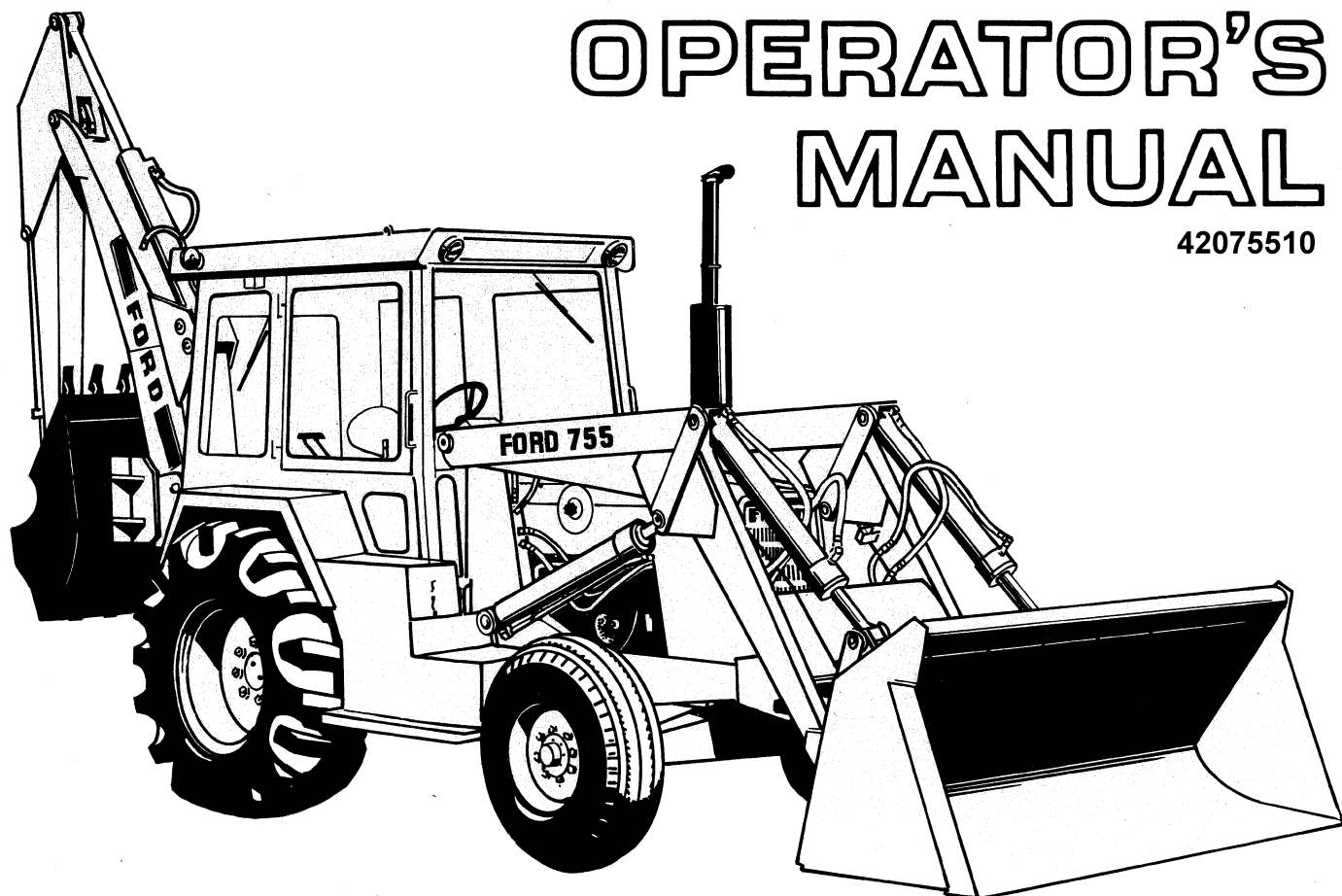


FORD

OPERATOR'S MANUAL

42075510



755

TRACTOR-LOADER-BACKHOE

Reprint



FORD

**755
TLB**

Operator's Manual
SUPPLEMENT



FOREWORD

This supplement pertains to the Ford 755 Tractor-Loader-Backhoe equipped with Ford factory installed Two-Lever Backhoe Control System. Use this supplement with Ford Tractor Operator's Manual, SE 3795.

Read this supplement and the Operator's Manual carefully before operating the tractor. Keep both manuals in a convenient location for future reference. If you have a service problem with your tractor, your Ford Tractor-Equipment dealer has factory trained personnel, genuine Ford parts, and the tools and equipment to best perform your service needs.

