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MANUAL PREVIEW

Bobcat
Operator's Manual

721 Skid Steer

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Operator's Manual

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BOBCAT LOADER

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**CLARK Melroe
Division**

CLARK EQUIPMENT CO.
Gwinner, North Dakota 58040

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FOREWORD

This book is written to give the owner/operator necessary operating, routine servicing and preventive maintenance instructions for the Model 721 Bobcat.

Read this manual thoroughly and become completely familiar with the operation of 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.

ADDITIONAL 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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INSTRUCTIONS

PREVENTIVE
MAINTENANCE

TROUBLE-
SHOOTING

MAJOR
PARTS

GENERAL
INFORMATION

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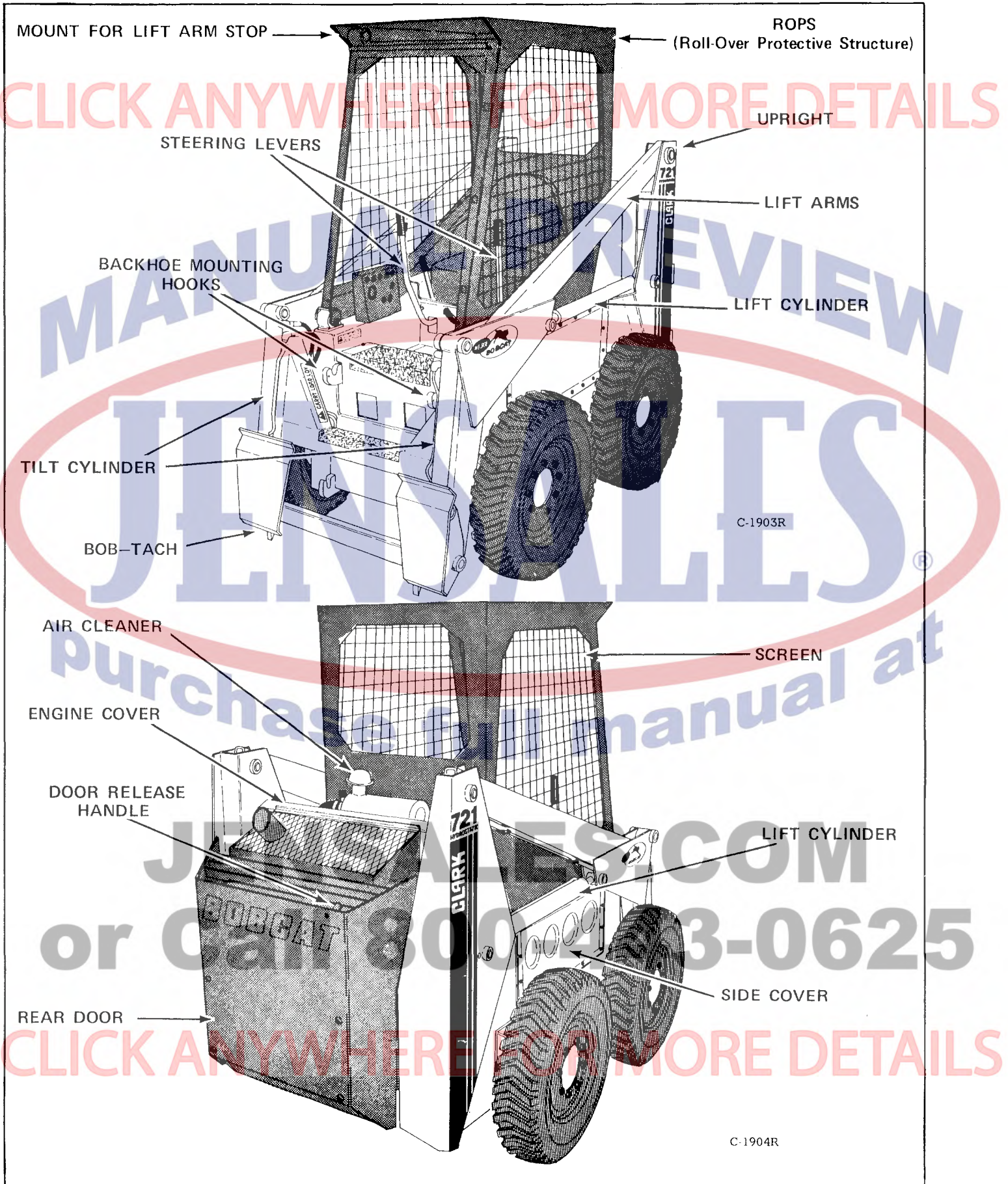
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721 BOBCAT LOADER

