

CONDENSED SERVICE DATA

GENERAL	MF75-MF130	TUNE-UP (Cold)	MF75-MF130
Engine Make	Perrins	Power Take-Off	
Engine Model	A4.107	High Idle	750 rpm
Number of Cylinders	4	Loaded	700 rpm
Bore-Inches	3 1/4	Maximum PTO Push*	25.5
Stroke-Inches	3 1/2	*Manufacturer's Rating	
Displacement-Cubic Inches	107	Hydraulic System	
Main Bearings, Number of	3	Maximum Pressure	2000 psi
Cylinder Sleeves	Wet	Rated Delivery	3.5 gpm
Forward Speeds	8		
Reverse Speeds	2		
		SIZES - CAPACITIES - CLEARANCES	
		(Clearances in Thousandths)	
TUNE-UP		Crankshaft Journal Diameter	2.348
Firing Order	1-3-4-2	Crankpin Diameter	1.9995
Valve Tappet Gap (Cold)	0.013	Crankshaft Journal Diameter	
Valve Face Angle	44°	Front	1.791
Valve Seat Angle	45°	Center	1.791
Seat Tinding	18° BTC	Rear	1.773
Timing Location	See Pict. 45	Crankshaft Bearing Clearance	
Battery		Main Bearings	2.0-2.5
Volts	12	Crankpin	1.5-3.0
Capacity Amp/Hr.	90	Crankshaft End Play	3-9
Ground Polarity	Neg.	Piston to Cylinder Clearance	4-6
Injectors		Crankshaft Bearing Clearance	
Type	Pinde	Front	3-4.5
Opening Pressure	1985 psi	Center	3-6
Governed Speeds		Rear	3-5
Engine		Cooling System-Qts.	8
Low Idle	550 rpm.	Crankcase-Qts.	4
High Idle	2150 rpm	Transmission, Differential	
Loaded	2000 rpm	& Hydraulic Lift-Qol.	5
		Steering Gear-Qts.	5 1/2
		Planetary Final Drive-Qts.	9 1/2

FRONT SYSTEM

ADLH ASSEMBLY

All Models

1. On all models, front axle and support assembly can be removed as a unit after supporting front of tractor and removing the grille, hood, side panels and radiator.

On Model MF25, the front support (3-Fig. 1) bolts to upper side of engine frame (1). On Model MF10, the one-piece cast support (5-Fig. 2) is bolted to oil pan and an engine frame is not used.

Pivot pin (4-Fig. 1) is retained by snap rings on Model 25 and by a set screw on Model MF120. The front support contains renewable pivot bushings.

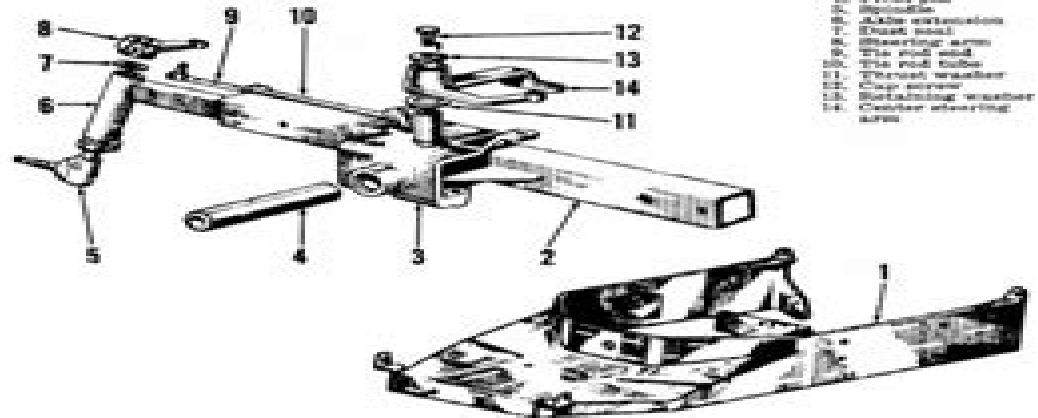


Fig. 1—Exploded view of engine frame, front axle, front support and associated parts used on Model MF25. Axle is similar on Model MF10, but cast from support bolts to cast iron oil pan and engine frame is not used. Refer to Fig. 2.

SPINDLES AND BUSHINGS

Abstract

2. Each axle extension (6—Fig. 1) contains two renewable bushings which may be final sized, if necessary, to provide 0.0035–0.005 clearance for the spindle.

Massey Ferguson Tractor 130 Workshop Service Manual

SJ Ball



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Chilton's Auto Repair Manual ,1954 **Progressive Farmer** ,1998 *AMJ, Agricultural Machinery Journal* ,1987 *The New Farm* ,1983 **MF 40 Tractor/digger/loader Workshop Service Manual** Massey-Ferguson (Aust.) Ltd, 1979* *I & T Shop Service* , **Farmers and Consumers Market Bulletin** ,2011 **MF 135/148 Tractor Workshop Service Manual** ,1985 *Popular Mechanics* ,1944-11 Popular Mechanics inspires instructs and influences readers to help them master the modern world Whether it s practical DIY home improvement tips gadgets and digital technology information on the newest cars or the latest breakthroughs in science PM is the ultimate guide to our high tech lifestyle *Cars & Parts* ,1988 **Massey-Ferguson MF 135, 165, 175 Tractors** Massey-Ferguson Ltd, 196? **California Farmer** ,1994 **Public Works** ,1972 **Massey-Ferguson Agricultural Tractors Workshop Service Manual** Massey-Ferguson Ltd, 197? **Western Farm Equipment** ,1958

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