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MANUAL PREVIEW

Bobcat Operator's Manual

533
Skid Steer

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Operator's Manual

CLARK

500

SERIES



bobcat



OWNER'S MANUAL

533



CLARK Melroe
Division

CLARK EQUIPMENT COMPANY, GWINNER, NORTH DAKOTA 58040

Printed in U.S.A.

FOREWORD

This book is written to give the owner/operator necessary operating, routine servicing and preventive maintenance instructions for the Model 533 Bobcat.

Read this manual thoroughly and become completely familiar with the machine before proceeding with operating and servicing. To locate desired section, place thumb on respective tab and flip pages until corresponding section tab is reached.

For any additional information required, please refer to your Bobcat dealer.

Maintenance which is beyond the scope of this manual should not be attempted by anyone other than qualified, authorized Melroe Dealer Servicing personnel.

ADDITION PUBLICATIONS

Parts Books, Service Manuals and additional Owner's Manuals are available through the local Bobcat dealer at a reasonable charge.

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OPERATING
INSTRUCTIONS

PREVENTIVE
MAINTENANCE

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MAJOR
PARTS

GENERAL
INFORMATION

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OPERATING INSTRUCTIONS

OPERATING
INSTRUCTIONS

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3. Make sure that all controls are in neutral before starting the engine.
4. Keep personnel away from work area when operating the loader.
5. Stop engine, fully lower the lift arms and bucket. Set the parking brake before leaving the seat.
6. Fill fuel tank only after engine is stopped and has cooled, and in a well ventilated area, free of sparks or open flame.
7. Observe and follow all markings (Decals) on the machine (Fig. 4). Replace damaged or missing decals (See Bobcat Dealer).

CONTROLS

All controls for operating the loader are within easy reach of the operator.

Become completely familiar with the instruments on the dash panel, and the drive controls and their response.

DASH PANEL

The dash panel contains the following instruments: (Fig. 5)

1. Key Switch — For starting the engine.
2. Ammeter
3. "ENG" warning light — Stop engine if light comes on.
4. "TRANS" warning light — Stop engine if light comes on.
5. Hour Meter
6. Light Switch — Controls work and travel lights.
7. Pre-heat indicator.



Fig. 4 Decal Locations

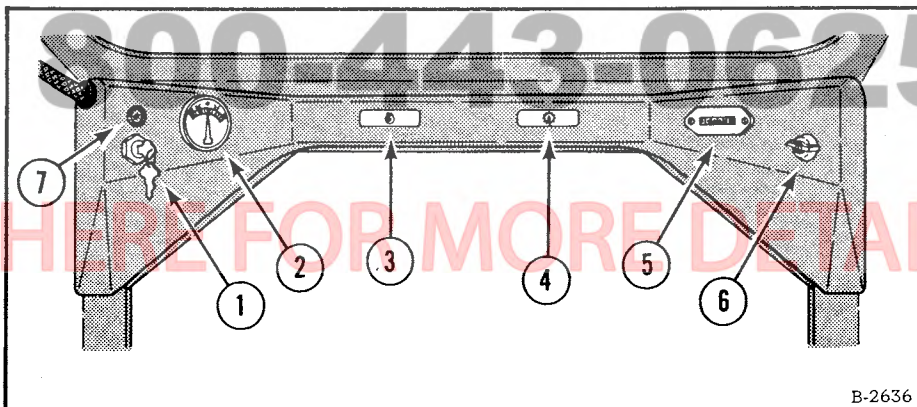


Fig. 5 Dash Panel

E-1163

B-2636

THROTTLE CONTROL

The throttle control is located at the right side of the seat (Fig. 6). Engine speed is controlled by moving the throttle forward to increase engine speed and backward to decrease engine speed. Pulling the throttle control fully backward stops the engine. (Remember to turn key off after stopping engine).

