BRUSH CUTTER



OWNERS MANUAL

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This manual has been produced by Parker Products Ltd. and should be kept with the product and referenced for operation, maintenance and troubleshooting.

This manual contains an overall description of the product, together with all the necessary information for using the product correctly and safely. It is highly recommended that this manual is read prior to any operation or maintenance of this product. The safety precautions and warnings are to ensure your safety and protect you from harm or damage to the product.

All photographs and drawings in this manual are supplied by Parker Products Ltd. to help you with the operation and maintenance of the product. The information contained in this manual was accurate at the time of production, however Parker Products Ltd. may make modifications to the product without notification.

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GENERAL SAFETY

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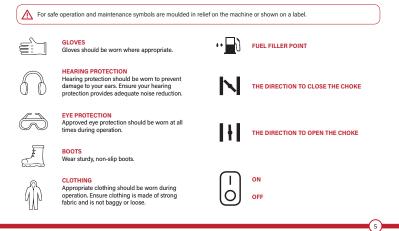
WARNING! Never allow children or anyone to fully understand the directions given in the manual to use the machine.

- . ALWAYS USE safety equipment; appropriate footwear, eye protection, ear protection, head protection, trousers and gloves. DO NOT wear loose clothing, jewellery, short trousers, sandals, or go barefoot.

- NEVER start the engine inside a closed room or building. NEVER use the product when ground is slippery, at night, during rain storms, lightning storms, or at times of strong wind.
- DO NOT start the engine within 3m of the fuelling point. REMOVE all sources of sparks and flames before mixing and pouring fuel.

- Premove an sources of sparks and names before mixing and poundy use.
 Do Not let anyone with in 15m of the product while in operation.
 INSPECT the entire unit for loose fasteners and fuel leakages, Make sure that the cutting attachment is properly installed.
 DO NOT start cutting unit you have a clear cutting area and a secure footing.
 ALIWAYS use the harness supplied while operating the machine.
 NEVER smoke while operating the unit or refilling its fuel tank.
 ALIWAYS keep the handles dry, clean and free of oil and fuel mixture.
 INWAYS better of the operating the unit or before within the updruct down.

- ALWAYS shut off the engine before putting the product down. MAKE SURE all fuel is removed before transportation.
- ALL MAINTENANCE other than that listed in this manual should be carried out by professionally trained and certified personnel.



FOR SAFE OPERATION

(i) IMPORTANT

- Read this manual carefully until you completely understand and can follow all safety and operating instructions Keep this manual handy so that you may refer to it later whenever questions arise. Also note, if you have any questions which cannot be answered herein, contact Parker Brand.
- answere interest interest, curiated ranker bank Always be sure to include this manual when selling, lending or other-wise transferring ownership of this product. Never allow children or anyone unable to fully understand the direc-tions given in the manual to use the machine. .

(i) WORKING CIRCUMSTANCE

- Never start the engine inside a closed room or building. Exhaust gases contain dangerous carbon monoxide. • Never use the product

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- when the ground is slippery or when you can't maintain a stead posture.
 at night, at times of heavy fog, or at any other times when
- at night, at times of neary tog, or at any other times when your field of vision might be limited and it would be difficult to gain a clear view of the working area. during rain storms, during lightening storms, at times of storng gale-force winds, or at any other time when weath-er conditions might make it unsafe to use the product. 3.

(i) WORKING PLAN

- You should never use this product when under the influence of alco-hol, when suffering from exhaustion or lack of sleep, when suffering from drowsiness as a result of taking cold medicine or at any other time when a possibility exists that your judgment might be impairs or that you might not be able to operate the product properly and in a
- when planning your work schedule, allow plants of the torest. Limit When planning your work schedule, allow planty of time to rest. Limit the amount of time over which the product is to be used continuous-ly to somewhere around 30-40 minutes per session, and take 10-20 . minutes of rest between sessions. Also try to keep the total amount of work performed in a single day under 2 hours. If you don't observe the working time or working manner repetitive strain injury could occur,
- If you feel discomfort, redness and swelling of your fingers or any
- other part of your body, see a doctor before getting worse. To avoid noise complaints operate product between 9am and 5pm. . To av

