Wheel Saw

WS18

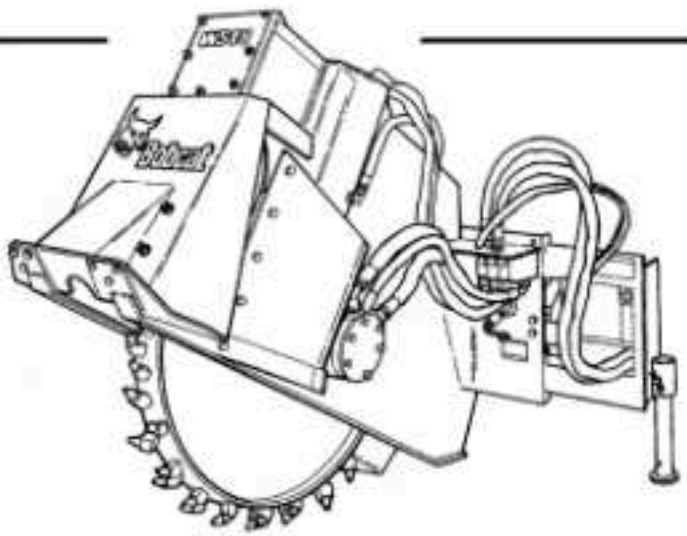
WS24

Bobcat®

Operation & Maintenance Manual

(WS18) S/N 991800101 & Above

(WS24) S/N 991900101 & Above



Ingersoll Rand

6901047 (3-01) Revised (3-06) (3)

Printed in U.S.A.

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PREVENTIVE MAINTENANCE PM-1

SPECIFICATIONS SPEC-1

REFERENCE INFORMATION

Write the correct information for YOUR Wheel Saw Attachment in the spaces below. Always use these numbers when referring to your Wheel Saw.

Wheel Saw Serial Number _____

_____

_____

_____

NOTES:

_____

_____

_____

_____

_____

_____

YOUR BOBCAT® DEALER:

ADDRESS:

_____

PHONE:

_____

Bobcat Company
P.O. Box 128
Gwinner, ND 58040-0128

Bobcat Company Europe
J. Huysmanslaan 59
B-1651 LOT
Belgium

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FOREWORD

This Operation & Maintenance Manual was written to give the owner/operator instructions on the safe operation and maintenance of the Wheel Saw. READ AND UNDERSTAND THIS OPERATION & MAINTENANCE MANUAL BEFORE OPERATING YOUR Wheel Saw. If you have any questions, see your Bobcat dealer.

ATTACHMENT DELIVERY REPORT VII

WHEEL SAW IDENTIFICATION - WS18 VIII

WHEEL SAW IDENTIFICATION - WS24 IX

SERIAL NUMBER LOCATION VII

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OPERATING PROCEDURE

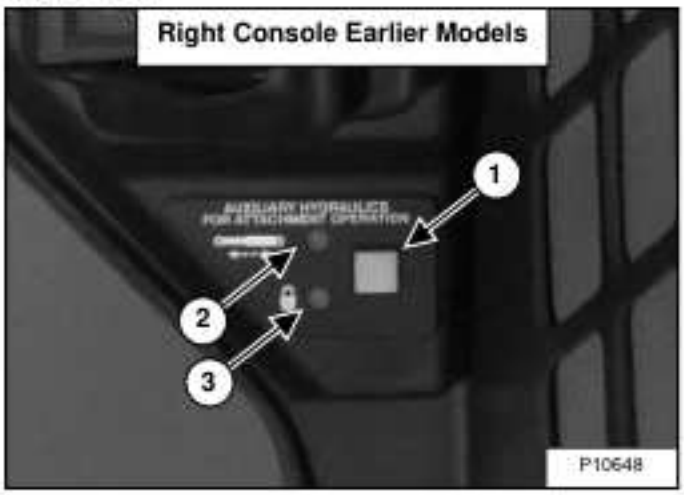
Auxiliary Hydraulics

The auxiliary hydraulics must be activated prior to wheel saw operation.

Loaders: Enter the loader. Fasten the seat belt, lower the seat bar and start the engine. Release the parking brake.

Earlier Models

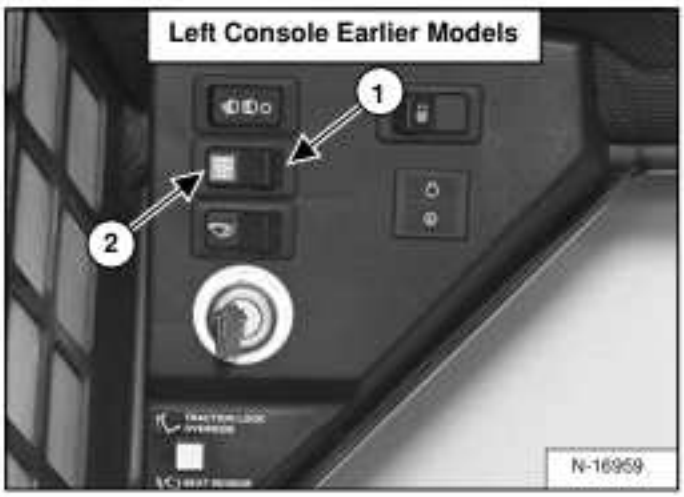
Figure OI-33



Early Model Loaders: To activate the front auxiliary hydraulics, press the auxiliary hydraulic switch (Item 1) twice. Both lights (Item 2 & 3) **[Figure OI-33]** will be illuminated.

