GENERAL

OPERATOR'S SEAT

Your new Ford 5550 is equipped with a "turnabout" type seat, Figure 1. It can be adjusted forward or rearward a maximum of seven inches (17.8 cm) by moving the seat release lever. The height can also be changed two inches (5.0 cm) to suit the operator by loosening the height adjustment knob.

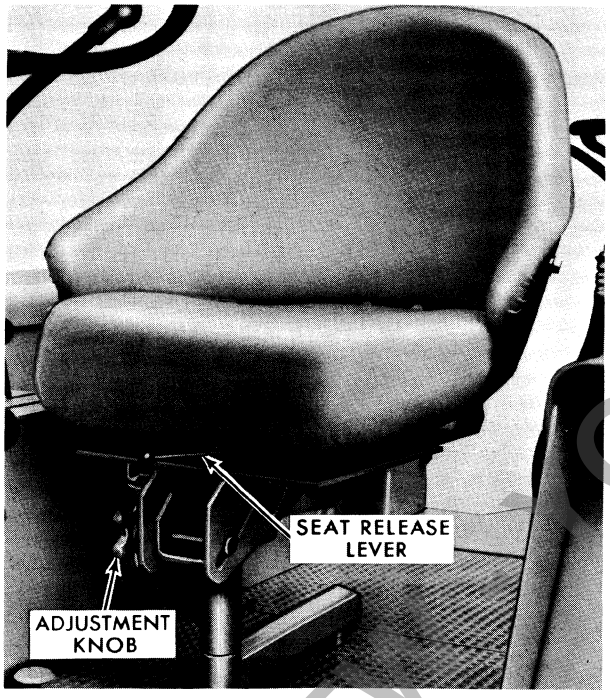


Figure 1
Operator's Seat

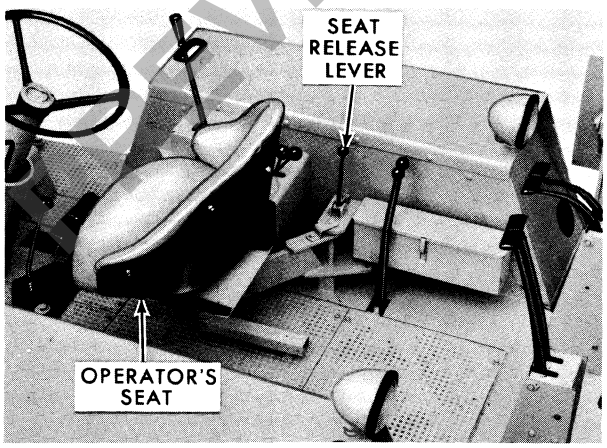


Figure 2
Operator's Seat—Traveling and Loader Position

Once the seat is adjusted for operator comfort, in the loader operating position, it can turned to the backhoe position by releasing the seat release lever. See Figures 2 and 3. Once the seat is adjusted for loader operation, it will normally suit the operator for backhoe operation without additional adjustments.

FLASHER WARNING LAMP

A flasher warning lamp, located on the rear of the left fender, or on the left rear corner of the cab, is provided as standard equipment. A push-type switch on the lamp housing, Figure 4, or on the inside left wall of the cab, is used to turn the flasher on or off. The light switch, Figure 5, must be turned to its first, second, or third position before the flasher wil operate.

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

LIGHT SWITCH

The light switch is shown in Figure 5. The switch is a rotating type that turns to the right. Switch positions are:

- "Home" Position . . . Off
- First Right . . . . . Instrument Lights, Headlamps, and Flasher Warning Lamp
- Second Right . . . . . Instrument Lights, Headlamps, Flasher Warning Lamp, and Red Tail Lights
- Third Right . . . . . Instrument Lights, Headlamps, Flasher Warning Lamp, and Rear Work Lamps

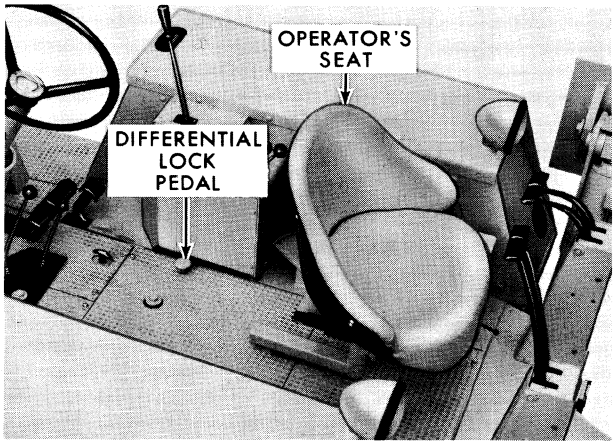


Figure 3
Operator's Seat—Backhoe Position

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BREAK-IN PROCEDURES

Your new Ford 5550 will provide long and dependable service if given proper care during the 50-hour break-in period. During the first 50 hours of operation:

