



**Massey Harris
Massey Ferguson
Operator's Manual
MF1040**

Operator's Manual

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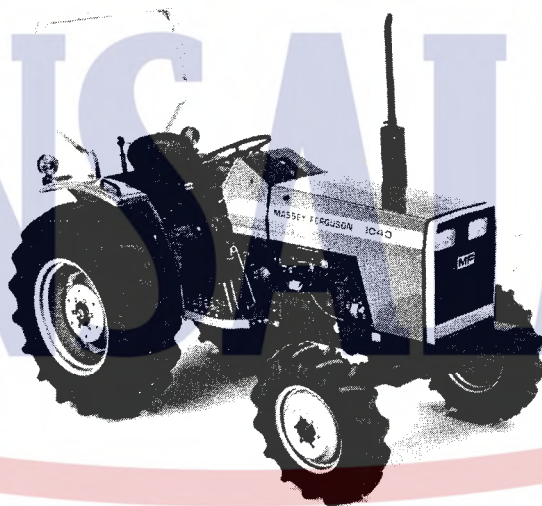
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MH-O-MF1040

Operator's Manual

MF 1040 "STANDARD"



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Lowering Rate Knob

FIG. 39: Adjust lowering rate knob, 1, to achieve desired lowering speed of three-point hitch and implement. Turning knob clockwise will slow descent and counterclockwise will speed up lowering rate. Knob has no effect during implement raising.

Turning knob in fully clockwise to "stop" will hold implement in any position no matter where the position control lever is set.



CAUTION: When working on or around mounted implements, always lower to ground prior to work. If implement must be raised, always block implement and lift links securely.



CAUTION: Before leaving Tractor unattended, lower implement to ground, set brakes, and remove key.

FIG. 40: Three-point linkage provides two positions for connecting top link, 1, to Tractor and attaching vertical lift link, 2, to left lower link.

For implements of heavy draft load, attach top link, 1, in upper hole, A. For implements of lighter draft load and for increased sensitivity attach top link in lower hole, B. Vertical lift link, 2, should be attached to lower lift link, 3, using top hole, C.

Also provided are two holes, D, in each lower link to vary attachment of both vertical lift links to each lower link.

Rear set of holes will provide increased lift capacity of the three-point hitch. Forward set of holes will provide a higher lift height and increased working depth, but lift capacity will be reduced somewhat.



