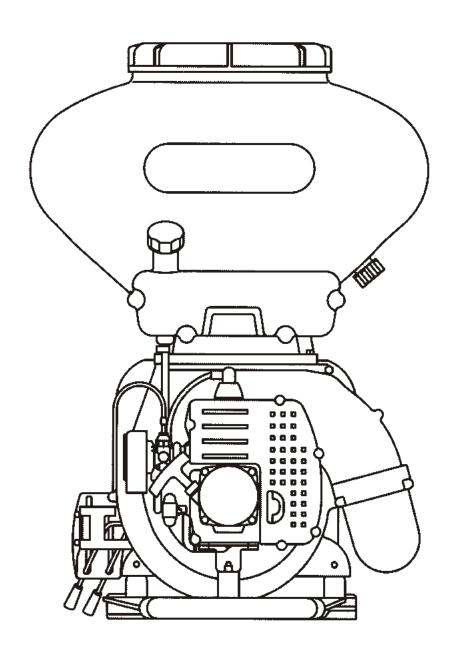
KNAPSACK MIST-DUSTER USER'S MANUAL

MODEL:3WF-3A



Warning to Users

- 1. The gasoline engine must use mixed fuel with volume rate of 30:1 for No.90 gasoline to two-stroke automobile oil.
- 3 to 5 minutes' low speed rotation after start and before stop is very necessary. In order to prevent damage of some parts or body harm caused by violent movement of the engine.
- high-speed rotation without load must be prohibited! It is strictly prohibited to stop the engine suddenly at high speed.
- 4. When adding fuel, the engine should stop, fire sources must be far away and smoking is prohibited.
- 5. In order to avoid electric shock, do not touch the cap of spark plug and the conducting wire during the rotation of the engine.
- 6. The surface of the muffler and the cylinder is very hot, so neither the hands nor the body approaches them. Especially children should be far away from the engine.

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SAFETY PRECAUTION



The use of the machine may be hazardous. The impeller rotating in the volute case may be cut you if you try to touch it. It is important that you read, fully understand the following safety precautions and warning.



Do not lend or rent your sprayerduster without the Owner's Manual. Be sure that anyone using your sprayer-duster reads and understands the information contained in this manual.

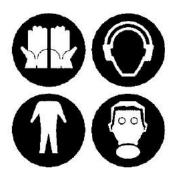
Safe use of a sprayer-duster:

1. The operator

The operator must be in good physical condition and mental health.

Following personnel can't use the machine.

- (1) Mental patients.
- (2) Drunk.
- (3) Under age or old person.
- (4) Person who have just exercised strenuously or slept not enough.
- (5) Tired person or patient and others who can't operate the machine normally.
- (6) Person with no knowledge of the machine.



2. Proper clothing

To reduce the risk of injury, the operator should wear proper protective apparel.

- •Clothing and gloves must be wear to avoid contacting pesticide .
- Wear glasses and gauze mask to protect your eye and; Wear the gauze mask to prevent from poisoning
- The machine noise may damage your hearing, so wear ear mufflers to protect your hearing.
- Pay attention to wear a face mask to protect against dust and pesticide.

3. The use of the machine Starting engine

- (1) Put the dust gate handle to the lowest position before starting the engine, otherwise chemical will be jetted when starting engine.
- (2) Be sure nobody stands in front of nozzle, even though dust gate closed, residual dust in pipe will be blown out.

Spray operation

- (1) It is fine to carry out operation during cool weather with little wind. For example, in the early morning or in the late afternoon. This can reduce the evaporation and drift of chemicals and improve the protecting effect.
- Operator should move windward.
- (3) If your mouth or eyes are spattered with chemicals, wash them with clean water and go to see a doctor.
- (4) If the operator has a headache or dizziness, stop working at once and go to see a doctor in time.
- (5) For the operator's safety, dusting must be carried out strictly according to the instruction of the chemicals and agricultural requirements.
- (6) If you want to stop the engine while dusting, the dust gate must be shut at first..

Fueling



Your sprayer-duster uses oilgasoline mixture. You must avert

- •Do not smoke or bring any fire or flame near the fuel or the sprayerduster.
- •Never refuel the machine when it is hot or running.
- •Never pour fuel on the machine. If you do ,be sure clean them off.

Warning



Never to touch the muffler, spark plug, or other metallic parts of the engine while the engine is in operation or immediately after shutting down the engine. These metallic parts reach high temperatures during operation and doing so could result in serious burns.



After working, wash your hands and clean all of clothing. You know that the remaining pesticide can stain what you touch.