1. Avoid "lugging" the engine. Operating in too high a gear under heavy load may cause excessive engine "lugging". Harmful "lugging" occurs when the engine will not respond to a throttle increase.
2. Use the lower gear ratios when moving heavy loads and avoid continuous operation at constant engine speeds. You will save fuel and minimize engine wear by selecting the correct gear ratio for a particular operation. Operating in low gear with a light load and high engine speed will waste fuel.
3. Avoid prolonged operation at either high or low engine speeds without a load on the engine.
4. Check the instruments frequently and keep the radiator and oil reservoirs filled to their recommended levels. Daily checks include:

- Radiator coolant level
- Engine oil level
- Hydraulic system oil level
- Transmission oil level
- Rear axle oil level

STARTING THE ENGINE

A safety starter switch on the Ford 5550 allows the starting motor to be used only when the transmission high-low range lever is in neutral. It is also recommended that the shuttle lever be placed in neutral, and that the parking brake be applied before starting the engine. NEVER ATTEMPT TO START THE ENGINE WHILE STANDING BESIDE THE UNIT—ALWAYS SIT IN THE SEAT.

IMPORTANT: ***Do not crank the starting motor continuously for more than two minutes; doing so many cause starting motor failure.***

WARM WEATHER STARTING

To start a cold engine in warm weather or to start an engine that is warm:

1. Move the transmission high-low range lever and the transmission shuttle lever to their neutral positions.
2. **Gasoline Engines:** Move the hand throttle all the way rearward to its idle or closed position. Make sure the choke control is all the way forward (wide open) so that choking does not occur.

   Diesel Engines: Move the hand throttle to the half-open position. Make sure the diesel engine stop control is all the way forward.
3. Turn the starter key to its "START" position, Figure 17. When the engine starts, release the key.

NOTE: *If the engine fails to start after cranking for approximately 10 seconds, refer to the following "Cold Weather Starting" information.*

COLD WEATHER STARTING

Gasoline Engines: If the engine fails to start using the preceding warm weather starting procedure or when starting a cold engine, use the choke as outlined below.

1. Move the transmission high-low range lever and the transmission shuttle lever to their neutral positions.
2. Move the choke control all the way rearward (fully closed) so that maximum choking will occur.
3. Move the hand throttle control forward so it is open slightly.
4. Turn the starter key to its "START" position. Release the key when the engine first begins to fire, then partially move the choke control forward toward its open position.

