



Power Brush Broom Owners Manual



Power Brush Broom By Power Trim & Co.

Par West Turf

Always read and make sure you understand both instruction manuals before using your power tool for the first time and keep them in a safe place for future reference.

WARNING where there is a risk of an accident or personal injury or serious damage to property.

NOTICE Caution where there is a risk of damaging the machine or its individual components.

Engineering improvements

Power Trim's philosophy is to continually improve all of its products. For this reason we may modify the design, engineering and appearance of our products periodically. Therefore, some changes, modifications and improvements may not be covered in this manual.

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Safety Precautions and Working Techniques

- Special safety precautions must be observed when operating your Power-Brush.
- Always read and make sure you understand both user manuals (Engine and Power Brush Broom) before using your power tool for the first time, and keep them in a safe place for future reference.
- Non-compliance with the user manuals may cause serious or even fatal injury.
- Observe all applicable local safety regulations, e.g., by employers' liability insurance associations, social insurance systems, occupational safety authorities, etc.
- If you have never used a power tool before: Have your dealer or other experienced user show you how to operate your machine – or attend a special course to learn how to operate it.
- Minors should never be allowed to use the motorized device – except for apprentices over the age of 16 when working under supervision.
- Children, animals and onlookers must remain at a safe distance.
- When not using the machine, it must be laid down in such a way that it does not endanger anyone. Ensure that the machine cannot be used without authorization.
- The user is responsible for accidents or risks involving third parties or their property.
- Lend or rent your Power Brush only to persons who are familiar with this model and its operation – do not lend or rent your power tool without the Engine and Power Brush user manuals.
- The use of noise-emitting power tools may be restricted to certain times by national or local regulations.
- Anyone operating the Power Brush must be well rested, in good physical health and in a good state of mind.
- If you have any condition that might be aggravated by strenuous work, check with your doctor before operating a machine.
- Persons with pacemakers only: The ignition system of your Power Brush produces an electromagnetic field of very low intensity. This field may interfere with some pacemakers. Power Trim & Co. recommends that persons with pacemakers consult their physician and the pacemaker manufacturer to minimize any health risk.
- Anyone who has consumed alcohol, medications or drugs that impair their ability to react must not operate the Power Brush.
- Use your Power Brush only for the applications described in the user manual of the Power Brush you are using.
- The machine must not be used for any other purposes – the risk of accident!
- Do not operate the Power Brush without a properly mounted Brush since this may result in damage to the machine.
- Only use Power Brush and Power Bristle Brush Attachment that are explicitly approved for this Power Brush by Power Trim & Co. or are technically identical.
- It is important that you use only high-quality parts and accessories in order to avoid risk of accidents and damage to the machine.
- Power Trim & Co. recommends the use of genuine Power Trim & Co. tools and accessories. They are specifically designed to match this product and meet your performance requirements.
- Never attempt to modify your power tool in any way since this may increase the risk of personal injury. Power Trim & Co. excludes all liability for personal injury and damage to property caused while using unauthorized attachments.
- Do not use a high-pressure washer to clean the power tool. The solid jet of water may damage parts of the unit.

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Clothing and Equipment

- Wear proper protective clothing and equipment.
- Do not wear clothing that could become trapped in wood, brush or moving parts of the machine.
- Do not wear a scarf, necktie or jewelry.
- Tie up and secure long hair above your shoulders.
- Wear steel-toed safety boots with non-slip soles.

WARNING

- To reduce the risk of eye injuries, wear close-fitting safety. Make sure the safety glasses are a snug fit.
- Wear “personal” sound protection, e.g. ear defenders.
Wear face protection and make sure it is a good fit. Face protection alone is not sufficient to protect the eyes.

Transporting the machine

Always stop the engine.

Transport the machine by the handle or loop handle, working tool facing forward.

Never touch hot parts – risk of burns!

The Power Brush can turn over or move while being transported and may be cause of injuries or property may be damaged. Secure the power tool with lashing straps or a net to prevent it turning over and moving. Allow the Power Brush to cool down before transporting it by vehicle. Position the Power Brush so that no fuel can escape.

Refueling

Gasoline is highly flammable – keep away from fire or flame – do not spill any fuel – no smoking. Always shut off the engine before refueling.

Do not fuel a hot engine – fuel may spill and cause a fire.