1. Technical Specification

Name	Specification
L×W×H (mm)	500×420×690(14L):500×420×735(20L):500×420×800(26L)
Net Weight (kg)	10.5(14L):11(20L):11.5(26L)
Capacity of tank(L)	14:20:26
Fan speed(r/min)	7500-8000
Spray(kg/min)	≥4
Dust(kg/min)	>6
Horizontal spraying(m)	> 11
Droplets mean diameter(µm)	≤120
Fuel Type	Gasoline/Oil Mixture 30:1
Engine model	1E40FP-3Z
Specified power(kW/r/min)	2.13/7500
Way of ignition	CDI
Way of starting	Recoil starting
Way of stopping	Shutting throttle fully

2. Main Application

3WF-3A Knapsack Mist-Duster is one kind of portable, flexible and efficient machinery for plant protection. It is mainly used in prevention and cure of diseases and pests of plants such as cotton, rice, wheat, fruit trees, tea trees, banana trees, etc. It can also be used for chemical weeding, epidemic prevention, sanitation protection in cities, vegetable protection, etc.

3. Main Features

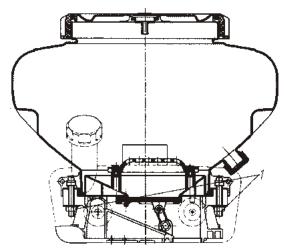
- 3.1 This machine adopts gear structure to decrease speed, so it is very durable.
- 3.2 The main part is the plunger pump of two directions' type. The structure is simple and compact, so it is easy for the maintenance.
- 3.3 This machine has high pressure, big flow and good efficiency, so the protection effect is very obvious.
- 3.4 The main spraying parts are three nozzles, which are developed

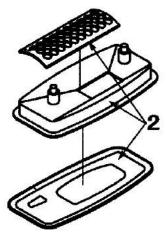
and only adopted by our factory in our country. So the spraying range is wide.

4. Assembly for varieties of operating condition

(1) Assembly for spraying

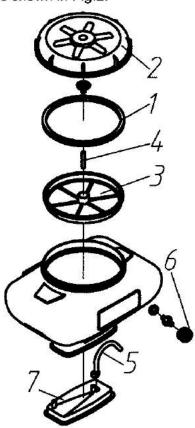
a.Remove the tow wing nuts fixed on the chemical tank and take down the tank. Change dusting lid plate for spraying lid plate, then assemble the chemical tank and screw down wing nuts as shown in Fig.1.





1.Nut 2.Dusting Plate Fig 1

b. Assembly in chemical tank Remove the lower cover of chemical tank, change into the pressing lid which is connected with rubber tube (do not forget to put on the sealing ring, as Fig. 3.). Connect the lid to the rubber tube as shown in Fig. 2.



1.Sealing washer 2.Lid 3.Filter net 4.Tube 5.Rubber tube 6.Lower lid 7.Spraying plate Fig 2

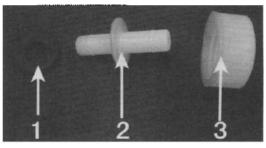
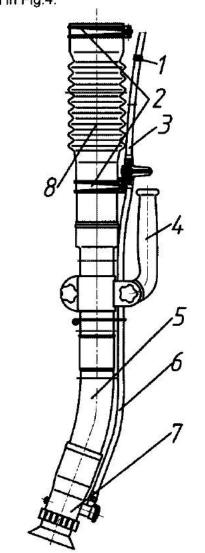


Fig 3

c.Connect spraying pipe to the machine as shown in Fig.4.

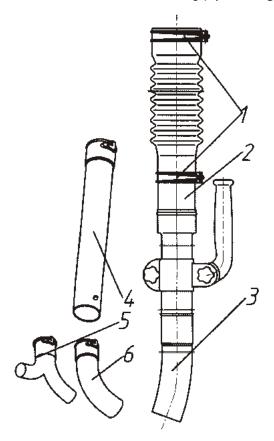


1.Clip(A) 2.Clip(B) 3.Plastic tube 4.Handle 5.Bentpipe 6.Plastic pipe 7.Nozzle 8.Hose

Fig 4

(2) Assembly for dusting

Remove the chemical tank, take down the inlet rubber tube, outlet rubber tube, suction strainer, spraying lid plate, pressing lid and union, change for lower lid of chemical tank, then connect the dusting pipe as Fig. 5.



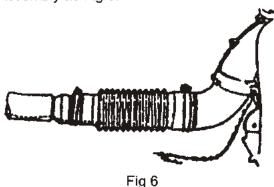
1.Clip 2.Connector 3.Bentpipe 4.Connecting pipe 5.Y-pipe 6.L-pipe Fig 5

(3)Anti-electrostatic installation

Dusting or spreading granules chemical may cause the electrostatics, that is related to the factors, such as the kind of chemicals, air temperature, air humidity, etc. In order to prevent ectrostatics, please use the attachment-insurance chain. When the air becomes dryer, the electrostatic is more serious, in particular when the long membranous tube for dusting and granules spreading is used, electrostatic will often happen. Please pay attention.

One end of insurance chain is inserted into jet pipe, vibrated freely and touched to the ground. Connect another end with conducting wire, then fix conducting wire and insurance chain on bend pipe by screw.

Assembly as Fig.6.



5. Rotation

(1)Check

- a. Checking whether the spark plug and all the connection are tightened.
- b. Checking whether the cooling air channel is clogged. If so, the engine will be over heated.
- c.Checking whether the air filter is dirty. If so, the dirt will reduce the amount of air drawn in. So the engine doesn't run well and waste fuel.
- d.Check whether the gap of the sparking plug is $0.6 \sim 0.7$ mm.
- e.Pull the starter 2 or 3 times, check whether it rotates normally.