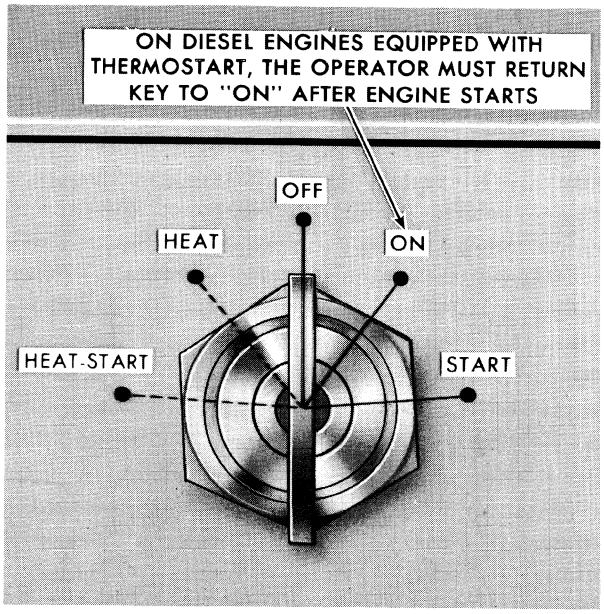
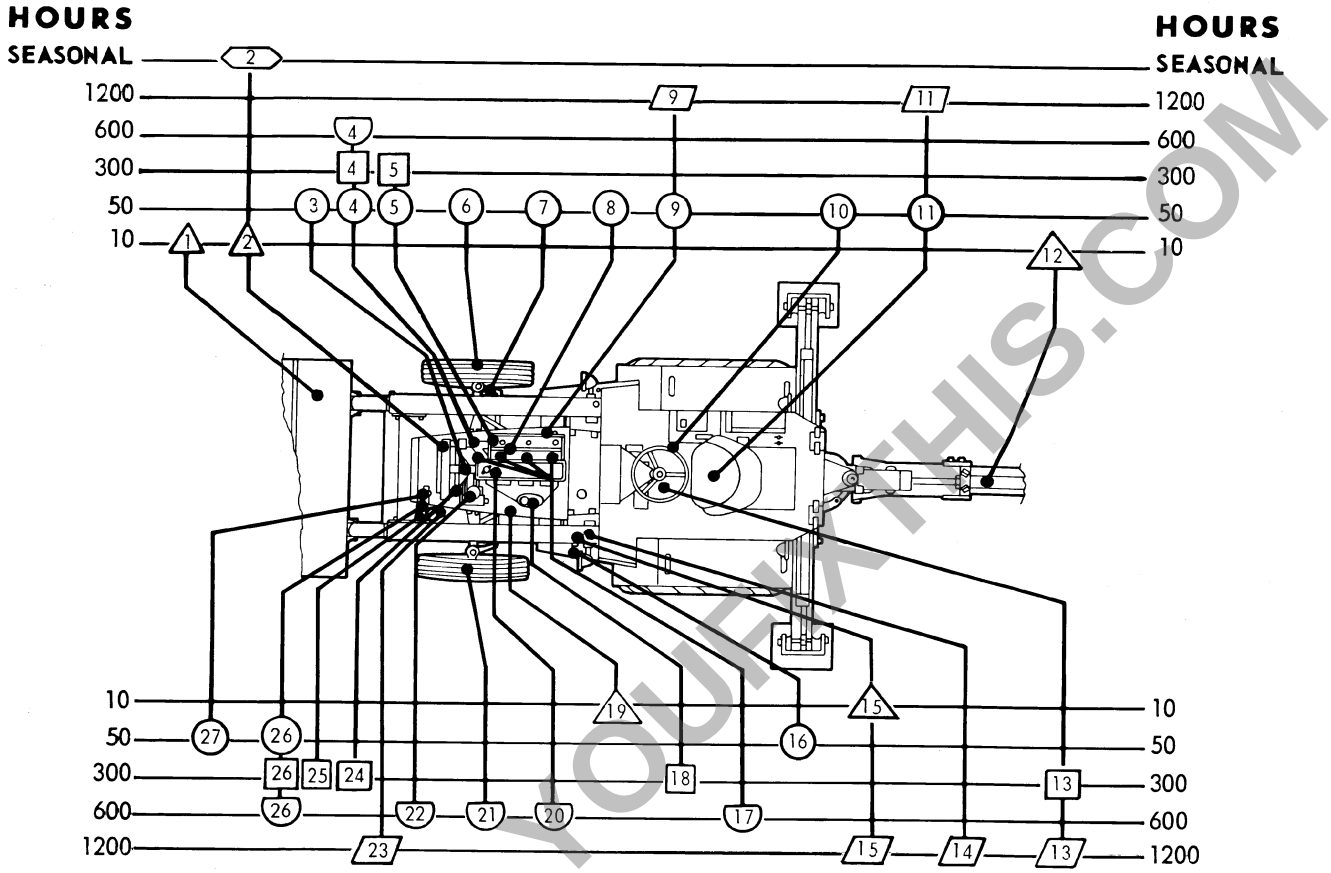


