

OWNERS MANUAL

PAH110-2R, PAH125-8S: Should not be ridden by anyone under 6 years of age.

PAH125-8E: Should not be ridden by anyone under 10 years of age.

Please note that this is a general manual, so the style of the ATV that you have may differ from the picture shown in this manual.

Original instructions

Please read this owner's manual carefully before using this product! This is very important! This manual is for the driver's safety, and vehicle's maintenance!

If the rider is without safety awareness or driving experience, please only operate under adult supervision for your safety!

Do not lend the vehicle to others who do not know how to properly operate. Please observe all local law restrictions and regulations.

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Safety Warning:

1. This vehicle is not a toy.
2. Riders under 16 years old must use this product under adult's supervision.
3. Children must be well-trained/educated before driving. This is very important.
4. Be sure of children's riding ability to AVOID INJURY.
5. Children/Rider must read and understand the manual and the importance of warnings on the manual.
6. User must read the owner's manual carefully and understand the content of the manual.
7. Incorrect operation of this ATV can result serious injury or even death.
8. **Age limit warning.** Check with manufacturer for age limit.
9. This product is intended for **OFF-ROAD** use. Please get off the vehicle and physically walk with it when crossing ALL roads.
10. Never ride with more than one person.
11. Never attempt to operate this vehicle while under the influence of alcohol, or drugs to avoid injuries or death.
12. Do not drive at excessive speeds. Please control the speed.
13. The vehicle is not allowed to be used during adjustments or maintenance period.
14. Always be sure the vehicle is in a good condition before using it.
15. Do not modify the vehicles or change the spare parts. This is unsafe and illegal.
16. The acceleration settings on the vehicle have been set. Do not adjust it; adjusting it may result in serious injuries and or death.
17. For your safety always wear a safety helmet, gloves, protection gear and footwear when riding.
18. It is important to read all training materials, and learn the operation skills necessary before use.
19. Learn all local laws and regulations of ATV driving from your local Dealership.
20. **Caution:** It's easy to be burned by brakes and exhaust after using the vehicle for a long time. Allow to cool.
21. Although this vehicle has safety measures, Injury can still occur.

Please read the warning labels on the vehicle carefully, and understand them fully.

1. Warning caution label includes important safety information.
2. User must understand the content of labels completely, and carry out.
3. Make sure all the labels are put on the vehicles already.
4. When finding the labels are not clear or fall off, please ask dealers for them to install on the vehicle to ensure the integrity of all the labels.

Compliance with the laws and directives:

2006/42/EC	MACHINERY DIRECTIVE
2004/108/EC	EMC DIRECTIVE
97/68/EC	ENGINE POLLUTANT DIRECTIVE

Assembling guide:

1. Place packing box on a flat ground, then open it.(with scissors or cutter)
2. Use 10# open-end wrench and 6# Allen wrench to open the packing metal.

1st step: Please install steering linkages, tighten nut with 25N.m force, and adjust the balance of the left and the right.

2nd step: Please install rear shock absorbers, and tighten nuts on both sides with 25N.m force.

3rd step: Please install the front tires (make the tread pattern and cycle valve outside), and tighten nuts with force between 35N.m ~ 45N.m.

4th step: Please install the rear tires (make the tread pattern and cycle valve outside), and tighten nuts with force between 50N.m - 60N.m.

5th step: Please install handlebar (adjust to proper angles), and tighten nuts with force between 15N.m - 25N.m.

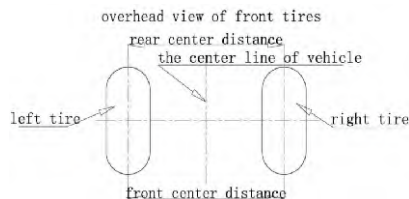
6th step: Please install bumper and accessories, and tighten nuts with force between 15N.m - 25N.m.

7th step: Connect battery cables. When you connect battery cables, electric lock is in the "OFF" position. **Install Positive Battery cable first, then negative. Disassembly is opposite.**

If you fail to understand the instruction, please contact your local retailer, and get a professional inspection/Instructions.

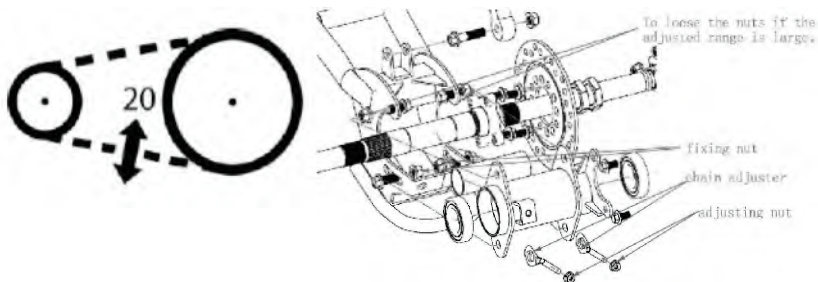
Loading Adjustment (This step should be checked regularly to ensure safety and convenience):

Check the toe-in of front tire; make sure the front center distance is 5-10mm shorter than the rear center distance.

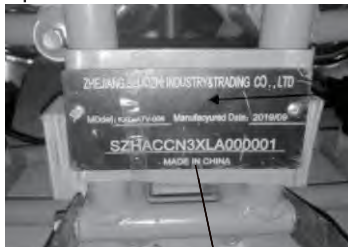


Make sure the connection is "ON", and no part is "OFF" So the vehicle can be started at any time.

Adjust the Chain: Use the index finger, to press lightly the middle position between power output sprocket and rear sprocket. The best condition should be pressed 15mm to 20mm. If it is not in this range, please adjust the chain adjuster. (Please note: The chain adjuster should be adjusted at the same time to ensure the balance of both sides). To loosen the fasten nuts of chain adjuster first unscrew or tighten nuts to the best condition. Finally, tighten the nuts of chain adjuster.



The position of the VIN:



VIN number



Engine number

Key switch:







The key switch is on the right side of the vehicle, front, indicating "OFF" and "NO".

"OFF" condition: Key can be taken out. Light cannot be turned on (if light available); engine cannot be started.

"ON" condition: Key cannot be taken out. When engine is being started, headlight can be turned on (if headlight available).