PICTORIAL NOMENCLATURE



OPERATING INSTRUCTIONS

OPERATING
INSTRUCTIONS

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The machine is steered by moving one of the levers further ahead than the other (Fig. 7). Moving the left lever further ahead than the right will cause the machine to turn to the right (D). Moving the right lever further ahead than the left will cause the machine to turn to the left (C).

By crossing the levers (one forward and one back) the machine will turn in its own track (E & F). This also applies to reverse travel.

The left hand steering lever can be used to maintain control of both steering levers. When traveling in forward or reverse, by pulling inward on the left hand lever, the right hand lever can be released. The right hand lever will be connected to the left, permitting free use of right hand to operate engine throttle and switches.

The steering levers should be engaged slowly since only a slight amount of lever movement is needed to move the machine. For maximum wheel power use less lever movement. To increase travel speed, use more lever movement.

LIFT, TILT AND AUXILIARY CONTROLS

The foot pedals (Fig. 8) control the functions of the Bobcat hydraulic system.

1. **Lift Arm Control** The left pedal controls the lift arms. Press the heel of the pedal to raise the lift arms. Press the toe of the pedal to lower them. Pressing hard on the toe of the pedal places the lift arms in "Float" position, letting it follow rough ground in leveling operation.
2. **Tilt Control** The right pedal is the bucket (Tilt) control. Press the heel of the pedal to tilt the bucket back. Press the toe of the pedal to tilt the bucket down.
3. **Auxiliary Control** The middle pedal is the auxiliary equipment control (backhoe, grapple, etc.). Pressing on the heel or toe of the pedal activates the attachment. Pressing hard on the toe of pedal will place it in "Lock" position for use of backhoe, etc.

