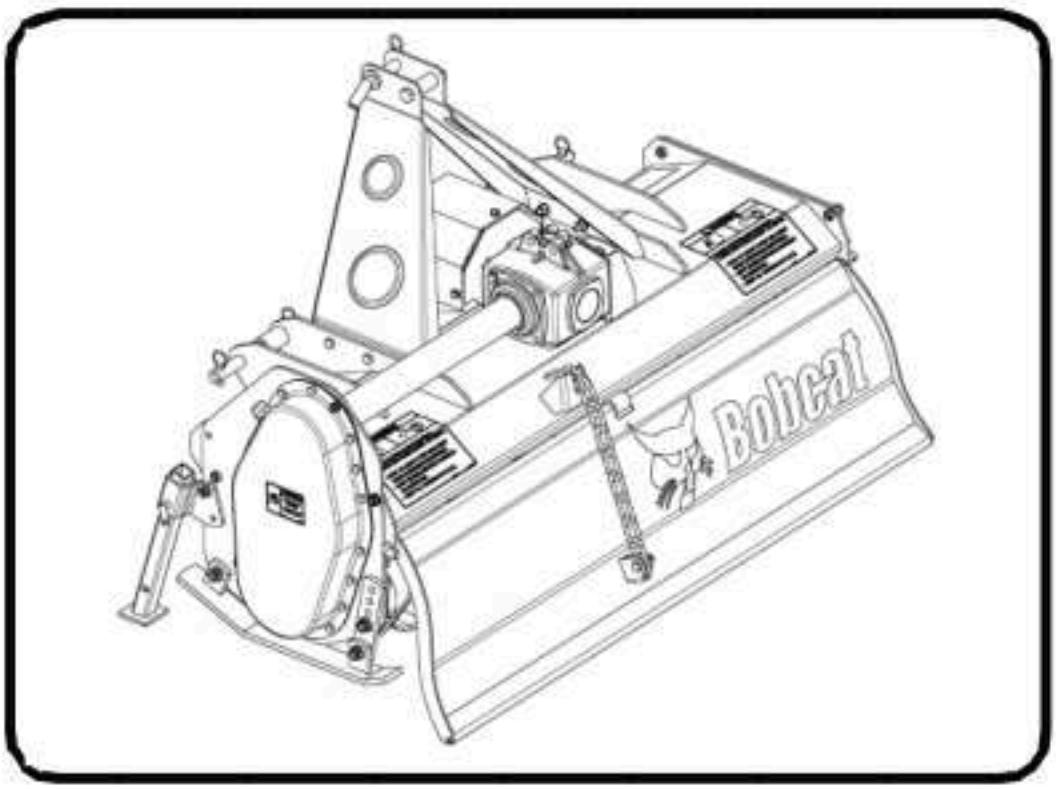
Bobcat®

Service Manual
Three-Point Tiller

(TILLER 3TIL48) S/N ADL700101 & Above
(TILLER 3TIL60) S/N ADKY00101 & Above
(TILLER 3TIL74) S/N ADL400101 & Above



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TROUBLESHOOTING 10-10-1
Chart 10-10-1

SERVICE SCHEDULE 10-20-1
Description 10-20-1

DAILY INSPECTION 10-30-1
Implement Mounting Frame 10-30-1
Three-Point Hitch 10-30-1

LUBRICATING THE IMPLEMENT 10-40-1
Lubrication Locations 10-40-1

REGULAR MAINTENANCE ITEMS 10-50-1
Skids 10-50-1
Tines 10-50-1
Gearbox Fluid 10-50-2
Transmission Fluid 10-50-2
Cleaning The Three-Point Tiller 10-50-3

GEARBOX FLUID CHANGE 10-60-1
48" Tiller 10-60-1
60" & 74" Tiller 10-60-1

REMOVAL AND INSTALLATION 10-70-1
Tine Replacement 10-70-1
Skid Replacement 10-70-1
Leveling Board Replacement 10-70-2
Jack Stand Replacement 10-70-2

IMPLEMENT STORAGE AND RETURN TO SERVICE 10-80-1
Storage 10-80-1
Return to Service 10-80-1

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TROUBLESHOOTING

Chart

⚠ WARNING

Instructions are necessary before operating or servicing machine. Read and understand the Operation & Maintenance Manual, Operator's Handbook and signs (decals) on machine. Follow warnings and instructions in the manuals when making repairs, adjustments or servicing. Check for correct function after adjustments, repairs or service. Untrained operators and failure to follow instructions can cause injury or death.

W-2003-0903

If the attachment is not working correctly, check the hydraulic system of the machine thoroughly before making any repairs on the attachment. Attachment problems can be affected by a hydraulic system that is not operating to specifications. Connect a flow meter to the machine to check the hydraulic pump output, relief valve setting and tube lines to check flow and pressure. (See the machine's Service Manual for the correct procedure to connect the flow meter.)

Use the following troubleshooting chart to locate and correct problems which most often occur with the attachment.

