Bobcat®

OPERATOR'S MANUAL FOR

6902271

6902272

HOT WATER PRESSURE WASHERS

⚠ CAUTION

RISK OF INJURY!

READ MANUAL BEFORE OPERATING!

This manual is an important part of the pressure washer and must remain with the unit when you sell or rent it!

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⚠WARNING

This product contains one or more chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

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OPERATING INSTRUCTIONS

HOT WATER OPERATION:

1. Follow the steps 1-8 outlined for "START-UP/COLD WATER OPERATION".
2. Move the switch to the "Burner" position. On initial start-up, water will begin turning hot in approximately 20 seconds and will reach maximum temperature in approximately 2-1/2 minutes, provided the trigger remains squeezed. The burner will stop firing when the trigger is released.

NOTE: *While spraying, it is normal for the burner to fire intermittently. The high limit switch will cause combustion to cease when the temperature of the discharged water exceeds the temperature setting of the switch. Combustion will begin again when the water temperature drops below the minimum setting .*

At this point, the unit is operating as a hot water pressure washer. Be extremely cautious when adjusting the pressure and controlling the trigger gun/dual lance assembly to avoid the possibility of burns.

⚠ WARNING

RISK OF BURN!

THE WATER TEMPERATURE COULD BECOME VERY HOT DURING HOT WATER OPERATION. BE CAUTIOUS WHEN ADJUSTING PRESSURE OR CONTROLLING THE TRIGGER GUN/DUAL LANCE ASSEMBLY.

STEAM OPERATION:

1. Follow steps 1-8 outlined for "STARTUP/COLD WATER OPERATION".
2. Ensure the quick-connect at the end of the dual lance is cool enough to touch, then remove the high pressure nozzle and replace it with the steam nozzle. Remove the high pressure hose and replace it with the steam hose.
3. Turn unloader knob completely counterclockwise to the minimum setting.
4. Turn the switch to "Steam".

NOTE: The burner will shut down if the switch is moved to "Steam" without first setting the unloader to minimum or operating in the high pressure mode.)

At this point, the unit will operate as a steam pressure washer. Be extremely cautious when adjusting the pressure and controlling the trigger gun/dual lance assembly to avoid the possibility of burns.

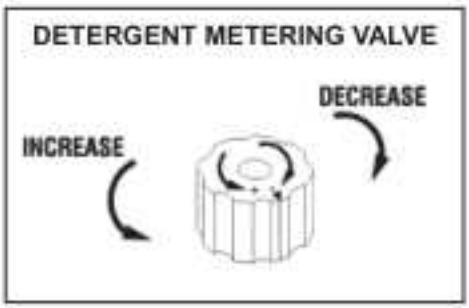
CLEANING WITH DETERGENTS:

NOTE: This feature is designed for use with mild detergents only. Since the cleaning solution travels through various parts of the pressure washer, do not use corrosives as they will cause extensive damage as well as pose a considerable safety hazard.

1. Refer to "Risk of Bodily Injury / Detergents" pg. 7. Be certain to wear protective safety attire as stated on pg. 12.
2. Prepare detergent solution according to label directions. (Never pump acids, alkalines, abrasive fluids or solvents through the unit. Due to the unknown and often corrosive characteristics of many detergents commonly used in the pressure washer cleaning industry, it is recommended to use only mild detergents with this unit.)
3. Fully immerse the strainer end of the clear vinyl detergent hose into the detergent solution.
4. Adjust the amount of detergent desired. Turn the metering valve completely counterclockwise to set at maximum siphon rate.
5. To apply solution; unlock the trigger gun and squeeze the trigger. In a few moments a detergent/water mixture will exit the nozzle. Start spraying the lower portion of the surface being cleaned and move up, using long overlapping strokes. Applying from the bottom up helps avoid streaking. Allow to soak briefly. Avoid working on hot surfaces or in direct sunlight to minimize the chances of the detergent drying, which may result in damaging surfaces. Be certain to apply cleaning solution to a small section at a time.
6. To rinse; lock the trigger gun in the "OFF" position,

   DIRECT FEED: Rotate the adjustable grip on the dual lance counterclockwise for high pressure.

   FLOAT TANK: Turn the detergent metering valve to the "OFF" position. Unlock the trigger gun and spray. It will take about 30 seconds to purge all detergent from the line. For best rinsing results, start at the top and work down.
7. Siphon a gallon of water through the detergent injection system after each use. This prevents the possibility of corrosion or detergent residue causing mechanical problems during the next use.