(2)Fueling

- a. The fuel for this machine is a mixture of gasoline No.70 or No.90 and 2-stroke oil. The ratio between them is determined by the oil instruction. Incorrect gasoline, oil and mixture may damage the engine.
- b. Never fuel the engine when it is hot or running.
- c.When fuel, never take away the strainer.
- (3)Adding chemical
- a.During spraying operatin, while adding chemical, the switch must be shut, see Fig.7.During dusting operation, dusting valve throttle and fuel lever should be on the bottom position, other-wise, the machine will have chemical out.

b.As powder chemical can easily become block,so the chemicals should not be in the chemical tank for a long time.

c.While spraying, the chemical tank lid should be turned on tightly. After adding powder chemical, please clean the screw of the chemical tank mouth, then turn on the lid tightly.

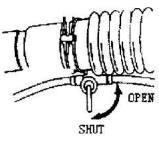
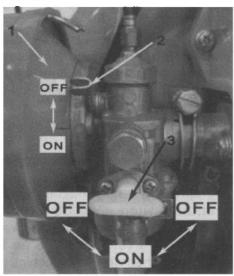


Fig 7

(4)Colding starting

Please operate according to the following procedures:

- a. Turn on the fuel switch, see Fig 8.
- b.Put the fuel lever on the starting position.
- c.Put the choker on the full position.
- d.Pull the starter for a few times and have it returned slowly.Do not leave the handle to return freely to avoid the damage of the starter.
- e.Close the choker and pull starter handle until the engine fires.
- f.After starting the engine, open choker fully. g.Let the engine run at low speed for 2-3 minutes, then start the spraying or dusting operation.



1.Air filter 2.Choke handle 3.Fuel switch

Fig 8

(5)Starting the warm engine

a.Leave the choker fully open.

b.If the engine draws in too much fuel.Leave the fuel switch fully close,pull the starter 5-6 times.Then start the engine as above.

(6)Speed adjustment

Speed does not meet the fixed number with the fuel lever at the working positon or the engine can not stop with the handle at the lowest position. Regulate as the following.

a. Loosen the lock nut.

b.Turn the regulating screw right to decrease the speed.Otherwise,to increase the speed. c.After adjustment is finished,tighten the lock nut.

See Fig.9.

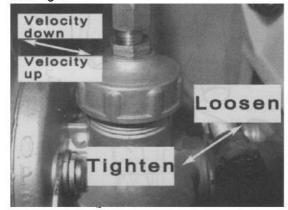


Fig 9

(7)Stopping the engine

a. During misting operation turn off the chemical switch first, then stop the machine.

b. During dusting operation, put the fuel lever and dusting lever at the close position.

c.After finish work,turn off the fuel switch in order to avoid difficult start next time.

Note: While the engine is running, the hose must be mounted to the machine, otherwise , cooling air will be reduced and the engine may be damged.

6.Misting/Dusting

(1)Misting.Loosen the pressing lid,regulate the length of the nozzle opening to meet the different requirments of misting. Turn the regulating valve to change the amount of misting. See Fig. 10.

Opening	Discharging(L/min)
1	1
2	1.5
3	2
4	3

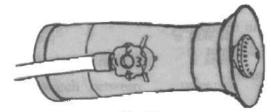


Fig 10

(2)Dusting.Regulate the discharge by shifting the dust rod's position in the three holes of the rock-arm.See Fig.11 and Fig.12.



Fig 11

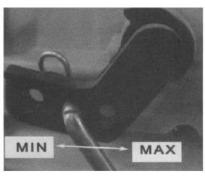


Fig 12

7.Safety

- (1)Read this manual carefully. Be sure you understand how to operate this machine properly before you use it.
- (2)Protective clothing (Fig. 13)
- a. Wear flanged cap.
- b.Wear dirt/fog-proof glasses.
- c.Wear gauze mask.
- d.Wear long gloves.
- e. Wear coat guarding against poisons.
- f.Wear boots.
- (3) Following personnel can not use the machine.
- a.Mental patients.
- b.Drunk.
- c.Under age or old person.
- d.Person with no knowledge of the machine.
- e.Dog-tired person or patient and others who can not operate the machine normally.
- f.Person who have just exercised strenuously or slept not enough.
- g.Women giving the breasr to baby or being pregnant.

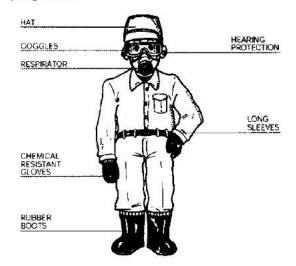


Fig 13

- (4)Avert fire
- a.Do not fire or smoke nearby the machine.
- b. Never fefuel the machine when it is hot or running.
- c.Never pour fuel on the machine when it is hot or running.
- d.Always tighten the fuel tank lid.
- e.Always move at least 10 feet away from the fuel container before starting the machine.