(i) BEFORE STARTING THE ENGINE

- The area within a perimeter of 15m of the person using the product should be considered a hazardous area into which no-one should enter. If necessary, yellow warning rope and warning signs should be placed around the perimeter of the area. When work is performed simultaneously by two or more persons, care should be taken to constantly look around or otherwise check for the presence and locations of other people working so as to maintain a distance between each person sufficient to ensure safety,
- Check the condition of working area to avoid any accident by hitting hidden obstacles such as stumps, stones, cans or broken glass. Inspect the entire unit for loose fasteners and fuel leakage. Make
- sure that the cutting attachment is properly installed and securely fastened. · Be sure to attach the cutting attachment guard securely in place, or
- you may injure yourself. Always us the harness, Adjust the harness for comfort before starting the engine. The harness should be adjusted so the left hand can comfortably hold the handlebar grip approximately waist high.

(i) STARTING THE ENGINE

FOR SAFE OPERATION

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Keep bystanders and animals at least 15m (50ft) away from the oper-

- ating point. If you are approached, immediately stop the engine. The product is equipped with a centrifugal clutch mechanism, so the
- cutting attachment begins to rotate as soon as the engine is started by putting the throttle trigger into the start position. When starting the engine, place the product onto the ground in a flat clear area and hold it firmly in place so as to ensure that neither the cutting attachment nor the throttle trigger come into contact with any obstacle when the engine starts.
- After starting the engine, check to make sure that the cutting attach-ment stops rotating when the throttle trigger is moved fully back to it's • original position. If it continues to rotate even after the throttle trigger has been moved fully back, turn off the engine contact Parker Brand.

FOR SAFE OPERATION

(i) USING THE PRODUCT

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- Grip the handles firmly with both hands using your whole hand. Place your feet slightly apart (slightly further apart than shoulder width) so that your weight is distributed evenly across both legs, and always be sure to maintain a steady, even posture while working. Keep cutting attachment below waist level.
- · Maintain the speed of the engine at the level required to perform cutting work, and never raise the speed of the engine above the level necessary.
- . If the unit starts to shake or vibrate, turn off the engine and check the whole unit. Do not use until the problem has been properly corrected. Keep all parts of your body away from rotating cutting attachment .
- and hot surfaces. Never touch the muffler, spark plug, or other metallic parts of the en-.
- gine while the engine is in operation or immediately after shutting down the engine. Doing so could result in serious burns or electrical shock.

(i) BE CAREFUL OF SURROUNDING PEOPLE

Guard against hazardous situations at all times. Warn adults to keep pets and children away from the area. Be careful if you are approached. Injury may result from flying debris.

- In order to maintain your product in proper working order, perform the maintenance and checking operations described in the manual at regular intervals.
- Always be sure to turn off the engine before performing any maintenance or checking procedures.
- In the event that any part must be replaced or any maintenance or repair work not described in this manual must be performed please contact Parker Brand. Under no circumstances should you ever take apart the product or
- alter it in any way. Doing so might result in the product becoming damaged during operation or the product becoming unable to operate properly.

(i) HANDLING FUEL

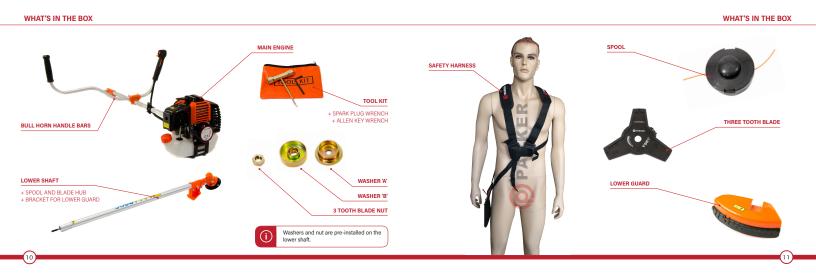
- The engine of our product is designed to run on a mixed fuel, which contains highly flammable gasoline. Never store cans of fuel or refill the tank of the unit in any place where there is a boiler, stove, wood fire, electrical sparks, welding sparks, or any other source of heat or fire which might ignite the fuel.
- Never smoke while operating the unit or refilling its fuel tank.When refilling the tank, always turn off the engine and allow it to cool down. Take a careful look around to make sure that there are no sparks or open flames anywhere nearby before refuelling. · Wipe spilled fuel completely using a dry rag if any spillage occurs
- during refuelling.
- After refuelling, screw the fuel cap back tightly onto the fuel tank and then carry the unit to a spot 3m or more away from where it was refuelled before turning on the engine.