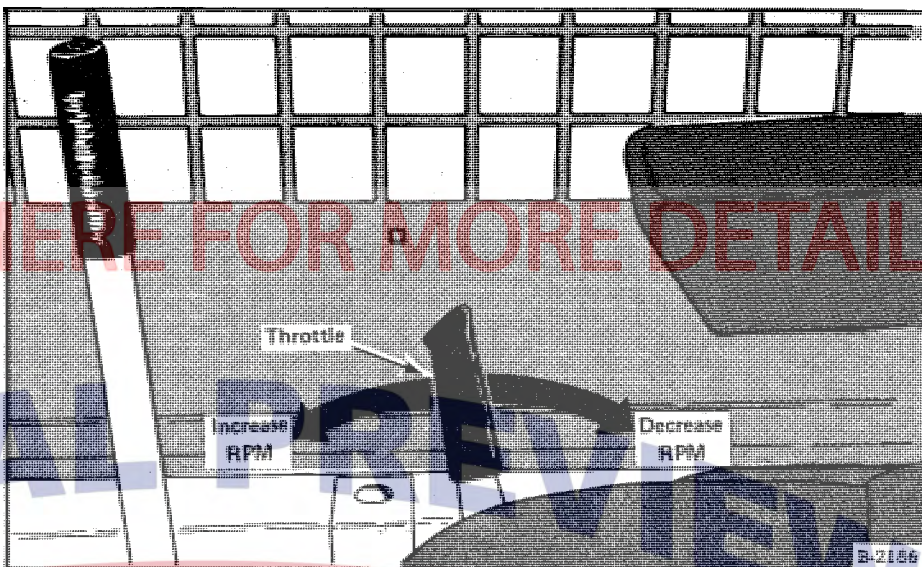


Fig. 6 Throttle Control

STEERING CONTROLS

The steering control levers are located on the right and left side in front of the seat (Fig. 7).

These levers control the forward and reverse travel and turning of the machine (Fig. 8).

Push both levers ahead for forward travel (A).

Pull both levers back for reverse travel (B).

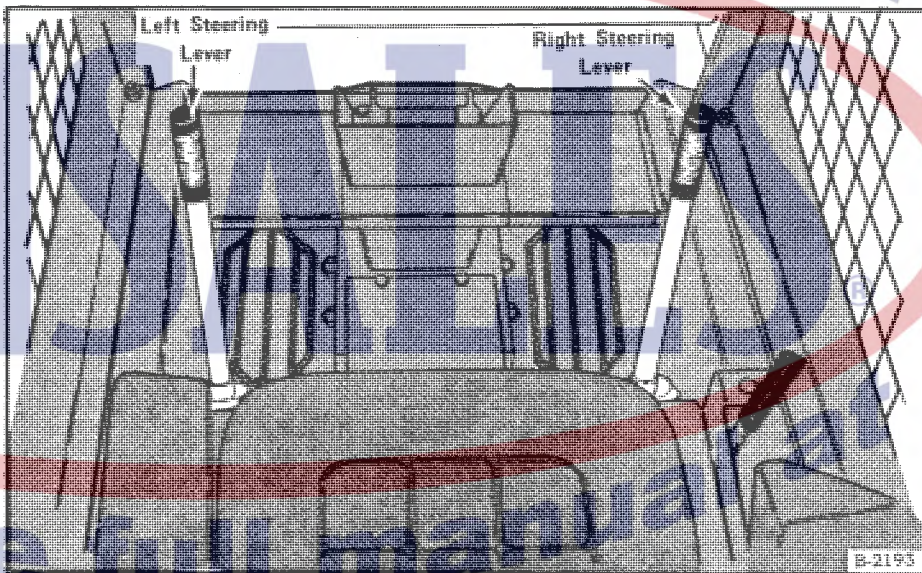


Fig. 7 Steering Controls

The machine is steered by moving one of the levers further ahead than the other (C & D).

By moving one lever forward and one lever backwards the machine will turn sharply (E & F).

Always engage steering levers slowly (especially when learning to operate loader) since only small movement of the levers is necessary to move the loader.

For maximum wheel torque (Power) use less lever movement. To increase travel speed use more lever movement.

PARKING BRAKE

The parking brake (Fig. 9) is engaged by firmly pressing foot pedal into locked position.

Set the parking brake whenever the machine is stopped and before starting the engine.

Always release the parking brake before operating the loader.

HYDRAULIC CONTROLS

The two foot pedals control the lift arm and tilt hydraulic cylinders (Fig. 10).

Lift Arm Control: The left pedal controls the lift arms. Press the heel of the pedal to raise the lift arms and press the toe to lower them.

Pressing firmly on the toe of the pedal places the lift arms in a "Float" position which will permit them to follow rough ground when spreading material.

Tilt Control: The right pedal controls the tilting action of the Bob-Tach, for attachments: (Bucket, Fork, etc.) press the toe of the pedal to tilt the Bob-Tach forward. Press the heel to tilt the Bob-Tach backward.

Auxiliary Control (Optional): The right hand steering lever is also the auxiliary hydraulic control (Fig. 11). To activate the auxiliary hydraulic system move the lever to the left or the right. Moving the lever in one direction will activate an attachment one way. * (Example: open grapple teeth). Moving the lever in the other direction reverses the action of the attachment. By moving lever firmly to the right puts the auxiliary valve in "detent", holding valve in engaged position for use of attachments which require continuous hydraulic flow.

NOTE: Be sure lockbolt for shipping has been removed before using Auxiliary Control (See Page 21).