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MAINTENANCE CHART

PROCEDURE	DAILY	3 MONTHS	6 MONTHS	9 MONTHS	12 MONTHS
Inspect electrical cord	X				
Test GFCI	X				
Test voltage and amp draw					X
Check water pump oil level	X				
Change water pump oil **		X	X	X	X
Oil leak inspection	X				
Fuel leak inspection	X				
Water leak inspection	X				
Hose inspection	X				
Water inlet filter inspection	X				
Check fuel filter/water separator	X				
Inspect belt		X	X	X	X
Replace high pressure nozzle***		X	X	X	X
Replace fuel filter/water separator					X
Inspect fuel pump filter*					X
Replace fuel nozzle*					X
Check burner air adjustment		X	X	X	X
Check burner electrodes*					X
Test water pressure*		X	X	X	X
Test fuel pressure*		X	X	X	X
Test water temperature*		X	X	X	X
Descale coil****					X

* Must be performed by an authorized service technician.

** The pump oil must be changed after the first 50 hours of operation and every 250 hours or 3 months, whichever comes first.

*** High pressure nozzle should be replaced whenever pressure is less than 85%.

**** Scale build-up will vary with mineral content in the water and amount of usage. Descaling can range from weekly to yearly maintenance.

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AVERTISSEMENT

RISQUE D'INJECTION CAUSANT DES BLESSURES GRAVES!

-LA SECURITE DU PISTOLET DOIT ETRE ENCLENCHEE ENTRE CHAQUE UTILISATION

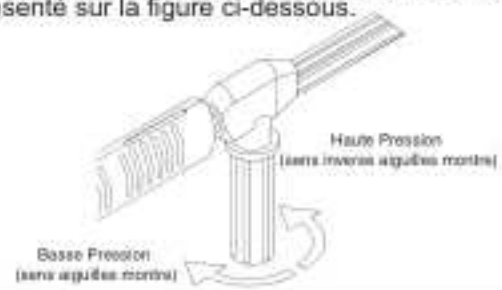
-NE JAMAIS REGARDER DIRECTEMENT DANS LA BUSE SAUF SI CELLE CI EST DECONNECTEE DE LA DOUBLE LANCE.



LANCE DOUBLE A PRESSION REGLABLE:

Cet appareil comporte une double lance à pression réglable qui permet à l'utilisateur de choisir une pulvérisation à haute ou basse pression. Tournez simplement la poignée réglable sur la double lance pour choisir la pression désirée.

1. Le choix de la haute pression peut être effectué en tournant la poignée réglable de la double lance dans le sens contraire des aiguilles d'une montre comme représenté sur la figure ci-dessous.
2. Le choix de la basse pression peut être effectué en tournant la poignée réglable sur la double lance dans le sens des aiguilles d'une montre comme représenté sur la figure ci-dessous.



RACCORDEMENT DE LA DOUBLE LANCE:

1. Assurez-vous que le pistolet de déclenchement est bloqué en position "off".
2. Reliez la double lance au pistolet de déclenchement (si approprié). Assurez-vous que le raccordement est solidement serré.

APPROVISIONNEMENT EN EAU:



1. Choisissez un tuyau d'approvisionnement en eau qui soit un tuyau de jardin de qualité mesurant au moins ¾ in. (19mm) de diamètre et pas plus de 50 ft (15m).
2. Si votre appareil est équipé d'une crépine, assurez-vous qu'elle est propre et non obstruée. Le nettoyage périodique de la crépine aidera à empêcher des problèmes de pompe. Lorsqu'une crépine s'obstrue, elle limite l'écoulement d'eau à la pompe. Ceci peut avoir comme conséquence la cavitation qui causera la défaillance prématurée des joints de pompe.
   a. Dévissez la coupelle de la crépine de l'appareil.
   b. Enlevez le filtre de la crépine et nettoyez ou remplacez.
3. Reliez une extrémité du tuyau d'approvisionnement en eau à l'admission d'eau de l'appareil. Reliez l'autre extrémité à votre approvisionnement en eau pressurisé.

NOTE: *S' il y a une teneur en minéraux élevée dans votre eau, on recommande l'emploi d'un adoucissant afin empêcher la possibilité d'un dépôt excessif de calcaire à l'intérieur de l'enroulement d'échangeur de chaleur.*

4. Suivez les exigences pour l'eau entrante énumérées ci-dessous:
   a. La pression de l'eau doit être entre un minimum de 20 PSI (1.4 kg/cm²) et un maximum de 125 PSI (8.8kg/ cm²)
   b. Le débit à l'entrée doit être approximativement un gallon (3.8l) de plus que le débit à la sortie, lequel est indiqué sur la plaque signalétique de la machine. (vous pouvez vérifier le débit en chronométrant en combien de temps il remplit un récipient de 5 gallons (19l)).
   c. La température de l'eau à l'entrée ne doit pas excéder 125°F (52°C). La pompe peut subir des dommages si la température excède ce niveau.
5. Ne laissez jamais l'appareil fonctionner sans le tuyau d'arrivée d'eau raccordé et l'approvisionnement en eau complétement ouvert.

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