



BLUEBIRD INDUSTRIES

INSTRUCTIONS FOR THE USE OF THE EARTH AUGERS *ORIGINAL INSTRUCTIONS TRANSLATION*



**READ CAREFULLY THIS MANUAL BEFORE
USING THE MACHINE**



INSTRUCTIONS FOR THE USE OF THE EARTH AUGERS

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INSTRUCTIONS FOR THE USE OF THE EARTH AUGERS

1.0 SAFETY RULES

1.1 Introduction

The machines and equipment are under constant development and we reserve the right to modify the respective technical data, weights; construction and illustrations contained in this manual are purely indicative and not legally binding.

The earth-auger you have purchased has been designed particularly to prepare the ground for piling, reforestation, or to plant trees, and it can be used also in hilly or mountain areas, even in steep slopes. These earth-augers are useful in farms, forestry firms, garden centers and in yards. The gears are completely made in steel, hardened and tempered.

With the earth-augers you will be able to work in safety and without wasting time. However, just as other similar machines, it will have to be continually under your control and therefore it must be used and handled in an expert way but also with “respect”, that is with great care and attention. In this way you will have a faithful and useful “workmate”.

1.2 Appropriate use

The earth-auger you have purchased must be exclusively used for drilling grounds that will be used for piling, reforestation, trees planting etc.

1.3 General instructions

- Read and understand this manual before operating the unit. Follow all warnings and safety instructions. Save this manual for future reference.
- The earth-auger you have purchased must be exclusively used for drilling grounds that will be used for piling, reforestation, trees planting, etc.
- It must only be used by adults, properly instructed by your seller or qualified responsible.
- Operators are responsible, against things or third parties in the action range of the machine.
- Make sure there are no people, animals or objects in the action range of the earth auger.
- While working, make sure you are always in good physical conditions, rested, not under the effect of alcohol, drugs or medicines.
- Only work in conditions of good visibility and natural light.
- Always be equipped with proper working clothes and adequate means of protection: tight overalls adherent to the body so as to avoid catching on the rotating parts of the machine, protective strong non-skid shoes, protective gloves and helmet, etc.
- Always wear protective cowlings or ear plugs.
- Never use parts which are different from the original ones supplied by the manufacturer; use only original elements.
- Broken or worn out drilling parts or tools, deformed or presenting dents or cracks are never to be used.
- Do not start or run the unit in close rooms. Fuel must be mixed and handled in the open, with stopped engine, away from any heat source, flames or sparks. Smoking is forbidden during this operation.
- Any service, repair and components replacing operation must be carried out with stopped engine and cutters.
- All safety devices of the machine as well as the protection equipment have to be kept operative during the whole functioning period of the unit.
- Pay attention to vibration effects. Work must be interrupted often, with short rest intervals.
- While working, grip firmly the earth-auger with both hands and make sure you are in safe and firm position.
- Pay careful attention to finding the most stable and balanced work position in order to handle the machine with the greatest assurance.
- To avoid serious damage and injury, be extra careful to avoid getting caught up in the rotary movement of this earth auger used for drilling holes in the ground.

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- Especially when drilling in rocky soil, always be prepared for the shock caused by the machine in case it ever strikes big hidden roots or stones.

Special safety warnings for model T-170HO.

Before starting to work, read carefully the safety warnings provided of this manual. Bear in mind the following for model T-170HO:

- never use the earth auger alone; at least two operators must always be on hand.
- pay careful attention to finding the most stable and balanced work position in order to handle the machine with the greatest assurance.
- to avoid serious damage and injury, be extra careful to avoid getting caught up in the rotary movement of this earth auger used for drilling holes in the ground.
- especially when drilling in rocky soil, always be prepared for the shock caused by the machine if it ever strikes big hidden roots or stones.

1.4 Safety signs



Warning, danger, caution.



Read the documentation and safety instructions for the product provided in the manual.



Always wear a helmet, ear protectors and protective goggles during operation.



Always wear safety shoes and gloves.



Sound power level L_{WA} .



Risk of intoxication.



Risk of fire or explosion.

1.5 Machine guards and safety system

Before starting the machine, remember that it is provided with the following set of “safety devices” for your protection:

- Adequate safety guards that provide protection against accidental contact with the machine’s heated surfaces
- Spark-plug cover in nylon or rubber that provides protection against accidental contact with the machine’s high-voltage electrical parts,
- Gas control knob lever with double safety.