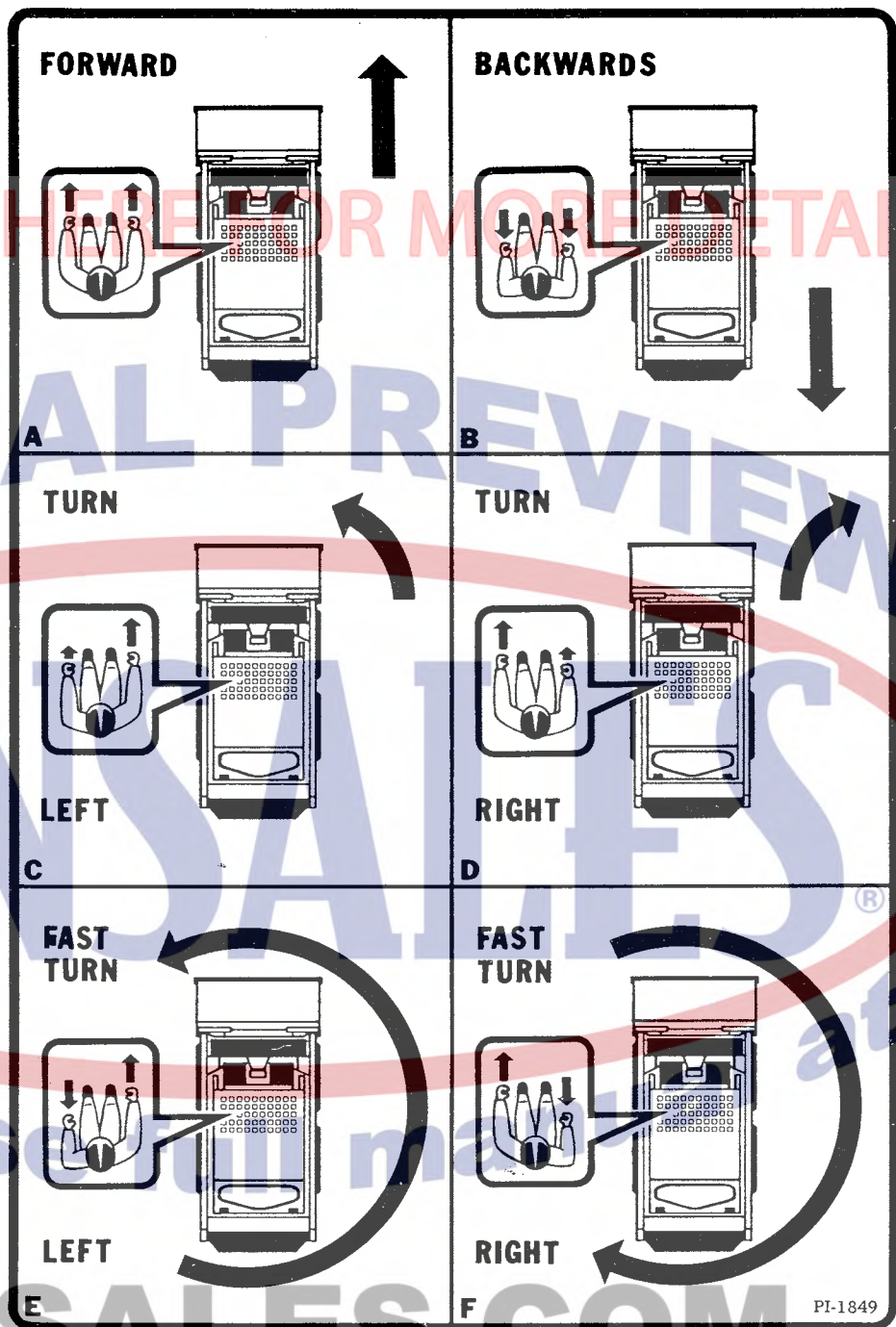


Fig. 8 Operator's Steering Procedures

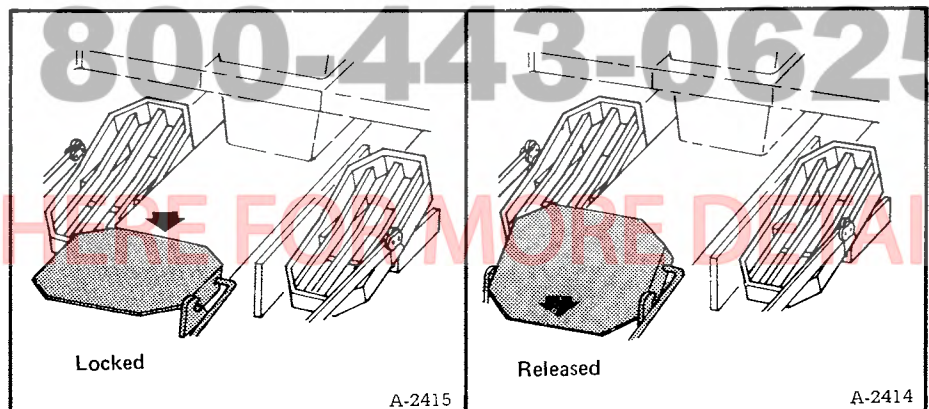


Fig. 9 Parking Brake Operation