

INTRODUCTION

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INTRODUCTION

This Workshop Manual which is in loose leaf form for easy amendment, has been compiled to assist Massey-Ferguson Distributor and Dealer personnel to undertake routine maintenance and servicing, minor and major repairs, replacements, adjustments and out of season storage efficiently by the most straight forward method.

With this aim in mind, the Manual is divided into parts and sections, and each page bears a part and section number. This will make it easier to find and the numerous cross reference.

All Massey-Ferguson replacements have the full backing of the factory warranty.

Massey-Ferguson Distributors and Dealers are obliged to supply only genuine service parts.

Special Tools

The use of special tools mentioned in the text contributes to an efficient and profitable repair. Some operations are, in fact, impracticable without their use, particularly those, for example, which deal with the assembly of the differential unit. Distributors are therefore urged to check their tools against order those necessary from: Ltd., London Road, Daventry,

REPAIRS AND REPLACEMENTS

When service parts are required it is essential that only genuine Massey-Ferguson replacements are used. Attention is particularly drawn to the following points concerning repairs and the fitting of replacement parts and accessories.

Safety features embodied in the tractor may be impaired if other than genuine parts are fitted.

In certain territories, legislation prohibits the fitting of parts not to the tractor manufacturers specification.

Torque wrench setting figures given in the Workshop Manual must be strictly adhered to. Locking devices, where specified must be fitted. If the efficiency of a locking device is impaired during removal it must be renewed.

The tractor warranty may be invalidated by the fitting of other than genuine Massey-Ferguson parts.

Schedule of Repair Operations

The operations listed in the Repair Time Schedule refer to those described in this manual. The time set against each operation in the schedule is evolved by performing the actual operations on a standard tractor using special tools where stated. The Repair Time Schedule for use with this manual, is issued as a separate publication.

NOTE - SERVICE INFORMATION SHEETS AMENDMENT SHEETS AND REPAIR TIME SCHEDULES ARE ISSUED TO THE MASSEY-FERGUSON DISTRIBUTORS AND DEALERS ONLY AND ARE NOT FOR GENERAL PUBLICATION

Service Tools and Equipment

Where the use of a Service Tool is specified in an operation the tool number will be shown under the operation heading and also following the instruction requiring its use.

AMENDMENTS

AMENDMENTS

To assist in identifying amendments on revised pages, two asterisks (**) or stars will be inserted at the beginning and the end of the amended paragraph, section, instruction or illustration.

To ensure that a record of amendments to this manual is available, this page will be re-issued with each set of revised pages. The amendment number, date of issue, appropriate instructions and revised page numbers will be quoted.

Revised pages must be inserted in place of existing pages carrying the same number and the old page discarded.

Additional pages or complete major assembly groups may be issued. In such cases the new pages must be inserted immediately following the existing pages carrying the next lowest number. Where the new pages are to be inter-leaved with existing pages, the new page numbers will carry a suffix letter, and these pages must be inserted as indicated by their numbers and suffixes.

Amendment No.	Date	Pages Issued

MF 135 AND MF 148 TRACTORS

Publication Numbers 1856 027 M1 and 1856 002 M1

The following amendment should be applied by hand to the pages indicated.

Page No.	Operation No.	Issue	Amendment
4B-06	4B-05-06	1	Delete from Item 3, Removal "centre thrust washer (53)". Delete from Item 4, Refitment "and thrust washer (53)".
4B-08	Fig. 14	1	Delete the thrust washer and the reference '53'.
4B-13	4B-11-10	1	Delete from Item 38, Disassembly "centre thrust washer (53)".
4B-14	4B-11-10	1	Delete from Item 21, Refitment "and thrust washer (53)".
7B-26	7B-13-26	1	Amend the torque figures in Item 5 to read "3,5 kg·m (25 lb ft)".

The following additional information should be attached to page 4B-10.

MULTI-POWER REGULATOR VALVE

(From Serial Numbers – MF 135 – 404918
MF 148 – 600004)

Servicing

Special Tools Required – See operation 4B-03-05.

Disassembly

1. Remove the p.t.o. input housing as stated in operation 4B-03-05.
2. After removing the regulator from the input housing, remove the plug, adjacent to the feed pipe adapter, spring and ball.
3. Withdraw the large spool.
4. Remove the other plug washer, spring and spool.

Reassembly

1. Fit a new 'O' ring to the large spool.
2. Slide the spool into the spool block, then refit the ball, spring and plug.
3. Refit the small spool, spring, new washer and plug.
4. Tighten the plug to 2,75 kg m (20 lb ft).
5. Refit the p.t.o. input housing and p.t.o. input shaft as stated in operation 4B-03-05.



Thank you very much
for your reading.
Please click here
to get more information.