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1.6 Inappropriate use and contraindications

The unit must be used for the purposes of use foreseen by the manufacturer, and it is forbidden to use the unit in the following cases:

- Without the indicated protective guards (see par. 1.3) and/or with the safety trigger disassembled, broken or missing (see par. 1.5),
- Setting up of the earth auger in discordance with the indications of the manual,
- in areas with risks of explosion or in places where there exists a risk of fires,
- for operating the unit on materials different from those advised by the manufacturer,
- in conditions of dangerousness or malfunctioning of the machine,
- for improper use of the machine or when used by untrained personnel,
- for use contrary to the adopted regulations,
- in case of defects / malfunctioning in the fuel feeding of the engine,
- when lacking the regular maintenance,
- after modifications or non-authorized operations,
- partial or total failure to comply with the manual instructions,
- use with materials and tools different from those indicated by the manufacturer.

INSTRUCTIONS FOR THE USE OF THE EARTH AUGERS

2.0 TECHNICAL CHARACTERISTICS

2.1 Main parts

Main parts (Fig. 1):

- 1) Mixture tank
- 2) Handle
- 3) Carburetor/Air casing
- 4) Gear box
- 5) Auger
- 6) Throttle lever
- 7) Starting handle

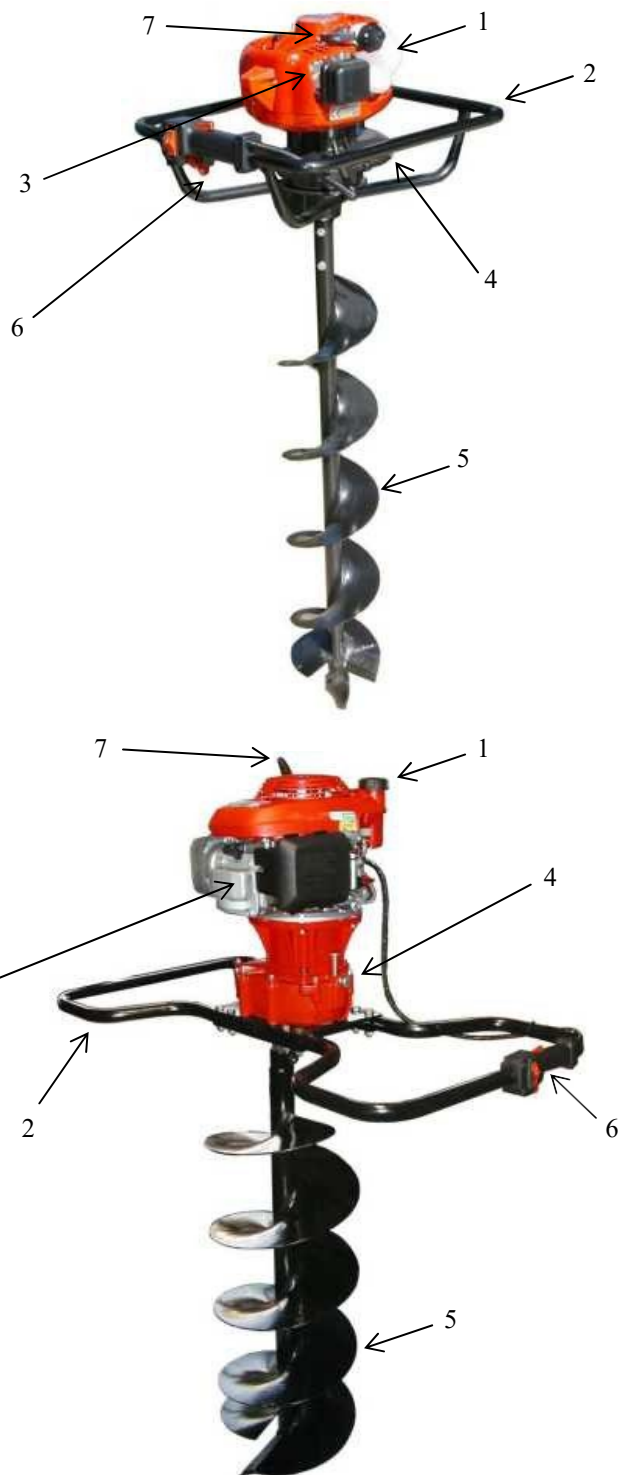


Fig. 1

2.2 Technical data tables

MODEL	NEA 450 ST	NEA 560 ST	NEA 610 ST	NEA HO35	NEA HO50	NEA 431	NEA 521	NEA TJ 45 E	NEA TJ 53 E	T-170HO
DimensionS [mm]	430 x 700 x 430 h									1130 x 590 x 610 h
Weight without auger [kg]	10±5%									29
Clutch	Automatic - centrifugal									
Gear	To lubricate with: grease Reduction ratio: 1:40									To lubricate with:oil SAE 90 Reduction ratio:1:59.7
Revolution	180±20 rpm									50 rpm
Max. drilling Ø	250									400
Level of sound pressure (L _{pA} av) according to EN ISO 3744 [dB]	91	92	92	85	92	88	90	89	90	71
Level of sound power (L _{WA} av) according to EN ISO 3744 [dB]	111	112	112	105	112	108	110	109	111	105
Vibration: $\bar{a}_{(h,w)}$ weighted average values between minimum rpm and racing without load according to 2002/44/EC [m/s ²]	13 (SX) 13 (DX)	14 (SX) 14 (DX)	13.5 (SX) 13.5 (DX)	13.9(SX) 9.9 (DX)	14(SX) 10 (DX)	13 (SX) 13 (DX)	13 (SX) 13 (DX)	13 (SX) 13 (DX)	13.5 (SX) 13.5 (DX)	12.5 (SX) 12.5 (DX)
