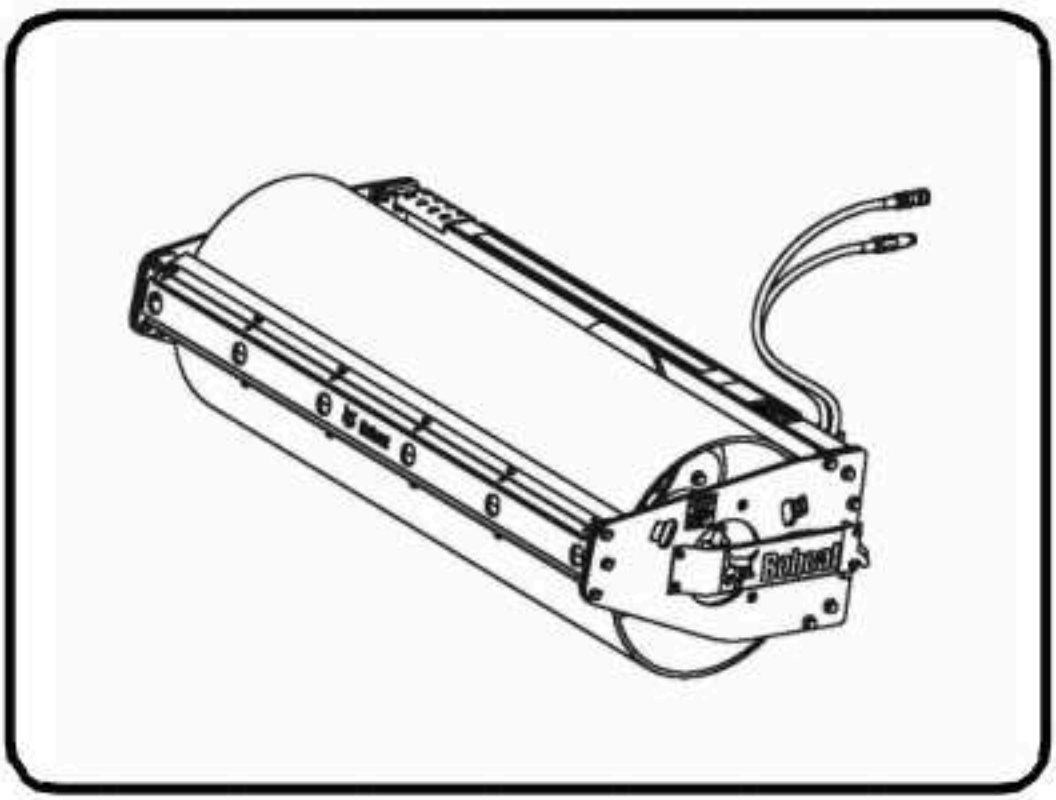
Bobcat®

Service Manual
Vibratory Roller

(Roller 48 Padded) S/N AFLJ00101 & Above
(Roller 48 Smooth) S/N AFLK00101 & Above
(Roller 73 Padded) S/N AFLD00101 & Above
(Roller 73 Smooth) S/N AFLE00101 & Above
(Roller 80 Smooth) S/N AFLC00101 & Above



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REFERENCE INFORMATION

Write the correct information for YOUR vibratory roller attachment in the spaces below. Always use these numbers when referring to your vibratory roller.

Vibratory Roller Serial Number _____

_____

_____

_____

NOTES:

_____

_____

_____

_____

YOUR BOBCAT® DEALER:

ADDRESS:

_____

PHONE:

_____

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

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Belgium

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TROUBLESHOOTING

Chart

Use the following troubleshooting charts to locate and correct problems which most often occur with the vibratory roller.

48 In. Vibratory Roller Models		
PROBLEM	**CAUSE**	**CORRECTION**
Vibratory Roller shaft will not rotate	Loader fluid reservoir is low	Add fluid to reservoir on loader
	No fluid to vibratory roller	Check connections and flow to roller
	Loader hydraulic pump not working	Repair or replace as needed
	Damaged quick couplers	Replace quick couplers
	Coupler flexible element is broken or torn	Replace the flexible element
Vibratory Roller shaft rotates slowly	Not enough hydraulic flow	Test loader hydraulics for flow and pressure
	Relief valve in hydraulic cushion is not functioning	See the vibratory roller Service Manual for the correct procedure
Vibratory Roller shaft will not rotate	Loader fluid reservoir is low	Add fluid to reservoir on loader, remove relief valve and inspect O-ring condition
Does not oscillate	Lack of lubrication	Grease the mounting frame

