

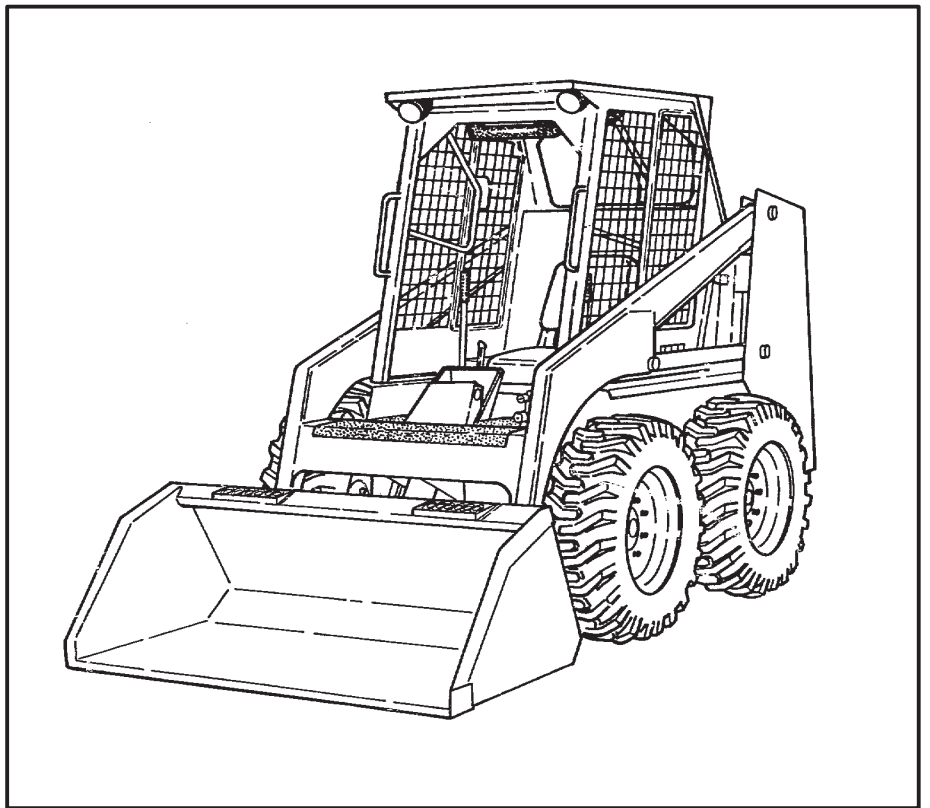
5
4
0

5
4
3



Service Manual

540 (S/N 501011999 & Below)
543 (S/N 501111999 & Below)



MELROE
INGERSOLL-RAND

6566181 (11-81)

Printed in U.S.A.



© Melroe Company 1981

FOREWORD

This Service Manual gives the instructions for correct servicing, adjustment and overhauling of the Bobcat loader Hydraulic/Hydrostatic System, Drive System, Main Frame, Electrical System and Engine Service.

Make reference to the Operator's Manual for operating instructions (Starting, Daily Checks, Loader Operation, etc.).

A general inspection of the following items must be made when the Bobcat loader has had service or repair.

1. Check hydraulic/hydrostatic fluid level, engine oil level and fuel supply.
2. Inspect for any sign of fuel, oil or hydraulic fluid leaks.
3. Lubricate the loader.
4. Check the condition of the battery(ies) and the cables.
5. Inspect the air cleaner system for damage or leaks.
6. Check the warning lights to see if they light.
7. Check the tires for wear and pressure.
8. Check the Bob-Tach for wear and see if the wedges are damaged.
9. Check the safety items for condition (Operator Guard, Seat Belt, Seat Bar, Safety Signs (Decals), Safety Treads, etc.).
10. Make an inspection for loose or broken parts or connections.
11. Operate the loader, checking all functions.

Check the above items. If any are in need of repair or adjustment, contact the owner.

CONTENTS

ALPHABETICAL INDEX	9
DRIVE SYSTEM	4
ELECTRICAL SYSTEM	6
ENGINE SERVICE	7
HYDRAULIC SYSTEM	2
HYDROSTATIC SYSTEM	3
MAIN FRAME	5
PREVENTIVE MAINTENANCE	1
TECHNICAL DATA	8

**PREVENTIVE
MAINTENANCE**

**HYDRAULIC
SYSTEM**

**HYDROSTATIC
SYSTEM**

**DRIVE
SYSTEM**

**MAIN
FRAME**

**ELECTRICAL
SYSTEM**

**ENGINE
SERVICE**

**TECHNICAL
DATA**

**ALPHABETICAL
INDEX**

**Thank you very much
for your reading.**

**Please click here to buy
After you pay.**

**Then, you can
download the complete
manual instantly.
No waiting.**