bobcat

540

(S/N 20001 & Above)

Operation & Maintenance Manual



MELROE COMPANY

6566858 (8-84)-1M

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I. SAFETY INSTRUCTIONS

A. SAFETY IS YOUR 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 which are common for off highway, rough terrain applications but are not unique for use of Bobcat loaders. 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 must not be used in an area with explosive dusts or gases or so that the engine exhaust can contact flammable material. The loader has a spark arrestor muffler which is required for operation in certain areas.

The dealer recommends the capabilities and restrictions of the loader and attachments for each application. The dealer demonstrates the safe operation of the loader according to the manufacturer's instructional materials which are also available to all 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. For each model loader, the user must check with the dealer or manufacturer's literature to identify each bucket or attachment for safe loads of materials of specified densities.

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

1. The Delivery Report is used to check whether complete instructions have been given to the new owner.
2. The Operator's Manual delivered with every loader gives operating information as well as routine maintenance and service procedures.
3. Every loader has machine signs (or decals) which instruct on the safe care and operation of the loader. The complete signs and their location are shown in the Operator's Manual. All signs are available from your Bobcat dealer.
4. The loader has a plastic Operator Handbook fastened to the operator cab. It has brief instructions always available to the operator. The handbook is available from your Bobcat dealer in an English edition or a combination English, French, German, Spanish edition.
5. The Service Manual and Parts Manual are optional manuals from your Bobcat dealer 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 at the time of delivery of the loader. If change of the use of the loader occurs, the owner/operator must remember to ask the dealer for recommendations on the new use of the loader.

B. BEFORE OPERATING THE BOBCAT LOADER

⚠ WARNING

Operator must have instructions before operating loader. Failure to obey warnings can cause injury or death.

W-2001-0284



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This Operator's Manual was written to give the owner/operator instructions on the safe operation and maintenance of the Bobcat loader. READ AND UNDERSTAND THIS OPERATOR'S MANUAL BEFORE OPERATING YOUR BOBCAT. If you have any questions, see your local Bobcat dealer.

The Bobcat loader must be in good operating condition.

Check all of the items on the Service Schedule under the 8 - 10 hour column.

⚠ WARNING

For your safety, warnings are on loader and in manual. Failure to obey warnings can cause injury or death.

W-2044-0284

IMPORTANT

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

I-2019-0284

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MAINTENANCE SAFETY WARNINGS

⚠WARNING

Instructions are necessary before doing service on loader. See warnings and instructions both at beginning and throughout this manual. After doing service or making repair or adjustment, always check function of loader. Failure to obey warnings can cause injury or death.

W-2048-0284

CORRECT



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⚠ Never service the Bobcat loader without instructions.

CORRECT



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

CORRECT



B-7463

⚠ Use correct procedure to lift and lower operator cab with lift arms held with a lift arm stop.

CORRECT



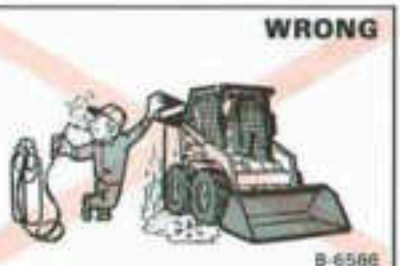
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⚠ Cleaning and maintenance are required daily.

⚠ Check engine and hydraulic fluids daily.

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

WRONG



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

WRONG



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

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

WRONG



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⚠ 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 fluids or diesel fuel which is under pressure. It can penetrate the skin or eyes.

WRONG



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

⚠ Safety glasses or goggles are always needed for eye protection from electrical arcs from shorts or welding, battery acid, compressed springs, fluids under pressure and flying debris or loose material when engines are running or tools are used. Use eye protection approved for type of welding.

WRONG



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⚠ Lead-acid batteries produce flammable and explosive gases.

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

⚠ Lead-acid batteries contain sulfuric acid which will damage eyes or skin on contact. If acid contacts eyes, skin or clothing, flush well with water. For contact with eyes, get immediate medical attention.

⚠ Safety Alert Symbol

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