

FORD



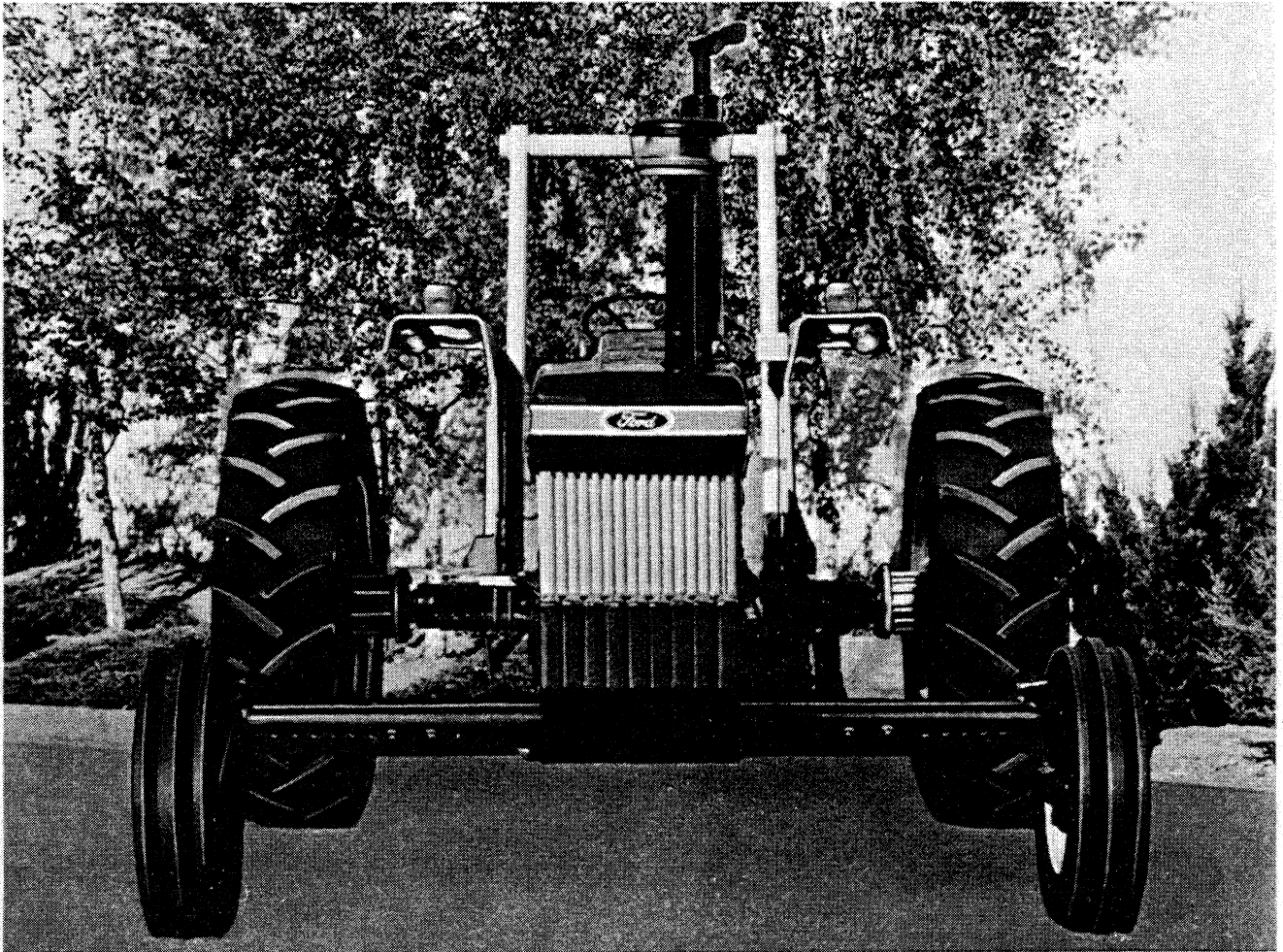
Operator's Manual

Tractors

5610, 6610, 7610

42561030

TRACTOR OPERATOR'S MANUAL SUPPLEMENT FORD TOBACCO SPECIAL AXLES



On tractors equipped with the optional "Tobacco Special" axle, the wheel spacing is as follows:

Front — 72" to 96"

Rear — Manual Adjust Wheels 72" to 96"
Power Adjust Wheels 72" to 106"

Adjustment procedure is the same as outlined on pages 45, 46, and 47 of the Operator's Manual SE-4027.

"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."

