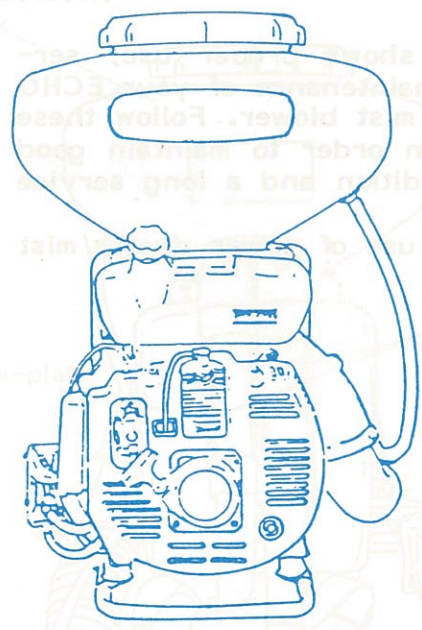




1 NOMENCLATURE & TECHNICAL DATA
1-1 Nomenclature

INTRODUCTION

Blower can cause serious bodily injury. It is important to understand all safety precautions correctly before using your power duster/mist blower. If there is any clause in this manual that can not be understood, please contact your authorized ECHO dealer.



Fuel tank
Carburetor

Starter case

OPERATOR'S MANUAL

TABLE OF CONTENTS

1-2 Technical data

Dimension: L x W x H (mm) 420 x 250 x 420
Weight (dry) 5.5 kg

Engine Type
Displacement
Carburetor
Fuel Tank Capacity

Air cooled two-stroke single cylinder
35.5 cc (2.17 cu in.)
Centrifugal type
25 L (6.6 gal)

ECHO KNAPSACK TYPE DUSTER/MIST BLOWER DM-3500

Blower
Chemical Tank Capacity
Dusting
Dust Feeding System
Dust Adjusting System
Max. Dust Discharge
Misting
Liquid Feeding System
Mist adjusting system
Mist Discharge

Centrifugal type
1.1 L (0.29 gal)
Air carrying device
Slide control
4 kg/min
Pressurized air system
Nozzle valve control
3.60/min



898 571-0391 2

CAUTION
Read Rules for Safe Operation
and Instructions Carefully

INTRODUCTION

This manual shows proper use, servicing, and maintenance of your ECHO power duster/mist blower. Follow these instructions in order to maintain good operating condition and a long service life.

An incorrect use of power duster/mist

blower can cause serious bodily injury. It is important to understand all safety precautions correctly before using your power duster/mist blower. If there is any clause in this manual that can not be understood, please contact your authorized ECHO dealer.

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1 NOMENCLATURE & TECHNICAL DATA
1-1 Nomenclature

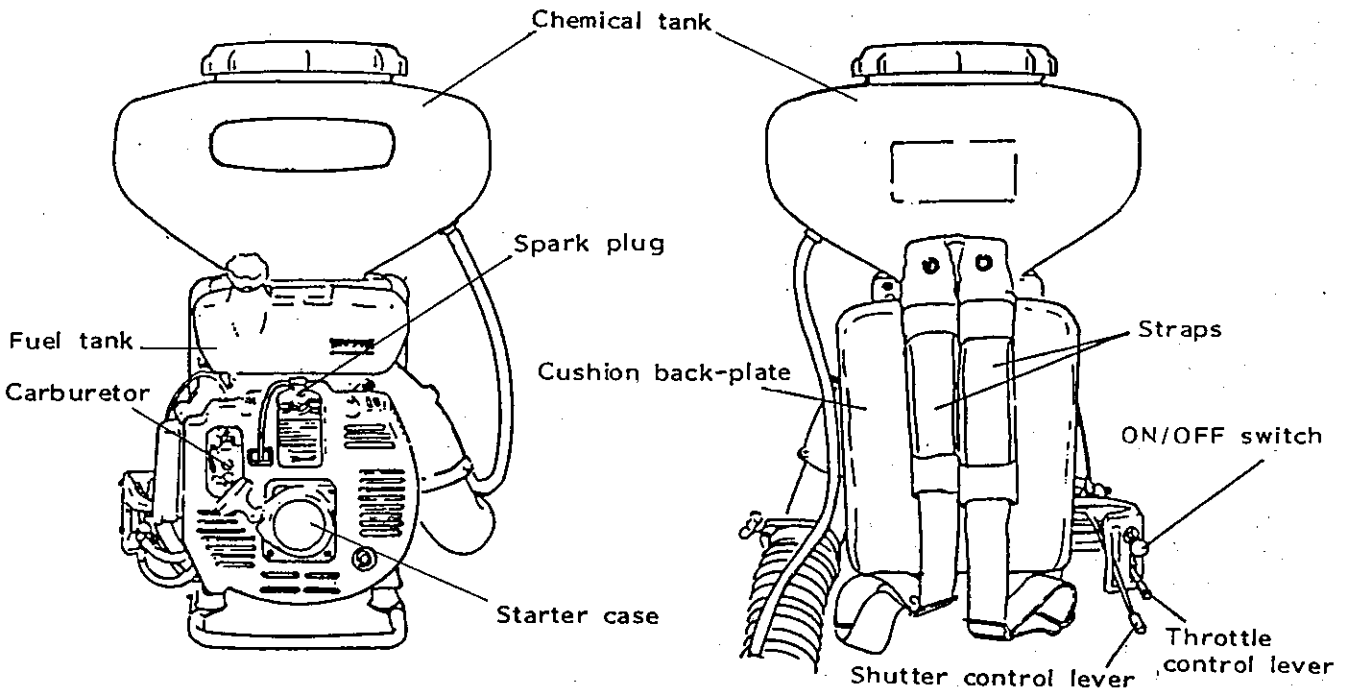


Figure 1

1-2 Technical data

Dimension: L x W x H	420 x 440 x 630 mm (520 X 440 x 665 mm)	
Weight (dry)	10.8 g (23.8 lbs) without blowing with related parts	
Engine .Type .Displacement .Carburetor .Ignition System .Spark Plug .Starter System	Air cooled two-stroke single cylinder 35.5 cc (2.17 cu.in.) Keihin float type Capacitor Discharge Ignition type NGK BM-6A Automatic rewind starter	
Fuel .Fuel/oil ratio .Tank Capacity	Mixture of regular gasoline and air cooled two-stroke engine oil or ECHO oil. 25 : 1 (4%) 0.8 liter (27.0 FL.OZ.US)	
Blower	Centrifugal type	
Chemical Tank Capacity	13 liters	16 liters
Dusting .Dust Feeding System .Dust Adjusting System .Max Dust Discharge	Air carrying system Slide shutter type 4 kg/min	
Misting .Liquid Feeding System .Mist adjusting system .Max Mist Discharge	Pressurized air system Nozzle valve control 3.6ℓ/min.	

2 RULES FOR SAFE OPERATION

1. READ CAREFULLY AND UNDERSTAND THIS MANUAL BEFORE USING YOUR POWER DUSTER/MIST BLOWER DM-5500.

2. DO NOT OPERATE A POWER DUSTER/MIST BLOWER WHEN YOU ARE FATIGUED.

3. OPERATOR SHOULD WEAR CHEMICAL RESISTING WORK CLOTHES WHICH SNUGGLY FIT HIM WHEN OPERATING MACHINE. WEAR PROPER MASK AND EYE PROTECTOR OFFICIALLY APPROVED, INSTEAD OF MAKE SHIFT TOWEL OR THE LIKE. (FIGURE 2)

4. PUT OFF THE WORK WITH YOUR DUSTER-MISTER IN A WINDY DAY OR HEAVELY RAIN TO AVOID ACCIDENTS.

5. DUST AND MIST BLOWING MUST BE DONE LEewardLY. TRY TO CHOOSE MORNING OR EVENING, WHEN IT IS NOT SO WINDY AS MID-DAY, AND THE GROUND SURFACE TEMPERATURE RESERVES, SO AS TO MINIMIZE DISPERSION LOSSES AND ENHANCE CHEMICAL ADHESION EFFECT AND FOR LESS HAZARDOUS OPERATION.

6. NEVER PUT YOUR POWER DUSTER/MIST BLOWER WHERE INFLAMMABLE GAZ MAY EXIST (FIGURE 3)

7. DO NOT OPERATE A POWER DUSTER/MIST BLOWER THAT IS DAMAGED, IMPROPERLY ADJUSTED, OR NOT COMPLETELY AND SECURELY ASSEMBLED.