Type of engine*	B.B.I. N 44E ST	B.B.I. N 56E ST	B.B.I. N 61E ST	HONDA GX 35	HONDA GX 50	KENDO C43	KENDO C52	KAWASAKI TJ 45	KAWASAKI TJ 53	HONDA GCV 170
Max. power [kW]	1.60	1.80	2.00	1.20	1.47	1.25	1.46	1.60	2.00	3.60
Fuel	Mixture petrol/oil									Petrol
* For the technical data of the engine, please refer to the ENGINE INSTRUCTION MANUAL (DX)-(SX):(right) – (left) handgrip Uncertainty of measurement: level of sound pressure/power = ± 2 dB ; vibration = 10 %										

INSTRUCTIONS FOR THE USE OF THE EARTH AUGERS

3.0 ASSEMBLY



Make sure that all parts have been assembled correctly before starting to work.

3.1 Assembly of parts



Fig. 2



Fig. 3



Fig. 3A



Fig. 3B



Fig. 4



Fig. 5

Handlebar: Fasten the engine-reduction unit to the handlebar using the 3 screws provided (Fig. 2).

Throttle cable connection:

for easier assembly of the throttle cable, we recommend removing the air casing from the carburetor filter.

The throttle cable that exits from the accelerator handle has a threaded terminal at its end, a nut screwed onto the terminal, and a steel accelerator cable emerging from the terminal (Fig. 3).

Take the throttle cable and insert one end into the carburetor throttle valve's rotary pawl. Then position the threaded terminal in its housing in the cylinder cover and pass the steel cable beneath the respective seat. (Fig. 3A).

Screw the terminal into the engine cylinder cover and adjust the nut to eliminate excess play between cable and sheath in order to permit correct and progressive acceleration (Fig. 3B).

In the NEA TJ53E model the adjustment of the terminal is fastened by a lock nut.

This terminal is a CE-approved safety measure that serves to prevent the accidental acceleration of the machine if the cable ever gets caught during work.

Now connect the ground cable's eyelet terminal to one of the four screws that fasten the cylinder cover to the clutch case support and then connect the female faston connector to the male faston connector coming from the coil inside the engine (Fig. 4).

Earth auger assembly: now that the engine unit and the handlebar have been assembled, insert the shaft that comes out of the reduction unit into the earth auger's hole and fasten it in place using the two screws provided (Fig. 5)