FORD TRACTOR OPERATIONS

TROY, MICHIGAN 48084

FORD MOTOR COMPANY

FOREWORD

DEAR CUSTOMER — PLEASE READ THIS MANUAL CAREFULLY BEFORE OPERATING YOUR TRACTOR AND KEEP IT IN A CONVENIENT LOCATION FOR FUTURE REFERENCE

This manual has been developed to assist you in understanding how to operate and maintain your Ford Tractor. It contains a list of safety precautions, a discussion of the controls and instruments, procedures for operating the tractor, a maintenance schedule, and a specification section. The manual also contains a list of pre-delivery and 50 hour checks which will be performed by your Ford Tractor-Equipment Dealer.


Your Ford Tractor was carefully inspected by the factory and by your Ford Tractor-Equipment Dealer to be certain that it is ready to go. Follow the break-in, operation, and maintenance instructions to keep it in this "ready to go" condition.

The complete list of pre-delivery checks made by your dealer is on pages 97 and 99. Both copies should be completed and signed by you and the dealer. Retain the copy on page 97. Your dealer will keep the copy on page 99.

At or shortly after fifty hours operation, take your tractor and this manual to your dealer. He will perform the fifty hour checks listed on pages 97 and 99 without charge, except for lubricants or filters which are replaced as part of normal maintenance. Both copies of the 50 hour checks should be completed; the dealer retains the copy on page 99 and you retain the copy on page 97.

The warranty coverage on your Ford Tractor is explained in the Warranty and Limitation of Liability, Ford Tractors and Equipment Form. Your dealer will provide you with a copy of the form and retain a copy which you have signed. Read the warranty and ask your dealer to explain any point which you do not understand.

A vehicle identification plate is located on the inside of the right hand hood panel. The numbers on the identification plate and the information listed below are important if your tractor requires service in the future. For your convenience have the dealer record the information in the spaces below.

	
TRACTOR NUMBER	
<input type="text"/>	
MODEL	UNIT
<input type="text"/>	<input type="text"/>
ENGINE	
<input type="text"/>	
TRANSMISSION	REAR AXLE
<input type="text"/>	<input type="text"/>
HYD. PUMP	HYD. LIFT
<input type="text"/>	<input type="text"/>

Delivery Date

Owner's Name




















Owner's Address

Ford Tractor-Equipment Dealer

Dealer's Address

INTERNATIONAL SYMBOLS

As a guide to the operation of your tractor, various international symbols have been utilized on the instruments and controls. The symbols are shown below with an indication of their meaning.

	Engine speed (rev/min x 100)		Alternator charge
	Hours recorded		Heater temperature control
	Engine water temperature		Air conditioner temperature control
	Fuel level		Fan
	Fuel cut-off		Wipe/wash control
	Lights		Power take-off (on)
			Power take-off (off)
	Horn		'Tortoise', slow or minimum setting
	Engine oil pressure		'Hare', fast or maximum setting
	Air filter		Caution

CONTENTS

	Page
Safety Precautions	4
Controls and Instruments	5
seat, light, and engine controls	6
brake controls	13
transmission and P.T.O. controls	14
hydraulic lift system controls	15
Operation	23
break-in procedures	24
starting the engine	24
stopping the engine	26
operating transmission and P.T.O.	26
operating differential lock	30
operating belt pulley (accessory)	31
operating hydraulic lift system	31
lift linkage and drawbar	41
wheel tread settings	45
tractor weighting	49
Lubrication and Maintenance	55
lubrication and maintenance chart	56
fuels and lubricants	57
fuel and lubricant service procedures	59
general maintenance	72
tractor storage	84
Specifications	88
Decals	94-95
Pre-Delivery and 50-Hour Service	97-99

SAFETY PRECAUTIONS

A careful operator is the best operator. Most accidents can be avoided by observing certain precautions. Read and take the following precautions before operating this tractor to help prevent accidents. Equipment should be operated only by those who are responsible and instructed to do so.

THE TRACTOR

1. Read the Operator's Manual carefully before using the tractor. Lack of operating knowledge can lead to accidents.
2. Use an approved Rollbar and Seat Belt for safe operation. Overturning a tractor without a rollbar can result in death or injury. If your tractor is not equipped with a rollbar and seat belt, see your Ford Tractor Equipment Dealer.
3. Always use the seat belt when the rollbar is installed. Do not use the seat belt if the rollbar is removed from the tractor.
4. Use the handholds and step plates when getting on and off the tractor to prevent falls. Keep steps and platform cleared of mud and debris.
5. Do not permit anyone but the operator to ride on the tractor. There is no safe place for extra riders.
6. Keep decals clean, replace all missing, illegible or damaged safety decals.