Press the switch (Item 1) **[Figure OI-33]** one more time to disengage the front auxiliaries.

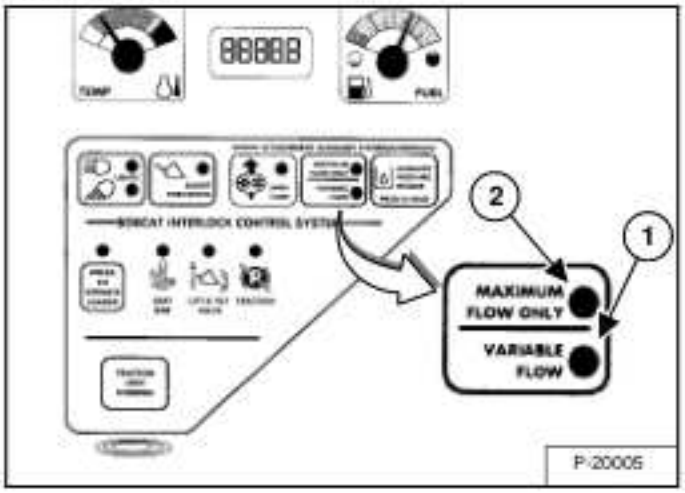
Figure OI-34



Press the high flow switch (Item 1) to activate high flow auxiliaries. The light (Item 2) will be illuminated **[Figure OI-34]**.

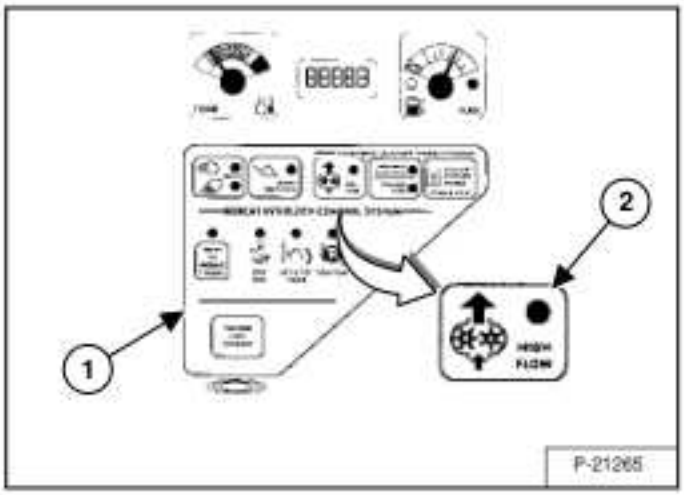
Later Models

Figure OI-35



Press the auxiliary hydraulic switch (Item 1) (on the instrument panel) twice to activate the switches on the steering levers. The MAXIMUM FLOW ONLY light (Item 2) will come on **[Figure OI-35]**. Pressing the auxiliary hydraulic switch a third time disengages the auxiliary hydraulics and the light will go off.

Figure OI-36



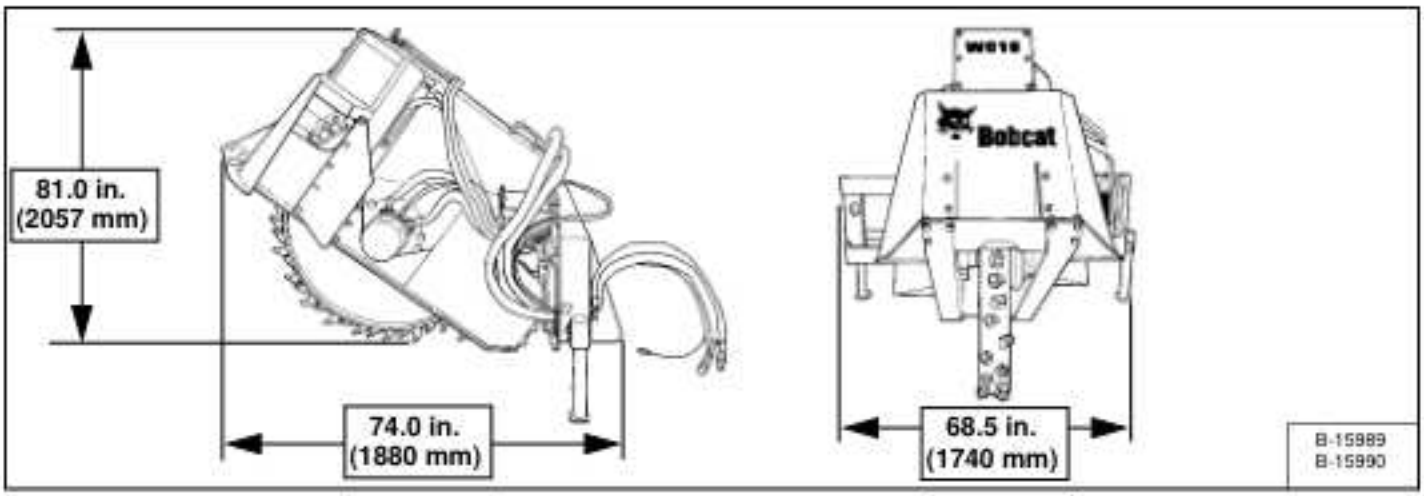
Press the high flow switch (Item 1) to activate high flow auxiliaries. The light (Item 2) will be illuminated **[Figure OI-36]**.