8. DRAIN OUT FUEL TANK BEFORE CARRYING A POWER DUSTER/MIST BLOWER FOR A LONG DISTANCE.

9. DO NOT ALLOW OTHER PERSONS TO BE NEAR AT POWER DUSTER/MIST BLOWER WHEN STARTING ENGINE. (FIGURE 4)

10. NEVER START ENGINE WHEN IT IS ON THE BACK OF THE OPERATOR.

11. USE AN APPROVED SAFETY CONTAINER WHEN FILLING FUEL TANK.

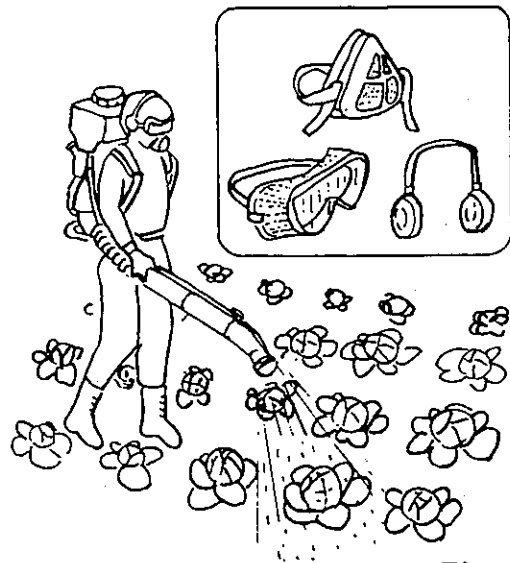


Figure 2

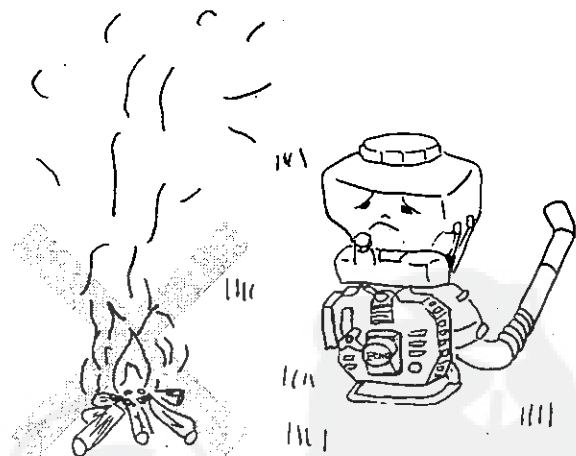


Figure 3

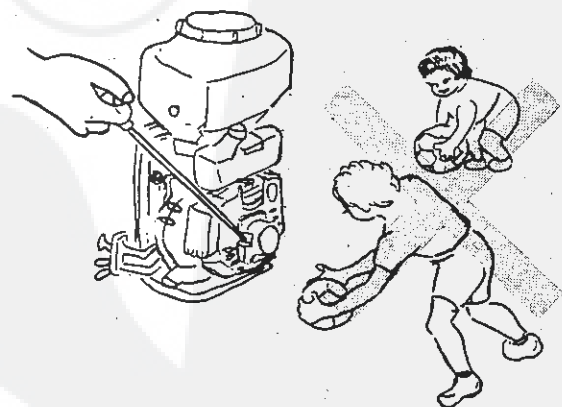


Figure 4

12. DO NOT MIX DIRECTELY FUEL IN FUEL TANK.

13. AVOID TO OVERFILLING FUEL. WIPE OUT IMMEDIATELY OVERFILLED FUEL. (FIGURE 5)

14. DO NOT SMOKE WHEN REFUELING OR OPERATING. (FIGURE 6)

15. START ENGINE IN A VENTILATED ROOM OR IN VENTILATED AREA. (FIGURE 7)



Figure 5

16. ALL POWER DUSTER/MIST BLOWER, OTHER THAN ITEMS LISTED IN OPERATOR'S MANUAL SHOULD BE PERFORMED BY COMPETENT SERVICE PERSONNEL. (E.G. IF IMPROPER TOOLS ARE USED TO REMOVE THE FAN, OR IF AN IMPROPER TOOL IS USED TO HOLD THE FAN IN ORDER TO REMOVE CLUTCH, STRUCTURAL DAMAGE TO FAN COULD OCCUR WHICH COULD SUBSEQUENTLY CAUSE FAN TO BURST).



Figure 6

17. FOR YOUR SECURITY AND YOUR HEALTH, FOLLOW THE LOCAL REGULATIONS WHEN USING THE MACHINE. THE OPERATION IS NORMALLY LIMITED TO 2 HOURS A DAY.

18. WHEN DUST OR SPLASH OF CHEMICAL SHOULD ENTER IN THE EYES OR IN THE MOUTH, QUICKLY WASH THEM WITH WATER NEAR AT HAND (EVEN THROUGH A LITTLE MUDDY) AND THEN CONSULT WITH A DOCTOR AS SOON AS POSSIBLE.

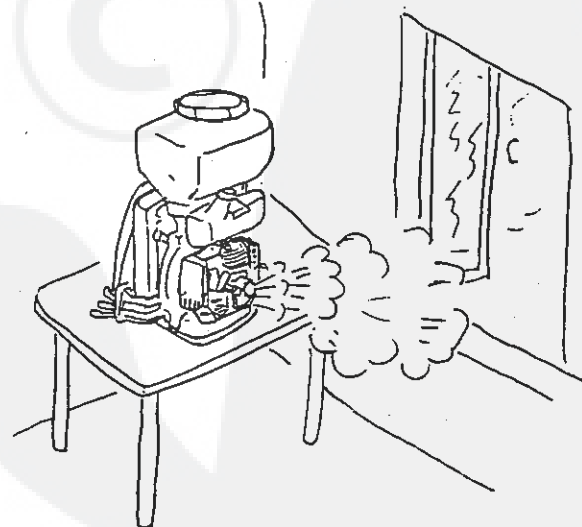


Figure 7

19. IN BLOWING CHEMICALS, THE OPERATOR SHOULD ACCOMPANY AT LEAST AN ASSISTANT TO HELP WATCH ON DIRECTION OF WIND, FLOW OF CHEMICALS, ADHESION EFFECTS, SUPPLY OF FUEL AND CHEMICALS, APPROACH OF MAN AND ANIMAL, OCCURENCE OF ACCIDENT, AND TAKE TURNS IN PROPER SPAN OF TIME.

3 CAUTIONS DURING OPERATION

1. BEFORE STARTING ENGINE, BE SURE THAT SHUTTER CONTROL LEVER OR DISCHARGE COCK IS ON CLOSE POSITION AND SPRAY NOZZLE IS POINTING TO WINDING DIRECTION.

2. NEVER POINT SPRAY NOZZLE TO OTHER PERSON OR ANIMAL. (FIGURE 8)

3. KEEP OTHER PERSONS, BYSTANDERS, OR ANIMALS FROM WORKING AREA. (FIGURE 9)

4. ALWAYS USE CAUTION WHEN HANDLING FUEL. MOVE POWER DUSTER/MIST BLOWER AT LEAST 10 FEET (3 m) FROM FUELING POINT BEFORE STARTING ENGINE. (FIGURE 10)

5. STOP THE ENGINE BEFORE REFUELING AS WELL AS POURING CHEMICALS, TRANSPORTING, AND PUTTING MACHINE ON THE GROUND.

6. BE CAREFUL NOT TO CONTACT WITH HOT MUFFLER AND NOT TO RECEIVE ELECTRIC SHOCK FROM SPARK PLUG DURING USE OF YOUR POWER DUSTER/MIST BLOWER.

7. DO NOT SMOKE WHILE RING REFUELING AND OPERATING.

8. STOP ENGINE BEFORE FILLING CHEMICALS.

9. IN CASE OF OPERATING IN LONG PERIODE, SOMETIMES STOP TO WORK TO CHECK FOR GOOD SECURING OF SCREWS AND ASSEMBLING OF DUSTING OR MISTING DEVICE.

