speeds too fast for your skills or the conditions. Always go at a speed that is appropriate for the terrain, visibility and your experience.

Never attempt any kind of stunts

Always inspect your bike before each use to make sure it is in safe operating condition.

Always keep both hands on the handlebars and both feet on the footboards of the dirt bike during operation.

*Always be alert to changing conditions of terrain, weather and visibility whenoperating the bike.* 

Never operate on excessively rough, slippery or loose terrain.

Always follow proper procedures for turning as described in this manual.

Never attempt to turn the bike around on any slope until you have mastered the turning technique described in this manual on level ground. Avoid crossing the side of a steep slope if possible.

Never attempt to operate over large obstacles, such as large rocks or fallen trees. Always follow proper procedures when operating over obstacles as described in this manual.

Never operate a bike in fast flowing water Wet brakes may have reduced operating ability. Test your brakes after contact with water. If necessary, apply them several times to let friction dry out the linings.

Always use the correct size and type of tires specified in this manual.

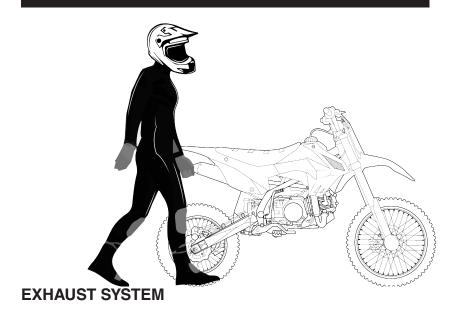
Always maintain proper tire pressure as described in this manual.

Never modify any bike through improper installation or use of accessories.

Never exceed the stated load capacity for any Thumpstar Motorbikes product.

*Ensure the safe handling of ANY petrochemicals required for the maintenance of your Thumpstar product.* 

Thumpstar Motorbikes will not be held responsible for violations of local road laws, Thumpstar range of bikes are designed solely for competition use in sanctioned, closed-course events



Thumpstar Motorbikes advise that the exhaust on the machine can become very hot during and following operation. To prevent burns, avoid touching the exhaust system. Park the machine in a place where Pedestrians or children are not likely to come in at contact.

#### FUEL HANDLING

Precautions should be taken when handling any type of petrochemicals. Gasoline can catch fire, and is toxic to life and the environment. Thumpstar motorbikes recommend the following safety tips to avoid accidents, injury/death

Always turn off the engine when re-fuelling. Do not refuel right after the engine has been running and is still very hot.

Do not spill gasoline on the engine or exhaust pipe/muffler when refuelling.

When transporting the machine in another motorcycle, be sure it is kept upright and that the fuel cock is in the "OFF" position. Otherwise, fuel may leak out of the Carburetor or fuel tank. If this happens, do not start the motorcycle until the fuel has been removed from all components esprecially the air filter and anywhen near the exhaust system.

Never refuel in any proximity to any sources of ignition such as smokers, open flames or embers etc.

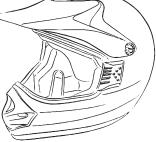
Gasoline is poisonous and can cause injuries, in the case of swallowing gasoline, inhaling gasoline vapours or contact with eyes, see your doctor immediately.

In the case of gasoline contact on your skin, wash with soap and water. If gasoline spills on your clothing, change your clothes.

#### SAFETY EQUIPMENT

Thumpstar Motorbikes promote the use of safety equipment during the use of your bike; the following list is an advisory guideline of the equipment that should be obtained before using your bike for the first time, and to be used for every ride regardless of experience and skill level.

#### HELMET



A helmet is the most important piece of protective equipment and should be worn at all times the motorcycle is being ridden.

Select a helmet that complies with the Standard Protective helmets for motorcycle users. These helmets meet the requirements for on-road and off-road use.

Ensure the helmet fits the operator snugly, is securely fastened and provides good, all-round visibility. A poorly-fitting or loose helmet can become dislodged in an incident and then offer no protection at all.

#### **EYE PROTECTION**



Recommended to prevent eye injuries and prevent branches, bugs, dust or sand hitting your face and distracting you. Sunglasses are unlikely to provide adequate physical protection.

#### **GLOVES**



Recommended to provide protection from abrasions and help to keep your hands from getting sore, tired or cold. Note that gloves may become slippery when wet and are not advisable for use

#### FOOTWEAR



Sturdy footwear is recommended (preferably boots that come up past your ankle with strong material for gear changes.)

#### **CLOTHING**



Arms and legs should be covered to reduce abrasions to the body, even in hot weather.

Trousers should be close-fitting and in good condition.

Your safety is very important to Thumpstar. That's why we urge you to read this message before riding this motorcycle. Off-road riding can be fun. But, as with riding a bicycle, bad judgment can result in injury, and we don't want that to happen! You can help prevent accidents by making good decisions about if, when, and how you rides this motorcycle.

### THINGS TO CONSIDER WHEN RIDING

The first decision you'll need to make is whether you're ready to ride. Riding readiness varies widely from one person to another, and age and size are not the only factors. Remember this model is designed for experienced riders only.

#### PHYSICAL ABILITY

An important consideration that riders must be big enough to hold the motorcycle up, get on, and comfortably sit on the seat with both feet touching the ground. They should also be able to easily reach and work the brakes, throttle, and all other controls.

#### ATHLETIC ABILITY

A necessary trait for riding a motorcycle. Generally speaking, you should be good at riding a bicycle before getting on a motorcycle. Can you judge speeds and distances while riding a bicycle and react with proper hand and foot actions? Anyone who does not have good coordination, balance, and agility is not ready to ride this motorcycle and is not considered an experienced rider.

#### MENTAL AND EMOTIONAL MATURITY

Do you think through problems and come to logical solutions? On a bicycle, do you obey safe riding rules? Be honest! Anyone who makes unnecessary risks, make bad judgments, and don't obey rules are not ready to ride this motorcycle.

If you decide that you're ready to safely operate this motorcycle, make sure you carefully read and understand the owner's manual before riding. Also be sure that you have a helmet and other appropriate riding equipment, and always wears it when operating the motorcycle or sitting on it.

#### SAFE AND RESPONSIBLE RIDING

When you put safety first, you can enjoy more peace of mind, and you can enjoy more hours of safe offroad riding.



### Loading, Accessories & Modifications

Thumpstar was designed as a rider-only motorcycle. It was not designed to carry a passenger or cargo. A passenger or cargo could interfere with your ability to move around to maintain your balance and control of the motorcycle

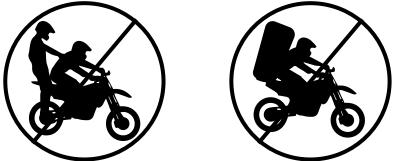
In addition, exceeding the weight limits or carrying an unbalanced load can seriously affect your motorcycle's handling, braking, and stability. Adding accessories or making modifications that change this motorcycle's design and performance can also make it unsafe. Also, the weight of any accessories will reduce the maximum load the motorcycle can carry

#### LOADING

How much weight you put on your motorcycle, and how you load it, are important to your safety. This is a single rider bike and not recommended for taking extra passengers.



We recommend that you do not carry any cargo on this motorcycle.



#### **ACCESSORIES & MODIFICATION**

Modifying your motorcycle or using non-Thumpstar accessories can make your motorcycle unsafe.

#### ACCESSORIES

We strongly recommend that you use only Thumpstar Genuine Parts and Accessories that have been specifically designed or approved and tested for your motorcycle. Because Thumpstar cannot test all other accessories, you must be personally responsible for proper selection, installation, and use of non-Thumpstar accessories. Check with your dealer for assistance and always follow this guideline:

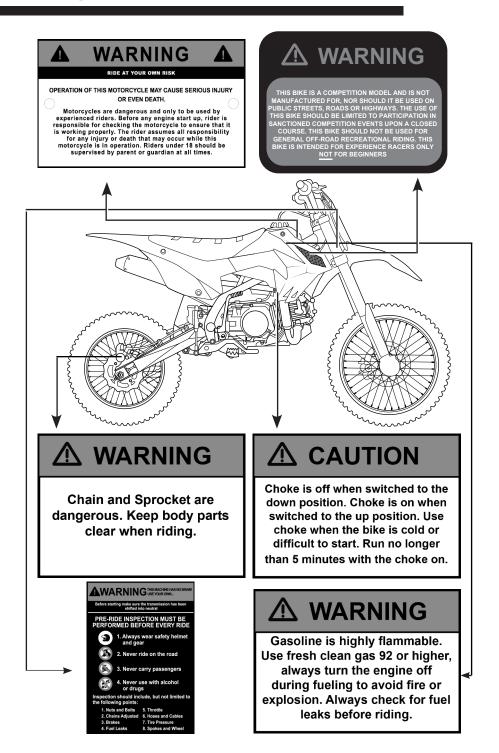
Make sure the accessory does not reduce ground clearance and lean angle, limit suspension travel or steering travel, alter your riding position, or interfere with operating any controls

#### MODIFICATIONS

We strongly advise you not to remove any original equipment or modify your motorcycle in any way that would change its design or operation. Such changes could seriously impair your motorcycle's handling, stability, and braking, making it unsafe to ride.

We also advise you not to make any modifications or remove any equipment that would make the motorcycle illegal in your area.

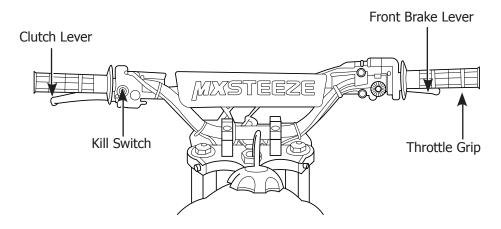
### Safety Labels



### **Operating Controls**

When you ride off-road, you need to operate the throttle, brakes, and other controls without stopping to look at them. Read this section carefully before you ride. It describes the location, function, and operation of all the basic controls on your motorcycle.

#### **OPERATION COMPONENT LOCATIONS**



#### **ENGINE STOP SWITCH**

The engine stop switch is used to turn the engine off during normal riding situations. To operate, turn the switch to the OFF position. The switch must be in the RUN position to start the engine.

#### FRONT BRAKE LEVER

The front brake lever is used to slow or stop your motorcycle. To operate, pull the lever.

#### THROTTLE

The throttle controls engine rpm (speed). To increase engine rpm, rotate the grip toward you. To reduce engine rpm, rotate the grip away from you. The throttle will automatically return to the closed position (engine idle) when you remove your hand.

#### **CLUTCH LEVER**

The clutch lever is operated by a hand lever on the left handlebar. Without pressing the lever means that the clutch plates are engaged, while pulling the lever back towards the rider disengages the clutch plates through cable or hydraulic actuation, allowing the rider to shift gears.

#### FUEL VALVE



The two way fuel valve is used to control the flow of fuel from the fuel tank to the carburetor.

#### ON

Turning the fuel valve ON before attempting to start the engine allows fuel to flow from the fuel tank to the carburetor.

#### OFF

Turning the fuel valve OFF after stopping the engine prevents the flow of fuel from the fuel tank to the carburetor.

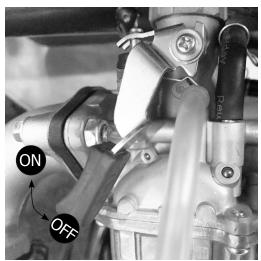
#### CHOKE KNOB

The choke knob is used for starting the engine. The choke increases the percentage of fuel in the fuel/air mixture delivered to the engine

ON Used to start a cold engine with air temperature below 35°C (95°F).

#### OFF

Used for normal operation, for restarting a warm engine, or starting a cold engine with air temperature above 35°C (95°F).



More information on Carburetor (page 50)



### **Before Riding**

Before each ride, you need to make sure you and your Thumpstar are both ready to ride. To help get you prepared, this section discusses how to evaluate your riding readiness, and how to perform the recommended pre-ride inspection of your Thumpstar.

#### PREPARE TO RIDE

Before you ride your motorcycle for the first time, we strongly recommend that you:

- read this owner's Manual properly
- make sure you understand all the safety messages
- learn how to operate all the necessary controls

Before each ride, we also suggest that you make sure you:

- are in good mental & physical condition
- are free of alcohol and drugs
- are wearing an approved motorcycle helmet (with chin strap tightened securely), eye protection, and other protective gears.

#### PROTECTIVE GEAR

For your safety, we strongly recommend that you always wear an approved motorcycle helmet, eye protection, boots, gloves, long pants, and a long-sleeved jersey, shirt, or jacket whenever you ride. Although complete protection is not possible, wearing the proper gear can reduce the chance of injury when you ride.

Following are suggestions to help you choose the proper gear.

#### HELMETS AND EYE PROTECTION

Your helmet is your most important piece of riding gear because it offers the best protection against head injuries. A helmet should fit your head comfortably and have a chin strap that can be tightened securely.

An open-face helmet offers some protection, but a full-face helmet offers more. Regardless of the style, look for a ASNZ 1698 or D.O.T (Department of Transportation) sticker on any helmet you buy. Always wear a face shield or goggles to protect your eyes and help your vision.

#### ADDITIONAL PROTECTIVE GEAR

In Addition to a helmet and eye protection, we also recommend the following:

- Sturdy off-road motorcycle boots to help protect your feet, ankles and lower legs.
- Off-road motorcycle gloves to help protect your hands.
- Riding pants with knee and hip pads, a riding jersey with padded elbows, chest and shoulder protectors. more info at *page 10 & 11*



Before each ride, it's important to inspect your motorcycle and make sure any problem you find is corrected. A **pre-ride inspection** is a must because off-road riding can be tough on a motorcycle and you don't want to have a breakdown far from help.



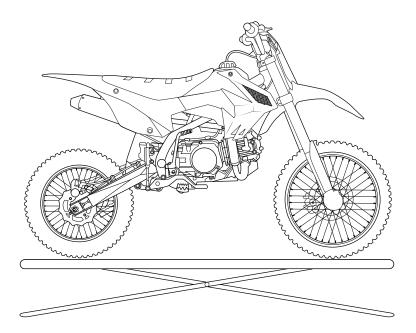


Check the following items before you get on the motorcycle:

Tires	Use a gauge to check the air pressure. Adjust if needed. Also look for signs of damage or excessive wear ( <i>page 79</i> )
Spokes & Rims	Make sure the spokes are tight. Also check the rims for damage ( <i>page 73</i> )
Leaks	Look under the motorcycle for signs of leaking fluids (fuel, engine oil). ( <i>page 44</i> & 70)
Engine Oil	Check the level and add oil if needed ( <i>page 46</i> )
Fuel	Check the level and add fuel if needed. Also make sure the fuel fill cap is securely fastened. ( <i>page 44</i> )
Drive Chain	Check the condition and slack. Adjust and lubricate if needed. Also check the chain slider for wear and replace if needed ( <i>page 82</i> )
Cables	Check the cable housings for wear. Check the fittings for looseness. Replace or tighten as needed. ( <i>page 57</i> & 60)
Nuts & Bolts	Use a wrench tomake sure all accessible nuts, bolts, and fasteners are tight. <i>(page 120)</i>
Spark Plug & Cap	Check for looseness (page 65)

Throttle	Check the freeplay and adjust if needed. Rotate the throttle to make sure it moves smoothly without sticking, and snaps shut automatically when it is released, in all steering positions ( <i>page 57</i> )
Brakes	Squeeze the front brake lever and step on the rear brake pedal to check that the controls operate normally. Adjust freeplay, if necessary. ( <i>page 70</i> )

Remember, be sure to take care of any problem you find or have your **Certified Motorcycle Mechanic** correct it before you ride.



### **Basic Operation & Riding**

This section gives basic information on how to begin riding your motorcycle. It includes how to start and stop your engine, how to use the throttle and brakes, and what to do when you're through riding.

#### SAFETY RIDING PRECAUTIONS

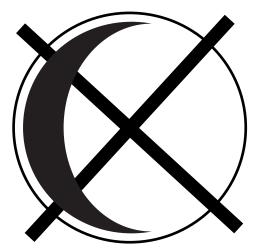
Before riding your motorcycle for the first time, please review the *Motorcycle Safety*.

This model is designed for experienced riders, take time to become familiar with how this motorcycle works and handles. Practice in a safe area until you build up your skills and get accustomed to your motorcycle's size and weight.

For your safety, avoid starting or operating the engine in an enclosed area such as a garage. Your motorcycle's exhaust contains poisonous carbon monoxide gas which can collect rapidly in an enclosed area and cause illness or death.

Your motorcycle is not equipped with lights.

Do not ride at night.



### **Starting & Stopping the Engine**

Always follow the proper starting procedure described below.

#### PREPARATIONS

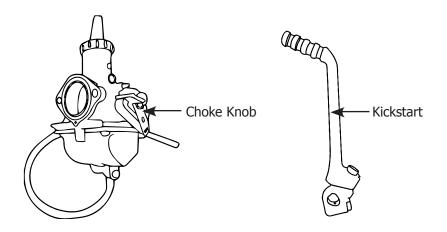
Before Starting, turn the fuel valve ON and make sure bike is in NEUTRAL. **Specially for TSX 125-C Because it has to be started in Neutral.** TSX 140-C can be started in gear but recommended to start in NEUTRAL

#### STARTING PROCEDURE

To restart a warm engine, follow the procedure for High Air Temperature on *page 27*.

#### Normal Air Temperature 10° 35°C (50° 95°F)

- 1. Push the choke knob up all the way to fully ON.
- (Using the Kickstarter) Lightly depress the kickstarter until resistance is felt. Then let kickstarter return to the top of its stroke. With the throttle slightly open, operate the kickstarter. Kick from the top of the stroke through to the bottom with a rapid, continuous motion.



### Starting & Stopping the Engine

#### NOTICE:

Allowing the kickstarter to snap back freely against the pedal stop can damage the engine case.

- 3. Warm up the engine by opening and closing with the throttle slightly open, press the start the throttle slightly.
- 4. About a quarter-minute after the engine starts, push the choke knob in all the way down to fully OFF.
- 5. If idling is unstable, open the throttle slightly.

## High Air Temperature or to restart warm engine 35°C (95°F) or above

- 1. Do not use the choke.
- 2. Start the engine (See step 2 under Normal Air Temperature)

#### Low Air Temperature 10°C (50°F) or below

- 1. Follow steps 1- 2 under Normal Air Temperature.
- 2. Warm up the engine by opening and closing the throttle slightly.
- 3. Continue warming up the engine until it runs smoothly and responds to the throttle when the choke knob is at fully OFF.

# Note: Will take at least 5 to 10 minutes for your engine to be warmed up and start smoothly

### **Starting & Stopping the Engine**

#### NOTICE:

Extended use of the choke may impair piston and cylinder wall lubrication and damage the engine.

#### FLOODED ENGINE

If the engine fails to start after repeated attempts, it may be flooded with excess fuel. To clear a flooded engine:

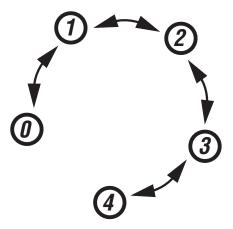
#### Using The Kickstarter

- 1. Push the choke knob all the way down to OFF.
- 2. Open the throttle fully.
- 3. Crank the engine several times with the kickstarter.
- 4. Follow the High Temperature starting procedure

#### HOW TO STOP THE ENGINE

To stop the engine, shift into neutral, then press the kill switch button.

### Shifting Gears



Your motorcycle has four forward gears.

To start riding, after engine has been warmed up and the side stand raised:

- 1. Close the throttle and pull the clutch lever in.
- 2. Raise the shift lever from neutral up to first gear.
- 3. Release the clutch lever. Gradually open the throttle.
- 4. When you attain a moderate speed, close the throttle, pull the clutch lever in and raise the shift lever. After shifting, realese clutch and apply the throttle.
- 5. To continue shifting up to each higher gear, repeat step 4.
- 6. To shift down to a lower gear, close the throttle, pull the clutch lever in and depress the shift lever. After shifting, apply the throttle

Remember to close the throttle before shifting.

#### NOTICE:

Improper shifting may damage the engine, transmission, and drive train.

### Shifting Gears

Upshift to a higher gear or reduce throttle before engine rpm (speed) gets too high.

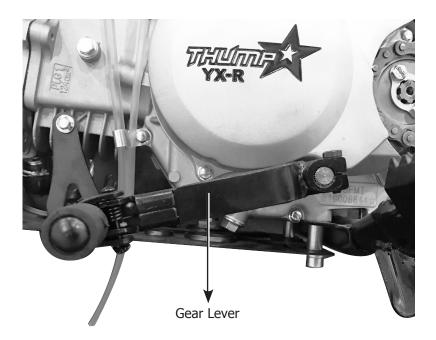
Downshift to a lower gear before you feel the engine laboring (lugging) at low rpm.

#### NOTICE:

Downshifting can help slow your motorcycle, especially on downhills. However, downshifting when engine rpm is too high can cause engine damage.

#### NOTICE:

To prevent transmission damage, do not coast or tow the motorcycle for long distances with the engine off .



### Braking

To slow or stop, apply the front brake and rear brake pedal smoothly, while downshifting to match your speed. Gradually increase braking as you feel the brakes slowing your speed. For support, put your left foot down first, then your right foot when you have finished using the rear brake.

For maximum braking, close the throttle and firmly apply the brake lever and pedal controls.

Applying the brakes too hard may cause the wheels to lock and slide, reducing control of your motorcycle. If this happens, release the brake controls, steer straight ahead until you regain control, then reapply the brakes more gently.

Generally, reduce your speed or complete braking before beginning a turn. Avoid braking or closing the throttle quickly while turning. Either action may cause one or both wheels to slip. Any wheel slip will reduce your control of your motorcycle.

When riding in wet or rainy conditions, or on loose surfaces, the ability to maneuver and stop will be reduced. All of your actions should be smooth under these conditions. Rapid acceleration, braking or turning may cause loss of control. For your safety, exercise extreme caution when braking, accelerating, or turning.

When descending a long, steep grade, use engine compression braking by downshifting, with intermittent use of both brakes.

### Parking

Lower the side stand to support your motorcycle. Push the kill switch button. If you're finished riding for the day, also turn the fuel valve OFF. Always choose a level place to park.

#### **POST-RIDE INSPECTION**

When you return home after riding, thoroughly clean your motorcycle and remove any dirt, mud, brush, rocks or other objects you may have picked up along the way. After cleaning, carefully inspect your motorcycle for leaks or damage.

### **Servicing Your Thumpstar**

Keeping your motorcycle well maintained is absolutely essential to your safety. It's also a good way to protect your investment, get maximum performance, avoid breakdowns, and have more fun.

To help keep your motorcycle in good shape, this section includes a Maintenance Schedule for required servicing and step-by-step instructions for specific maintenance tasks. You'll also find important safety precautions, information on oils, and tips for keeping your Thumpstar looking good.

> Always use the ring spanner end or socket when possible





Maintenance Tip: The ring spanner or socket will extend the life of the bolts

# The Importance of your Maintenance

A well-maintained motorcycle is essential for safe, economical, and trouble-free riding. It will also help reduce air pollution. Careful preride inspections and good maintenance are especially important because your motorcycle is designed to be ridden over rough off-road terrain.

To help you properly care for your motorcycle, this section of the manual provides a Maintenance Schedule. The service intervals in this schedule are based on average riding conditions.

More frequent service is needed if you subject your motorcycle to severe use such as competition or ride in unusually wet or dusty areas.

Frequent servicing of the air cleaner is especially important to help you avoid a possible costly engine repair.

If your motorcycle overturns or is involved in a crash, be sure your **Certified Motorcycle Mechanic** inspects all major parts, even if you are able to make some repairs.



# The Importance of your Maintenance

Remember, proper maintenance is the owner's responsibility. Be sure to inspect your motorcycle before each ride and follow the Maintenance Schedule in this section

# MAINTENANCE SAFETY

The maintenance section includes instructions on how to perform some important maintenance tasks. Some of the most important safety precautions follow. However, we cannot warn you of every conceivable hazard that can arise in performing maintenance. Only you can decide whether or not you should perform a given task.



## **Important Safety Precautions**

Make sure the engine is off before you begin any maintenance or repairs. This will help eliminate several potential hazards:

- Carbon monoxide poisoning from engine exhaust. Be sure there is adequate ventilation whenever you operate the engine.
- Burns from hot motorcycle parts. Let the engine and exhaust system cool before touching.
- Injury from moving parts. Do not run the engine unless instructed to do so.
- Read the instructions before you begin, and engine unless instructed to do so. make sure you have the tools and skills required.
- To help prevent the motorcycle from falling over, park it on a firm, level surface, using the side stand or a maintenance stand to provide support.
- To reduce the possibility of a fire or explosion, be careful when working around gasoline. Use only a non-flammable (high flash point) solvent such as kerosene not gasoline to clean parts. Keep cigarettes, sparks, and flames away from all fuelrelated parts.

To maintain the safety and reliability of your motorcycle, regular inspection and service is required as shown in the Maintenance Schedule that follows.

The Maintenance Schedule lists items that can be performed with basic mechanical skills and hand tools. Procedures for these items are provided in this manual.

The Maintenance Schedule also includes items that involve more extensive procedures and may require special training, tools, and equipment. Therefore, we recommend that you have your **Certified Motorcycle Mechanic** perform these tasks unless you have advanced mechanical skills and the required tools. Procedures for items in this schedule are provided in a service manual available for purchase from your dealer.

Because your motorcycle does not have an odometer, service intervals in the maintenance schedules are expressed in terms of hours as well as miles/kilometers. To avoid overlooking required service, we urge you to develop a convenient way to record the number of days and/or miles you ride.