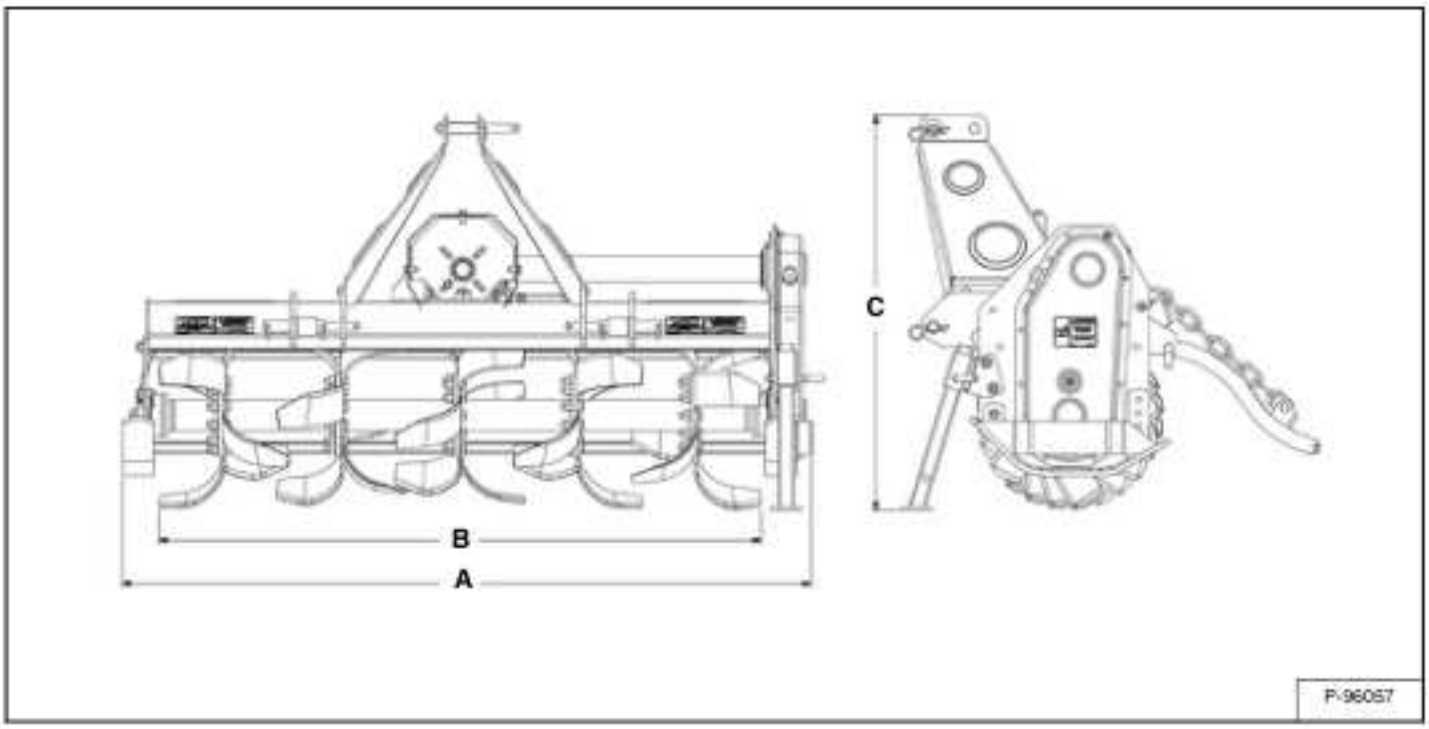
PROBLEM	CAUSE	CORRECTION
Will not till deep enough.	Skid shoes set too high.	Adjust skid shoes.
	Top three-point link adjusted incorrectly.	Adjust top link.
	Tines are worn too much.	Replace worn tines.
Rotor will not turn.	PTO not engaged.	Engage rear-PTO.
	PTO slip clutch worn excessively.	Replace slip clutch. See your Bobcat dealer for service.
	Rotor is obstructed.	Remove obstruction from rotor.
Poor tilling quality.	Tines are worn too much.	Replace tine(s).
	Missing or damaged tine(s).	Replace tine(s).
	Ground speed too fast.	Drive at slower ground speed.
Tillage is not smooth.	Ground speed too fast.	Drive at slower ground speed.
	Leveling board adjusted incorrectly.	Adjust leveling board correctly.

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(TILLER 3TIL48, TILLER 3TIL60, TILLER 3TIL74) THREE-POINT TILLER SPECIFICATIONS

Dimensions

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



DESCRIPTION	TILLER 3TIL48 (48 IN.)	TILLER 3TIL60 (60 IN.)	TILLER 3TIL74 (74 IN.)
Overall Width (A)	52.6 in. (1336 mm)	63.5 in. (1613 mm)	79.0 in. (2007 mm)
Overall Cutting Width (B)	47.8 in. (1214 mm)	59.1 in. (1501 mm)	74.0 in. (1880 mm)
Overall Height (C)	30.0 in. (762 mm)	32.0 in. (813 mm)	33.1 in. (841 mm)
Operating Weight	344 lb. (156 Kg)	450 lb. (204 Kg)	653 lb. (296 Kg)
Working Depth (Max.)	7.0 in. (178 mm)	7.0 in. (178 mm)	7.0 in. (178 mm)
Drive Type	Chain	Gear	Gear
Hitch Category	0 and 1	1	1 and 2
Flanges/Blades Per	5/6	7/6	9/6
Total Blades	30	42	54
Tractor PTO Speed	540	540	540
Rotor RPM	253	246	242
Tractor PTO HP	15 - 20	15 - 35	30 - 50
Skid Shoes	Adjustable/Replaceable	Adjustable/Replaceable	Adjustable/Replaceable

Capacities

DESCRIPTION	TILLER 3TIL48 (48 IN.)	TILLER 3TIL60 (60 IN.)	TILLER 3TIL74 (74 IN.)
Gearbox	0.13 Gal. (0.5 L)	0.20 Gal. (0.75 L)	0.26 Gal. (1.0 L)
Side Transmission	0.26 Gal. (1.0 L)	0.40 Gal. (1.5 L)	0.40 Gal. (1.5 L)

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