Function Switch:

Functional switch is on left side of handlebar, which consists of horn, start, headlight, flame-out function.

1. Electric horn button . When key switch is on, press it, and then it rings.
2. Start horn button: Red, . Press it to start the vehicle (when brake hand is ready).
3. Headlight button:  'near light';  'distance light'.
4. Turn-off switch:  "turn off"  "turn on".

Charger (optional)

1. The input voltage is 220V, or 110V (the same as voltage in local place), and output voltage is 12V.
2. When the vehicle is charging, the indicator light turns red. When the vehicle is fully charged, the indicator light turns green.

Burglar alarm (optional):

1. The input voltage is 12V.

Anti-theft function: Press the "lock" key, vehicle is in alerting condition.

2. Keyless function: Don't need to turn on the key switch. Press the "start" button twice continuously, and then operate the vehicle.

3. Tele-control stop function: With the keyless function used first, press the "unlock" button within distance of remote control, the power of vehicle will be turn off)

(Please note: This function is ineffective if vehicle is to be turned by key switch).

Emergency turn off stop switch:

This feature is installed in the left side of the rear frame, or on the left handlebar. Pull or press down the switch, the engine will stop.

The emergency rope should be fastened on the driver, the vehicle will stop automatically when the driver gets off the seat or by pulling down the rope.

Tire and Tire gauge:

Tire: The proper tire pressure can provide the maximum stability and comfortableness.

Check and adjust the tire pressure regularly, to make sure the pressure is set to psi specs.

To find the tire size and standard pressure, please check parameter list and warning label on the vehicle. To find the "Load-bearing" and "speed grade", please check the tire surface.

1. Check tire pressure and condition before driving. Please replace tire if there's any of the following conditions: broken, stabbing, or rim is out of shape. **(Please seek assistance from a qualified technician or local retailer for replacement.)**

2. Improper tire pressure will result in road hazard. Over inflated tires can cause a flat tire. Under inflated tires can cause tire relaxation or even dropping, and resulting in losing control of the vehicle.

3. When the tire-tread is over 2mm, please replace with a new tire. **(Please seek assistance from a qualified technician, or local retailer for replacement.)**

Tire gauge (optional): Manufacturer will provide to customers, to measure the tire pressure.

Measure method: Unscrew valve cap, then press it toward the valve cap with tire gauge. The measured value is tire pressure. Replace the valve cap after measuring.

Operating:

Inspection before riding:

Idling inspection:

1. Stabilize the vehicle, shake it up and down to inspect the swing arm and fork condition, to make sure it moves normally, and without interference.

2. Check whether the front and rear the shock absorber is deformed or has any leakage.

3. Check whether the front suspension and the rear flat fork are fastened in place.

4. Hold the vehicle when checking to prevent fall/damage or Injuries.

5. Repair and replace parts immediately when worn.

6. Contact an Authorized dealer when the when you need repairs made.

Front brake inspection:

Check whether the front brake installation is firm to ensure brakes are functioning properly.

1. Front brake handle is mounted on the right side.

2. The brake is working well if backward movement of the brake handle is in the top 20-30mm.

3. Check if the tire rotation is good after releasing the brake lever.

4. Contact an Authorized dealer if you need maintenance on brakes.

5. This unit has a front brake lock. Use it when parking your unit.

Rear brake inspection:

Check whether the rear brake installation is firm, to ensure brakes are functioning properly.

1. The rear brake is mounted on the left, or on the right foot.

2. The brake is working well if backward movement of the brake handle is in the top 20-30mm or downward movement of the top of the foot brake lever 20-30mm.

3. Put the brake lever or foot brake lever back into place quickly, and check if the tire rotation is good when the force is removed.

4. Contact an Authorized dealer when you need maintenance on brakes.

5. Inspect the brake shoe regularly, and replace in a timely manner if it is worn for best operational safety.

6. Be careful when checking brake fluid. Wear proper protective gloves as fluid can irritate skin. If brake fluid comes into contact with skin, flush your skin with water, and seek medical attention if/when necessary.

7. The rear brake lever is used with parking feature as well. Use it when parking your unit.

Battery Check (if available):

The battery of this vehicle is maintenance free.

1. Check whether battery joint is tight. If there are parts broken, please change it immediately.
2. Do not put the battery in the trash; follow local disposal/recycle instructions.
3. Do not charge the battery until it is out of power.
4. When the vehicle is stored for extended periods, check the electric quantity every 3 weeks.

Charge it when below 12V.

5. When charging, using or storing the battery, do not put it upside down. Always keep it right side up.

Tool bag inspection:

Check for tool bag every time before riding.

The tool bag is equipped with some professional tools. You can use it when needed.

Self-protection inspection:

Self-protection inspection guarantees the safest ride, and life safety. Please wear protective clothing/gear correctly to ensure your safety.

Protective clothing consists of these parts below:



! Every check/inspection step above is necessary, there is danger existing when driving. Please use the above inspection process before driving. Strictly Operating in accordance with the standard when driving will best protect you. The warning stickers put on the surface of vehicle includes important safety information. User must fully understand and comply. Failure to do so can cause the extreme injury and even death if not followed.

Starting:

Following the steps below to start the engine:

1. Park the vehicle on a flat ground.
2. Turn on the key switch to "ON" position. Make sure it's well connected.
3. If the engine doesn't start, please open the choke valve first. Try again. Close the choke valve, when the engine runs steady.
3. At the beginning, turn the throttle slowly.

Training:

Inexperienced people may not understand the importance of this information, so "Training" will be necessary.

Advice: Learn from local professional institution or the retailer.

The way you Operate and drive unit in the first or second weeks, may affect the unit's future performance. Please keep this in mind.

During this period, do not turn the throttle into maximum, or alter the speed often.

After training period, maintain the vehicle according to maintenance advised above.

Keep the vehicle in good condition.

Improper operation will result in vehicle damages, and can result in serious injuries and or death.

If the driver is without safety awareness, or driving experience, please only operate under adult supervision.

Riding:

Before driving, please review the important safety driving instructions.