SERVICING THE TRACTOR

1. Cooling system operates under pressure which is controlled by the radiator cap. It is dangerous to remove the cap while system is hot. Always turn cap slowly to the first stop and allow the pressure to escape before removing the cap entirely.
2. Do not smoke while refueling the tractor. Keep any type of open flame away. Wait for engine to cool before refueling.
3. Keep the tractor in good operating condition for your safety. An improperly maintained tractor can be hazardous.
4. Keep open flame away from battery or cold weather starting aids to prevent fires or explosions. Use jumper cables according to instructions to prevent sparks which could cause explosion.
5. Stop the engine before performing any service on the tractor.
6. Do not attempt to service air conditioning system. It is possible to be severely frostbitten or injured by escaping refrigerant. See your dealer for service.
7. 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-Equipment Dealer.

OPERATING THE TRACTOR

1. Apply the parking brake, place the P.T.O. lever in the "OFF" position, the lift control lever in the down position, the remote control valve levers in the neutral position, and the transmission in neutral before starting the tractor.
2. Do not start the engine or operate controls while standing beside the tractor. Always sit in the tractor seat when starting the engine or operating controls.
3. Do not bypass the safety start switch. Consult your Ford Tractor-Equipment Dealer if your safety start controls malfunction. Use jumper cables only in recommended manner, improper use can result in tractor runaway.
4. Do not get off the tractor while it is in motion.
5. Shut off the engine and apply the parking brake before getting off the tractor.

6. Do not park the tractor on a steep incline.
7. Do not operate the tractor engine in an enclosed building without adequate ventilation. Exhaust fumes can cause death.
8. If power steering or engine ceases operating, stop tractor immediately.
9. Pull only from the swinging drawbar or the lower link drawbar in the down position. Use only a drawbar pin that locks in place. Pulling from the tractor rear axle or any point above the axle may cause the tractor to upset.
10. If the front end of the tractor tends to rise when heavy implements are attached to the three-point hitch, install front end or front wheel weights. Do not operate the tractor with a light front end.
11. Always set the hydraulic selector lever in position correct when attaching equipment, when transporting equipment. Be sure hydraulic couplers are properly mounted and will disconnect safely in case of accidental detachment of implement.
12. Do not leave equipment in the raised position.
13. Use the Flasher/Turn Signal Lights and SMV signs when traveling on public roads both day and night unless prohibited by law.
14. Dim tractor lights when meeting a vehicle at night. Be sure the lights are adjusted to prevent blinding an oncoming vehicle operator.

DRIVING THE TRACTOR

1. Watch where you are going especially at row ends, on roads, around trees and any low hanging obstacle.
2. To avoid upsets drive the tractor with care and at speed compatible with safety, especially when operating rough ground, crossing ditches, slopes, and when turning.
3. Lock tractor brake pedals when transporting on roads to provide two wheel braking.
4. Keep the tractor in the same gear when going downhill as used when going uphill. Do not coast or free wheel down hills.
5. Any towed vehicle whose total weight exceeds that of the towing tractor must be equipped with brakes for safe operation.
6. When the tractor is stuck or tires frozen to the ground back out to prevent upset.
7. Always check overhead clearance, especially when transporting the tractor.

OPERATING THE P.T.O.

1. When operating P.T.O. driven equipment, shut off the engine and wait until the P.T.O. stops before getting off the tractor and disconnecting the equipment.
2. Do not wear loose clothing when operating the power take-off, or when near rotating equipment.
3. When operating stationary P.T.O. driven equipment always apply the tractor parking brake and block the rear wheels front and back.
4. Do not add dressing, install or remove the belt while the belt pulley is in motion.
5. To avoid injury, do not clean, adjust, unclog or service P.T.O. driven equipment when the tractor engine is running.
6. Make sure the P.T.O. master shield is installed at all times and always replace the P.T.O. shaft cap when the P.T.O. is not in use.