FIG. 39

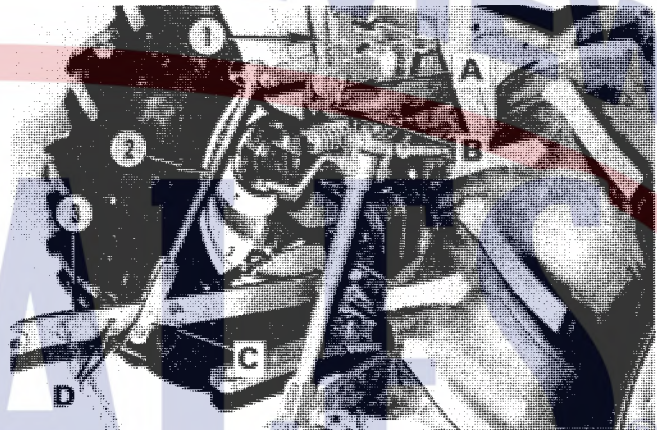


FIG. 40

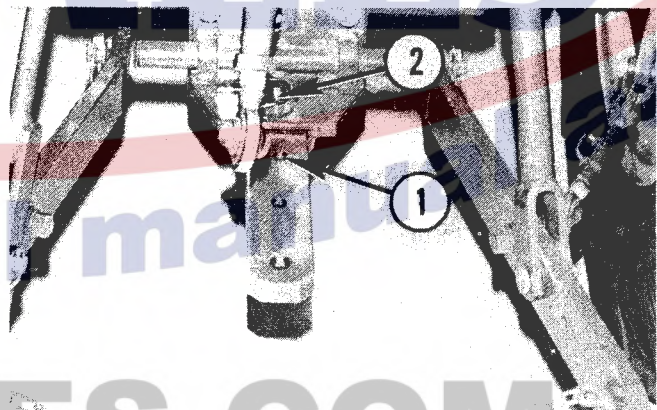


FIG. 41

DRAWBAR

FIG. 41: Drawbar at rear of Tractor allows two alternate drawbar positions, 1 and 2, in drawbar bracket. Remove clip and pin, reposition drawbar to desired position and reinsert pin and clip.

NOTE: When using certain implements mounted on three-point hitch it may be necessary to remove drawbar to improve operating clearance. This is particularly true of mounted implements utilizing PTO drive.

To provide the standard 14" (356 mm) measurement between end of PTO shaft and drawbar pin hole, the drawbar must be secured in the forward hole (drawbar extended) position.

Engine Oil and Filter

Engine oil and filter should be changed in accordance with "Periodic Maintenance Schedule".

FIG. 50: To check engine oil level, Tractor should be parked on level ground. Pull out dipstick, 1, and check that oil level is to "FULL" or "XXX" marking. Wipe off dipstick, momentarily reinstall in engine and check oil level again. Remove fill cap, 2, from valve cover and add oil as required.

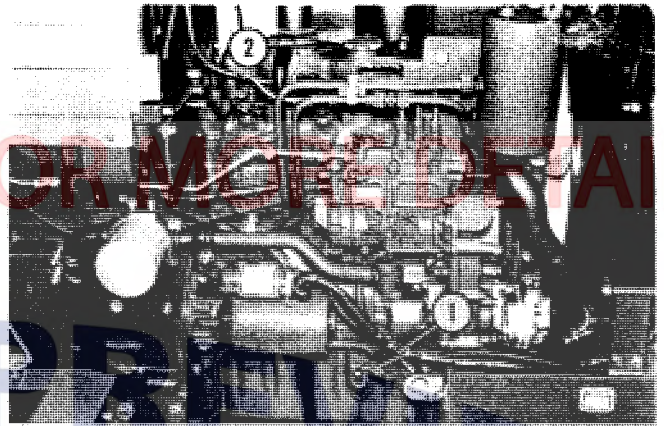


FIG. 50

FIG. 51: To change engine oil, operate Tractor until oil is adequately warmed. Remove drain plug, 3, from engine and allow all oil to drain. Replace drain plug. Fill engine crankcase to full mark on dipstick.



FIG. 51

FIG. 52: To replace engine oil filter, 1, simply unscrew element from engine and discard old element. When new element is installed, ensure original filter gasket has been removed. Lubricate new gasket on replacement element with clean engine oil and screw on new element. Tighten element until gasket contacts adapter and then tighten element 1/2 turn more.

Clean spilled oil and refill crankcase. Start engine, check for leaks and replenish oil level as required.

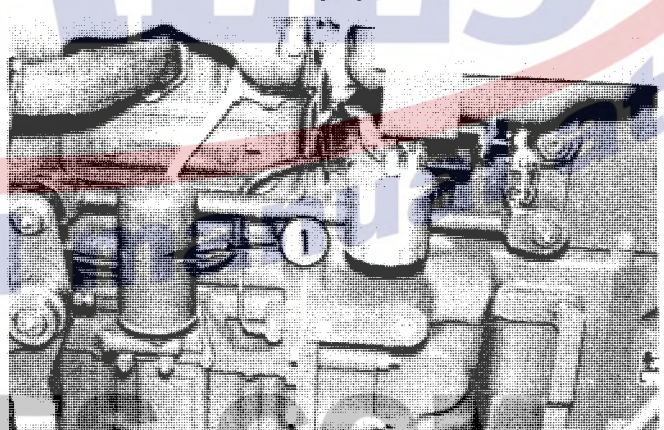


FIG. 52

Transmission Oil & Filters

Transmission oil lubricates transmission, center housing, and rear axles and also serves as hydraulic fluid. Transmission oil and suction filter (Fig. 55) should be changed after first 50 hours of operation and then every 200 hours thereafter. Change return filter (Fig. 56) every 200 hours.

