



CLICK ANYWHERE FOR MORE DETAILS

MANUAL PREVIEW

Massey Harris

Massey Ferguson

Operator's Manual

MF20C

Tractor with Loader

JENSALES.COM

or Call 800-443-0625

JENSALES

CLICK ANYWHERE FOR MORE DETAILS

THIS IS A MANUAL PRODUCED BY JENSALES INC. WITHOUT THE AUTHORIZATION OF
MASSEY HARRIS MASSEY FERGUSON OR IT'S SUCCESSORS. MASSEY HARRIS MASSEY FERGUSON AND IT'S SUCCESSORS
ARE NOT RESPONSIBLE FOR THE QUALITY OR ACCURACY OF THIS MANUAL.

TRADE MARKS AND TRADE NAMES CONTAINED AND USED HEREIN ARE THOSE OF OTHERS,
AND ARE USED HERE IN A DESCRIPTIVE SENSE TO REFER TO THE PRODUCTS OF OTHERS.

MH-O-MF20C

Operator's Manual

CONTENTS

PAGE

SECTION 1

GENERAL DATA	1-2
--------------------	-----

SERIAL NUMBERS	1-2
----------------------	-----

Tractor	1-2
---------------	-----

Engine	1-2
--------------	-----

Transmission	1-2
--------------------	-----

Rear Axle	1-2
-----------------	-----

Loader	1-5
--------------	-----

SPECIFICATIONS	1-5
----------------------	-----

Tractor	1-5
---------------	-----

Engine	1-5
--------------	-----

Electrical System	1-6
-------------------------	-----

Power Train	1-6
-------------------	-----

Steering	1-7
----------------	-----

Hydraulic System	1-7
------------------------	-----

Power Take-Off	1-7
----------------------	-----

Tractor Ground Speeds	1-7
-----------------------------	-----

Dimensional Data	1-8
------------------------	-----

Weights	1-8
---------------	-----

Tractor/Loader	1-8
----------------------	-----

SECTION 2

DESCRIPTION OF MACHINE	2-2
------------------------------	-----

SECTION 3

INSTRUMENTS AND CONTROLS	3-3
--------------------------------	-----

Engine Coolant Temperature Gauge	3-3
--	-----

Engine Oil Pressure Gauge	3-3
---------------------------------	-----

Ammeter Gauge	3-3
---------------------	-----

Fuel Gauge	3-4
------------------	-----

Hand Throttle	3-4
---------------------	-----

Light Switch	3-4
Starter Switch	3-4
Fuel Control	3-4
Clutch Pedal	3-7
Brake Pedals	3-7
Brake Pedal Latch	3-7
Accelerator Pedal	3-7
Transmission Control Levers	3-8
PTO Control Lever	3-8
Differential Lock Control	3-11
Hydraulic Controls	3-11
Seat Adjustment	3-12
Loader Control	3-12
Accessories	3-16

CLICK ANYWHERE FOR MORE DETAILS

MANUAL PREVIEW

SECTION 4

OPERATION	4-3
Before Operation Inspection	4-3
Starting Engine	4-4
Operating Tractor	4-4
Stopping Tractor	4-7
Power Take-Off	4-7
3-Point Hitch	4-11
Hydraulic System	4-12
Draft Control	4-12
Response Control	4-15
Position Control	4-15
Auxiliary Control Valve	4-16
Loader Operation	4-21
SMV Sign and Warning Lights	4-21

purchase full manual at

JENSALES.COM

or Call 800-443-0625

CLICK ANYWHERE FOR MORE DETAILS

SECTION 5

MAINTENANCE	5-1
Lubricants and Capacities	5-1
Fuel Specifications	5-3
Preventive Maintenance Schedule	5-4
Daily or 10 Hours	5-4
Weekly or 50 Hours	5-5
Monthly or 250 Hours	5-5
500 Hours or 3 Months	5-6
1000 Hours or 6 Months	5-6
2000 Hours or Annually	5-7
Lubrication Diagram	5-8
Engine Air Cleaner	5-12
Battery	5-15
Fan Belt	5-15
Power Steering	5-16
Fuel Filter (Diesel)	5-20
Air Bleeding Fuel System	5-23
Low Idle Speed Adjustment	5-24
Engine Crankcase	5-24
Engine Oil Filter	5-24
Engine Cooling System	5-27
Clutch	5-27
Brakes	5-27
Transmission	5-28
Carburetor	5-31
Fuel Filter (Gasoline)	5-31
Spark Plugs	5-32
Distributor	5-32
Loader Hydraulic Reservoir	5-35
Oil Filter	5-36
Changing Oil	5-36
Suction Filter	5-39
Cleaning Muffler	5-40
Wiring Diagram	5-44
Fuse Holders	5-52
Light Switch Positions	5-52
Tires	5-52
Fault Finding Chart	5-55

JENSALES.COM
or Call 800-443-0625

SECTION 5

MAINTENANCE

LUBRICANTS AND CAPACITIES

When refilling tractor components use dipsticks and level plugs for regulating lubricant levels. Listed capacities are approximate and are to be used as a guide only.

