TECHNICAL MANUAL

OPERATOR'S, ORGANIZATIONAL, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE MANUAL INCLUDING REPAIR PARTS LIST

FOR

BORING MACHINE, ENGINE CYLINDER
MODEL FL
(NSN 4910-00-223-9734)
(KWIK-WAY MANUFACTURING CO.)

H E A D Q U A R T E R S , D E P A R T M E N T O F T H E A R M Y
AUGUST 1981

Technical Manual
No. 9-4910-638-14&P

HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington, DC, 21 *August 1981*

OPERATOR'S, ORGANIZATIONAL, DIRECT SUPPORT AND GENERAL SUPPORT MAINTENANCE MANUAL INCLUDING REPAIR PARTS LIST FOR BORING MACHINE, ENGINE CYLINDER MODEL FL (NSN 4910-00-223-9734)

REPORTING OF ERRORS

You can help improve this manual. If you find any mistakes or if you know of a way to improve the procedures, please let us know. Mail your letter, DA Form 2028 (Recommended Changes to Publications and Blank Forms), or DA Form 2028-2, located in the back of this manual direct to: Commander, US Army Armament Materiel Readiness Command, ATTN: DRSAR-MAS, Rock Island, IL 61299. A reply will be furnished directly to you.

NOTE

This manual is published for the purpose of identifying an authorized commercial manual for the use of the personnel to whom this boring machine is issued.

Manufactured by: **KWIK-WAY MANUFACTURING COMPANY**
500 57th Street
Marion, IA 52302

Procured under Contract No. DAAA09 76-C-6568

This technical manual is an authentication of the manufacturers' commercial literature and does not conform with the format and content specified in AR 310-3, Military Publications. This technical manual does, however, contain available information that is essential to the operation and maintenance of the equipment.

INSTRUCTIONS FOR REQUISITIONING PARTS

NOT IDENTIFIED BY NSN

When requisitioning parts not identified by National Stock Number, it is mandatory that the following information be furnished the supply officer.

1 - Manufacturer's Federal Supply Code Number - 11140

2 - Manufacturer's Part Number exactly as listed herein.

3 - Nomenclature exactly as listed herein, including dimensions, if necessary.

4 - Manufacturer's Model Number - "FL"

5 - Manufacturer's Serial Number (End Item)

6 - Any other information such as Type, Frame Number, and Electrical Characteristics, if applicable.

7 - If DD Form 1348 is used, fill in all blocks except 4,5, 6, and Remarks field in accordance with AR 725-50.

Complete Form as Follows:

(a) In blocks 4, 5, 6, list manufacturer's Federal Supply Code Number -11140 followed by a colon and manufacturer's Part Number for the repair part.

(b) Complete Remarks field as follows:
Noun: (nomenclature of repair part)
For: NSN: 4910-00-223-9734
Manufacturer: Kwik-Way Manufacturing Company

Model: "FL"
Serial: (of end item)

Any other pertinent information such as Frame Number, Type, Dimensions, etc.

DESCRIPTION

Description of the model FL cylinder boring machine is as follows:
Capacity 3.1/2" thru 7-1/2", Length 18", Size 2.
Additional descriptive material will be found throughout the Manual.

OPERATION

Detailed operation instructions covering the model FL cylinder boring machine will be found in the manual, pages 3 thru 23.