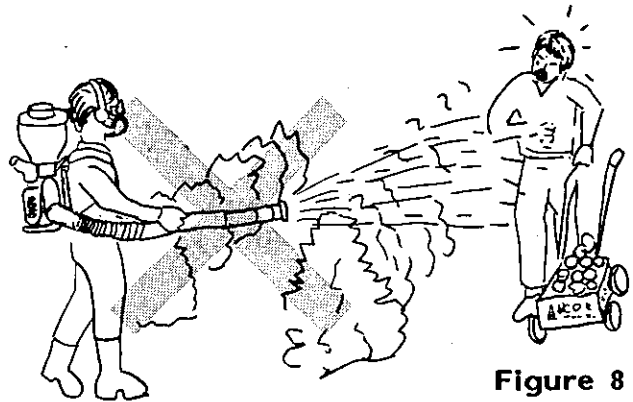


Figure 8



Figure 9

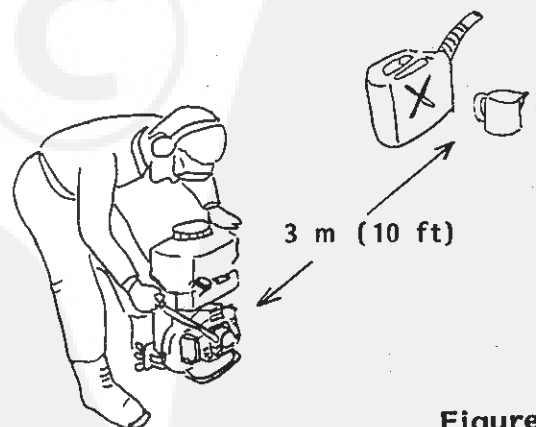


Figure 10

4 INSTALLING MISTING DEVICE

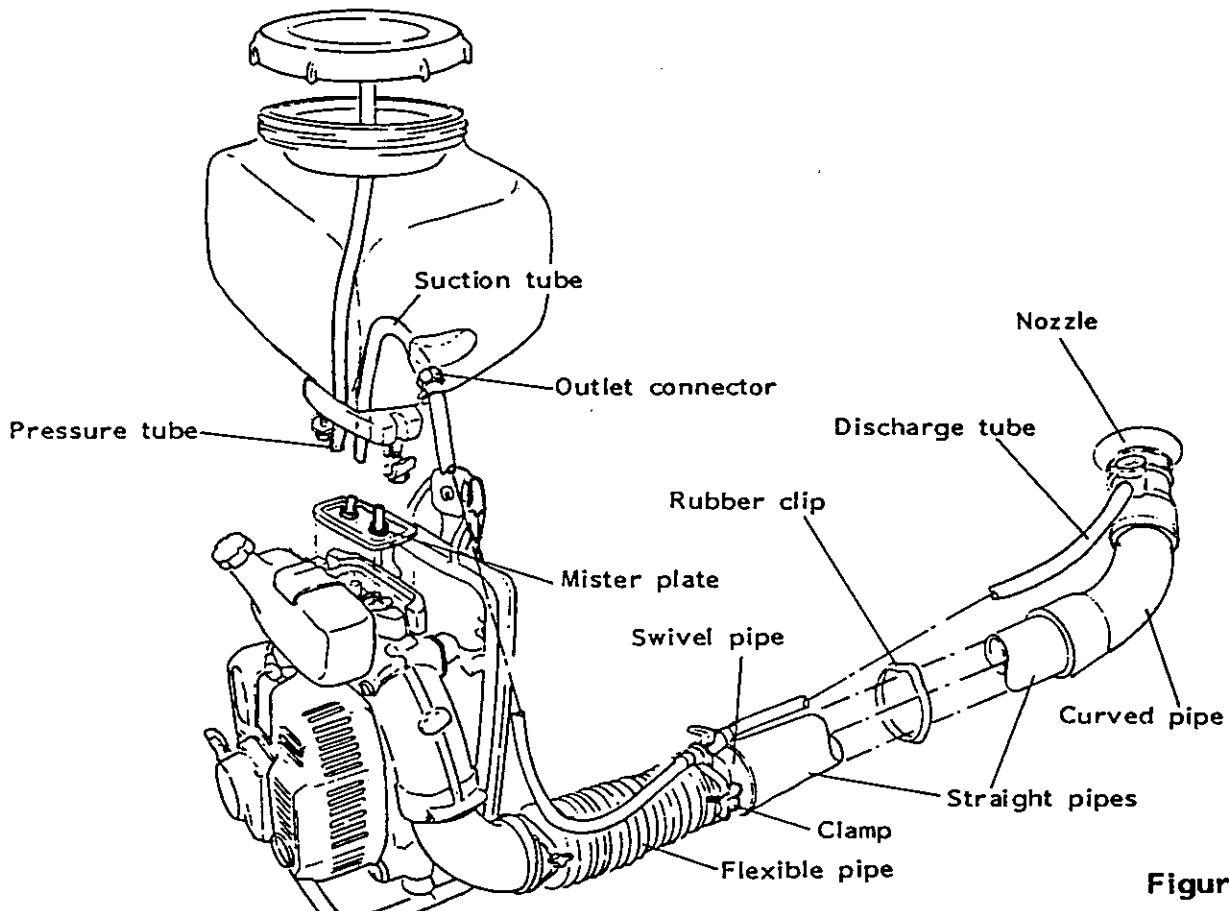


Figure 11

The machine has been mounted as mist blower in factory. Follow paragraph 4-2 for final assembling of pipes, tubes and nozzle.

4-1 Assembling mister plate

(This paragraph is reserved only for converting duster to mist blower.)

1. Remove chemical tank and take off shutter ass'y.
2. Carefully clean inside and outside of chemical tank and holders of fan case.
3. Remove blind plug from tank and mount connector instead. Secure connector to tank with plastic nut.
4. Connect suction tube to outlet connector on tank as shown in figure 11.
5. Mount chemical tank with suction tube hooked to mister plate on fan case and

tighten two nuts securing them together.

6. Mount pressure tube connecting fan case to chemical tank.

4-2 Assembling pipes and nozzle

1. Connect flexible pipe to elbow pipe and tighten clamp holding them together.
2. Connect swivel pipe to flexible pipe and insert cock bracket between clamp and pipe. Then, secure clamp holding cock bracket, swivel and flexible pipes together.
3. Connect two straight pipes respectively to swivel pipe and mount rubber clip to straight pipe to hold discharge tube on pipe.
4. Connect curved pipe and nozzle respectively to straight pipe and discharge pipe to outlet connector.

5 OPERATING MIST BLOWER

5-1 Filling chemical tank

1. Fill liquid chemical through filter into tank. Stir up after filling to avoid chemical deposits at bottom of tank.

2. Secure tank cap firmly to avoid air pressure inside of tank to escape from around the cap. If not, it results in poor spraying.

NOTE: Be sure that discharge cock is locked before starting engine.

5-2 Adjusting spray pattern

The spray pattern can be adjusted from the straight stream to an open spray by adjusting the position of collar.

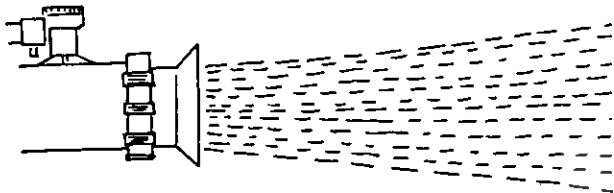


Figure 12

- Loosen collar nut and pull collar forward to obtain a straight stream as shown in figure 12.

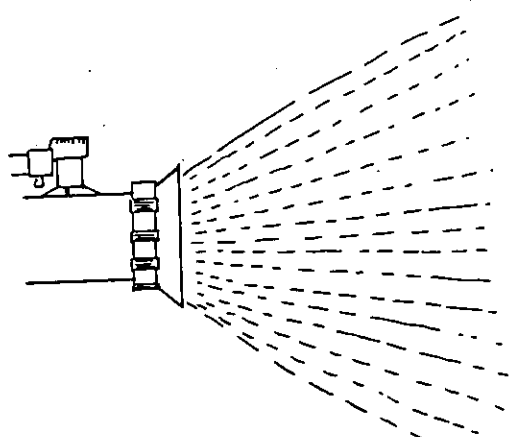


Figure 13

- Push collar back to collar nut to obtain a wide spray as shown in figure 13.

5-3 Adjusting spray volume

The spray volume can be adjusted by lining up the number with mark as shown. The spraying volume is prescribed as follows.

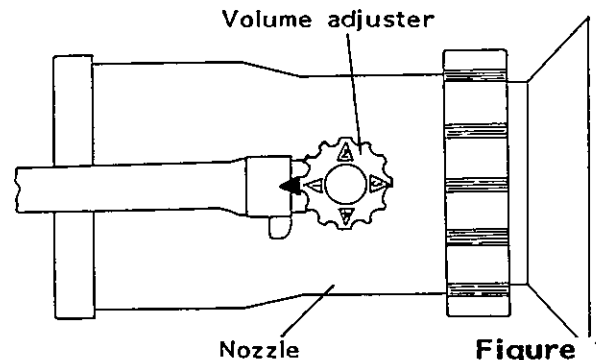


Figure 14

Setting number	1	2	3	4
Discharge volume (ℓ/min)	0.9	1.7	2.7	3.6

NOTE: Keep nozzle at a distance of 70 cm (2 ft 4 in.) far from plants to prevent damage. (Figure 15)

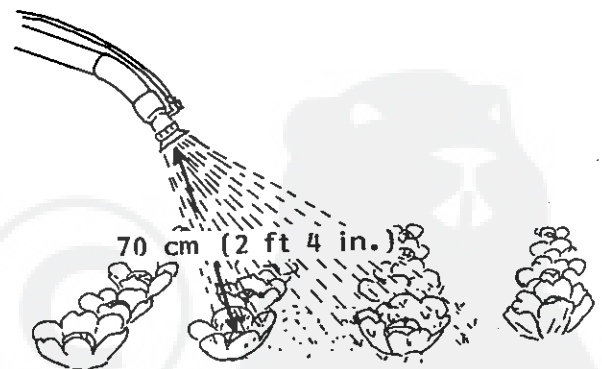


Figure 15

5-4 Cleaning chemical tank

Chemical tank should be cleaned after each use.

1. Fill chemical tank with water and run engine.
2. Open discharge cock to pour water out to clean internal parts of misting device.