If you do not feel capable of performing a given task or need assistance, remember that your **Certified Motorcycle Mechanic** knows your motorcycle best and is fully equipped to maintain and repair it. If you decide to do your own maintenance, use only Thumpstar Genuine Parts or their equivalents for repair or replacement to ensure the best quality and reliability.

## MAINTENANCE PROCEDURES

X: Inspect and clean, adjust, lubricate, or replace, if necessaryC: CleanA: AdjustL: LubricateR: Replace

# **Maintenance Schedule**

ITEMS	NOTE	Each race or about 2.5 hours	Every 3 races or about 10 hours	Every 6 races or about 20 hours	Every 9 races or about 30 hours	Every 12 races or about 40.0 hours
Throttle Inspection		Х				
Air Filter	1	С				
Crankcase Breather		Х				
Spark Plug		Х				
Valve Clearance	4			Х		
Engine Oil	3	Х				
Engine Idle Speed		Х				
Drive Chain		X,L		R		
Drive Chain Slider		Х				
Drive Chain Roller		Х				
Drive Sprocket		Х				
Driven Sprocket		Х				
Brake Fluid	2	Х				
Brake Pads Wear		Х				
Brake System		Х				
Clutch System		Х				
Control Cables		X,L				
Exhaust Pipe / Muffler		Х				
Suspension		Х				
Swingarm / Shock Linkage			L			
Nuts, Bolts, Fasteners		Х				
Wheels / Tires		Х				
Steering Head Bearings					Х	

This maintenance schedule is based upon average riding condition. Machines subjected to severe use require more frequent servicing.

### NOTE:

1. Clean after every heat for dusty riding conditions.

2.Replace every 2 years. Replacement requires mechanical skill.

3.Replace after the first break-in ride.

4.Inspect after the first break-in ride.

Perform the pre-ride inspection at each scheduled maintenance period.

Each item on the maintenance schedule requires some mechanical knowledge. Certain items may require more technical information and tools. Consult your **Certified Motorcycle Mechanic**.

SUMMARY OF MAINTENANCE SCHEDULE NOTES AND PROCEDURES (*page 129*)

Note: Service more frequently when ridden in wet or dusty conditions.

# Maintenance

Thumpstar Motorbikes promote safety as paramount. As such, it is advised that before each and every use of your bike that you actively walk around your motorcycle and check that everything appears in order. Maintenance should be undertaken regularly and servicing should be carried out by the appropriate persons. Thumpstar recommend any work being carried out on any of our range of dirt bikes should be done by an approved mechanic.

The following list has been provided for you by Thumpstar Motorbikes as an advisory process before each ride.

# FRONT AND REAR BRAKE

When checking the brakes, ensure all cables are in place and there are no leaks. Check the braking mechanism works manually before riding. Some brakes are adjustable for performance reasons; brake adjustments are sensitive and in the interest of safety should only be carried out by a skilled mechanic. (*page 70*)

# FUEL LINE AND TANK

It is important to check for any fuel leaks around the tanks and along fuel lines. Bike engines become hot during use and therefore pose a fire risk. *(page 44)* 

# OIL LEVELS

Oil Levels Should be checked prior to each usage, the "dipstick" can be found on the right cover of the crack case, much like a car this is used to check the oil levels, if the engine is low on oil top up to a suitable level. The dipstick should always be replaced firmly and securely. The oil supplied with the motorcycle is transport oil that should be changed after the first 4 hours of usage. (*page 46*)

## **REPLACING THE OIL**

- -Remove the "sump plug"
- -Drain the oil from the engine
- -Replace the sump plug
- -Refill the engine with a high quality oil suitable for the engine

PLEASE NOTE: Never maintain the engine when it is hot as this can cause injury, leaks of petrochemicals can cause fires, explosions and even death.

Whether your Bike has a 2 – Stroke or 4 – Stroke engine, your bike engine relies on a good supply of high quality engine oil. Failure to the oil supply can permanently damage your engine, and oil leaks can cause the loss of control to your Bike.

# SPARK PLUG

- . Remove the coil/lead from the spark plug
- . Remove the spark plug with the correct tool
- -Ensure the Gap at the contactors is 0.6-0.7mm

-Clean around the contactors (where the spark is emitted from) or replace the unit (*page 65*)

# AIR FILTER

Check the air filter after each usage of the motorcycle. Where applicable remove the air filter for cleaning

Wash the filter or soak it with an air filter cleaner or machine oil, if the filter is in any way damaged, please source a replacement filter appropriate for fitting to the Carburetor.

CAUTION: Make sure the air filter is correctly fitted to the bike; failure to fit the filter will result in contaminants entering the engine and cause fatal damage to the engine components (*page 55*)

# Maintenance

### THROTTLE

The throttle of your motorcycle directly affects the speed of your bike, it should be in perfect working order before each time you ride your bike. Check and ensure that the cable and all mechanical parts included in the throttle system are moving freely. *(page 57)* 

The Carburetor is also considered part of the throttle system and may also require adjustment. It is not advised to make adjustments whilst the engine is running. Repeat adjustments whilst the engine id off and test each adjustment afterwards.

To adjust the Carburetor:

-Support the motorcycle by means of the side stand -Adjust the idling speed using the adjustment screw (recommended r/min are aprox. 1500 r/min)

PLEASE NOTE: Do not make adjustments to a cold engine as this is the most changeable state of the engines running. Adjustments should not be made by unqualified persons, if in doubt please consult a qualified mechanic. (*page 50*)

### CHAIN

It is advisable to visually check the chain of your bike before each use. Its general condition is important, there should be no obstructions to the chain, it should be well lubricated and under the correct tension. (*page 82*)

# Maintenance

### TIRES

Thumpstar Motorbikes advise that you should check the condition and wear of your tires before every ride. Tire pressure should be check intermittently (please refer to "Tips for Servicing and Maintenance" for further information. Tires can be damaged by rough terrain In the event of any discrepancies or faults discovered during your safety checks, please refer to "Tips for Servicing and Maintenance" or contact an approved mechanic. (*page 78*)

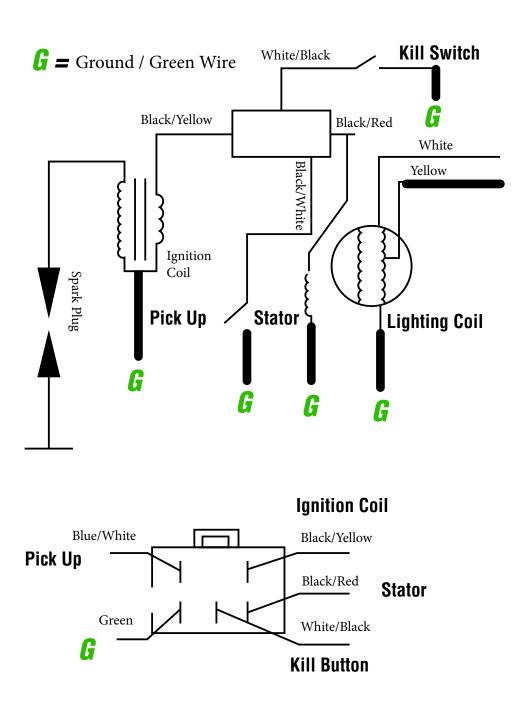
## **GENERAL CLEANLINESS**

The cleaning of your motorcycle can prolong the life of many component parts such as, plastics brakes and frame etc. Jet washing can cause damage to certain components i.e Air filters.

## PLEASE NOTE:

Some cleaning chemicals can remove oils and lubricants that are vital to the running condition of the Bike. It is highly recommended that all lubricated areas are treated with the correct lubricants. Do not use corrosive detergents for the cleaning of the motorcycle. Brakes can be rendered ineffective if wet or contaminated with detergents, please allow for drying time prior to reusing the motorcycle after cleaning.

# Wiring Diagram



## FUEL RECOMMENDATION

Туре	Unleaded
Pump Octane Number	86 (or higher)

Your engine is designed to use any unleaded gasoline that has a pump octane number of 86 or higher. Gasoline pumps at service stations normally display the pump octane number.

Use of lower octane gasoline can cause persistent "pinging" or "spark knock" (a louder rapping noise) which, if severe, can lead to engine damage. (Light pinging experienced while operating under a heavy load, such as climbing a hill, is no cause for concern.)

If pinging or spark knock occurs at a steady engine speed under normal load, change brands of gasoline. If pinging or spark knock persists, consult your **Certified Motorcycle Mechanic**.

Use only unleaded fuel in your Thumpstar. If you ride your Thumpstar in a country where leaded fuel might be available, take precautions to use only unleaded fuel.

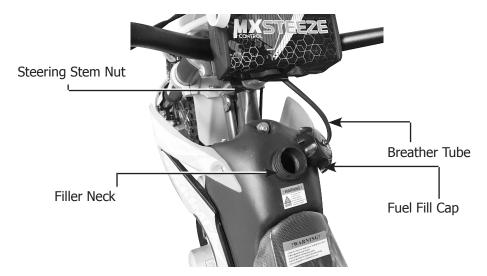
Never use stale or contaminated gasoline or an oil/gasoline mixture. Avoid getting dirt, dust, or water in the fuel tank.

Getting dirt or dust on your fuel can block you Carburetor which can cause it to leak and cause other problems as well.



# **REFUELING PROCEDURE**

Fuel Tank Capacity, including reserve: 1.06 US gal (4.0 ) Reserve Capacity: 0.26 US gal (1.0 )



- 1. To open the fuel fill cap, pull the breather tube out of the steering stem nut. Turn the fuel fill cap counterclockwise and remove it.
- 2. Add fuel until the level reaches the bottom of the filler neck. Avoid overfilling the tank. There should be no fuel in the filler neck.
- 3. After refueling, turn the fuel fill cap clockwise until it is secure.
- 4. Insert the breather tube in the steering stem nut.

If you replace the fuel fill cap, use only a Thumpstar Genuine replacement part.

Using the proper oil, and regularly checking, adding, and changing oil will help extend your engine's life. Even the best oil wears out. Changing oil helps get rid of dirt and deposits held in the engine. Operating the engine with old or dirty oil can damage your engine. Running the engine with insufficient oil can cause serious damage to the engine and transmission.

## OIL RECOMMENDATION

API classification	SG or higher except oils labeled as energy conserving on the circular API service label
viscosity (weight)	SAE 10W-30* / 10W-40*
JASO T 903 standard	МА
suggested oil**	4-stroke oil, or an equivalent motorcycle oil

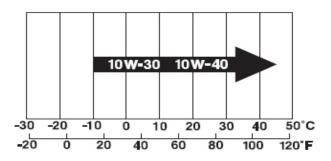
\*For normal air temperatures. See next page for additional temperature/ viscosity Information.

\*\*Suggested oils are equal in performance to SJ oils that are not labeled as energy conserving on the circular API service label.

Your motorcycle does not need oil additives. Use the recommended oil.

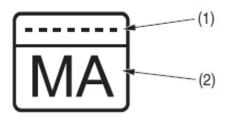
- Do not use oils with graphite or molybdenum additives. They may adversely affect clutch operation.
- Do not use API SH or higher oils displaying a circular API "energy conserving" service label on the container. They may affect lubrication and clutch performance.
- Do not use non-detergent, vegetable, or castor based racing oils.

Other viscosities shown in the following chart may be used when the average temperature in your riding area is within the indicated range.



# JASO T 903 Standard

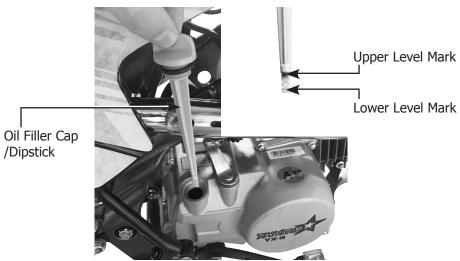
The JASO T 903 standard is an index for engine oils for 4-stroke motorcycle engines. There are two classes: MA and MB. Oil conforming to the standard is labeled on the oil container. For example, the following label shows the MA classification.



(1) oil code(2) oil classification



## **CHECKING & ADDING OIL**



- 1. Park your motorcycle on a firm, level surface.
- 2. Clean around the oil fill cap/dipstick and nearby surfaces.
- 3. Start the engine and let it idle for 3-5 minutes. Stop the engine. Wait 2-3 minutes.
- 4. Unscrew and remove the oil fill cap/dipstick. Wipe it clean.
- 5. Hold the motorcycle upright.
- 6. Insert the oil fill cap/dipstick until it seats, but do not screw it in.
- 7. Remove the oil fill cap/dipstick and check the oil level.
- If the oil is at or near the upper level mark, you do not have to add oil.
- If the oil is below or near the lower level mark, add the recommended oil until it reaches the upper level mark. (Do notoverfill.)
- 8. Insert the oil fill cap/dipstick and screw it in tightly.
- 9. Check for oil leaks.

# **CHANGING ENGINE OIL**



Oil Drain Bolt

- 1. If the engine is cold, start it and let it idle for 3-5 minutes. Turn the engine off. Wait 2-3 minutes for the oil to settle.
- 2. Park your motorcycle on a firm, level surface.
- 3. Remove the oil fill cap/dipstick.
- 4. Place a drain pan under the crankcase.
- 5. Unscrew and remove the oil drain bolt and washer.
- 6. After most of the oil is drained, gently tilt the motorcycle from side to side to drain the remaining oil.
- 7. Pour the drained oil into a suitable container and dispose of it in an approved manner.
- 8. Remove the old sealing washer and install a new sealing washer on the drain bolt.
- 9. Install the oil drain bolt and tighten to the specified torque: 18 lbf·ft (24 N·m , 2.4 kgf·m)
- 10. Pour the recommended oil into the crankcase, approximately: 1 Liter
- 11. Install the oil fill cap/dipstick securely.
- 12. Start the engine. Let it idle 3-5 minutes, then turn it off.
- 13. With the motorcycle held upright on level ground, check the oil level. If needed, add oil until it reaches the upper level mark. (Do not overfill.)
- 14. Check for oil leaks.

# Carburetor Adjustments & Tuning Tips <sup>50</sup>

### HIGH ALTITUDE CARBURETOR ADJUSTMENT

At high altitude, the standard carburetor airfuel mixture will be too rich. Performance will decrease, and fuel consumption will increase. A very rich mixture will also foul the spark plug and cause hard starting. Operation at an altitude that differs from that at which this engine was certified, for extended periods of time, may increase emissions.

High altitude performance can be improved by specific modifications to the carburetor. If you always operate your engine at altitudes above 6,500 feet (2,000 meters), have your servicing dealer perform this carburetor modification. This engine, when operated at high altitude with the carburetor modifications for high altitude use, will meet each emission standard throughout its useful life.

Even with carburetor modification, engine horsepower will decrease about 3.5% for each 1,000-foot (300-meter) increase in altitude. The effect of altitude on horsepower will be greater than this if no carburetor modification is made.



Adjustable Air Fuel/Pilot Screw



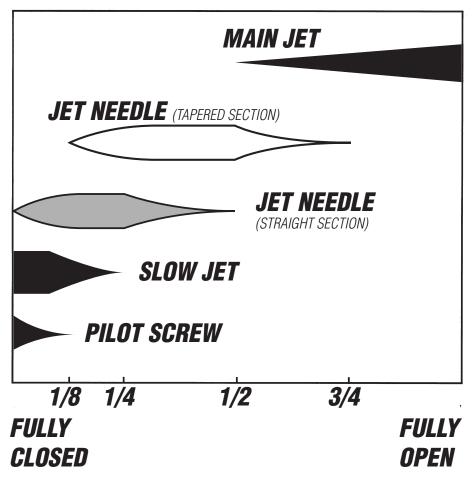
Use to adjust air fuel mixture for your bike

\*Sold Separately

## CARBURETOR CIRCUIT FUNCTIONS

The carburetor has several circuits, each providing the fuel/air mixture over a given portion of throttle valve opening.

These circuits overlap as show below.



### MAIN JET

The main jet affects fuel/air ratio from half (1/2) to full throttle (4/4). The size should be reduced at higher altitudes.

#### 52 **Carburetor Adjustments & Tuning Tips**

### JET NEEDLE

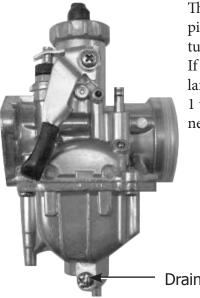
The jet needle controls fuel/air mixture over fully closed to 3/4 throttle. The straight section affects throttle response at smaller throttle openings. By changing the position of the clip in its groove, you can improve acceleration at medium low and medium speed.

#### SLOW JET AND AIR FUEL / **PILOT SCREW**

The slow jet and pilot screw affects fuel/air ratio over fully closed to 1/4 throttle. Adjust the pilot screw tot obtain the best off-idle performance.

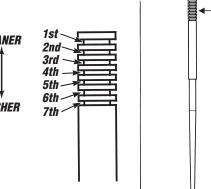
• If the engine blubbers (rich) exiting a corner, turn the pilot screw clockwise to lean the mixture.

• If the engine surges (lean) exiting a corner, turn the pilot screw counterclockwise to richen the mixture.



The minimum to maximum range of pilot screw adjustment is 1 to 1 3/4 turns out from the lightly seated position. If you exceed 1 3/4 turns out, the next larger slow jet is needed. If you are under 1 turns out, the next smaller slow jet is needed.





3

### STANDARD TUNING RECOMMENDATIONS

For the following recommendations to be accurate, you must use the standard settings as a baseline. Also, don't change any of the settings until you've determined what changes are necessary.

Adjustment	TSB110 / TSK110 - <b>VM22</b> Standard Settings	Adjustment	TSB125 / TSX125 - <b>VM22</b> Standard Settings
Pilot / Air Fuel Screw Opening	1–3/4 Turns Out	Pilot / Air Fuel Screw Opening	1–3/4 Turns Out
Slow/Pilot Jet	Pod Filter #15 / Airbox #15	Slow/Pilot Jet	Pod Filter #15 / Airbox #15
Needle Clip Position	3rd Groove	Needle Clip Position	3rd Groove
Main jet	Pod Filter #95 / Airbox #110	Main jet	Pod Filter #95 / Airbox #110
Adjustment	TSX140 - <i>VM22</i> Standard Settings	Adjustment	TSR190 / TSX190 - <b>PE28</b> Standard Settings
Pilot / Air Fuel Screw Opening	1–3/4 Turns Out	Pilot / Air Fuel Screw Opening	1–3/4 Turns Out
Slow/Pilot Jet	Pod Filter #20 / Airbox #20	Slow/Pilot Jet	#40 #42
Needle Clip Position	3rd Groove	Needle Clip Position	3rd Groove
Main jet	Pod Filter #110 / Airbox #20	Main jet	#115 #118 #120

## ADJUSTMENTS FOR ALTITUDE & TEMPERATURE

All jetting recommendations are based on standard jetting with an unmodified engine. The following conditions can affect the fuel mixture

Condition	Mixture Will Be	Adjust To	Component Affected
Cold Temperature	Lean	Richen	
Warm Temperature	Rich	Lean	Main Jet (Jet Needle Stage)
Dry Air	Lean	Richen	
High Humidity	Rich	Lean	
High Altitude	Rich	Lean	

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### SPECIAL TUNING CONDITIONS

There are some unique atmospheric conditions or situations that may require additional adjustments. It should not be necessary to go more than one jet size richer or leaner to fine tune your Thumpstar. If larger jetting changes are necessary, check for air leaks, blocked or restricted exhaust or fuel systems, or a dirty air cleaner.

Condition	Main Jet Adjustment
Long Straights	
Uphill Sections	Next Larger
Sand	
Mud	
High Humidity	
Raining	Next Smaller
Hotter Than 113 °F (59 °C)	



# Air Cleaner

Proper air cleaner maintenance is very important for off-road motorcycles. A dirty, watersoaked, worn-out, or defective air cleaner will allow dirt, dust, mud, and other impurities to pass into the engine.

Service the air cleaner more frequently if you ride in unusually wet or dusty areas. Your **Certified Motorcycle Mechanic** can help you determine the correct service interval for your riding conditions.

Your motorcycle's air cleaner has very specific performance requirements. Use a new Thumpstar Genuine air cleaner specified for your model or an air cleaner of equal quality.

## NOTICE:

Using the wrong air cleaner may result in premature engine wear.

Proper air cleaner maintenance can prevent premature engine wear or damage, expensive repairs, low engine power, poor gas mileage, and spark plug fouling.

Improper or lack of proper air cleaner maintenance can cause poor performance and premature engine wear.



1. Caged Airbox Type



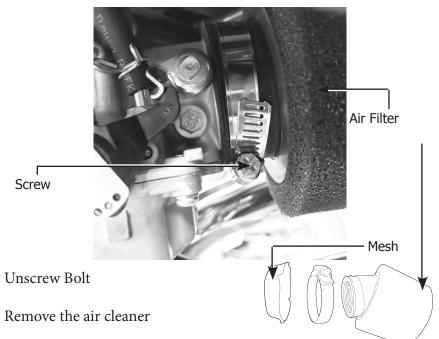
2. Pod Airfilter Type

# Air Cleaner

## CLEANING

1.

2.

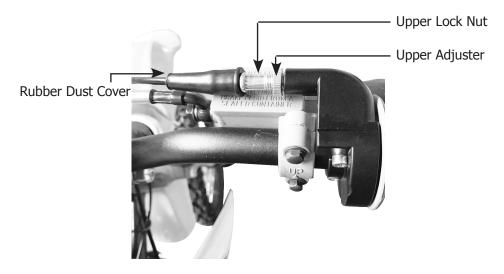


- 3. Gently wash the air cleaner in clean, nonflammable(high flash point) solvent such askerosene not gasoline. After cleaning,gently squeeze out the remaining solvent. Avoid twisting or wringing the air cleaner. This can tear the foam.
- 4. Inspect for tears or cracks in the foam orseams of the air cleaner. Replace the aircleaner if it is damaged.
- 5. Allow the air cleaner to dry thoroughly before applying oil. A wet air cleaner will not fully absorb the oil.
- 6. Check anti-flame mesh for damages
- 7. Pour clean No Toil Biodegradabe or an equivalent over the entire surface of the air cleaner. Use both hands to evenly spread the oil into the air cleaner. Gently squeeze out any excess oil.
- 8. Install the air cleaner and screws back again.

# Throttle

### **UPPER ADJUSTMENT**

Minor adjustments are generally made with the upper adjuster.



- 1. Pull the rubber dust cover back.
- 2. Loosen the upper lock nut on the throttle cable mechanism.
- 3. Turn the upper adjuster.
- 4. Tighten the lock nut. Return the dust coverto its normal position.
- 5. After adjustment, check for smooth rotation f the throttle grip from fully closed to fullyopen in all steering positions.

# Throttle

## SECOND ADJUSTMENT

The second adjuster is used for major freeplay adjustment, such as after replacing the throttle cables or removing the carburetor. It is also used if you can not get the proper adjustment with the upper adjuster

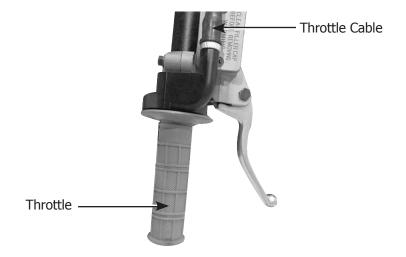


- 1. Loosen the locking nut.
- 2. Turn the second adjuster.
- 3. Tighten the locking nut.

Maintenance tip: Recommend using a service spray WD40 or equivalent inside the throttle cable housing and throttle



# THROTTLE INSPECTION



- 1. Check that the throttle assembly is positioned properly and the securing bolts are tight.
- 2. Check for smooth rotation of the throttle from fully open to fully closed in all steering positions. If there is a problem, see your **Certified Motorcycle Mechanic**
- 3. Inspect the condition of the throttle cables from the throttle grip down to the carburetor. If the cable is kinked or chafed, have it replaced.
- 4. Check the cables for tension or stress in all steering positions
- 5. Lubricate the cables with a commercially available cable lubricant to prevent premature rust and corrosion. (ie: WD40 or similar product)

# **Clutch System**

## **CLUTCH FREEPLAY**



### INSPECTION

Check Freeplay

If necessary, adjust to the specified range. Improper freeplay adjustment can cause premature clutch wear.

## UPPER ADJUSTMENT

Minor adjustments are generally made with the upper clutch cable adjuster.

Upper Lock Nut



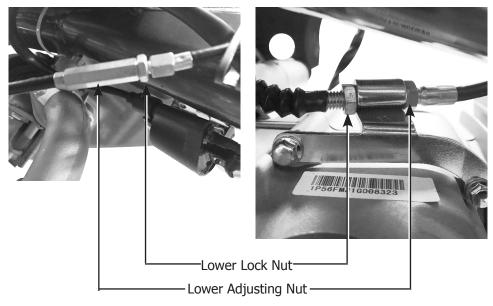
- 1. Loosen the upper lock nut.
- 2. Turn the upper clutch cable adjuster to obtain the specified freeplay.
- 3. Tighten the lock nut and check the freeplay again.
- 4. Return the dust cover to its normal position.

# LOWER ADJUSTMENT

The lower clutch cable adjuster is used if the upper clutch cable adjuster is threaded out near its limit or the correct freeplay cannot be obtained.