2-LEVER BACKHOE CONTROLS

The 755 TLB 2-Lever Backhoe Control System is covered in this supplement. Refer to Ford 755 Operator's Manual, SE 3795, for information about controls and instruments common to tractors with and without cabs.

Before operating your new tractor, familiarize yourself with the location and function of all the controls and instruments.



KNOW YOUR CONTROLS AND INSTRUMENTS

TO ASSURE SAFE OPERATION

GENERAL INFORMATION

The 755 TLB can now be ordered equipped with factory installed four-lever or new two-lever backhoe controls.

The four-lever control system is explained on pages 16 and 17 of the 755 Operator's Manual, SE 3795

This supplement to the 755 TLB Operator's Manual will cover the new two-lever backhoe controls.

New Two-Lever Backhoe Controls

The backhoe is controlled by the use of four levers show in Figure 1. They are:

- Lift and Swing Cylinders
- Crowd and Bucket Cylinders
- Right Stabilizer Cylinder
- Left Stabilizer Cylinder



CAUTION: *Do not start the tractor unless seated in the operator's seat.*

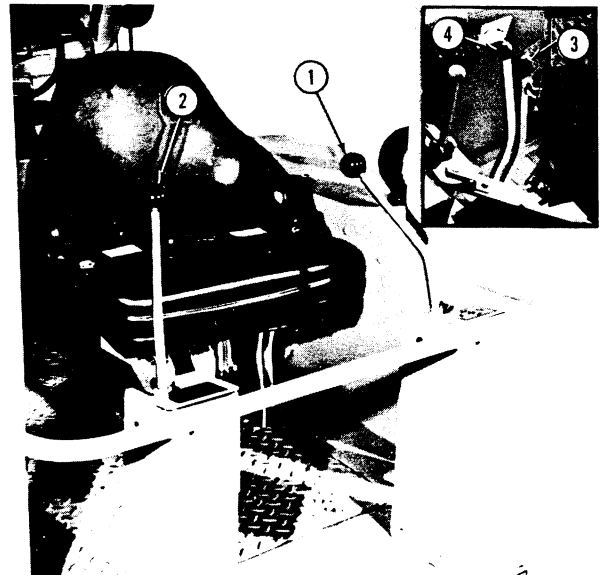


Figure 1
Backhoe Control Levers

1. Lift and Swing Lever
2. Crowd and Bucket Lever
3. Left Hand Stabilizer Lever
4. Right Hand Stabilizer Lever

2-LEVER BACKHOE CONTROLS

The easiest way to remember the various lever positions is to relate bucket and stabilizer movement to yourself on the backhoe seat. Therefore, all references to left- and right-hand situations will be made as seen from the backhoe seat. However, when ordering parts all references to left- and right-hand parts are established as seen from the tractor seat.

Two-Lever Controls

IMPORTANT: Both control towers are equipped with operation decals that call out the action of backhoe components when the levers are pushed or pulled or moved from side to side.

The backhoe digging function is controlled by the use of two levers as shown in Figure 1. They are boom and swing lever (1), and crowd and bucket lever (2).

The stabilizers are controlled by the use of two levers as shown in insert, Figure 1. Left stabilizer (3), and right stabilizer (4).

The farther the levers are moved from neutral the faster the components will move. For precise control, both of the levers can be "feathered" (moved slightly) to show element movement.

On two-lever control systems, the operator must remember that one lever controls two element movements. For example, the left lever controls the lift and swing cylinders. Therefore, when the lever is pulled straight back the boom raises. When the boom is high enough to clear the trench, the same lever is moved sideways right or left to swing the load to one side or the other. This same lever can be moved to lift and swing at the same time by simply moving the lever back and then moving it slightly to the side. This action would cause the boom to lift and swing at the same time. The control lever would be in (approximately) a 45° position from center.



WARNING: Operate backhoe from seat position only. Any other method could result in serious injury.

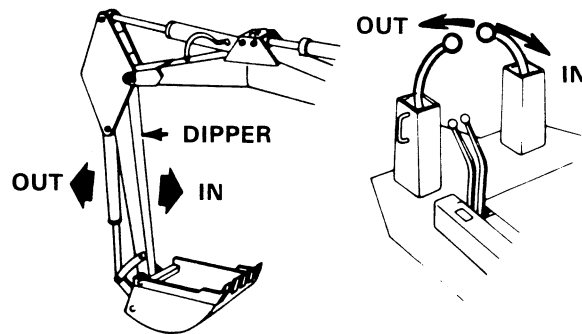
If the backhoe transport chains, are installed, move the lift lever rearward and disconnect the chains from the boom and the stabilizers.



