

Premium Technology & Unrivalled Endurance
MULTI INTERNATIONAL GOLD MEDALS & AWARD WINNING LAWN EDGERS & TILLERS

TILLER/MULCHER

Gasoline Model 730, 740, 750

ACN 000 583 924

- Safety Precautions • Assembling • Service
- Operating and Tilling/Mulching Instructions

Important Manual – Do Not Throw Away

Manual always to be available for reference or instructing new operators.

Introduction: Gasoline Tiller

This Atom Gasoline Tiller is designed to the highest standards to ensure you many hours of uninterrupted service. Pay special attention to the safety precautions. Only persons who understand this Manual are to operate the Tiller.

To receive maximum performance and satisfaction from your Tiller, it is important that you read and understand the maintenance and safety precautions before using the unit. Contact your Atom dealer or the Atom distributor in your area if you do not understand or cannot carry out any of the operating instructions in this Manual.

Atom's philosophy is to continually improve all of its products. As a result, engineering changes and improvements are made from time to time. Appearances may differ between models. This manual covers information required to operate, maintain and service this gasoline Tiller.

AS WITH ANY POWER TOOL IMPROPER USE CAN CAUSE SERIOUS INJURY. Make sure this manual is read and carefully understood before starting or operating this equipment.

SAFETY WARNING The purpose of Safety Warnings and Notes in this Manual is to attract your attention to possible dangers and deserve your careful attention and understanding. The Safety Warnings in this Manual and on the Tiller do not, by themselves, eliminate any danger. The instructions or warnings they give are not substitutes for proper accident prevention measures.

WARNING Failure to obey a safety warning can result in injury to yourself and others.

NOTE Advises you of information or instructions vital to the operation or maintenance of the equipment.



FIG 1

MADE IN AUSTRALIA

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FIG 2 SAFETY WARNING LABELS

Read operators manual

Wear eye protection

Do not expose motor to moisture

15m (50 feet) Keep bystanders away

Blade cover label

WARNING
 KEEP INSIDE OF BLADE GUARD CLEAN, ESPECIALLY IN STICKY CONDITIONS. A CLOGGED GUARD CAN SLOW DOWN OR STOP BLADE ROTATION AND MAY CAUSE DAMAGE TO AUTOMATIC SAFETY CLUTCH. ALWAYS OPERATE BLADE AT HIGH SPEED WHEN EDGING.
DANGER!
 KEEP HANDS & FEET AWAY
 ROTATING BLADE
 DIRECTION OF ROTATION

The information contained in this manual is also available at www.atomindustries.com

SAFETY PRECAUTIONS

⚠ WARNING As with any power tool, the use of the tiller with rotating blades may be dangerous. It is important that you read, fully understand, and observe the following safety precautions and warnings. Re-read this operator's manual and the safety instructions periodically. Read and understand all labels attached to tiller.

⚠ WARNING Do not lend, rent or sell this machine without the operator's manual. Be sure that anyone using this unit understands the information contained in this manual before use.

⚠ WARNING As with any power tool, some special safety precautions must be observed to reduce the risk of personal injury. Careless or improper use may cause serious or even fatal injury.

Safe use of an Atom Tiller involves:

1. The Operator.
2. The Atom Tiller.
3. The use of the Atom Tiller.

THE OPERATOR

PHYSICAL CONDITION

Operator must be in good physical condition and mental health, and not under the influence of any substance (drugs, alcohol, etc.) which might impair vision, dexterity or judgement (Fig 3).

Do not operate the Tiller when fatigued. Be alert – if you get tired while operating the machine, take a break. Tiredness may result in loss of control. Working with any power tool can be strenuous. If you have any condition that might be aggravated by strenuous work, check with your doctor before operating the machine.



FIG 3

⚠ WARNING This Tiller must not be operated by minors. Bystanders, especially children and animals should not be allowed in the area where a machine is in use and be at least 15 metres (50 feet) away (Fig 4). If approached switch off motor immediately. **When not in use store the tiller out of reach of children.**



FIG 4

SAFE MAINTENANCE, REPAIR & STORING

Use only original Atom replacement parts for maintenance and repair. Use of parts manufactured by others will void warranty and/or may cause serious or fatal injury.

PROPER CLOTHING

Clothing must be sturdy and snug-fitting, but allow complete freedom of movement (See Fig 5). Avoid loose-fitting jackets, flared or cuffed pants, or anything that could trip the operator. Wear overalls or long pants to protect your legs. **DO NOT** wear shorts. Use of gloves when working with the Lawn Tiller is recommended. Good footing is most important. Wear sturdy shoes with nonslip soles. **DO NOT** wear sandals, open footwear (flip-flops) or operate with bare feet. In hot or sunny conditions, always wear a hat and long sleeve shirt for protection against skin cancers. Use of a good brand of sunscreen cream is also recommended on exposed skin surfaces.

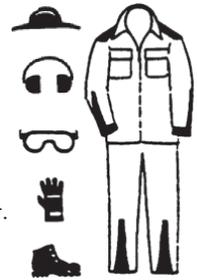


FIG 5

⚠ WARNING Proper eye protection is a must. The blade cover may not protect the operator from all moving foreign objects, even though the discharge is directed away from the operator, as ricochets and bouncebacks may occur during tiller operations. Never operate an Atom Tiller unless wearing goggles or properly fitting safety glasses with adequate front and side protection which comply with ANSI Z 87.1.

⚠ WARNING Replace immediately any worn or broken debris deflector shield or blade cover. Check from time to time that all screws are tight. Never operate your machine if it is damaged, improperly adjusted or not completely and securely assembled.

