

# 2010 Doosan DX480LC/DX520LC Crawled Excavator Service Repair Workshop Manual



**DX480LC**

**DX520LC**

Shop Manual

K1008703CE

Serial Number 5221/5117 and Up

*Doosan* reserves the right to improve our products in a continuing process to provide the best possible product to the market place. These improvements can be implemented at any time with no obligation to change materials on previously sold products. It is recommended that consumers periodically contact their distributors for recent documentation on purchased equipment.

This documentation may include attachments and optional equipment that is not available in your machine's package. Please call your distributor for additional items that you may require.

Illustrations used throughout this manual are used only as a representation of the actual piece of equipment, and may vary from the actual item.

## Assembly of Shaft and Pinion

1. Insertion of shaft subassembly:
  - A. Set gear case as shown in Figure 51.
  - B. Using a suitable lifting device, lower shaft subassembly into case.
  - C. Using special jig, keep bearing level and press it into case.



Figure 51



Figure 52

FG000901

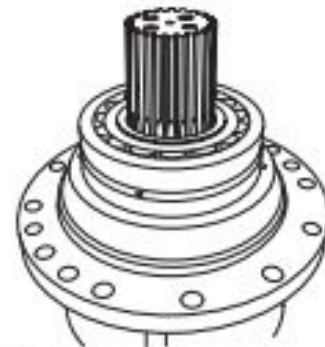


Figure 53

FG000902

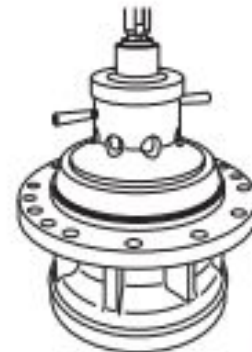


Figure 54

FG000903

- Put the nipple to supply grease in the PT1/4 tap hole and start to supply grease until it flows out of the opposite PT1/4 hole.



Figure 114



Figure 115

- After the completion of supplying grease, release and remove cokes, assemble the PT1/4 plug sealed with Teflon tape (torque: 220 kgf.cm), tighten it with a torque wrench, wipe out grease and other foreign substance remaining on the surface, and check the assembled position of the motor again.



Figure 116



Figure 117



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