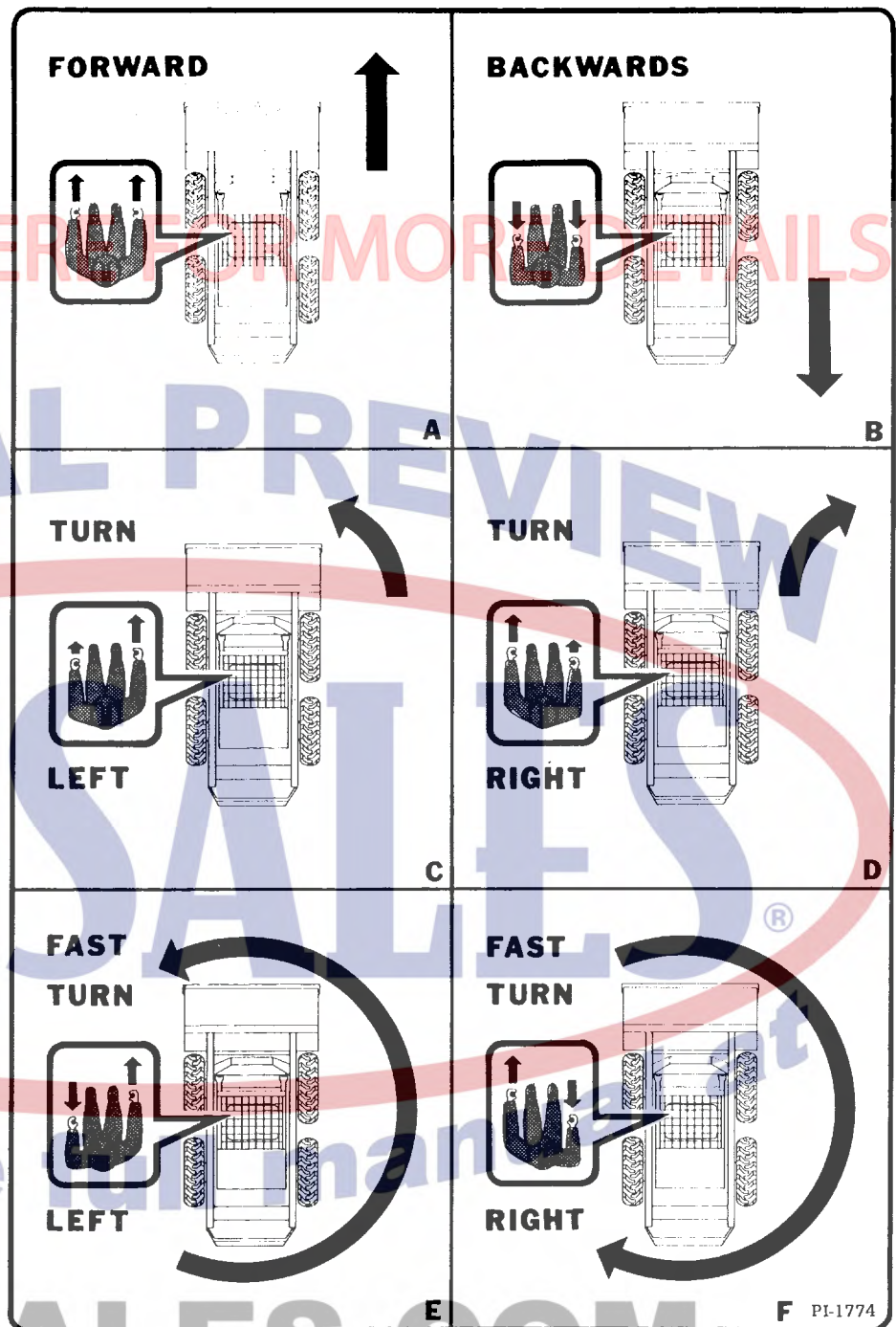


Fig. 7 Steering the Bobcat Loader

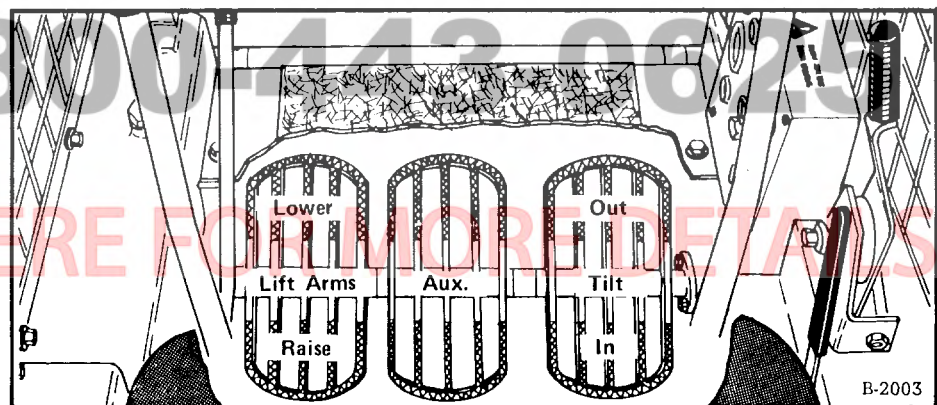


Fig. 8 Lift, Tilt and Auxiliary Controls

FILLING BUCKET FROM A PILE (Fig. 13)

1. With the lift arms in down position, press toe of tilt pedal to place the lip (cutting edge) of the bucket on the ground (A).
2. Drive forward into the pile and press heel of tilt pedal to raise the bucket lip as it fills (B).
3. Tilt the bucket back as far as it will go and back away.

OPERATION HINTS

1. Take full advantage of the Bobcat maneuverability. Keep the hauling distance as short as possible. Keep the working area small to keep cycle short (Fig. 14).
2. Keep the working area as level as possible.
3. The loader will handle better with a rated full load than with a partial load.
4. Cycle time can be reduced by using a "pivot" spin rather than a "stop and go" turn.
5. Level the bucket while raising the load to keep material from spilling over the back of the bucket.



Always carry the bucket low while driving.