TSX 140-C



- 1. Loosen the upper lock nut and turn the upper clutch cable adjuster all the way in.
- 2. Tighten the upper lock nut and pull the dust cover back to its normal position.
- 3. Hold the lower adjusting nut and loosen the lower lock nut at the lower end of the cable.
- 4. Turn the lower adjusting nut to obtain the specified freeplay
- 5. Hold the lower adjusting nut and tighten the lower lock nut. Check the adjustment.
- 6. Start the engine, pull the clutch lever in, and shift into gear. Make sure the engine does not stall and the motorcycle does not creep. Gradually release the clutch lever and open the throttle. Your motorcycle should move smoothly and accelerate gradually.

# Valve Clearance

Excessive valve clearance will cause noise and eventual engine damage. Little or no clearance will prevent the valve from closing and cause valve damage and power loss. Check valve clearance when the engine is cold at the intervals specified in the Maintenance Schedule.

The checking or adjusting of the clearance should be performed while the engine is cold. The clearance will change as engine temperature rises.

- 1. Remove the cylinder head cover by removing the bolts and mount rubbers.
- 2. Remove the cylinder head cover gasket.
- 3. Remove the crankshaft hole cap and timing hole cap
- 4. Rotate the generator flywheel counterclockwise until the T mark on the flywheel lines up with the index mark on the left crankcase cover. In this position, the piston may either be on the compression or exhaust stroke.

The adjustment must be made when the piston is at the top of the compression stroke when both the intake and exhaust valves are closed. This condition can be determined by moving the rocker arms. If they are free, it is an indication that the valves are closed and that the piston is on the compression stroke. If they aretight and the valves are open, rotate the flywheel 360° and realign the T mark to the index mark.

5. Check the clearance of both valves by inserting a feeler gauge between the adjusting screw and the valve stem.

Clearance should be:

Intake: 0.003" in

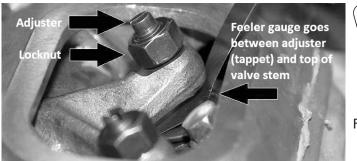
Exhaust: 0.005" in

# Valve Clearance

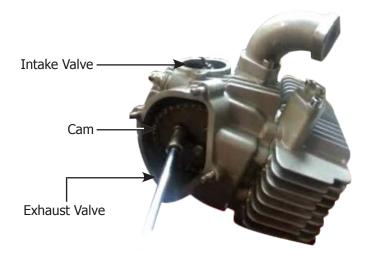
6. If it is necessary to make an adjustment, loosen the adjusting screw lock nut and turn the adjusting screw so there is a slight resistance when the feeler gauge is inserted.

After completing the adjustment, tighten the adjusting screw lock nut while holding the adjusting screw to prevent it from turning. Finally, recheck the clearance to make sure that the adjustment has not been disturbed.

 Check that the mount rubbers in good condition. Install the mount rubbers onto the cylinder head cover with the "UP" mark facing up. Install a new gasket onto cylinder head cover. Install the cylinder head. Install and tighten the cylinder head cover bolts.



Feeler Gauge



Idle Speed Screw

The engine must be at normal operating temperature for accurate idle speed adjustment. Ten minutes of stop-and-go riding is sufficient.



Do not attempt to compensate for faults in other systems by adjusting idle speed. See your **Certified Motorcycle Mechanic** for regularly schedule carburetor adjustments.

- 1. Warm up the engine, shift to neutral and place the motorcycle on its stand.
- 2. Adjust idle speed screw with a screw driver.

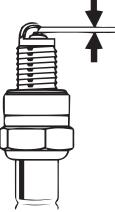
Idle Speed:  $1,400 \pm 100 \text{ rpm}$ 

## SPARK PLUG RECOMMENDATION

The recommended standard spark plug is satisfactory for most riding conditions.

Brand / Model	Torch A7TC   NGK C7HSA
---------------	------------------------

Use only the recommended type of spark plugs in the recommended heat range.



## NOTICE:

Using spark plugs with an improper heat range can cause engine damage.

- 1. Clean any dirt from around the spark plug base.
- 2. Disconnect the spark plug cap.
- 3. Remove the spark plug with a plug wrench.
- 4. Inspect the spark plug electrodes for wear. The center electrode should have square edges. The side electrode should not be eroded. The insulator should not be crackedor chipped.

# Spark Plug

- 5. Check the spark plug gap, using a wiretype feeler gauge. If adjustment is necessary, bend the side electrode carefully. The gap should be: 0.03-0.04 in (0.8-0.9 mm) Make sure the plug washer is in good condition. If you have to install a new plug, first check the gap.
- 6. With the plug washer attached, thread the spark plug in by hand (to prevent crossthreading).
- 7. Tighten the spark plug:
- If the old plug is good: 1/6 turn after it seats.
- If installing a new plug, tighten it twice to prevent loosening:
  - a) First, tighten the plug: NGK: 1/4 turn after it seats.
  - b) Then loosen the plug.
  - c) Next, tighten the plug again: 1/6 turn after it seats.

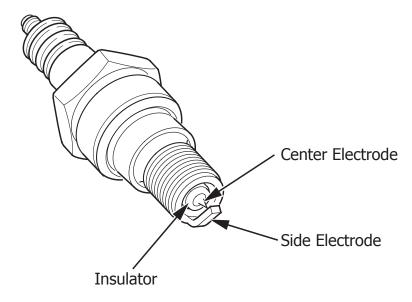
## NOTICE:

An improperly tightened spark plug can damage the engine. If a plug is too loose, a piston may be damaged. If a plug is too tight, the threads may be damaged.

8. Reinstall the spark plug cap. Take care to avoid pinching any cables or wires.

*Note:* An improperly tightened spark plug can damage the engine. If a plug is too loose, a piston may be damaged. If a plug is too tight, the threads may be damaged.

# Spark Plug



### SPARK PLUG COLORING GUIDELINES

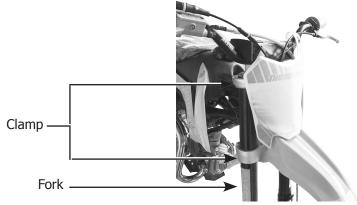
Condition	Spark Plug Appearance	Mixture
Normal	Dark Brown to Light Tan color with Dry Electrode	Correct
Overheating (Lean)	Light Gray or White Color	Lean
Wet (Rich)	Wet or Sooty	Rich

Remember that in addition to improper jetting:

• A lean condition can be caused by air leaks in the inlet tract or exhaust system, the passage of too much air because of the use of the wrong air cleaner, use of a less-restrictive aftermarket exhaust system, or a hole or holes (deliberate or unintentional) in the air box.

• A rich condition can be caused by a plugged or dirty air cleaner, use of a more-restrictive aftermarket exhaust system, a clogged spark arrester, or excessive oil on the air cleaner. Excessive smoking will occur.

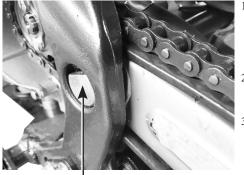
Loose, worn, or damaged suspension components may adversely affect the handling and stability of your motorcycle. If any suspension components appear worn or damaged, see your **Certified Motorcycle Mechanic** for further inspection. Your **Certified Motorcycle Mechanic** is qualified to determine whether or not replacement parts or repairs are needed.



### FRONT SUSPENSION INSPECTION

- Check fork operation. Pull the front brake lever in, to lock the brake. Then pump up and down
  on the fork legs several times. The suspension should function smoothly. There should be no
  oil leakage.
- 2. Check the security of all handlebar and fork mounting bolts. If any front suspension components appear worn or damaged, see your **Certified Motorcycle Mechanic** for further inspection.

### **REAR SUSPENSION INSPECTION**



Swingarm Axle

- Place the motorcycle on a maintenance stand. Push hard against the side of the rear wheel and feel for any freeplay which indicates worn swingarm bushings.
- 2. Check that the fasteners for the shock absorber attachment points are secure.
- Check for oil leaks in the shock absorber. If any rear suspension components appear worn or damaged, see your Certified Motorcycle Mechanic for further inspection.

### Suspension

### **REAR SHOCK**

Rear shock can be raised or lowered depending on the model

#### Lower the Seat Height

To lower your motorcycles seat height, remove the bottom M10 shock bolt and move it up to the top position.

#### Raise the Seat Height

To raise your motorcycles seat height, remove the bottom M10 shock bolt and loosen the lock and wind the U shape adaptor, do not raise it any more than 10mm, then re tighten lock nut.

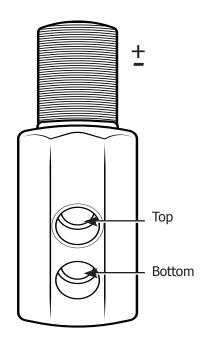
Tip: slide your front fork up or down to match the rear shock.

Tip #2: front and rear suspension from kids and adults models is interchangeable, ask your dealer about purchasing the shorter or longer suspension which can be ordered with adjustable compression and dampening.

### PRE LOAD

To adjust your pre load / spring stiffness loosen locknut above the spring and then using a C spanner screw the nut up or down to adjust to suitable range.





### LINKAGE

All V5 models come with a linkage which uses following replacement parts, 7 x HK2020 standard needle roller bearing

6 x 20x32x5 seals.

1 x spherical GEG bearing GEG10C 10x22x12 or needle roller bearing depending on the model.

Note: Swingarm uses same bearing and seal.



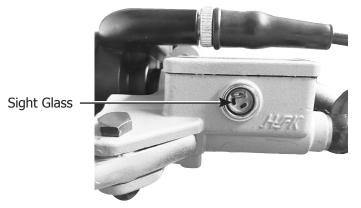
### FRONT BRAKE LEVER

The front brake is the hydraulic disc type. As the brake pads wear, the brake fluid level will drop. A leak in the system will also cause the level to drop.

Frequently inspect the system to ensure there are no fluid leaks. Periodically inspect the brake fluid level and the brake pads for wear.

If the front brake lever freeplay does not feel within the normal range while riding, check the brake pads. If they are not worn beyond the recommended limit, there is probably air in the brake system. See your **Certified Motorcycle Mechanic** dealer to have the air bled from the system.

### FLUID LEVEL INSPECTION

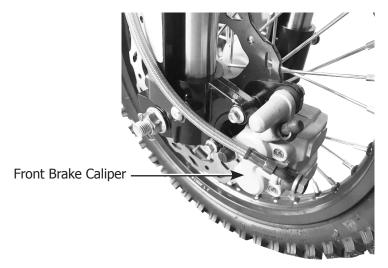


With the motorcycle in an upright position, check the fluid level. It should be above the LOWER level mark. If the level is at or below the LOWER level mark, check the brake pads for wear.

Worn brake pads should be replaced. If the pads are not worn, have your brake system inspected for leaks.

### **BRAKE PAD WEAR**

Brake pad wear depends on the severity of usage, the type of riding, and riding area conditions. (Generally, the pads will wear faster on wet and dirty riding terrain.) Inspect the pads at each regular maintenance interval.

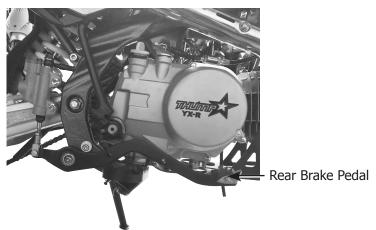


Check the cutout in each pad. If either pad is worn to the cutout, replace both pads as a set. See your **Certified Motorcycle Mechanic** for this service.

Check that the front lever assembly is positioned properly and the securing bolts are tight.

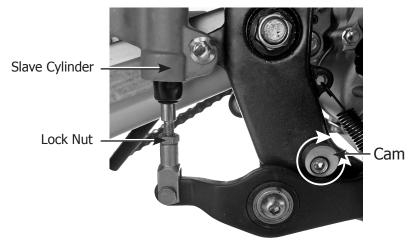
Brake fluid should be added and replaced by your **Certified Motorcycle Mechanic** dealer.

### REAR BRAKE PEDAL FREEPLAY



- 1. Place your motorcycle on its side stand.
- 2. Check freeplay by slowly depressing the brake pedal until the brake starts to engage

### REAR BRAKE PEDAL HEIGHT ADJUSTMENT



- 1. Loosen lock nut to adjust brake pedal to make it more tight or loose.
- 2. Loosen cam bolt and turn cam around to raise or lower brake pedal.

### Wheels

Keeping the wheels true (round) and maintaining correct spoke tension is critical to safe motorcycle operation. During the first 100 miles (150 km), spokes will loosen more rapidly due to the initial seating of the parts. Excessively loose spokes may result in instability at high speeds and the possible loss of control. Loose spokes may also cause rim or spoke damage. It's also important that the rim locks are secure to prevent tire slippage.

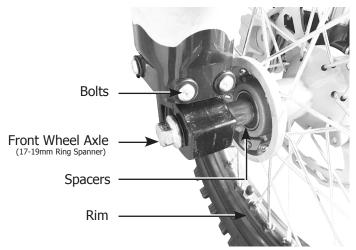
It is not necessary to remove the wheels to perform the recommended service in the Maintenance Schedule. However, information for wheel removal is provided for emergency situations.



### WHEEL RIMS & SPOKES

- 1. Inspect the wheel rims and spokes for damage.
- 2. Tighten any loose spokes. To do a general wheel spoke tightening, mark the first spoke with a marker then tighten every 4th spoke. When back at the start move to the next spoke and repeat the process. This process will help avoid the rim becoming buckled. (This should be performed by a qualified mechanic)
- 3. Rotate the wheel slowly to see if it appears to "wobble." If it does, the rim is out of round or not "true." If the wobble is noticeable, see your **Certified Motorcycle Mechanic** for inspection.

### FRONT WHEEL REMOVAL



- Raise the front wheel off the ground by placing a maintenance stand or 1. support block under the engine. Secure the rear of the motorcycle with tie-down straps.
- Remove the axle nuts and the axle holder using a 17-19mm ring 2. spanner.
- 3. Unscrew and remove the front axle shaft.
- Remove the wheel and side collars/spacers 4.

Avoid depressing the brake lever when the wheel is off the motorcycle. This will force the caliper pistons out of the cylinders. The result will be loss of brake fluid. If this occurs, the brake system will require service. See your Certified Motorcycle Mechanic for this service.



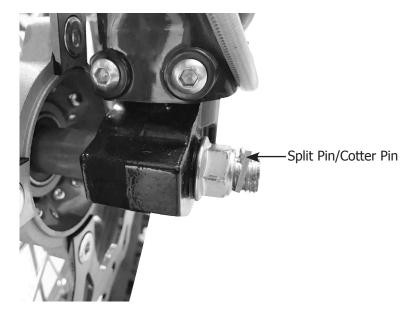
**Right Disk Spacer** 

Left Disk Spacer

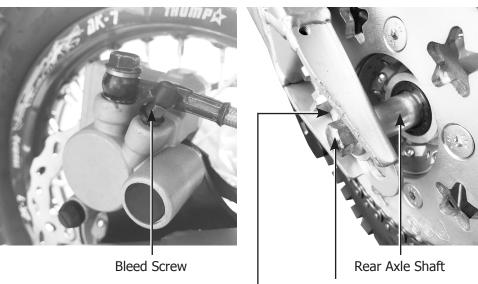
### FRONT WHEEL INSTALLATION

- 1. Reverse the removal procedure. Install the side collars into the wheel.
- 2. Insert the front axle shaft through the wheel hub and left fork leg.
- Tighten the front axle shaft to the specified Torque: 54 lbf·ft (73.5 N·m, 7.5 kgf·m)
- 4. Operate the front brake and pump the fork several times.
- 5. Install split pin/cotter pin.
- 6. After installing the wheel, apply the brake several times and then check if the wheel rotates freely. Recheck the wheel if the brake drags or if the wheel does not rotate freely. Check front brake adjustment

If a torque wrench was not used to install the wheel, see your **Certified Motorcycle Mechanic** as soon as possible to verify proper assembly. Improper assembly may lead to loss of braking capacity.



### REAR WHEEL REMOVAL



Rear Axle Nut

- 1. Raise the rear wheel off the ground by placing a maintenance stand or support block under the engine. Secure the front of the motorcycle with tie-down straps.
- 2. Remove the rear brake adjusting nut using a 17-19mm ring spanner.
- 3. Loosen the rear axle nut while holding the rear axle shaft.
- 4. Turn both chain adjusters so the rear wheel can be moved all the way forward for maximum drive chain slack.
- 5. Unscrew the rear axle nut. Pull the rear axle shaft out. Push the wheel forward and derail the drive chain from the rear sprocket. Remove the wheel and side collar.
- 6. Take care to prevent getting grease, oil, or dirt on the brake shoe surfaces. This can cause poor brake performance or rapid brake shoe wear after reassembly.

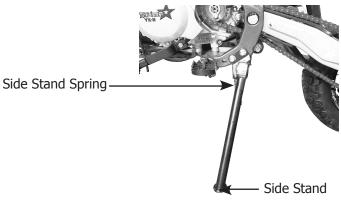
Chain Adjusters

### **REAR WHEEL INSTALLATION**

- 1. Reverse the removal procedure. Install the side collar into the wheel.
- 2. Adjust the drive chain.
- 3. Tighten the rear axle nut to the specified Torque: 80 lbf·ft (108 N·m , 11.0 kgf·m)
- 4. Adjust the rear brake.
- 5. Apply the rear brake, release it, then spin the wheel and check that it rotates freely. Repeat this procedure several times.

If a torque wrench was not used to install the wheel, see your **Certified Motorcycle Mechanic** dealer as soon as possible to verify proper assembly. Improper assembly may lead to loss of braking capacity.

# Side Stand



- 1. Check the side stand spring for damage Safety Precautions and loss of tension.
- 2. Check the side stand assembly for freedom of movement.

If the side stand is stiff or squeaky, clean the pivot area and lubricate the pivot bolt with clean engine oil.

To safely operate your motorcycle, the tires must be the proper type (offroad) and size, in good condition with adequate tread, and correctly inflated.



The following pages give detailed information on how and when to check your air pressure, how to inspect your tires for wear and damage, and our recommendations on tire repair and replacement.

### **AIR PRESSURE**

Properly inflated tires provide the best combination of handling, tread life, and riding comfort. Generally, underinflated tires wear unevenly, adversely affect handling, and are more likely to fail from being overheated. Underinflated tires can also cause wheel damage in rocky terrain. Overinflated tires make your motorcycle ride harshly, are more prone to damage from surface hazards, and wear unevenly.

Make sure the valve stem caps are secure. If necessary, install new caps.

# **Tires & Tubes**

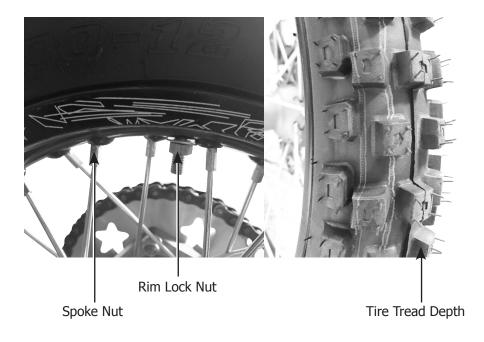
Always check air pressure when your tires are "cold." If you check air pressure when your tires are "warm" even if your motorcycle has only been ridden for a few miles the readings will be higher. If you let air out of warm tires to match the recommended cold pressures, the tires will be underinflated. The correct "cold" tire pressures are:

Front	20 psi (138 kPa , 1.4 kgf/cm )
Rear	20 psi (138 kPa , 1.4 kgf/cm )

If you decide to adjust tire pressures for a particular riding condition, make changes a little at a time.

### INSPECTION

A flat tire or blowout is inconvenient and may even cause a crash. Take time to inspect your tires and wheels before you ride.



# Tires & Tubes

- Inspect carefully for bumps or bulges in the side of the tire or the tread. Replace any tire that has a bump or bulge.
- Look closely for cuts, slits, or cracks in the tires. Replace a tire if you can see fabric or cord.
- Check for rocks or other objects embedded in the tire or tread. Remove any objects.
- Measure tread depth. Replace the tire before depth at the center reaches 0.12 in (3 mm), or any time you notice a reduction in traction.
- Check the position of both valve stems. A tilted valve stem indicates the tube is slipping inside the tire or the tire is slipping on the rim. See your **Certified Motorcycle Mechanic**.

### TUBE REPLACEMENT

If a tube is punctured or damaged, you should replace it as soon as possible. A repaired tube may not have the same reliability as a new one, and it may fail while you are riding.

Use a replacement tube equivalent to the original.

We recommend that tubes be replaced by your **Certified Motorcycle Mechanic**. Replacing a tube requires removing and reinstalling the wheel. Any time a tube is replaced, carefully inspect the tire as described on INSPECTION.

### TIRE REPLACEMENT

The tires that came on your motorcycle were designed to provide a good combination of handling, braking, durability, and comfort across a broad range of riding conditions.



TSX 125-C

Front	70/100-14
Rear	80/100-12
Туре	bias-ply, tube

TSX 140-C

Front	70/100-17
Rear	70/100-14
Туре	bias-ply, tube

- Use a replacement tire equivalent to the original.
- Replace the tube any time you replace a tire. The old tube will probably be stretched and, if installed in a new tire, could fail.
- Have the wheel balanced after a new tire is installed.
- We recommend that tires be replaced by your **Certified Motorcycle Mechanic**.

# **Drive Chain**

The service life of the chain depends on proper lubrication and adjustment. Poor maintenance can cause premature wear or damage to the drive chain or sprockets.

Under severe usage, or when the motorcycle is ridden in unusually dusty or muddy areas, more frequent maintenance will be necessary.

Before servicing your drive chain, turn the engine OFF, lower the side stand, and check that your transmission is in neutral.

It is not necessary to remove or replace the drive chain to perform the recommended service in the Maintenance Schedule.

### INSPECTION



Drive Chain

- Check slack in the lower drive chain run midway between the sprockets. Drive chain slack should allow the following vertical movement by hand: 10 - 20mm
- Check drive chain slack at several points along the chain. The slack should remain constant. If it isn't, some links may be kinked and binding. Lubricating the chain will often eliminate binding and kinking.

Excessive chain slack may allow the drive chain to damage the engine cases.

# **Drive Chain**

- 3. Inspect the drive chain for:
- damaged rollers
- loose pins
- dry or rusted links
- kinked or binding links
- excessive wear

Replace the drive chain if it has damaged rollers, loose pins, or kinks that cannot be freed. Lubricate the drive chain if it appears dry or shows signs of rust. Lubricate any kinked or binding links and work them free. Adjust chain slack if needed.

- 4. Check the chain slider for wear. If the ridge in the center of the slider is worn, have your **Certified Motorcycle Mechanic** replace the chain slider.
- 5. Replace the drive chain if chain slack is excessive when the rear axle is moved to the farthest limit of adjustment. Excessive slack indicates the chain is worn beyond its service limit. To check the chain's service limit, remove the drive chain . Then measure the distance between a span of 86 pins, from pin center to pin center. If the distance exceeds the service limit, the drive chain is worn out and should be replaced.
- 6. Inspect the front and rear sprocket teeth for excessive wear or damage. If necessary, have your **Certified Motorcycle Mechanic** replace a worn sprocket.

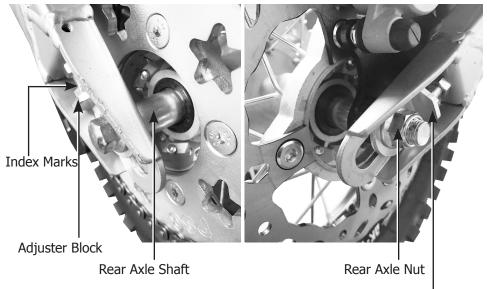
### NOTICE:

Use of a new chain with worn sprockets will cause rapid chain wear.

Standard Chain 428 recommend using heavy duty type. (HD or HG)

### **Drive Chain**

### ADJUSTMENT



Chain Adjusters

- 1. Hold the rear axle shaft and loosen the rear axle nut.
- 2. Loosen the lock nuts on both sides of the swingarm.
- 3. Turn both the right and left chain adjusters equally to increase or decrease chain slack.
- 4. After adjusting, be sure the same adjuster index marks align with the adjuster block on both sides of the swingarm.
- 5. Torque the rear axle nut to: 47 lbf·ft (64 N·m , 6.5 kgf·m)
- 6. Recheck drive chain slack.
- 7. Check rear brake pedal freeplay and adjust as necessary. Freeplay is affected when repositioning the rear wheel to adjust\drive chain slack.

If a torque wrench is not used for this installation, see your **Certified Motorcycle Mechanic** as soon as possible to verify proper assembly.

### LUBRICATION

Lubricate every 300 miles (500 km) or sooner if chain appears dry. Turn the rear wheel by hand. Saturate each chain link joint so that the lubricant penetrates between the link plates, pins, bushings, and rollers. Lubricate with quality chain oil.

### **REMOVAL, CLEANING & REPLACEMENT**

When the drive chain becomes extremely dirty, it should be removed and cleaned prior to lubrication.

- 1. Clean the side surfaces of the chain with a dry cloth.
- 2. Inspect the drive chain for possible wear or damage. Replace the drive chain if it has damaged rollers, loose fitting links, or otherwise appears unserviceable.

Replacement chain: 428 Chain and heavy duty

- 3. Inspect the sprocket teeth for wear or damage. We recommend replacing the sprocket whenever a new chain is installed.
- 5. Lubricate the drive chain.

### MORE ABOUT: DRIVE CHAIN

- The master link is the most critical element of drive chain security. Master links are reusable, as long as they remain in excellent condition. We recommend installing a new master link retaining clip when the drive chain is reassembled.
- You may find it easier to install a new chain by connecting it to the old chain with a master link and pulling the old chain to position the new chain on the sprockets.