When hand-carrying the product, cover over the cutting attachment if necessary, lift up the product and carry it paying attention to the cutting attachment.

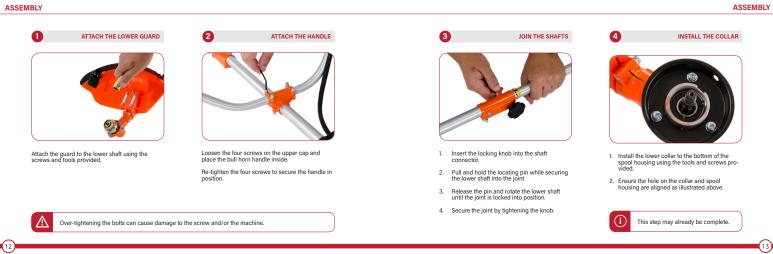
FOR SAFE OPERATION

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 Never transport the product over rough roads or long distances by vehicle without removing all fuel from the fuel tank. If doing so fuel might leak from the tank during transport.



ASSEMBLY



INSTALLING THE 3 TOOTH BLADE



Install washer "A" as illustrated above. Align the hole in the washer with the hole in the spool collar. Lock the axle by placing the allen key inside the location back of the block collar and tighting the

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Lock the axle by placing the allen key inside the locating hole of the black collar and tighten the locking nut in an anti-clockwise direction using the wrench provided.



Place the three tooth blade so the centre hole sits within washer "A".

It is important that the blade sits correctly within washer "A" and not in an off-centered position which can cause excessive vibration and premature damage to the lower shaft.





Install washer "B" as illustrated above to secure the blade to the shaft.

4 TIGHTEN LOCKING NUT



Lock the axle by placing the allen key inside the locating hole of the collar and tighten the locking nut using the wrench provided, turning anti-clockwise until secured tightly.



INSTALLING THE 3 TOOTH BLADE



Place the split pin (where applicable) inside the thread to prevent the nut coming losse.

INSTALLING THE SPOOL

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Install washer "A" as illustrated above. Align the washer with the hole on the spool collar.

The purpose of this washer is to enable tightening of the nut by locking the shaft, this is done by inserting the allen key through the hole in the spool collar and into the hole in washer "A".



Lock the axle by placing the allen key inside the locating hole of the collar and wind the spool onto the thread by turning anti-clockwise. Please ensure that the spool is secure and closed correctly prior to use.





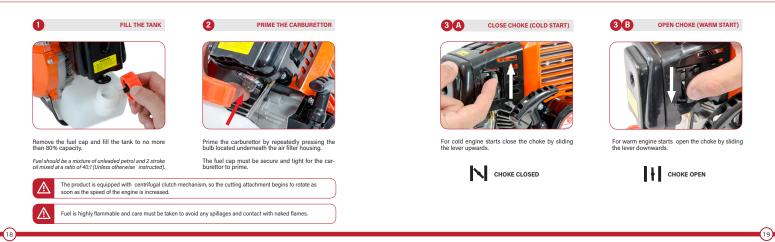
Your harness is designed to be worn with the brush cutter hung on the right hand side.



WEARING THE HARNESS

STARTING THE ENGINE





STARTING THE ENGINE

(i)

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Enable power to the spark plug by placing the on/ off switch to position ${}^{\rm dy}{}^{\rm r}$ "I" has to be in downward position.



TENSION THE RECOIL

Place the unit on the ground and using your left foot to secure the shaft to the ground while using your right hand to pull the recoil starter handle outwards until tension is felt.

Over-choking can make the engine hard to start due to excess fuel. When the engine failed to start after several attempts, open the choke and repeat pulling the rope, or remove the spark plug and dry it.

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6 A START THE ENGINE (COLD START)



Make sure that the choke is <u>CLOSED</u> 1. Pull the recoil starter twice in quick succession.





Do not pull the starter cord to the end and avoid releasing the handle while fully extended. Both of the above can cause premature damage to the mechanism.

6 B START THE ENGINE (WARM START)

STARTING THE ENGINE



 Make sure that the choke is <u>OPEN</u>
 Pull the recoil starter in quick succession until the engine starts.

STOPPING THE ENGINE

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Release the throttle trigger and let the engine idle for 30 seconds.

This allows the engine to cool down and return to optimum operating temperature.



Turn the engine off by placing the on/off switch to position "O" as illustrated above.