(5)Stating engine(Fig 14)

a.Put the dust gate handle to the lowest position before starting the engine, otherwise chemicals will be jetted when starting engine.

b.It is prohibited to stand in front of nozzle. Even though dust gateis closed, residual dust in pipe will be blown out.

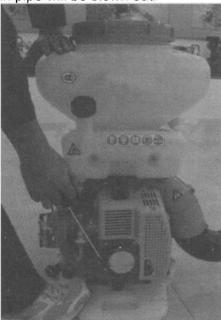


Fig 14

(6)Misting/Dusting

a.It is fine to carry out operation during cool weather with little wind. For example, in the early morning or in the late afternoon, this can reduce the evaporation and drift of chemicals and improve the protecting effect. b.Operator should move windward.

c.Review area to be cleared. Look for potential hazards such as stones or metal objects. Spectators and fellow workers must be warned, and children and animals prevented from coming nearer than 15m while the blower is in use. Do not point the blowy pipe at people or animals.

d.If your mouth or eyes are spattered with chemicals, wash them with clean water and then go to see the doctor.

e.If the operator has a headache or dizziness, stop working at once and go to see a doctor in time.

f.For the operator's safety, misting/dusting must be carried out strictly according to the

instruction of the chemicals and agricultural requirements.

8. Troubles and Remedies

(1)Engine starts difficultly or can not start. Cherk if the sparking plug has sparked-over. Screw down the sparking plug,put the side pole to touch the cylinder. Pull the starter and watch between the poles of sparking plug whether there are sparks. Pull the starter carefully,do not touch the metal part of sparking plug for prevention of getting an electric shock as shown in Fig. 15.

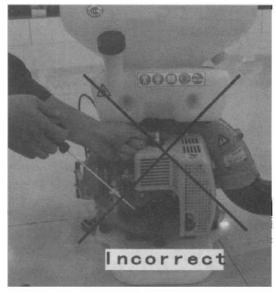


Fig 15

	TROUBLE	CAUSE	REMEDY
		1.Poles wet	Dry it
		2.Covered with carbon	Clean the carbon
	Spark plug	3.The insulation damaged	Replace
		4.Spark gap incorrect	Adjust 0.6~0.7mm
No flash		5.The poles burned	Replace
		1.The wrap of wire damaged.	Remedy or replace
	Monnoto	2.Insulation of coil bad	Replace
	Magneto	3.The wire of cail broken.	Replace
		4.The electronic firing unit defective	Replace
	Compression ratio and	1.Too much fuel in cylinder	Drain
	fueling well	2.Water or dirt in fuel	Replace
	Fueling well but	1.Cylinder and piston ring wore or tore	Replace them
Normal	compression ratio bad.	2.The plug loose	Tighten it
		1.No fuel in tank	Fuel
	Carburetor not fueling	2.Fileter gauze clogged	Clean
		3.The air hole of the tank clogged	Clean

(2)Engine lacks power

TROUBLE	CAUSE	REMEDY
	The filter plate clogged	Clean
	2.Air passes through the	Tighten
The compression ratio is fine	connection of carburetor	
The compression ratio is line	3.Engine overheat	Stop the engine and cool it
	4.Water in fuel	Refill with fresh fuel
	5.The carbon clogs muffler	Clean
	1.Mixed gas (fuel) thin	Adjust the carburetor.
	2. Cylinder covered with carbon	Clean
Engine overheats	3.Oil bad	Use 2-T engine oil and adjust the mix ration.
	4.No connection with hose	Correctly assemble the machine
	1.Fuel bad	Replace
Engine noisy or knocking	2.Carbon in cylinder	Clean
Lingine noisy of knocking	3.The running parts wore and	Check and replace
	tore.	

(3)Engine stops while running

TROUBLE	CAUSE	REMEDY
	1.The lead wire of plug loose	Replace firmly
Engine stone suddenly	2.Piston bitten	Change or remedy
Engine stops suddenly	3.Plug covered with carbon	Clean plug
	4.Fuel used up	Fill the fuel tank
	1.Carburetter clogged	Clean
The engine stops slowly	2.The air hole in the tank clogged	Clean
	3.Water in fuel	Refill with fresh fuel

(4)Engine hard to stop

TROUBLE	CAUSE	REMEDY
Throttle handle put to the lowest position, the engine still runs.	The throttle cord is short or piston of carburetter blocked.	Adjust the cord or remedy the carburetter.