⚠ WARNING Always stop the motor, make sure that the tines have stopped, before adjusting tine height. Before doing any adjustment, maintenance or repair work, or cleaning the unit or tines, disconnect extension cord.

Follow the maintenance instructions in the appropriate section of this manual. Any motor repairs should be carried out by a person with suitable servicing experience.

SAFE STARTING & WORKING CONDITIONS

Always inspect that the unit is in good working order before use. When working with the Atom Tiller, always wrap your fingers tightly around each handle grip. Keep your hands in this position to have your machine under control at all times. **NEVER** attempt to operate the Atom Tiller with one hand, as a loss of control may result in serious or fatal injury. Make sure the handle grips are in good condition and free of moisture, oil or grease. Use both hands, one on each handle, to operate and control the edger. Do not overreach. Keep proper footing and balance at all times.

ASSEMBLING THE ///ATOM® TILLER

FIGURE 6

Fit the handles #1 and #5 to the cross frame #7 fitting screw #8 and nut #9 loosely. Use straight bladed or Torx 2.5 screwdriver.

Insert long bolt #2 through the head retainer #3 through handle #1 and tiller body #4 through other handle #5.

Screw large wing nut #6 on protruding bolt and screw up tightly. Retighten screws holding handles #1 and #5 to cross brace #7.

Insert trigger handle #10 into right hand tube (Fig 6B) so cable goes under engine and over handle cross brace. Use screw #8 and nut #9 to secure trigger handle to tube.

Insert left handle #11 into left handle tube and screw on. Clip throttle cable and switch wire into place with cable clamp #12.

Attach wheel arm axle #13 through O Ring #14, then through tiller body #4. Pull bolt #15 through hole in wheel arm axle #13, fit washer #16 and nut #17.

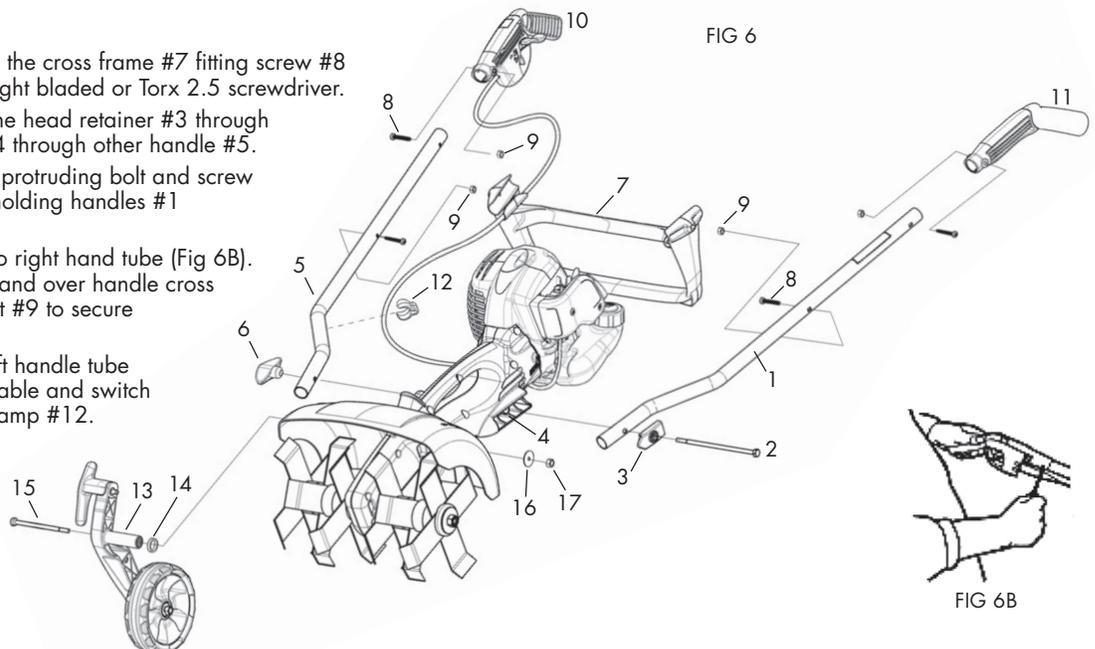


FIG 6B

PARTS & CONTROLS

- 1+2. The handles of the Tiller are held by both hands.
3. The throttle interlock which releases the throttle trigger which increases speed of engine for automatic safety clutch to engage and thus rotate tines.
4. RUN/STOP switch.
5. Starter grip the grip of the pull starter which is the device to start the engine.
6. Handle nut for holding handles onto housing.
7. Depth adjustment for adjusting wheel to regulate tine depth.
8. Tine cover reduces the risk of flying debris and direct contact with the feet or hands.
9. Handle to lift Tiller.
10. Tines rotate when engine speed is increased above idle.
11. Tine holdings nuts RH (shown) & LH thread on each end of tine shaft.
12. Wheel for moving and guiding tiller.
13. Cross Brace, attaches downward on handle.
14. Left and right Handle Tubes.
15. Fuel tank cap, for sealing the fuel tank filler.
16. Fuel Tank.
17. Filter housing covers the air filter element.
18. Muffler reduces noises and drives gases away from operator.
19. Spark Plug terminal cap connects the spark plug to the ignition wire.