1. Pay attention to the working condition of the brakes always.
2. Driving with only one hand is dangerous and forbidden.
3. Turn the throttle slowly. Never turn it suddenly.
4. Release the throttle and use the brake, to make it slow down.
5. Make sure both the front brake and the rear brake work at the same time when braking. Never force too hard, as it will reduce the functional life of the brakes.
6. Do not make dangerous movements while driving to ensure safety.

Parking:

1. Turn back the throttle and brake at the same time.
2. Turn the key to "OFF" position when the vehicle stops, then take out the key.
3. Parking function is recommended at this moment to avoid sliding.

Cleaning:

After every ride, the driver should clean the vehicle. Place it on flat ground to clean, and then check.

1. High pressure air or water will harm the vehicle. Do not use it.
2. Do not splash water on these parts: key switch, cables, and battery.
3. Carefully wash the vehicle with clean water, avoiding getting battery, any cables, or key switch wet.
4. Do not turn on the key switch immediately after cleaning.
5. Chain should be daubed with lubricating grease.

Storage:

The quality will be affected if you do not use the vehicle for a long time.

Before storage, vehicle must be checked to ensure it is in a good condition.

1. Check the weight of vehicle from the parameter list.
2. Clean up the vehicle, and then wax its surface.
3. Turn off the key switch
4. Clean the chain, and then lubricate it.
5. Lubricate all the cable parts.
6. Place the vehicle well-packed in a cool ventilated place to avoid damp and sun exposure.

Transport:

This is a process of transporting the well-packed vehicle.

1. Check the weight of vehicle from the parameter list.
2. Ensure the package well protects the vehicle.
3. Ensure the vehicle is properly secured on the trailer or forklift.
4. Handle with care.

Delivery:

This is the process of delivering the well-packed vehicle.

1. Check the weight of vehicle from the parameter list.
2. Ensure the vehicle is placed normally. Do not turn it upside down or lay on side.
3. Ensure the vehicle is properly secured on the trailer or forklift.
4. Handle with care.

Maintenance:

Inexperienced people may not understand the importance of this information, so "Training" will be necessary. For more details, please contact your local retailer.

Necessary maintenance is important to ensure the vehicle is kept in good condition.

Engine maintenance: After every use, please close the switch of carburetor and oil-way. Release the rest oil. This is very important. If not do it accordingly, the vehicle will not be easily started after it has been stored for a long time, or carburetor will leak.

In order to maintain its good performance, the motorcycle should be checked and maintained at a certain interval. The significance of the capital letters in the following table is as follows: I: Inspections, including maintenance, cleaning, lubricating, refueling, repair or replacement if necessary A: Adjustment C: Clean R: Replace T: Tighten Up

Maintenance period Items	Odometer (km)						
	750	3000	6000	9000	12000	15000	Everyday Check before Riding
Engine Oil	R	R	R	R	R	R	
Valve Gap							
Spark plug							
Idle Speed							
Engine Bolt					I		
Oil Filter			R		R		
Fuel Filter		C	R	C	R	C	
Air Cleaner		C	R	C	R	C	
Drive Chain		ⅡL	ⅡL	Ⅲ	ⅡL	ⅡL	
Cooling System		I			I		
Throttle Operation							
Brake System							
Brake Liquid							
Nuts, Bolts, Fasteners							

The position of spare parts, parameter, Electrical diagram, age warning and other

GENERAL WARNING

Improper ATV use can result in SEVERE INJURY or DEATH.



- ALWAYS** use an APPROVED helmet and Protective Gear
- NEVER** operate:
- Without proper training or instruction.
 - At speeds too fast for your skills or weather conditions.
 - On public roads - a collision can occur with another vehicle.
 - With a passenger. Passengers affect balance and steering, and increase risk of losing control.
- ALWAYS:**
- Use proper riding techniques to avoid vehicle overturns on hills, rough terrain, during turns.
 - Avoid paved surfaces - pavement may seriously affect handling and control.

LOCATE AND READ OWNER'S MANUAL
FOLLOW ALL INSTRUCTIONS AND WARNINGS.

- * **ATV TYPE:** Type A Category "A" Youth Model. This ATV is for recreational use only. Do not operate on public roads.
 - * **No operator** under age 6.
 - * **Operator only:** no passengers.
 - * **Training** courses to teach ATV riding are available.
 - * For information contact your dealer.
 - * **Never** operate on public roads, rough terrain or under the influence of alcohol or drugs.
 - * This hanging tag is not to be removed before sale.
- THIS HANG TAG MAY ONLY BE REMOVED BY THE CONSUMER AFTER THE VEHICLE HAS BEEN PURCHASED.



ATV Rider Course Necessary:

- * Your Own ATV (unless other prior arrangements have made)
- * A motorcycle helmet (DOT approved)
- * Off-highway goggles or a face shield
- * Over-the-ankle boots (over-the-calf boots are preferred)
- * ATV or motorcycle gloves
- * Long pants and Long-sleeved shirt (jacket optional)

For riders younger than 16, a parent or guardian should be present at the training site. For riders younger than 12, a parent must be present during the entire course.



Consumer Emissions Information Hang Tag

Manufacturer's Name: Zhejiang Shaozhi Industrial & Trading Co., Ltd.

Vehicle Type: All-Terrain Vehicle

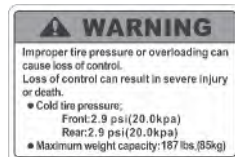
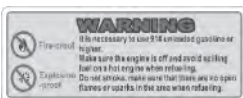
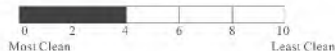
Vehicle Model Name: KXD-ATV-001A ☐ KXD-ATV-003A ☐

KXD-ATV-004A ☐ KXD-ATV-006A ☐ KXD-ATV-009A ☐

DYNO ☐ DYNO R ☐ RANGER ☐

Engine Description: 107 cc, 4-stroke, Air-cooled, Carburetor

NER 4.0



MADE IN CHINA



Max Load: 5KG

GENERAL WARNING

Improper ATV use can result in SEVERE INJURY or DEATH.



