

2014 Doosan DX160LC-3 Crawled Excavator Service Repair Workshop Manual



Solar 175LC-V

Shop Manual

023-00063E

Serial Number 1001 and Up

March 2003

Daewoo 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.

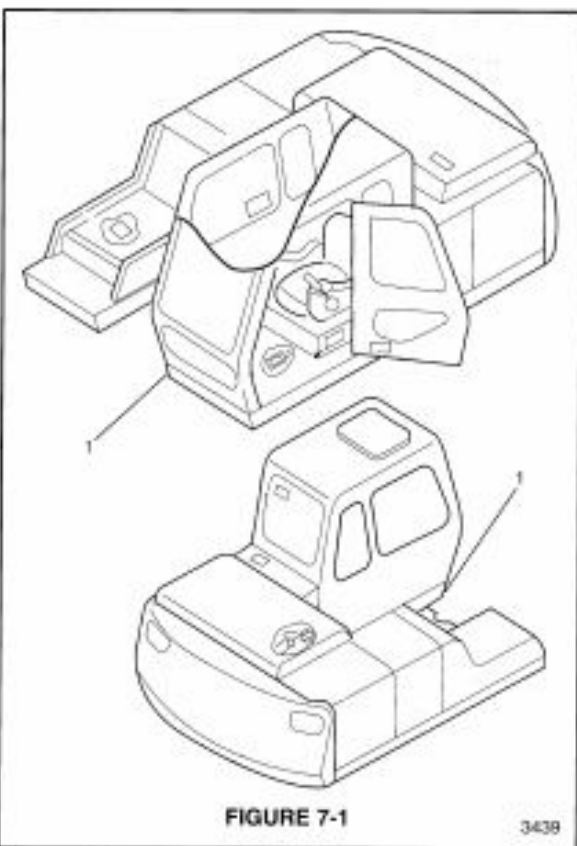
INSPECTION, MAINTENANCE AND ADJUSTMENT

Periodic Inspection and Maintenance

Routine maintenance and inspections are required to keep your machine in the correct operating condition. The following pages list the inspection intervals, the system or component checks and location references.

NOTE

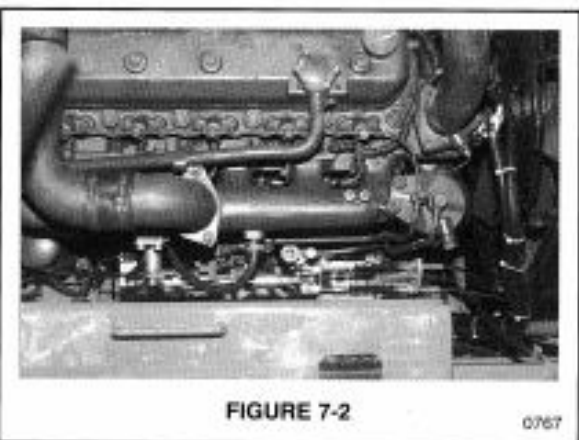
The following pages list the service checks and their required intervals. The service cycles may need to be shortened depending on the working conditions. Extremely hot or dusty conditions will require more frequent service. Operational hours are determined by the amount of time accumulated on the engine hour meter located on the control console in the cab.



Serial Numbers

There are two serial number plates attached to the body of the excavator. The main serial number plate (1, Figure 7-1) is located on the right side of the operator's cab frame. See Figure 7-1. The serial number plate for the engine is attached to one of the rocker covers. See Figure 7-2.

Please make note of these numbers and their locations. These will be required whenever warranty service work is requested.



Safety Precautions

1. Make sure to lock out the hydraulic controls and post a notice (Warning Tag) that the machine is being serviced to prevent any unauthorized operation.
2. Make sure to clean up any fluid spills, especially around the engine.
3. Inspect all fuel lines to make sure that fittings, lines, filters and O-rings, etc., are tight and are not showing signs of wear or damage.
4. If the inspection or test procedure requires that the engine is running, make sure to keep all unauthorized personnel away from the machine, and that all industry standard safety precautions are followed.

7. Use snap-ring pliers to replace lock ring (437) into lower casing (301).



Figure 36

8. Turn motor sideways and assemble shoe plate (124), placing it in motor housing in same position it was in before removal. Using grease on assembled side can help keep individual components in place.



Figure 37

9. Carefully examine cylinder block for any evidence of damage around rotating parts. Put push rods (116) and front spacer (117) back into cylinder block and replace spherical bushing (113).



Figure 38

10. Using reference notes or marks made earlier, replace all of the pistons and shoes (121, 122) back in their original cylinder bores.



Figure 39



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