20. Fuel pump primer provides additional fuel for a cold start.
21. Warning Label.
22. Lift knob to remove cover.

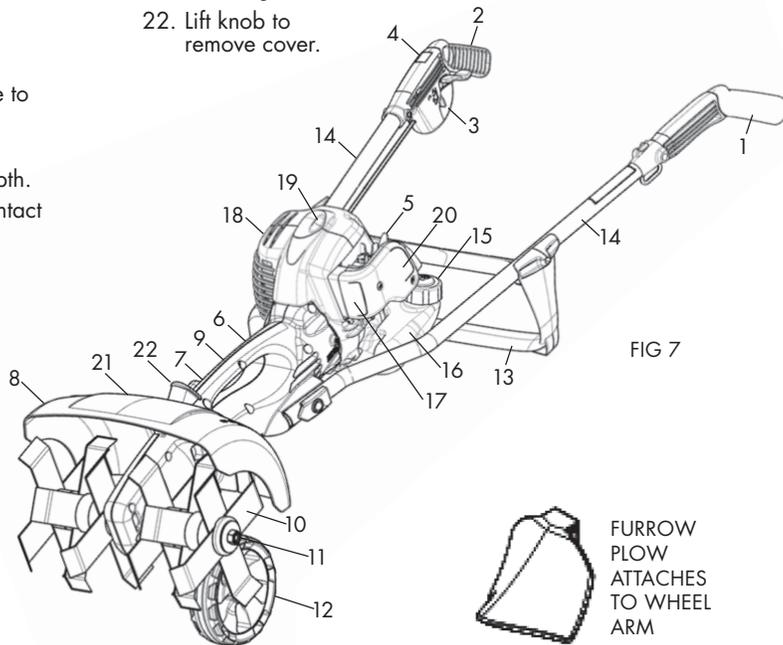


FIG 7

FURROW PLOW ATTACHES TO WHEEL ARM

FUEL MIX – 2 STROKE ENGINES

USE AN OIL AND GASOLINE MIXTURE. IMPORTANT

Two-cycle fuel separates and ages. Do not mix more than you will use in a month. Using old fuel can cause difficult starting or engine damage. Shake fuel container to thoroughly mix fuel before each use. Do not attempt to run your engine on gasoline only; this will cause engine failure and void engine warranty. Do not use outboard engine motor oil. Only use specialised 2-stroke oils from lawn and garden equipment shops.

REMEMBER...

- Always mix two-cycle oil with gasoline before fuelling your tiller. Never, ever run your 2-stroke engine on gasoline alone. This will ruin your engine and void all warranties.
- Always use a clean gas can and always use unleaded gas.
- Never try to mix the oil and gasoline in the engine fuel tank.
- Always mix oil and gas in the proper proportions: 125ml of two-cycle engine oil to 4 litres of unleaded gasoline. Fig. 8.

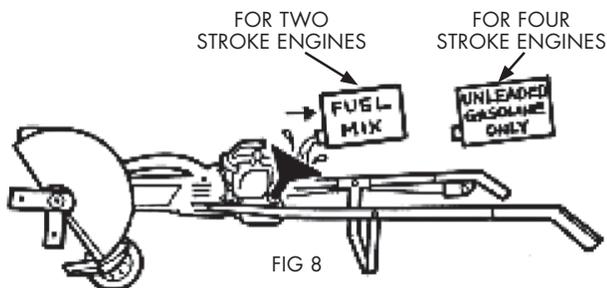


FIG 8

FUEL & OIL – 4 STROKE ENGINES

1. Use clean, fresh unleaded gasoline.
2. Use clean engine manufacturer's recommended oil (see separate booklet supplied with 4 stroke engine supplied) or SAE 10-30W synthetic oil. Fill crankcase to correct level.

WARNING Using non-synthetic oil or 2 stroke oil will shorten engine life.

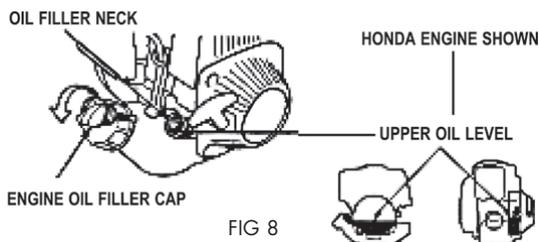


FIG 8

3. ALWAYS check your oil every second or third fill. Regular check of oil levels is essential. Change oil after first hour then every 6 hours. Lack of oil and infrequent change of oil will destroy engine.

Refuel outdoors only. **Always switch off the engine and allow it to cool before refueling. Relieve fuel tank pressure by loosening fuel cap slowly.** Never remove fuel filler cap while engine is running.

Select bare ground for fueling, then move at least 3 metres (10 feet) from the fueling spot before starting the engine. Wipe off any spilled fuel before starting your Atom Tiller and check for leakage. Always use a funnel to fill the tank.

Always tighten fuel filler cap securely after fueling.

! NOTE Ethanol based fuels (E10) are not recommended as Ethanol can absorb water if left in fuel tanks for long periods, causing hard starting and blockages.

SAFE FUELING INSTRUCTIONS

! WARNING Gasoline is an extremely flammable and explosive fuel. Use extreme caution when handling gasoline. Do not smoke or bring and fire or flame near the fuel (Fig. 8).



STARTING & STOPPING INSTRUCTIONS

Place Tiller on ground in horizontal position. See Fig. 13 below.

COLD START

1. Switch engine on (Fig. 10). Push "Run" down. Engine starts on idle.
2. Slide choke lever up to full choke position (Fig. 11).
3. Press and release the primer bulb 10 times (Fig. 12). For first time starting press bulb 20 times to clear any air out of fuel lines.
4. Make sure you have a firm footing. Hold down motor with left hand. Put one foot lightly on cross brace. With right hand pull the starter grip slowly until you feel it engage – and then give it a pull (Fig. 13).
5. When engine starts to run allow it to run on half choke for a few seconds to warm up, then push choke down to engine run position.
6. Throttle Trigger (engine accelerator control is operated by pushing down interlock with thumb and pulling on trigger (Fig. 10).