Frequent cleaning and polishing will keep your Thumpstar looking newer longer. Frequent cleaning also identifies you as an owner who values your motorcycle. A clean motorcycle 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 motorcycle, 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 motorcycle.
- If your motorcycle 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 motorcycle. High pressure washers (like those at coin-operated car washes) can damage certain parts of your motorcycle. 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 motorcycle.

### WASHING YOUR MOTORCYCLE WITH A MILD DETERGENT

- 1. Rinse your motorcycle 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 motorcycles or automobiles.
- 3. Wash your motorcycle 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 motorcycle thoroughly with plenty of clean water to remove any residue.
- 5. Dry your motorcycle 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 motorcycle owner.

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

# Preparing for a Ride

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 motorcycle 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.

# **Transporting your Thumpstar**

If you use a truck or motorcycle 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 motorcycle in an upright position, using motorcycle tie-down straps. Avoid using rope, which can loosen and allow the motorcycle to fall over.



To secure your Thumpstar motorcycle, 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 motorcycle. 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.



Tip: if your Thumpstar has been on its side then please inspect fuel tank, carburetor and air filter for any fuel, if fuel has leaked while on its side then you cannot start the motorcycle until it's been removed.

# Storing your Thumpstar

Check that the tie-down straps do not contact any control cables or electrical wiring.

Tighten both straps until the front suspension is compressed about half-way. Too much pressure is unnecessary and could damage the fork seals.

Use another tie-down strap to keep the rear of the motorcycle from moving.

We recommend that you do not transport your motorcycle on its side. This can damage the motorcycle, and leaking gasoline could be a hazard.

### STORING YOUR THUMPSTAR MOTORCYCLE

If you won't be riding for an extended period, such as during the winter, thoroughly inspect your motorcycle and correct any problem before storing it. That way, needed repairs won't be forgotten and it will be easier to get your motorcycle running again.

### PREPARATION FOR STORAGE

- 1. Change the engine oil
- 2. Fill the fuel tank. Make sure the fuel fill cap is properly installed.
- 3. Check that the fuel valve is OFF.
- 4. Drain the carburetor into an approved gasoline container and dispose of it in an approved manner. If storage will last longer than one month, carburetor draining is important, to assure proper performance after storage.

# Storing your Thumpstar

- 5. Store it in an area protected from freezing temperatures and direct sunlight.
- 6. Wash and dry your motorcycle.
- 7. Lubricate the drive chain.
- 8. Inflate the tires to their recommended pressures
- 9. Store your motorcycle in an unheated area, free of dampness, away from sunlight, with a minimum of daily temperature variation.
- 10. Cover your motorcycle with a porous material. Avoid using plastic or similar nonbreathing, coated materials that restrict air flow and allow heat and moisture to accumulate.

### **REMOVAL FROM STORAGE**

- 1. Uncover and clean your motorcycle.
- 2. If your motorcycle has been stored for more than four months change the engine oil
- 3. If your motorcycle has been stored for more than two months drain and replace the fuel.
- 4. Lubricate the drive chain
- 5. Perform a pre-ride inspection, then test-ride your motorcycle at low speeds.

CHECK

The items that are serviceable using this Manual are followed by the page number reference in parenthesis. The items that require use of the Thumpstar Manual are followed by an asterisk.

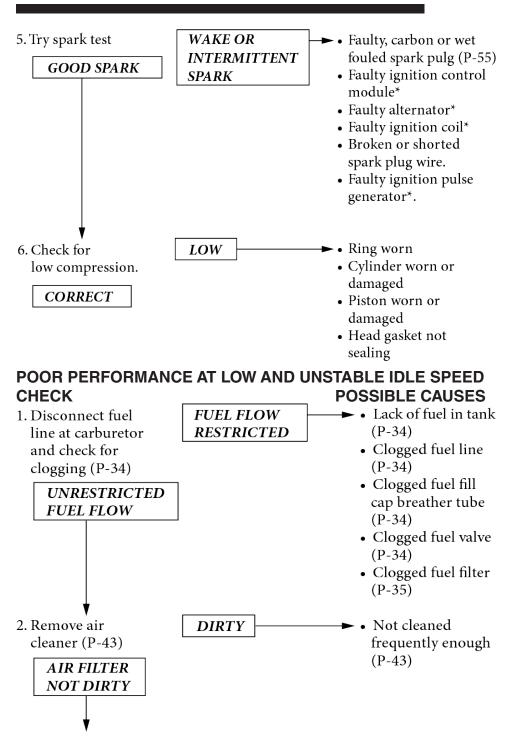
### POOR PERFORMANCE AT LOW AND UNSTABLE IDLE SPEED

CHECK		POSSIBLE CAUSES
1. Check if air cleaner is over- oiled (P-43)	INCORRECT	→ • Over-oiled air cleaner.
2. Check if the intake <i>tube is leaking</i>	LEAKING	<ul> <li>► • Loose insulator clamp</li> <li>• Damaged insulator</li> </ul>
3. Check carbureator pilot screw <i>adjustment (P-126)</i>	INCORRECT	<ul> <li>Fuel-air mixture too lean (Turn the pilot screw out) (P-126)</li> <li>Fuel-air mixture too rich (Turn the pilot screw in) (P-126)</li> </ul>
4. Check carburetor jets and accelerator pump for clogs	BLOCKED	<ul> <li>Contaminants in the fuel</li> <li>Not cleaned frequently enough (P-119)</li> </ul>

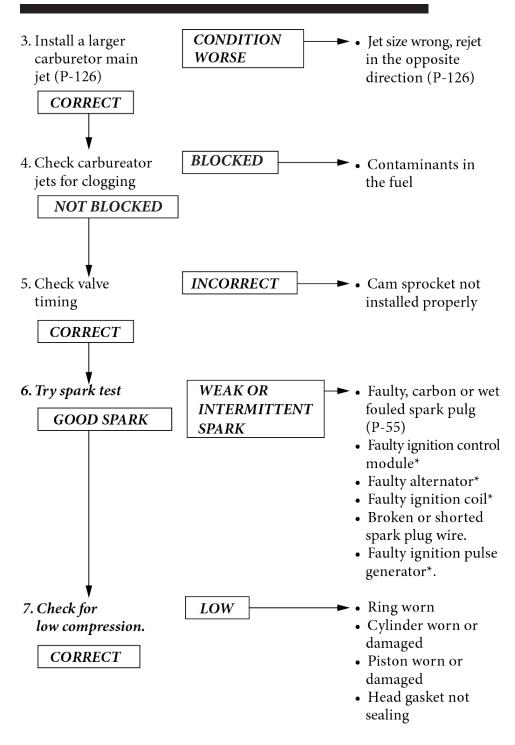
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DOGGIBI E CALIGES

# Troubleshooting



# Troubleshooting



# You & the Environment

Owning and riding a motorcycle 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 motorcycle owner.

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

Keep the Noise Down - Loud motorcycles can be offensive. Ride as quietly as possible, 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 andmay be illegal.

Choose Sensible Cleaners - Use a biodegradable detergent when you wash your motorcycle. Avoid aerosol spray cleaners that contain chlorofluoro carbons (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 refuse workers 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 sepa rate 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-recycla ble wastes.

# Taking care of the Unexpected

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 motorcycle 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 motorcycle 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 motorcycle 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 motorcycle is not in safe riding condition.

Additional recommendations for specific problems follow.

### IF YOUR ENGINE QUITS 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	See or talk to your Thumpstar Certified Motorcycle
mixture)	Mechanic.
detonates or pings under	If applicable, switch to the recommended octane gasoline
load	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	See or talk to your Thumpstar Certified Motorcycle
ignition switched OFF)	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	Remove caburetor and clean the jet
shut-off valve	
SYMPTOM	Does not start / kick 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 motorcycle back to your base or send for help. We strongly recommend that you do not try to ride with a flat tire. The motorcycle will be hard to handle, and if the tire comes off the rim, it may lock up the wheel and cause you to crash.



### **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 motorcycle. 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 motorcycle back to your base, ride slowly Personal safety is your first priority after a and cautiously.

Sometimes, crash damage is hidden or not immediately apparent. When you get home, thoroughly check your motorcycle 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 brakes 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 motorcycle 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 motorcycle





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 componants 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

# **Oxygenated Fuels**

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.

# **Specifications**

# TSK 110-C

### ENGINE AND TRANSMISSION

Engine	Zongshen   4 Stroke
CC Rating	110cc
Gearbox	Semi Automatic   Centrifugal Clutch   4 Speed (N1234)
Starter	Kick / Electric
Carburetion	Mikuni VM22 26mm
Exhaust	Pipe Bomb DW1 38mm Exhaust System
Final Drive	PSC 6 Bolt Sprocket   428 HD Chain
Top Speed	90kph/55mph (depending on gearing)

#### SUSPENSION, BRAKES AND WHEELS

Suspension Front	VS1 Inverted Fork   Length Adj 700m   45/48mm Fork	
Suspension Rear	VS1 Linkage U Shock   Length Adj 330mm (+10mm -10mm)	
Brakes Front	220mm Disc   HSK Dual Piston	
Brakes Rear	190mm Disc   Single Piston	
Wheel & Tyre Front	Alloy Rim   70/100-14	
Wheel & Tyre Rear	Alloy Rim w/ Rim Lock   Stainless Spoke   80/100-12	

### DIMENSIONS AND WEIGHT

Wheelbase	1260mm   50"
Seat Height	750mm   29.5" (+10mm -10mm)
Weight (N.W/G.W)	80/90 kg   176/198 lbs
Tank Capacity	3.4 Litres   .9 Gallon
Product Packing Size	1420x430x640mm   .40m3

# **Specifications**

# TSB 110-C

### ENGINE AND TRANSMISSION

Engine	FH   4 Stroke
CC Rating	110cc
Gearbox	Semi Automatic   Centrifugal Clutch   4 Speed (N1234)
Starter	Kick
Carburetion	Mikuni VM22 26mm
Exhaust	Pipe Bomb DW1 38mm Exhaust System
Final Drive	PSC 6 Bolt Sprocket   428 HD Chain
Top Speed	90kph/55mph (depending on gearing)

#### SUSPENSION, BRAKES AND WHEELS

Suspension Front	VS1 Inverted Fork   Length 700m   45/48mm Fork	
Suspension Rear	VS1 Linkage U Shock   Length 330mm	
Brakes Front	190mm Disc   Single Piston	
Brakes Rear	190mm Disc   Single Piston	
Wheel & Tyre Front	Alloy Rim   70/100-14	
Wheel & Tyre Rear	Alloy Rim w/ Rim Lock   Stainless Spoke   80/100-12	

### DIMENSIONS AND WEIGHT

Wheelbase	1260mm   50"
Seat Height	750mm   29.5" (+10mm -10mm)
Weight (N.W/G.W)	80/90 kg   176/198 lbs
Tank Capacity	3.4 Litres   .9 Gallon
Product Packing Size	1420x430x640mm   .40m3

# **Specifications**

# TSB 125-C

### ENGINE AND TRANSMISSION

Engine	FH   4 Stroke
CC Rating	125cc
Gearbox	Manual   4 speed (N1234)
Starter	Kick
Carburetion	Molkt VM22 26mm
Exhaust	Pipe Bomb DW1 38mm Exhaust System
Final Drive	PSC 6 Bolt Sprocket   428 HD Chain
Top Speed	90kph/55mph (depending on gearing)

### SUSPENSION, BRAKES AND WHEELS

Suspension Front	VS1 Inverted Forks   Length 700mm   45/48mm
Suspension Rear	VS1 Linkage U Shock   Length 330mm
Brakes Front	190mm Disc   HSK Single Piston
Brakes Rear	190mm Disc   HSK Single Piston
Wheel & Tyre Front	Alloy Rim   70/100-14
Wheel & Tyre Rear	Alloy Rim w/ Rim Lock   Stainless Spoke  80/100-12

### DIMENSIONS AND WEIGHT

Wheelbase	1260mm   50"
Seat Height	750mm   29.5" (+10mm -10mm)
Weight (N.W/G.W)	80/90 kg   176/198 lbs
Tank Capacity	3.4 Litres   .9 Gallon
Product Packing Size	1420x430x640mm   .40m3

#### **Specifications**

# TSX 125-C

#### ENGINE AND TRANSMISSION

Engine	YX   4 Stroke
CC Rating	125cc
Gearbox	Manual   4 speed (N1234)
Starter	Kick
Carburetion	Mikuni VM22 26mm
Exhaust	Pipe Bomb DW1 38mm Exhaust System
Final Drive	PSC 6 Bolt Sprocket   428 HD Chain
Top Speed	90kph/55mph (depending on gearing)

#### SUSPENSION, BRAKES AND WHEELS

Suspension Front	VS1 Inverted Fork   Length 770m   45/48mm Fork	
Suspension Rear	VS1 Linkage U Shock   Length Adj 350mm (+10mm)	
Brakes Front	220mm Disc   HSK Dual Piston	
Brakes Rear	190mm Disc   HSK Single Piston	
Wheel & Tyre Front	7075 Alloy Rim   70/100-14	
Wheel & Tyre Rear	7075 Alloy Rim w/ Rim Lock   80/100-12	

#### DIMENSIONS AND WEIGHT

Wheelbase	1260mm   50"
Seat Height	830mm   33"
Weight (N.W/G.W)	80/90 kg   176/198 lbs
Tank Capacity	3.4 Litres   .9 Gallon
Product Packing Size	1420x430x640mm   .40m3

#### **Specifications**

# TSX 140-C

#### ENGINE AND TRANSMISSION

Engine	YX   4 Stroke
CC Rating	140cc
Gearbox	Manual   4 speed (N1234)
Starter	Kick
Carburetion	Molkt VM22 26mm
Exhaust	Pipe Bomb DW1 38mm Exhaust System
Final Drive	PSC 6 Bolt Sprocket   428 HD Chain
Top Speed	90kph/55mph (depending on gearing)

#### SUSPENSION, BRAKES AND WHEELS

Suspension Front	VS1 Inverted Fork   Length 770m   45/48mm Fork
Suspension Rear	VS1 Linkage U Shock   Length Adj 350mm (+10mm)
Brakes Front	220mm Disc   HSK Dual Piston
Brakes Rear	190mm Disc   HSK Single Piston
Wheel & Tyre Front	7075 Alloy Rim   Stainless Spoke   70/100-17
Wheel & Tyre Rear	7075 Alloy Rim w/ Rim Lock   Stainless Spoke   70/100-14

#### DIMENSIONS AND WEIGHT

Wheelbase	1260mm   50"
Seat Height	880mm   35"
Weight (N.W/G.W)	80/90 kg   176/198 lbs
Tank Capacity	3.4 Litres   .9 Gallon
Product Packing Size	1420x430x640mm   .40m3

#### Specifications

# TSR 190-C

#### ENGINE AND TRANSMISSION

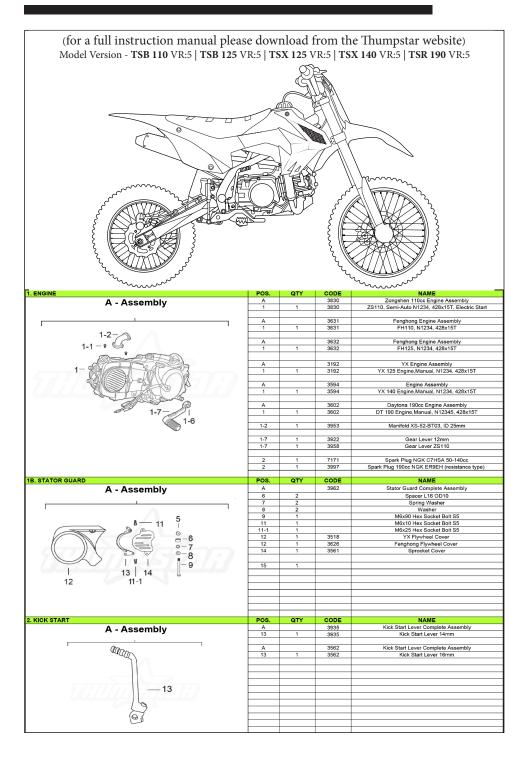
Engine	Daytona 190
CC Rating	190cc
Gearbox	Manual   5 speed (1N2345)
Starter	Kick
Carburetion	Keihin PE28
Exhaust	Pipe Bomb DW1 38mm Exhaust System
Final Drive	PSC 6 Bolt Sprocket   428 HD Chain
Top Speed	90kph/55mph (depending on gearing)

#### SUSPENSION, BRAKES AND WHEELS

Suspension Front	VS1 Inverted Fork   Length Adj 770m   45/48mm Fork
Suspension Rear	DNM Hornet w/ Linkage   Length 350mm
Brakes Front	220mm Disc   Dual Piston
Brakes Rear	190mm Disc   Single Piston
Wheel & Tyre Front	7075 Alloy Rim   70/100-17
Wheel & Tyre Rear	AK-7 Alloy Rim w/ Rim Lock   70/100-14

#### DIMENSIONS AND WEIGHT

Wheelbase	1260mm   50"
Seat Height	880mm   35"
Weight (N.W/G.W)	80/90 kg   176/198 lbs
Tank Capacity	3.4 Litres   .9 Gallon
Product Packing Size	1420x430x640mm   .40m3



3. MUFFLER	POS.	QTY	CODE	NAME
A - Assembly	A		3354	Pipe Bomb Muffler Complete Assembly
•	3	1	3925	Exhaust Header Pipe, OD 28/32mm,
	6	1	3354	Muffler DW200
· · · · ·	3	1	3988	Exhaust Header Pipe, OD 28/45/35mm, Stainless
	5	1	3300	Exhaust neader Fipe, OD 20/45/55mm, Stamess
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651034012				
0 5 10 5 4 <u>⊚</u> -4-2-⊚				
o-4-3-o				
┋—4-1—┋				
CARBURETOR	POS.	QTY	CODE	NAME
A - Assembly	A		3911	Carburetor Complete Assembly
	2	1	3911	Molkt VM-22 Carburetor
		<u> </u>	2100	Million () Ad CO. On the sector
Λ. I	2	1	3109	Mikuni VM-22 Carburetor
	2	1	3605	Keihin PE-28 Carburetor
		<u> </u>	0000	Remit E-20 Galburetor
1-4 1-5 1-6 2 3-1				
	POS.	QTY	CODE	NAME
5. AIR BOX	POS. A	QTY	<b>CODE</b> 3980	NAME Airbox Complete Assembly 200 x 38mm
1-4 1-5 1-6 2 3-1 5. AIR BOX A - Assembly		QTY		
5. AIR BOX		QTY		
5. AIR BOX	A	QTY	3980	Airbox Complete Assembly 200 x 38mm
5. AIR BOX	A	<b>QTY</b>	3980	Airbox Complete Assembly 200 x 38mm
A - Assembly	A		3980 3972	Airbox Complete Assembly 200 x 38mm Airbox Complete Assembly 150 x 45mm
A - Assembly	A		3980 3972	Airbox Complete Assembly 200 x 38mm Airbox Complete Assembly 150 x 45mm Foam Air Filter
A - Assembly	A A 3-2	1	3980 3972 3939	Airbox Complete Assembly 200 x 38mm Airbox Complete Assembly 150 x 45mm
A - Assembly	A A 3-2	1	3980 3972 3939	Airbox Complete Assembly 200 x 38mm Airbox Complete Assembly 150 x 45mm Foam Air Filter
A - Assembly	A A 3-2	1	3980 3972 3939	Airbox Complete Assembly 200 x 38mm Airbox Complete Assembly 150 x 45mm Foam Air Filter
A - Assembly	A A 3-2	1	3980 3972 3939	Airbox Complete Assembly 200 x 38mm Airbox Complete Assembly 150 x 45mm Foam Air Filter
A - Assembly	A A 3-2	1	3980 3972 3939	Airbox Complete Assembly 200 x 38mm Airbox Complete Assembly 150 x 45mm Foam Air Filter
A - Assembly	A A 3-2	1	3980 3972 3939	Airbox Complete Assembly 200 x 38mm Airbox Complete Assembly 150 x 45mm Foam Air Filter
A - Assembly	A A 3-2	1	3980 3972 3939	Airbox Complete Assembly 200 x 38mm Airbox Complete Assembly 150 x 45mm Foam Air Filter
A - Assembly	A A 3-2	1	3980 3972 3939	Airbox Complete Assembly 200 x 38mm Airbox Complete Assembly 150 x 45mm Foam Air Filter
A - Assembly	A A 3-2	1	3980 3972 3939	Airbox Complete Assembly 200 x 38mm Airbox Complete Assembly 150 x 45mm Foam Air Filter
A - Assembly	A A 3-2 3-1	1	3980 3972 3939 3851	Airbox Complete Assembly 200 x 38mm Airbox Complete Assembly 150 x 45mm Foam Air Filter Cage
A - Assembly	A A 3-2 3-1 POS.	1 1 QTY	3980 3972 3939 3851 	Airbox Complete Assembly 200 x 38mm Airbox Complete Assembly 150 x 45mm Foam Air Filter Cage NAME
A - Assembly	A A 3-2 3-1 POS.	1 1 QTY	3980 3972 3939 3851 	Airbox Complete Assembly 200 x 38mm Airbox Complete Assembly 150 x 45mm Foam Air Filter Cage NAME
A - Assembly	A A 3-2 3-1 POS.	1 1 QTY	3980 3972 3939 3851 	Airbox Complete Assembly 200 x 38mm Airbox Complete Assembly 150 x 45mm Foam Air Filter Cage NAME
A - Assembly	A A 3-2 3-1 POS.	1 1 QTY	3980 3972 3939 3851 	Airbox Complete Assembly 200 x 38mm Airbox Complete Assembly 150 x 45mm Foam Air Filter Cage NAME
A - Assembly	A A 3-2 3-1 POS.	1 1 QTY	3980 3972 3939 3851 	Airbox Complete Assembly 200 x 38mm Airbox Complete Assembly 150 x 45mm Foam Air Filter Cage NAME
A - Assembly	A A 3-2 3-1 POS.	1 1 QTY	3980 3972 3939 3851 	Airbox Complete Assembly 200 x 38mm Airbox Complete Assembly 150 x 45mm Foam Air Filter Cage NAME
A - Assembly	A A 3-2 3-1 POS.	1 1 QTY	3980 3972 3939 3851 	Airbox Complete Assembly 200 x 38mm Airbox Complete Assembly 150 x 45mm Foam Air Filter Cage NAME
A - Assembly	A A 3-2 3-1 POS.	1 1 QTY	3980 3972 3939 3851 	Airbox Complete Assembly 200 x 38mm Airbox Complete Assembly 150 x 45mm Foam Air Filter Cage NAME
A - Assembly	A A 3-2 3-1 POS.	1 1 QTY	3980 3972 3939 3851 	Airbox Complete Assembly 200 x 38mm Airbox Complete Assembly 150 x 45mm Foam Air Filter Cage NAME
A - Assembly	A A 3-2 3-1 POS.	1 1 QTY	3980 3972 3939 3851 	Airbox Complete Assembly 200 x 38mm Airbox Complete Assembly 150 x 45mm Foam Air Filter Cage NAME
A - Assembly	A A 3-2 3-1 POS.	1 1 QTY	3980 3972 3939 3851 	Airbox Complete Assembly 200 x 38mm Airbox Complete Assembly 150 x 45mm Foam Air Filter Cage NAME
A - Assembly	A A 3-2 3-1 POS.	1 1 QTY	3980 3972 3939 3851 	Airbox Complete Assembly 200 x 38mm Airbox Complete Assembly 150 x 45mm Foam Air Filter Cage NAME

