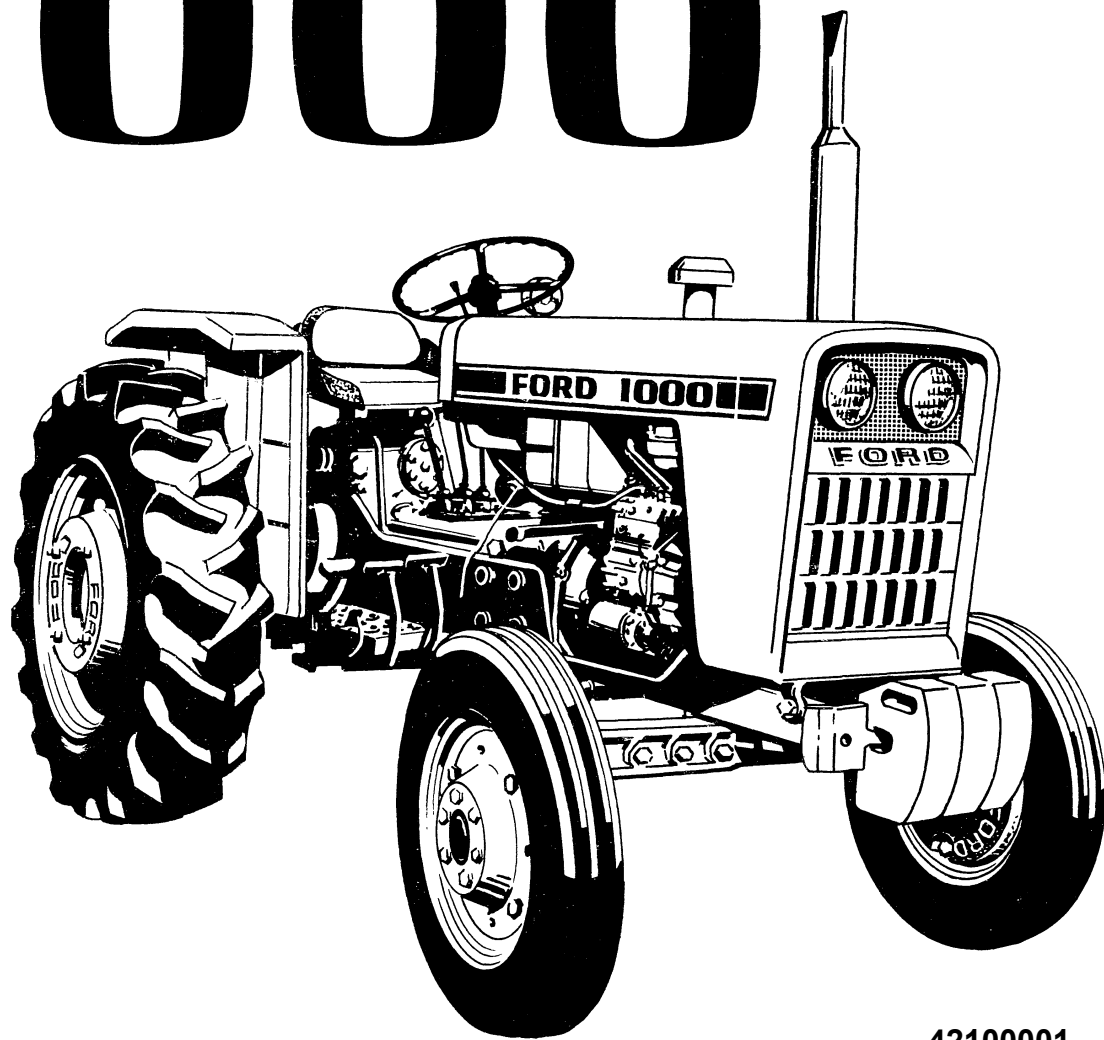


# FORD

# 1000



42100001

## OPERATOR'S MANUAL

Reprinted

# foreword

This manual has been prepared to assist you in the proper break-in, daily care, and operation of your new Ford 1000 Tractor. It contains specific information on the many built-in features of the tractor, safety precautions and instructions for making minor adjustments.

Your tractor has been carefully inspected before leaving the factory and also by your Ford Tractor-Equipment Dealer, prior to delivery, to see that it is "ready to go." To keep it in this "ready to go" condition, it is important to follow regularly scheduled service periods as recommended in this manual.