Figure 17
Key-Starter Switch Positions

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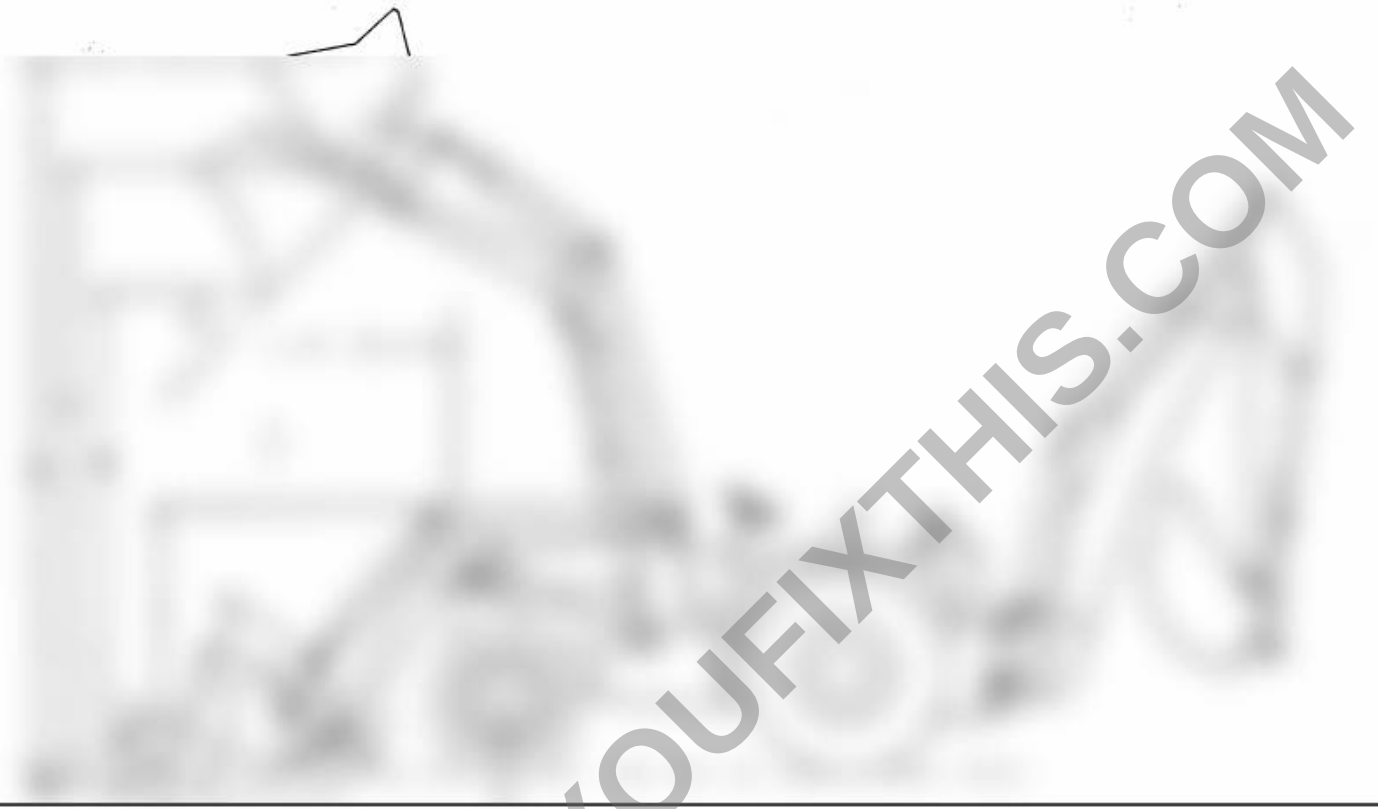
NO.	LUBRICATION AND MAINTENANCE ITEMS	CHECK	CLEAN	LUBE	CHANGE	ADJUST	PAGE NO.	SERVICE INTERVAL
1	Loader Lubrication Fittings (See Figure 47)			X			51	Every 10 Hours or Daily
12	Backhoe Lubrication Fittings (See Figure 48)			X			51	
19	Engine Oil Level	X					43	
2	Radiator	X					51	
15	Hydraulic System Oil Level	X					48	
26	Air Cleaner		X				46	Every 50 Hours
27	Air Pre-Cleaner		X				46	
8	Battery	X					60	
4	Distributor			X			44	
9	Sediment Bowl and Filter		X				46	
5	Fuel Injection Pump Oil	X		DRAIN			45	
9	Fuel Filters						45	
6	Tires	X					63	
11	Rear Axle Oil Level	X					48	
–	Chassis Lubrication Fittings:						51	
7	Front Wheel Spindles			X			–	
10	Brake Pedal Pivots			X			–	
3	Front Axle Pivot Pin			X			–	
16	Hydraulic System Oil Breather		X				49	
18	Engine Oil and Filter				X		44	Every 300 Hours
26	Air Cleaner		X				47	
4	Distributor						44	
	Cam			X			–	
	Cam Center Spindle			X			–	
	Gov. Wt. Mechanism			X			–	