6 INSTALLING DUSTING DEVICE

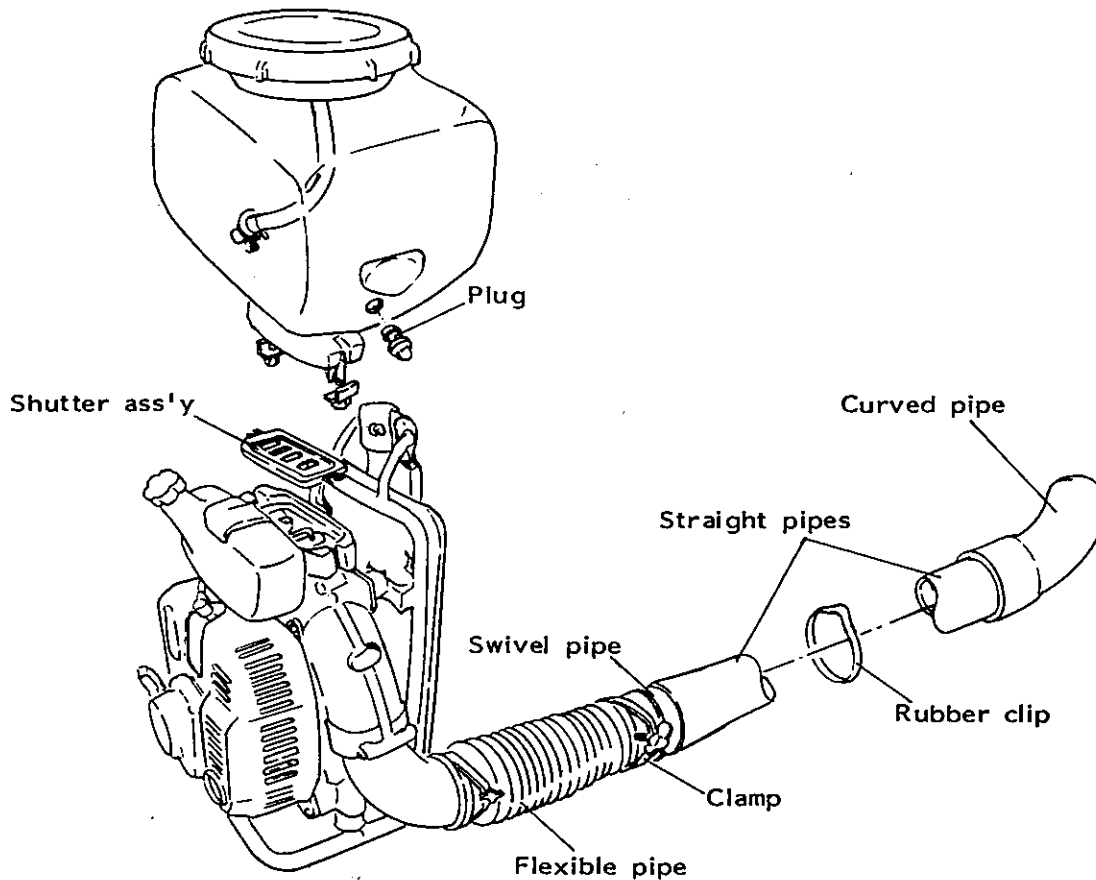


Figure 16

6-1 Installing dusting device

1. Disconnect discharge tube from chemical tank.
2. Remove outlet connector from chemical tank and plug hole in tank.
3. Remove pressure tube connecting fan case to tank and plug holes instead.

NOTE: Filter is not necessary to be removed from tank. However it can be done by removing clip and disconnect tube from inner cap to pry filter out of tank.


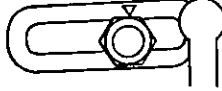
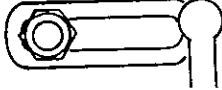
4. Remove chemical tank from engine and remove mister plate from fan case. Then install shutter ass'y in place proceeding as follows.

- Move shutter control lever to down position and put shutter ass'y on close position.

- Position shutter ass'y on fan case in right way ("Engine side" in label is on side of engine).
- Push shutter control lever up and down to check if joint shaft engages well with slot of shutter ass'y:
 - .When volume control lever is on down position, shutter ass'y is close.
 - .When volume control lever is on up position, shutter ass'y is open.
- If shutter ass'y does not engage with lever, reinstall it until engagement.
- Then reinstall chemical tank to fan case and screw in two nuts securing tank to fan case.

6-2 Adjusting shutter control arm

Shutter control arm can be adjusted by loosening nut and reposition arm as required by each type of dusting work.

Shutter control arm position	Description
	Fertilizer spreading
	Hose dusting
	Pipe dusting weed-killer, granule spreading

7 OPERATING POWER DUSTER

Caution: Operator should wear mask and eye protector when operating power duster/mist blower.

7-1 Filling chemical tank

1. Close shutter ass'y by setting volume control lever down to low position and open tank cap.
2. Fill tank with powdered chemical.
3. Secure tank cap firmly to avoid powdered chemical to be blown out from around tank cap.
4. Then start engine referring to paragraph 10 on page 11.

7-2 Operating power duster

1. Make sure that shutter ass'y is closed and set throttle lever to operating position. (Set throttle lever to intermediate position or position 5~7).

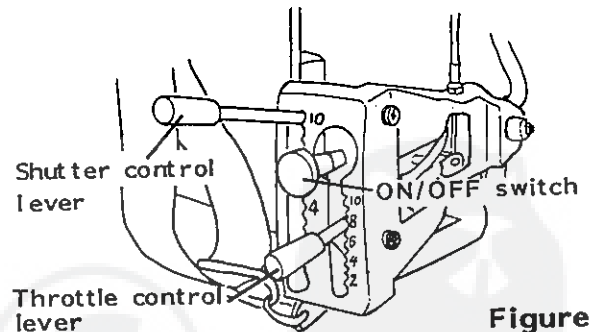


Figure 18

2. When shutter control lever is moved to the highest position, maximum discharge is at rate 5 kg/min.

8 STARTING/STOPPING ENGINE

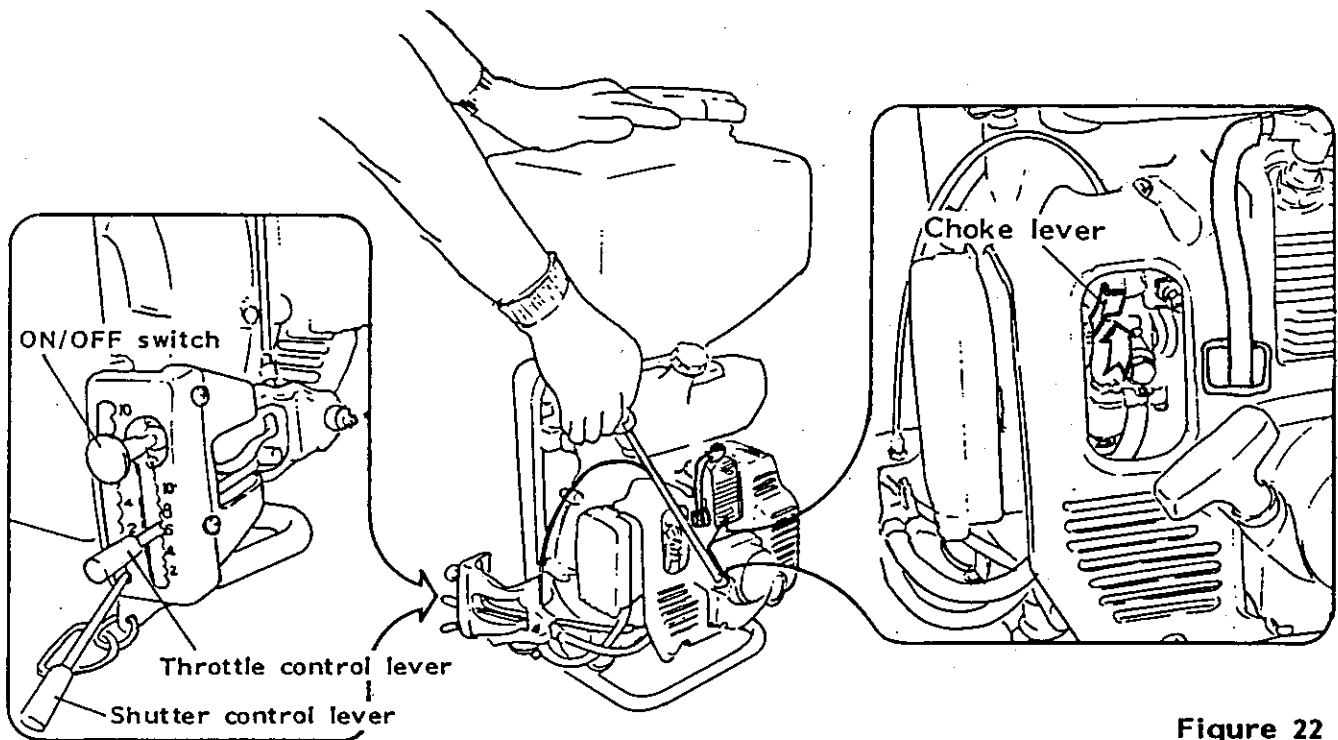


Figure 22

8-1 Starting engine

1. Move choke lever to up position and push in ON/OFF switch (fuel cock opens automatically at same time).
2. Close shutter ass'y (duster) or discharge cock (mister).
3. Move throttle control lever to start position (numbering mark 5 or 6 in dial) and securely hold the machine, pull starter handle several times until first firing sound.

NOTE: Do not pull out handle totally to avoid starter system from damage.

4. When engine starts to run, move choke lever to half position and let it run for 10~15 seconds. Then gradually move it down to "OPEN" position.
5. Let engine run at idle speed for two or three minutes for warming up before working.

NOTE: For warm engine, choke lever is not necessary to be used. When engine does not start easily, choke lever can be used. But push it back immediately right after first firing sound.

8-2 Stopping engine

1. Close shutter ass'y (power duster) on chemical cock (mist blower) first.
2. Then let engine run at idle speed in several minutes for cooling down.
3. Move throttle control lever down and pull ON/OFF switch out (fuel cock closes automatically) for stopping engine.

NOTE: Carburetor has been correctly adjusted in factory. Do not readjust yourself unless it is necessary. It should be readjusted by a competent personnel of ECHO dealer.