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SPECIFICATIONS (CONT'D)

WS24

- All dimensions are shown in inches. Respective metric dimensions are given in millimeters enclosed by parentheses.
- Where applicable, specifications conform to **SAE and ISO** standards and are subject to change without notice.



DESCRIPTION	WS18 WHEEL SAW
Overall Attachment Width	68.50 in. (1740 mm)
Overall Length	74 in. (1880 mm)
Overall Height	81 in. (2057 mm)
Trenching Depth	8.0-24.0 in. (200-600 mm)
Wheel Widths	5-1/8 in. (130 mm), 6-1/4 in. (160 mm), 7.0 in. (180 mm), 7-7/8 in. (200 mm)
Weight (Less Wheel and Trench Cleaner)	1865 lb. (845 kg)
Weight 5-1/8 in. (130 mm) Wheel	508 lb. (230 kg)
Weight 6-1/4 in. (160 mm) Wheel	585 lb. (265 kg)
Weight 7.0 in. (180 mm) Wheel	607 lb. (275 kg)
Weight 7-7/8 in. (200 mm) Wheel	618 lb. (280 kg)
Weight 5-1/8 in. (130 mm) Trench Cleaner	113 lb. (51 kg)
Weight 6-1/4 in. (160 mm) Trench Cleaner	130 lb. (59 kg)
Weight 7.0 in. (180 mm) Trench Cleaner	139 lb. (63 kg)
Weight 7-7/8 in. (200 mm) Trench Cleaner	148 lb. (67 kg)
Side Shift	Hydraulic
Hydraulic Flow	25-40 GPM (99-151 Lpm)
Wheel RPM (No Load) @ 30 GPM (113,6 L/m)	67
Tool Bit Quantities - 5-1/8 in. (130 mm) Wheel	80
Tool Bit Quantities - 6-1/4 in. (160 mm) Wheel	96
Tool Bit Quantities - 7.0 in. (180 mm) Wheel	96
Tool Bit Quantities - 7-7/8 in. (200 mm) Wheel	96
Overall Attachment Width	68.50" (1740 mm)
Overall Length	74" (1880 mm)

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SAFETY INSTRUCTIONS

Safe Operation Is The Operator's Responsibility

Safety Alert Symbol

This symbol with a warning statement means: "Warning, be alert! Your safety is involved!" Carefully read the message that follows.

WARNING

Operator must have instructions before running the machine. Untrained operators can cause injury or death.

W-2001-1285

IMPORTANT

This notice identifies procedures which must be followed to avoid damage to the machine.

I-2019-0284

WARNING

Warnings on the machine and in the manuals are for your safety. Failure to obey warnings can cause injury or death.

W-2044-1285

The Bobcat machine and attachment must be in good operating condition before use.

Check all of the items on the Bobcat Service Schedule Decal under the 8-10 hour column or as shown in the Operation & Maintenance Manual.

Safe Operation Needs A Qualified Operator

For an operator to be qualified, he or she must not use drugs or alcoholic drinks which impair alertness or coordination while working. An operator who is taking prescription drugs must get medical advice to determine if he or she can safely operate a machine.

A Qualified Operator Must Do The Following:

Understand the Written Instructions, Rules and Regulations

- The written instructions from Bobcat Company include the Delivery Report, Operation & Maintenance Manual, Operator's Handbook, Safety Manual and machine signs (decals).
- Check the rules and regulations at your location. The rules may include an employer's work safety requirements. Regulations may apply to local driving requirements or use of a Slow Moving Vehicle (SMV) emblem. Regulations may identify a hazard such as a utility line.

Have Training with Actual Operation

- Operator training must consist of a demonstration and verbal instruction. This training is given by your Bobcat dealer before the product is delivered.
- The new operator must start in an area without bystanders and use all the controls until he or she can operate the machine and attachment safely under all conditions of the work area. Always fasten seat belt before operating.

Know the Work Conditions

- Know the weight of the materials being handled. Avoid exceeding the machine load capacities. Material which is very dense will be heavier than the same volume of less dense material. Reduce the size of load if handling dense material.
- The operator must know any prohibited uses or work areas, for example, he or she needs to know about excessive slopes.
- Know the location of any underground lines. Call local utilities or the TOLL FREE phone number found in the *USE SAFETY RULES* Section of this manual.
- Wear tight fitting clothing. Always wear safety glasses when doing maintenance or service. Safety glasses, hearing protection, Special Applications Kits or a Front Window Guard are required for some work. See your Bobcat dealer about Bobcat Safety equipment for your machine.

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