Open the fuel cap carefully to allow any pressure build-up in the tank to release slowly and to pre-vent fuel spraying out.

Only refuel the machine in a well ventilated place. If fuel has been spilled, immediately clean the machine – do not allow your clothes to be splashed with fuel. If that happens, change your clothes immediately.

After fueling, tighten down the fuel cap as securely as possible. This helps reduce the risk of engine vibrations causing an incorrectly tightened fuel cap to loosen or come off and spill fuel.

Check for fuel leakage! Never start the engine if fuel has been spilled or is leaking – fatal burns may result!

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Holding and Controlling the Power Tool

- Make sure you always have a firm and secure footing.
- Always hold the unit firmly with both hands on the handles.
- Right hand on control handle, left hand on grip on handlebar.

While Working

- In the event of impending danger or in an emergency, switch off the engine immediately by pressing the stop switch.
- To reduce the risk of injury from contact with the Power Brush and ejected objects, do not allow any other persons within a radius of 5 meters of your own position. This distance must also be maintained in relation to objects (vehicles, window panes) –risk of property damage!
- The correct engine idle speed is important to ensure that the Power Brush stops moving when you let go of the throttle trigger. If the working tool continues to move when the engine is idling, have your dealer check the machine and make proper adjustments or repairs. Check and correct the idle speed setting at regular intervals. Power Trim recommends you have this work done by a Honda servicing dealer.
- Do not operate your Power Brush in the starting throttle position – engine speed cannot be controlled in this position.
- Be particularly alert and cautious when wearing ear protection because your ability to hear warnings (shouts, alarms, etc.) is impaired.
- Take breaks when you start getting tired or feeling fatigue – risk of accidents!
- Work calmly and carefully – in daylight conditions and only when visibility is good. Proceed with caution, do not put others in danger.
- Use your Power Brush only for safe applications.
- As soon as the engine starts running, the power tool generates toxic exhaust gas. These gases may be odorless and invisible and may contain unburned hydrocarbons and benzene. Never run the engine indoors or in poorly ventilated locations, even if your model is equipped with a catalytic converter.

To reduce the risk of serious or fatal injury from breathing toxic fumes, ensure proper ventilation when working in trenches, hollows or other con-fined locations.

- Stop work immediately if you start suffering from nausea, headaches, impaired vision (e.g. your field of vision gets smaller), impaired hearing, dizziness, or impaired concentration – these symptoms may possibly be the result of too-high exhaust gas concentration – Risk of accidents!
- Operate your power tool in such a way that it produces a minimum of noise and emissions –do not run the engine unnecessarily, accelerate the engine only when working.
- To reduce the risk of fire, do not smoke while operating or standing near your power tool. Combustible fuel vapor may escape from the fuel sys-tem.
- Dust, fumes and smoke produced while working may be hazardous to health. Wear respiratory protection in case of heavy dust or smoke emission.

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Never touch hot parts – risk of burns!

Keep your hands and feet well away from the Power Brush. To reduce the risk of injury, never touch a rotating tool. Always stand behind the deflector or to one side of the machine during operation – never in front of the rotating tools.

If your Power Brush is subjected to unusually high loads for which it was not designed (e.g. heavy impact or a fall), always check that it is in good condition before continuing work – see also “Before Starting”. Check in particular that the fuel system has no leaks and the safety equipment is fully operative. Never use a power tool that is no longer safe to operate. In case of doubt, contact a dealer.

To reduce the risk of injury, shut off the engine before changing the attachment.
After finishing work or before leaving the power tool unattended: Shut off the engine.

Vibrations

Prolonged use of the Power Brush may result in vibration-induced circulation problems in the hands (whitefinger disease).

No general recommendation can be given for the length of usage because it depends on several factors. The period of usage is prolonged by:

- Hand protection (wearing warm gloves)
- Work breaks
The period of usage is shortened by:
- Any personal tendency to suffer from poor circulation (symptoms: frequently cold fingers, tingling sensations).
- Low outside temperatures.
- The force with which the handles are held (a tight grip restricts circulation).

Continual and regular users should monitor closely the condition of their hands and fingers. If any of the above symptoms appear (e.g. tingling sensation in fingers), seek medical advice.