- ALWAYS** use an APPROVED helmet and Protective Gear
- NEVER** operate:
- Without proper training or instruction.
 - At speeds too fast for your skills or weather conditions.
 - On public roads - a collision can occur with another vehicle.
 - With a passenger. Passengers affect balance and steering, and increase risk of losing control.
- ALWAYS:**
- Use proper riding techniques to avoid vehicle overturns on hills, rough terrain, during turns.
 - Avoid paved surfaces - pavement may seriously affect handling and control.

LOCATE AND READ OWNER'S MANUAL
FOLLOW ALL INSTRUCTIONS AND WARNINGS.

Zhejiang Shaozhi Industrial & Trading Co., Ltd. is the sole manufacturer of the KXD-ATV-001A, KXD-ATV-003A, KXD-ATV-004A, KXD-ATV-006A, KXD-ATV-009A, DYNO, DYNO R, and RANGER.

This vehicle is approved under the U.S. Department of Transportation's (DOT) safety standards.



Signal Words

The meaning of the different signal words as defined by the ANSI Z535.6 and ANSI Z535.4 standards may be provided in collateral materials. The following artwork may be used for this purpose.



DANGER indicates a hazardous situation which, if not avoided, will result in death or serious injury.



WARNING indicates a hazardous situation which, if not avoided, could result in death or serious injury.



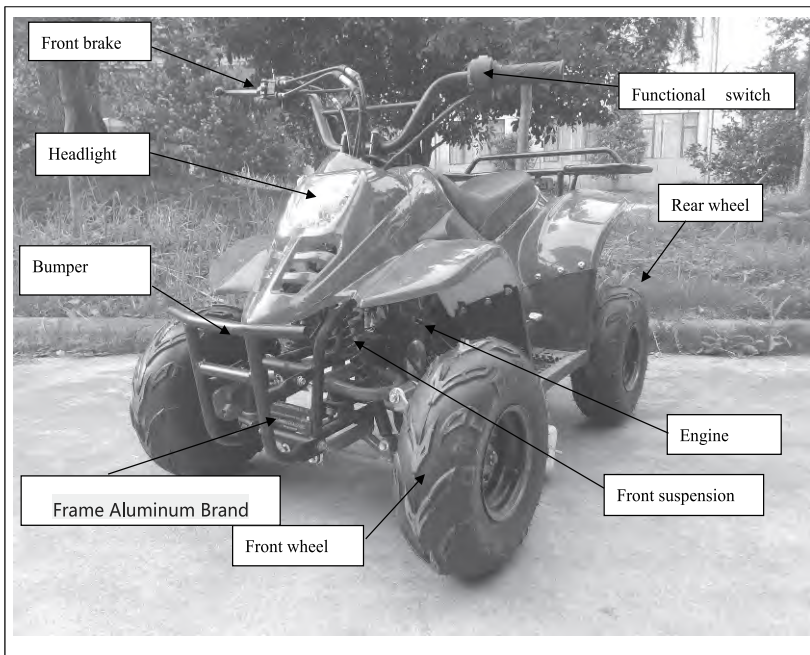
CAUTION, used with the safety alert symbol, indicates a hazardous situation which, if not avoided, could result in minor or moderate injury.




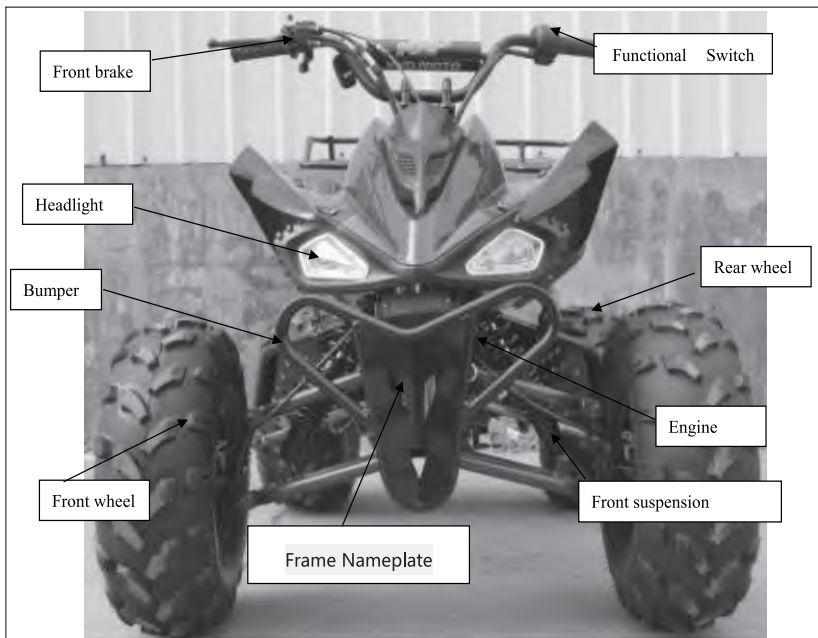
NOTICE is used to address practices not related to personal injury.



CAUTION, used without the safety alert symbol, is used to address practices not related to personal injury.