9 MAINTENANCE

9-1 Air filter

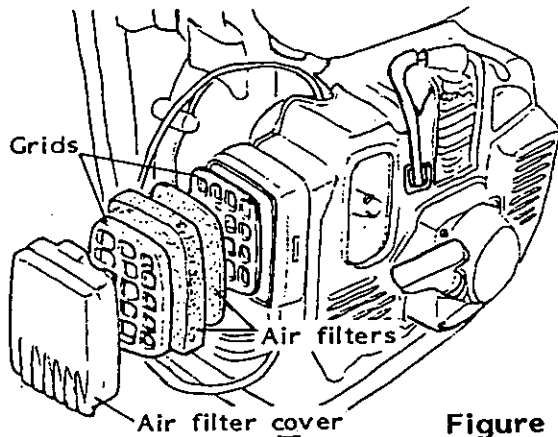


Figure 23

1. Always keep air filter clean to maintain air/fuel mixture gases in a constant correct ratio.

2. Remove air filter cover, grid, air filters. Then check and/or clean air filters by washing in a suitable solvent (Kerosene...) when heavily soiled.

3. Dry air filters before reassembling them to engine.

9-2 Fuel cap

WARNING: Remove fuel cap gradually when engine is hot, to release the intensely pressurized fuel gas (vapour) inside the tank.

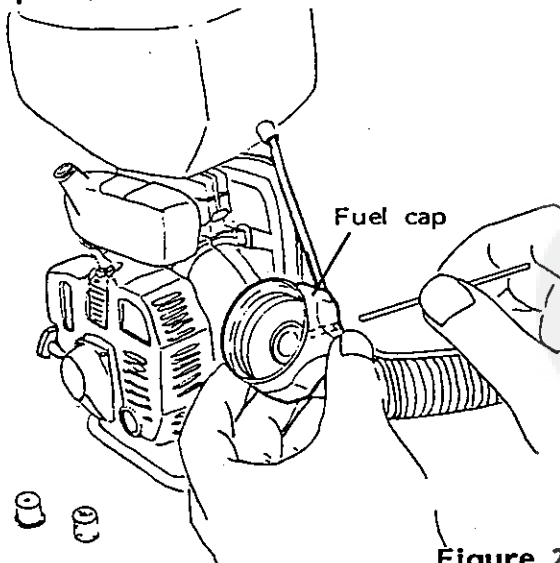


Figure 24

1. Check fuel cap vent and clean with a fine piece of wire if it is clogged. (Figure 24)

2. Clean fuel filter or remove all deposits on filter.

3. If necessary, pry filter out and clean it with suitable solvent.

9-3 Muffler and cylinder fins

1. Clean muffler by removing carbon deposits at outlet port. This should be done every month to maintain constant performance of engine. (Figure 25)

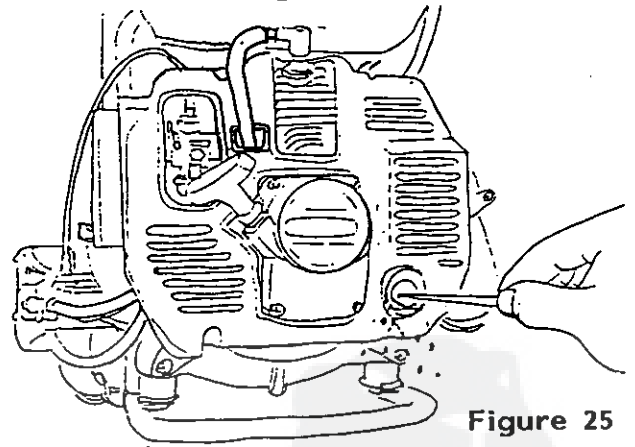


Figure 25

2. Always keep cylinder fins clean. Clogged cylinder fins will cause engine to overheat. Clean out grass, mud, leaves, and other debris with a wooden stick every day. (Figure 26)

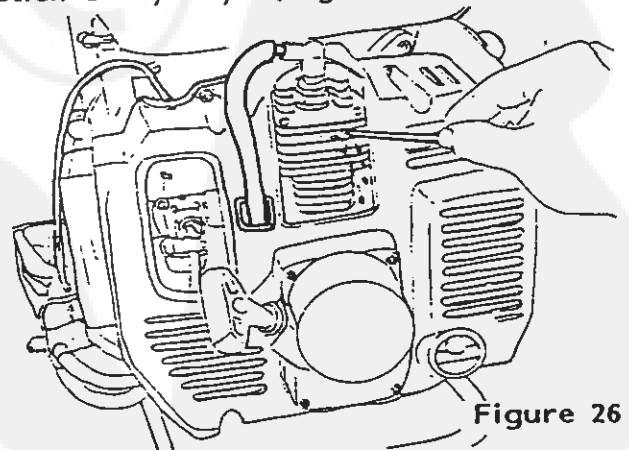


Figure 26

WARNING: Beware of hot muffler and cylinder, you will get burnt.

9-4 Fan case grid

an case grid should be cleaned every day. Clogged grid will cause engine to overheat.

1. Remove cushion back-plate from machine.
2. Remove all dirt, leaves, and other debris from fan case grid. Care should be taken not to let foreign objects enter fan case through grid. It surely cause damage to fan and fan case.

9-5 Spark plug

Check and adjust spark plug periodically. If spark plug is sooty or carbon is deposited, or if spark plug gap is incorrectly adjusted, engine will loose power.

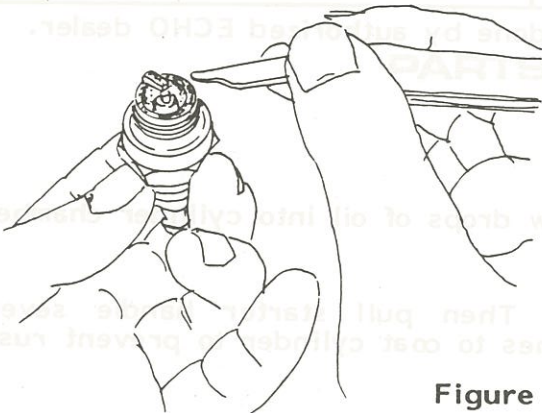


Figure 27

1. Remove spark plug cap and spark plug, and clean it with a fine sand paper if sooty, or carbon is deposited. (Figure 27)

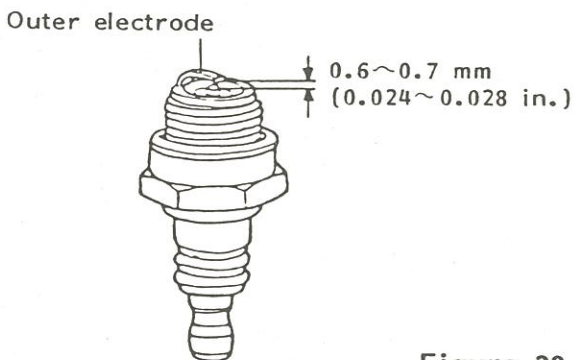


Figure 28

2. Check electrodes and adjust if gap is out of range. (Figure 28)

- The gap between electrodes of spark plug is 0.6~0.7 mm (0.024~0.028 in.). Adjust the gap by bending outer electrode of spark plug.

- Tighten spark plug to 150~170 kg.cm (11~12 ft.lb) of torque when re-installing to engine.

WARNING: Be careful when handling electrical parts. You may receive electrical shock when pulling starter handle for testing spark plug.

9-6 Draining deteriorated fuel

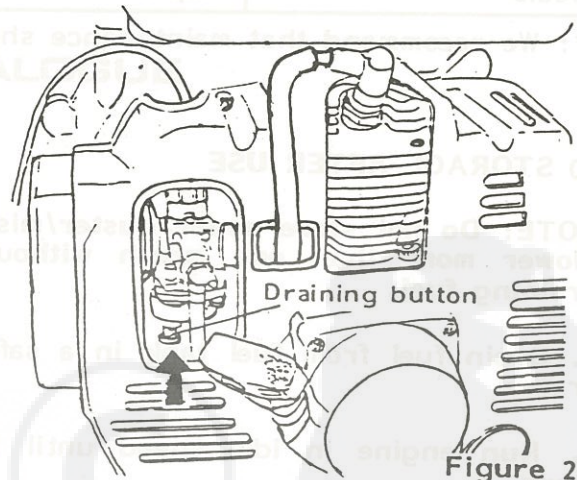


Figure 29

When machine is stocked for a long time, fuel in carburetor may deteriorate. And after a long period of use, deposits in fuel come to accumulate at bottom of fuel chamber. Push up draining button located under fuel chamber to drain deposits or deteriorated fuel from carburetor. (Figure 29)

NOTE: Carburetor has been correctly adjusted in factory. Do not readjust unless it is necessary. Carburetor adjustments should be done by ECHO dealer.

9-7 Maintenance guide

Check points	Maintenance	Interval		
		Daily	Weekly	Monthly
Screws, bolts, nuts	Inspect and tighten	○		
Fuel line and leads connection	Inspect	○		
Fuel cap	Clean	○		
Cylinder fins	Clean	○		
Air cleaner	Clean	○		
Fan case grid	Clean	○		
Spark plug	Clean and adjust		○	
Starter rope	Inspect and/or replace as required*		○	
Muffler	Clean		○	
Fuel tank	Clean			○
Seals	Replace*	Once a year		

*: We recommend that maintenance should be done by authorized ECHO dealer.