Read this manual carefully before operating your tractor, and keep it in a convenient location for later reference. If, at any time, you have a service problem concerning your new tractor, remember that your Ford Tractor-Equipment Dealer has factory-trained service personnel, Genuine Ford Parts, and the necessary tools and equipment to best satisfy your service needs.

**FORD TRACTOR OPERATIONS**

**FORD MOTOR COMPANY**

**ISSUED TO:**

**ISSUED BY:**

\_\_\_\_\_  
Owner's Name

\_\_\_\_\_  
Ford Tractor-Equipment Dealer

\_\_\_\_\_  
Mailing Address

\_\_\_\_\_  
City

\_\_\_\_\_  
City

\_\_\_\_\_  
State

\_\_\_\_\_  
State

\_\_\_\_\_  
Delivery Date

**PLEASE READ CAREFULLY:**

The WARRANTY on page 2 explains the coverage which is extended to your tractor during the warranty period. After you read the warranty ask your dealer to explain any points that you may not understand.

For a complete list of the pre-delivery service checks performed by your dealer, refer to PRE-DELIVERY SERVICE on the upper portion of pages 37 and 39. The copy on page 37 is your record of the service performed, and the copy on page 39, which is to be removed from the manual, is your dealer's record. MAKE SURE THAT YOU AND THE DEALER SIGN BOTH COPIES.

After you have operated your tractor for fifty hours, take this manual and your tractor to your dealer. He will then perform the factory recommended 50-HOUR SERVICE as listed on the lower portions of pages 37 and 39 – without charge – except for lubricant, hydraulic oil, or filters replaced as part of normal maintenance. MAKE SURE THAT YOU AND THE DEALER SIGN BOTH COPIES.

A VEHICLE IDENTIFICATION PLATE is located on the left-hand side of the clutch housing. The numbers on the plate are important should your tractor require future service. For your convenience, have your dealer record the numbers in the appropriate spaces below.

The image shows a rectangular identification plate with a black background and white text. At the top center is the Ford logo. Below it, the text "TRACTOR NUMBER" is followed by a white rectangular box. Underneath, "MODEL" and "UNIT" are written above two separate white boxes. In the center, "ENGINE" is written above a white box. Below that, "TRANSMISSION" and "REAR AXLE" are written above two separate white boxes. At the bottom, "HYDRAULIC PUMP" and "HYDRAULIC LIFT" are written above two separate white boxes.



# Warranty and Limitation of Liability Ford Tractors and Equipment

## COVERAGE PROVIDED

Ford Motor Company and the Selling Dealer jointly warrant to the original purchaser with respect to each Ford Tractor, Ford Implement or piece of Ford Equipment that for the periods specified herein, the Selling Dealer will repair or replace any part that is found to be defective in factory materials or workmanship.

Tractors designated for agricultural use .....	12 Months
Self-propelled combines and attachments .....	12 Months
Garden tractors, rider mowers and related attachments .....	12 Months
Except commercial usage in which case coverage is .....	90 Days
Tractors and related equipment designated for industrial usage .....	6 Months
Agricultural implements except self-propelled combines and attachments .....	6 Months

- The warranty period will begin on the date of original retail delivery or date of original use, whichever is earlier.
- The obligation of Ford and the Selling Dealer under this warranty is limited to repairs or replacements which will be made free of charge for both parts and labor using Ford service parts.
- The repairs or replacements will be performed by the Selling Dealer following delivery of the unit by the customer to the dealer's place of business in the United States.
- If the owner is traveling or has moved a long distance from the Selling Dealer, any authorized Ford Tractor and Equipment Dealer will perform the repairs.
- The Selling Dealer shall review these warranty provisions with his customer, secure his customer's acknowledgement of delivery of this warranty and record the date of original retail delivery.