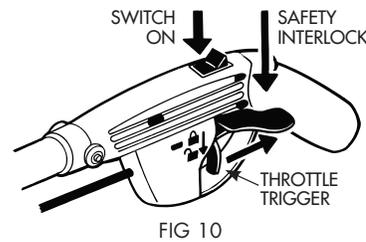


FIG 10

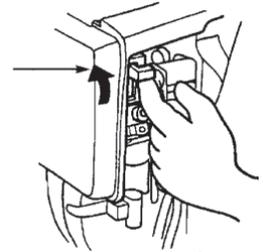


FIG 11

HOT OR WARM START

7. Switch ignition on and follow instruction 3 to 6.

FLOODED ENGINE

8. Pull starter rope up to 10 times to clear excess fuel.
9. If engine has excessive fuel that cannot be cleared, remove spark plug from engine and from spark plug terminal, crank engine to clear excess fuel, wipe and dry spark plug of all fuel, re-install spark plug terminal, and restart as above. Otherwise allow to stand for 30 minutes before restarting.



FIG 13

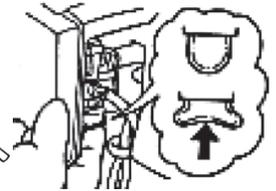


FIG 12

COMBINATION CULTIVATING, TILLING, ROTARY HOEING

1. The Atom Tiller is very easy and simple to use. It only takes a few minutes to become an efficient user.
2. Thoroughly inspect the area where the tiller is to be used and remove all long grass, stones, sticks, wires and other foreign objects.
3. Adjust tine depth (Fig. 15A or 15B). Try the third hole closest to operator.
4. Start motor and, with both arms fully extended downwards, (Fig. 15C), hold both handle grips firmly.
5. As tilling action begins, the tines dig and move the tiller forward.
6. **NOTE:** to reduce "Forward Pull" of tiller, adjust wheel arm for shallower depth.
7. Continue at a moderate pace until you are familiar with the controls and handling of the Atom Tiller.
NOTE: after allowing the tiller to cultivate 500mm you can pull it back towards you and then allow the unit to move forward again. You can repeat this procedure over the area you are cultivating. Always have a firm footing.
8. Mulching. The tiller is ideal to mix, cut lawn clippings, leaves etc into your garden bed. This method accelerates mulching/composting process. See page 5.
9. To go deeper adjust wheel arm adjustment forward or lift handles. To go shallower adjust wheel arm adjustment rearwards or push handles down.

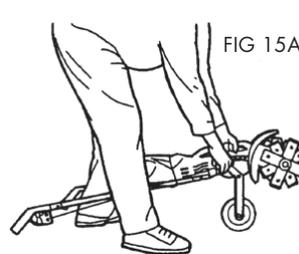


FIG 15A

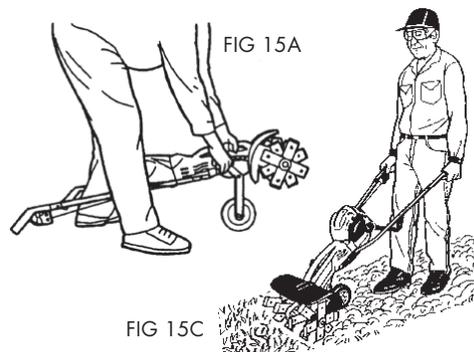
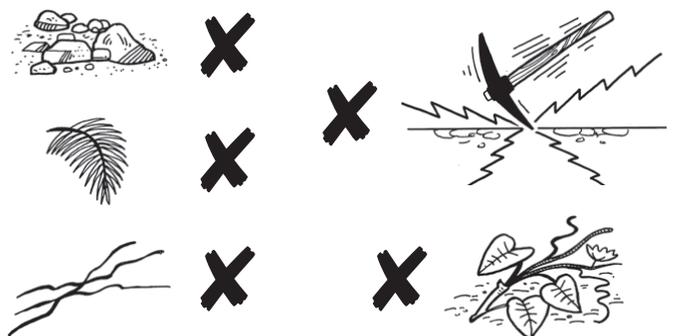


FIG 15C



FIG 15B

Very hard ground, clay or rocky conditions: The Atom rotary tiller is NOT DESIGNED for very hard ground, hard or rocky conditions. These kind of soil will not make a good garden bed. NOT recommended for ground covered with palm leaves, vines, wire or long grass as it will clog the tines and will not till ground.



⚠ WARNING Operate unit carefully. Be very careful walking backwards as you may trip, fall and injure yourself. Always have a firm footing.

! NOTE The Atom Tiller is not designed for large areas where heavier duty equipment should be used.

If tines jam or stop (tines no longer rotates) pull unit back as it could release blockage. Switch motor off. Place machine upright with handles on ground (Fig. 15) Remove obstruction.

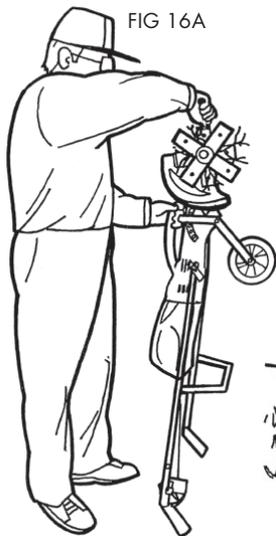


FIG 16A

Clutch: The Atom Tiller is equipped with a centrifugal clutch.

DO NOT run tiller at low speeds (or, if jammed) as clutch shoes will prematurely wear and cause damage, Fig. 16B.