Whenever you see this symbol

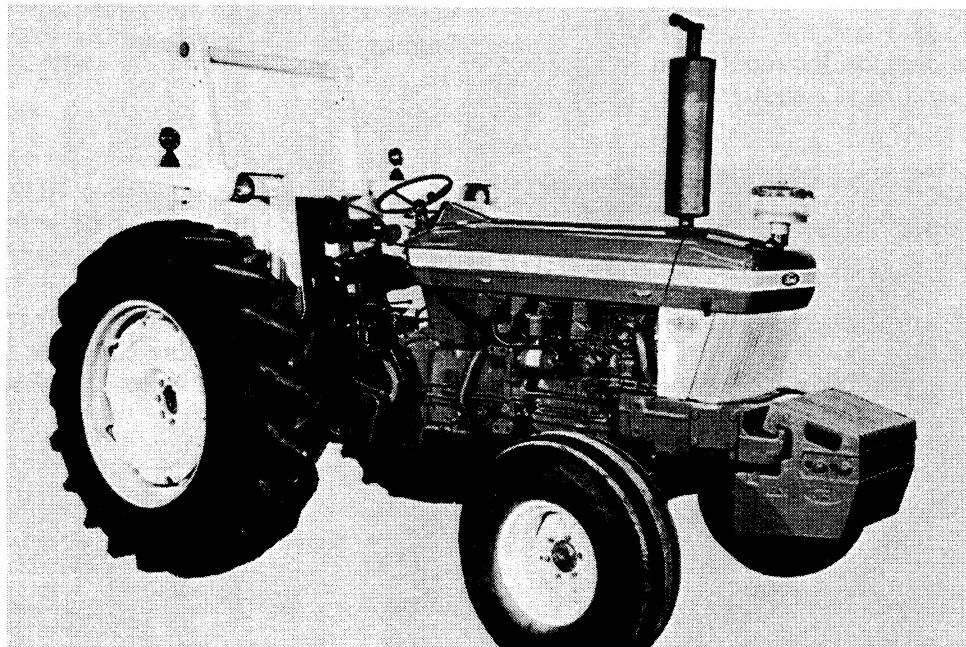


it means: ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!

CONTROLS AND INSTRUMENTS

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

The instruments and warning lights are located so you can tell at a glance when the tractor is operating properly. The warning lights also warn you of trouble before it becomes a serious problem.



Know your controls and instruments
to assure Safe Operation.

CONTROLS AND INSTRUMENTS

SEAT, LIGHT, AND ENGINE CONTROLS

TRACTOR SEAT

Your new Ford Tractor is equipped with a deluxe seat or a super comfort seat, Figure 1.

Adjust the seat to your weight by turning the knob (1). Raise or lower the seat by loosening the height adjustment nuts (3). Slide the seat ahead or back by depressing the seat track latch (4). If more fore-aft adjustment is required than that provided in the seat track, the two seat assembly mounting bolts may be loosened and the seat slid ahead or back in the seat frame mounting slots (5).

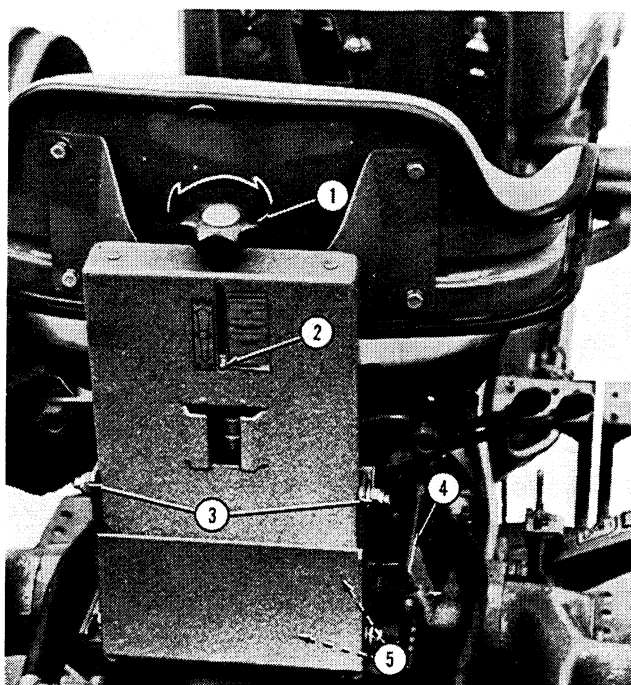


Figure 1
Super Comfort Seat

- | | |
|--------------------------------|--|
| 1. Weight Adjustment Knob | 4. Seat Track Latch |
| 2. Weight Adjustment Indicator | 5. Seat Frame Mounting Bolts (not visible) |
| 3. Seat Height Adjustment Nuts | |

ROLL OVER PROTECTIVE STRUCTURE (ROPS)

Ford Tractor Operations recommends that you equip your tractor with a Roll Over Protective

Structure (ROPS) or safety cab and seat belts. ROPS and safety cabs are effective in reducing injuries during tractor overturn accidents. Overturning a tractor without a ROPS or safety cab can result in serious injury or death.

Roll Over Protective Structure (ROPS), safety cabs and seat belts are available for your Ford tractor. If your tractor is not equipped with a ROPS or safety cab and seat belts see your Ford Tractor Equipment Dealer.