INSTRUCTIONS FOR THE USE OF THE EARTH AUGERS

3.2 Assembly of parts on earth-auger model T-170HO



Fig. 6

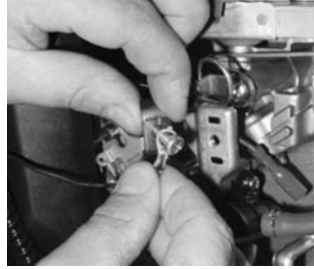


Fig. 7

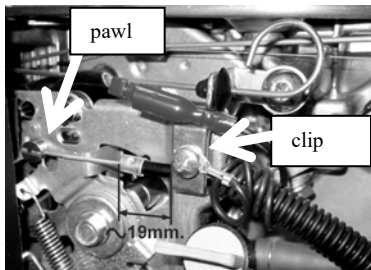


Fig. 8

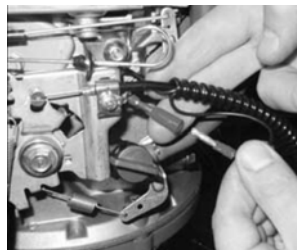


Fig. 9

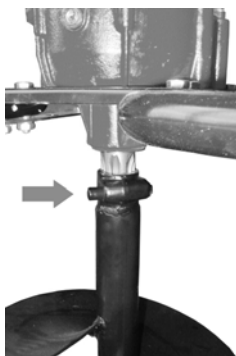


Fig. 10



Fig. 11

1. Fasten the reduction unit complete with its handlebar support plate and engine to the handlebar using the eight screws provided (Fig. 6).

2. Connect the ground cable's eyelet terminal to one of the engine's screws (refer to Fig. 7 for model T-170HO).

3. **Only for model T-170HO:** connect the throttle cable to the engine carburetor lever pawl and fasten the cable's sheath to the fastening terminal in such way that the black sheath's iron terminal sticks out of about 19/20 mm. (see Fig. 8). After fastening, make sure that correct and progressive acceleration can be performed and that the carburetor lever accelerates completely until it comes to a stop.

4. Connect the ground cable's female faston connector with the male faston connector that comes from the engine (refer to Fig. 9 for model T-170HO).

5. For the assembly of the earth auger, insert the shaft that comes out of the reduction gear into the hole in the earth auger by pressing the grooved bushing's coupling device, which will serve as a retainer when released after pressing (Fig. 10).

6. **For model T-170HO:** assemble the air filter in its housing on the engine. This air filter is supplied disassembled in order to prevent the filter from getting soaked with oil. During transport, oil can leak from the engine if it is tilted by more than 20°. For this reason, we recommend that whenever you are required to move the earth auger, always disassemble the filter from the casing in order to eliminate the risk that it gets soaked with oil (Fig. 11).



Important ! Follow the instructions provided in the HONDA, KAWASAKI operation and maintenance manual for all operations to be performed on the engine (such as the oil and fuel to use, starting, safety and maintenance operations, etc.).

3.3 Lubricating oil for reduction units in model T-170HO



Fig. 12



Important! The earth auger is supplied without oil in either the engine or the reduction unit.

Before starting to work, add oil (SAE 90) to the reduction unit through the filling hole. After filling, the oil should be visible through the sight glass that also serves as the filling plug (see Fig. 12).

Note: we recommend checking the level of oil inside the reduction unit regularly in order to make sure that a constant quantity of around 1 kg is always present.

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3.4 HONDA engine oil for model T-170HO



Follow the instructions provided in the HONDA GCV 170 engine operation and maintenance manual for the type and quantity of oil to use and subsequent top-up operations.

Important: after filling the engine with oil, never tilt the machine by more than 20°; the machine can be laid on the ground only on the side indicated by the sticker on the engine.

Failure to ignore the rules above raises the risk of irreparable damage to the engine's air filter. Replace it, if it gets soaked with oil.

4.0 STARTING

4.1 Overview

Make sure that all the parts of the earth auger have been correctly assembled and that all safety devices operate perfectly before starting the machine.

4.2 Fuel for 2-stroke engines

Use a mixture of petrol and oil for the 2-stroke engines. We recommend using synthetic oil specifically formulated for 2-stroke engines subjected to heavy-duty use and mixing as prescribed (usually 2%) on the oil's container. Whenever mineral or semi-synthetic oil is used, adopt a 5% percentage of oil.

Synthetic oil reduces the formation of ash and scales in the spark plug, the piston, the cylinder and the muffler as well as the exhaust fumes leaving the latter while also optimizing the lubrication of the engine for longer working life. It is important to use high-quality petrol and oil and to use the mixture prepared within three/four weeks of mixing.

Mix the petrol with the oil before adding it to the tank, and perform this operation in an open area with good ventilation, far from sparks and flames and sources of non-electric light, without smoking, and with the engine off. Proceed to filling the tank by slowly unscrewing the cap and pour in the mixture, being careful to avoid spilling and immediately wiping up any spills that may occur from around the engine. Be careful not to spill any mixture on your clothing.

Start the engine at least three meters away from the place where the fuel tank was filled in order to avoid risk of fire.

Never fill the fuel tank when the machine is hot.

4.3 Fuel for 4-stroke engines

Use only petrol (and not an oil/petrol mixture!) for the 4-stroke engines used in models NEA HO35 and T170HO (GX35 and GCV170 engines).