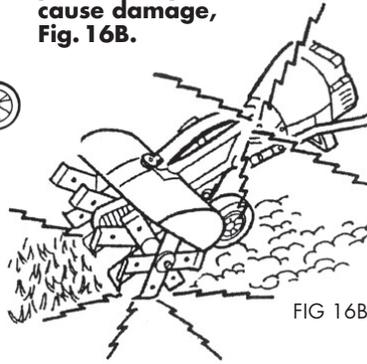


FIG 16B

! NOTE

Keep inside of tiller guard clean, especially in wet conditions. A clogged guard can slow down or stop tine rotation and may cause damage to automatic safety clutch. Remove any tangled grass or wires around tines.

Clean tines of grass, rocks and sticks, always using gloves as the tines are self sharpening and are very sharp. You could cut yourself. Remove tine cover as follows. Lift knob Fig. 17A twist and slide cover forward Fig. 17B. If jammed cover can be tapped off with a soft hammer.

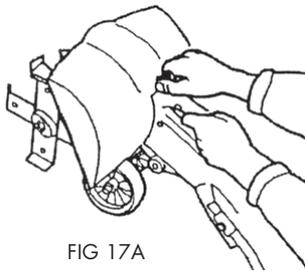


FIG 17A

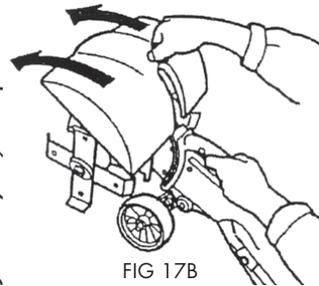


FIG 17B

Levelling uneven ground: The tiller if used carefully can level uneven ground for a good garden bed. Use your arms to work the tiller forwards and backwards.

After levelling pre-work all surfaces to prepare the new flat bed. Use a rake to smooth out and tidy up.

The tiller can be transported by pushing it on its wheel.

Very hard ground, clay or rocky conditions: The Atom rotary tiller is NOT DESIGNED for very hard ground, hard or rocky conditions. These kinds of soil will not make a good garden bed.

! WARNING TO AVOID PERSONAL INJURY, NEVER CARRY THE TILLER WHILE IT IS RUNNING.

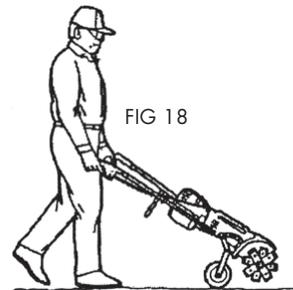


FIG 18

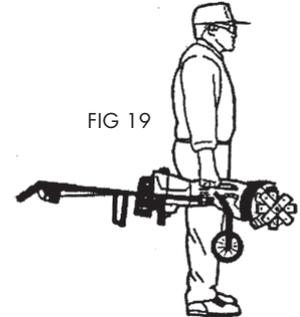


FIG 19

The Tiller can be easily moved as shown above. Stop the motor prior to lifting or carrying Fig. 19

AFTER FINISHING WORK

Storing: Keep the unit in a dry place until you need it again.

MULCHING

Using an Atom Tiller is a highly efficient method of creating a compost heap in the corner of your garden. This nutrient rich mulch and compost can be used to improve existing beds and stimulate rapid earth worm activity.



It only takes a few minutes to produce compost. Make a pile of leaves, lawn cuttings and other small leafy or vegetable matter, about 500mm high. Place some soil on top and spray with water. Use your Tiller to break it up into small pieces. Make the pile as big as you like.

Repeat a week later. Leave for another week and it is ready for use. You can add to the compost any time you wish.

TROUBLESHOOTING

PROBLEM

CAUSE

REMEDY

<p>Engine will not run or runs and stops.</p> <p>↓</p> <p>Dirt in carburettor: Clean.</p>	<ol style="list-style-type: none"> 1. Ignition switch is OFF. (p4) 2. Choke ON. (p4) 3. Partially empty fuel tank. (p3) 4. Primer bulb not pushed enough times. (p4) 5. Engine is flooded. (p4) 6. Dirty or blocked fuel or air filter. (p6) 	<ol style="list-style-type: none"> 1. Ignition switch to be in run position. 2. Push choke off (down). 3. Fill tank. 4. Press primer bulb fully and slowly 10 times. 5. Use correct start procedures. 6. Clean or replace fuel or air filter.
<p>Cutting tines do not turn when operating.</p>	<ol style="list-style-type: none"> 1. Tine and cover filled with dirt, grass, sticks and rocks. (p5) 2. Clutch slipping. (p5) 3. Loose tine nut. (p7) 4. Choke partly on. (p4) 	<ol style="list-style-type: none"> 1. Clean. 2. Less depth. Check tines are rotating. 3. Tighten tine nuts both sides. 4. Slide choke off.

WORKSHOP INSTRUCTIONS

NOTE: This information is for persons with suitable servicing experience should this unit ever require workshop repair.

LUBRICATION OF GEARS

Atom's unique low revolution final drive ensures long gear life and no lubrication requirements during the life of the product.

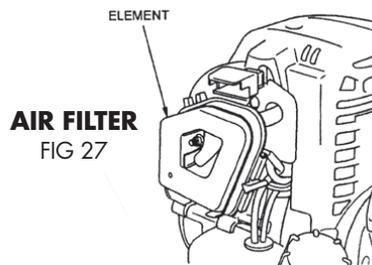
TO REMOVE WHEEL ARM

Undo 1/4 hex bolt and pull wheel arm thru casing.

AIR AND FUEL FILTER MAINTENANCE ON HONDA

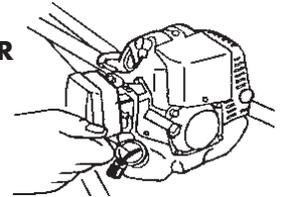
! NOTE Clean and re-oil the air filter every five hours of operation or daily.