ENGINE CRANKCASE

Use Massey-Ferguson Multiguard®, or equivalent MIL-L-46152 (supersedes MIL-L-2104B) qualified, engine crankcase oil suitable for API Service CC/SE.

Above 90° F.	SAE 30
32° F. to 90° F.	SAE 20W/20
Below 32° F.	SAE 10W

Crankcase Capacity:

Diesel	6-1/2 U.S. qts.
Gasoline	6 U.S. qts.

TRANSMISSION, DIFFERENTIAL AND INTERNAL HYDRAULICS

Capacity	10 U.S. gals.
Use Massey-Ferguson Specification M-1120A.	

POWER STEERING SYSTEM

Capacity	Approx. 2 qts.
Use Massey-Ferguson Specification M-1129A.	

JENSALES.COM

or Call 800-443-0625

CLICK ANYWHERE FOR MORE DETAILS

LOADER HYDRAULIC SYSTEM

Capacity Approx. 12.5 gals.

Use MF Multiguard®, SAE 10W, or an equivalent engine crank-case oil with API Service Classification of SE/CC that meets MIL-L-46152 requirements (supersedes MIL-L-2104B).

COOLING SYSTEM

Capacity Approx. 10 U.S. qts.

Use Massey-Ferguson Specification M-1130, to protect system against freezing temperatures.

LUBRICATING GREASE

Use Massey-Ferguson Specification M-1105, unless specified otherwise.

Fuel Tank 14 U.S. gals.