CAUTION: Never operate any of the backhoe control levers when the transport chains are installed (except as outlined above to disconnect), as this can break the chains and possibly cause injury.

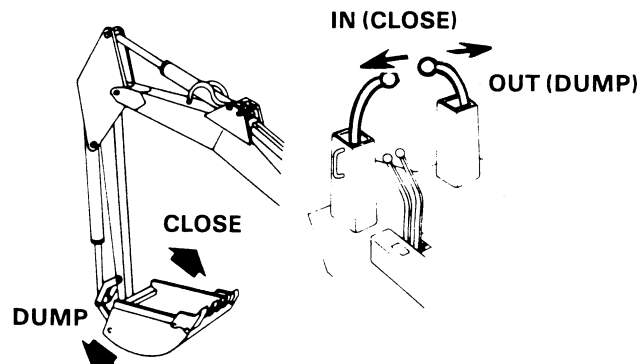
The following illustrates component movement vs. lever movement.

CROWD LEVER (DIPSTICK)



Pushing the crowd lever (dipper) forward will move the dipper and bucket "OUT" or away from the operator. Pulling the crowd lever (dipstick) rearward will move the dipstick and bucket "IN" or toward the operator.

ACTUATING LEVER (BUCKET)



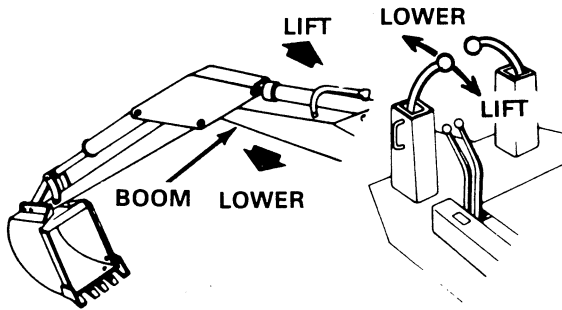
Pushing the bucket lever to the left will "curl" the bucket to help fill and hold the load. Pushing the lever to the right will "dump" or empty the bucket.

2-LEVER BACKHOE CONTROLS

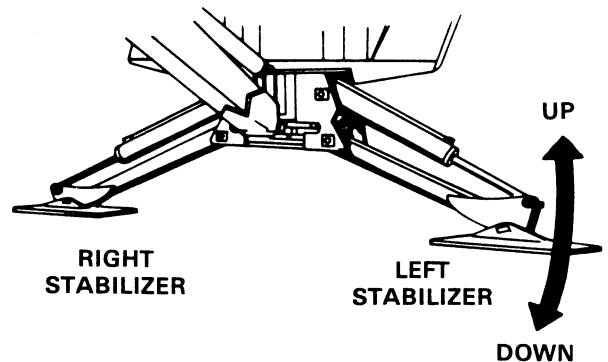
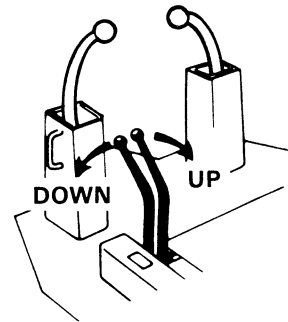
BACKHOE CONTROLS

STABILIZER LEVERS

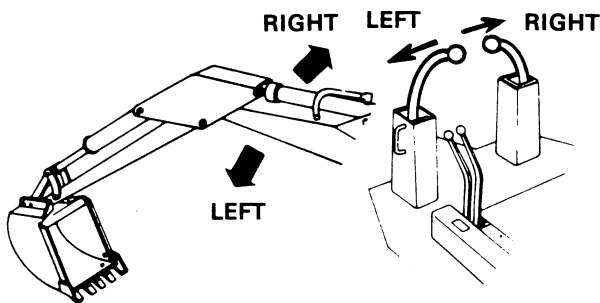
LIFT LEVER



Pushing the lift lever forward will "LOWER" the boom, dipstick, and bucket. Pulling the lift lever rearward will "LIFT" the boom, dipstick, and bucket.



SWING LEVER



Pushing the swing lever to the left will swing the boom, dipstick and bucket to the "left". Pushing the swing lever to the right will swing the boom, dipstick and bucket to the "right".

Moving the stabilizer lever(s) forward will move the stabilizer(s) "DOWN". Moving the stabilizer lever(s) rearward will move the stabilizer(s) "UP".