1. The air filter (Fig. 27) is one of the most important areas to maintain. If it is not maintained, you will void the warranty. Before cleaning, make sure the unit is turned off.
2. If filter torn or dirty replace.
3. Wash the filter in detergent and water. Rinse the filter thoroughly and allow it to dry.
4. Apply enough clean SAE 30 or 2-stroke oil to saturate the filter when squeezed. Squeeze the filter to spread the oil and to remove excess oil. Re-install the filter element.
5. Replace fuel lines every 3 years, sooner if damaged.



The fuel filter can be cleaned by hooking out with a piece of wire and blowing with compressed air.

FUEL FILTER FIG 28



! NOTE

If the unit is operated with dry or dirty filter or without the air filter and/or carburetor air filter cover, you will void the warranty.

AIR FILTER MAINTENANCE ON ATOM TURBO ASSIST (PAT PENDING)

Only required every 30 hours of use. Remove 2 cover screws and lift off cover. Remove filter sponge element, wash oil with detergent and dry sponge. With compressed air carefully blow out any oil in fine filter mesh. Refit foam air filter and screw cover on.

TO REPAIR THROTTLE TRIGGER ASSEMBLY

1. Remove 2 screws and remove cover and all parts. Re-assemble as follows.
2. Fit throttle inter-lock compression spring (Fig. 29).
3. Fit trigger compression spring then trigger. Front of Trigger spring fits over retainer post (Fig. 30).

FIG 29

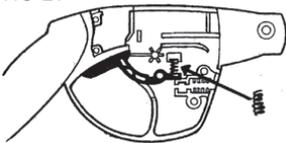
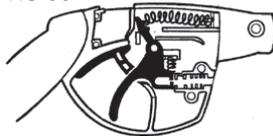


FIG 30



4. Fit throttle cable to casing shown for model 440 (Fig. 31) and 430, 450 (Fig. 32). For model 440 Honda (Fig. 31).

FIG 31

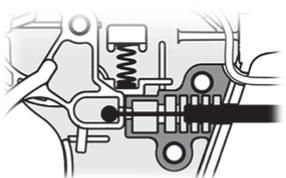


FIG 32

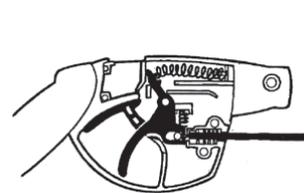
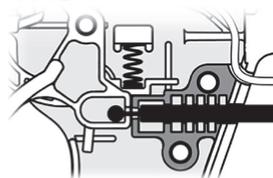
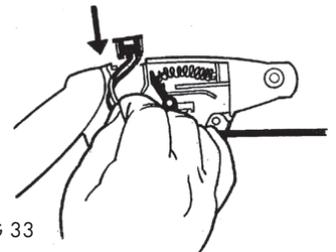


FIG 33



5. Push switch down into handle switch recess. (Fig. 33) and run switch wire as shown (Fig. 34)

FIG 34



FIG 35



6. Hold trigger in place with finger until throttle cover is fitted (Fig. 34) It is then ready for screwing tight (with 2 screws). Ensure throttle cover rear tabs (arrowed Fig. 35) engages underside of handle wall.

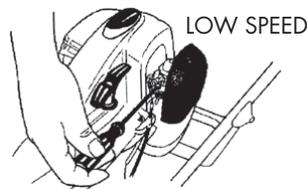
CARBURETTOR

Honda has fixed high and low speed jets. Requires carburettor to be dismantled and cleaned if engine runs incorrectly or is hard to start.

Adjusting idle speed on all engines is similar. To increase engine speed turn screw clockwise. To reduce speed turn anti-clockwise.

Correct idle speed is fast idle that does not allow blades to turn.

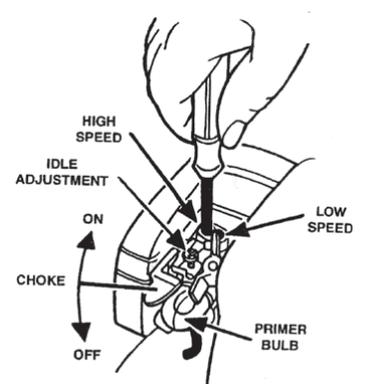
To adjust jets on 430 and 450 engines a Service Tool No. 63627 is required.



LOW SPEED



HIGH SPEED



430 MODEL ADJUSTMENTS

450 MODEL ADJUSTMENTS

LOOSE TINES

Check that all tines are in correct position and are tight together, no gaps or foreign material between them. Tighten nut clockwise on LH side of unit (Fig.30A) and anti clockwise on RH side (Fig. 30B) as shown on top of tine cover.

! NOTE Tines are self tightening. Excessive tension is not required.

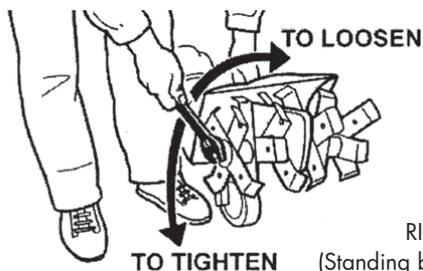


FIG 30A

RIGHT HAND SIDE
(Standing behind tine cover)

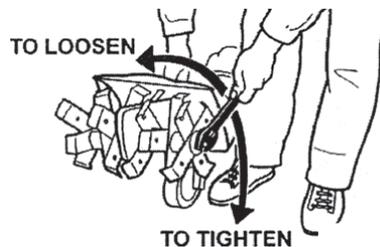
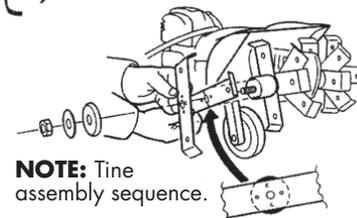
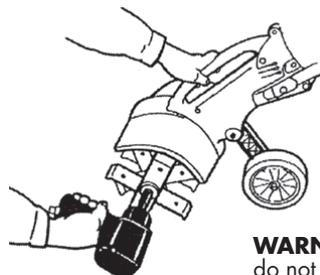


FIG 30B

LEFT HAND SIDE
(Standing behind tine cover)



NOTE: Tine assembly sequence.