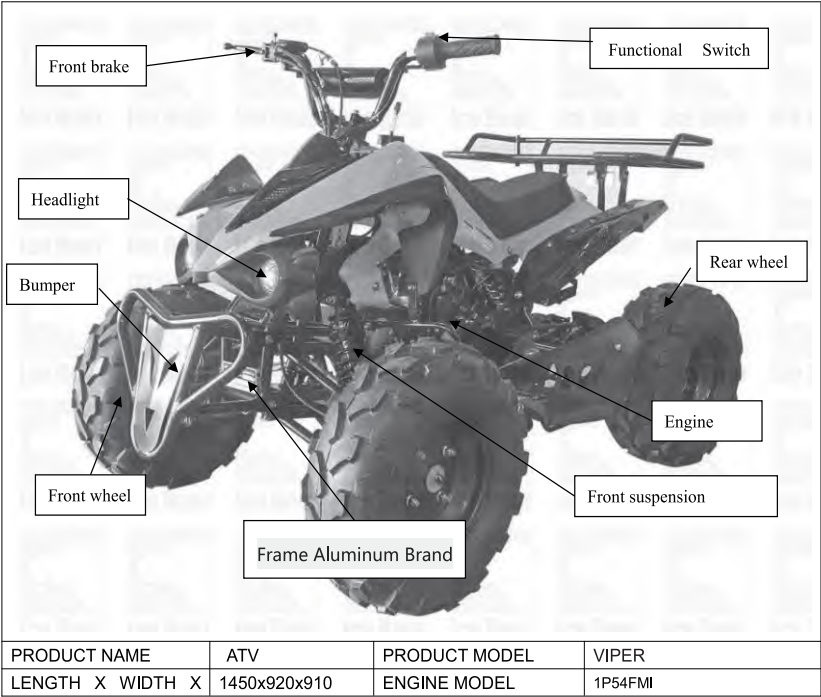


PRODUCT NAME	ATV	PRODUCT MODEL	DYNO	DYNO R (Reverse gear)
LENGTH X WIDTH X HEIGHT (mm)	1230x745x830	ENGINE MODEL	1P52FMH	
AXLE BASE (mm)	780	BORE×STROKES	52.4x49.5	
WHEEL BASE (mm)	550	CYLINDER WORKING VOLUME ml	107	
MIN GROUND CLEARANCE (mm)	115	COMPRESSION RATE	9.7: 1	
TURNING CIRCLE DIAMETER (mm)	2800	UNLOADING AND ROTATE SPEED(r/min)	1500±10 % r/min	
DRY WEIGHT (kg)	69	RATED POWER Kw(r/min)	4.9/8000±100	
THE WEIGHT OF FULL FURNISHMENT (Kg)	71	MAXIMUM TORQUE N.m(r/min)	6.9/6000±100	
RATED LOAD QUALITY (kg)	60	CARBURETOR TYPE	PLUNGER TYPE	
MAXIMUM SPEED (Km/h)		CLUTH TYPE	AUTO MULTI-DISC WET CLUTCH	
OIL TANK CAPACITY (L)	2L	SPARK PLUG TYPE	A7RTC	
FRONT/REAR SHOCK ABSORBER TYPE	HYDRAULIC SPRING ABSORBER	EXHAUST SILENCE TYPE	IMPEDANCE COMPLEX EXHAUST MUFFLER	
FRONT/REAR BRAKE OPERATE TYPE	F: DRUM R: DISC	STARTING MODE	ELECTRIC START	
FRONT/REAR BRAKE OPERATION MODE	F: BY HAND R: BY HAND	IGNITION MODE	C.D.I	
FRONT/REAR TIRE SPECIFICATION	F: 145/70-6 R: 145/70-6	DRIVE MODE	CHIAN DRIVE	
FRONT/REAR TIRE PRESSURE	F: 2.9psi R: 2.9psi	LUBRICATION MODE	PRESSURE & SPLASH LUBRICATION	
FRONT/REAR TIRE RIM TYPE	F: STEEL WHEEL R: STEEL WHEEL	COOLING MODE	AIR-COOLED	
HEADLIGHT PECIFICATION	12V 18W	FUEL BRAND	≥90#	
PRIMARY REDUCTION RATIO	3.720/4.058	MIXTURE RATIO OF FUEL OIL &LUBRICANT OIL	/	
FINAL REDUCTION RATIO	2.64	LWA dB(A)	78	
DRIVE RATIO	10.72	VIBRATION(m/s ²)	1.0	



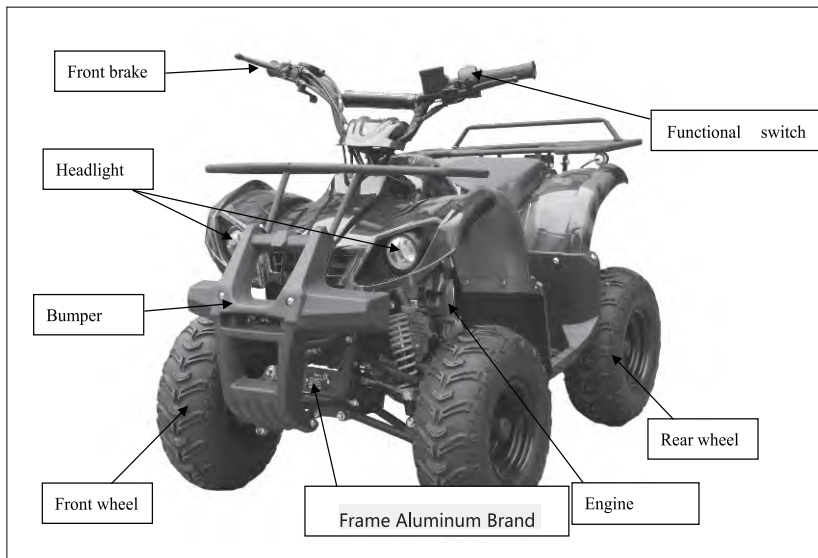
PRODUCT NAME	ATV	PRODUCT MODEL	RAZOR
LENGTH X WIDTH X HEIGHT (mm)	1450x920x910	ENGINE MODEL	1P54FMI
AXLE BASE (mm)	970	BORE×STROKES	52.4x57.8
WHEEL BASE (mm)	700	CYLINDER WORKING VOLUME ml	124.6
MIN GROUND CLEARANCE (mm)	220	COMPRESSION RATE	10:1
TURNING CIRCLE DIAMETER (mm)	3600	UNLOADING AND ROTATE SPEED(r/min)	1500±10 % r/min
DRY WEIGHT (kg)	96	RATED POWER Kw(r/min)	5.2/8000±100
THE WEIGHT OF FULL FURNISHMENT (Kg)	98	MAXIMUM TORQUE N.m(r/min)	7/6000±100
RATED LOAD QUALITY (kg)	60	CARBURETOR TYPE	PLUNGER TYPE
MAXIMUM SPEED (Km/h)	■	CLUTH TYPE	AUTO MULTI-DISC WET CLUTCH
OIL TANK CAPACITY (L)	2	SPARK PLUG TYPE	A7RTC
FRONT/REAR SHOCK ABSORBER TYPE	HYDRAULIC SPRING	EXHAUST SILENCE TYPE	IMPEDANCE COMPLEX EXHAUST MUFFLER