## WHAT IS NOT COVERED BY THE WARRANTY

1. This warranty shall NOT apply to any Ford Tractor, Ford Implement or Ford Equipment:
  - (i) With respect to vendor warranted items such as tires and tubes and attachments, or to batteries which are covered by the Ford Parts and Accessories Warranty.
  - (ii) With respect to vendor warranted items on the Series 340 Compact Loader which includes engine, battery, tires and tubes and attachments.
  - (iii) If it has been subject to misapplication, abuse, misuse, negligence, or fire or other accident, or
  - (iv) If parts not made or supplied by Ford have been used in connection with it if, in the sole judgment of Ford, such use affects its performance, stability or reliability, or
  - (v) If it has been altered or repaired outside of a Ford location in a manner which, in the sole judgment of Ford, affects its performance, stability or reliability.
2. This warranty shall NOT apply to normal maintenance services (such as tune-ups, fuel system cleaning and wheel, brake and clutch adjustments) or to normal replacement of service items (such as filters and brake or clutch linings) or to normal deterioration due to use and exposure (such as belts and exterior finish).
3. This warranty shall NOT apply to any Ford unit which is distributed by anyone other than Ford Tractor and Equipment Operations - North America through its dealers in the United States. This warranty shall NOT apply to any Ford unit which is normally operated outside of the United States.

## DISCLAIMER OF IMPLIED WARRANTIES

Except for personal injuries proven to have been caused by a defect, **THIS WARRANTY, to the extent allowed by law, IS EXPRESSLY IN LIEU OF any other express or implied warranty, condition or guarantee agreement or representation by any person with respect to any Ford Tractor, Ford Implement or Ford Equipment or any part thereof, including ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS.**

- Ford Motor Company and its authorized dealers will not assume any responsibility under this warranty for any loss of use of the unit, loss of time, inconvenience, commercial loss or consequential damages.
- No person is authorized to make any representations beyond those expressed herein.

## RIGHT TO MAKE DESIGN CHANGES

Ford Motor Company reserves the right to make changes in the design of and other changes in its products at any time and from time to time without notice and without incurring any obligation with respect to any product previously ordered from it or sold or shipped by it.

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# safety precautions

The following precautions are suggested to help prevent accidents.

1. Read this manual carefully to acquaint yourself with the tractor. Working with unfamiliar equipment can lead to accidents.
2. Use the handholds and step plates when getting on and off the tractor.
3. Familiarize yourself with all controls before attempting to operate the tractor.
4. Never start the engine while standing beside the tractor. Always sit in the tractor seat while starting the engine.
5. Do not bypass the safety starter switch. Consult your Ford Tractor-Equipment Dealer if your safety starter controls are malfunctioning.
6. Always wear the seat belt when the roll bar is installed. Never wear the seat belt if the roll bar is removed from the tractor.
7. Do not permit anyone to ride on the tractor with the operator.
8. Never engage the parking brake lever when the tractor is moving.
9. Use care when operating on steep grades to maintain proper stability.
10. Keep the tractor in gear when going downhill.
11. Always keep the tractor brakes in good operating condition.
12. Never run the tractor engine in a closed building without adequate ventilation, as the exhaust fumes are very dangerous.
13. Always drive the tractor at speeds compatible with safety, especially when operating over rough ground, crossing ditches, slopes, or when turning.
14. Always use the drawbar for pull-type work. Never pull from the upper link or rear axle as the tractor can tip backward.
15. If your tractor is equipped with top link mechanical draft control, always install the lock pin in the upper link bracket before transporting mounted equipment.
16. If the tractor is stuck, back out to prevent an upset. If logs are used, always put them behind the rear wheels and back out.
17. If the front end tends to rise, install front end or front wheel weights. Do not continue to operate with a "light" front end.
18. Use the flasher warning lamp when traveling on public roads, day or night, unless prohibited by law in your state.
19. When operating P.T.O.-driven equipment, always shut off the engine and wait for the P.T.O. to stop turning before getting off the tractor and before disconnecting the equipment.
20. Never wear loose clothing when operating the power take-off, or around equipment that is rotating.
21. When operating stationary P.T.O. equipment, always apply the parking brake and block the rear wheels both in front and back.
22. Never clean or adjust P.T.O.-driven equipment with the tractor engine running.
23. Make sure the P.T.O. shield is installed when using P.T.O.-driven equipment, and always replace the P.T.O. shaft cap when the P.T.O. is not being used.
24. Always bring the tractor to a complete stop, shut off the engine, and apply the parking brake before getting off the tractor.
25. The operator should never get off the tractor while it is in motion.
26. Never park the tractor on a steep incline.
27. Never leave equipment in the raised position.
28. Never allow an open flame near the fuel tank or battery.