DIGGING WITH THE BUCKET

Digging into hard ground: (Fig. 13)

1. Press toe of tilt control pedal to tilt the bucket down until it contacts the ground (D).
2. Drive forward to penetrate the ground, lower the lift arms while driving forward (D).
3. Raise the bucket (tilt) slightly to increase traction and to keep a uniform depth (E).

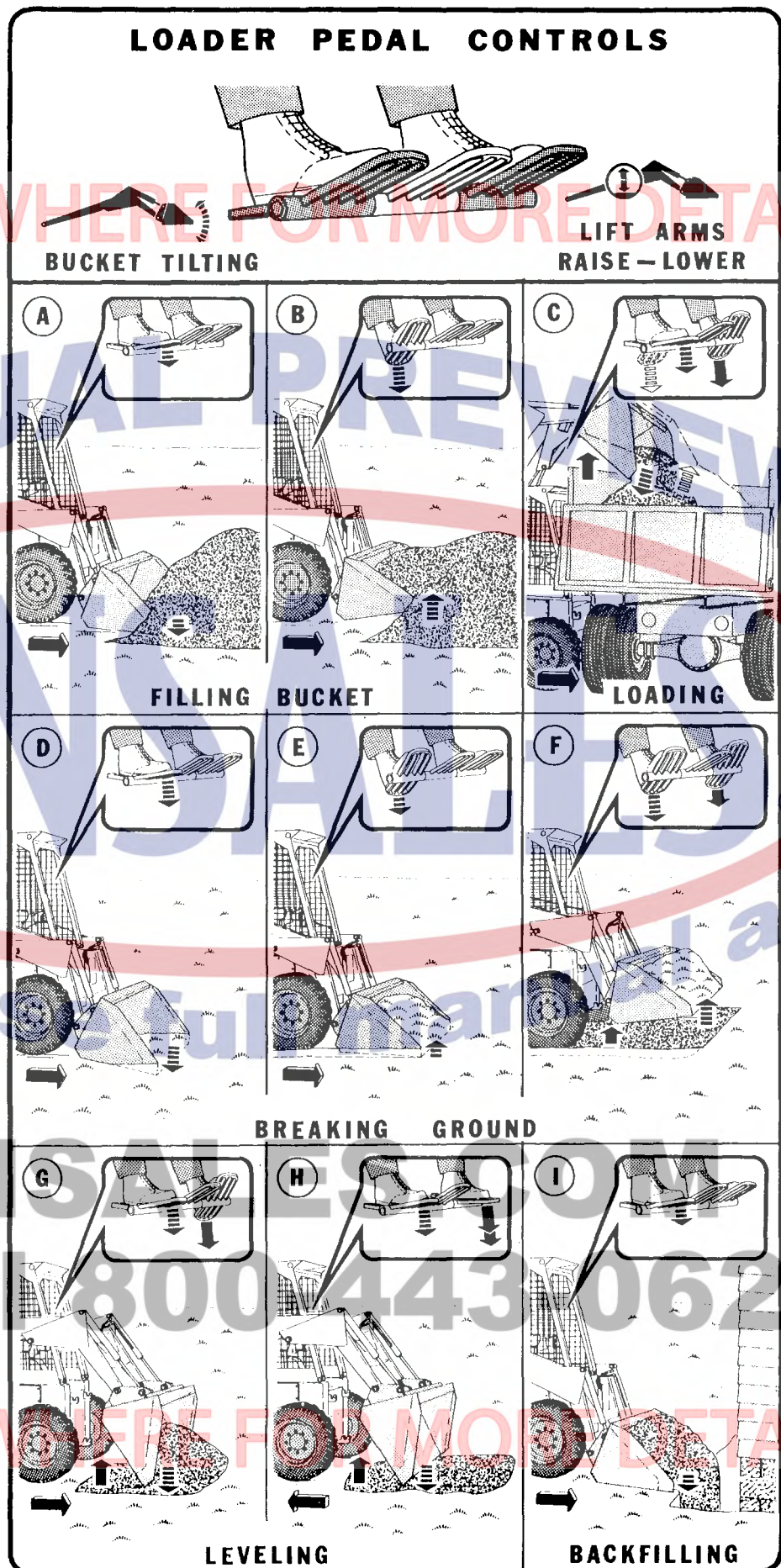


Fig. 13 Operating the Bucket on the Loader