



**445A and 545A
INDUSTRIAL TRACTORS
745 LOADERS**



42044530

OPERATOR'S MANUAL



S-20094



S-21017

IMPORTANT

BRAKE ADJUSTMENT INFORMATION

PLEASE INSERT THIS PAGE IN YOUR OPERATOR'S MANUAL

This Ford 545A Tractor when factory equipped with the Series 745 4,500 lb., 19-858 Loader utilizes new and improved heavy duty brakes. It is important that the foot pedal free travel is set to the following procedure rather than the old adjustment of 1-1/2 inches.

Raise rear wheels off the ground, place transmission in neutral with handbrake and brake pedal latch released. Adjust one side of tractor to obtain 1.25-1.75 inches of pedal travel to just lock brakes while wheel is being manually rotated. Adjust opposite brake using same procedure while maintaining a maximum of .25 inch difference between right and left brake. The above procedure should result in pedal travel of 2.0-2.5 inches when a 15.0 lb. force is applied to each pedal face.

With pedal latched together, drive tractor at road speed and apply brakes. Tractor must stop in a straight line. Adjust as required if tractor does not stop in a straight line.

FOREWORD

This manual has been prepared to assist you in the proper break-in, daily care, and operation of your new Ford Tractor. It contains specific information on its many features; the attachments that are available; instructions for making minor repairs and adjustments; safety precautions; general specifications; suggested operating techniques; the pre-delivery and 50-hour check lists.

Your Ford Tractor has been carefully inspected before leaving the factory and 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.

The information in this manual applies to the Ford 445A and 545A Industrial Model Tractors and 745 Industrial Loaders. Where differences exist, specific information is presented for each model.

Have your Dealer record the information called for in the spaces below.

Read this manual carefully before operating your Ford Tractor and keep it in a convenient location for future reference. If, at any time, you have a service problem concerning your new Ford 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:

Owner's Name	

Mailing Address	

City	
_____	_____
State	Zip Code

ISSUED BY:

Ford Tractor-Equipment Dealer	

City	
_____	_____
State	Zip Code

Delivery Date	

DEAR CUSTOMER — PLEASE READ CAREFULLY

The warranty coverage that is extended to your Ford Tractor is explained in the Warranty and Limitation of Liability, Ford Tractor and Equipment form. Your dealer will provide you with a copy of the warranty and retain a copy which you have signed. After you read the warranty, ask your dealer to explain any points that you may not understand.

Do not modify or alter or permit anyone else to modify or alter this tractor or any of its components or any tractor function without first consulting a Ford Tractor Dealer. If you have any questions regarding tractor modifications contact the Ford Tractor Operations of Ford Motor Company.

Your safety and the safety of those around you depends upon the care and good judgement you use while operating this equipment. Read the safety precautions carefully.

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 95 and 97. The copy on page 95 is your record of the service performed, and the copy on page 97 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 the manual and your tractor to your dealer. He will then perform the factory recommended 50-HOUR SERVICE as listed on the lower portion of pages 95 and 97 — without charge — except for lubricants, hydraulic oil, or filters replaced as part of normal maintenance. **MAKE SURE THAT YOU AND THE DEALER SIGN BOTH COPIES.**

A machine identification plate is located on the inside of the right hood panel. 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 space below.


Front wheel drive (optional) equipped tractors have a manufactures identification plate located on the axle assembly. Stamped on this ID plate is the model number and serial number. These numbers should be referred to whenever replacement parts or service repairs are required.

"This tractor is equipped with a new Ford engine. During manufacturing, the cylinder walls of some engines are sleeved. Both sleeved and unsleeved engines have the same operating characteristics."

PARTS AND SERVICE CATALOGS AVAILABLE

Ford Tractor Operations is pleased to announce the availability of parts and service catalogs to owners of Ford tractors and equipment.

To obtain these catalogs merely fill out the order form available from your local authorized Ford Tractor-Equipment Dealer. Mail with your remittance to Helm Inc. Your order will be processed promptly.

	
TRACTOR NUMBER	
[]	
MODEL	UNIT
[]	[]
ENGINE	
[]	
TRANSMISSION	REAR AXLE
[]	[]
HYDRAULIC PUMP	HYDRAULIC LIFT
[]	[]

[]

Front Axle Serial No.

[]

Front Axle Type

[]

Transfer Box Serial No.

CONTENTS

	Page
Safety Precautions	4
Controls and Instruments	7
seat, light, and engine controls	8
brake controls	11
manual shift and power reversing transmission and PTO control	13
hydraulic lift system controls	15
loader controls	16
Operation	19
break-in procedures	20
starting the engine	20
stopping the engine	22
operating manual shift and power reversing transmission and PTO	22
towing the tractor	28
operating differential lock	29
operating hydraulic lift system	29
lift linkage and drawbar	32
wheel tread settings	35
tractor weighting	36
loader operation	40
loader attachments	48
Lubrication and Maintenance	49
lubrication and maintenance chart	50
fuels and lubricants	51
fuel and lubricant service procedures	53
general maintenance	63
tractor-loader storage	77
Specifications	79
Decals	92
Pre-Delivery and 50-Hour Service	95

Thank you so much for reading.
Please click the “Buy Now!”
button below to download the
complete manual.



After you pay.

You can download the most
perfect and complete manual in
the world immediately.

Our support email:

ebooklibonline@outlook.com