All tractors equipped with a ROPS or cab are also equipped with a seat belt which, when used by the operator, maximizes the protection offered by the ROPS. ALWAYS use your seat belt when the ROPS is installed—seat belts save lives when they are used. Do not use your seat belt when the ROPS is not installed on the tractor.

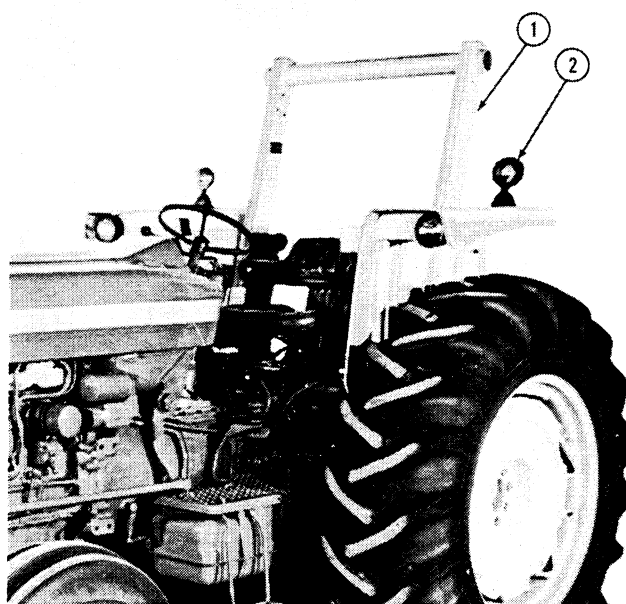
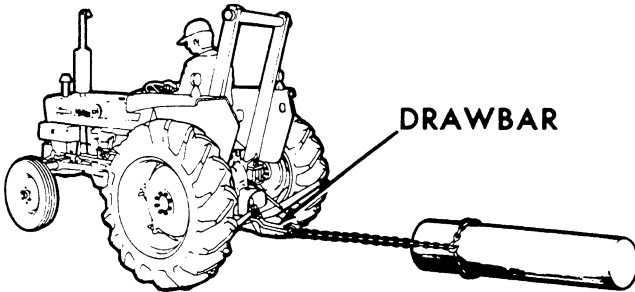


Figure 2
Two-Post Roll Over Protective Structure (ROPS)

- | | |
|------------------|---------------------------|
| 1. Two-Post ROPS | 2. Flashing Warning Light |
|------------------|---------------------------|



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



CAUTION: *If the ROPS cab is removed or replaced, make certain that the proper hardware is used and the recommended torque values are applied to the attaching bolts.*



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

ADJUSTING THE SEAT BELT

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

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

If the seat belt must be cleaned, use soap and water. Do not use carbon tetrachloride, naphtha, etc., as cleaning agents because these chemicals will weaken the belt webbing. Also, for the same reason, do not bleach or dye the webbing.

The seat belt should be examined every 6-12 months and should be replaced if it is frayed, worn, or shows signs of deterioration.

POSSIBLE DAMAGE TO THE ROPS

If the machine has rolled over or the ROPS has been in some other type of accident (such as hitting an overhead object during transport) you must replace the ROPS to get the original protection.

After an accident, check for damage to the ROPS, the operators seat, the seat belt and the seat belt mountings. Before you operate the machine, replace all damaged parts.

DO NOT TRY TO WELD THE ROPS OR TO MAKE THE ROPS STRAIGHT

KEY-STARTER SWITCH

The key-starter switch (11), Figure 3, controls the tractor electrical system, the starting motor, and the Thermostart cold weather starting aid. The key-starter switch positions are shown in Figure 4.

HAND THROTTLE CONTROL LEVER

Move the throttle lever rearward, Figure 3, to increase engine rpms, forward to decrease engine rpms.