WARNING: When using air tools to remove nut, do not overtighten when refitting.

TILLER PARTS LIST MODELS 730, 740 & 750

KEY#	PART #	DESCRIPTION
1	40650	SCREW M5 X 36MM
2	40651	SCREW M6 X 16
3	40652	NUT NYLOC 5MM
4	42111	WHEEL SEAL 27.2 X 12.6
5	43172	NUT NYLOC 3/8" UNC
6	43173	NUT RH M12 X 1.75MM
7	43198	TRIGGER COMP SPRING
8	43199	SPRING SMALL
9	43218	WASHER FLAT 3/8"
10	43227	GREASE AND DISPENSER
11	43452	HT ADJ ARM COMP SPRING
12	43790	SCREW 5.5MM FOR PLASTIC
13	43868	BEARING 6003-2RS 4MM SHOULDER
14	44006	NUT 1/4 UNC
15	44060	UNIVERSAL HANDLE TUBE
16	44302	HEIGHT ADJ ARM PIN
17	44318	CLUTCH DRUM CUP 54MM
18	45112	NUT M12 X 1.75 LH
19	63277	WASHER
20	62795	WASHER 30 X 1.6 X 1/4 HOLE
21	62843	HEX BOLT 3.5 X 1/4 BSW
22	62844	HEX BOLT 3 X 3/8" BSW
23	62851WP	TINE SPACER LARGE 45.5MM
24	62852WP	TINE SPACER SMALL 10MM
25	62891	SHAFT TINE 250MM
26	62892	SHAFT TINE 350MM
27	62903	WHEEL SPACER 41.5MM
28	62912	FLANGE HUB
29	62919	NUT NYLOC 1/4" UNC
30	62921	TINE CUP
31	62948	TILLER TINE
32	62982	BEARING WASHER 32 X 18 X 1.6
33	62983	HARDENED WASHER 54 X 12 X 2
34	63002	CABLE THROTTLE
35	63017BS	RH HANDLE WITH RUBBER
36	63019BS	LH HANDLE WITH RUBBER
37	63020WE	CROSS BRACE
38	63021BP	RH HANDLE THROTTLE COVER
39	63022WN	THROTTLE TRIGGER
40	63023WN	THROTTLE TRIGGER INTERLOCK
41	63032	NUT FLANGE 3/8" UNC
42	63049	HEX BOLT 6.5 X 1/4 BSW
43	63901MA	MANUAL TILLERS GAS
44	63065	WARNING LABEL TILLER GUARD
45	63187BN	CAPTIVE PLATE 1/4" HEX
46	63488A	HANDLE KNOB AND NUT
47	63217BN	CLIP FOR HANDLE CABLE & WIRE

KEY#	PART #	DESCRIPTION
48	63261	SPACER SHAFT 10MM
49	63269	ROLL PIN 6 X 30
50	63275	ROLL PIN 5 X 30
51	63224	O'RING 20 X 2mm
52	63806RN	MOUNT/COWL GX 25
53	63368	GEAR CROWN 10/1
54G	63968GP	TILLER BODY LH + RH WITH 3 SCREWS
55R	63968RP	TILLER BODY LH + RH WITH 3 SCREWS
56	63376WP	WHEEL ARM TILLER
57	63377WP	HEIGHT ADJ HANDLE TILLER
58	63378WP	TILLER COVER KNOB
59	63380WE	COVER TINE 250MM
60	63381WE	COVER TINE 350MM
61	63384	GEAR SEAL TILLER
62	63781	GEAR HELICAL 12 T (use ASSY 217)
63	63780	GEAR HELICAL 48T
64	63387	SHAFT DRIVE TILLER 276MM (use ASSY 217)
65	63400	SWITCH & WIRE
66		
69	63411A	GEAR PINION WITH SHAFT 69 AND PIN 50
67	63424	ENGINE ATOM 26CC SCF
68	63405	ENGINE ATOM 26CC FCS
70	63439	SEAL U GEAR BOX TILLER
71	63445BP	WHEEL BLACK
72	63466	LABEL HANDLE
73	63474	BEARING 32 X 10 X 12 WITH SEAL
74	63533WE	HOOK EDGER CABLE BODY
75	62972	SEAL
76	63772NN	SPACER
78	63868	WASHER 25 X 17 X 2
79	63003A	ASSY CLUTCH GX 25 (440/740/840)
80	63973A	ASSY CLUTCH (430/730/830)
81	63553	BOLT CLUTCH (450/750/850)
82	63554	WASHER WAVE (450/750/850)
83	63556	WASHER CLUTCH (450/750/850)
84	H22253	BOLT CLUTCH (440/740/840)
85	H22254	WASHER WAVE 440
86	H22255	WASHER CLUTCH (440/740/840)
87	63355	TERMINAL GROUND HONDA
88	43181	SCREW M5 X 12
89	62968	CABLE CONNECTOR
90	63457	WASHER 1/4 X 1/2 X 1.6
91	63169	NUT M6 X 1 ZP
92	43966RN	DEFLECTOR HONDA GX 25
93	63353A	ASSY CLUTCH (450/750/850)