IMPORTANT: *It may be necessary while digging to reset the stabilizer(s) downward to maintain proper and safe digging stability. For complete details refer to the 755 TLB Operator's Manual, SE 3795, Backhoe Operation, starting on Page 33.*

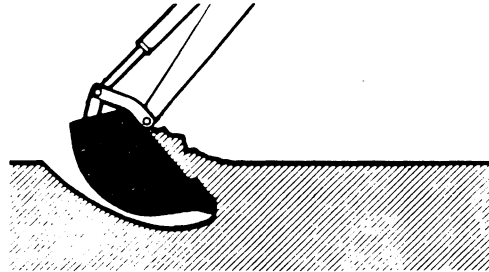
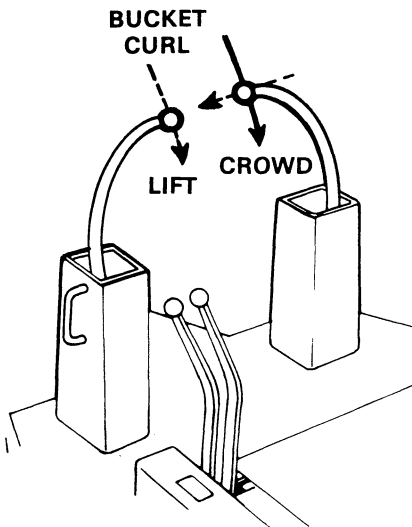


CAUTION: *Never attempt to drive the Ford 755 with the seat positioned for backhoe operation.*

2-LEVER BACKHOE CONTROLS

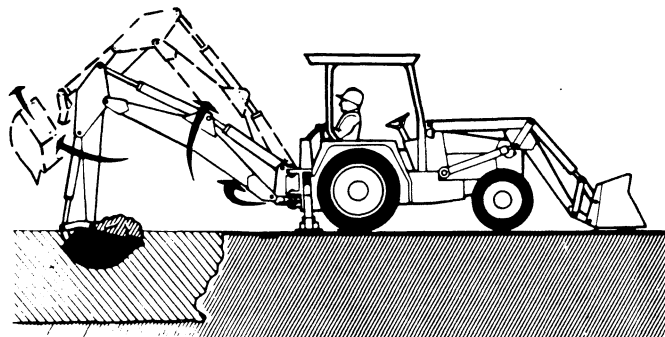
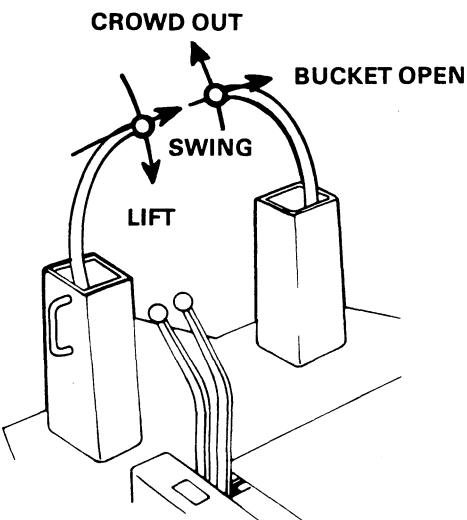
OPERATION

FILLING THE BUCKET



Operate two actions like crowd and lift or crowd and bucket at the same time throughout the bucket filling cycle. Adjust the bucket attitude (teeth) throughout the digging cycle for smooth action and maximum performance.

DUMPING THE BUCKET

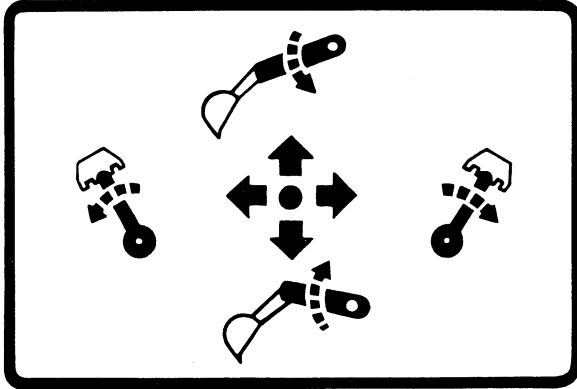


To dump the bucket at the end of the digging cycle, lift the bucket clear of the trench while crowding it out and swinging it to the spoil pile. As the pile is approached, roll the bucket back or open. When the bucket is empty, the dipstick and bucket are in position to resume digging upon return to the trench, see 755 Operator's Manual, SE 3795, pages 27 through 44 for complete backhoe operation.

