

HYDRAULIC EXCAVATOR

SHOP MANUAL

model

SK 220
SK 220LC

This is the shop manual for KOBELCO hydraulic excavator. Contained is the necessary technical data concerning the maintenance and repair of this model. The manual is divided into the following four major sections; GENERAL, SYSTEMS, COMPONENTS and PROCEDURE.

*GENERAL

- | | |
|---|------------------------------|
| LQ01. SPECIFICATION | LQ05. TROUBLE SHOOTING |
| LQ02. OPERATION AND CONTROLS | LQ06. PREVENTIVE MAINTENANCE |
| LQ03. LOCATION AND WEIGHT OF COMPONENTS | (Refer to Operators Manual) |
| LQ04. MAINTENANCE STANDARD AND TEST PROCEDURE | LQ07. WORKING STANDARD |

*SYSTEMS

- | | |
|------------------------|------------------------------|
| LQ11. DRIVE SYSTEM | LQ22. CONTROL SYSTEM |
| LQ12. HYDRAULIC SYSTEM | LQ23. UPPER FRAME |
| LQ15. SWING SYSTEM | LQ25. ELECTRICAL SYSTEM |
| LQ18. TRAVEL SYSTEM | LQ26. AIR-CONDITIONER SYSTEM |
| LQ21. ATTACHMENTS | LQ50. ENGINE |

*COMPONENTS

- | | |
|---------------------|------------------------|
| 12. HYDRAULIC PUMP | 16. SWIVEL JOINT |
| 13. CONTROL VALVE | 17. HYDRAULIC CYLINDER |
| 14. OTHER VALVES | 21. REDUCTION UNIT |
| 15. HYDRAULIC MOTOR | |

*PROCEDURE

When checking or repairing the machine we suggest that you refer to this manual carefully. We hope that reference to this manual will help to maintain a high level of working efficiency and reliability. For further details on maintenance and checks refer to the "OPERATORS MANUAL" which has been supplied with the machine.

Although all data was correct at the time of printing, due to continual design changes and improvements, some contents may not conform to the actual machine. Take special care to order parts only after confirming the validity of the part number in the "PARTS MANUAL".

If you notice any explanatory discrepancies, after consulting one of our representatives, please update your manual according to the latest data. However, in the event of any specification changes, we will issue revised edition.

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KOBELCO

Book code No. S5LQ0006E

Kobelco Sk 220 Manual

SJ Ball



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white cheese similar to feta old cheese kaşar peyniri black and or green olives zeytin butter thick cream kaymak honey jam an omelet or boiled eggs yumurta are regular players of the game the surprise ingredients are sucuklu yumurta and börek these two are the most common dishes served to spoil the guests

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