Maintenance and Repairs

- Service the machine regularly. Do not attempt any maintenance or repair work not described in the Power Brush Broom and Engine instruction manual. Have all other work performed by a servicing dealer.
- Par West Turf Services, Inc. recommends that you have servicing and repair work carried out exclusively by an authorized Honda and Power Trim & Co. servicing dealer. Honda and Power Trim & Co. Dealers are trained and are supplied with the necessary technical information.
- Only use high-quality replacement parts in order to avoid the risk of accidents and damage to the machine. If you have any questions in this respect, consult a servicing dealer.
- Par West Turf Services, Inc recommends the use of genuine Power Trim Co. replacement parts. These parts are specifically designed to match your machine model and meet your performance requirements.
- To reduce the risk of injury from unintentional engine startup, always shut off the engine and disconnect the spark plug boot before performing any repairs, maintenance or cleaning work. –

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Exception: Carburetor and idle speed adjustments.

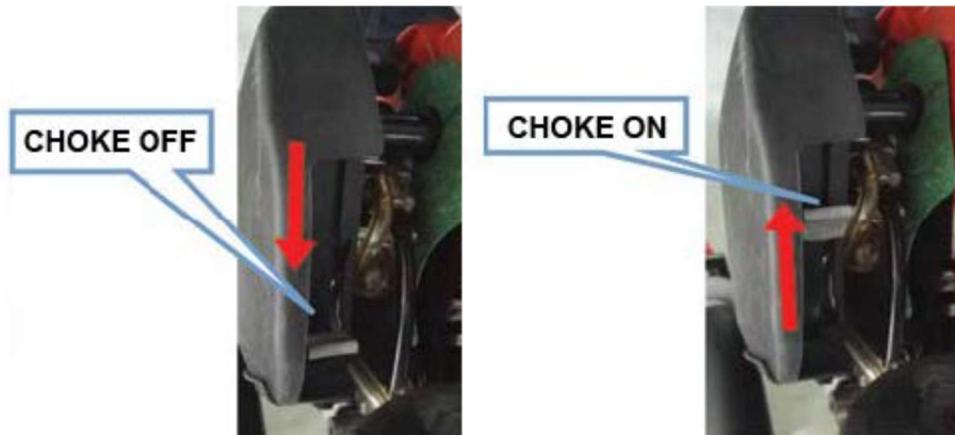
- Do not turn the engine over on the starter with the spark plug boot or spark plug removed since there is otherwise a risk of fire from uncontained sparking.
- To reduce the risk of fire, do not service or store your machine near open flames.
- Check the fuel filler cap for leaks at regular intervals.
- Use only a spark plug of the type approved by Honda and make sure it is in good condition.
- Inspect the ignition lead (insulation in good condition, secure connection).
- Check the condition of the muffler.
- To reduce the **risk of fire and damage to hearing**, do not operate your machine if the muffler is damaged or missing.
- Do not touch a hot muffler since burn injury will result.

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Operating Instructions

Starting

1. The Honda GX35 engine is inclinable, which means it can be stored and operated in any direction. BEFORE STARTING, the driver needs to be in the horizontal position for 5 minutes.
2. Before starting the post driver, press the transparent, semi-circle fuel bubble repeatedly until the carburetor is filled with fuel. If the engine is cool, place the choke lever to the "on" position.
3. Place one hand on the top engine cover with slight downward pressure. With your other hand, pull the starter rope about 20" quickly.
4. After the engine has started, place the choke lever completely to the "off" position. AFTER IDLING FOR 5 MINUTES, start normal work.
5. While the post driver is running, don't pull the starter rope. The high-speed rotating parts may damage the starter.



Operating

1. After the engine is started, ALLOW IT TO IDLE FOR 5 MINUTES BEFORE USE.
2. For a brand new driver, ONLY PERFORM LOW TO MEDIUM-SPEED WORK FOR THE FIRST 24 HOURS OF USE in order to break in the engine and prolong the life of the machine.
3. For a brand new driver, it may take 2 to 3 minutes of post driving for the machine to begin running at a normal performance level.
4. Do not operate the driver at a high speed when you are not brushing