When restarting the engine after immediately stopping it, leave the choke open to prevent flooding the engine.



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OPEN & REPLACE SPOOL WIRE



Open the spool by pressing one of the two clips to loosen the cover. Once loose firmly press the second clip and remove the spool cartridge from inside the housing.



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2 PREPARE WINDINGS

The cartridge consists of two windings which need to be wound in the direction shown on the body. Secure the replacement wire to the cartridge as shown.

Replacement strimmer wire should be 2.4mm in diameter.

3 SECURE WINDING



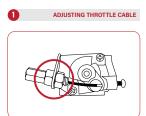
Secure the winding inside one of the two lugs to grip the cord and prevent it unwinding.





Repeat steps 2 & 3 for the second winding and thread back through the eyelets. Securing the cover by repeating 'Step 1' in reverse.

ADJUSTING THROTTLE CABLE & IDLING SPEED



Your throttle cable may become slack after prolonged use and adjustment may be required. To adjust the throttle cable loosen or tighten the nuts illustrated above. Always allow 1-2mm of play to ensure the cable is not under load at all times.

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- Hen the engine tends to stop frequently at idling mode, turn the idle speed adjuster clockwise.
- When the cutting head keeps rotating after releasing the trigger, turn the idle speed adjuster counter clockwise

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TRIMMING GRASS AND WEEDS

- 1. Hold the unit so the head is off the ground and is tilted about 20 degrees toward the sweep direction.
- 2. Sweep from left to right to avoid thrown debris.
- 3. Use a slow, deliberate action to cut heavy growth.
- 4. Never swing the unit hard as you are in danger of losing your balance or control of the unit.
- Try to control the cutting motion with your hip rather than placing the full workload on your arms and hands.
- Take precautions to avoid wire, grass and dead, dry, long-stem weeds from wrapping around the shaft head.
 - Such materials can stall the head and cause the clutch to slip, resulting in damage to the clutch system if repeated frequently.

Always wear eye protection during operation. Never lean over rotating cutting head. Never swing the unit hard as you are in danger of losing your balance or control of the unit.



- 1. Use the front left side for optimal cutting. 2. Guide the blade from your right to left with it tilted slightly to your left.
- 3. When mowing a wide area, start working from your left end to avoid interference of cut grass.

CUTTING METHOD

The blade may be seized by weeds if the engine speed is too low, or the blade cuts too deep into weeds. Adjust the engine speed and cutting depth according to the type of material being cut.

If grass or other object get caught in the blade, or if the unit starts to shake or vibrate, turn off the engine and check the whole unit. Change the blade if it has been damaged.

Turn off the engine and make sure the blade has completely stopped before checking the blade and removing any object that has got caught in.

Choose the suitable recommended cutting attach- ment according to the object to be cut	Your brush cutter is equipped with a semi-auto type nylon trimmer head that allows the operator to advance the line without stopping the engine. When
When replacing blade always be sure to use Parker Brand products.	the line becomes short, lightly tap the head on the ground while running the engine at full throttle.
When sharpening, removing, or attaching the blade, be sure to wear thick, sturdy gloves and use only proper tools and equipment to prevent injury.	Each time the head is bumped, the line advances about 1 inch (25.4mm). For better effect, tap the head on bare ground or hard soil. Avoid bumping in thick, tall grass as the engine may stall by overload.
TWIN LINE SPOOL	
Use this for light trimming.	
3 TOOTH BLADE	A CLARENCES AND AS CARDED AND AN AN AND AS CANDAR AND A CANAR
Use this blade for dense growth.	
	ાયો આવે હતાં કે દોકોની તો પછી આવે છે. બધો છી છે છે છે છે છે છે છે છે.
9 IOUTH BLADE	A MAXIMUM MANYALIAANAN'NY INANAN'NY MANAN'NY MANAN
Use this for extremely dense growth.	•

ADJUSTING THE LINE LENGTH

CHOOSE THE BLADE

Use th

OPERATION

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CONTROLLING BLADE THRUST

Blade thrust can cause serious personal injury. Carefully study this section. It is important that you understand what causes blade thrust, how you can reduce the chance of it, and how you can remain in control of the unit if blade thrust occurs.