In any case, follow the instructions provided in the HONDA engine operation and maintenance manual for all specifications regarding fuel for the engine and its satisfactory operation.

Proceed to filling the tank by slowly unscrewing the cap and pour in the mixture, being careful to avoid spilling and immediately wiping up any spills that may occur from around the engine. Be careful not to spill any mixture on your clothing.

Start the engine at least three meters away from the place where the fuel tank was filled in order to avoid risk of fire.

Never fill the fuel tank when the machine is hot.

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4.4 Use of the gas control handle

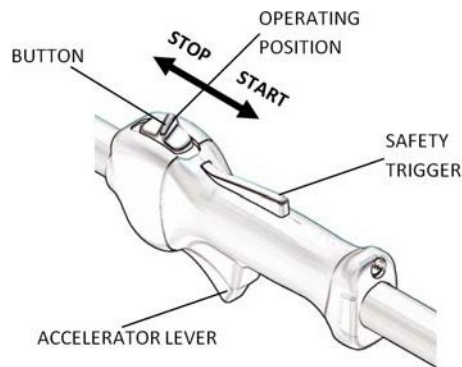


Fig.13

For the correct use of the gas control handle (Fig. 13), the operator must be familiar with all its functions, and in this way switch on the machine and keep the work speed under control.

1) SEMI-ACCELERATION FOR STARTING

- Grip the gas control handle by pressing the red safety trigger position on the top part of the knob with the palm of your hand.
- Press the accelerator lever to the end of its stroke.
- Position the red button in the START position and then release the lever.
- You can now start the machine. The use of the safety trigger is indispensable in order to avoid dangerous accelerations caused by imprudent or accidental handling. If the safety trigger is not pressed first, the accelerator lever cannot be used.

Note: After the engine has started, the button automatically returns to its central position after the first acceleration.

For the machines equipped with KENDO or KAWASAKI engine, please do not follow the above mentioned practice but:

- leave the red button in the operating position;
- rotate the start lever on the starting position (Fig. 14)

You can now start the machine.

The start lever automatically returns to its operating position after the first acceleration.



Fig.14

2) ACCELERATION WITH THE MACHINE SWITCHED ON

- Grip the gas control handle by pressing the safety trigger.
- Press the accelerator lever as required by the speed to be used.

3) STOP (to switch off the engine)

- Release the accelerator lever and the safety trigger, and then set the button in the STOP position.
- In order to re-start the machine, the red button must be set in the CENTRAL position, and then the various semi-acceleration and acceleration operations can be performed as explained above.

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4.5 Engine starting



Fig.15

Proceed as follows to start the engine:

- 1) After carefully completing all the operations required for preparation and fuel supply, set the gas control lever and the red button in the START position.
- 2) Grasp the handlebar of the earth auger firmly with your left hand and press the throttle lever. Use your right hand to slowly pull on the cord until it engages the sprockets on the flywheel (Fig. 15).
- 3) Follow the instructions regarding the carburetor provided below and then pull the starting cord with force until the machine starts up. Never pull the starting cord all the way out in order to avoid damaging its connection mechanism.

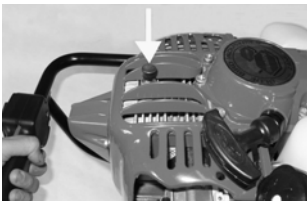
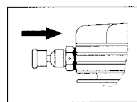


Fig.16



The earth-augers NEA450 ST, NEA560 ST, NEA610 ST are equipped with a decompression valve that facilitates the starting of the engine by reducing the amount of force to be applied to the starting cord when the machine is being started. In order to start these types of earth augers, press the decompression valve button (Fig. 16) positioned on the cylinder at the side of the starting and then proceed as indicated in point 1.

Engine starting:

- with the engine cold, press the priming bulb 5-6 times until mixture flows out of the respective discharge hose (in order to completely fill all the carburettor chambers);
- set the air lever in the CLOSE position, and pull the starting cord for 1 - 2 times until the engine starts firing. Even if no firing sounds are heard, return the air lever to the OPEN position;
- pull the starting cord once again until the engine starts. If the engine fails to start after the fourth pull, repeat the operations above starting from first point.

If, despite all these attempts, the engine fails to start, the combustion chamber must be flooded. In this case, unscrew, remove and dry the spark-plug and pull the starting cord several times without the spark-plug in position in order to clean/ventilate the combustion chamber.