(5)Dusting

TROUBLE	CAUSE	REMEDY
	1.The dust gate can not be	Adjust the pull rod of the dust
	opened.	gate
	2.The tank lid not tightened	Tighten the tank lid
No dust discharge or discharge intermittently	The dust or granule mix with foreign body.	Clean it
	4.The dust or granule lumped.	Break the lump
	5.Wet dust or granule	Dry it
	6.The granules is too big	Change the granules
	1.The dust gate can't closed	Clean it
The dust gate not work properly	The dust gate clogged by foreign matter	Tighten it
	1.the clamp plate of the chemical tank bottom loosened	Tight it
Leakage of dust	The sealing gasket of the dusting lid damaged	Change it with new one
	The O-sealing ring of the elbow damaged	Change it with new one
The discharge rate out of control	The control device of dust gate not work properly	Remedy it

(6)Spraying

TROUBLE	CAUSE	REMEDY
No aprov mivturo ist or ist	Nozzle switch or control valve clogged	Clean
No spray mixture jet or jet intermittently	2.Liquid lead pipe clogged.	Clean it
intermittently	3.No pressure or the pressure	Tighten the tank lid and screw
	is lower	down the two wing nuts.
Spray mixture leakage	The spraying lid plate fitted incorrect	Refit it
	2.Every threaded joint loosened	Screw down it

9.Technical Maintenance and Deposit for a Long Time

(1)Spraying units

a.Clean out any residual spray mixture or dust in the chemical tank and all other parts after operation with clean water and dry it.

b.Clean the dust gate and chemical tank inside and outside after dusting.

c.Loosen the chemical tank lid while the machine free.

d.Let the machine run at a low speed 2-3 minutes after cleaning.

(2)Fuel system maintenance

a. Water or dirt in fuel is one of the main cause of the engine trouble, clean the fuel system regularly.

b.Residual fuel remaining in the fuel tank and carburetor for long time will gum and clog the fuel system, thus cause the engine not to working properly. So all of the fuel should be discharged if the machine isn't used after one week.

(3) Air filter and plug.

a.Clean the filter after every day operation. Dirt adhering to sponge reduces the engine power.

b.Dry filter before reinstalling.

c.Clean stains or carbon off the spark plug and adjust spark gap to 0.6~0.7mm.

d.The plug model of this machine is 4106J. Do not use other models. If it is nechssary for change.may buy it from local agricultural department or plant protection department. as shown in Fig.16.

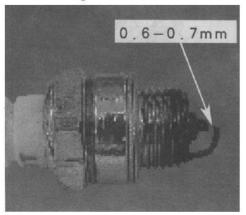


Fig 16

Note:

a)The work including maintenance, cleaning and adjusting must be done after stopping the machine and out of the danger range.

b) When maintenance, the discharge spout can't be award to the maintenance man.

c)Please periodic check the braces situation. Without delay replace the wornout braces.

(4)Long time storage

a.Clean the machine and apply antirust oil to metal parts.

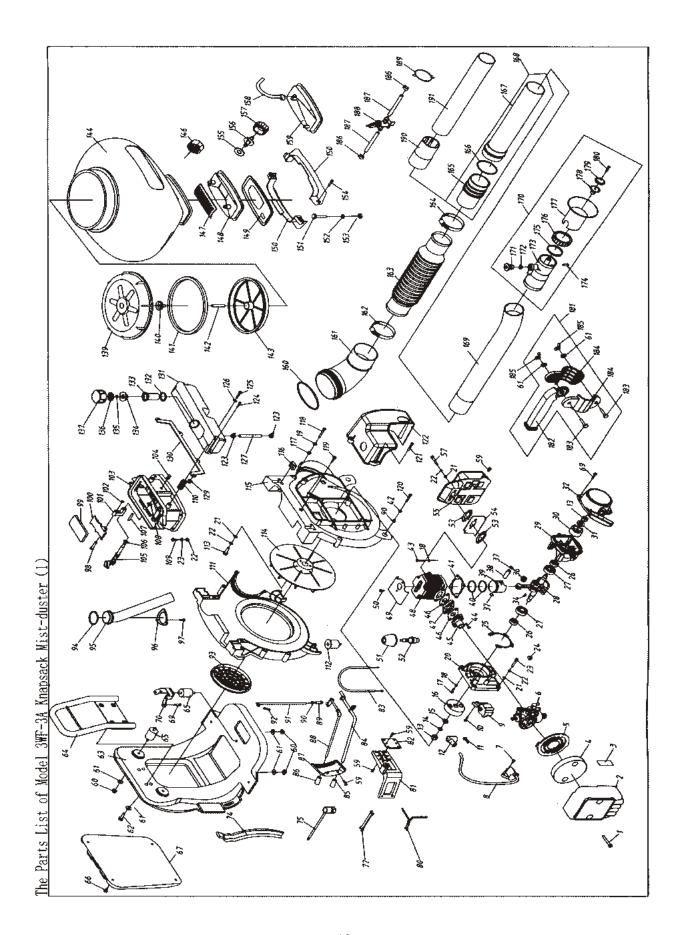
b.Remove the spark plug and pour 15~20g of 2-stroke engine oil into the cylinder through the spark plug pole. Pull the starter handle 4~5 times to distribute the oil inside the engine. Pull the handle slowly until the piston reaches the top of its travel and leave it there, then install the spark plug.

c.Remove the chemical tank, clean the dust gate and inside and outside of chemical tank, then install the tank and leave the lid loose.

d.Remove spray units and clean them. Store by themselves.

e.Discharge fuel in he tank and carburetor entirely.

f.Cover the machine with plastic dustcoat and store it in a dry and clean place.