NO.	LUBRICATION AND MAINTENANCE ITEMS	CHECK	CLEAN	LUBE	CHANGE	ADJUST	PAGE NO.	SERVICE INTERVAL
	(Continued)							
17	Spark Plugs		X				60	Every 300 Hours
24	Fan Belt	X					53	
5	Fuel Injection Pump Oil and Breather		X		X		45	
13	Transmission Oil Level	X					47	
25	Hydraulic System Oil Filter				X		49	
26	Air Cleaner Element				X		47	Every 600 Hours
17	Fuel Injectors	X				X	55	
4	Distributor Points				X		58	
17	Spark Plugs				X		60	
20	Valve Clearance	X				X	60	
22	Transmission Oil Filter				X		47	
21	Front Wheel Bearings			X			63	
9	Fuel Filter Elements		X		X		45	Every 1200 Hours
11	Rear Axle Oil				X		48	
13	Transmission Oil				X		48	
15	Hydraulic System Oil				X		50	
14	Hydraulic Reservoir Outlet Screen		X				50	
23	Power Steering Inlet Strainer		X				50	
2	Radiator				X		52	Seasonal

LUBRICATION AND MAINTENANCE CHART — FORD 5550

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safety precautions

The following precautions are suggested to help prevent accidents.

1. Check for secure pivot pins, snap rings, and main attaching bolts prior to each days operation.
2. Use the hand holds when getting on and off the Ford 5550.
3. Never start the engine while standing beside the unit. Always start the engine while sitting in the operator's seat.
4. Never operate the loader or backhoe controls while standing on the ground.
5. Do not bypass the safety starter switch. Consult your Ford Tractor-Equipment Dealer if your safety starter controls are malfunctioning.
6. Do not permit anyone to ride on the Ford 5550 with the operator.
7. Never allow anyone to get under the loader or backhoe buckets, or reach through the lift arms when the buckets are raised.
8. Always lower the loader and backhoe buckets to the ground and shut off the engine and apply the parking brake lock before getting off the unit. Never get off the unit while it is in motion.
9. Always be watchful of bystanders when operating the loader, when lowering the stabilizers, or when operating the backhoe.
10. Use care when operating on steep grades to maintain proper stability, also drive at speeds compatible with safety, especially when operating over rough ground, crossing ditches, slopes, or when turning.
11. Avoid full reach and swinging a loaded backhoe bucket to the downhill side when operating on a slope.
12. Always be sure of water, gas, sewage, and electrical line locations before you start to dig.
13. Never make mechanical adjustments while the unit is in motion.
14. Never make repairs or tighten hydraulic hoses or fittings when the system is under pressure, when the engine is running, or when the loader or backhoe cylinders are under a load.
15. Always attach the backhoe transport chains before transporting the Ford 5550.
16. Always check overhead clearance, especially when transporting the unit.
17. When necessary to tow the Ford 5550, do not exceed 15 mph (24.3 kph).
18. Always apply the parking brake lock when parking the Ford 5550, and remove the starter key when leaving the unit parked or unattended.
19. Never refuel the Ford 5550 when the engine is hot or running.
20. Always keep the brakes and power steering system in good operating condition.
21. Always use the headlamps and work lamps for night work.
22. Use the flasher warning lamp when operating on public roads, day or night, unless prohibited by law in your State.
23. Read this manual carefully to acquaint yourself with the Ford 5550. Working with unfamiliar equipment can lead to accidents.

Whenever you see this symbol  it means:

ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!

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Tractor
Service Policy

PROPER CARE OF YOUR FORD 5550

Your new Ford Tractor has been properly inspected and prepared for delivery in the manner recommended by Ford Motor Company. Continued efficiency as well as economy in operation, however, depends upon the care received. Systematic attention to lubrication, regular inspection, and necessary adjustments by a Ford Tractor-Equipment dealer, usually will result in greater satisfaction for you.

WARRANTY SERVICE

Should the replacement of any part become necessary under the warranty, the selling dealer will make the replacement without charge to you for the part or for the labor required to replace the part.

If you move to another location during the warranty period, the warranty service to which you are entitled under this policy will be performed by the nearest authorized Ford Tractor-Equipment Dealer without charge for material or labor when the equipment is brought into his shop. In order to obtain this service, you must present this policy to the servicing dealer before the warranty period expires. For your further information and guidance, any of the following services performed in connection with your Tractor under warranty are additional cost items and are not provided for in this Service Policy.

- 50-hour inspection (when performed by other than Selling Dealer)
- Pick-up and delivery
- Service calls
- Replacement of filters and replenishing of lubricants
- Loaner equipment (made available at the discretion of the dealer who may or may not levy a charge for this service)

AFTER THE WARRANTY PERIOD HAS ELAPSED

The selling Dealer, will at any time give your Ford 5550 a free inspection in his shop using factory-recommended equipment and the experience of trained mechanics and service analysts. He will advise you concerning the most economical and efficient maintenance. No charge will be made for such inspections, but repair or maintenance operations authorized by you will be charged for at his regular prices for such work.

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