What causes blade thrust:

Blade thrust can occur when the moving blade come in contact with an object that it cannot cut. This contact causes the blade to stop for an instant and then suddenly move or "bounce" away from the object that was hit. The operator can lose control of the unit and the blade can cause serious personal injury to the operator, or any person nearby if the blade contacts any part of the body.

How you can reduce the chance of blade thrust:

- Recognise that the blade thrust can happen. By understanding and knowing about blade thrust you can help eliminate the element of surprise Cut fibrous weeds and grass only. Do not let the blade contact materials it cannot cut such as hard, woody vines, and bushes or rocks, fences,
- hard, woody vines, and bushes or rooks, ro

How you can maintain control:

- Keep a good, firm grip on the unit with both hands. A firm grip can help neutralise thrust. Keep your right and left hands completely around the respective handles. Keep both feet spread apart in a comfortable stance and yet braced for the possibility that the unit could bounce. Do not overreach. Keep firm footing and balance.

OPERATION

- 1. Check the bolt to fasten the blade and be sure the bolt has no faults or damage.
- 2. Be sure that the blade and the holder have been fastened according to instruction and that the blade turns smoothly without abnormal noise.

The rotating parts fastened incorrectly may cause serious injury to the operator.

Make sure that the blade is not bent, warped, cracked, broken or damaged.

If you find any error to the blade, discard it and replace with a new one.

Make sure to use the harness and cutting attachment guard. If not, it is very dangerous when you slip or lose your balance.

TRANSPORTING THE UNIT

· When you finish cutting in one location and wish When you hinsh cutting in one location and wish to continue work in another spot, turn off the engine, lift up the unit and carry it, paying attention to the blade. Never forget to place the protective cover over the blades while transporting. When transporting the unit over long distances, detach the blade and fasten the unit by ropes.

OPERATION

TROUBLESHOOTING

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
	No spark	To check for spark: Disconnect the spark plug wire. Reattach the spark plug wire and lay spark plug on metal cylinder. Pull the starter rope and watch for spark at spark plug tip. If there is no spark, repeat test with a new spark plug
	No fuel	Push primer bulb until bulb is full of fuel. If bulb does not fill, primary fuel delivery system is blocked. Contact a service dealer. If primer bulb fills, engine may be flooded (see next item)
Engine will not start	Flooded engine	Remove spark plug, turn trimmer so spark plug hole is aimed at the ground. Move choke lever to "RUN" and pull starter cord 10 to 15 times. This will clear excess fuel from engine. Clean and reinstall spark plug. Pull starter three times with choke lever at "RUN" if engine does not start, move choke lever to "CHOKE" and repeat normal starting proce- dure. If engine still fails to start, repeat procedure with a new spark plug
	Starter rope pulls harder now than when new	Contact Parker Brand
Engine starts but will not accelerate	Carburetor requires adjustment	Contact Parker Brand
Engine starts but will cut out when the throttle is pressed	Choke is in start/closed position	When the engine is running the choke should remain open (the down- wards position)

PROBLEM	POSSIBLE CAUSE	SOLUTION					
Engine starts but will only run at high speed Carburetor requires adjustment at half choke		Contact Parker Brand					
	Check oil fuel mixture	Use fresh fuel and the correct 2-cycle oil mix					
Engine does not reach full speed and emits excessive smoke	Air filter dirty	Clean air filter. Refer to "Replacing and Cleaning Air Filter" earlier in this manual					
	Carburetor requires adjustment	Contact Parker Brand					
Engine starts, runs, and accelerates but will not idle	Carburetor requires adjustment	Contact Parker Brand					
	String welded to itself	Lubricate with silicone spray					
Spool will not unwind	Not enough string on spool	Install more string. Refer to "String Replacement" earlier in this manual					

TROUBLESHOOTING

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PROBLEM	POSSIBLE CAUSE	SOLUTION
Spool retainer hard to turn	Screw threads dirty or damaged.	Clean threads and lubricate with grease - if no improvement, replace spool retainer
	Operating trimmer at part throttle	Operate trimmer at full throttle
Oil drips from muffler	Check oil/fuel mixture	Use fresh fuel and the correct 2-cycle oil mix
On drips from mumer	Air filter dirty	Clean air filter. Refer to "Replacing and Cleaning Air Filter" earlier in this manual
	Carburetor requires adjustment	Turn mixture needle clockwise 1/16 turn
Spool / Three Tooth Blade does not rotate when engine speed is increased	Top and bottom shafts are not correctly engaged.	Remove the bottom shaft and re-insert ensuring the joint is correctly connected and engaged.
Excessive vibration is felt when using the three tooth blade	Top and bottom shafts are not correctly engaged	Remove the bottom shaft and re-insert ensuring the joint is correctly connected and engaged.
	Three tooth blade is not installed centrally	Reinstall the three tooth blade ensuring the blade is installed centrally and with the correct washers