The Parts List of Model 3WF-3A Knapsack Mist-duster	st of Model 3WF-3A Knapsack Mist-du	1 3WF-3A Knapsack Wist-du	WF-3A Knapsack Mist-du	-3A Knapsack Wist-du	ck Wist-du		ster	2	2)		ħ			-	-			ļ	 -			1
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1E40F-3A, T2-1 outside cover 1 32 1E40FP-3Z. 4 starter 1 66 3MF-2.6B-2	outside cover 1 32 1540FP-3Z.4 starter 1 66 3WF-2.6B-2	1 32 1840FP-3Z. 4 starter 1 66 3WF-2. 6B-2	1E40FP-3Z. 4 starter 1 66 3NF-2. 6B-2	1E40FP-3Z. 4 starter 1 66 3NF-2. 6B-2	starter 1 66 3WF-2, 6B-2	3WF-2. 6B-2	3WF-2. 6B-2			nylon clip	ç-	103 3WF-3.1	shuter	_	133	134 BG305, 10, 2-2 rubber iid	2 rubber sid	-	166 (B1235 65×3.1	$\overline{}$	sealing washer	
11240F-34.3-5 sign 1 34 1E40FJ-32.3-1 key 1 67 3WF-3.11	sign 1 34 1E40FJ-3Z.3-1 key 1 67	1 67	1 67	1 67	1 67			34年-3.11		back met		104 3WF · 3-21	plug		£.	135 BG-328, 7-4	filter net	-1	167 3WF+3, 19, 2-2	9.2-2 pipe		- I
E36F.16-2 filter 1 36 1E40FP-32.34.2 bearing 1 69 GB:9014.4 No.16	1 36 1E40FP-37.34.2 bearing 1	36 1E40FP-37.34.2 bearing 1	-	-	-	1 69 GB.39014.4 N5 X 1	69 GB:39014.4 N5×1	GB:39014.4 M5×1	9	SCIEW ASSEM	9	105 3WF-3-22	rocker shaft		- 13	136 8G305, 10, 2-3 plastic 1td	3 plastic 1td	-1	168 34F-3, 19.	e3	CORNECTOT BASIC	
1E40F-34. 12-2 back place 1 37 1E40FP-32. 3-4 ring 2 70 3WF-3A. 3	1 37 1E40FP-3Z.3-4 ting 2 70	2 70	2 70	2 70	2 70	5		3WF-3A.3		support	_	106 GB1235 14×2	GB1235 14×2.4 sealing *asher			137 BG305, 10. 2-1 feet tank lid] fuel tank lid	-1	169 3WF-3.19-3	_	lang bend pipe	- I
1E40PP-3Z.1 carburettor 1 38 1E40PP-3Z.3-3 piston pin 1 74 3WE-28.7	carburettor 1 38 1540FP 32.3-3 piston pin 1	1640FP 3Z 3-3 piston pin [1640FP 3Z 3-3 piston pin [1640FP 3Z 3-3 piston pin [-	1 74 3WF-28.7	74 3WF-28.7	3WF-28,7		belt component	2	107 3WF-2, 6, 6-3	3 pin	_	=	139 3WF-3, 17, 1-2	2 lid	=	170 3WF-3, 19.	.3 nozzle	e assem	<u> </u>
(8/1965 ST4, 2X16 surmer 2 39 1540PP-3Z.3-2 piston 1 75 3WF-3. 26	2 39 JE40FP-3Z, 3-2 piston 1	39 1E40FP-3Z.3-2 piston 1	_	_	_	1 75 3WF-3.2	75 3WF-3, 2t	3WF-3. 2t	6.3	spanner		108 GB/T896 9	ring			140 3WF-3.17.1-1] air valve	-	[71] 39F-3, 19.	. 3-3 valve		<u> </u>
8 1E40FP-37.5 *inding 1 40 1E40FP-32.3-5 piston ring 2 77 00240-35.12-5	1 40 JF40FP-32.3-5 piston ring 2	2	2	2	2	_	77 00240-35.	00240-35.	12-5	Spanner		109 GL 39074.13 86×40	tab bolt	4	4 14	141 3WF-3.17.1-3	3 semiing washer	-	172 GB1235 16×2.	7	sealing mesher	
1E40PP-32.5 winding 1 41 1E40FP-32-6 sealing washer 1 80 3WF-3.25	winding 1 41 1840FP-32-6 sealing washer 1 80	1E40FP-3Z-6 sealing washer 1 80	1E40FP-3Z-6 sealing washer 1 80	1E40FP-3Z-6 sealing washer 1 80	1 80			3WF-3, 26	£74	ілкитамся свазп	_	110 3WF-3-23	Suel Lank support	-	2 14	142 @4332.18x1.3x3m tube	1 tube	-	173 3WF-3.19.3-4	.3-4 shot pipe	pipe	
