

2012 Doosan DX140LCR-3 Crawled Excavator Service Repair Workshop Manual



Solar 170LC-V

Shop Manual

023-00032E

Serial Number 1001 and Up

October 2000

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.

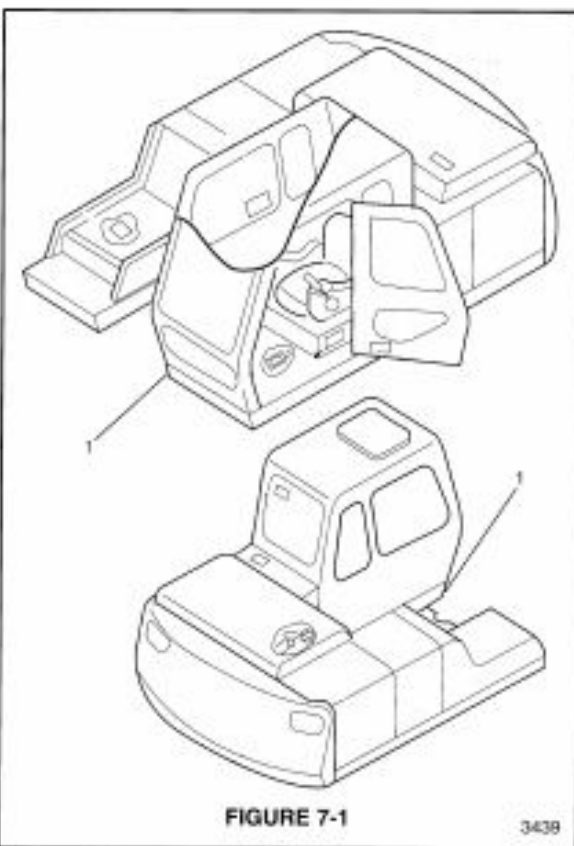
INSPECTION, MAINTENANCE AND ADJUSTMENT

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

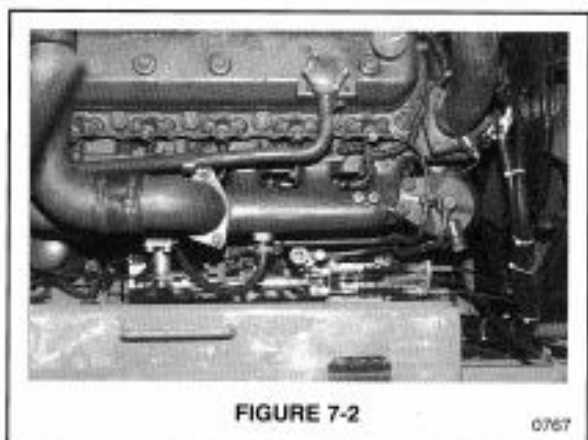
The following pages list the service checks and their required intervals. The service cycles may need to be shortened depending on the working conditions. Extremely hot or dusty conditions will require more frequent service. Operational hours are determined by the amount of time accumulated on the engine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

14. Remove floor mat (1, Figure 3)

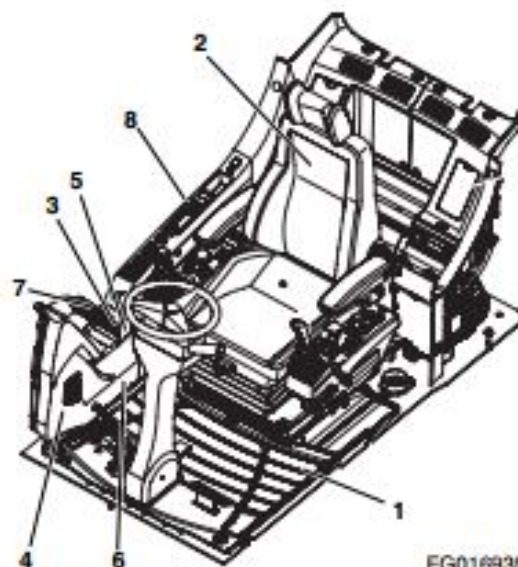
15. Remove seat (2, Figure 3).

NOTE: Be careful not to damage seat covering.

16. Remove cup holder (3, Figure 3).

Remove front cover (4, Figure 3) and side covers (5 and 6, Figure 3). Before removing front cover (4), disconnect hour meter connector.

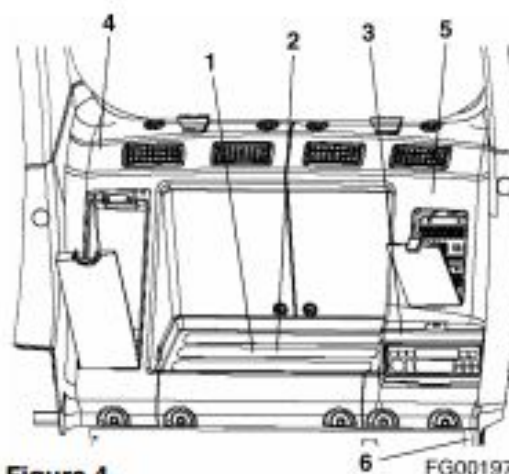
NOTE: Don't remove monitor panel (7, Figure 3) and switch panel (8, Figure 3)



FG016935

Figure 3

17. After removing rear mat (1, Figure 4), remove rear center cover (2, Figure 4), cassette cover (3) and rear side covers (4 and 5, Figure 4)



FG001977

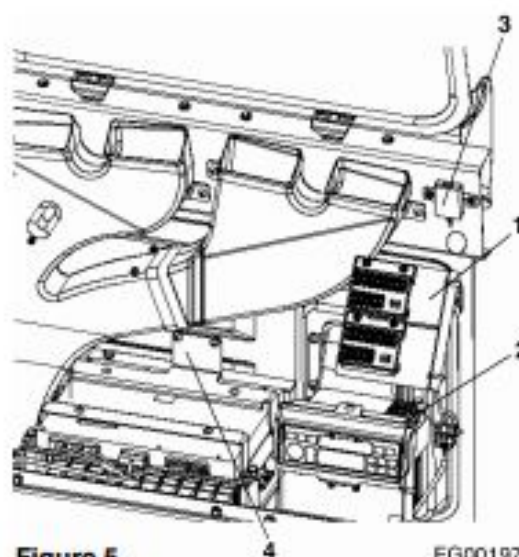
Figure 4

18. Remove fuse box bracket (1, Figure 5) from left sidewall without disassembly harness connector.

19. Disconnect cabin ground cable near fuse box bracket.

20. Remove cassette bracket (2, Figure 5) and disconnect antenna and speaker wire.

21. Remove electric box (4, Figure 5) without disassembly harness connectors.



FG001978

Figure 5



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