REPAIR

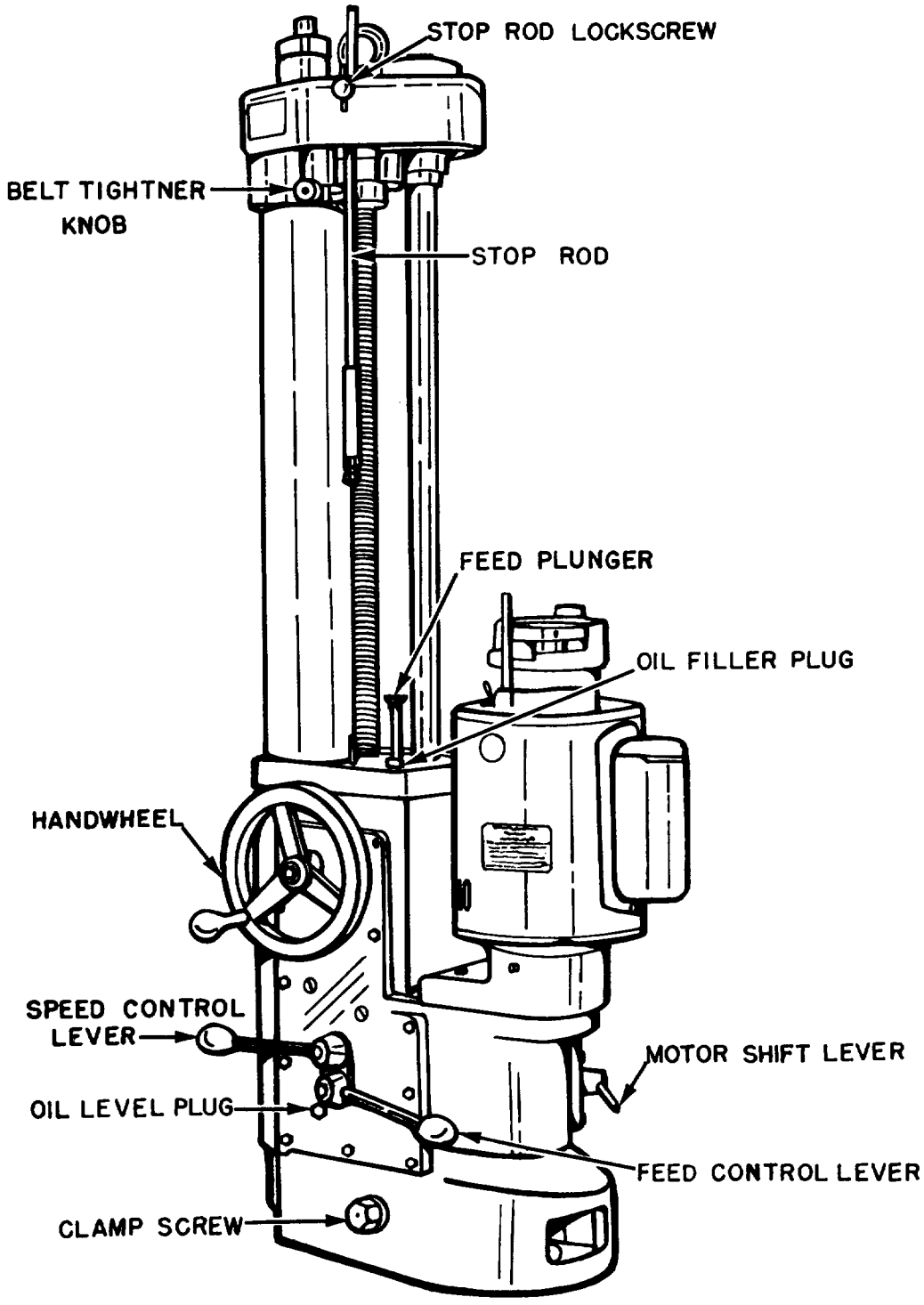
Normal maintenance procedure and detailed adjustment instructions are fully covered in the manual.

TROUBLESHOOTING

Detailed troubleshooting procedures are dealt with in the Manual in the last section on page 15 and on pages 16 thru 19 inclusive.

PARTS LIST

A complete listing of replacement parts will be found on pages 24 thru 53 in the manual laid out in an assembly orientated manner for easy and positive identification.


STOP ROD LOCKSCREW
BELT TIGHTNER KNOB
STOP ROD
FEED PLUNGER
OIL FILLER PLUG
HANDWHEEL
SPEED CONTROL LEVER
MOTOR SHIFT LEVER
OIL LEVEL PLUG
FEED CONTROL LEVER
CLAMP SCREW