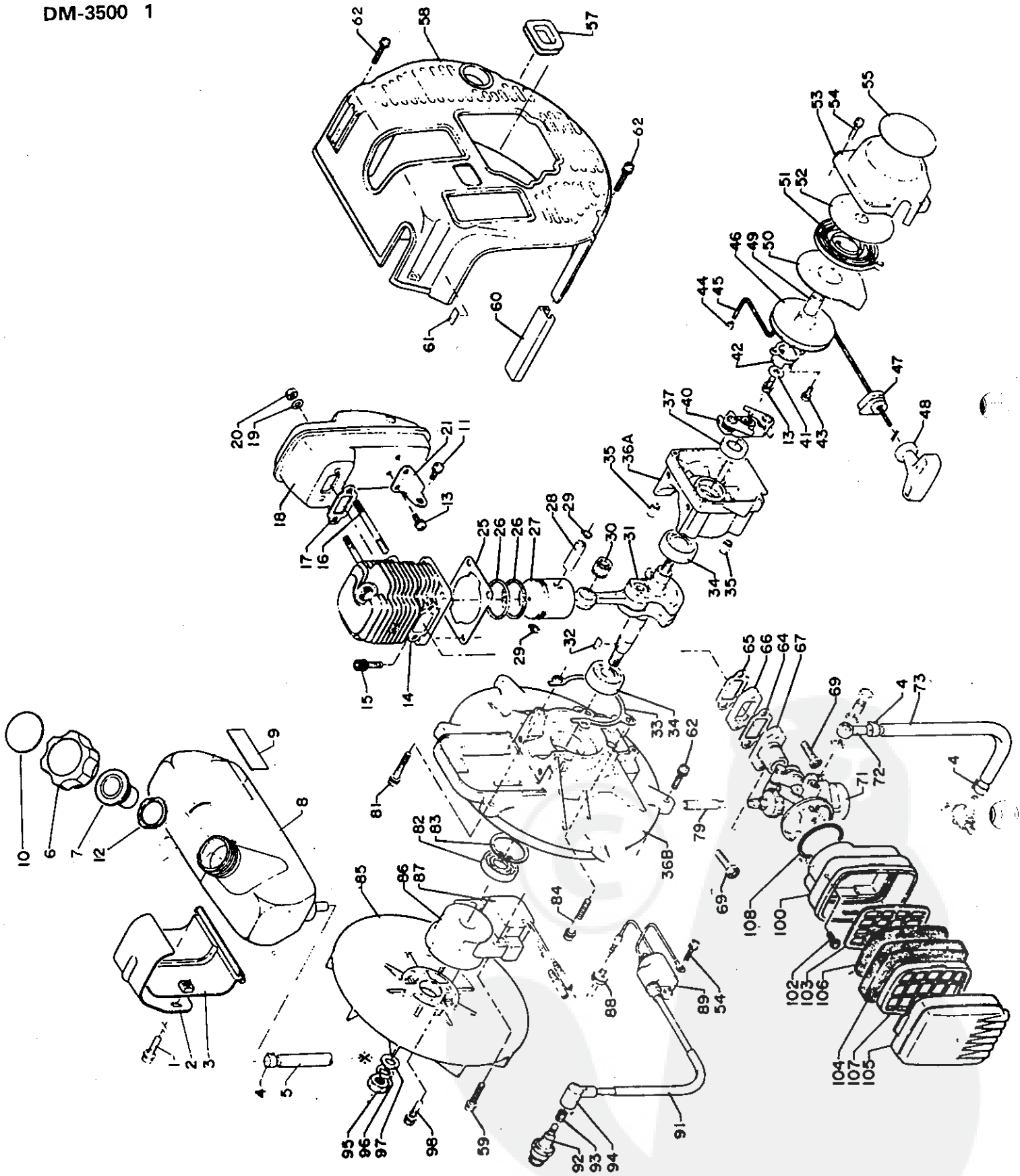
10 STORAGE AFTER USE

NOTE: Do not store power duster/mist blower more than one month without draining fuel.

1. Drain fuel from fuel tank in a safe area.
2. Run engine in idle speed until it stops.
3. Remove spark plug from engine and

few drops of oil into cylinder chamber.

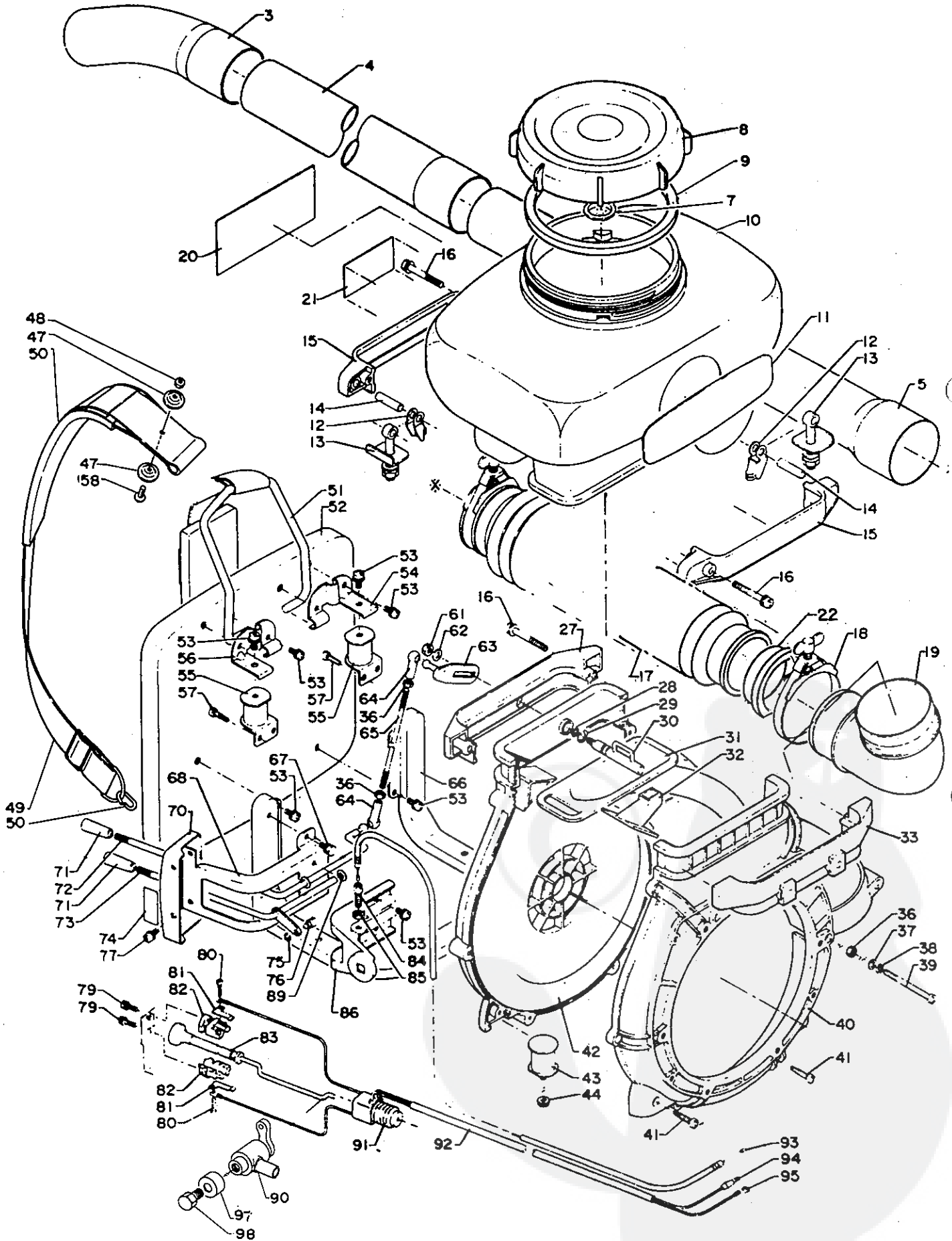
4. Then pull starter handle several times to coat cylinder to prevent rust.
5. Clean power duster/mist blower and coat metal surface of machine with wax. Then store it in a dry, safe place, and out of reach of children.