MANUAL PREVIEW

JENSALES®

purchase full manual at

JENSALES.COM
or Call 800-443-0625

CLICK ANYWHERE FOR MORE DETAILS

CLICK ANYWHERE FOR MORE DETAILS

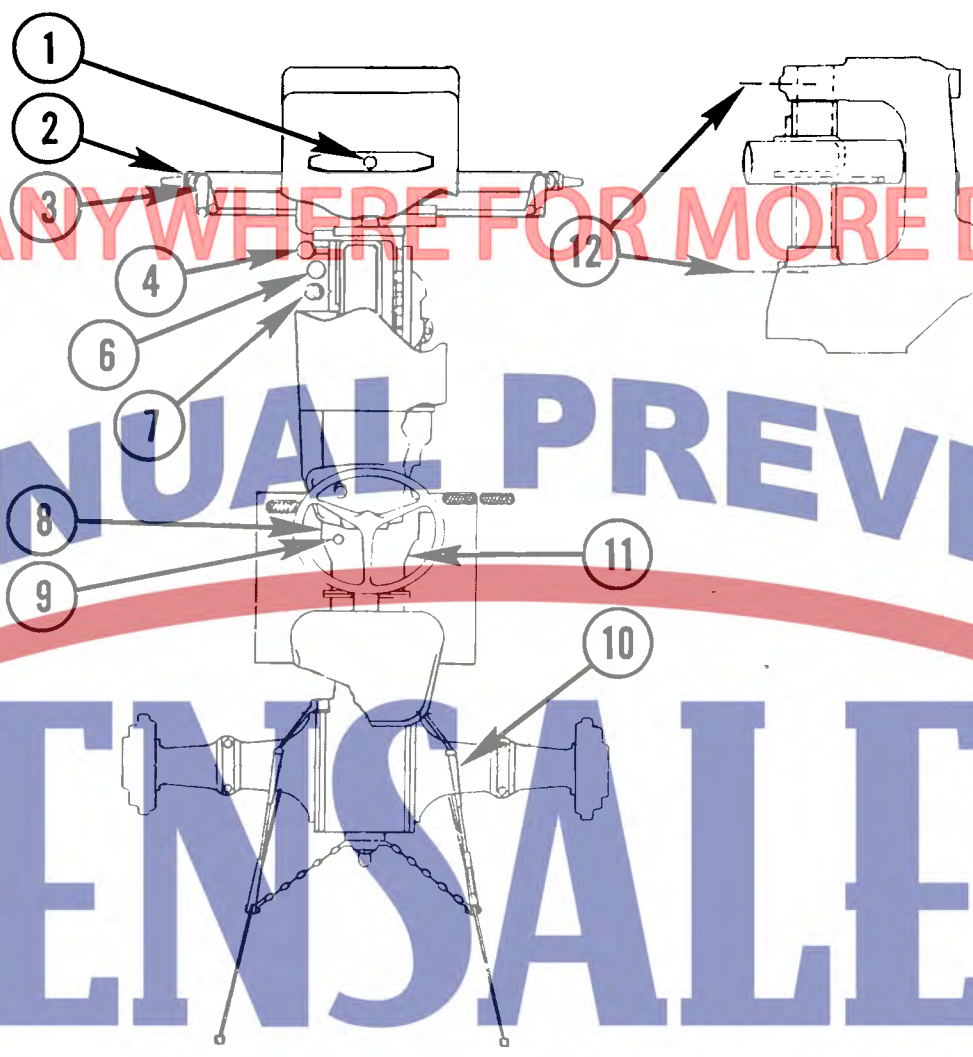


FIG. 5-1

purchase full manual at



FIG. 5-2

CLICK ANYWHERE FOR MORE DETAILS

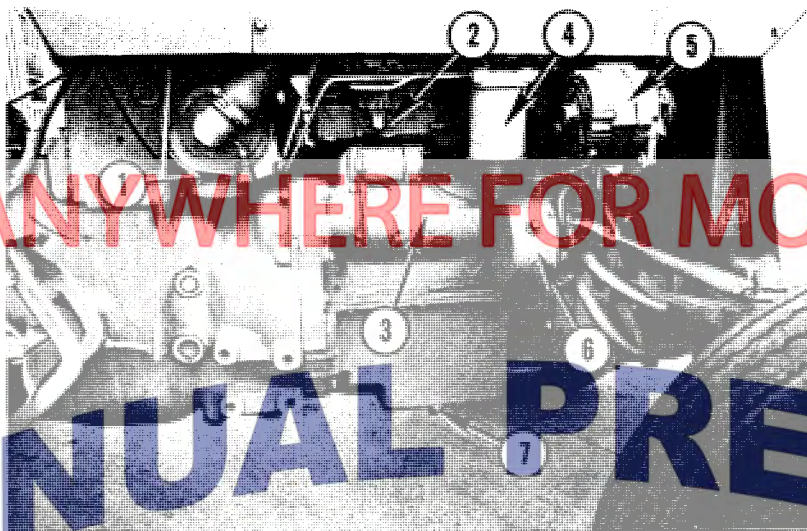


FIG. 5-3

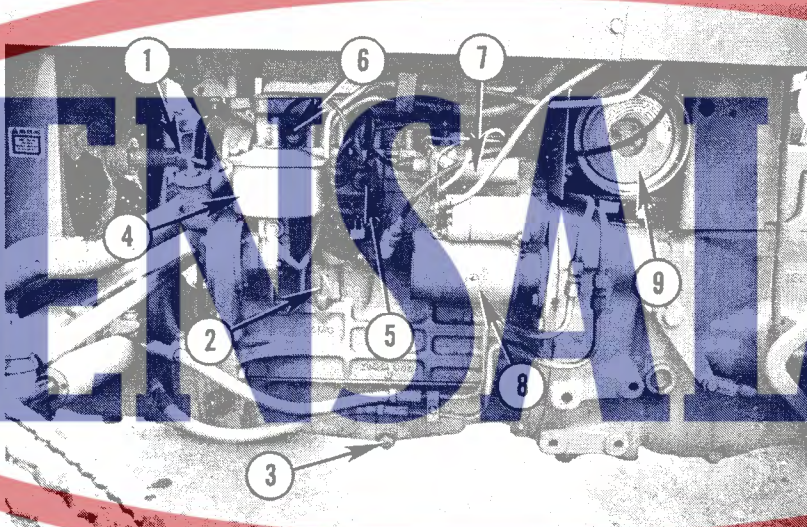


FIG. 5-4



FIG. 5-5

CLICK ANYWHERE FOR MORE DETAILS

MANUAL PREVIEW

JENSALES®

purchase full manual at

JENSALES.COM

or Call 800-443-0625

CLICK ANYWHERE FOR MORE DETAILS