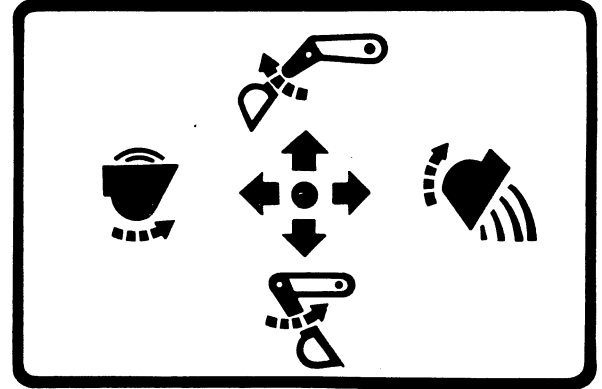
2-LEVER BACKHOE CONTROL

OPERATING DECALS

LIFT-SWING



CROWD-BUCKET



CONTROL TOWERS

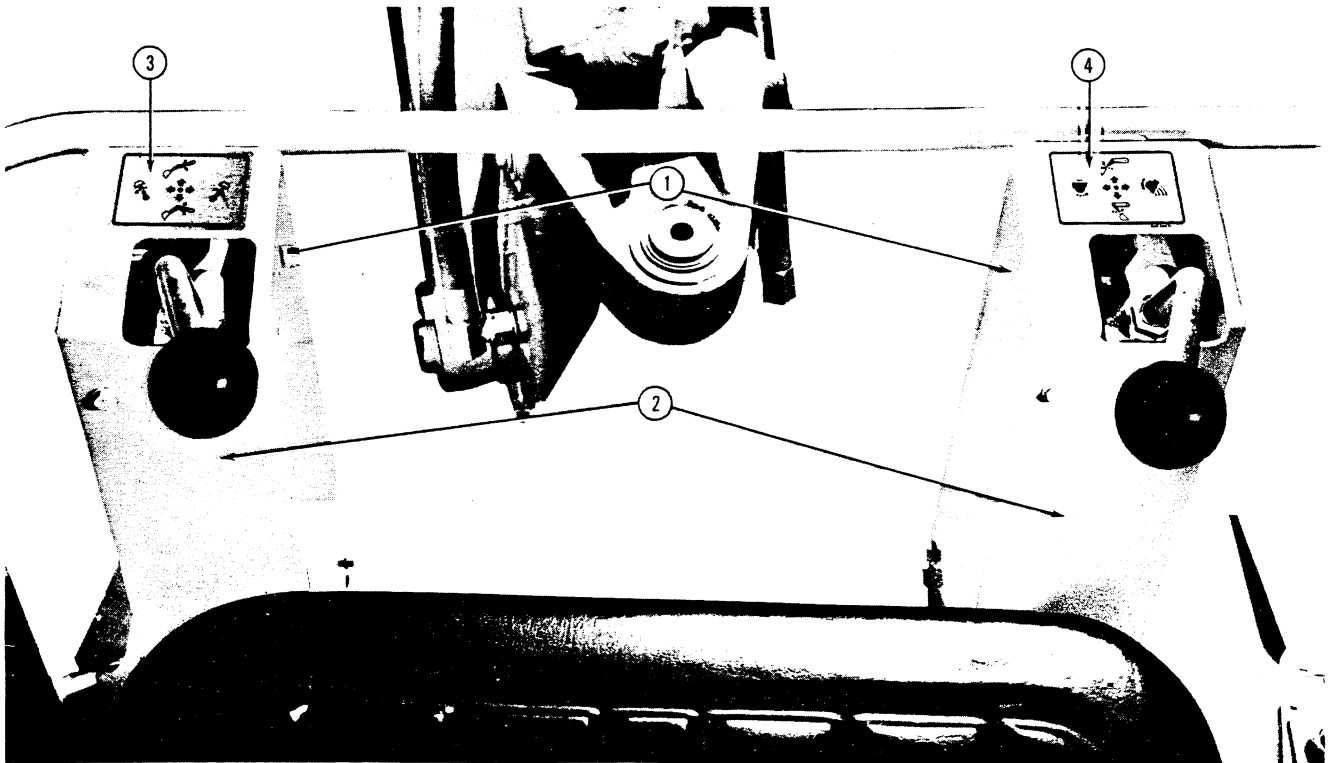


Figure 2
Control Towers

- | | |
|-------------------------|-----------------------|
| 1. Control Towers | 3. Lift-Swing Decal |
| 2. Control Tower Covers | 4. Crowd-Bucket Decal |

IMPORTANT: *The control tower covers are interchangeable, therefore it is important that the right cover be reinstalled (if both are removed at the same time) on the correct control tower.*



A careful operator is the best
insurance against accidents.



"Ford Motor Company, whose policy is one of continuous improvement, reserves the right to make changes in design and specifications at any time without notice and without obligation to modify units previously built."

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