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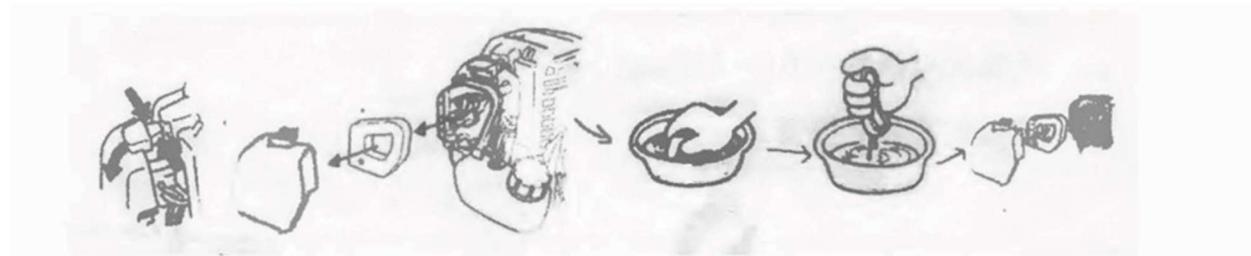
Service and Maintenance

Air Filter Maintenance

After the driver has been used for some time, dirt and dust particles can block the flow of air, which will result in reduced power and increased oil consumption. It is necessary to clean the air filter regularly. The cleaning cycle is usually every other day or every 10 hours of operation when using the Power Brush in extremely dusty environments.