	ABSORBER		
FRONT/REAR BRAKE OPERATE TYPE	F: DRUM R: DISC	STARTING MODE	ELECTRIC START
FRONT/REAR BRAKE OPERATION MODE	F: BY HAND R: BY HAND	IGNITION MODE	C.D.I
FRONT/REAR TIRE SPECIFICATION	F: 19x7-8 R: 18x9.5-8	DRIVE MODE	CHIAN DRIVE
FRONT/REAR TIRE PRESSURE	F: 2.9psi R: 2.9psi	LUBRICATION MODE	PRESSURE & SPLASH LUBRICATION
FRONT/REAR TIRE RIM TYPE	F: STEEL WHEEL R: STEEL WHEEL	COOLING MODE	AIR-COOLED
HEADLIGHT PECIFICATION	12V 18W	FUEL BRAND	≥90#
PRIMARY REDUCTION RATIO	3.720/4.058	MIXTURE RATIO OF FUEL OIL &LUBRICANT OIL	/
FINAL REDUCTION RATIO	2.64	LWA dB(A)	78
DRIVE RATIO	10.72	VIBRATION(m/s ²)	1.0



PRODUCT NAME	ATV	PRODUCT MODEL	VIPER
LENGTH X WIDTH X	1450x920x910	ENGINE MODEL	1P54FMI

HEIGHT (mm)			
AXLE BASE (mm)	970	BORE×STROKES	52.4x57.8
WHEEL BASE (mm)	700	CYLINDER WORKING VOLUME ml	124.6
MIN GROUND CLEARANCE (mm)	220	COMPRESSION RATE	10:1
TURNING CIRCLE DIAMETER (mm)	3600	UNLOADING AND ROTATE SPEED(r/min)	1500±10 % r/min
DRY WEIGHT (kg)	96	RATED POWER Kw(r/min)	5.2/8000±100
THE WEIGHT OF FULL FURNISHMENT (Kg)	98	MAXIMUM TORQUE N.m(r/min)	7/6000±100
RATED LOAD QUALITY (kg)	60	CARBURETOR TYPE	PLUNGER TYPE
MAXIMUM SPEED (Km/h)	■	CLUTH TYPE	AUTO MULTI-DISC WET CLUTCH
OIL TANK CAPACITY (L)	2	SPARK PLUG TYPE	A7RTC
FRONT/REAR SHOCK ABSORBER TYPE	HYDRAULIC SPRING ABSORBER	EXHAUST SILENCE TYPE	IMPEDANCE COMPLEX EXHAUST MUFFLER
FRONT/REAR BRAKE OPERATE TYPE	F: DRUM R: DISC	STARTING MODE	ELECTRIC START
FRONT/REAR BRAKE OPERATION MODE	F: BY HAND R: BY HAND	IGNITION MODE	C.D.I
FRONT/REAR TIRE SPECIFICATION	F: 19x7-8 R: 18x9.5-8	DRIVE MODE	CHIAN DRIVE
FRONT/REAR TIRE PRESSURE	F: 2.9psi R: 2.9psi	LUBRICATION MODE	PRESSURE & SPLASH LUBRICATION
FRONT/REAR TIRE RIM TYPE	F: STEEL WHEEL R: STEEL WHEEL	COOLING MODE	AIR-COOLED
HEADLIGHT PECIFICATION	12V 18W	FUEL BRAND	≥90#
PRIMARY REDUCTION RATIO	3.720/4.058	MIXTURE RATIO OF FUEL OIL &LUBRICANT OIL	/
FINAL REDUCTION RATIO	2.64	LWA dB(A)	78
DRIVE RATIO	10.72	VIBRATION(m/s ²)	1.0



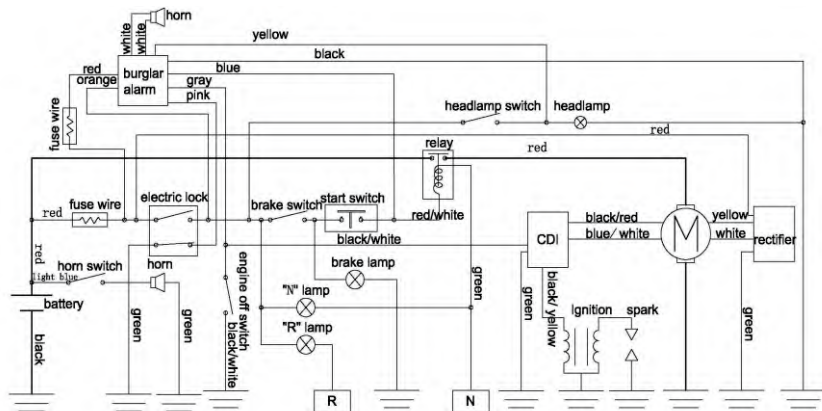
PRODUCT NAME	ATV	PRODUCT MODEL	RANGER
LENGTH X WIDTH X HEIGHT (mm)	1400x920x920	ENGINE MODEL	1P52FMH
AXLE BASE (mm)	900	BORE×STROKES	52.4x49.5
WHEEL BASE (mm)	575	CYLINDER WORKING VOLUME ml	107
MIN GROUND CLEARANCE (mm)	160	COMPRESSION RATE	9.7: 1
TURNING CIRCLE DIAMETER (mm)	3160	UNLOADING AND ROTATE SPEED(r/min)	1500±10 % r/min
DRY WEIGHT (kg)	105	RATED POWER Kw(r/min)	4.9/8000±100
THE WEIGHT OF FULL FURNISHMENT (Kg)	118	MAXIMUM TORQUE N.m(r/min)	6.9/6000±100
RATED LOAD QUALITY (kg)	60	CARBURETOR TYPE	PLUNGER TYPE
MAXIMUM SPEED (Km/h)	21.6	CLUTH TYPE	AUTO MULTI-DISC WET CLUTCH
OIL TANK CAPACITY (L)	2L	SPARK PLUG TYPE	A7RTC
FRONT/REAR SHOCK ABSORBER TYPE	HYDRAULIC SPRING ABSORBER	EXHAUST SILENCE TYPE	IMPEDANCE COMPLEX EXHAUST MUFFLER
FRONT/REAR BRAKE OPERATE TYPE	F: DRUM R: DISC	STARTING MODE	ELECTRIC START