10 32/3001.1 MAX20 screw assem 2 42 GB/T848 5 washer 9 81 3WF-3.2	2 42 GB/T848 5 masher 9 81	42 GB/T848 5 rasher 9 81	rasher 9 81	rasher 9 81	8 6	86	81 3WF-3.2	3WF-3, 2		support frame	-	111 3WF-3.13	volute case			143 3WF-3, 20, 1	filter	-	174 GB/7818 N5×12	15×12 screm		⊣
11 1E40FP-32-22 sprink 1 43 GB/170.1 IGX 20 scree 4 82 3MF-3-16	1 43 68/170.1 k5×20 screm 4	Ţ	Ţ	Ţ	Ţ		82 3WF-3-16	3#F-3-16		plate		112 3WF-3.5	rubber piklar	-71	2 144	高高高	chemeal tank	-1	175 39F-3, 19,	.3-1 sealing	n rasher	71
12 1E40FP-32-21 cap 1 44 GRTMO74 4 BXX5 screm assem 2 83 3WF-3.25.	1 44 68/79074.4 M5 X25 screw assem 2	2	2	2	2		83 3WF-3.28	3WF-3.2	5.1	throttle rope		113 GB/15783 M6×35	35 bolt	2	2 14	146 means outain	Li Lid		176 3ffF · 3, 19, 3-2	.3-2 lid		71
1E40FP-3Z-16 MIOX: 2 45 1E40FP-3Z-2 flange 1 84 3WF-3.4	2 45 1E40PP-32-2 flange 1 84	45 1E40PP-3Z-2 flange 1 84	flange 1 84	flange 1 84	1 84			3#F-3.4		thretile rod		114 3#F-3-13	iompeller		=	147 3WF-2, 6A, 1-2 plate	2 plate	-	177 3WF-3, 19, 3~5	1, 3~5 nozzte		⊣
14 GB/7859 10 washer 1 46 1640FP-3Z-4 gasket 2 85 3MF-3-5(red)	1 46 1E40FP-3Z-4 gasket 2 85	gasket 2 85	gasket 2 85	gasket 2 85	gasket 2 85	85	85 34F-3-5	3WF-3-5		handle		115 3WF-3, 14	volute case	_		148 3WF-3, 7-2	dusting plate	-1	178 3TF-3.19.	3.1~2 nozzle	e piece	-
15 GB/1948 10 **sher 1 47 1840FP-3Z-3 insulator 1 86 3WF-3-5(black) handle	masher 1 47 1E40FP-3Z-3 insulator 1	47 1E40FP-3Z-3 insulator 1	insulator 1	insulator 1	insulator 1	\vdash	86 3WF-3-5()	3WF-3-5(8	black)	handle		116 3#F-3-2	nut	-	4 14	149 3#F~3.7-1	sealing washer	-	179 30F-3, 19, 3, 1-1	3.1-1 nozzle	e piece	-
16 1E4OFP-3Z.5 rotor 1 48 1E4OFP-3Z-7 cylinder 1 87 3WF-3-4	rotor 1 48 1E40FP-3Z-7 cylinder 1 87	48 1E40FP-3Z-7 cylinder 1 87	cylinder 1 87	cylinder 1 87	cylinder 1 87	67	87 38F-3-4	3WF-3-4		graduator	\exists	1L7 68/T889.1 M5	5 nut	-21	2 15	150 3WF-3-1	շիջանր	2	180 GJ/1846 ST2.9×16	2.9X16 screw		71
08:170.1 M5 x 30 screm 4 49 1E40FP-3Z-8 cover 1 88 3WF-3.3	4 49 1E40FP-3Z-8 cover 1 88	49 1E40FP-3Z-8 cover 1 88	1E40FP-3Z-8 cover 1 88	1E40FP-3Z-8 cover 1 88	cover 1 88	88		39F-3.3		dunt tod		118 3WF-3-10	long screm	~	2 15	151 0B/T5783 1/8×45 bolt	5 bolt	2	181 3WF-3, 19, 6	9.6 handle	e assem	− }
18 GB/T93 5 washer 8 50 GB/T9004.4 NSX10 screw assem 2 89 3WF-3-15	8 50 (38/19074.4 N5×10 screw assem 2 89	50 (B/1904.4 N5X10 screw assem 2 89	08/1904.4 N5×10 screw assen 2 89	08/1904.4 N5×10 screw assen 2 89	2 89	89			15	ronnector	\neg	119 GB/1845 ST4. FX 25	(25 screw		==	152 GB/T96 8	washer	~	182 3WF-3, 19, 6·1	9,6 thensle	Ţ	- 1
19 GB/T97, 1 5 mastier 2 51 1E40FP-3Z-9 cap 1 90 GB/T6170 M5	2 51 1E40FP-3Z-9 cap 1	51 1E40FP-3Z-9 cap 1	cap 1	cap 1	cap 1	\rightarrow	90 63/761	68/761	70 M5	nst		120 GB/T818 M5×30	30 screw		9	153 GB/T6170 MB	nut	64	183 GB/T5781 16×30	W6×30 bolt		~