6B. MIDDLE SUBFRAME	POS.	QTY	CODE	NAME
A - Assembly	A		3913	Subframe Complete Assembly
A - Assembly	18	1	3913-B	Subframe w/ Battery Box
10				
10 18				
19				
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STB-				
S. w				
6C. REAR SUBFRAME	POS.	QTY	CODE	NAME
A - Assembly	A		3568	Rear Subframe Complete Assembly
A - Assonibly	16	1	3568	Rear Subframe
16				
LA SY				
TPA 6				
6				
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m <sup>6</sup> m <sup>2</sup> 2				
6E. FRAME ASSEMBLY PARTS	POS.	QTY	CODE	NAME
A - Assembly	A		3919	Frame Parts Complete Assembly
A - Assembly	1	1		Coil Mounting Bracket
1	9	2		M6x16 Button Hex Socket Bolt
5	10	2		M6 Nylock Flange Nut
×	2	1		Fuel Tank Mounting Bracket
668				Right Side Plastic Mounting Rubber
	2-2	1	1	
	3	1		Shroud Mounting Bracket Left
	3	1 1		Shroud Mounting Bracket Left Shroud Mounting Bracket Right
	3	1		Shroud Mounting Bracket Left Shroud Mounting Bracket Right Rear Frame End Plastic Cover ID16
	3 4 7 16	1 1 2		Shroud Mounting Bracket Left Shroud Mounting Bracket Right Rear Frame End Plastic Cover ID16 M8x40 Hex. Socket Bolt (Under Engine Mount Bolts)
	3 4 7 16 5	1 1 2 4 4		Shroud Mounting Bracket Left Shroud Mounting Bracket Right Rear Frame End Plastic Cover ID16 M8x40 Hex. Socket Böt (Under Engine Mount Bolts) H13.5 OD20 ID8.2 Engine Bottom Spacer
	3 4 7 16 5 6	1 1 2 4 4 2		Shroud Mounting Bracket Left Shroud Mounting Bracket Right Rear Frame End Plastic Cover ID16 M8x40 Hex. Socket Bolt (Under Engine Mount Bolts) H13.5 OD20 ID.9.2 Engine Bottom Spacer H16 OD20 ID9.2 Engine Side Spacer
	3 4 7 16 5 6 12	1 1 2 4 4 2 1		Shroud Mounting Bracket Left Shroud Mounting Bracket Right Rear Frame End Plastic Cover ID16 M8x40 Hex. Socket Bolt (Under Engine Mount Bolts) H13.5 OD20 ID8.2 Engine Bottom Spacer H16 OD20 ID9.2 Engine Side Spacer M8x105 12.9 Grade Engine Mount Bottom Hex. Socket B
	3 4 7 16 5 6	1 1 2 4 4 2		Shroud Mounting Bracket Left Shroud Mounting Bracket Right Rear Frame End Plastic Cover ID16 M8x40 Hex. Socket Bolt (Under Engine Mount Bolts) H13.5 OD20 ID8.2 Engine Bottom Spacer H16 OD20 ID9.2 Engine Side Spacer M8x105 12.9 Grade Engine Mount Bottom Hex. Socket B
	3 4 7 16 5 6 12	1 1 2 4 4 2 1		Shroud Mounting Bracket Left Shroud Mounting Bracket Right Rear Frame End Plastic Cover ID16 M8x40 Hex. Socket Bolt (Under Engine Mount Bolts) H13.5 OD20 ID8.2 Engine Bottom Spacer H16 OD20 ID9.2 Engine Side Spacer M8x105 12.9 Grade Engine Mount Bottom Hex. Socket B
	3 4 7 16 5 6 12	1 1 2 4 4 2 1		Shroud Mounting Bracket Left Shroud Mounting Bracket Right Rear Frame End Plastic Cover ID16 M8x40 Hex. Socket Bolt (Under Engine Mount Bolts) H13.5 OD20 ID8.2 Engine Bottom Spacer H16 OD20 ID9.2 Engine Side Spacer M8x105 12.9 Grade Engine Mount Bottom Hex. Socket B
	3 4 7 16 5 6 12	1 1 2 4 4 2 1		Shroud Mounting Bracket Left Shroud Mounting Bracket Right Rear Frame End Plastic Cover ID16 M8x40 Hex. Socket Bolt (Under Engine Mount Bolts) H13.5 OD20 ID8.2 Engine Bottom Spacer H16 OD20 ID9.2 Engine Side Spacer M8x105 12.9 Grade Engine Mount Bottom Hex. Socket B
	3 4 7 16 5 6 12	1 1 2 4 4 2 1		Shroud Mounting Bracket Left Shroud Mounting Bracket Right Rear Frame End Plastic Cover ID16 M8x40 Hex. Socket Bolt (Under Engine Mount Bolts) H13.5 OD20 ID8.2 Engine Bottom Spacer H16 OD20 ID9.2 Engine Side Spacer M8x105 12.9 Grade Engine Mount Bottom Hex. Socket B
	3 4 7 16 5 6 12	1 1 2 4 4 2 1		Shroud Mounting Bracket Left Shroud Mounting Bracket Right Rear Frame End Plastic Cover ID16 M8x40 Hex. Socket Bolt (Under Engine Mount Bolts) H13.5 OD20 ID8.2 Engine Bottom Spacer H16 OD20 ID9.2 Engine Side Spacer M8x105 12.9 Grade Engine Mount Bottom Hex. Socket B
	3 4 7 16 5 6 12	1 1 2 4 4 2 1		Shroud Mounting Bracket Left Shroud Mounting Bracket Right Rear Frame End Plastic Cover ID16 M8x40 Hex. Socket Bolt (Under Engine Mount Bolts) H13.5 OD20 ID8.2 Engine Bottom Spacer H16 OD20 ID9.2 Engine Side Spacer M8x105 12.9 Grade Engine Mount Bottom Hex. Socket Bi
	3 4 7 16 5 6 12	1 1 2 4 4 2 1		Shroud Mounting Bracket Left Shroud Mounting Bracket Right Rear Frame End Plastic Cover ID16 M8x40 Hex. Socket Bolt (Under Engine Mount Bolts) H13.5 OD20 ID8.2 Engine Bottom Spacer H16 OD20 ID9.2 Engine Side Spacer M8x105 12.9 Grade Engine Mount Bottom Hex. Socket Bi
	3 4 7 16 5 6 12 14	1 1 2 4 4 2 1 1 1	CODE	Shroud Mounting Bracket Left Shroud Mounting Bracket Right Rear Frame End Plastic Cover ID16 M8x40 Hex. Socket Bolt (Under Engine Mount Bolts) H13.5 OD20 ID.8.2 Engine Bottom Spacer H16 OD20 ID9.2 Engine Side Spacer M8x105 12.9 Grade Engine Mount Bottom Hex. Socket Bol
F. FOOTPEG MOUNT ASSEMBLY	3 4 7 5 5 6 12 14	1 1 2 4 4 2 1	CODE 3320	Shroud Mounting Bracket Left Shroud Mounting Bracket Right Rear Frame End Plastic Cover ID16 M8x40 Hex. Socket Bolt (Under Engine Mount Bolts) H13.5 OD20 ID3.2 Engine Bottom Spacer M16 OD20 ID9.2 Engine Side Spacer M8x105 12.9 Grade Engine Mount Bottom Hex. Socket Bol M8x150 12.9 Grade Engine Mount Top Hex. Socket Bol
	3 4 7 16 5 6 12 14	1 1 2 4 4 2 1 1 1	CODE 3920	Shroud Mounting Bracket Left Shroud Mounting Bracket Right Rear Frame End Plastic Cover ID16 M8x40 Hex. Socket Bolt (Under Engine Mount Bolts) H13.5 OD20 ID8.2 Engine Bottom Spacer H16 OD20 ID9.2 Engine Side Spacer M8x105 12.9 Grade Engine Mount Bottom Hex. Socket Bol M8x150 12.9 Grade Engine Mount Top Hex. Socket Bol
F. FOOTPEG MOUNT ASSEMBLY	3 4 7 16 5 6 12 14 14 <b>POS.</b> A	1 1 2 4 4 2 1 1 1	3920	Shroud Mounting Bracket Left Shroud Mounting Bracket Right Rear Frame End Plastic Cover ID16 M8x40 Hax. Socket Bolt (Under Engine Mount Bolts) H13.5 OD20 ID8.2 Engine Bottom Spacer H16 OD20 ID9.2 Engine Side Spacer M8x105 12.9 Grade Engine Mount Bottom Hex. Socket Bol M8x150 12.9 Grade Engine Mount Top Hex. Socket Bol NAME Foot Peg Mount Complete Assembly - Steel
F. FOOTPEG MOUNT ASSEMBLY A - Assembly	3 4 7 5 5 6 12 14	1 1 2 4 4 2 1 1 1		Shroud Mounting Bracket Left Shroud Mounting Bracket Right Rear Frame End Plastic Cover ID16 M8x40 Hex. Socket Bolt (Under Engine Mount Bolts) H13 5 OD20 ID8.2 Engine Bottom Spacer M8x105 12.9 Grade Engine Mount Bottom Hex. Socket Bol M8x150 12.9 Grade Engine Mount Top Hex. Socket Bol
F. FOOTPEG MOUNT ASSEMBLY	3 4 7 16 5 6 12 14 14 <b>POS.</b> A	1 1 2 4 4 2 1 1 1	3920	Shroud Mounting Bracket Left Shroud Mounting Bracket Right Rear Frame End Plastic Cover ID16 M8x40 Hax. Socket Bolt (Under Engine Mount Bolts) H13.5 OD20 ID8.2 Engine Bottom Spacer H16 OD20 ID9.2 Engine Side Spacer M8x105 12.9 Grade Engine Mount Bottom Hex. Socket Bol M8x150 12.9 Grade Engine Mount Top Hex. Socket Bol NAME Foot Peg Mount Complete Assembly - Steel
F. FOOTPEG MOUNT ASSEMBLY A - Assembly	3 4 7 16 5 6 12 14 14 <b>POS.</b> A	1 1 2 4 4 2 1 1 1	3920	Shroud Mounting Bracket Left Shroud Mounting Bracket Right Rear Frame End Plastic Cover ID16 M8x40 Hex: Socket Bolt (Under Engine Mount Bolts) H13.5 OD20 ID.8.2 Engine Bottom Spacer H16 OD20 ID.9.2 Engine Side Spacer M8x105 12.9 Grade Engine Mount Bottom Hex. Socket Bo M8x150 12.9 Grade Engine Mount Top Hex. Socket Bo Nax150 12.9 Grade Engine Mount Top Hex. Socket Bo Nax150 12.9 Grade Engine Mount Top Hex. Socket Bo Nax150 12.9 Grade Engine Mount Top Hex. Socket Bo Share Share Shar
F. FOOTPEG MOUNT ASSEMBLY A - Assembly	3 4 7 16 5 6 12 14 14 <b>POS.</b> A	1 1 2 4 4 2 1 1 1	3920	Shroud Mounting Bracket Left Shroud Mounting Bracket Right Rear Frame End Plastic Cover ID16 M8x40 Hex: Socket Bolt (Under Engine Mount Bolts) H13.5 OD20 ID.8.2 Engine Bottom Spacer H16 OD20 ID.9.2 Engine Side Spacer M8x105 12.9 Grade Engine Mount Bottom Hex. Socket Bo M8x150 12.9 Grade Engine Mount Top Hex. Socket Bo Nax150 12.9 Grade Engine Mount Top Hex. Socket Bo Nax150 12.9 Grade Engine Mount Top Hex. Socket Bo Nax150 12.9 Grade Engine Mount Top Hex. Socket Bo Share Share Shar
F. FOOTPEG MOUNT ASSEMBLY A - Assembly	3 4 7 16 5 6 12 14 14 <b>POS.</b> A	1 1 2 4 4 2 1 1 1	3920	Shroud Mounting Bracket Left Shroud Mounting Bracket Right Rear Frame End Plastic Cover ID16 M8x40 Hex: Socket Bolt (Under Engine Mount Bolts) H13.5 OD20 ID.8.2 Engine Bottom Spacer H16 OD20 ID.9.2 Engine Side Spacer M8x105 12.9 Grade Engine Mount Bottom Hex. Socket Bo M8x150 12.9 Grade Engine Mount Top Hex. Socket Bo Nax150 12.9 Grade Engine Mount Top Hex. Socket Bo Nax150 12.9 Grade Engine Mount Top Hex. Socket Bo Nax150 12.9 Grade Engine Mount Top Hex. Socket Bo Share Share Shar
F. FOOTPEG MOUNT ASSEMBLY A - Assembly	3 4 7 16 5 6 12 14 14 <b>POS.</b> A	1 1 2 4 4 2 1 1 1	3920	Shroud Mounting Bracket Left Shroud Mounting Bracket Right Rear Frame End Plastic Cover ID16 M8x40 Hax. Socket Bolt (Under Engine Mount Bolts) H13.5 OD20 ID8.2 Engine Bottom Spacer H16 OD20 ID9.2 Engine Side Spacer M8x105 12.9 Grade Engine Mount Bottom Hex. Socket Bol M8x150 12.9 Grade Engine Mount Top Hex. Socket Bol NAME Foot Peg Mount Complete Assembly - Steel
F. FOOTPEG MOUNT ASSEMBLY A - Assembly	3 4 7 16 5 6 12 14 14 <b>POS.</b> A	1 1 2 4 4 2 1 1 1	3920	Shroud Mounting Bracket Left Shroud Mounting Bracket Right Rear Frame End Plastic Cover ID16 M8x40 Hax. Socket Bolt (Under Engine Mount Bolts) H13.5 OD20 ID8.2 Engine Bottom Spacer H16 OD20 ID9.2 Engine Side Spacer M8x105 12.9 Grade Engine Mount Bottom Hex. Socket Bol M8x150 12.9 Grade Engine Mount Top Hex. Socket Bol NAME Foot Peg Mount Complete Assembly - Steel
F. FOOTPEG MOUNT ASSEMBLY A - Assembly	3 4 7 16 5 6 12 14 14 <b>POS.</b> A	1 1 2 4 4 2 1 1 1	3920	Shroud Mounting Bracket Left Shroud Mounting Bracket Right Rear Frame End Plastic Cover ID16 M8x40 Hex. Socket Bolt (Under Engine Mount Bolts) H13.5 OD20 ID.8.2 Engine Bottom Spacer H16 OD20 ID.9.2 Engine Side Spacer M8x105 12.9 Grade Engine Mount Top Hex. Socket Bol M8x150 12.9 Grade Engine Mount Top Hex. Socket Bol NBx150 Foot Peg Mount Complete Assembly - Steel
SF. FOOTPEG MOUNT ASSEMBLY A - Assembly	3 4 7 16 5 6 12 14 14 <b>POS.</b> A	1 1 2 4 4 2 1 1 1	3920	Shroud Mounting Bracket Left Shroud Mounting Bracket Right Rear Frame End Plastic Cover ID16 M8x40 Hex. Socket Bolt (Under Engine Mount Bolts) H13.5 OD20 ID.8.2 Engine Bottom Spacer H16 OD20 ID9.2 Engine Side Spacer M8x105 12.9 Grade Engine Mount Top Hex. Socket Bol M8x150 12.9 Grade Engine Mount Top Hex. Socket Bol NBx150 Foot Peg Mount Complete Assembly - Steel
FF. FOOTPEG MOUNT ASSEMBLY A - Assembly	3 4 7 16 5 6 12 14 14 <b>POS.</b> A	1 1 2 4 4 2 1 1 1	3920	Shroud Mounting Bracket Left Shroud Mounting Bracket Right Rear Frame End Plastic Cover ID16 M8x40 Hex. Socket Bolt (Under Engine Mount Bolts) H13.5 OD20 ID8.2 Engine Bottom Spacer H16 OD20 ID9.2 Engine Side Spacer M6x105 12.9 Grade Engine Mount Bottom Hex. Socket Bol M8x150 12.9 Grade Engine Mount Top Hex. Soc
SF. FOOTPEG MOUNT ASSEMBLY A - Assembly	3 4 7 16 5 6 12 14 14 <b>POS.</b> A	1 1 2 4 4 2 1 1 1	3920	Shroud Mounting Bracket Left Shroud Mounting Bracket Right Rear Frame End Plastic Cover ID16 M8x40 Hex. Socket Bolt (Inder Engine Mount Bolts) H13.5 OD20 ID8.2 Engine Bottom Spacer H16 OD20 ID9.2 Engine Side Spacer M8x105 12.9 Grade Engine Mount Top Hex. Socket Bolt M8x150 12.9 Grade Engine Mount Top Hex. Socket Bolt M8x150 12.9 Grade Engine Mount Top Hex. Socket Bolt Name Foot Peg Mount Complete Assembly - Steel

. FOOTPEG	POS.	QTY	3933	NAME Footpeg Complete Assembly
A - Assembly			3333	Footpeg Complete Assembly
7 10				
7 10				
A starter and				
6 12				
11				
9				
F. BASH PLATE	POS.	QTY	CODE	NAME
A - Assembly	A		3921	Bash Plate Complete Assembly
	11	1	3921	Bash Plate
5 10				
5 10				
0002				
12500 -11				
B. BRAKE PEDAL	-			
	A POS.	QTY	<b>CODE</b> 3924	NAME Brake Pedal Complete Assembly
A - Assembly	12	1	3924	Rear Brake Pedal
	12		3324	Real Diake Fedal
2 10	A		3999	Brake Pedal Complete Assembly - Race
2 10	12	1		Rear Brake Pedal - Race
2 12				
3				
88				
	POS.	QTY	CODE	NAME
	A		3954	Side Stand Complete Assembly
A - Assembly		QTY 1		
A - Assembly	A 13		3954 3954	Side Stand Complete Assembly Side Stand L260mm
A - Assembly	A 13 A	1	3954 3954 3956	Side Stand Complete Assembly Side Stand L260mm Side Stand Complete Assembly
A - Assembly	A 13		3954 3954	Side Stand Complete Assembly Side Stand L260mm
A - Assembly	A 13 A 13	1	3954 3954 3956 3956	Side Stand Complete Assembly Side Stand L260mm Side Stand Complete Assembly Side Stand L320mm
A - Assembly	A 13 A 13 A	1	3954 3954 3956 3956 3956 3960	Side Stand Complete Assembly Side Stand L260mm Side Stand Complete Assembly Side Stand L320mm Side Stand Complete Assembly
A - Assembly	A 13 A 13	1 1 1 1	3954 3954 3956 3956	Side Stand Complete Assembly Side Stand L260mm Side Stand Complete Assembly Side Stand L320mm
A - Assembly	A 13 A 13 A	1 1 1 1	3954 3954 3956 3956 3956 3960	Side Stand Complete Assembly Side Stand L260mm Side Stand Complete Assembly Side Stand L320mm Side Stand Complete Assembly
A - Assembly	A 13 A 13 A	1 1 1 1	3954 3954 3956 3956 3956 3960	Side Stand Complete Assembly Side Stand L260mm Side Stand Complete Assembly Side Stand L320mm Side Stand Complete Assembly
A - Assembly	A 13 A 13 A	1 1 1 1	3954 3954 3956 3956 3956 3960	Side Stand Complete Assembly Side Stand L260mm Side Stand Complete Assembly Side Stand L320mm Side Stand Complete Assembly
A - Assembly	A 13 A 13 A	1 1 1 1	3954 3954 3956 3956 3956 3960	Side Stand Complete Assembly Side Stand L260mm Side Stand Complete Assembly Side Stand L320mm Side Stand Complete Assembly
A - Assembly	A 13 A 13 13 13	1 1 1 1	3954 3954 3956 3956 3956 3960 3960	Side Stand Complete Assembly Side Stand L260mm Side Stand Complete Assembly Side Stand L320mm Side Stand Complete Assembly Side Stand L360mm
A - Assembly	A 13 A 13 13 13 13 POS.	1 1 1 1	3954 3954 3956 3956 3960 3960 3960	Side Stand Complete Assembly Side Stand L260mm Side Stand Complete Assembly Side Stand L320mm Side Stand Complete Assembly Side Stand L360mm NAME
A - Assembly	A 13 A 13 A 13 H POS. A	1 1 1 1 1	3954 3954 3956 3956 3960 3960 3960 <b>CODE</b> 3566	Side Stand Complete Assembly Side Stand L260mm Side Stand Complete Assembly Side Stand L320mm Side Stand Complete Assembly Side Stand L360mm NAME Chain Roller Complete Assembly
A - Assembly	A 13 A 13 13 13 13 POS.	1 1 1 1	3954 3954 3956 3956 3960 3960 3960	Side Stand Complete Assembly Side Stand L260mm Side Stand Complete Assembly Side Stand L320mm Side Stand Complete Assembly Side Stand L360mm NAME
A - Assembly 14 - 07 - 15 14 - 13 CHAIN ROLLER ASSEMBLY A - Assembly	A 13 A 13 A 13 H POS. A	1 1 1 1 1	3954 3954 3956 3956 3960 3960 3960 <b>CODE</b> 3566	Side Stand Complete Assembly Side Stand L260mm Side Stand Complete Assembly Side Stand L320mm Side Stand Complete Assembly Side Stand L360mm NAME Chain Roller Complete Assembly
A - Assembly	A 13 A 13 A 13 H POS. A	1 1 1 1 1	3954 3954 3956 3956 3960 3960 3960 <b>CODE</b> 3566	Side Stand Complete Assembly Side Stand L260mm Side Stand Complete Assembly Side Stand L320mm Side Stand Complete Assembly Side Stand L360mm NAME Chain Roller Complete Assembly
A - Assembly 14 - 05 - 15 14 - 15 14 - 13 CHAIN ROLLER ASSEMBLY A - Assembly	A 13 A 13 A 13 H POS. A	1 1 1 1 1	3954 3954 3956 3956 3960 3960 3960 <b>CODE</b> 3566	Side Stand Complete Assembly Side Stand L260mm Side Stand Complete Assembly Side Stand L320mm Side Stand Complete Assembly Side Stand L360mm NAME Chain Roller Complete Assembly
A - Assembly 14 - 05 - 15 14 - 15 14 - 13 CHAIN ROLLER ASSEMBLY A - Assembly	A 13 A 13 A 13 H POS. A	1 1 1 1 1	3954 3954 3956 3956 3960 3960 3960 <b>CODE</b> 3566	Side Stand Complete Assembly Side Stand L260mm Side Stand Complete Assembly Side Stand L320mm Side Stand Complete Assembly Side Stand L360mm NAME Chain Roller Complete Assembly
A - Assembly 14 - 05 - 15 14 - 15 14 - 13 CHAIN ROLLER ASSEMBLY A - Assembly	A 13 A 13 A 13 H POS. A	1 1 1 1 1	3954 3954 3956 3956 3960 3960 3960 <b>CODE</b> 3566	Side Stand Complete Assembly Side Stand L260mm Side Stand Complete Assembly Side Stand L320mm Side Stand Complete Assembly Side Stand L360mm NAME Chain Roller Complete Assembly
A - Assembly 14 - 05 - 15 14 - 15 14 - 13 CHAIN ROLLER ASSEMBLY A - Assembly	A 13 A 13 A 13 H POS. A	1 1 1 1 1	3954 3954 3956 3956 3960 3960 3960 <b>CODE</b> 3566	Side Stand Complete Assembly Side Stand L260mm Side Stand Complete Assembly Side Stand L320mm Side Stand Complete Assembly Side Stand L360mm NAME Chain Roller Complete Assembly
A - Assembly 14 - of -15 14 - of -13 CHAIN ROLLER ASSEMBLY A - Assembly	A 13 A 13 A 13 H POS. A	1 1 1 1 1	3954 3954 3956 3956 3960 3960 3960 <b>CODE</b> 3566	Side Stand Complete Assembly Side Stand L260mm Side Stand Complete Assembly Side Stand L320mm Side Stand Complete Assembly Side Stand L360mm NAME Chain Roller Complete Assembly
A - Assembly 14 - 05 - 15 14 - 15 14 - 13 CHAIN ROLLER ASSEMBLY A - Assembly	A 13 A 13 A 13 H POS. A	1 1 1 1 1	3954 3954 3956 3956 3960 3960 3960 <b>CODE</b> 3566	Side Stand Complete Assembly Side Stand L260mm Side Stand Complete Assembly Side Stand L320mm Side Stand Complete Assembly Side Stand L360mm NAME Chain Roller Complete Assembly
CHAIN ROLLER ASSEMBLY A - Assembly	A 13 A 13 A 13 H POS. A	1 1 1 1 1	3954 3954 3956 3956 3960 3960 3960 <b>CODE</b> 3566	Side Stand Complete Assembly Side Stand L260mm Side Stand Complete Assembly Side Stand L320mm Side Stand Complete Assembly Side Stand L360mm NAME Chain Roller Complete Assembly

