

TM 9-4910-710-14&P

TECHNICAL MANUAL

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

FOR

TRUCK LIFT, WHEEL
MODEL 80-G
(HEIN-WERNER CORP.)
(NSN 4910-00-554-5983)

HEADQUARTERS, DEPARTMENT OF THE ARMY

APRIL 1981

Technical Manual }
No. 9-4910-710-14&P }

HEADQUARTERS
DEPARTMENT OF THE ARMY
Washington, DC, 30 April 1981

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REPORTING ERRORS AND RECOMMENDING IMPROVEMENTS

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 truck wheel lift is issued.

Manufactured by: Hein-Werner Corp.
1200 National Ave.
Waukesha, WI 53187

Procured under Contract No. DAAA09-79-C-4062

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 - 28047
- 2 - Manufacturer's Part Number exactly as listed herein.
- 3 - Nomenclature exactly as listed herein, including dimensions, if necessary.
- 4 - Manufacturer's Model Number - Model 80-G
- 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 - 28047 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: 4910-00-554-5983
Manufacturer: Hein-Werner Corp.

Model: 80-G
Serial: (of end item)

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

INTRODUCTION

The model 80-G wheel dolly is a lifting device designed to facilitate the removal and installation of heavy dual or single wheel assemblies on such vehicles as trucks and buses. A hydraulic jack raises the carriage assembly of the wheel dolly up to the wheel after the vehicle has been raised and properly supported. A large adjusting screw located above the rear caster provides exact tilt positioning of wheels. The lift arms roll on oilite bearings to make wheel rotation effortless. Complete maneuverability of the wheel dolly is provided by large rubber tired casters.

DIMENSIONAL DATA

Capacity	1500 lbs.	Lifting roller length	30"
Hydraulic lift	5 1/2"	Lifting arm spread	24"
Extension screw adjustment	1 3/4"	Caster diameter	4"
Chassis height	29 3/4"	Net weight	150 lbs.
Chassis width	37 1/2"	Wheel diameter range	9.00 x 16
Chassis length	39 3/4"		to 14.00 X 24

LUBRICATION INSTRUCTIONS

1. Keep wheel dolly clean and well lubricated. Every part of this wheel dolly has been accurately machined and assembled, but frequent lubrication is necessary.
2. Lubricate carriage rollers, lift arm rollers, casters and caster wheels regularly with SAE 30 weight motor oil or equivalent.

OPERATING INSTRUCTIONS



1. DO NOT USE HYDRAULIC BRAKE FLUID. USE ONLY HYDRAULIC FLUID MIL-H-6083.
2. MODEL 80-G WHEEL DOLLY IS NOT DESIGNED TO LIFT VEHICLE, AND MUST BE USED TO LIFT ONLY THE WHEEL ASSEMBLY.
3. LIFT VEHICLE WITH APPROPRIATE LIFTING DEVICE, AND SUPPORT VEHICLE WITH SAFETY STANDS (TRESTLES, MOTOR VEHICLE) BEFORE STARTING WORK, INSPECTION, OR GETTING UNDER VEHICLE FOR ANY REASON.