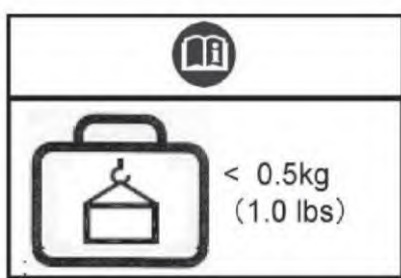
FRONT/REAR BRAKE OPERATION MODE	F: BY HAND R: BY HAND	IGNITION MODE	C.D.I
FRONT/REAR TIRE SPECIFICATION	F: 16x8-7 R: 16x8-7	DRIVE MODE	CHIAN DRIVE
FRONT/REAR TIRE PRESSURE	F: 2.9psi R: 2.9psi	LUBRICATION MODE	PRESSURE & SPLASH LUBRICATION
FRONT/REAR TIRE RIM TYPE	F: STEEL WHEEL R: STEEL WHEEL	COOLING MODE	AIR-COOLED
HEADLIGHT PECIFICATION	12V 18W	FUEL BRAND	≥90#
PRIMARY REDUCTION RATIO	3.720/4.058	MIXTURE RATIO OF FUEL OIL &LUBRICANT OIL	/
FINAL REDUCTION RATIO	2.64	LWA dB(A)	78
DRIVE RATIO	10.72	VIBRATION(m/s ²)	1.0

PRODUCT NAME	ATV		PRODUCT MODEL	SPARTAN7	SPARTAN8
LENGTH X WIDTH X HEIGHT (mm)	1400x920x920		ENGINE MODEL	1P54FMI	
AXLE BASE (mm)	SPARTA N7	SPARTA N8	BORE×STROKES	52.4x57.8	
	900	910			

WHEEL BASE (mm)	575		CYLINDER WORKING VOLUME ml	124.6
MIN GROUND CLEARANCE (mm)	160		COMPRESSION RATE	10:1
TURNING CIRCLE DIAMETER (mm)	3160		UNLOADING AND ROTATE SPEED(r/min)	1500±10 % r/min
DRY WEIGHT (kg)	SPARTA N7	SPARTA N8	RATED POWER Kw(r/min)	5.2/8000±100
	105	110		
THE WEIGHT OF FULL FURNISHMENT (Kg)	118	123	MAXIMUM TORQUE N.m(r/min)	7/6000±100
RATED LOAD QUALITY (kg)	60		CARBURETOR TYPE	PLUNGER TYPE
MAXIMUM SPEED (Km/h)	Spartan 7: 16km/h Spartan 8: 24km/h		CLUTH TYPE	AUTO MULTI-DISC WET CLUTCH
OIL TANK CAPACITY (L)	2		SPARK PLUG TYPE	A7RTC
FRONT/REAR SHOCK ABSORBER TYPE	HYDRAULIC SPRING ABSORBER		EXHAUST SILENCE TYPE	IMPEDANCE COMPLEX EXHAUST MUFFLER
FRONT/REAR BRAKE OPERATE TYPE	F: DRUM R: DISC		STARTING MODE	ELECTRIC START
FRONT/REAR BRAKE OPERATION MODE	F: BY HAND R: BY HAND		IGNITION MODE	C.D.I
FRONT/REAR TIRE SPECIFICATION	SPARTA N7	SPARTA N8	DRIVE MODE	CHIAN DRIVE
	F: 16x8-7	19x7-8		
	R: 16x8-7	18x9.5-8		
FRONT/REAR TIRE PRESSURE	F: 2.9psi R: 2.9psi		LUBRICATION MODE	PRESSURE & SPLASH LUBRICATION
FRONT/REAR TIRE RIM TYPE	F: STEEL WHEEL R: STEEL WHEEL		COOLING MODE	AIR-COOLED
HEADLIGHT PECIFICATION	12V 18W		FUEL BRAND	≥90#
PRIMARY REDUCTION RATIO	3.720/4.058		MIXTURE RATIO OF FUEL OIL & LUBRICANT OIL	/
FINAL REDUCTION RATIO	2.64		LWA dB(A)	78
DRIVE RATIO	10.72		VIBRATION(m/s ²)	1.0

CIRCUIT DIAGRAM





ANNEX | Emission Related Parts List

Engine Family: ■HALX, 125NC1

Impoeter: Pacific Rim International West Inc.

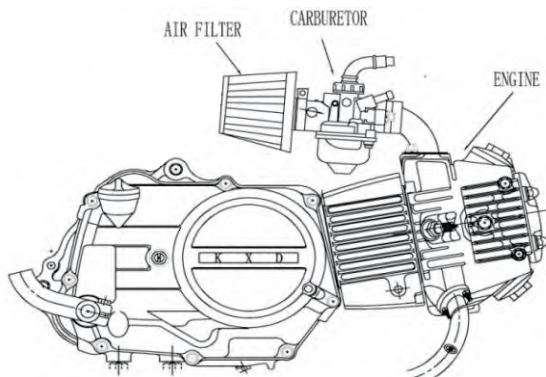
Manufacturer: ZHEJIANG SHUOZHI INDUSTRIAL & TRADING CO.,LTD.

Model Numbers:

DYNO	DYNO R	RAZOR	VIPER	RANGER	SPARTAN7	SPARTAN8
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Part Nomenclature	Part Manufacturer Name	Part Number
Cabureter	Fujian Jingke Technology Co., Ltd.	PZ20
CDI(ECU)	Chongqing Pioneer Yuzhou Electric Co., Ltd	K125-02
Coil	Chongqing Pioneer Yuzhou Electric Co., Ltd	K125-10
Spark Plugs	Zhuzhou Torch Spark Plug Co.,Ltd	A7RTC
Fuel Tank Gasket	The exposed surface area is less than 1000mm ²	
Fuel Tank	Zhejiang ShuoZhi Industrial And Trading Co.,Ltd	K125-03
Fuel Tank Cap Cover	Yongkang QiJiu Vehicle Parts Co., Ltd	K125-04
Air Cleaner	Yongkang Jiangnan air filter factory	K125-05
Fuel Line	Hangzhou Rewin Vehicle Parts CO., Ltd	Q-08-005

ANNEX || Crankcase Exhaust Gas Recovery Device



ANNEX III Emission Control System Warranty-off road

Pacific Rim Int'l West Inc- EMISSION CONTROL SYSTEM WARRANTY

YOUR WARRANTY RIGHTS AND OBLIGATIONS

The emission control system warranty period for this vehicle begins on the date the vehicle is delivered to the ultimate purchaser and each subsequent purchaser other than an authorized dealer, or the date it is first used as a demonstrator, lease, or company vehicle, whichever comes first and continues for **5,000 km or 30 months**, whichever comes first, provided there has been no abuse, neglect or improper maintenance of your vehicle. **Where a warrantable condition exists, the dealer will repair your vehicle at no cost to you,** including diagnosis, parts and labor. If an emission-related part on your vehicle is defective, the part will be repaired or replaced by the dealer. This is your emission control defects warranty.