1E40FFP-3Z-14 front crankcase I 52 41063 spark plug I 91 3WF-3-12	I 52 41063 spark plug 1 91	I 52 41063 spark plug 1 91	spark plug 1 91	spark plug 1 91	1 91	91	91 3WF-3	3WF-3	-12	palling rod		121 GB/T9074.4 45×25	(25 встет авъсп		4	154 @/1907t.1 16X25	Screw assem	27	184 3WF-3, 19.	9.6-2 clamp		64
21 GB/T97.1 6 washer 9 53 1E40PP-32-18 pasket 2 92 3WF-2	9 53 1E40FP-32-18 pasket 2 92	53 1E40FP-3Z-18 gasket 2 92	2 92	2 92	2 92	92		3WF-2	3WF-2, 6A-2	spanner		122 3WF::3-19	protection			155 of a cr 2 (34)	semling Washer	-	185 GB/T62	חת		~
22 GB/T93 6 masher 8 54 JE40FP-3Z-5 gasket 1 93 3WF-3-14	8 54 JE40FP-3Z-5 gasket 1 93	54 1E40FP-3Z-5 gasket 1 93	gasket 1 93	gasket 1 93	gasket 1 93	93	93 3WF-3	3WF-3	-14	het rover		123 3WF-3-3	qilp	-71	2 156		Link pipe	-1	186 3WF-3, 19-1	9-1 clip		4
23 G8/T70, 1 M6 X 30 server 4 55 1 E4 0 FP - 3 Z, 2 muffle 1 94 3 WF - 3 - 9	4 55 1E40FP-32.2 muffte 1	55 1E40FP-32, 2 muffle 1	muffle 1	muffle 1	muffle 1	\dashv	94 3WF-3-	3#F-3-	ę.	Fasher		124 GB/T818 M5×16	l6 screw		2 157	35 34 13 (201) 37 38 33 2 1 CH.200	connector lid	=	187 @1357.11971,5750	X!,3XXX tube		~
1E40FP-37-20 fixity 1 57 (8.174.1 M5X35-18.9 screen 2 95 3WF-2. 6.	1 57 (8.170.1 M6x35-10.9 screm 2 95	2 95	2 95	2 95	2 95	92		3WF-2.	5, 6-1	pipe		125 GB/T818 M5×55	55 screw	-7	2 15	158 3WF-3, 20-1	tube		188 3NF-3, 19.	cock	assem.]
25 1E40FP-3Z-13 scaling washer 1 59 (26/19074.4 M5X12 screm masem 9 96 3MF-3-8	1 59 @/79014.4 M5X12 screm mssem 9 96	1 59 @/79014.4 M5X12 screm mssem 9 96	9 96	9 96	9 96	96	96 3WF-3-8	3WF-3-8		sid		126 68/796 5	easher		4 15	159 3WF-3, 20-2	disting plate		189; 3#F-3, 19-2	_2 c'amp		⊣ [
26 1840FP-32-11 seal 2 60 GB/T6177.1 HG aut 5 97 GB/1895 STA.2X13 screen	2 60 GB/T6177, 1 M6 nut 5 97	60 GB/T6177.1 M6 aut 5 97	26 g anu	26 g anu	26 g anu	97			2X I3		Ŀ¢.	127 GP13527.1 8X2X MG	cyd tube		91	40 GB1235 100×3.	160 GB(235 100×3.1 sealing washer		190 34F-3, 21-1		guide pape	-
68/7276 6202,P6 bearing 2 61 GB/T96 6 washer 11 98 3WF-3.6-3	2 61 GB/T96 6 washer 11 98	61 GB/T96 6 wusher 11 98	GB/T96 6 Fusher 11 98	GB/T96 6 Fusher 11 98	11 98	39 38		3WF-3.6-	8	pin	_	129 GB/T6177.1	₩5 nut	- 2	2 16	161 3W-3-6	bend pipe	-	19t 30F-3.2t	21-2 consect	ct pipe	-
28 1540FP-32, 34, 1 crankahaft 62 (6/12), 2 (6×16) scree 4 99 3MP-3, 6-2	crankahaft 62 @V729.2 WK16 screw 4 99	scre# 4 99	scre# 4 99	scre# 4 99	4 99	66		3₩5-3.6)-2	rubber plate		130 3WF · 2, 6-3	Support irabe		91	162 478-4101	ctip					
29 1840FP-32-12 hack crankcase 1 63 58-415.16-1 frame 1 100 3MP-3.6-1	1 63 EB-415 16-1 trams 1	1 63 EB-415 16-1 trams 1	Frame 1	Frame 1	Frame 1	1 100 3WF-3.	100 3WF-3.	3WF-3.		slide	-1	131 3FF-2, 6, 2-1	l fuel tank		91 1	163 34F-3, 19-4	hose					
30 1E40FP-3Z-19 ratchet 1 64 3WP-3.9 belt frame 1 101 3WP-3.6-4	1 64 3#Р-3,9 belt frame 1	belt frame 1	belt frame 1	belt frame 1		1 101 3WF 3.6	101 3WF 3.6	3WF 3. 6	4	support arm		132 BG305, 10~2	sealing washer	-	<u>£</u>	E 164 φ59-φ82	clip					- E