9. SWINGARM	POS.	QTY	CODE	NAME
A - Assembly	A 2	1	3841 3841	Swing-arm Assembly
	- 2		3041	Swing-arm
2	A		3990	Swing-arm Assembly
Z	2	1	3990	Swing-arm - CNC Race
	3	1	3570	Chain Slider
To A				
C (FF				
N @				
IEL				
10A. SWINGARM ASSEMBLY	POS.	QTY	CODE	NAME
A - Assembly	A		3923	Swingarm Assembly Parts
·····,	1	2		T Bush Φ12xΦ20xΦ26xL32.5mm
	2	4		Seal 32x20x5
3	3	1		Spacer Φ12xΦ14xL114mm
$\frac{2}{2}$ / $\frac{1}{2}$	4	1		M12x220 Swingarm Axel Hex Socket 12.9 Grade M12 Thread 1.5 Hex Nut
	5	2	HK2020	Bear HK2020 20x26x20
		-		
G000 0000				
4				
10B. LINKAGE	POS.	QTY	CODE	NAME
10B. LINKAGE A - Assembly	POS. A	QTY	CODE 3912	NAME Linkage Complete Assembly - Standard
10B. LINKAGE A - Assembly	A 1	1	3912 3912-A	Linkage Complete Assembly - Standard Triangle Inner Linkage
	A		3912	Linkage Complete Assembly - Standard
	A 1 10	1	3912 3912-A 3912-B	Linkage Complete Assembly - Standard Triangle Inner Linkage U Outer Linkage
A - Assembly	A 1 10 A	1	3912 3912-A 3912-B 3952	Linkage Complete Assembly - Standard Triangle Inner Linkage U Outer Linkage Linkage Complete Assembly - CNC
A - Assembly	A 1 10 A 1	1 1 1	3912 3912-A 3912-B 3952 3846	Linkage Complete Assembly - Standard Triangle Inner Linkage U Outer Linkage Linkage Complete Assembly - CNC Triangle Inner Linkage - CNC
A - Assembly	A 1 10 A	1	3912 3912-A 3912-B 3952	Linkage Complete Assembly - Standard Triangle Inner Linkage U Outer Linkage Linkage Complete Assembly - CNC
A - Assembly	A 1 10 A 1	1 1 1	3912 3912-A 3912-B 3952 3846	Linkage Complete Assembly - Standard Triangle Inner Linkage U Outer Linkage Linkage Complete Assembly - CNC Triangle Inner Linkage - CNC
A - Assembly	A 1 10 A 1	1 1 1	3912 3912-A 3912-B 3952 3846	Linkage Complete Assembly - Standard Triangle Inner Linkage U Outer Linkage Linkage Complete Assembly - CNC Triangle Inner Linkage - CNC
A - Assembly	A 1 10 A 1	1 1 1	3912 3912-A 3912-B 3952 3846	Linkage Complete Assembly - Standard Triangle Inner Linkage U Outer Linkage Linkage Complete Assembly - CNC Triangle Inner Linkage - CNC
A - Assembly	A 1 10 A 1	1 1 1	3912 3912-A 3912-B 3952 3846	Linkage Complete Assembly - Standard Triangle Inner Linkage U Outer Linkage Linkage Complete Assembly - CNC Triangle Inner Linkage - CNC
A - Assembly	A 1 10 A 1	1 1 1	3912 3912-A 3912-B 3952 3846	Linkage Complete Assembly - Standard Triangle Inner Linkage U Outer Linkage Linkage Complete Assembly - CNC Triangle Inner Linkage - CNC
A - Assembly	A 1 10 A 1	1 1 1	3912 3912-A 3912-B 3952 3846	Linkage Complete Assembly - Standard Triangle Inner Linkage U Outer Linkage Linkage Complete Assembly - CNC Triangle Inner Linkage - CNC
A - Assembly	A 1 10 A 1	1 1 1	3912 3912-A 3912-B 3952 3846	Linkage Complete Assembly - Standard Triangle Inner Linkage U Outer Linkage Linkage Complete Assembly - CNC Triangle Inner Linkage - CNC
A - Assembly	A 1 10 A 1	1 1 1	3912 3912-A 3912-B 3952 3846	Linkage Complete Assembly - Standard Triangle Inner Linkage U Outer Linkage Linkage Complete Assembly - CNC Triangle Inner Linkage - CNC
A - Assembly	A 1 10 A 1	1 1 1	3912 3912-A 3912-B 3952 3846	Linkage Complete Assembly - Standard Triangle Inner Linkage U Outer Linkage Linkage Complete Assembly - CNC Triangle Inner Linkage - CNC
A - Assembly	A 1 10 	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3912 3912-A 3912-B 3952 3846 3952-B	Linkage Complete Assembly - Standard Triangle Inner Linkage U Outer Linkage Linkage Complete Assembly - CNC Triangle Inner Linkage - CNC U Outer Linkage - CNC
A - Assembly	A 1 10 10 10 10 10 10 10 10 10 10 10 10 1	1 1 1	3912 3912-A 3912-B 3952 3846 3952-B	Linkage Complete Assembly - Standard Triangle Inner Linkage U Outer Linkage Linkage Complete Assembly - CNC Triangle Inner Linkage - CNC U Outer Linkage - CNC
A - Assembly	A 1 10 	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3912 3912-A 3912-B 3952 3846 3952-B	Linkage Complete Assembly - Standard Triangle Inner Linkage U Outer Linkage Linkage Complete Assembly - CNC Triangle Inner Linkage - CNC U Outer Linkage - CNC
A - Assembly	A 1 10 10 10 10 10 10 10 10 10 10 10 10 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3912 3912-A 3912-B 3952 3846 3952-B	Linkage Complete Assembly - Standard Triangle Inner Linkage U Outer Linkage Linkage Complete Assembly - CNC Triangle Inner Linkage - CNC U Outer Linkage - CNC
A - Assembly	A 1 10 A 1 10 10 	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3912 3912-A 3912-B 3952 3846 3952-B 	Linkage Complete Assembly - Standard Triangle Inner Linkage U Outer Linkage Linkage Complete Assembly - CNC Triangle Inner Linkage - CNC U Outer Linkage - CNC U Outer Linkage - CNC
A - Assembly $3^{2}$ $9^{9}$ $11^{1}$ $14^{13}$ $4^{10}$ $7^{10}$ $10^{11}$ $12^{11}$	A 1 10 A 1 10 10 	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3912 3912-A 3912-B 3952 3846 3952-B 	Linkage Complete Assembly - Standard Triangle Inner Linkage U Outer Linkage Linkage Complete Assembly - CNC Triangle Inner Linkage - CNC U Outer Linkage - CNC U Outer Linkage - CNC
A - Assembly	A 1 10 A 1 10 10 	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3912 3912-A 3912-B 3952 3846 3952-B 	Linkage Complete Assembly - Standard Triangle Inner Linkage U Outer Linkage Linkage Complete Assembly - CNC Triangle Inner Linkage - CNC U Outer Linkage - CNC U Outer Linkage - CNC
A - Assembly $3^{2}$ $9^{9}$ $11^{1}$ $14^{13}$ $4^{10}$ $7^{10}$ $10^{11}$ $12^{11}$	A 1 10 A 1 10 10 	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3912 3912-A 3912-B 3952 3846 3952-B 	Linkage Complete Assembly - Standard Triangle Inner Linkage U Outer Linkage Linkage Complete Assembly - CNC Triangle Inner Linkage - CNC U Outer Linkage - CNC U Outer Linkage - CNC
A - Assembly	A 1 10 A 1 10 10 	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3912 3912-A 3912-B 3952 3846 3952-B 	Linkage Complete Assembly - Standard Triangle Inner Linkage U Outer Linkage Linkage Complete Assembly - CNC Triangle Inner Linkage - CNC U Outer Linkage - CNC U Outer Linkage - CNC
A - Assembly	A 1 10 A 1 10 10 	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3912 3912-A 3912-B 3952 3846 3952-B 	Linkage Complete Assembly - Standard Triangle Inner Linkage U Outer Linkage Linkage Complete Assembly - CNC Triangle Inner Linkage - CNC U Outer Linkage - CNC U Outer Linkage - CNC
A - Assembly	A 1 10 A 1 10 10 	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3912 3912-A 3912-B 3952 3846 3952-B 	Linkage Complete Assembly - Standard Triangle Inner Linkage U Outer Linkage Linkage Complete Assembly - CNC Triangle Inner Linkage - CNC U Outer Linkage - CNC U Outer Linkage - CNC
A - Assembly	A 1 10 A 1 10 10 	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3912 3912-A 3912-B 3952 3846 3952-B 	Linkage Complete Assembly - Standard Triangle Inner Linkage U Outer Linkage Linkage Complete Assembly - CNC Triangle Inner Linkage - CNC U Outer Linkage - CNC U Outer Linkage - CNC

13. CHAIN GUIDE	POS.	QTY	CODE	NAME
A - Assembly	A		3035	Chain Guide Complete Assembly
A - Assenibly	9	1	3035	Chain Guide
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( OF B C				
S IN IN STATE				
Ø <u>9-</u> 2				
9-1				
4. FORK ASSEMBLY	POS.	QTY	CODE	NAME
A - Assembly	1	1	3947	700 x 45 x 48 mm Front Adjustable Fork Set
	1-1	1	3535	Fork Guard Assembly
1-0	1	1	3113	770 x 45 x 48 mm Front Unadjustable Fork Set
	1-1	1	3535	Fork Guard Assembly
//= //				. en etala nationality
/26	1	1	3870	700 x 45 x 48 mm Front Unadjustable Fork Set
1.1-0/20	1-1	1	3353	Fork Guard Assembly
1-1-/ \$1-2-// \$				
2 /// // //	1	1	3530	770 x 45 x 48 mm Front Adjustable Fork Set
	1-1	1	3535	Fork Guard Assembly
and the second				
	1	1	3902	780 x 48 x 48 mm Fastace ALX02RC Fork Set
15. REAR SUSPENSION	1-1 POS.	1 QTY	3904	Fork Guard Assembly NAME
	F00.	<b>W</b> (1)	CODE	
A Accombly	Α		3937	Rear Suspension Complete Assembly
A - Assembly	A 4	1	3937 3937	Rear Suspension Complete Assembly 330mm Rear Shock
A - Assembly	A 4	1	3937 3937	Rear Suspension Complete Assembly 330mm Rear Shock
A - Assembly		1		
A - Assembly	4	1	3937	330mm Rear Shock
A - Assembly	4 A		3937 3862	330mm Rear Shock Rear Suspension Complete Assembly
A - Assembly	4 A 4 A	1	3937 3862 3862 3862 3618	330mm Rear Shock Rear Suspension Complete Assembly 350mm Rear Shock Rear Suspension Complete Assembly
A - Assembly	4 A 4		3937 3862 3862	330mm Rear Shock Rear Suspension Complete Assembly 350mm Rear Shock
A - Assembly	4 A 4 A 4 4	1	3937 3862 3862 3618 3618	330mm Rear Shock Rear Suspension Complete Assembly 350mm Rear Shock Rear Suspension Complete Assembly DNM Fully Adjustable 330mm DHL Rear Shock
A - Assembly	4 A 4 A 4 A	1	3937 3862 3862 3618 3618 3618 3610	330mm Rear Shock Rear Suspension Complete Assembly 350mm Rear Shock Rear Suspension Complete Assembly DNM Fully Adjustable 330mm DHL Rear Shock Rear Suspension Complete Assembly
A - Assembly	4 A 4 A 4 4	1	3937 3862 3862 3618 3618	330mm Rear Shock Rear Suspension Complete Assembly 350mm Rear Shock Rear Suspension Complete Assembly DNM Fully Adjustable 330mm DHL Rear Shock
A - Assembly	4 A 4 A 4 A	1	3937 3862 3862 3618 3618 3618 3610	330mm Rear Shock Rear Suspension Complete Assembly 350mm Rear Shock Rear Suspension Complete Assembly DNM Fully Adjustable 330mm DHL Rear Shock Rear Suspension Complete Assembly
A - Assembly	4 A 4 A 4 A	1	3937 3862 3862 3618 3618 3618 3610	330mm Rear Shock Rear Suspension Complete Assembly 350mm Rear Shock Rear Suspension Complete Assembly DNM Fully Adjustable 330mm DHL Rear Shock Rear Suspension Complete Assembly
	4 A 4 A 4 A 4 4	1	3837 3862 3862 3618 3618 3610 3610	330mm Rear Shock Rear Suspension Complete Assembly 350mm Rear Shock Rear Suspension Complete Assembly DNM Fully Adjustable 330mm DHL Rear Shock Rear Suspension Complete Assembly DNM Fully Adjustable 350mm DHL Rear Shock
	4 A 4 A 4 A A 4 C POS.	1 1 1 1	3837 3862 3862 3618 3618 3610 3610 CODE	330mm Rear Shock Rear Suspension Complete Assembly 350mm Rear Shock Rear Suspension Complete Assembly DNM Fully Adjustable 330mm DHL Rear Shock Rear Suspension Complete Assembly DNM Fully Adjustable 350mm DHL Rear Shock NAME
	4 A A 4 A 4 A 4 <b>POS.</b> 2	1 1 1 1 2 2 2 7 7 1	3837 3862 3862 3618 3618 3610 3610 <b>CODE</b> 3644	330mm Rear Shock Rear Suspension Complete Assembly 350mm Rear Shock Rear Suspension Complete Assembly DNM Fully Adjustable 330mm DHL Rear Shock Rear Suspension Complete Assembly DNM Fully Adjustable 350mm DHL Rear Shock NAME NAME MX Steeze Steel Handle Bar OD22 x L760mm H180m
	4 A 4 A 4 A A 4 C POS.	1 1 1 1	3837 3862 3862 3618 3618 3610 3610 CODE	330mm Rear Shock Rear Suspension Complete Assembly 350mm Rear Shock Rear Suspension Complete Assembly DNM Fully Adjustable 330mm DHL Rear Shock Rear Suspension Complete Assembly DNM Fully Adjustable 350mm DHL Rear Shock NAME
6. HANDLE BAR	4 A A A A A A A A A D D D S. 2 12	1 1 1 <b>QTY</b> 1 1	3837 3862 3862 3618 3618 3610 3610 3610 <b>CODE</b> 3644 3349	330mm Rear Shock Rear Suspension Complete Assembly 350mm Rear Shock Rear Suspension Complete Assembly DNM Fully Adjustable 330mm DHL Rear Shock Rear Suspension Complete Assembly DNM Fully Adjustable 350mm DHL Rear Shock NAME NAME MX Steeze Steel Handle Bar OD22 x L760mm H180m Bar Pad Round
6. HANDLE BAR	4 A A 4 A A 4 <b>POS.</b> 2 12 2	1 1 1 1 <b>QTY</b> 1 1 1	3837 3862 3862 3618 3618 3610 3610 3610 3610 <b>CODE</b> 3644 3349 3022	330mm Rear Shock Rear Suspension Complete Assembly 350mm Rear Shock Rear Suspension Complete Assembly DNM Fully Adjustable 330mm DHL Rear Shock Rear Suspension Complete Assembly DNM Fully Adjustable 350mm DHL Rear Shock NAME MX Steeze Steel Handle Bar OD22 x L760mm H180m Bar Pad Round MX Steeze Alloy Handle BarΦ28.5x L780mm H140mm
S. HANDLE BAR	4 A A A A A A A A A D D D S. 2 12	1 1 1 <b>QTY</b> 1 1	3837 3862 3862 3618 3618 3610 3610 3610 <b>CODE</b> 3644 3349	330mm Rear Shock Rear Suspension Complete Assembly 350mm Rear Shock Rear Suspension Complete Assembly DNM Fully Adjustable 330mm DHL Rear Shock Rear Suspension Complete Assembly DNM Fully Adjustable 350mm DHL Rear Shock NAME NAME NAME MX Steeze Steel Handle Bar OD22 x L760mm H180m Bar Pad Round
6. HANDLE BAR	4 A A 4 A A 4 <b>POS.</b> 2 12 2	1 1 1 1 <b>QTY</b> 1 1 1	3837 3862 3862 3618 3618 3610 3610 3610 3610 <b>CODE</b> 3644 3349 3022	330mm Rear Shock Rear Suspension Complete Assembly 350mm Rear Shock Rear Suspension Complete Assembly DNM Fully Adjustable 330mm DHL Rear Shock Rear Suspension Complete Assembly DNM Fully Adjustable 350mm DHL Rear Shock NAME MX Steeze Steel Handle Bar OD22 x L760mm H180m Bar Pad Round MX Steeze Alloy Handle BarQ28.5x L780mm H140mm
6. HANDLE BAR	4 A A 4 A A 4 <b>POS.</b> 2 12 2	1 1 1 1 <b>QTY</b> 1 1 1	3837 3862 3862 3618 3618 3610 3610 3610 3610 <b>CODE</b> 3644 3349 3022	330mm Rear Shock Rear Suspension Complete Assembly 350mm Rear Shock Rear Suspension Complete Assembly DNM Fully Adjustable 330mm DHL Rear Shock Rear Suspension Complete Assembly DNM Fully Adjustable 350mm DHL Rear Shock NAME MX Steeze Steel Handle Bar OD22 x L760mm H180m Bar Pad Round MX Steeze Alloy Handle BarQ28.5x L780mm H140mm
6. HANDLE BAR	4 A A 4 A A 4 <b>POS.</b> 2 12 2	1 1 1 1 <b>QTY</b> 1 1 1	3837 3862 3862 3618 3618 3610 3610 3610 3610 <b>CODE</b> 3644 3349 3022	330mm Rear Shock Rear Suspension Complete Assembly 350mm Rear Shock Rear Suspension Complete Assembly DNM Fully Adjustable 330mm DHL Rear Shock Rear Suspension Complete Assembly DNM Fully Adjustable 350mm DHL Rear Shock NAME NAME MX Steeze Steel Handle Bar OD22 x L760mm H180m Bar Pad Round MX Steeze Alloy Handle BarΦ28.5x L780mm H140mr
6. HANDLE BAR	4 A A 4 A A 4 <b>POS.</b> 2 12 2	1 1 1 1 <b>QTY</b> 1 1 1	3837 3862 3862 3618 3618 3610 3610 3610 3610 <b>CODE</b> 3644 3349 3022	330mm Rear Shock Rear Suspension Complete Assembly 350mm Rear Shock Rear Suspension Complete Assembly DNM Fully Adjustable 330mm DHL Rear Shock Rear Suspension Complete Assembly DNM Fully Adjustable 350mm DHL Rear Shock NAME NAME MX Steeze Steel Handle Bar OD22 x L760mm H180m Bar Pad Round MX Steeze Alloy Handle BarΦ28.5x L780mm H140mr
6. HANDLE BAR	4 A A 4 A A 4 <b>POS.</b> 2 12 2	1 1 1 1 <b>QTY</b> 1 1 1	3837 3862 3862 3618 3618 3610 3610 3610 3610 <b>CODE</b> 3644 3349 3022	330mm Rear Shock Rear Suspension Complete Assembly 350mm Rear Shock Rear Suspension Complete Assembly DNM Fully Adjustable 330mm DHL Rear Shock Rear Suspension Complete Assembly DNM Fully Adjustable 350mm DHL Rear Shock NAME NAME MX Steeze Steel Handle Bar OD22 x L760mm H180m Bar Pad Round MX Steeze Alloy Handle BarΦ28.5x L780mm H140mr

/. BAR / FORK CLAMPS	POS.	QTY	CODE	NAME
A - Assembly	A		3940	Bar Clamps Complete Assembly
A - Assembly	1	2	3940A	Bar Risers 7/8 - 22mm
	A		3008	Bar Clamps Complete Assembly
	1	2	3008B	Bar Risers 1 1/8 - 28.5
3 1 8				
° C C C C	4, 9, 11, 12	4	3666	Cap OD56, Nut S30, Taper Bearing 22/23.5
6 4 5				
13 5				
7				
12 110 5				
13 11				
. GRIP	POS.	QTY	CODE	NAME
	A A	WIT	3071	Grip Complete Assembly
A - Assembly	3	1	3071	Grip Half Waffle 22 / 26
	-		00/1	
3				
. THROTTLE	POS.	QTY	3003	NAME Threttle Complete Accombly
	A		3003	Throttle Complete Assembly
i 11 10-1				
A. BRAKE LEVER	POS.	QTY	CODE	NAME
A. BRAKE LEVER	A		3651	Brake lever Complete Assembly
i 11 10-1		QTY 1		
A. BRAKE LEVER A - Assembly	A	1	3651 3651	Brake lever Complete Assembly Brake Lever Forged
A. BRAKE LEVER	A		3651	Brake lever Complete Assembly
A. BRAKE LEVER A - Assembly	A	1	3651 3651	Brake lever Complete Assembly Brake Lever Forged
A. BRAKE LEVER A - Assembly	A	1	3651 3651	Brake lever Complete Assembly Brake Lever Forged
A. BRAKE LEVER A - Assembly	A	1	3651 3651	Brake lever Complete Assembly Brake Lever Forged
A. BRAKE LEVER A - Assembly	A	1	3651 3651	Brake lever Complete Assembly Brake Lever Forged
A. BRAKE LEVER A - Assembly	A	1	3651 3651	Brake lever Complete Assembly Brake Lever Forged
A. BRAKE LEVER A - Assembly	A	1	3651 3651	Brake lever Complete Assembly Brake Lever Forged
A. BRAKE LEVER A - Assembly	A	1	3651 3651	Brake lever Complete Assembly Brake Lever Forged
A. BRAKE LEVER A - Assembly	A	1	3651 3651	Brake lever Complete Assembly Brake Lever Forged
A. BRAKE LEVER A - Assembly	A	1	3651 3651	Brake lever Complete Assembly Brake Lever Forged

21A. THROTTLE CABLE	POS.	QTY	CODE	NAME
	A	-	3993	Throttle Cable
A - Assembly	6	1	3993	Throttle Cable 820+128
		1	3677	Clutch Cable   Neutral Start  910+70
-6		1	3926	Clutch Cable   Any Gear   980+85
22. FRONT BRAKE ASSEMBLY	POS.	QTY	CODE	NAME
A - Assembly	A		3041	Front Brake Complete Assembly
A Accountry	1	1	3041	Front Brake Double Piston 6/51 L=End to End:1150
1	A		3964	Front Brake Complete Assembly - Racing
	1	1	3964	Front Brake Double Piston L=End to End:1120 CNC Moun
	-		0070	Erent Broke Complete Accombin
	A 1	1	3650	Front Brake Complete Assembly Front Brake Single Piston 8/42 L=End to End:1080
and a share a s	<u> </u>	1	3650	From Drake Unigre From 0/42 L=End to End. 1000
DA CAR	A		3977	Front Brake Complete Assembly - TSK110
HILL THEFE	1	1	3977	Front Brake Double Piston 6/51 L=End to End:1080
4 5				
	2	1	3544	Front Brake Pad Double Piston
2 3	2	1	3944	Front Brake Pad Single Piston
	2	1	3981	Front Brake Pad - Racing
	BOS	OTV	CODE	NAME
23. REAR BREAK ASSEMBLY	POS. A	QTY	3682	NAME Rear Brake Complete Assembly
A - Assembly	4	1	3682	Rear Brake L520, Master Cylinder L185mm, Rod L85mm,
	4-1	1	3543	Rear Brake Pad
4.5.4				
4-5 4	4	1	3971	Rear Brake w CNC Mount - Racing
	4-1	1	3982	Rear Brake Pad - Racing
-5				
<b>₽</b> -7				
Ø –4-2				
8ª —14				
-4-3				
<sup>−4-3</sup> <b>≛</b> —13				
<sup>−4-3</sup> <b>⊑</b> —13				
<sup>−4-3</sup> <sup> </sup> —13				
	POS.	QTY	CODE	NAME
A - Assembly	A		3936	14 Inch Front Wheel Assembly
	_	QTY 1		
	A		3936	14 Inch Front Wheel Assembly
A - Assembly	A 1		3936 3936	14 Inch Front Wheel Assembly Front Wheel 14-1.6, 7075, Stainless Spoke
	A 1 A	1	3936 3936 3115	14 Inch Front Wheel Assembly Front Wheel 14-1.6, 7075, Stainless Spoke 14 Inch Front Wheel Assembly
A - Assembly	A 1 A	1	3936 3936 3115	14 Inch Front Wheel Assembly Front Wheel 14-1.6, 7075, Stainless Spoke 14 Inch Front Wheel Assembly
A - Assembly	A 1 A 1	1	3936 3936 3115 3115	14 Inch Front Wheel Assembly Front Wheel 14-1.6, 7075, Stainless Spoke 14 Inch Front Wheel Assembly Front Wheel 14-1.6,
A - Assembly	A 1 A 1 A	1	3936 3936 3115 3115 3115 3871	14 Inch Front Wheel Assembly Front Wheel 14-1.6, 7075, Stainless Spoke 14 Inch Front Wheel Assembly Front Wheel 14-1.6, 17 Inch Front Wheel Assembly
A - Assembly	A 1 A 1 A	1	3936 3936 3115 3115 3115 3871	14 Inch Front Wheel Assembly Front Wheel 14-1.6, 7075, Stainless Spoke 14 Inch Front Wheel Assembly Front Wheel 14-1.6, 17 Inch Front Wheel Assembly
	A 1 A 1 A	1	3936 3936 3115 3115 3115 3871	14 Inch Front Wheel Assembly Front Wheel 14-1.6, 7075, Stainless Spoke 14 Inch Front Wheel Assembly Front Wheel 14-1.6, 17 Inch Front Wheel Assembly
A - Assembly	A 1 A 1 A	1	3936 3936 3115 3115 3115 3871	14 Inch Front Wheel Assembly Front Wheel 14-1.6, 7075, Stainless Spoke 14 Inch Front Wheel Assembly Front Wheel 14-1.6, 17 Inch Front Wheel Assembly
A - Assembly	A 1 A 1 A	1	3936 3936 3115 3115 3115 3871	14 Inch Front Wheel Assembly Front Wheel 14-1.6, 7075, Stainless Spoke 14 Inch Front Wheel Assembly Front Wheel 14-1.6, 17 Inch Front Wheel Assembly
A - Assembly	A 1 A 1 A	1	3936 3936 3115 3115 3115 3871	14 Inch Front Wheel Assembly Front Wheel 14-1.6, 7075, Stainless Spoke 14 Inch Front Wheel Assembly Front Wheel 14-1.6, 17 Inch Front Wheel Assembly

