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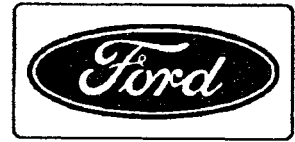


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CONTROLS AND INSTRUMENTS

LIGHTING

FLASHER WARNING LAMP

Your Ford tractor is equipped with flasher warning lamps, Figure 3. The switch, Figure 4 for the warning lamps is located on the instrument panel.

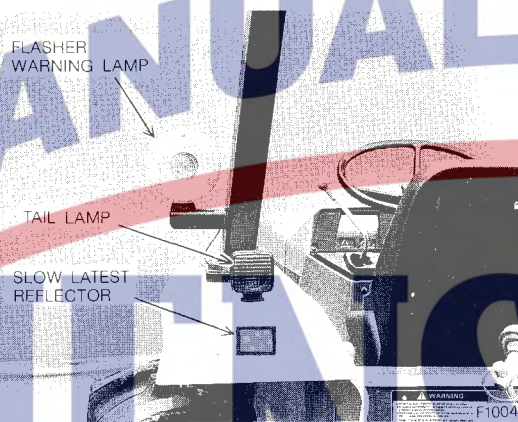


Figure 3 — Flasher Warning and Tail Lamp

The light switch must be turned in one of the "ON" positions before the flasher will operate.

For your protection, use the flasher warning lamp and the SMV emblem when traveling on public roads, day or night.

LIGHT SWITCH

The light switch, shown in Figure 4, is a dial type switch. Its positions are :

- 1st Position "OFF"
- 2nd position Headlights (High Beam),
and Tail Lamp "ON"
- 3rd position Headlights (Low Beam),
and Tail Lamp "ON"



Figure 4 — Combination Switch

INSTRUMENT PANEL

KEY SWITCH

The key switch is shown in Figure 5. Turning the key to the left will activate the cold-start aid. 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.

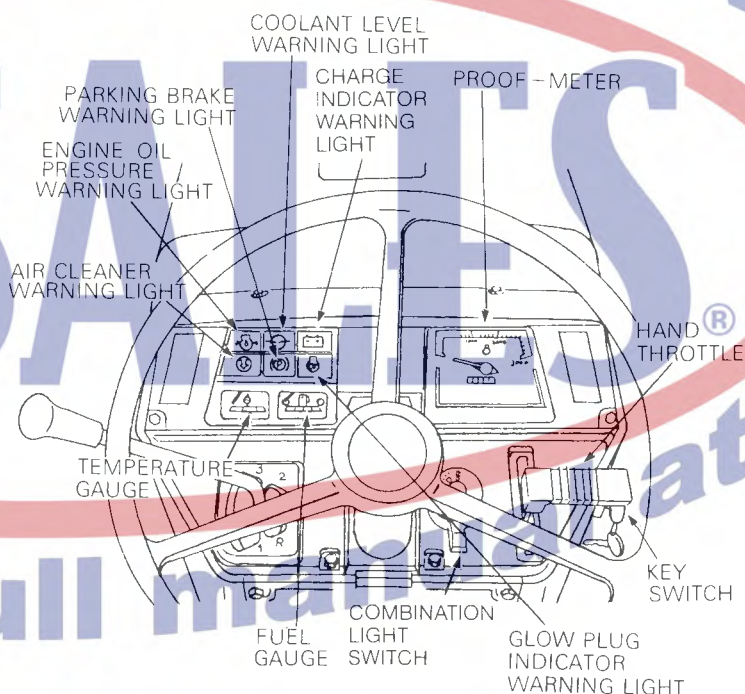


Figure 5 — Instrument Panel

The starting circuit can only be activated when the main shift lever or shuttle lever (if equipped) and P. T. O. lever are in neutral. Always check to make certain the transmission main shift lever and P. T. O. lever are in neutral before attempting to start the engine. Refer to page 14 for complete starting instructions.

OPERATION

BREAK-IN PROCEDURES

Your Ford Tractor 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 engine "lugging", which is indicated when the engine will not respond to a throttle increase.
2. Use the lower gear ratios when pulling 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 the tractor 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 :
 - Engine oil level
 - Radiator coolant
 - Air cleaner

STARTING THE ENGINE

A safety key switch on the tractor allows the starting motor to be used only when the main shift lever, shuttle shift lever (if equipped) and P. T. O. control lever are in neutral position. For safe operation the range selector lever should be in neutral position prior to starting the engine.



WARNING : Never attempt to start the engine while standing beside the tractor — always sit in the seat when starting the engine.

IMPORTANT : Do not engage the starting motor continuously for more than 30 seconds ; doing so may cause starting motor failure.

WARM WEATHER STARTING

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

1. Depress the clutch pedal fully and move the transmission shift and P. T. O. levers to the off and neutral positions.
2. Move the hand throttle forward to a near full open position.
3. Turn the key switch to the "START" position, Figure 20. When the engine starts, release the key. Check to be sure the warning lights go out. If the engine fails to start after cranking for approximately 10 seconds, refer to the following "COLD WEATHER STARTING" information.