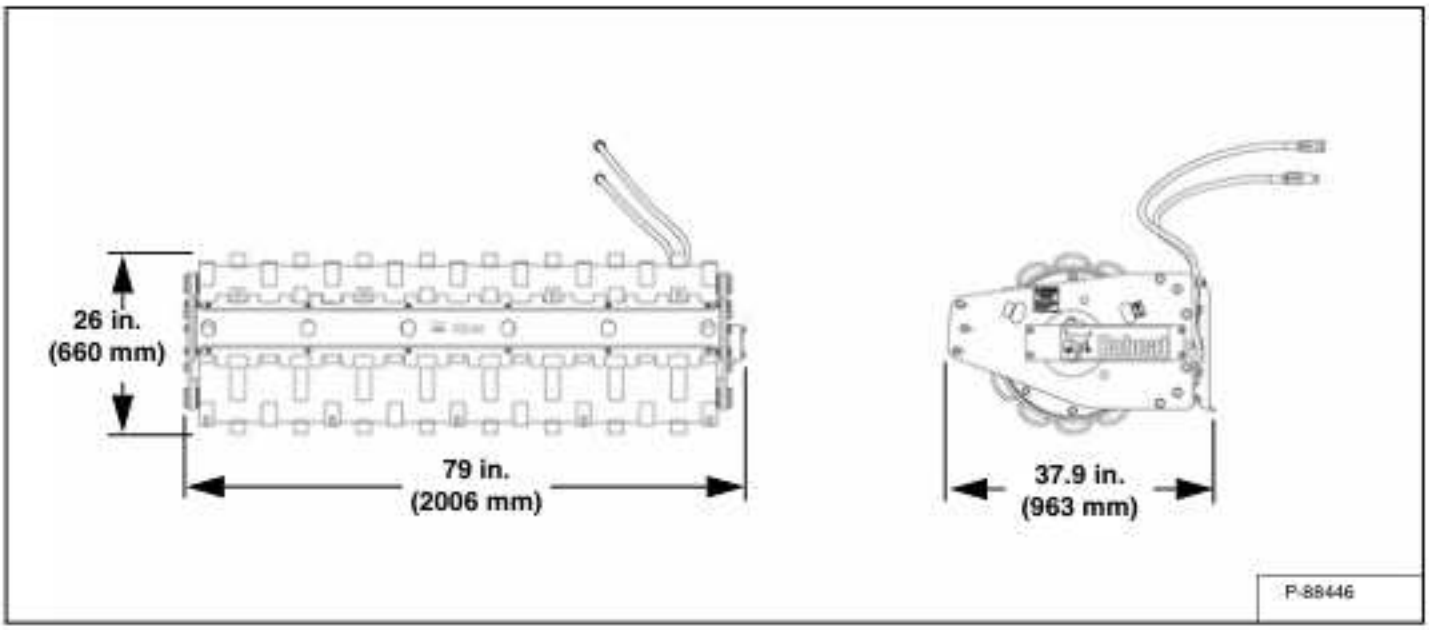
73 & 80 In. Vibratory Roller Models		
PROBLEM	**CAUSE**	**CORRECTION**
Vibratory Roller shaft will not rotate	Loader fluid reservoir is low	Add fluid to reservoir on loader
	No fluid to vibratory roller	Check connections and flow to roller
	Loader hydraulic pump not working	Repair or replace as needed
	Damaged quick couplers	Replace quick couplers
	Coupler flexible element is broken or torn	Replace the flexible element
Vibratory Roller shaft rotates slowly	Not enough hydraulic flow	Test loader hydraulics for flow and pressure
	Relief valve in hydraulic cushion is not functioning	See the vibratory roller Service Manual for the correct procedure
Vibratory Roller shaft will not rotate	Loader fluid reservoir is low	Add fluid to reservoir on loader, remove relief valve and inspect O-ring condition
Does not oscillate	Improper wear plate adjustment	See the vibratory roller Operation and Maintenance Manual for the correct procedure

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(ROLLER 73 SMOOTH) SPECIFICATIONS

Dimensions

- 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



Performance

Drum Diameter	26 in. (660 mm)
Operating Weight	2208 lb. (1002 kg)
Operating Weight With Smooth Shells	N/A
Number of Pads	0
Drum Oscillation	+/- 7.5 degrees
Dynamic Force	7156 lb. (3246 kg) @ 17 GPM
	9905 lb. (4493 kg) @ 20 GPM
	14263 lb. (6470 kg) @ 24 GPM
Frequency	2041 vpm @ 17 GPM
	2401 vpm @ 20 GPM
	2882 vpm @ 24 GPM

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