Whenever you see this symbol



it means:

**ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!**

# CONTROLS AND INSTRUMENTS

## SEAT, LIGHT, AND ENGINE CONTROLS

### TRACTOR SEAT

Your new Ford 1000 Tractor is equipped with a pan seat which has a seat and back cushion as shown in Figure 1. The seat is adjustable to obtain the most comfortable position. It can be moved closer to or farther from the steering wheel by removing the attaching bolts, and repositioning the seat as desired.

### SAFETY ROLL BAR AND SEAT BELT (OPTIONAL)

If your tractor is equipped with a safety roll bar and seat belt, remember that the safety offered is minimized if your seat belt is not buckled. Always use your seat belt — they save lives. DO NOT use the seat belt if the roll bar is removed from the tractor.



**CAUTION:** Never attach chains, ropes, or cables to the roll bar for pulling purposes; this is very dangerous, as the tractor will tip backward. Always pull from the tractor drawbar.

Be careful when driving through door openings or under low overhead objects. Make sure there is sufficient clearance for the roll bar to clear the structure or object.

### ADJUSTING THE SEAT BELT

To lengthen the belt, tip the buckle end down and pull on the buckle until the ends can be joined.

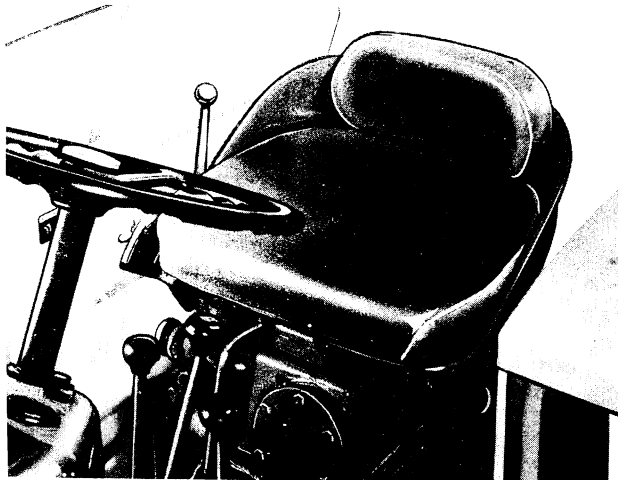


Figure 1  
Tractor Seat

To shorten the belt, buckle it, then pull on the loose end until the belt is snug.

If the seat belt is to be cleaned, use soap and water. Do not use carbon tetrachloride, naphtha, etc., as these will weaken the webbing. Also, for the same reason, do not bleach or redye the webbing.

### FLASHER WARNING LAMP (OPTIONAL)

If your new Ford tractor is equipped with a flasher warning lamp, Figure 2, the spring-loaded push-type switch on the lamp housing is used to turn the flasher on or off.

The light switch must be in its intermediate or full out position before the flasher will operate.

For your protection, use the flasher warning lamp when traveling on public roads, day or night, unless prohibited by law in your state.

### LIGHT SWITCH

The light switch, shown in Figure 3, is a push-pull type switch. Its positions are:

Full in . . . . . Off

Intermediate . . . . Headlights (Low Beam), Instruments, and Tail Lamp

Full out . . . . . Headlights (High Beam), Instruments, and Tail Lamp

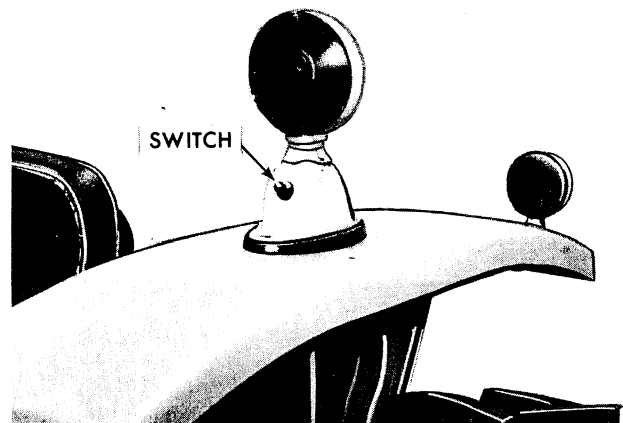


Figure 2  
Flasher Warning Lamp

# CONTROLS AND INSTRUMENTS

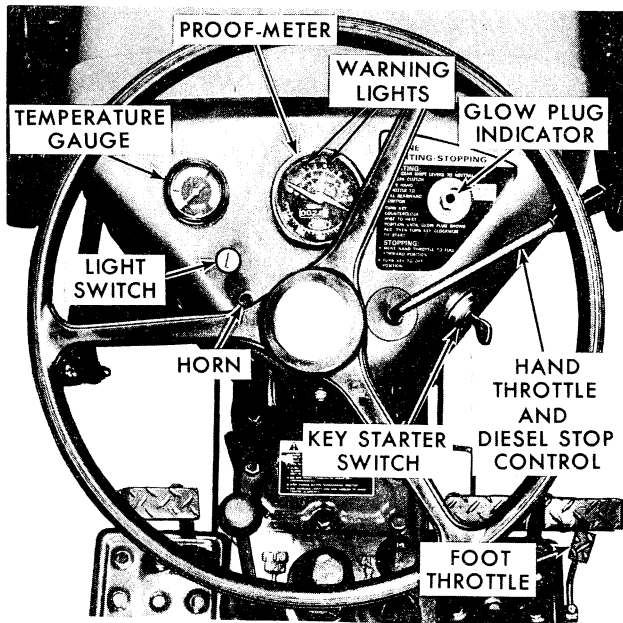


Figure 3  
Engine Controls

## KEY STARTER SWITCH

The key starter switch is shown in Figure 3. Turning the key to the left will activate the glow plug. Turning the key to the right to the "on" position will activate the warning lights and instruments. Turning the key further right to the "start" position will start the engine. Upon release, the key will spring return to the "on" position.

The starting circuit can only be activated when the clutch is disengaged. Always check to make certain the transmission gear shift lever is in neutral before attempting to start the engine. Refer to page 9 for complete starting instructions.

## HAND THROTTLE AND ENGINE STOP CONTROL

The hand throttle is shown in Figure 3. Pull the throttle rearward to increase engine rpm. Push the throttle forward to decrease engine rpm. Push the throttle full forward to stop the engine.

## FOOT THROTTLE

The foot throttle, shown in Figure 3, can be used separately, or in conjunction with the hand throttle. With the hand throttle control lever set at a selected engine rpm, the foot throttle can be used to increase engine rpm to its maximum speed. Upon release of the foot throttle, the engine speed will return to idle or to the rpm at which the hand throttle has been set to maintain.

## FUEL GAUGE

The fuel gauge is shown in Figure 4. The amount of fuel in the gauge indicates the amount of fuel in the tank. If the fuel level is at the lowest point in the gauge approximately 1 gallon (3.8 Liters) remains in the tank.

## TEMPERATURE GAUGE

The engine coolant temperature gauge is shown in Figure 3. When the needle is in the green zone, the engine is at its normal operating temperature. The red zone indicates a overheated engine and blue zone a cold engine.

## WARNING LIGHTS

The engine oil pressure and charge indicator warning lights are located at the top of the proof-meter as shown in Figure 3. When the key starter switch is turned "on" these lights will come on. After the engine has been started, the lights should go out within a few seconds. If they do not go out:

- Engine oil pressure warning light: Stop the engine immediately and investigate the cause. It is important to remember that this light indicates oil pressure only. The operator must regularly check the crankcase for proper oil level.

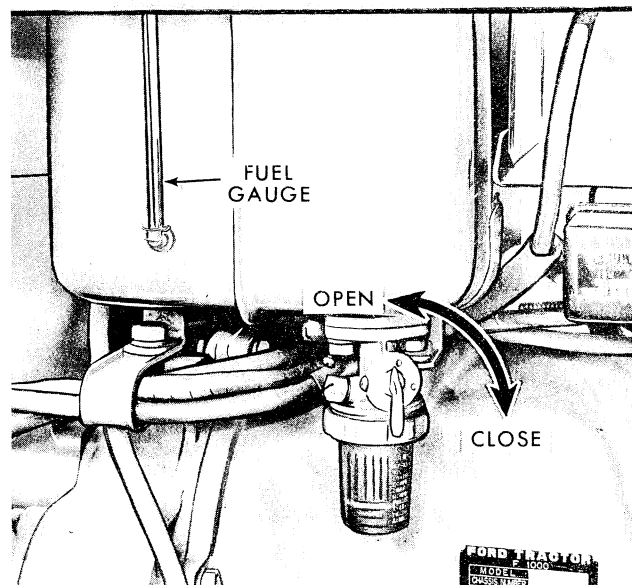


Figure 4  
Fuel Gauge and Shut Off



- Charge indicator warning light: This is an indication that the battery is not being charged. Investigate the cause as soon as possible, otherwise the battery will become fully discharged.