5A. REAR WHEEL ASSEMBLY	POS.	QTY	CODE	NAME
A - Assembly	A		3852	12 Inch Rear Wheel Assembly
	1	1	3852	Rear Wheel 12 - 1.85, 7075, Stainless Spoke
	1-3	1	3781	Rear Hub
· · · · · · · · · · · · · · · · · · ·	A		3905	12 Inch Rear Wheel Assembly
57 86	1	1	3905	Rear Wheel 12 - 1.85, Stainless Spoke
<u> </u>	1-3	1	3781	Rear Hub
	A		3009	14 Inch Rear Wheel Assembly
1-3	1	1	3009	Rear Wheel 14 - 1.85, 7075, Stainless Spoke
	1-3		3781	Rear Hub
1-5				
9				
6. FRONT TYRE ASSEMBLY	POS.	QTY	CODE	NAME
	A	witt	3654	Front Tyre Complete Assembly
A - Assembly	2	1	3654	Front Tyre 70/100-14
	2-1	1		Tube 14x1.6
A COMPANY				
SE TON	2	1	3574	Front Tyre 70/100-17
2-2- 뗥((( /)))-2-1				
the way	L			
	<u> </u>			
2				
7. REAR TYRE ASSEMBLY	POS.	QTY	CODE	NAME
A - Assembly	A		3189	Rear Tyre Complete Assembly
, , , , , , , , , , , , , , , , , , ,	2	1	3189	Rear Tyre 90/100-12
	2-1	1		Tube 12x1.85
A STATE				
ES (1 (NB))	2		3658	Rear Tyre 90/100-14
2-2- 隖(( //// ))-2-1				
2-2-				
2-2- 2-1				
2-2-				
2-2- 2-1				
2-2- 2-1 2				
_				
4B. FRONT DISC	POS.	QTY	CODE	NAME
_	A		3044	Front Disc Complete Assembly
4B. FRONT DISC	A 3	1		Front Disc Complete Assembly Disc OD220 xID 76 mm
4B. FRONT DISC	A		3044	Front Disc Complete Assembly
4B. FRONT DISC	A 3 4	1 4	3044 3044	Front Disc Complete Assembly Disc OD220 xID 76 mm Disc Bolt M8x20 Button Hex Socket Step Bolt S6
4B. FRONT DISC	A 3	1	3044	Front Disc Complete Assembly Disc OD220 xID 76 mm
4B. FRONT DISC	A 3 4	1 4	3044 3044	Front Disc Complete Assembly Disc OD220 xID 76 mm Disc Bolt M8x20 Button Hex Socket Step Bolt S6
4B. FRONT DISC	A 3 4	1 4	3044 3044	Front Disc Complete Assembly Disc OD220 xID 76 mm Disc Bolt M8x20 Button Hex Socket Step Bolt S6
4B. FRONT DISC	A 3 4	1 4	3044 3044	Front Disc Complete Assembly Disc OD220 xID 76 mm Disc Bolt M8x20 Button Hex Socket Step Bolt S6
4B. FRONT DISC	A 3 4	1 4	3044 3044	Front Disc Complete Assembly Disc OD220 xID 76 mm Disc Bolt M8x20 Button Hex Socket Step Bolt S6
4B. FRONT DISC	A 3 4	1 4	3044 3044	Front Disc Complete Assembly Disc OD220 xID 76 mm Disc Bolt M8x20 Button Hex Socket Step Bolt S6
4B. FRONT DISC	A 3 4	1 4	3044 3044	Front Disc Complete Assembly Disc OD220 xID 76 mm Disc Bolt M8x20 Button Hex Socket Step Bolt S6
4B. FRONT DISC	A 3 4	1 4	3044 3044	Front Disc Complete Assembly Disc OD220 xID 76 mm Disc Bolt M8x20 Button Hex Socket Step Bolt S6
4B. FRONT DISC	A 3 4	1 4	3044 3044	Front Disc Complete Assembly Disc OD220 xID 76 mm Disc Bolt M8x20 Button Hex Socket Step Bolt S6
4B. FRONT DISC	A 3 4	1 4	3044 3044	Front Disc Complete Assembly Disc OD220 xID 76 mm Disc Bolt M8x20 Button Hex Socket Step Bolt S6
A - Assembly	A 3 4 3	1 4 1 1	3044 3044 7534	Front Disc Complete Assembly Disc OD220 xID 76 mm Disc Bolt M8x20 Button Hex Socket Step Bolt S6 Round Disc OD220 xID 76 mm
A - Assembly $-3 -4$	A 3 4 3 	1 4 1 1	3044 3044 7534 CODE	Front Disc Oczopieto Assembly Disc Ocz20 xID 76 mm Disc Bolt M8x20 Button Hex Socket Step Bolt S6 Round Disc OD220 xID 76 mm
A - Assembly	A 3 4 3 3 	1 4 1	3044 3044 7534 <b>CODE</b> 3143	Front Disc Complete Assembly Disc DO223 viD 76 mm Disc Bolt M8x20 Button Hex Socket Step Bolt S6 Round Disc OD220 viD 76 mm NAME Rear Disc Complete Assembly
A - Assembly	A 3 4 3 	1 4 1 1 2 2 2 7 7 4	3044 3044 7534 <b>CODE</b> 3143 3143	Front Disc Complete Assembly Disc OD220 xID 76 mm Disc Bolt M8x20 Button Hex Socket Step Bolt S6 Round Disc OD220 xID 76 mm NAME Rear Disc Complete Assembly Disc D190 x 76 mm Disc D0190 x 76 mm
A - Assembly	A 3 4 3 3 	1 4 1 1 QTY 1	3044 3044 7534 <b>CODE</b> 3143	Front Disc Complete Assembly Disc D0220 xID 76 mm Disc Bolt M8x20 Button Hex Socket Step Bolt S6 Round Disc OD220 xID 76 mm NAME Rear Disc Complete Assembly Disc OD190 x 76 mm
A - Assembly	A 3 4 3 	1 4 1 1 2 2 2 7 7 4	3044 3044 7534 <b>CODE</b> 3143 3143	Front Disc Complete Assembly Disc OD220 xID 76 mm Disc Bolt M8x20 Button Hex Socket Step Bolt S6 Round Disc OD220 xID 76 mm NAME Rear Disc Complete Assembly Disc D190 x 76 mm Disc D0190 x 76 mm
A - Assembly	A 3 4 3 	1 4 1 1 2 2 2 7 7 4	3044 3044 7534 <b>CODE</b> 3143 3143	Front Disc Complete Assembly Disc 00220 xID 76 mm Disc Bolt M8x20 Button Hex Socket Step Bolt S6 Round Disc OD220 xID 76 mm NAME Rear Disc Complete Assembly Disc D190 x 76 mm Disc D0190 x 76 mm
A - Assembly	A 3 4 3 	1 4 1 1 2 2 2 7 7 4	3044 3044 7534 <b>CODE</b> 3143 3143	Front Disc Complete Assembly Disc 00220 xID 76 mm Disc Bolt M8x20 Button Hex Socket Step Bolt S6 Round Disc OD220 xID 76 mm NAME Rear Disc Complete Assembly Disc D190 x 76 mm Disc D0190 x 76 mm
A - Assembly	A 3 4 3 	1 4 1 1 2 2 2 7 7 4	3044 3044 7534 <b>CODE</b> 3143 3143	Front Disc Complete Assembly Disc 00220 xID 76 mm Disc Bolt M8x20 Button Hex Socket Step Bolt S6 Round Disc OD220 xID 76 mm NAME Rear Disc Complete Assembly Disc D190 x 76 mm Disc D0190 x 76 mm
A - Assembly	A 3 4 3 	1 4 1 1 2 2 2 7 7 4	3044 3044 7534 <b>CODE</b> 3143 3143	Front Disc Complete Assembly Disc 00220 xID 76 mm Disc Bolt M8x20 Button Hex Socket Step Bolt S6 Round Disc OD220 xID 76 mm NAME Rear Disc Complete Assembly Disc D190 x 76 mm Disc D0190 x 76 mm
A - Assembly	A 3 4 3 	1 4 1 1 2 2 2 7 7 4	3044 3044 7534 <b>CODE</b> 3143 3143	Front Disc Complete Assembly Disc OD220 xID 76 mm Disc Bolt M8x20 Button Hex Socket Step Bolt S6 Round Disc OD220 xID 76 mm NAME Rear Disc Complete Assembly Disc D190 x 76 mm Disc D0190 x 76 mm
A - Assembly	A 3 4 3 	1 4 1 1 2 2 2 7 7 4	3044 3044 7534 <b>CODE</b> 3143 3143	Front Disc Complete Assembly Disc OD220 xID 76 mm Disc Bolt M8x20 Button Hex Socket Step Bolt S6 Round Disc OD220 xID 76 mm NAME Rear Disc Complete Assembly Disc D190 x 76 mm Disc D0190 x 76 mm
A - Assembly	A 3 4 3 	1 4 1 1 2 2 2 7 7 4	3044 3044 7534 <b>CODE</b> 3143 3143	Front Disc Complete Assembly Disc OD220 xID 76 mm Disc Bolt M8x20 Button Hex Socket Step Bolt S6 Round Disc OD220 xID 76 mm NAME Rear Disc Complete Assembly Disc D190 x 76 mm Disc D0190 x 76 mm

28. FRONT AXLE ASSEMBLY	POS.	QTY	CODE	NAME
A - Assembly	A A	WIT	3656	NAME Front Axle Complete Assembly 225x15mm
A				
5 7 8				
B				
29. REAR AXLE ASSEMBLY	POS.	QTY	CODE	NAME
A - Assembly	A 12	1	3917 3917	Rear Axle Complete Assembly M20 OD20 L220 Rear Axel
12				
13 14				
14				
15 16				
R3 0 B				
5				
30. CHAIN	POS.	QTY	CODE	NAME
A - Assembly	A A	witt	3916	Chain Assembly
A - Assembly	8	1	3916	Chain 428 HD - 116 Link
I				
8				
ĩ				
ACTIVITIES AND A CONTRACTOR OF				
A COLOR				
(				
	POS.	QTY	CODE	NAME
1. SPROCKET	POS.	QTY	CODE 3838	NAME Sprocket Complete Assembly
		QTY 1		
H. SPROCKET A - Assembly	A 5		3838 3838	Sprocket Complete Assembly 428x43 T Sprocket (6 Bolt Type)
A - Assembly	A 5 	1	3838	Sprocket Complete Assembly 428x43 T Sprocket (6 Bolt Type) Sprocket Complete Assembly - Race
H. SPROCKET A - Assembly	A 5		3838 3838 3985	Sprocket Complete Assembly 428x43 T Sprocket (6 Bolt Type)
A - Assembly	A 5 	1	3838 3838 3985	Sprocket Complete Assembly 428x43 T Sprocket (6 Bolt Type) Sprocket Complete Assembly - Race
A - Assembly	A 5 	1	3838 3838 3985	Sprocket Complete Assembly 428x43 T Sprocket (6 Bolt Type) Sprocket Complete Assembly - Race
A - Assembly	A 5 	1	3838 3838 3985	Sprocket Complete Assembly 428x43 T Sprocket (6 Bolt Type) Sprocket Complete Assembly - Race
A - Assembly	A 5 	1	3838 3838 3985	Sprocket Complete Assembly 428x43 T Sprocket (6 Bolt Type) Sprocket Complete Assembly - Race
A - Assembly	A 5 	1	3838 3838 3985	Sprocket Complete Assembly 428x43 T Sprocket (6 Bolt Type) Sprocket Complete Assembly - Race
A - Assembly	A 5 	1	3838 3838 3985	Sprocket Complete Assembly 428x43 T Sprocket (6 Bolt Type) Sprocket Complete Assembly - Race
H. SPROCKET A - Assembly 7 5 6 32. CDI	A 5 	1	3838 3838 3985	Sprocket Complete Assembly 428x43 T Sprocket (6 Bolt Type) Sprocket Complete Assembly - Race
A - Assembly	A 5 5 	1 1	3838 3838 3985 3985 	Sprocket Complete Assembly 428x43 T Sprocket (6 Bolt Type) Sprocket Complete Assembly - Race 428x39 T Sprocket (6 Bolt Type) CNC 428x39 T Sprocket (6 Bolt Type) CNC
A - Assembly	A 5 5 		3838 3838 3985 3985 	Sprocket Complete Assembly 428x43 T Sprocket (6 Bolt Type) Sprocket Complete Assembly - Race 428x39 T Sprocket (6 Bolt Type) CNC
A - Assembly	A 5 5 	1 1	3838 3838 3985 3985 	Sprocket Complete Assembly 428x43 T Sprocket (6 Bolt Type) Sprocket Complete Assembly - Race 428x39 T Sprocket (6 Bolt Type) CNC 428x39 T Sprocket (6 Bolt Type) CNC
A - Assembly 7 5 6	A 5 5 	1 1	3838 3838 3985 3985 	Sprocket Complete Assembly 428x43 T Sprocket (6 Bolt Type) Sprocket Complete Assembly - Race 428x39 T Sprocket (6 Bolt Type) CNC 428x39 T Sprocket (6 Bolt Type) CNC
A - Assembly 7 5 6 2. CDI A - Assembly	A 5 5 	1 1	3838 3838 3985 3985 	Sprocket Complete Assembly 428x43 T Sprocket (6 Bolt Type) Sprocket Complete Assembly - Race 428x39 T Sprocket (6 Bolt Type) CNC 428x39 T Sprocket (6 Bolt Type) CNC
A - Assembly 7 5 6 2. CDI A - Assembly	A 5 5 	1 1	3838 3838 3985 3985 	Sprocket Complete Assembly 428x43 T Sprocket (6 Bolt Type) Sprocket Complete Assembly - Race 428x39 T Sprocket (6 Bolt Type) CNC 428x39 T Sprocket (6 Bolt Type) CNC NAME CDI Complete Assembly
A - Assembly 7 5 6	A 5 5 	1 1	3838 3838 3985 3985 	Sprocket Complete Assembly 428x43 T Sprocket (6 Bolt Type) Sprocket Complete Assembly - Race 428x39 T Sprocket (6 Bolt Type) CNC 428x39 T Sprocket (6 Bolt Type) CNC
A - Assembly 7 5 6 32.CDI A - Assembly	A 5 5 	1 1	3838 3838 3985 3985 	Sprocket Complete Assembly 428x43 T Sprocket (6 Bolt Type) Sprocket Complete Assembly - Race 428x39 T Sprocket (6 Bolt Type) CNC 428x39 T Sprocket (6 Bolt Type) CNC
A - Assembly The second secon	A 5 5 	1 1	3838 3838 3985 3985 	Sprocket Complete Assembly 428x43 T Sprocket (6 Bolt Type) Sprocket Complete Assembly - Race 428x39 T Sprocket (6 Bolt Type) CNC 428x39 T Sprocket (6 Bolt Type) CNC
A - Assembly 32. CDI A - Assembly A - Assembly	A 5 5 	1 1	3838 3838 3985 3985 	Sprocket Complete Assembly 428x43 T Sprocket (6 Bolt Type) Sprocket Complete Assembly - Race 428x39 T Sprocket (6 Bolt Type) CNC 428x39 T Sprocket (6 Bolt Type) CNC

3. IGNITION COIL	POS.	QTY	CODE	NAME
A - Assembly	A	<u> </u>	3255	Ignition Coil Complete Assembly
A - Assembly	2	1	3255	Coil Waterproof Fixed Wire L450mm
2				
Д				
3A. BATTERY	POS.	QTY	CODE	NAME
	A		3955	Battery Complete Assembly
A - Assembly	6	1		Battery Strap
· · · · · · · · · · · · · · · · · · ·	7	1	3955	Battery
6-				
7-				
B. RECTIFIER	POS.	QTY	CODE	NAME
	A		3961	Rectifier Complete Assembly
A - Assembly	8	1	3961	Rectifier
	9	1		M6
	11	1		M6 Hex Flange Nylock Nut
9 11 8			1 1	
9 11 8				
9118				
9 11 8				
9 11 8				
		OTY	CODE	NAME
C. SOLENOID	POS.	QTY	CODE	NAME Sciencial Complete Assembly
	A		3970	Solenoid Complete Assembly
C. SOLENOID		QTY 1		
C. SOLENOID	A		3970	Solenoid Complete Assembly
C. SOLENOID	A		3970	Solenoid Complete Assembly
C. SOLENOID	A		3970	Solenoid Complete Assembly
C. SOLENOID	A		3970	Solenoid Complete Assembly
C. SOLENOID	A		3970	Solenoid Complete Assembly
C. SOLENOID	A		3970	Solenoid Complete Assembly
C. SOLENOID	A		3970	Solenoid Complete Assembly
C. SOLENOID	A		3970	Solenoid Complete Assembly
C. SOLENOID	A		3970	Solenoid Complete Assembly
C. SOLENOID	A		3970	Solenoid Complete Assembly
C. SOLENOID	A		3970	Solenoid Complete Assembly
C. SOLENOID	A		3970	Solenoid Complete Assembly
C. SOLENOID	A		3970	Solenoid Complete Assembly
IC. SOLENOID	A		3970	Solenoid Complete Assembly
IC. SOLENOID	A		3970	Solenoid Complete Assembly
IC. SOLENOID	A		3970	Solenoid Complete Assembly
IC. SOLENOID	A		3970	Solenoid Complete Assembly
IC. SOLENOID	A		3970	Solenoid Complete Assembly
IC. SOLENOID	A		3970	Solenoid Complete Assembly

34. WIRING LOOM	POS.	QTY	CODE	NAME
	A	-	3857	Wiring Loom Complete Assembly
A - Assembly	6	1	3857	Wiring Loom Electric Start
	7	2	3037	
		2		Zip Tie
	6	1	3055	Wiring Loom Kick Start
~ D				
<u>∽</u> _76				
· /0				
CON AND				
W (a)				
19 No. 19				
		071	0005	NAME.
35. KILL SWITCH	POS.	QTY	CODE	NAME
A - Assembly	A		3906	Kill Switch Complete Assembly
•	1	1	3906	Kill Switch Waterproof Square Button Overall Length:600m
1 Prod				
17				
36A. PLASTIC ASSEMBLY	POS.	QTY	CODE	NAME
	A	9411	3909	Plastic Complete Assembly
A - Assembly	3	1	3303	CRF110 Front Number Plate
			0050	
40	4	1	3259	CRF110 Front Fender
18 20				
	7	1	3358	Stealth Front Shroud Right
17 3 4	8	1	3358	Mouting Rubber L26x24 H8 ID7
17 3 4	8 12	1	3358	Mouting Rubber L26x24 H8 ID7 CRF110 Right Side Number Panel
	8 12 13	1 1 1		Mouting Rubber L26x24 H8 ID7 CRF110 Right Side Number Panel CRF110 Rear Fender
17 21 3 4	8 12	1	3358	Mouting Rubber L26x24 H8 ID7 CRF110 Right Side Number Panel
17 21 3 4	8 12 13	1 1 1		Mouting Rubber L26x24 H8 ID7 CRF110 Right Side Number Panel CRF110 Rear Fender
17 16 21 16 21 16 21	8 12 13 16	1 1 1 1		Mouting Rubber L26x24 H8 ID7 CRF110 Right Side Number Panel CRF110 Rear Fender Shock Guard
17 21 3 4	8 12 13 16 17 18	1 1 1 1 1 1 1	3860	Mouting Rubber L26x24 H8 ID7 CRF110 Right Side Number Panel CRF110 Rear Fender Shock Guard CRF110 Left Side Number Panel CRF110 Left Side Front Panel
17 16 21 16 21 16 21	8 12 13 16 17	1 1 1 1 1		Mouting Rubber L26x24 H8 ID7 CRF110 Right Side Number Panel CRF110 Rear Fender Shock Guard CRF110 Left Side Number Panel CRF110 Left Side Front Panel Stealth Front Shroud Left
17 16 21 13 13	8 12 13 16 17 18 20 21	1 1 1 1 1 1 1 1 1 1	3860 3357 3907	Mouting Rubber L26x24 H8 ID7 CRF110 Right Side Number Panel CRF110 Rear Fender Shock Guard CRF110 Left Side Number Panel CRF110 Left Side Front Panel Stealth Front Shroud Left Rear Shock Guard Connector
	8 12 13 16 17 18 20 21 21 22	1 1 1 1 1 1 1 1 3	3860 3357 3907 3848	Mouting Rubber L26x24 H8 ID7 CRF110 Right Side Number Panel CRF110 Rear Fender Shock Guard CRF110 Left Side Number Panel CRF110 Left Side Front Panel Stealth Front Shroud Left Rear Shock Guard Connector Stealth Plastics Color Change Kits
17 16 21 13 13	8 12 13 16 17 18 20 21	1 1 1 1 1 1 1 1 1 1	3860 3357 3907	Mouting Rubber L26x24 H8 ID7 CRF110 Right Side Number Panel CRF110 Rear Fender Shock Guard CRF110 Left Side Number Panel CRF110 Left Side Front Panel Stealth Front Shroud Left Rear Shock Guard Connector
	8 12 13 16 17 18 20 21 21 22	1 1 1 1 1 1 1 1 3	3860 3357 3907 3848	Mouting Rubber L26x24 H8 ID7 CRF110 Right Side Number Panel CRF110 Rear Fender Shock Guard CRF110 Left Side Number Panel CRF110 Left Side Front Panel Stealth Front Shroud Left Rear Shock Guard Connector Stealth Plastics Color Change Kits
17 16 13 12 8 7	8 12 13 16 17 18 20 21 22 4 & 13	1 1 1 1 1 1 1 3 2	3860 3357 3907 3848 3967	Mouting Rubber L26x24 H8 ID7 CRF110 Right Side Number Panel CRF110 Rear Fender Shock Guard CRF110 Left Side Number Panel CRF110 Left Side Front Panel Stealth Front Shroud Left Rear Shock Guard Connector Stealth Plastics Color Change Kits CRF110 Front & Rear Fender Kit - Black
10 10 10 13 13 13 13 13 13 13 13 13 13	8 12 13 16 17 18 20 21 22 4 & 13 <b>POS.</b>	1 1 1 1 1 1 1 1 3	3860 3357 3907 3848 3967 CODE	Mouting Rubber L26x24 H8 ID7 CRF110 Right Side Number Panel CRF110 Rear Fender Shock Guard CRF110 Left Side Number Panel CRF110 Left Side Front Panel Stealth Front Shroud Left Rear Shock Guard Connector Stealth Plastics Color Change Kits CRF110 Front & Rear Fender Kit - Black NAME
17 16 13 13 12 8 7	8 12 13 16 17 18 20 21 22 4 & 13 <b>POS.</b> A	1 1 1 1 1 1 1 3 2 2 <b>QTY</b>	3860 3357 3907 3848 3967 <b>CODE</b> 3860	Mouting Rubber L26x24 H8 ID7 CRF110 Right Side Number Panel CRF110 Rear Fender Shock Guard CRF110 Left Side Number Panel CRF110 Left Side Front Panel Stealth Front Shroud Left Rear Shock Guard Connector Stealth Plastics Color Change Kits CRF110 Front & Rear Fender Kit - Black NAME Shock Guard Complete Assembly
10 10 10 10 10 13 13 13 13 13 13 13 13 13 13	8 12 13 16 17 17 20 21 22 4 & 13 <b>POS.</b> A 16	1 1 1 1 1 1 1 3 2 2 <b>QTY</b> 1	3860 3357 3907 3848 3967 CODE	Mouting Rubber L26x24 H8 ID7 CRF110 Right Side Number Panel CRF110 Rear Fender Shock Guard CRF110 Left Side Number Panel CRF110 Left Side Front Panel Stealth Front Shroud Left Rear Shock Guard Connector Stealth Plastics Color Change Kits CRF110 Front & Rear Fender Kit - Black <b>NAME</b> Shock Guard Complete Assembly Shock Guard
10 10 10 10 13 13 13 13 12 13 13 13 13 13 13 13 13 13 13	8 12 13 16 17 17 18 20 21 22 22 22 4 & 13 <b>POS.</b> A 16 2	1 1 1 1 1 1 1 1 1 1 3 2 2 <b>QTY</b> 1 2	3860 3357 3907 3848 3967 <b>CODE</b> 3860 3860	Mouting Rubber L26x24 H8 ID7 CRF110 Right Side Number Panel CRF110 Rear Fender Shock Guard CRF110 Left Side Number Panel CRF110 Left Side Number Panel Stealth Front Shroud Left Rear Shock Guard Connector Stealth Plastics Color Change Kits CRF110 Front & Rear Fender Kit - Black NAME Shock Guard Complete Assembly Shock Guard M6x20 Hex Flange Bolt
KEB. SHOCK GUARD A - Assembly	8 12 13 16 17 17 20 21 22 4 & 13 <b>POS.</b> A 16	1 1 1 1 1 1 1 3 2 2 <b>QTY</b> 1	3860 3357 3907 3848 3967 <b>CODE</b> 3860	Mouting Rubber L26x24 H8 ID7 CRF110 Right Side Number Panel CRF110 Rear Fender Shock Guard CRF110 Left Side Number Panel CRF110 Left Side Front Panel Stealth Front Shroud Left Rear Shock Guard Connector Stealth Plastics Color Change Kits CRF110 Front & Rear Fender Kit - Black NAME Shock Guard Complete Assembly Shock Guard M6x20 Hex Flange Bolt Step Washer #8
GE. SHOCK GUARD A - Assembly	8 12 13 16 17 17 18 20 21 22 22 22 4 & 13 <b>POS.</b> A 16 2	1 1 1 1 1 1 1 1 1 1 3 2 2 <b>QTY</b> 1 2	3860 3357 3907 3848 3967 <b>CODE</b> 3860 3860	Mouting Rubber L26x24 H8 ID7 CRF110 Right Side Number Panel CRF110 Rear Fender Shock Guard CRF110 Left Side Number Panel CRF110 Left Side Number Panel Stealth Front Shroud Left Rear Shock Guard Connector Stealth Plastics Color Change Kits CRF110 Front & Rear Fender Kit - Black NAME Shock Guard Complete Assembly Shock Guard M6x20 Hex Flange Bolt
GEB. SHOCK GUARD A - Assembly	8 12 13 16 17 18 20 21 22 22 22 4 & 13 <b>POS.</b> A 16 2 6 6	1 1 1 1 1 1 1 1 1 3 2 2 <b>QTY</b> 1 2 4 4	3860 3357 3907 3848 3967 <b>CODE</b> 3860 3860	Mouting Rubber L26x24 H8 ID7 CRF110 Right Side Number Panel CRF110 Rear Fender Shock Guard CRF110 Left Side Number Panel CRF110 Left Side Front Panel Stealth Front Shroud Left Rear Shock Guard Connector Stealth Plastics Color Change Kits CRF110 Front & Rear Fender Kit - Black CRF110 Front & Rear Fender Kit - Black NAME Shock Guard Complete Assembly Shock Guard M6x20 Hex Flange Bolt Step Washer #8
HEB. SHOCK GUARD A - Assembly	8 12 13 16 17 18 20 21 22 22 22 4 & 13 <b>POS.</b> A 16 2 6 6	1 1 1 1 1 1 1 1 1 3 2 2 <b>QTY</b> 1 2 4 4	3860 3357 3907 3848 3967 <b>CODE</b> 3860 3860	Mouting Rubber L26x24 H8 ID7 CRF110 Right Side Number Panel CRF110 Rear Fender Shock Guard CRF110 Left Side Number Panel CRF110 Left Side Front Panel Stealth Front Shroud Left Rear Shock Guard Connector Stealth Plastics Color Change Kits CRF110 Front & Rear Fender Kit - Black CRF110 Front & Rear Fender Kit - Black NAME Shock Guard Complete Assembly Shock Guard M6x20 Hex Flange Bolt Step Washer #8
KB. SHOCK GUARD A - Assembly	8 12 13 16 17 18 20 21 22 22 22 4 & 13 <b>POS.</b> A 16 2 6 6	1 1 1 1 1 1 1 1 1 3 2 2 <b>QTY</b> 1 2 4 4	3860 3357 3907 3848 3967 <b>CODE</b> 3860 3860	Mouting Rubber L26x24 H8 ID7 CRF110 Right Side Number Panel CRF110 Rear Fender Shock Guard CRF110 Left Side Number Panel CRF110 Left Side Front Panel Stealth Front Shroud Left Rear Shock Guard Connector Stealth Plastics Color Change Kits CRF110 Front & Rear Fender Kit - Black CRF110 Front & Rear Fender Kit - Black NAME Shock Guard Complete Assembly Shock Guard M6x20 Hex Flange Bolt Step Washer #8
KEB. SHOCK GUARD A - Assembly	8 12 13 16 17 18 20 21 22 22 22 4 & 13 <b>POS.</b> A 16 2 6 6	1 1 1 1 1 1 1 1 1 3 2 2 <b>QTY</b> 1 2 4 4	3860 3357 3907 3848 3967 <b>CODE</b> 3860 3860	Mouting Rubber L26x24 H8 ID7 CRF110 Right Side Number Panel CRF110 Rear Fender Shock Guard CRF110 Left Side Number Panel CRF110 Left Side Front Panel Stealth Front Shroud Left Rear Shock Guard Connector Stealth Plastics Color Change Kits CRF110 Front & Rear Fender Kit - Black NAME Shock Guard Complete Assembly Shock Guard M6x20 Hex Flange Bolt Step Washer #8
SEB. SHOCK GUARD A - Assembly	8 12 13 16 17 18 20 21 22 22 22 4 & 13 <b>POS.</b> A 16 2 6 6	1 1 1 1 1 1 1 1 1 3 2 2 <b>QTY</b> 1 2 4 4	3860 3357 3907 3848 3967 <b>CODE</b> 3860 3860	Mouting Rubber L26x24 H8 ID7 CRF110 Right Side Number Panel CRF110 Rear Fender Shock Guard CRF110 Left Side Number Panel CRF110 Left Side Front Panel Stealth Front Shroud Left Rear Shock Guard Connector Stealth Plastics Color Change Kits CRF110 Front & Rear Fender Kit - Black NAME Shock Guard Complete Assembly Shock Guard M6x20 Hex Flange Bolt Step Washer #8
SEB. SHOCK GUARD A - Assembly	8 12 13 16 17 18 20 21 22 22 22 4 & 13 <b>POS.</b> A 16 2 6 6	1 1 1 1 1 1 1 1 1 3 2 2 <b>QTY</b> 1 2 4 4	3860 3357 3907 3848 3967 <b>CODE</b> 3860 3860	Mouting Rubber L26x24 H8 ID7 CRF110 Right Side Number Panel CRF110 Rear Fender Shock Guard CRF110 Left Side Number Panel CRF110 Left Side Front Panel Stealth Front Shroud Left Rear Shock Guard Connector Stealth Plastics Color Change Kits CRF110 Front & Rear Fender Kit - Black NAME Shock Guard Complete Assembly Shock Guard M6x20 Hex Flange Bolt Step Washer #8
SEE. SHOCK GUARD A - Assembly	8 12 13 16 17 18 20 21 22 22 22 4 & 13 <b>POS.</b> A 16 2 6 6	1 1 1 1 1 1 1 1 1 3 2 2 <b>QTY</b> 1 2 4 4	3860 3357 3907 3848 3967 <b>CODE</b> 3860 3860	Mouting Rubber L26x24 H8 ID7 CRF110 Right Side Number Panel CRF110 Rear Fender Shock Guard CRF110 Left Side Number Panel CRF110 Left Side Front Panel Stealth Front Shroud Left Rear Shock Guard Connector Stealth Plastics Color Change Kits CRF110 Front & Rear Fender Kit - Black NAME Shock Guard Complete Assembly Shock Guard M6x20 Hex Flange Bolt Step Washer #8
SEB. SHOCK GUARD A - Assembly	8 12 13 16 17 18 20 21 22 22 22 4 & 13 <b>POS.</b> A 16 2 6 6	1 1 1 1 1 1 1 1 1 3 2 2 <b>QTY</b> 1 2 4 4	3860 3357 3907 3848 3967 <b>CODE</b> 3860 3860	Mouting Rubber L26x24 H8 ID7 CRF110 Right Side Number Panel CRF110 Rear Fender Shock Guard CRF110 Left Side Number Panel CRF110 Left Side Front Panel Stealth Front Shroud Left Rear Shock Guard Connector Stealth Plastics Color Change Kits CRF110 Front & Rear Fender Kit - Black NAME Shock Guard Complete Assembly Shock Guard M6x20 Hex Flange Bolt Step Washer #8
SKE. SHOCK GUARD A - Assembly	8 12 13 16 17 18 20 21 22 22 22 4 & 13 <b>POS.</b> A 16 2 6 6	1 1 1 1 1 1 1 1 1 3 2 2 <b>QTY</b> 1 2 4 4	3860 3357 3907 3848 3967 <b>CODE</b> 3860 3860	Mouting Rubber L26x24 H8 ID7 CRF110 Right Side Number Panel CRF110 Rear Fender Shock Guard CRF110 Left Side Number Panel CRF110 Left Side Front Panel Stealth Front Shroud Left Rear Shock Guard Connector Stealth Plastics Color Change Kits CRF110 Front & Rear Fender Kit - Black NAME Shock Guard Complete Assembly Shock Guard M6x20 Hex Flange Bolt Step Washer #8
SKE. SHOCK GUARD A - Assembly	8 12 13 16 17 18 20 21 22 22 22 4 & 13 <b>POS.</b> A 16 2 6 6	1 1 1 1 1 1 1 1 1 3 2 2 <b>QTY</b> 1 2 4 4	3860 3357 3907 3848 3967 <b>CODE</b> 3860 3860	Mouting Rubber L26x24 H8 ID7 CRF110 Right Side Number Panel CRF110 Rear Fender Shock Guard CRF110 Left Side Number Panel CRF110 Left Side Front Panel Stealth Front Shroud Left Rear Shock Guard Connector Stealth Plastics Color Change Kits CRF110 Front & Rear Fender Kit - Black NAME Shock Guard Complete Assembly Shock Guard M6x20 Hex Flange Bolt Step Washer #8