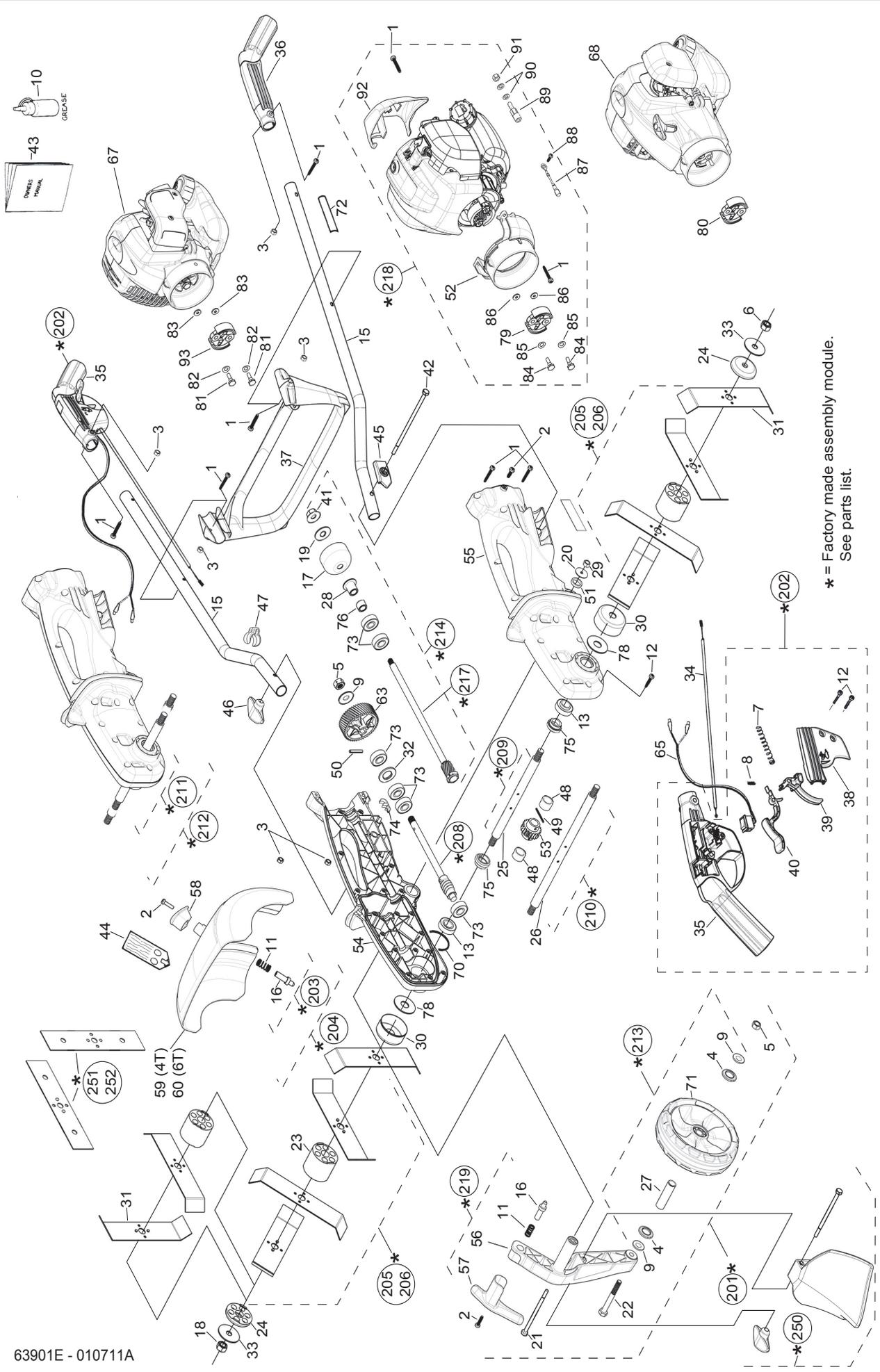
KEY#	PART #	DESCRIPTION
SERVICE ASSEMBLIES		
*201	63871A	ASSY WHEEL ARM AND WHEEL
*202	63433A	ASSY RH HANDLE WITH CABLE
*203	63872AWE	ASSY COVER 250MM
*204	63873AWE	ASSY COVER 300MM
*205	63208	SET OF 8 TINES
*206	63209	SET OF 12 TINES
*208	63411A	ASSY GEAR WORM & SHAFT
*209	63874A	ASSY GEAR CROWN/250MM SHAFT
*210	63875A	ASSY GEAR CROWN/350MM SHAFT
*211	63876GP	ASSY MAIN CASE 250MM WITH ALL PARTS GREEN COLOUR BODY
*212	63877GP	ASSY MAIN CASE 350MM WITH ALL PARTS GREEN COLOUR BODY
*211	63876RP	ASSY MAIN CASE 250MM WITH ALL PARTS RED COLOUR BODY
*212	63877RP	ASSY MAIN CASE 350MM WITH ALL PARTS RED COLOUR BODY
*213	63880A	ASSY WHEEL SHAFT AND SEALS
*214	63881A	ASSY SHAFT GEAR AND CLUTCH DRUM
*215	63035A	ASSY CLUTCH ELECTRIC
*217	63978A	ASSY SPIRAL GEAR AND SHAFT
*218	48004ASE	ASSY HONDA GX 25
OPTIONAL EQUIPMENT		
*250	63222	FURROW ATTACHMENT KIT
*251	63204	8 TINE COMBINATION AERATOR AND DETHATCHING BLADE
*252	63205	12 TINE COMBINATION AERATOR AND DETHATCHING BLADE

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///ATOM GASOLINE TILLER MODELS 730, 740 & 750 - 4 or 6 TINE



* = Factory made assembly module.
See parts list.