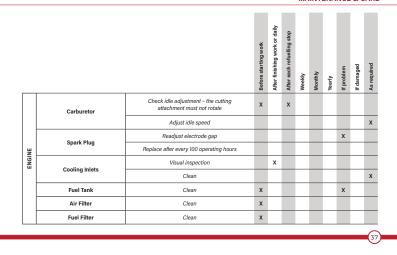
PROBLEM	POSSIBLE CAUSE	SOLUTION
	String welded to itself	Lubricate with silicone spray
Spool will not unwind	Not enough string on spool	Install more string. Refer to "String Replacement" earlier in this manual
Grass wraps around shaft housing and	Cutting tall grass at ground level	Cut tall grass from the top down
string-head	Operating trimmer at part throttle	Operate trimmer at full throttle

TROUBLESHOOTING

MAINTENANCE & CARE

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			Before starting work	After finishing work or daily	After each refuelling stop	Weekly	Monthly	Yearly	If problem	If damaged	As required
	Air Filter	Clean							х		х
	All Filler	Replace								х	
	Manual fuel annua (if fitte d)	Check									
ENGINE	Manual fuel pump (if fitted)	Have repaired by servicing dealer									
ENG		Check							х		
	Pickup body in fuel tank	Replace						х		х	х
	Gearbox Lubrication	Check				х			х		х
	Gearbox Lubrication	Replenish								х	



MAINTENANCE & CARE

MAINTENANCE & CARE

			Before starting work	After finishing work or daily	After each refuelling stop	Weekly	Monthly	Yearly	If problem	If damaged	As required
	Complete machine	Visual inspection (condition, leaks)	х		х						
	Complete machine	Clean		х							
		Visual inspection	х		х						
	Cutting Attachment	Replace								х	
EB		Check tightness	х		х						
OTHER	Cutting Attachment Guard	Attach	х								
	Control Handle	Check operation	х		х						
	Metal Cutting Attachment	Sharpen	х)
	All accessible screws and nuts	Re-tighten	х)
	Anti-vibration Elements	Check	х						х		>

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SPECIFICATIONS

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Engine:	10mm
Model	1E44F-5
Displacement	52,0cm3
Fuel	Mixture (Gasoline 40: Oil 1)
Carburetor	Diaphragm type
Ignition System	Transistor Controlled Flywheel Magneto
Spark Plug	LD BM6A
Fuel Tank Capacity (cm)	1.2 Litres
Starter	Recoil
Clutch	Centrifugal
Cutting Head Rotating Direction	Counter-Clockwise (Operator View)
3 Tooth Blade Size	1.4 x 255 x 254
Spool Wire Size	2.4mm
Overall size (L x W x H)	1860 x 610 x 520mm
Dry weight	8.5kg

Description & Function: 52cc Petrol Brush Cutter

Model/Type: PGBC-5200

Manufacturing Date/Serial Number: 2017

Conforms to the following Directives:

2006/42/EC Machine Directive (MD) 2004/12/EC litectime Directive (MD)
 2004/12/EC Electromagnetic Compatibility Directive (EMC)
 2000/14 EC & 2005 /88 EC Directive of Emission
 2000/14 EC & 2005 /88 EC Directive of EU Noise

Manufacturer's authorised representative within the EC:

Parker Products Ltd. Richmond Park Richmond Road Louth LN11 0FU

Conforms to the requirements of the Directives, as indicated, and the following harmonised standard(s):

DECLARATION OF CONFORMITY

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✓ EN ISO 11681 - 1:2011
 ✓ EN ISO 14982 - 2009
 ✓ EN ISO 3744 - 1995
 ✓ EN ISO 9207 - 1995

EC type-approved No: e11*97/68SA*2010/26*2712*00 (EUII Emission)

Technical file complied by: Parker Products Ltd

Being the responsible person appointed by the manufacturer.



Date: 01/01/17 Name: Jason Parker Position: Managing Director



PGBC-5200

WWW.PARKERBRAND.CO.UK

July 2017

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