FIG. 53: To check transmission oil level, park Tractor on level ground and remove dipstick, 1. Oil level should be indicated between marks on dipstick.

Oil level is replenished, as necessary, by removing filler plug, 2, and adding oil through fill hole.

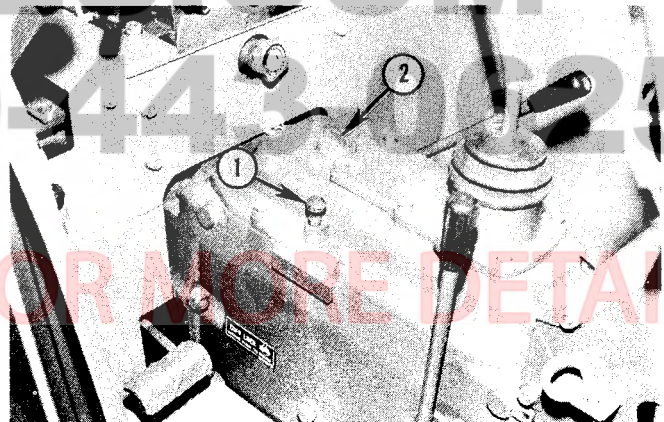


FIG. 53

NOTE: Adding oil to transmission will also maintain correct oil level in center housing and rear axles.

CAPACITIES:

Engine Crankcase with Filter	4.2 U.S. qts. (4.0 litres)
Transmission	10.5 U.S. gals. (40.0 litres)
Fuel Tank	7.9 U.S. gals. (30.0 litres)
Cooling System	8.5 U.S. qts. (8.0 litres)
Front Differential (4-WD Only)	3.1 U.S. qts. (3.0 litres)
Wheel Reduction Units, Each (4-WD Only)	1.9 U.S. qts. (1.8 litres)

TREAD WIDTH SETTINGS:

Front:

2-WD:

Adjustable Axle W/Ag. Tires ("Dished In" Only)	47.8", 51.8", 55.7", 59.6" (1215, 1315, 1415, 1515 mm)
Adjustable Axle W/Turf Tires	48.4", 50.9", 52.4", 54.8", 56.3", 58.7", 60.2", 62.7" (1230, 1292, 1330, 1392, 1430, 1492, 1530, 1592 mm)

4-WD:

W/Ag. Tires ("Dished In" Only)	47.2" (1200 mm)
W/Turf Tires	54.7", 56.2" (1365, 1427 mm)

Rear:

2-WD & 4-WD Adjustable Wheels W/Ag. Tires	45.3", 49.2", 51.2", 54.9", 59.8", 63.6" (1150, 1250, 1300, 1395, 1520, 1615 mm)
2-WD & 4-WD W/Turf Tires: ("Dished Out" Only)	50.5" (1283 mm)

DIMENSIONS (May vary slightly due to tire size):

Overall Length	114.9" (2920 mm)
----------------------	------------------

Overall Height Over Steering Wheel:

2-WD	60.0" (1525 mm)
4-WD	60.4" (1535 mm)

Overall Height, Over Vertical Exhaust:

2-WD	84.1" (2135 mm)
4-WD	85.0" (2160 mm)

Overall Height Over ROPS

87.5" (2222 mm)

Wheel Base:

2-WD	69.9" (1775 mm)
4-WD	68.9" (1750 mm)

Minimum Ground Clearance:

2-WD (Under Transmission)	14.0" (356 mm)
4-WD (Under Front Axle)	15.0" (380 mm)

Weight (Including Fuel, Oil, and Battery):

2-WD	3180 lbs. (1442 kg)
4-WD	3500 lbs. (1588 kg)

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