CONTROLS AND INSTRUMENTS

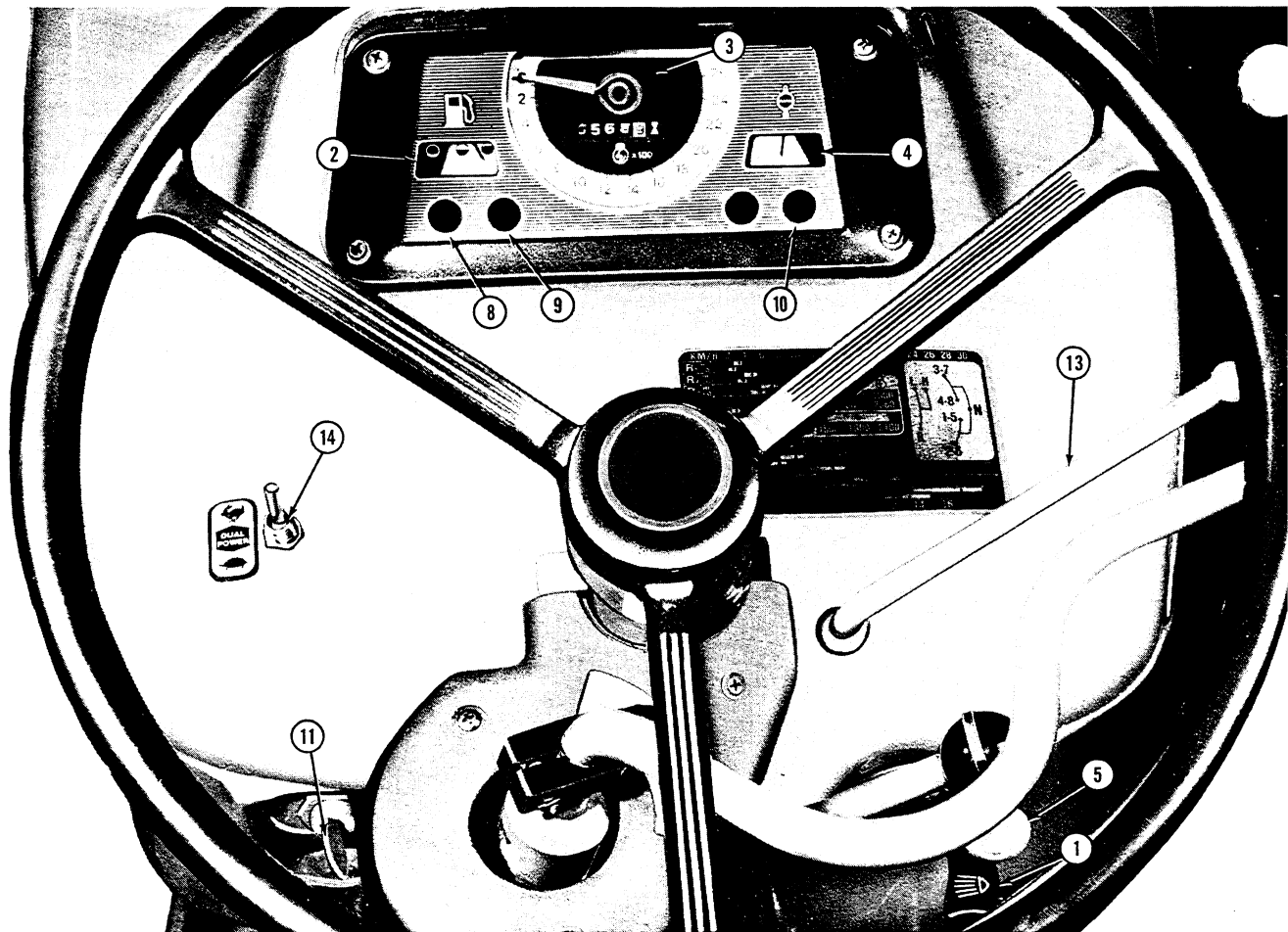
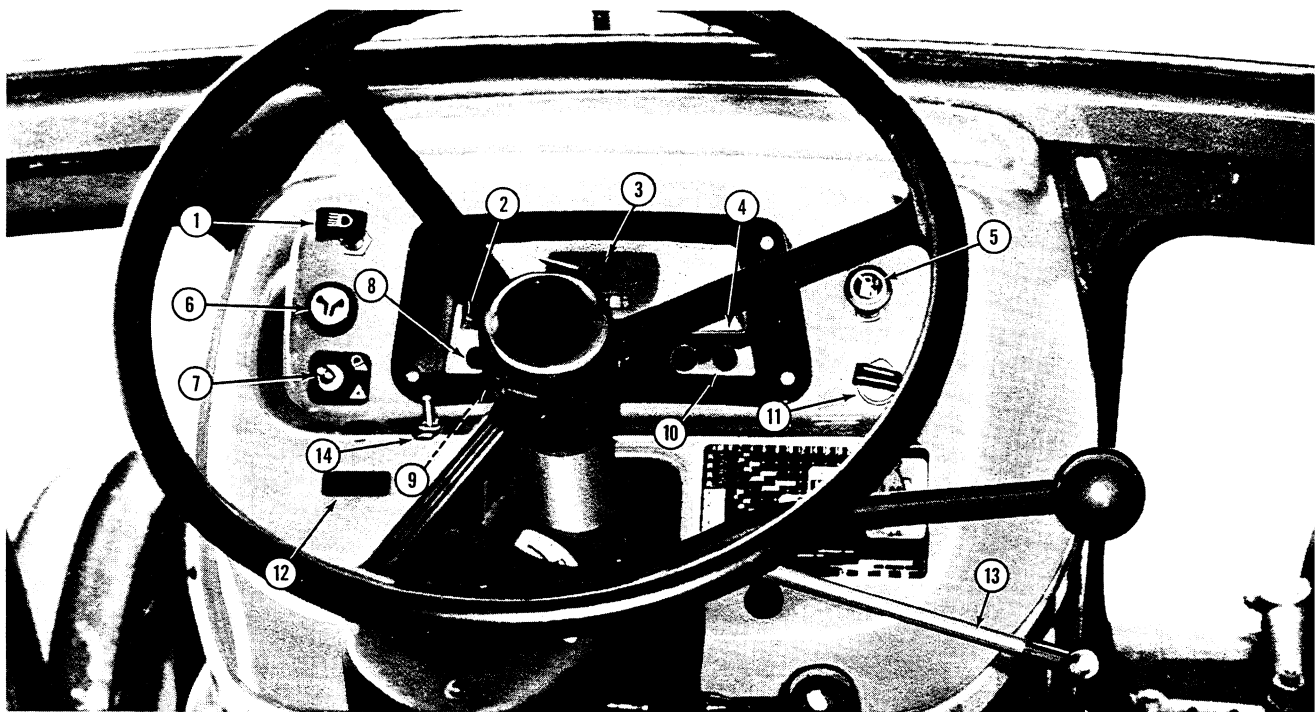


