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MANUAL PREVIEW

Massey Harris
Massey Ferguson

Operator's Manual

MF2500

Forklift

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MH-O-MF2500FL

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Fig. 6 — Over-All Views of MF 2500 Forklift

INSTRUMENTS AND CONTROLS

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Fig. 7 — Instruments and Controls — Instant Reverse Model

- | | |
|---|-------------------------------|
| 1. Tachometer | 8. Hand Throttle |
| 2. Oil Pressure Gauge | 9. Ignition - Starter Switch |
| 3. Ammeter | 10. Cigarette Lighter |
| 4. Fuel Gauge | 11. Light Switch |
| 5. Water Temperature Gauge | 12. Brake Pedals |
| 6. Torque Converter Oil Temperature Gauge | 13. Parking Brake Pedal |
| 7. Light Fuse | 14. Forward and Reverse Pedal |

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Refer to Figs. 7 and 8.

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TACHOMETER

The combination tachometer/hourmeter indicates the engine operating speeds in revolutions per minute. The dial is graduated from 0 to 25 and is read in hundreds of revolutions per minute. The hourmeter records the accumulated hours of operation. Use this gauge to determine when periodic services are required.

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SERVICING

This section of the Manual is a guide to help you make minor adjustments and repairs which may be necessary from time to time. When a major overhaul or adjustment, other than the ones described in this section, is necessary, call your authorized MF Dealer. His full value service program, with trained personnel and special equipment, mean true economy and lasting satisfaction to you.

DIESEL FUEL SYSTEM

Replacing the Fuel Filter Element

The fuel filter element helps prevent dirty fuel from entering the injectors. To avoid trouble, the filter element should be replaced every 500 hours, or more often, if necessary.

Before changing the element, turn off the fuel supply at the fuel tank valve (Fig. 35) and THOROUGHLY clean the outside of the filter case. Use genuine MF replacement parts for best results.

1. Drain the fuel from the filter by loosening the drain plug at the filter base.
2. Unscrew the center bolt and remove the agglomerator.



Fig. 35 — Location for Bleeding Fuel System



Fig. 38 — Carburetor Adjustment Locations

Idle Mixture Adjustment

The idle mixture adjusting screw regulates the amount of fuel/air mixture that enters the engine while it is idling.

With the engine idling at normal operating temperature, turn the adjusting screw in until it lightly contacts its seat. Then back screw out 1 to 1-1/4 turns, or until engine idles smoothly at normal temperature.

Idle Speed Adjustment

With the engine idling at normal operating temperature, turn the idle speed adjustment screw until an idle speed of 725-775 rpm is obtained. (Turn screw in to increase; out to decrease idling speed.)

ENGINE AIR CLEANER

The engine air cleaner, located behind the "2500" emblem on the right-hand side, should be replaced yearly or after ten washings, whichever comes first.

To remove the element: (1) remove the "2500" emblem; (2) remove hold-down bar; (3) withdraw element.

Important Air Cleaner Instructions

1. Do not loosen or remove element with engine running. NEVER OPERATE THE ENGINE WITHOUT THE FILTER ELEMENT INSTALLED.

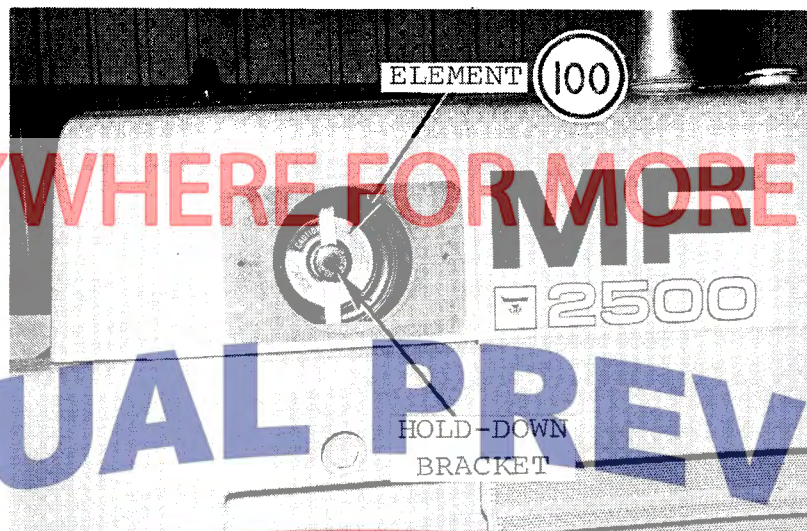


Fig. 39 — Air Filter Element Location

2. The element is of the dry type. Do not oil element. Also, never wash element in gasoline, fuel oil or solvents.
3. If element has been washed, it must be completely dry before it is re-used.
4. Check all air intake hoses for tightness. Replace hoses which are cracked or appear questionable.
5. AVOID IMITATION PARTS. USE ONLY GENUINE MF REPLACEMENT ELEMENTS.

Cleaning the Element

Alternate methods of cleaning are:

1. Direct clean, dry air (at a pressure not exceeding 100 psi) up and down the pleats inside the element. The air must be directed opposite to the normal direction of air flow through the element. Keep air nozzle at least 1 inch away from the element. Continue cleaning until no dust is being removed. Be careful not to damage the element with the air flow.
2. Direct clean, dry air (at a pressure not exceeding 100 psi) up and down the pleats inside the element. Place element in a solution of lukewarm water (100° F) and non-foaming detergent and allow it to soak for 15 minutes. Then rotate element back and forth for several minutes to free element of dirt deposits. Remove element from cleaning solution and thoroughly rinse it with a stream of water (opposite the normal air flow) until rinse water is completely clear. Shake excess water from element and allow it to thoroughly dry before re-using.