Key	Part No.	Q'ty	Description
1	900 142-0602 0	2	Bolt
2	131 910-0291 0	1	Bracket
3	131 918-0291 0	1	Bracket
4	357 013-0021 0	4	Clamp
5	132 010-0331 0	1	Pipe
6	131 604-0713 1	1	Cap ass'y, fuel
10	890 154-1273 0	1	Decal
7	131 003-0533 0	1	Breather cup
8	131 010-0291 0	1	Tank, fuel
9	890 112-0391 0	1	Decal
11	900 242-0501 4	1	Screw
12	131 016-0713 0	1	Gasket
13	900 242-0501 0	2	Screw
14	101 011-0291 0	1	Cylinder
15	900 162-0602 0	4	Bolt
16	101 014-0231 0	2	Stud
17	145 510-0291 1	1	Gasket
18	145 605-0291 0	1	Muffler
19	900 600-0000 6	2	Washer
20	145 710-0023 0	2	Nut
21	145 711-0231 0	1	Bracket
25	101 010-0291 1	1	Gasket
26	100 011-1123 0	2	Ring, piston
27	100 010-0291 0	1	Piston
28	100 013-0041 0	1	Pin, piston
29	100 015-0012 0	2	Circlip
30	100 012-1233 0	1	Bearing, needle
31	100 100-0291 0	1	Crankshaft
32	100 142-0031 0	1	Key, woodruff
33	100 242-0291 1	1	Gasket
34	900 810-3620 2	2	Bearing, ball
36	100 200-0291 0	1	Crankcase set
35	100 215-0573 0	2	Pin, dowel
37	100 213-0031 0	1	Oilseal
40	177 305-0672 0	1	Pawl ass'y
	177 200-0291 0	1	Starter ass'y
13	900 242-0501 0	1	Screw
41	177 214-0283 0	1	Washer
42	177 243-0413 0	1	Catcher
43	900 241-0400 8	2	Screw
44	177 246-0393 0	1	Clip
45	177 226-0393 0	1	Rope, starter
46	177 215-0413 0	1	Reel, starter
47	177 227-0291 0	1	Guide
48	177 228-1113 0	1	Grip

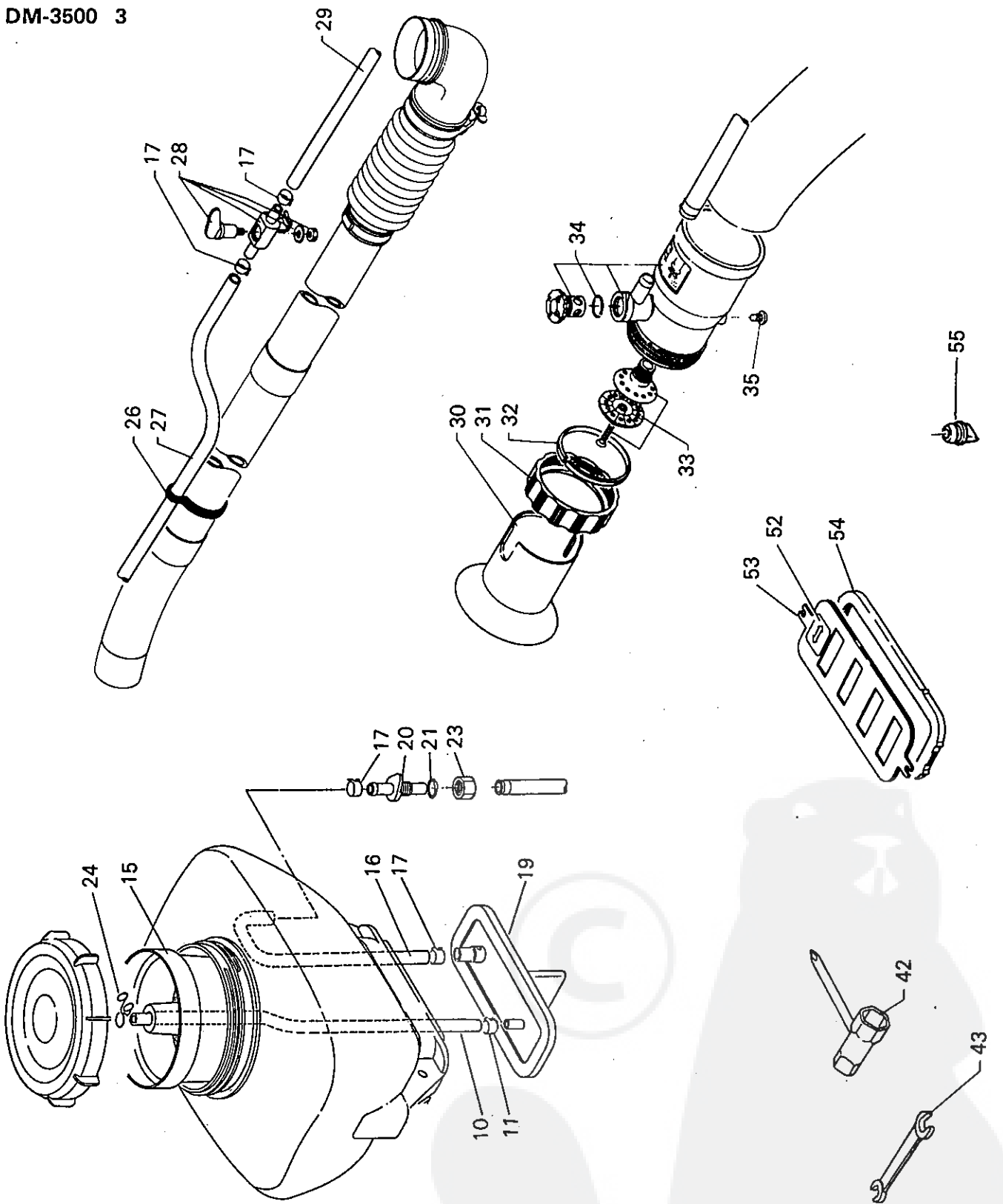
Key	Part No.	Q'ty	Description
49	177 216-1233 0	1	Bushing
50	177 242-0291 0	1	Plate
51	177 220-0393 0	1	Spring, rewind
52	177 221-0672 0	1	Plate
53	177 209-0291 0	1	Case, starter
54	900 242-0402 0	6	Screw
55	890 112-1783 0	1	Decal
57	104 020-0291 0	1	Grommet
58	104 016-0331 0	1	Cover, engine
59	900 242-0502 5	2	Screw
60	104 018-0291 0	1	Grommet
61	890 121-0066 0	1	Decal
62	900 242-0502 0	10	Screw
64	130 010-0331 1	1	Gasket,
65	130 016-0291 1	1	Gasket
66	130 017-0291 0	1	Insulator
67	130 510-0291 1	1	Adaptor, intake
69	900 242-0602 0	2	Screw
71	120 000-0331 2	1	Carburetor
72	132 024-0066 0	1	Connector
73	132 012-0473 1	1	Pipe
79	178 127-0291 0	1	Tube
81	900 242-0504 0	2	Screw
82	100 213-0283 0	1	Oilseal
83	900 702-0003 5	1	Circlip
84	900 242-0503 0	2	Screw
85	200 010-0291 0	1	Fan
86	150 801-0291 0	1	Flywheel
87	150 601-0291 0	1	Modul CDI
88	150 614-0291 0	1	Grommet
89	150 626-0211 0	1	Coil, ignition
91	150 111-0211 0	1	Tube
92	159 010-0033 0	1	Plug, spark
93	159 011-0051 0	1	Coil, spark plug
94	159 012-0162 0	1	Cap, spark plug
95	900 501-0001 0	1	Nut
96	900 605-0001 0	1	Washer, spring
97	900 600-0001 0	1	Washer
98	900 142-0502 0	4	Bolt
100	130 307-0371 1	1	Case, air filter
102	900 242-0401 4	2	Screw
103	130 319-0371 0	1	Grid
104	130 310-0291 0	1	Filter, air
105	130 313-0371 0	1	Cover, filter
106	130 317-0371 0	1	Filter, air
107	130 311-0371 0	1	Grid, filter
108	130 320-0371 0	1	Gasket