Figure 3

Instruments and Console Controls

1. Light Switch
2. Fuel Gauge
3. Proof-Meter
4. Engine Coolant Temperature Gauge
5. Diesel Engine Stop Control
6. Turn Signal Switch
7. Flasher Light-Work Light Switch
8. Charge Indicator Warning Light
9. Air Cleaner Restriction Warning Light
10. Engine Oil Pressure Warning Light
11. Key Starter Switch
12. Turn Signal Indicator
13. Hand Throttle
14. Dual Power Switch

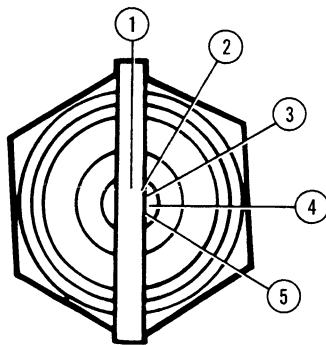


Figure 4
Key-Starter Switch Positions

- | | |
|--------------|----------------|
| 1. Off | 4. Thermostart |
| 2. Accessory | 5. Start |
| 3. On | |

FOOT THROTTLE

The foot throttle (5), Figure 11, is used to temporarily increase engine speed above the speed set by the hand throttle. It returns to the hand throttle setting when released.

DIESEL ENGINE STOP — CONTROL

The diesel engine stop control, shown in Figure 3, is used with the key-starter switch to stop and start the engine. Push the control in before starting the engine. Pull the control out to stop the engine. See page •• for additional information.

LIGHT SWITCH (NON-CAB MODELS)

The light switch (1), Figure 3, is a push-pull type switch. The positions are:

- In Off
- Intermediate . . . Low beam headlamps, tail light, flasher warning light, instrument lights, accessory lights
- Out Low and high beam headlamps, tail light, flasher warning light, accessory lights

FLASHER WARNING LIGHTS AND WORKING LIGHTS (NON-CAB MODELS)

Your tractor is equipped with two flasher warning lights. The light switch must be on to activate the flashing warning light. To turn on the light, push the switch on the base of the lamp housing. See Figure 5 for an illustration of all tractor lights.

EXTERNAL LIGHT SWITCHES (CAB MODELS)

The console mounted light switch (1), Figure 3, controls the headlights, instrument panel lights and the red tail light, shown in Figure 6. The switch operates as follows:

POSITION	LIGHTS
• In	Off
• Intermediate	Headlight low beams, red tail light, instrument panel lights
• Out	Headlight high beams, red tail light, instrument panel lights

The toggle type switch (7), Figure 3, activates the flasher/turn signal lights and the work light(s) as follows.

POSITION	LIGHTS
• Up	Rear work light(s)
• Center	Off
• Down	Flasher/turn signal lights

CONTROLS AND INSTRUMENTS

With the toggle type switch (7), Figure 3, in the down position, the rotating switch (6), Figure 3, will activate the flasher/turn signal lights as follows:

- | POSITION | FLASHER/TURN SIGNAL LIGHTS |
|------------------|----------------------------|
| Left | Left Turn Light |
| Center | Both flasher lights |
| Right | Right Turn Light |

NOTE: The turn signals are wired so when either turn signal is flashing the other turn signal light will be on.

