

CRANE, TRUCK-MOUNTED

BRIDGE ERECTOR, HYDRAULIC-

OPERATED, HEIL

MODEL M-11-A

WAR DEPARTMENT TECHNICAL MANUAL TM 5-8064

CRANE, TRUCK-MOUNTED BRIDGE ERECTOR, HYDRAULIC OPERATED, HEIL, MODEL M-11-A



WAR DEPARTMENT

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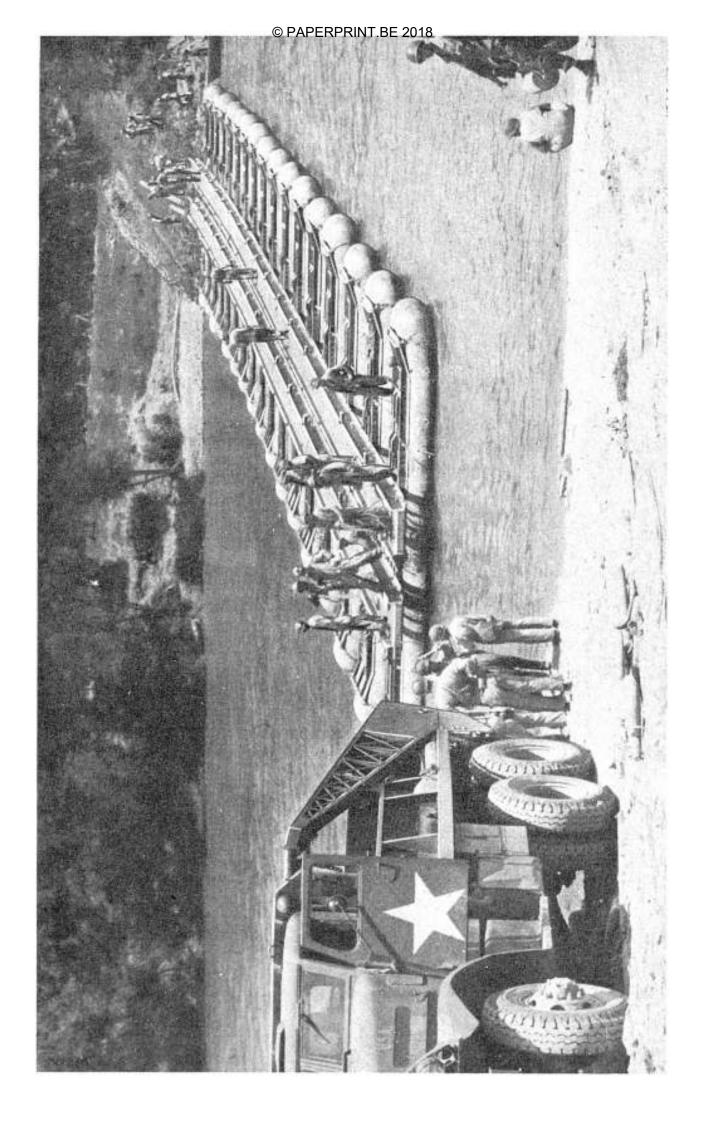
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For explanation of symbols see FM 21-6.

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OPERATION SECTION



Figure 1. Hydraulic Bridge Erecting Crane with Typical Load

1. DESCRIPTION OF TRUCK BODY AND HYDRAULIC CRANE M-II-A

a. PRELIMINARY INSTRUCTIONS

- (1) This Operating and Maintenance manual has been prepared as a guide to the proper operating and maintenance procedure for the Steel Treadway Bridge Hydraulic Crane, M-II-A. Instructions in this manual do not apply to the truck chassis—consult the truck manual for information applying to the truck itself, and the front-mounted winch.
- (2) The use of hydraulic cylinders to operate the crane gives smooth operation with simplified control. With practice and complete mastery of these instructions, this unit can be operated and maintained by anyone who can operate and maintain a truck.
- (3) Proper lubrication and proper oil in the hydraulic system in sufficient quantity is vitally important. All oil leaks in the system must be promptly stopped. Before operating this unit be sure that it has been properly lubricated as explained by Figures 33, 34, and 35, Lubrication Charts. These charts show the location and type of lubricating fittings, the correct lubricating intervals, and the proper grade of lubricants for various operating conditions.
- (4) The operator should study this manual carefully before attempting to operate a unit so that he is familiar with the operation of the crane.

OPERATIONS SECTION

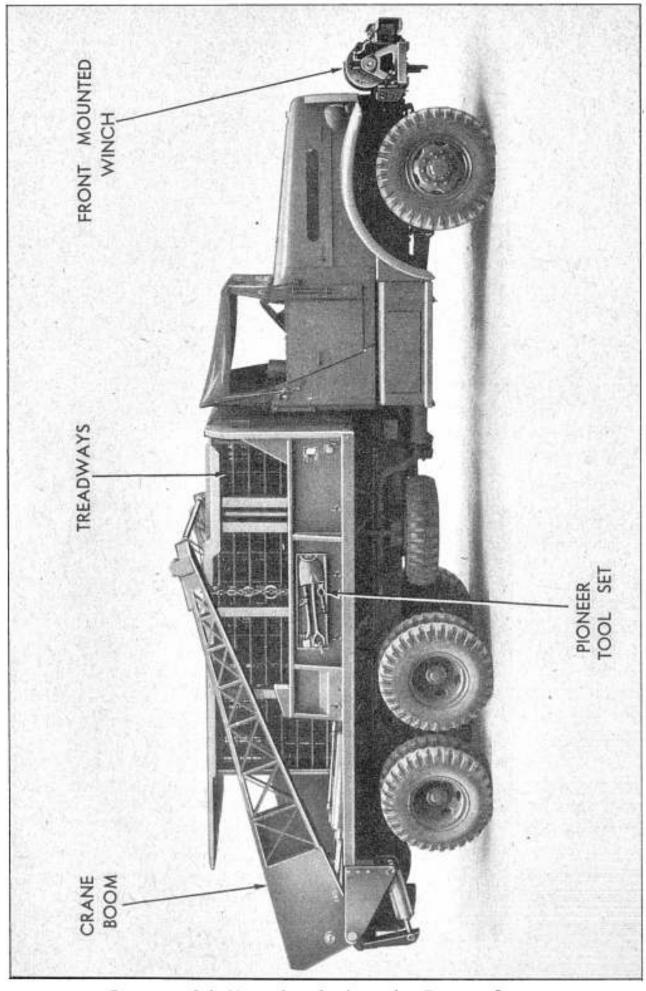


Figure 2. Side View of Hydraulic Bridge Erecting Crane