OWNER'S WARRANTY RESPONSIBILITIES

As the vehicle owner, you are responsible for the performance of the required maintenance. You should maintain a record of all maintenance performed on your vehicle and retain all receipts covering maintenance on your vehicle. You may not be denied a warranty claim solely because of your failure to ensure the performance of all scheduled maintenance or lack of maintenance records or receipts. You are responsible for presenting your vehicle to an authorized dealer as soon as a problem exists. The warranty repairs should be **completed in a reasonable amount of time, not to exceed 30 days.**

As the vehicle Owner, you should be aware that you may be denied your warranty coverage if your vehicle or A part has failed due to abuse, neglect, improper maintenance, or unapproved modifications.

WARRANTY COVERAGE

The Importer warrants to the ultimate purchaser and each subsequent purchaser that the new 2021 vehicle, including all parts of its Emission-control system, meets two conditions:

- It is designed, built, and equipped so as it conforms at the time of sale to the ultimate purchaser with the Applicable requirements of the United States Environmental Protection Agency; and
- It is free from defects in material and workmanship that may keep it from meeting these requirements.

Your emission control system warranty covers components whose failure would increase an engine's transmission: including electronic controls, fuel injection system, carburetor, the ignition system, catalytic converter, or any other system utilized in this vehicle to control emission if it is originally equipped. Also included may be hoses, connectors and other emission-related assemblies. Replacing or repairing other components (including parts, labor, and other costs) not covered by this emission control system warranty or the standard warranty is the responsibility of the owner.

Coverage of repairs under this warranty applies only when repairs are completed at an authorized dealer or Repair facility. The importer will not cover repairs performed outside of an authorized dealer or repair facility, except in an emergency situation. The use of replacement parts not equivalent to the original parts may impair the effectiveness of your vehicle's emission control system. If such a replacement part is used and an authorized dealer determines it is defective or causes a failure of a warranted part, your claim for repair to bring your vehicle into compliance with applicable standards, may be denied.

If an emergency situation exists when a warranted part or a dealer is not reasonably available to the owner, repairs may be performed at any available service establishment, or by the owner, using any replacement parts. The importer shall reimburse the owner for the cost of parts, diagnosis, labor, not to exceed the importer's suggested retail price for all warranted parts replaced and labor charges based on the importer's recommend time allowance for the warranty repair and the geographically appropriate hourly labor rate. The owner may reasonably be required to keep receipts and failed parts in order to receive compensation.

This Emission Control System Warranty is in addition to the standard Limited Warranty.

LIST OF EMISSION RELATED PARTS

Part	Part Number	Part Manufacturer
Fuel Tank	K125-03	Zhejiang Shuozhi Industrial & Trading Co., Ltd.
Fuel Tank Cap	K125-04	Yongkang Qijiu Vehicle Parts Co., Ltd.
Carburetor Assembly	PZ20	Fujian Jingke Technology Co., Ltd.
CDI	K125-02	Chongqing Pioneer Yuzhou Electric Co., Ltd.
Coil	K125-10	Chongqing Pioneer Yuzhou Electric Co., Ltd.
Soak Plug	A7RTC	Zhuzhou Torch Spark Plug Co., Ltd.
Air Cleaner	K125-05	Yongkang Jianan Air Filter Factory

EXCLUSIONS AND LIMITATIONS

This warranty does not cover the following:

- Failures or malfunctions of the emission control systems caused by abuse, alteration, accident, misuse, the use of leaded gasoline.
- Replacement of expendable maintenance items unless they are original equipment defective in material or workmanship under normal use, and the first required replacement interval for the item has not been reached. Expendable maintenance items include but not limited to spark plugs, filters, coolant, lubricants, gaskets, hoses and belts.
- Replacement of parts and other service and adjustments for required maintenance.
- Any vehicle equipped with an odometer or hour meter where the reading is altered so that actual mileage cannot be readily determined.
- Repairs or replacement as a result of:
 - ✧ Accident
 - ✧ Misuse
 - ✧ Use of replacement parts or accessories not conforming to the original specifications which adversely affect performance
- Physical damage, corrosion, or defects caused by fire, explosions or similar causes beyond the control of the importer
- Failures not caused by a defect in material or workmanship.

Use of the vehicle in any type of competitive racing or related events immediately and completely voids this and all other warranties.

CONTACT

No dealer is authorized to modify this Emission-Related Warranty. If you have any questions regarding your warranty rights and responsibilities, you should contact Pacific Rim at 10580 Mulberry Ave, Fontana, CA 92337 (Phone: 909-823-2903).

GENERAL WARNING

Improper ATV use can result in SEVERE INJURY or DEATH.



ALWAYS
use An
APPROVED
Helmet and
Protective
Gear



NEVER
use ON
PUBLIC
ROADS



NEVER carry
PASSENGERS



NEVER use
while using:
DRUGS,
OR ALCOHOL

NEVER operate:

- Without proper training or Instruction.
- At speeds too fast for your skills or weather conditions.
- On public roads - a collision can occur with another vehicle.
- With a passenger. Passengers affect balance and steering, and Increase risk of losing control.

ALWAYS:

- Use proper riding techniques to avoid vehicle overturns on hills, rough terrain, during turns.
- Avoid paved surfaces - pavement may seriously affect handling and control.

LOCATE AND READ OWNER'S MANUAL
FOLLOW ALL INSTRUCTIONS AND WARNINGS.