NOTE: For your protection use the flasher/turn signal lights both day and night when travelling on public roads unless prohibited by law. Local regulations vary regarding flashing lights and turn signals. Check the local regulations and have your Ford Tractor-Equipment Dealer make any necessary modifications.

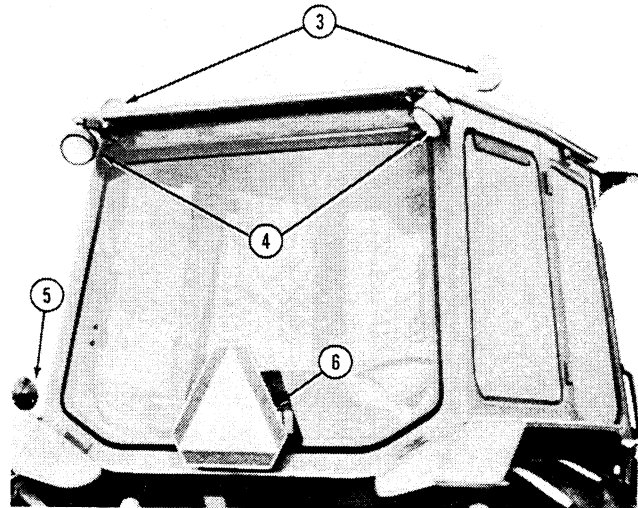
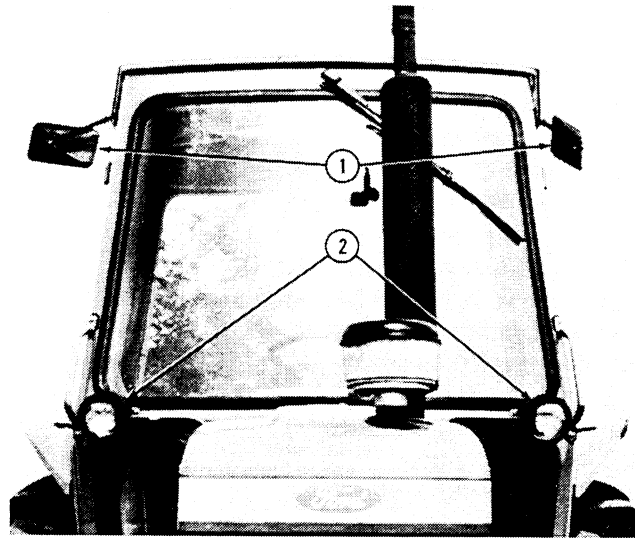


Figure 6
Tractor Lights

1. Outside Rear View Mirror(s)
2. Headlights
3. Flasher/Turn Signal Lights
4. Work Light(s)
5. Tail Light
6. SMV Emblem

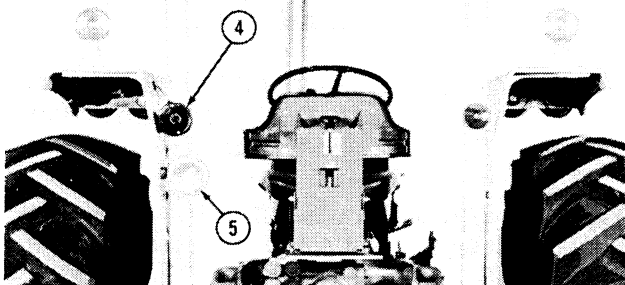
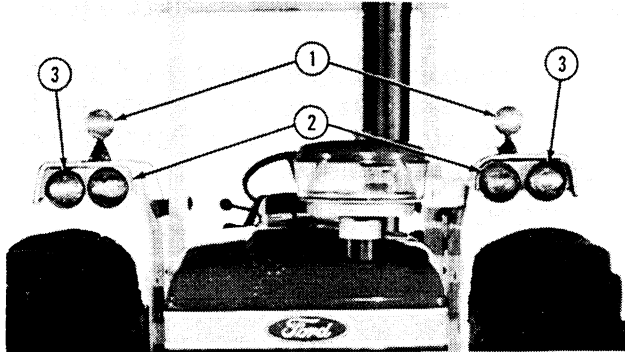


Figure 5
Tractor Lights

1. Flashing Warning Light(s)
2. Single Beam Headlamps
3. Dual Beam Headlamps
4. Tail Light
5. Work Light

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