Remarks 6 consists of 7,10,12



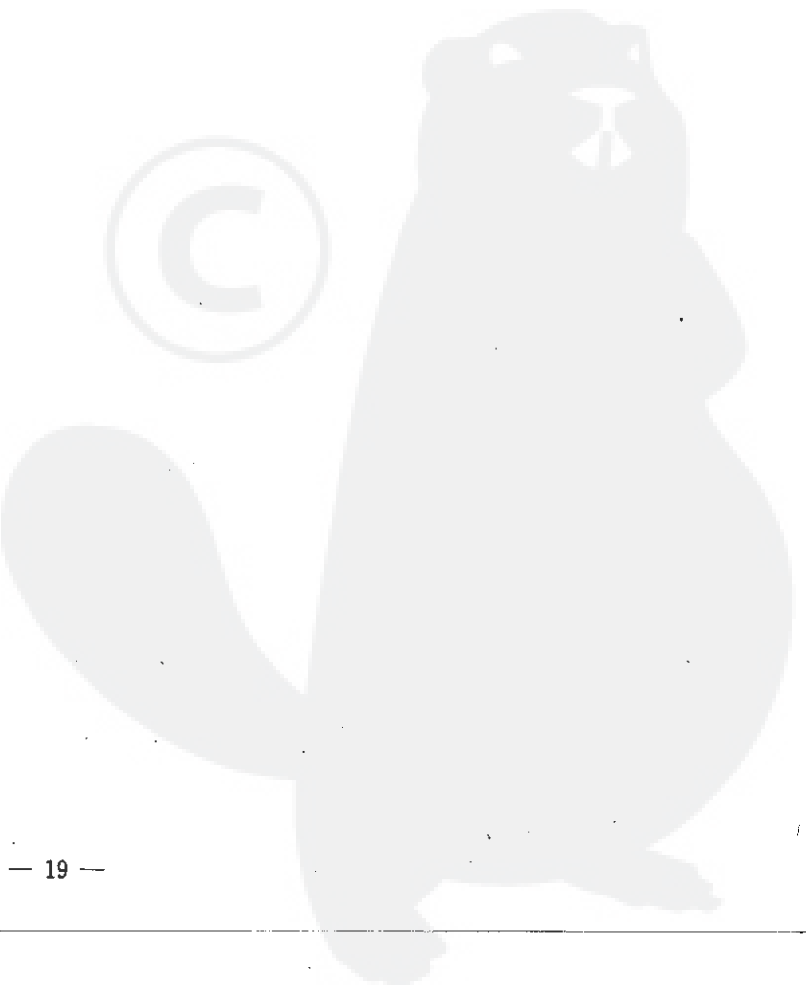
Key	Part No.	Q'ty	Description
2- 3	210 023-0021 0	1	Pipe, curved
4	210 015-0111 0	1	Pipe, straight
5	210 014-0161 0	1	Pipe, straight
8	250 001-0561 0	1	Cap, tank
7	. 250 013-0031 0	1	Cap, inner
9	250 011-0201 1	1	Gasket, tank
10	250 017-0341 0	1	Tank, chemical
11	890 118-0111 0	1	Decal
12	250 925-0291 0	2	Holder
13	250 907-0291 1	2	Bolt
14	250 914-0111 0	2	Pin
15	250 900-0361 0	1 set	Holder
16	900 249-0505 0	8	Screw
17	210 012-0171 0	1	Pipe, flexible
22	. 210 032-0161 0	2	Packing
18	210 407-0111 0	2	Clamp
19	210 011-0301 0	1	Elbow, blowing
20	890 178-0371 0	1	Decal
21	890 120-0371 0	1	Decal
27	270 025-0381 0	1	Holder
28	270 217-0111 0	1	O-ring
29	900 703-0000 8	1	E-ring
30	270 205-0291 1	1	Shaft, shutter
31	370 613-0291 0	1	Pipe
32	370 315-0291 0	1	Guide
33	270 010-0381 0	1	Holder
36	900 500-0000 5	4	Nut
37	900 600-0000 5	2	Washer
38	900 605-0000 5	2	Washer, spring
39	210 425-0231 0	2	Screw
40	200 107-0291 1	1	Case, fan
41	200 126-0291 0	9	Screw
42	200 110-0291 1	1	Case, fan
43	200 916-0111 0	2	Cushion
44	900 515-0000 6	2	Nut, flange
47	300 328-0321 0	4	Washer
48	433 020-0083 0	2	Nut
49	300 300-0321 0	2	Harness
50	300 322-0321 0	2	Pad, shoulder
51	300 610-0291 1	1	Hanger
52	300 105-0291 0	1	Cushion
53	900 242-0501 2	10	Screw
54	300 614-0291 1	1	Bracket

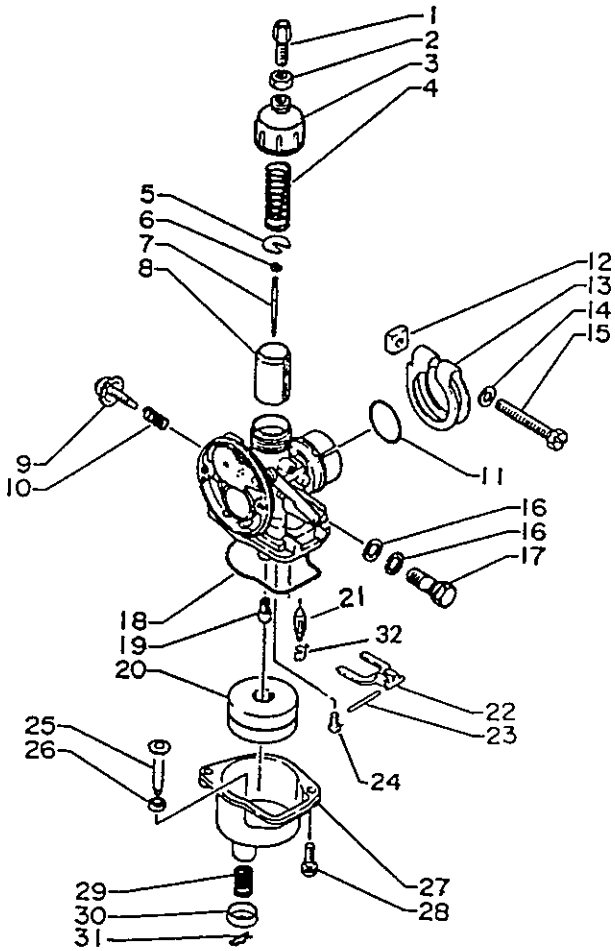
Key	Part No.	Q'ty	Description
55	200 906-0291 0	2	Cushion
56	300 615-0291 1	1	Bracket
57	200 924-0291 0	4	Screw
58	900 216-0501 4	2	Screw
59	300 319-0161 1	2	Ring
60	900 242-0501 0	2	Screw
61	900 500-0000 6	1	Nut
62	900 602-0000 6	1	Washer
63	270 206-0291 1	1	Arm, shutter
64	701 020-0111 0	2	Connector
65	701 014-0291 0	1	Rod, dust control
66	300 005-0291 0	1	Frame, backpack
67	900 142-0501 0	2	Bolt
68	701 105-0291 0	1	Bracket, dial
70	701 111-0291 0	1	Dial
71	701 021-0291 0	2	Knob
72	701 005-0291 1	1	Lever
73	178 010-0291 0	1	Control, throttle
74	890 157-0371 0	1	Decal
75	900 700-0000 3	1	E-ring
76	178 018-0291 0	1	Swivel
77	900 242-0501 2	2	Screw
79	900 242-0401 0	2	Screw
80	900 246-0301 6	2	Screw
81	163 412-0066 0	2	Spring
82	163 410-0066 1	2	Knob, switch
83	163 414-0291 0	1	Rod, stop switch
84	178 021-0291 0	1	Adjuster
85	900 502-0000 6	1	Nut
86	701 110-0291 0	1	Holder, lever
90	132 200-0066 1	1	Valve ass'y
91	163 910-0066 0	1	Cover, switch
92	178 016-0291 0	1	Tube
93	178 001-0331 0	1	Wire, throttle
94	162 021-0291 0	1	Lead
95	162 010-0291 0	1	Lead, ground
97	132 511-0066 0	1	Spacer
98	900 142-0401 0	1	Bolt



Key	Part No.	Q'ty	Description
3-10	363 014-0031 0	1	Tube
11	357 013-0021 0	1	Clamp
15	254 210-0321 0	1	Filter, tank
16	382 011-0111 0	1	Tube
17	357 023-0111 0	5	Clamp
19	253 000-0291 1	1	Plate
20	357 010-0111 0	1	Connector
21	357 014-0111 0	1	O-ring
23	357 015-0111 0	1	Nut
24	363 023-0111 0	1	Clip
26	357 911-0011 0	1	Clip
27	357 012-0111 0	1	Pipe
28	358 100-0111 0	1	Valve
29	357 032-0111 0	1	Pipe
*	212 500-0111 1	1	Nozzle ass'y
30	.212 515-0111 0	1	Collar

Key	Part No.	Q'ty	Description
31	.212 514-0111 0	1	Nut
32	.212 513-0111 0	1	Ring
33	.222 000-0111 0	1	Nozzle
34	.212 501-0111 1	1	Head, nozzle
35	.900 246-0501 2	1	Screw, nozzle
42	895 410-0043 0	1	Wrench, box
43	895 123-0383 0	1	Spanner
52	890 132-0111 0	1	Label
53	270 100-0291 1	1	Shutter ass'y
54	.270 119-0291 1	1	Gasket
55	250 016-0111 0	1	Plug





Key	Part No.	Q'ty	Description
4-	120 000-0331 2	1	Carburetor ass'y
1	. 120 158-0362 0	1	Adjuster, cable
2	. 120 111-0473 0	1	Nut
3	. 120 113-0241 0	1	Cover, top
4	. 120 114-0331 0	1	Spring, throttle
5	. 120 115-0802 0	1	Seat, spring
6	. 120 116-1021 1	1	E-ring
7	. 120 103-0331 0	1	Needle, jet
8	. 120 118-0331 0	1	Valve, throttle
9	. 120 159-2793 0	1	Screw, idle speed
10	. 120 160-0132 1	1	Spring
11	. 120 125-0231 0	1	O-ring
12	. 120 151-1021 0	1	Nut
13	. 120 146-0022 0	1	Clip
14	. 900 600-0000 5	1	Washer
15	. 120 147-0291 0	1	Screw
16	. 120 130-1021 0	2	Gasket
17	. 120 131-0012 0	1	Bolt, banjo
18	. 120 123-1021 0	1	Gasket, chamber
19	. 120 122-0331 0	1	Jet, main
20	. 120 133-0573 0	1	Float
21	. 120 120-0573 1	1	Valve, float
22	. 120 121-2743 1	1	Arm, float
23	. 120 132-1021 1	1	Pin, float
24	. 900 220-0400 6	1	Screw
25	. 120 177-0331 0	1	Shaft, link
26	. 120 178-0331 1	1	O-ring
27	. 120 124-0331 1	1	Chamber, float
28	. 900 241-0401 2	2	Screw
29	. 120 179-0331 1	1	Spring
30	. 120 180-0331 1	1	Collar
31	. 120 181-0331 2	1	E-clip
32	. 120 182-2243 0	1	Clip

MEMO





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