IMPORTANT: all these operations are not to be performed when the engine is already hot; but with the button in the central position it is sufficient to merely pull the starting cord until the engine starts.

Please refer to the section engine instruction manual for further information about the engine.

4.6 Starting the model T-170HO engine



Fig. 17

(follow the instructions provided in the HONDA engine operation and maintenance manual for all specifications regarding engine starting).

In order to start the engine when cold, close the air lever (CHOKE) (see Fig. 17).

After the engine has started, open the lever (see Fig. 17).

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4.7 Using the reverser (only for model T-170HO)



Fig. 18



Fig. 19



Fig. 20



Fig. 21

Your earth auger features the possibility to reverse drilling rotation direction for easier use and wider application. The reverser levers are found on the reduction unit's gearbox (see Fig. 18).



Important! Start the earth auger on idle and make sure that the reverser shaft is in halfway position before starting.

a. In order to shift the earth auger into working gear, move the gearshift upward to the end of its stroke (see Fig. 19).

b. In order to shift the earth auger out of working gear into idle, move the gearshift into halfway position (see Fig. 20).

c. In order to reverse drilling rotation direction, move the gearshift all the way down to the bottom of its stroke (see Fig. 21).



Important! The reverser levers must be used with the engine running on idle and therefore with the clutch disengaged and the earth auger not rotating.

4.8 Breaking in the engine

For the first 10 hours of operation, run the engine at moderate rpm, or in any case, refrain from bringing the engine to the maximum rpm until the engine's parts have been broken in. The engine can be run at peak power only after it has been correctly broken in. After the first 2 hours of operation, check the tightening of all the screws and nuts, and tighten them if necessary.

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5.0 USING THE MACHINE

5.1 Correct use

This earth auger is used exclusively to drill holes in the ground with a maximum 200 mm diameter for the NEA models and 400 mm for model T-170HO (depending on the diameter of the auger to be used). After selecting the site for the hole, clear the area of all shrubs and other materials that might get caught up in the auger as it drills and rotates.

Grasp the handlebar firmly and take a balanced, solid stance on both feet. At this point, you are ready to begin working. Start the machine as described above and let the engine run on idle for 2-3 minutes. Race the engine a few times (while keeping the tip of the auger raised above ground) without reaching maximum in order to make sure that everything is running smoothly.

5.2 Using the machine

After positioning the tip of the auger on the spot where the hole must be dug, use the throttle lever on the handle to gradually accelerate. The earth auger will begin to rotate and perforate the soil. When the auger's spiral has filled with soil, remove it from the hole and empty it at the side.

In this way, the hole will soon get bigger and deeper. When the spiral of earth auger model T-170HO is filled with soil, or whenever the earth auger must be removed from the hole being dug, use the reverser and shift into reverse gear as described in chapter 4.7.

Pay constant attention when using the machine and keep it under control at all times without distraction. This is the only way to avoid risk of injury or damage caused by the terrain being drilled. The earth auger can stop suddenly if it hits a big root or stone and could make you lose control of the machine momentarily, lose your balance and cause injury.

5.3 What to do when the auger stops during use

In case the earth auger gets blocked during use due to stones, roots, and the like present in the ground while working, proceed as follows:

- release immediately the safety trigger and the accelerator lever of the gas handle,
- Stop the engine with the STOP button,
- Align the eyelet on the hub of the engine reduction gear box with the hole on the tang of the auger (Fig. 22)
- then insert a plug with a diameter of about 8 mm in order to block the rotation of the auger in respect to the machine handle (Fig. 23),
- free the auger by rotating the machine through the handle in the reverse direction to the rotation,
- if possible eliminate the cause of the block,
- check to see if you find visible damages to the auger and/or the machine, if needed contact an authorized service center.

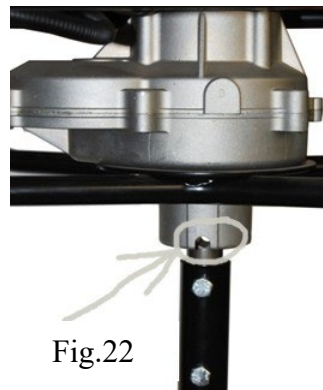


Fig.22

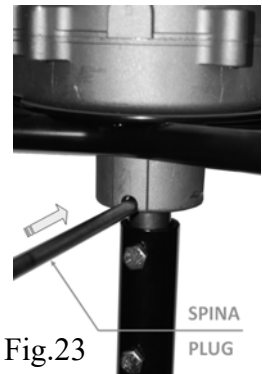


Fig.23

6.0 MAINTENANCE

6.1 Routine maintenance



Important! For model T-170HO:

Routine checks on the earth auger are essential to guarantee long working life and the maximum performance and efficiency; in particular, bear the following in mind for the reduction unit:

- (For model T-170HO): every 100 working hours completely replace the oil in the reduction unit.
- For the auger, check the conditions of the tip and the blade and change them whenever signs of wear appear.