POS.	QTY	CODE	NAME
A		3968	Plastic Parts Complete Assembly
1	2		M6x20 Hex Flange Bolt
			Number Plate Bracket
			M6x25 Hex Flange Bolt
			Spacer Ø8.5xØ10xL16
			M6x16 Hex Flange Bolt
			M6x12 Hex Flange Bolt
			Cable Hook
5-1	1		M5x10 Hex Socket Bolt
7	2		M6 Hex Flange Nylock Nut
8	14	8	Step Washer #8
POS.	QTY	CODE	NAME
A		3915	Tank Complete Assembly
1	1	3052	Fuel Cap
2	1		M8x25 Hex Flange Bolt S10
3	2	13	Step Washer #13 L12 OD20 OD9 ID7
-			Spacer L11 OD10 ID8.5
			Flat Washer OD25 ID10
		3915	Fuel Tank CRF110
		0010	M6x25 Hex Flange Bolt S10
			M6x20 Button Head Hex Sock Bolt
9	1		Wox20 Bullon Head Hex Sock Bolt
POS.	QTY	CODE	NAME
A		3052	Fuel Cap Complete Assembly
1	1	3052	Fuel Cap
1-2	1	3914	Hose
1-1	1	21402	Seal
POS.	QTY	CODE	NAME
POS.	QTY	CODE 3051	NAME Fuel Switch Complete Assembly
	<b>QTY</b>		
A 5	1		Fuel Switch Complete Assembly M6x20 Hex Socket Bolt
A 5 5-1	1	3051	Fuel Switch Complete Assembly M6x20 Hex Socket Bolt Sping Washer M6
A 5 5-1 6	1 1 1	3051 3051A	Fuel Switch Complete Assembly M6x20 Hex Socket Bolt Sping Washer M6 Remote Fuel Switch
A 5 5-1 6 7	1 1 1 1	3051	Fuel Switch Complete Assembly M6x20 Hex Socket Bolt Sping Washer M6 Remote Fuel Switch Stone Fuel Filter
A 5 5-1 6 7 10	1 1 1 1 3	3051 3051A	Fuel Switch Complete Assembly M6x20 Hex Socket Bolt Sping Washer M6 Remote Fuel Switch Stone Fuel Filter Spring 06.3xL95
A 5 5-1 6 7 10 22	1 1 1 1 3 6	3051 3051A	Fuel Switch Complete Assembly M6x20 Hex Socket Bolt Sping Washer M6 Remote Fuel Switch Stone Fuel Filter Spring Φ8.3xL95 Wide Clip
A 5 5-1 6 7 10 22 23	1 1 1 1 3	3051 3051A	Fuel Switch Complete Assembly M6x20 Hex Socket Bolt Sping Washer M6 Remote Fuel Switch Stone Fuel Filter Spring Φ8.3xL95 Wide Clip Hose L95
A 5 5-1 6 7 10 22	1 1 1 1 3 6	3051 3051A	Fuel Switch Complete Assembly M6x20 Hex Socket Bolt Sping Washer M6 Remote Fuel Switch Stone Fuel Filter Spring Φ8.3xL95 Wide Clip
A 5 5-1 6 7 10 22 23	1 1 1 3 6 2	3051 3051A	Fuel Switch Complete Assembly M6x20 Hex Socket Bolt Sping Washer M6 Remote Fuel Switch Stone Fuel Filter Spring Φ8.3xL95 Wide Clip Hose L95
A 5 5-1 6 7 10 22 23	1 1 1 3 6 2	3051 3051A	Fuel Switch Complete Assembly M6x20 Hex Socket Bolt Sping Washer M6 Remote Fuel Switch Stone Fuel Filter Spring Φ8.3xL95 Wide Clip Hose L95
A 5 5-1 6 7 10 22 23	1 1 1 3 6 2	3051 3051A	Fuel Switch Complete Assembly M6x20 Hex Socket Bolt Sping Washer M6 Remote Fuel Switch Stone Fuel Filter Spring Φ8.3xL95 Wide Clip Hose L95
A 5 5-1 6 7 10 22 23	1 1 1 3 6 2	3051 3051A	Fuel Switch Complete Assembly M6x20 Hex Socket Bolt Sping Washer M6 Remote Fuel Switch Stone Fuel Filter Spring Φ8.3xL95 Wide Clip Hose L95
A 5 5-1 6 7 10 22 23	1 1 1 3 6 2	3051 3051A	Fuel Switch Complete Assembly M6x20 Hex Socket Bolt Sping Washer M6 Remote Fuel Switch Stone Fuel Filter Spring Φ8.3xL95 Wide Clip Hose L95
	8 POS. A 1 2 3 3-1 3-2 4 8 9 POS. A 1 1-2	2-1         1           2-2         1           3         6           4         3           5         1           5-1         1           7         2           8         14	2.1         1           2.2         1           3         6           4         3           5         1           5.1         1           7         2           8         14           8         14           9         1           1         1           3052         2           1         1           3.2         13           3.1         1           3.2         1           4         1           3.2         1           4         1           9         1           9         1           9         1           9         1           9         1           9         1           9         1           9         1           9         1           1         3052           1         1           1         3052           1.2         1         3914

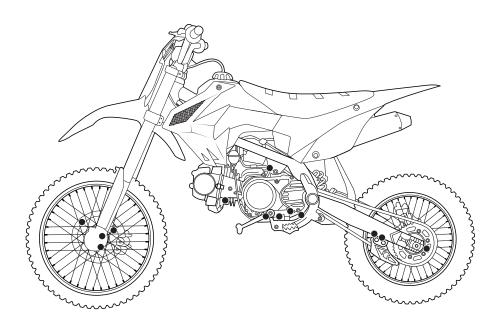
38. SEAT ASSEMBLY	POS.	QTY	3847	NAME Seat Complete Assembly
A - Assembly	A 10	1	3847	
	10 11	2	8	CRF110 Seat Grey Stripe #8 Step Wahser
	12	2	21401	M6x16mm Hex Flange Bolt
12	13	1	3056	CRF110 Seat Cover
	13	1	3030	CKF I TO Seal Gover
	<u> </u>			
io	<u> </u>			
11				
39. GRAPHIC KIT STEALTH	POS.	QTY	CODE	NAME
A - Assembly	A	1	3927-B	Graphic Kit Assembly
A - Assenibly				
1				
$ \longrightarrow  $				
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× ×				
40. STATOR	POS.	QTY	CODE	NAME
A - Assembly	A	1	3855	Stator Fenghong 50 / 70 / 125 Electric Start
A - Assembly			0070	01-1 F
	A	1	3679	Stator Fenghong 70 / 110 / 125 Kick Start
2		1	7353	Stator Zongshon 110 Electric Start
LEX-	A	1	7353	Stator Zongshen 110 Electric Start
- F				
	A A	1	7353	Stator Zongshen 110 Electric Start Stator YX 125 / 140 Kick Start
	A	1	3590	Stator YX 125 / 140 Kick Start
	A	1	3590	Stator YX 125 / 140 Kick Start
-14	A	1	3590	Stator YX 125 / 140 Kick Start
-14	A	1	3590	Stator YX 125 / 140 Kick Start
-14	A	1	3590	Stator YX 125 / 140 Kick Start
-14	A	1	3590	Stator YX 125 / 140 Kick Start
-14	A	1	3590	Stator YX 125 / 140 Kick Start
-14	A	1	3590	Stator YX 125 / 140 Kick Start
	A A	1	3590	Stator YX 125 / 140 Kick Start Stator Daytona 190
11. FORK SEAL	A	1	3590 3717 	Stator YX 125 / 140 Kick Start Stator Daytona 190 NAME
11. FORK SEAL	A A	1	3590	Stator YX 125 / 140 Kick Start Stator Daytona 190
1. FORK SEAL A - Assembly	A A	1	3590 3717 CODE 3973	Stator YX 125 / 140 Kick Start Stator Daytona 190 NAME Fork seal 33*43*10.5 and dust seal 33*43*14
11. FORK SEAL	A A	1	3590 3717 	Stator YX 125 / 140 Kick Start Stator Daytona 190 NAME
11. FORK SEAL	A A	1	3590 3717 CODE 3973 3586	Stator YX 125 / 140 Kick Start Stator Daytona 190 NAME Fork seal 33*43*10.5 and dust seal 33*43*14 Fork seal 33*46*10.8 and dust seal 33*46 *13
1. FORK SEAL	A A	1	3590 3717 CODE 3973	Stator YX 125 / 140 Kick Start Stator Daytona 190 NAME Fork seal 33*43*10.5 and dust seal 33*43*14
1. FORK SEAL	A A	1	3590 3717 CODE 3973 3586	Stator YX 125 / 140 Kick Start Stator Daytona 190 NAME Fork seal 33*43*10.5 and dust seal 33*43*14 Fork seal 33*46*10.8 and dust seal 33*46 *13 Fork seal 37*50*11 and dust seal 37*50 *13
1. FORK SEAL	A A	1	3590 3717 CODE 3973 3586	Stator YX 125 / 140 Kick Start Stator Daytona 190 NAME Fork seal 33*43*10.5 and dust seal 33*43*14 Fork seal 33*46*10.8 and dust seal 33*46*13
1. FORK SEAL	A A	1	3590 3717 CODE 3973 3586 3969	Stator YX 125 / 140 Kick Start Stator Daytona 190 NAME Fork seal 33*43*10.5 and dust seal 33*43*14 Fork seal 33*46*10.8 and dust seal 33*46 *13 Fork seal 37*50*11 and dust seal 37*50 *13
11. FORK SEAL	A A	1	3590 3717 CODE 3973 3586 3969	Stator YX 125 / 140 Kick Start Stator Daytona 190 NAME Fork seal 33*43*10.5 and dust seal 33*43*14 Fork seal 33*46*10.8 and dust seal 33*46 *13 Fork seal 37*50*11 and dust seal 37*50 *13
11. FORK SEAL	A A	1	3590 3717 CODE 3973 3586 3969	Stator YX 125 / 140 Kick Start Stator Daytona 190 NAME Fork seal 33*43*10.5 and dust seal 33*43*14 Fork seal 33*46*10.8 and dust seal 33*46 *13 Fork seal 37*50*11 and dust seal 37*50 *13
A - Assembly	A A	1	3590 3717 CODE 3973 3586 3969	Stator YX 125 / 140 Kick Start Stator Daytona 190 NAME Fork seal 33*43*10.5 and dust seal 33*43*14 Fork seal 33*46*10.8 and dust seal 33*46 *13 Fork seal 37*50*11 and dust seal 37*50 *13
11. FORK SEAL	A A	1	3590 3717 CODE 3973 3586 3969	Stator YX 125 / 140 Kick Start Stator Daytona 190 NAME Fork seal 33*43*10.5 and dust seal 33*43*14 Fork seal 33*46*10.8 and dust seal 33*46 *13 Fork seal 37*50*11 and dust seal 37*50 *13
A - Assembly	A A	1	3590 3717 CODE 3973 3586 3969	Stator YX 125 / 140 Kick Start Stator Daytona 190 NAME Fork seal 33*43*10.5 and dust seal 33*43*14 Fork seal 33*46*10.8 and dust seal 33*46 *13 Fork seal 37*50*11 and dust seal 37*50 *13
A - Assembly	A A	1	3590 3717 CODE 3973 3586 3969	Stator YX 125 / 140 Kick Start Stator Daytona 190 NAME Fork seal 33*43*10.5 and dust seal 33*43*14 Fork seal 33*46*10.8 and dust seal 33*46 *13 Fork seal 37*50*11 and dust seal 37*50 *13
A - Assembly	A A	1	3590 3717 CODE 3973 3586 3969	Stator YX 125 / 140 Kick Start Stator Daytona 190 NAME Fork seal 33*43*10.5 and dust seal 33*43*14 Fork seal 33*46*10.8 and dust seal 33*46 *13 Fork seal 37*50*11 and dust seal 37*50 *13
A - Assembly	A A	1	3590 3717 CODE 3973 3586 3969	Stator YX 125 / 140 Kick Start Stator Daytona 190 NAME Fork seal 33*43*10.5 and dust seal 33*43*14 Fork seal 33*46*10.8 and dust seal 33*46 *13 Fork seal 37*50*11 and dust seal 37*50 *13
A - Assembly	A A	1	3590 3717 CODE 3973 3586 3969	Stator YX 125 / 140 Kick Start Stator Daytona 190 NAME Fork seal 33*43*10.5 and dust seal 33*43*14 Fork seal 33*46*10.8 and dust seal 33*46 *13 Fork seal 37*50*11 and dust seal 37*50 *13

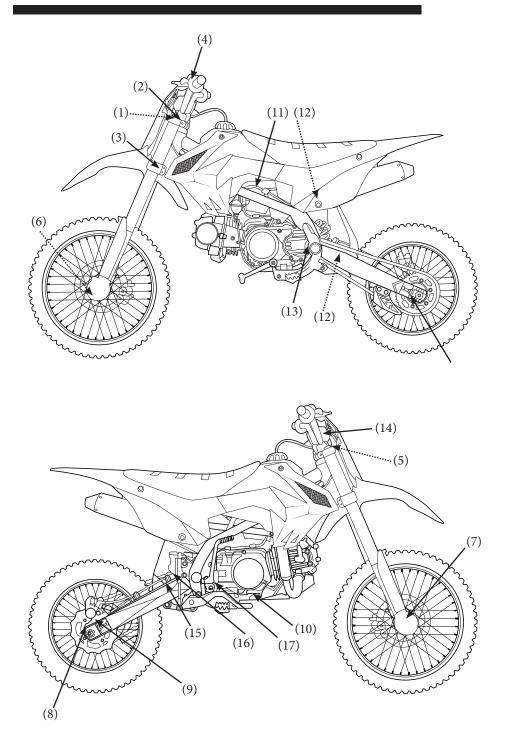
#### **USE BLUE MEDIUM STRENGTH THREAD LOCK GLUE**



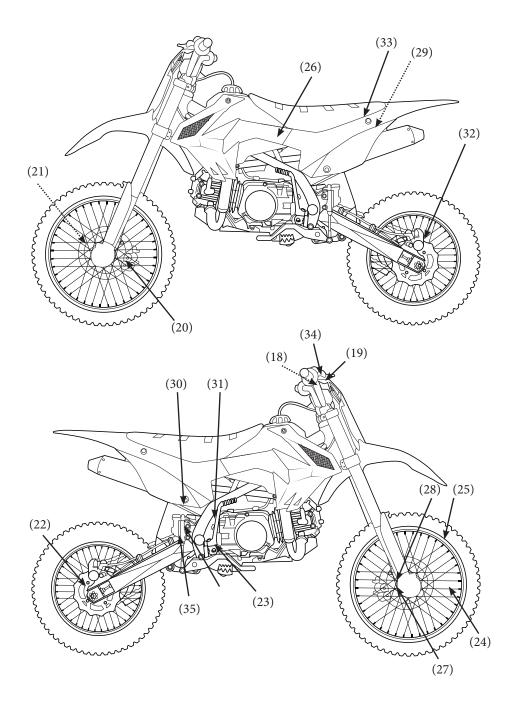
Put glue on tip of the bolt for glue to work correctly.







	ITE	M		TORQUE	
			lbf.ft	N.m	kgf.m
	FRAME				
1	Steering stem nut		80	108	11.0
2	Fork bridge upper	pinch bolts	16	22	2.2
3	Fork bridge lower pinch bolts		15	20	2.0
4	Handlebar upper h	nolder bolts	16	22	2.0
5	Handlebar holder	nuts	32	44	4.5
6	Front axle nut		65	88	9.0
7	Front axle pinch b	olts	15	20	2.0
8	Rear axle nut		94	128	13.1
9	Chain adjuster loc	k nuts	20	27	2.8
10	Mid engine hanger	r bracket nut	47	64	6.5
11	Upper engine hanger plate nuts	(engine side)	40	54	5.5
		(frame side)	25	34	3.5
12	Shock	(upper)	32	44	4.5
	absorber	(lower)	32	44	4.5
13	Swingarm pivot nu	ıt	65	88	9.0
14	Fork	(fork damper)	25	34	3.5
		(fork cap)	22	30	3.1
15	Rear shock arm	(swingarm side)	39	53	5.4
	nuts	(shock link side)	39	53	5.4
16	Rear shock link nu	its	39	53	5.4
17	Kickstarter arm bo	olt	28	38	3.9



	ITEN	1		TORQUE	
			lbf.ft	N.m	kgf.m
	FRAME				
18	Front brake master	cylinder holder	7	9.9	1.0
	bolts				
19	Brake hose bolts		25	34	3.5
20	Caliper mounting bolts		19	30	3.1
21	Front brake disc nuts		12	16	1.6
22	Rear brake disc nut	12	16	1.6	
23	Brake pedal pivot bolt		27	36	3.7
24	Spoke	(front)	2.7	3.68	0.4
		(rear)	2.7	3.7	0.4
25	Rim locks	•	9	12	1.2
26	Subframe bolts	(upper)	22	30	3.1
		(Iower)	36	49	5.0
27	Fork center bolt	С. С.	51	69	7.0
28	Fork protector bolts		5.2	7	0.7
29	Muffler	(right)	19	26	2.7
	mounting bolts	(left)	19	26	2.7
30	Exhaust joint pipe r	nounting bolt	19	26	2.7
31	Exhaust joint pipe c	lamp bolt	15	21	2.1
32	Driven sprocket nut	CS	24	32	3.3
33	Seat mounting bolts	}	19	26	2.7
34	Front brake reservo	ir cap screws	0.7	1.0	0.1
35	Rear brake reservoi	r cap bolts	0.7	1.0	0.1

\*Maintenance Tip:

Use a paint marker reference pen to reference mark each bolt after checking the torque settings.





(Bolt is loose)





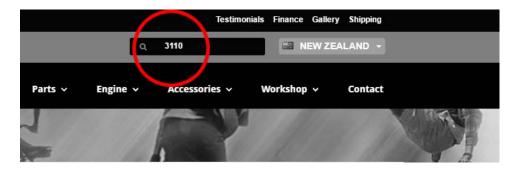
This will ensure you can visually check each bolt is tight at the track.

#### **Parts Finder**

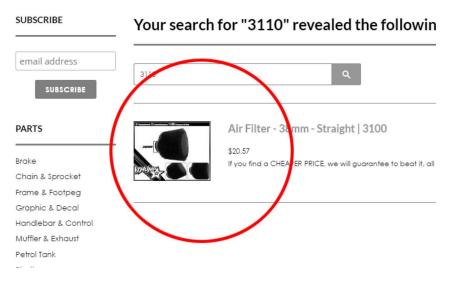
Finding Parts at our website

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.

#### Disclaimer

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.

NAME OF SERVICE PERSON	DATE OF SERVICE	HOURS OF SERVICE	SIGNATURE
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#### SERVICE MANUAL

\*For more information on service go on page 37.

#### **Title Ownership**

NAME	BUYER SIGNATURE	SELLER SIGNATURE	DATE OF PURCHASE



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