Figure 20 — Key Switch

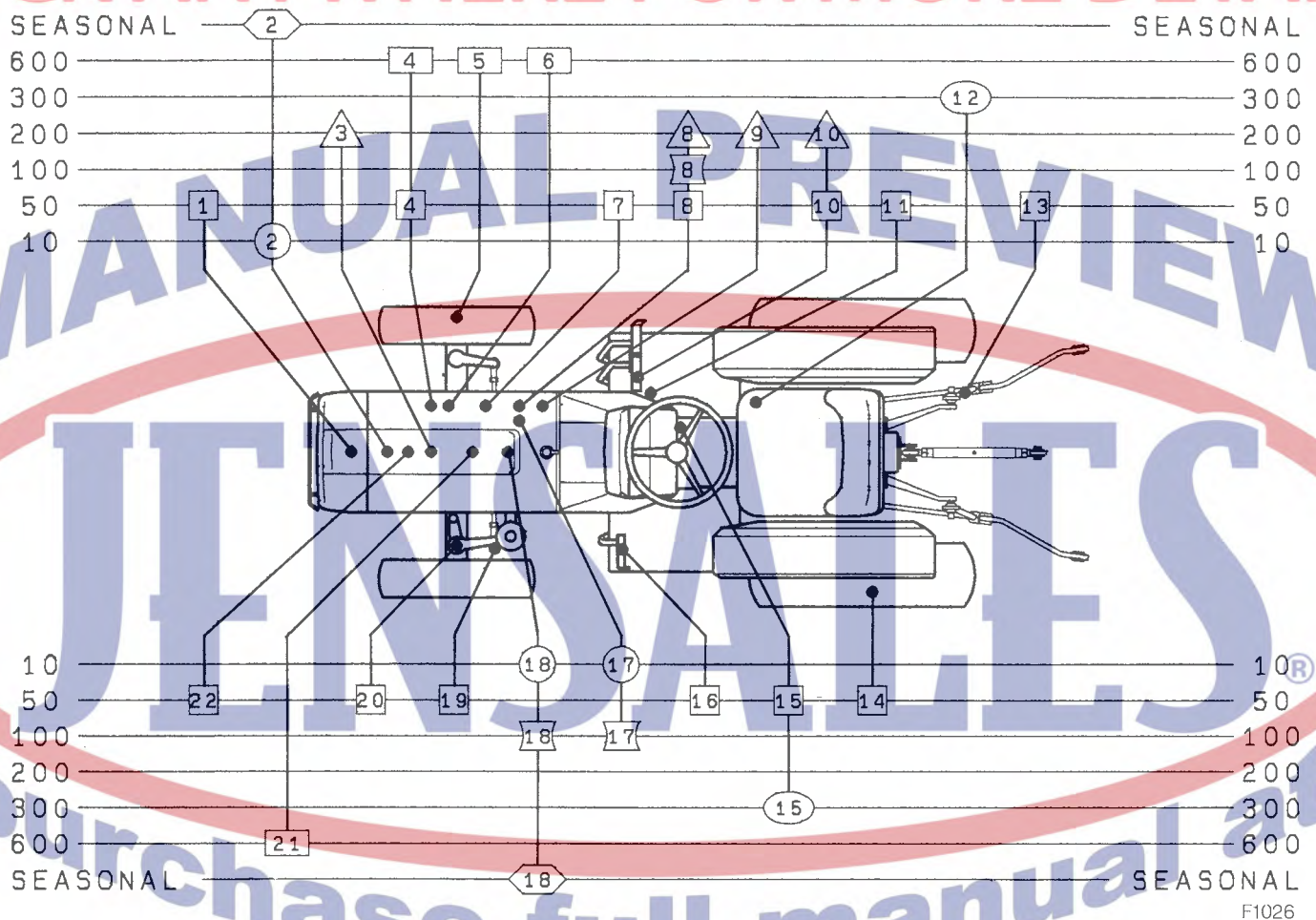
COLD WEATHER STARTING

If the engine fails to start using the preceding warm weather starting procedure or when starting the engine in cold weather :

1. Depress the clutch pedal fully and move the transmission shift and P. T. O. levers to the off and neutral positions.
2. Move the hand throttle forward to the wide-open position.
3. Turn the key switch to "HEAT" to preheat the precombustion chambers and wait until the cold-start aid indicator warning light goes out (approximately 4 seconds).
4. Turn the key switch to the "START" position. When the engine starts, release the key. Check to be sure the warning lights go out.

LUBRICATION AND MAINTENANCE

LUBRICATION AND MAINTENANCE CHART — FORD 1920 TWO-WHEEL DRIVE



NO.	LUBRICATION AND MAINTENANCE ITEMS	CHECK	CLEAN	LUBE	CHANGE	ADJUST	SERVICE INTERVALS	NO.	LUBRICATION AND MAINTENANCE ITEMS	CHECK	CLEAN	LUBE	CHANGE	ADJUST	SERVICE INTERVALS
2	Radiator, Coolant	x					Every	17	Engine Oil				x		Every
17	Engine Oil Level	x					10 Hours or Daily	8	Fuel Filter Element	x					100 Hours
18	Air Cleaner	x						18	Air Cleaner Element	x					
12	Hydraulic Filter				x		First 50 Hours	8	Fuel Filter Element				x		Every
15	Transmission Oil Level	x						9	Engine Oil Filter				x		200 Hours
4	Power Steering Oil Level	x						3	Fan Belt	x				x	
14	Tires	x						10	Brakes					x	
16	Clutch Pedal					x		15	Transmission Oil				x		Every
1	Battery	x						12	Hydraulic Filter				x		300 Hours
8	Fuel Filter				DRAIN		Every	6	Fuel Injectors	x				x	Every
	Lubrication Fittings ;						50 Hours	4	Power Steering Oil				x		600 Hours
19	Steering Linkage			x				5	Front Wheel Bearings			x			
20	Front Wheel Spindles (2)			x				21	Valve Clearance	x				x	
22	Pivot Shaft (2)			x											
16	Clutch Pedal			x				2	Radiator Coolant					x	Seasonal
10	Brake Pedal			x				18	Air Cleaner Element					x	
11	Pedal Shaft			x											
13	3-Point Linkage			x											
7	Power Steering Cylinder			x											