

SHOP MANUAL

D40A,P-1
D45A,P,S-1

BULLDOZERS
DOZER SHOVEL

MACHINE MODEL & SERIAL NO.

D45A-1 1504 and up
D45P-1 1501 and up
D45S-1 1501 and up
D40A-1 1501 and up
D40P-1 1501 and up

GENERAL DESCRIPTION

- 01 INTRODUCTION
- 02 GENERAL INSTRUCTIONS

**GENERAL
DESCRIPTION**

ENGINE

- 03 CONSTRUCTION AND FUNCTION, TESTING
AND ADJUSTING, TROUBLE SHOOTING
- 04 DISASSEMBLY AND ASSEMBLY
- 05 STANDARD FOR MAINTENANCE

ENGINE

ELECTRICAL SYSTEM

- 06 ELECTRICAL SYSTEM

**ELECTRICAL
SYSTEM**

POWER TRAIN

- 07 CONSTRUCTION AND FUNCTION, TESTING
AND ADJUSTING, TROUBLE SHOOTING
- 08 DISASSEMBLY AND ASSEMBLY
- 09 STANDARD FOR MAINTENANCE

POWER TRAIN

HYDRAULIC CONTROL

- 10 CONSTRUCTION AND FUNCTION, TESTING
AND ADJUSTING, TROUBLE SHOOTING
- 11 DISASSEMBLY AND ASSEMBLY
- 12 STANDARD FOR MAINTENANCE

**HYDRAULIC
CONTROL**

GEAR PUMP

- 13 GEAR PUMP

GEAR PUMP

SERVICE STANDARDS

A sectional drawing of the machine part is prepared and each pertinent part requiring service standards is described by the number in the drawing and in the Table.

No.	Check Item	Criteria				Remedy
		Basic Size	Tolerance		Standard Clearance	
Shaft	Hole					

MEANING OF SPECIAL WORDS

Standard Clearance

This is range of clearance specified for two new parts assembled together. When the machine has been reconditioned, every clearance must be adjusted to its standard clearance.

Service Limit

This is the limit of the size of a part restricting use of the worn or distorted part in excess of this limit. All parts exceeding the repair limit must be replaced or repaired, whichever is specified.

Clearance Limit

This is the limit of clearance between parts restricting use of the worn parts in excess of this limit. All parts exceeding the clearance limit must be replaced or repaired, whichever is specified.

Turning Limit

This limit is applied only to the track link pitches. As long as any link remains within the turning limit, the link can be reconditioned by turning over its bushing and pin.

SHOP MANUAL

D40,45-1

I INTRODUCTION

It's a preview. You can download the full file by clicking the link below.

<https://shopservicemanual.com/>

Service Manuals from 2\$