## PROOF-METER

The proof-meter is the large instrument in the center of the instrument cluster Figure 3. The proof-meter indicates:

- The hours and portions of hours your tractor has operated, based on an average engine speed of 2000 rpm. Engine speeds below 2000 rpm accumulate engine hours at a slower rate than clock hours. Engine speeds above 2000 rpm accumulate engine hours faster than clock hours. Use the proof-meter as a guide to determine hourly service and maintenance intervals.
- The engine revolutions per minute. Use the scale on the lower half of the proof-meter when operating P.T.O. driven equipment. P.T.O. driven equipment must be operated at an engine speed not to exceed 1955 rpm as shown by the yellow line on the rpm scale. Additional information on P.T.O. operation may be found on page 11.
- Ground speeds: The scales on the upper half of the proof-meter indicate ground speeds in miles per hour for 3rd, 6th, and 9th gears. Additional ground speed information may be found on page 35.

## FUEL SHUT-OFF VALVE

The fuel shut-off valve, shown in Figure 4, is located on the left side of the tractor under the fuel tank. Turning the valve clockwise will stop the flow of fuel from the tank.

## BRAKE AND REAR AXLE CONTROLS

### BRAKE PEDALS

The brake pedals are shown in Figure 5. The right brake pedal is used to brake the right rear wheel. The left pedal is used to brake the left rear wheel. Depress both pedals simultaneously to stop the tractor.

To assist in making sharp turns at slow speeds, depress the right or left brake pedals as required.



**CAUTION:** When operating the tractor at high speeds, never attempt to make sharp turns by using the brakes.

### BRAKE PEDAL LOCK

The brake pedal lock, shown in Figure 5, is used to secure the brake pedals together. Lock the pedals together whenever the tractor is operated at high speeds and at any time the tractor is used on the highway.

### PARKING BRAKE LEVER

The parking brake lever shown in Figure 5, is used for locking the brake pedals in the applied position. The parking brake should be applied whenever the tractor is parked.

To apply the brake:

- Lock the brake pedals together with the brake pedal lock.
- Depress both brake pedals.
- Pull back on the parking brake lever. The teeth on the lever will engage the pawl on the left-hand brake pedal and will retain the pedals in the applied position.

To release the parking brake:

- Depress the brake pedals to release the pawl.
- Unlock the brake pedals if operating conditions require independent rear wheel braking action.

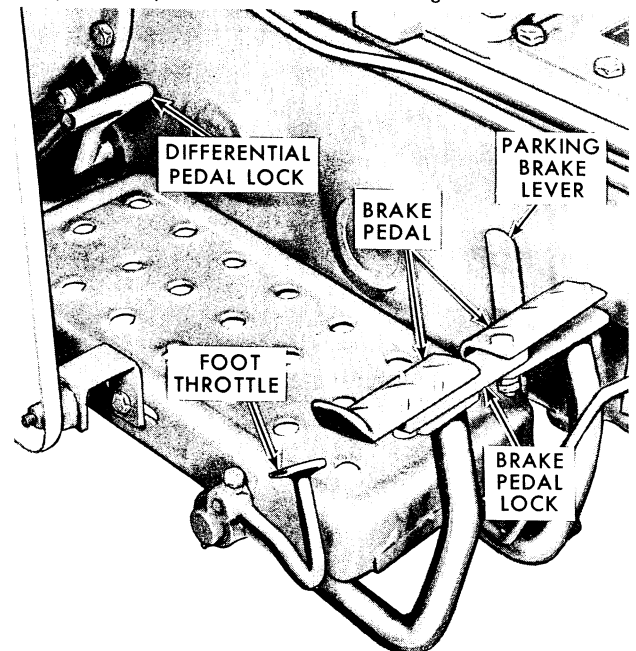


Figure 5  
Brake and Rear Axle Controls

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