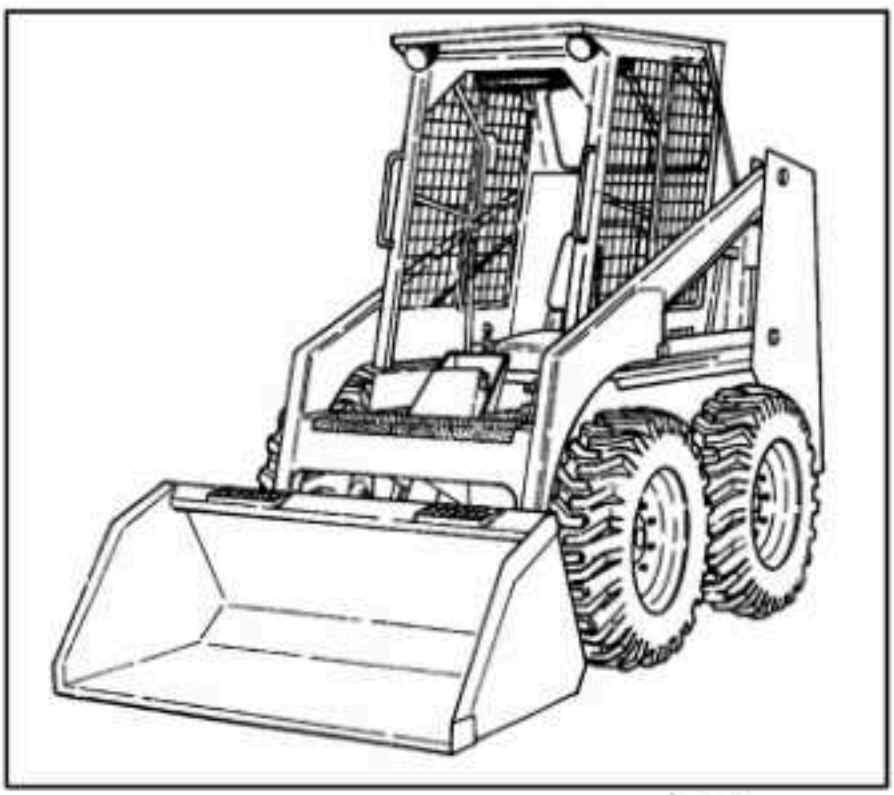
743B

Operation & Maintenance Manual



MELROE
INGERSOLL-RAND

bobcat

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I. SAFETY INSTRUCTIONS

A. SAFETY IS THE OPERATOR'S RESPONSIBILITY

The Skid Steer Loader is a highly maneuverable and compact machine. In operation, it is rugged and useful under a wide variety of conditions. This presents an operator with hazards associated with off highway, rough terrain applications. The loader has an internal combustion engine with resultant heat and exhaust. All exhaust gases can kill so the loader must be used with adequate ventilation. The loader has a spark arrestor muffler which is required for operation in certain areas.

The dealer explains the capabilities and restrictions of the loader and attachments for each application. The dealer demonstrates the safe operation of the loader according to Melroe's instructional materials; which are also available to operators. The dealer can also identify unsafe modifications or use of unapproved attachments. The attachments and buckets are designed for rated capacity and secure fastening to the loader. The user must check with the dealer, or Melroe Company literature, to determine safe loads of materials of specified densities for his loader-attachment combination.

The following publications provide information on the safe use and maintenance of the loader and attachments.

1. The Delivery Report is used to assure that complete instructions have been given to the new owner and that the machine is in safe operating condition.
2. The Operation & Maintenance Manual delivered with the loader gives operating information as well as routine maintenance and service procedures. It is a part of the loader and must stay with the machine when it is sold. Replacement Operation & Maintenance Manuals can be ordered from your Bobcat dealer.
3. The loader has machine signs (decals) which instruct on the safe operation and care. The signs and their locations are shown in the Operation & Maintenance Manual. Replacement signs are available from your Bobcat loader dealer.
4. The loader has a plastic Operator's Handbook fastened to the operator cab. It's brief instructions are convenient to the operator. The handbook is available from your dealer in English edition or a combination English, French, German & Spanish edition.
5. The EMI Manual delivered with the loader gives general safety information.
6. The Service Manual and Parts Manual are available from Bobcat dealers for use by mechanics to do shop-type service and repair work.

The dealer and owner/operator review the recommended uses of the loader and attachments when the loader is delivered. If the owner/operator will be using the loader for a different application then was originally demonstrated by the dealer, ask the dealer for recommendations on the new use.

B. BEFORE OPERATING THE BOBCAT LOADER

This safety symbol is used for important safety messages. When you see this symbol, follow the safety message to avoid personal injury or death.





B-10731

The Bobcat loader must be in good operating condition before use. Check all of the items on the Service Schedule under 8 - 10 hour column.





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MAINTENANCE SAFETY

⚠ WARNING

Instructions are necessary before operating or servicing machine. Read Operation & Maintenance Manual, 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. Failure to follow instructions can cause injury or death.

W-2003-1289

⚠ Safety Alert Symbol: This symbol is used for important safety messages. When you see this symbol, follow the safety message to avoid personal injury or death.

CORRECT



B-10731

⚠ Never service the Bobcat® Skid Steer Loader without instructions.

CORRECT



B-12365

⚠ Use the correct procedure to lift or lower operator cab with lift arms down.

CORRECT



B-7469

⚠ Cleaning and maintenance are required daily.

⚠ Keep rear door closed except for service. Close and latch door before operating the loader.

WRONG



B-11799

⚠ Have good ventilation when welding or grinding painted parts.

⚠ Wear dust mask when grinding painted parts. Toxic dust and gas can be produced.

WRONG



B-3724

⚠ Vent exhaust to outside when engine must be run for service.

⚠ Avoid exhaust fume leaks which can kill without warning. Exhaust system must be tightly sealed.

WRONG



B-6593

⚠ Never work on loader with lift arms up unless lift arms are held by a lift arm support device.

⚠ Never modify equipment or add attachments not approved by Melroe Company.

WRONG



B-6590

⚠ Stop, cool and clean engine of flammable materials before checking fluids.

⚠ Never service or adjust loader with the engine running unless instructed to do so in the manual.

⚠ Avoid contact with leaking hydraulic fluid or diesel fuel under pressure. It can penetrate the skin or eyes.

⚠ Never fill fuel tank with engine running, while smoking or when near open flame.

WRONG



B-6580

⚠ Keep body, jewelry and clothing away from moving parts, electrical contacts, hot parts and exhaust.

⚠ Wear eye protection to guard from battery acid, compressed springs, fluids under pressure and flying debris when engines are running or tools are used. Use eye protection approved for type of welding.

WRONG



B-6589

⚠ Lead-acid batteries produce flammable and explosive gases.

⚠ Keep arcs, sparks, flames and lighted tobacco away from batteries.

⚠ Batteries contain acid which burns eyes or skin on contact. Wear protective clothing. If acid contacts body, flush well with water. For eye contact flush well and get immediate medical attention.

Maintenance procedures which are given in the Operation & Maintenance Manual can be performed by the owner/operator without any specific technical training. Maintenance procedures which are **not** in this manual must be performed **ONLY BY QUALIFIED BOBCAT SERVICE PERSONNEL. Always use genuine Bobcat replacement parts.**

12-95

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