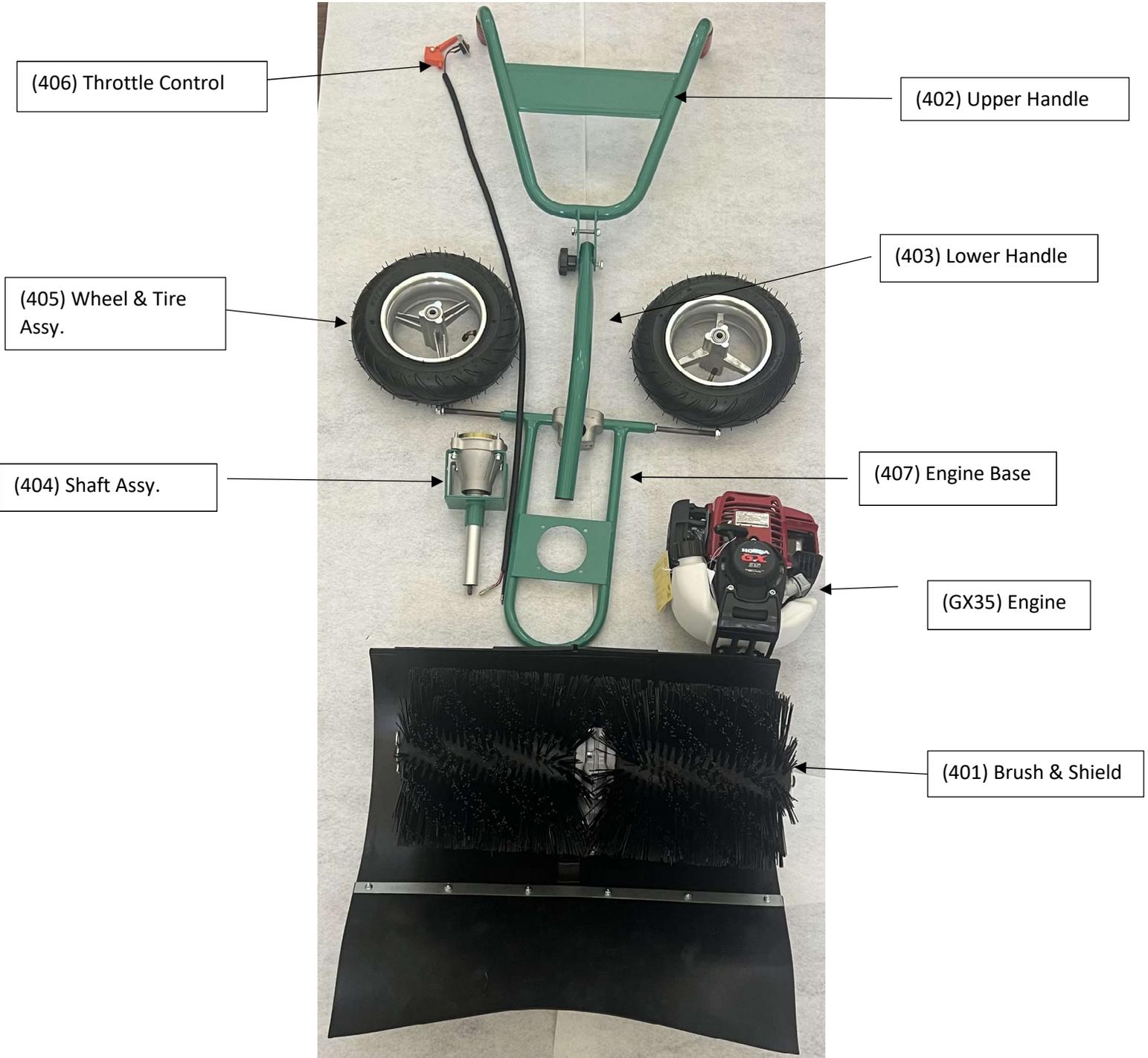
Cleaning the Air Filter

1. Remove the air filter cover, and take out the air filter.
2. Put the air filter into water. Squeeze the water out of the filter and allow it to air dry.
3. Put it in clean oil and rub gently. Take it out and squeeze it dry.
4. After cleaning, assemble the air filter and the air filter cover.



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Replacement Parts



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LIMITED WARRANTY

Par West Turf Services, Inc. (Par West) warrants to the original consumer purchaser of its Power Brush that such equipment does not contain any defects in material or workmanship.

SUBJECT TO THE FOLLOWING EXCEPTIONS AND CONDITIONS. If any defects in material or workmanship in the equipment purchased by an original consumer purchaser occurs and the equipment is delivered to the Power Trim dealer from whom the equipment was purchased or to the nearest Power-Trim retailer of this equipment within one (1) year from the date of purchase. Power-Trim promises that any such defects will be either repaired or, at the option of Power Trim, replaced without charge for labor or materials.

EXCEPTIONS:

1. Equipment which is used for rental purposes is covered by this limited warranty for a period of only ninety (90) days from the date of purchase after which no claim may be made under this warranty.
2. This limited warranty does not include a warranty on the engines of the equipment. Engines are covered by a separate limited warranty from the engine manufacturer .

CONDITIONS:

TO OBTAIN AND PRESERVE YOUR RIGHTS UNDER THIS WARRANTY, THE ORIGINAL CONSUMER PURCHASER MUST COMPLY WITH THE

FOLLOWING CONDITIONS:

3. Any claim under this limited warranty must be made to the dealer who sold the equipment or to the nearest retailer of Power-Trim equipment within the time limitations of this warranty. To present such a claim, you must deliver to the dealer within the allowable time period the equipment for examination by the dealer.
4. The condition giving rise to the claim under the limited warranty must be for a defect in material or workmanship. For example, abuse, misuse, or alterations to the equipment causing damage to the equipment or its parts may prevent any warranty claim from being honored.
5. Anyone presenting a warranty claim must cooperate with the dealer to whom the claim has been presented and the warranty claim forms required by the dealer must be signed.
6. Any transportation of the equipment to and from the service dealer shall be paid by the person presenting the warranty claim. Power-Trim will not be responsible for such transportation charges.

In the event that you are unable to contact the dealer from whom the Power-Trim edger was purchased or locate the nearest retail dealer of Power-Trim Power Brush, you should contact:

Par West Turf Services, Inc.
www.parwest.com
(714) 893-1555

DISCLAIMER OF FURTHER WARRANTY

THERE IS NO OTHER EXPRESS WARRANTY. IMPLIED WARRANTIES ARE LIMITED TO TWO YEARS FROM DATE OF ORIGINAL PURCHASE AND ARE EXCLUDED AT THE EXTENT PERMITTED BY LAW. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION OF THE PRODUCT CONTAINED HEREIN. IN NO EVENT SHALL THE COMPANY BE LIABLE FOR INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES (SUCH AS LOSS OF ANTICIPATED PROFITS) IN CONNECTION WITH THE CONSUMER'S USE OF THE PRODUCT.

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**17952 LYONS CIRCLE
HUNTINGTON BEACH, CA 92647**

PHONE: 714.893.1555

EMAIL: SALES@PARWEST.COM

WWW.PARWEST.COM

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