Follow the instructions and suggestions provided in the HONDA operation and maintenance manual for routine maintenance, storage in periods of inactivity, and any malfunctions that occur in the engine in order to keep the GCV 170 engine always in perfect working condition.

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For all the other models:

REDUCTION GEAR BOX (NEA model): Every 50 running hours replace grease in the reduction gear box. To replace in NEA model:

- a) Remove the 6 screws of the gear box and open it.
- b) Take away the remaining grease and put about 200-250 gr. of new grease. Use grease suitable for use at temperatures between 120° and 170°C.
- c) Close the gear box with screws and tighten them.

AUGER: Check regularly the bit and coulter blade; replace if necessary.

ENGINE: please refer to the specific engine instruction manual for further information about the engine.

6.2 Storage

Whenever the machine is not used for a long period of time, please adopt all cautions about the engine as mentioned in the specific engine instruction manual.

7.0 WARRANTY CONDITION

BLUE BIRD INDUSTRIES LIMITED WARRANTY – ZANÈ

- a) Our firm warrants the good working of all the agricultural and industrial machines we commercialize for a period of 24 months (12 months for professional use) from the date of purchase; for the product the till receipt and /or the purchase invoice are the valid documents proof of the period of validity of the guarantee.
- b) The guarantee covers the replacement free of charge of any mechanical or electrical parts that should result faulty due to manufacturing defects or defects in material, as verified by our own assessment at our Company.
- c) This guarantee is limited only to the replacement of those faulty or defect parts returned to us. Any labour costs for taking the machine to pieces, reassembling it and setting it up, will be at the customer's expense. Shipping costs are not covered by the guarantee and are at the customer's expense.
- d) This guarantee does not cover those parts which are subject to wearing which is due to normal use such as: cutting blades, circular saws, saw chain, guide bars, spark plugs, etc.
- e) It is understood that all those parts acknowledged by us to be faulty and consequently replaced free of charge under guarantee are to be kept by us.
- f) The fact that we accept to replace faulty parts free of charge, can under no circumstances be used as a pretext to extend or suspend the payment terms already agreed upon.
- g) While the machines are still under guarantee, they cannot be ceded permanently, re-sold or exported, otherwise the guarantee will no longer be valid.
- h) Our firm declines all responsibility for damage to person or things even if the machines in question are still under guarantee.

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N.B. Always carefully follow the instructions concerning the use and maintenance of each machine, paying particular attention to the "running in" period.

[illegible]

EC DECLARATION OF CONFORMITY - HERSTELLERERKLÄRUNG - DECLARATION 'CE' DE CONFORMITE - DECLARACION DE CONFORMIDAD - DICHIARAZIONE DI CONFORMITA' EUROPEA - GELIJKVORMIGHEIDSVERKLARING - EC DEKLARATION I OVERENSSTEMMELSE - DECLARAÇÃO CE DE CONFORMIDADE - EY ILMOITUS - FORSAKRAN OM OVERENSSTAMMELSE - BEKREFTENDE EU ERKLÆRING - ΔΗΛΩΣΗ ΕΚ ΣΥΜΜΟΡΦΩΣΗΣ - EUROPEJSKA DEKLARACJA ZGODNOSCI

1) MANUFACTURER - HERSTELLER - FABRICANT - FABRICANTE - COSTRUTTORE - CONSTRUCTEUR - PRODUCTENT - FABRICANTE - VALMISTAJA - TILLVERKARE - FABRIKANT - Κατασκευαστής - PRODUCENT:

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2) DESCRIPTION OF THE MACHINERY - BESCHREIBUNG DER MASCHINE - DESCRIPTION DE LA MACHINE - DESCRIPCION DE LA MAQUINARIA - DESCRIZIONE DELLA MACCHINA - BESCHRIJVING VAN DE MACHINE - BESKRIVELSE AF MASKINEN - DESCRIÇÃO DA MAQUINA - KONEEN NIMITYS - MATERIELSLAG - BESKRIVELSE AV MASKINERIE - ΠΕΡΙΓΡΑΦΗ ΤΩΝ ΜΗΧΑΝΩΝ - OPIS MASZYN:

MOTOTRIVELLA - EARTH AUGER

a) MAKE - FABRIKAT - MARQUE - MARCA - MARCA - MERK - MÆRKE - MARCA - MERKKI - FABRIKAT - FABRIKANT - MAPKA - MARKA:

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b) TYPE / TYP / TYPE / TIPO / TIPO / TYPE / TYPE / TIPO / MALLI / TYPBE / TYPE / Πληκτρολογήστε / TYP:

NEA 450 ST - NEA 560 ST - NEA 610 ST - NEA 431 - NEA HO35 - NEA HO50 - NEA TJ 45 E - NEA TJ 53 E - T-170 HO

2000/14/EC (2005/88/EC) - Livelli di potenza sonora come da allegato V - Sound Power Levels performed per annex V		
TIPO TYPE	Livello di potenza sonora misurato/Livello di potenza sonora garantito Measured Sound Power Level/Guaranteed Sound Power Level LWA (dB)	Potenza netta installata Net Power Installed (kW)
NEA 450 ST	94/114	2.00
NEA 560 ST	94/114	2.40
NEA 610 ST	95/115	2.80
NEA HO35	85/105	1.20
NEA HO50	92/112	1.47
NEA 431	88/108	1.25
NEA TJ 45 E	84/109	1.60
NEA TJ 53 E	90/111	2.00
T-170 HO	71/105	3.60

c) Il prodotto è conforme alle direttive - The product complies with the directives - Das Produkt entspricht den Richtlinien - Le produit est conforme aux directives - El producto cumple con las directivas:

- 2006/42/EC - 2014/30/EU - 2000/14/EC (2005/88/EC) - 2011/65/EU

d) SERIAL NUMBER / SERIENNUMMER / NUMERO DE SERIE / NUMERO DE SERIE / NUMERO DI SERIE / SERIENUMMER / SERIENUMMER / NUMERO DE SERIE / SARJANUMERO / SERIENUMMER / SERIE NUMBER / ΑΡΙΘΜΟΣ ΠΑΛΙΣΙΟΥ / NUMER SERVJNY:

AA24AA000000001 - ZZ99ZZ999999999

e) REFERENCE TO STANDARDS/HARMONIZED STANDARDS - VERWEIS AUF NORMEN/HARMONISIERTE NORMEN - REFERENCE AUX NORMES/NORMES HARMONISEES - REFERENCIA A ESTANDARES/ESTANDARES ARMONIZADOS - RIFERIMENTO ALLE NORME/NORME ARMONIZZATE - REFERENTIE NAAR STANDAARDEN/GEHARMONISEERDE STANDAARDEN - REFERENCE TIL STANDARDER/HARMONISEREDE STANDARDER - REFERENCIA AS NORMAS/NORMAS HARMONIZADAS - VITTAUS STANDARDEIHIN/YHTEISIIN STANDARDEIHIN - REFERERANDE TILL STANDARDER/HARMONISERADE STANDARDER - HENVISNING TIL STANDARD/FELLES STANDARD - ΑΝΑΦΟΡΑ ΣΕ ΠΡΟΤΥΠΑ/ΕΝΑΡΜΟΝΙΣΜΕΝΑ ΠΡΟΤΥΠΑ - ODNIESIENIE DO NORM/NORM ZHARMONIZOWANYCH:

EN ISO 12100:2010



BLUE BIRD INDUSTRIES - FABBRICA MOTORI s.r.l.

ZANÈ (VI) - ITALIA

26-02-2019

The chairman - Der vorsitzender - Le président - El presidente - Il presidente - De voorzitter - Daglig leder - O presidente - Toimitusjohtaja - Verkställande direktör - Administrerende direktør - Ο ΠΡΟΕΔΡΟΣ - Prezes

VANDA VITELLA

(GB) Technical documentation maintained by
(F) Documentation technique maintenue par
(I) Documentazione tecnica conservata da
(DK) Teknisk dokumentation tillhandhallen av
(FI) Teknisten asiakirjojen ylläpitäjä
(NO) Teknisk dokumentasjon vedlikeholdt av

(D) Technische Dokumentation aktualisiert durch
(E) Documentacion tecnica mantenida por
(NL) Technische documentatie onderhouden door
(P) Documentação tecnica mantida por
(SE) Teknisk dokumentation tillhandhallen av
(GR) τεχνικό φάκελο που τηρείται από

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VANDA VITELLA



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