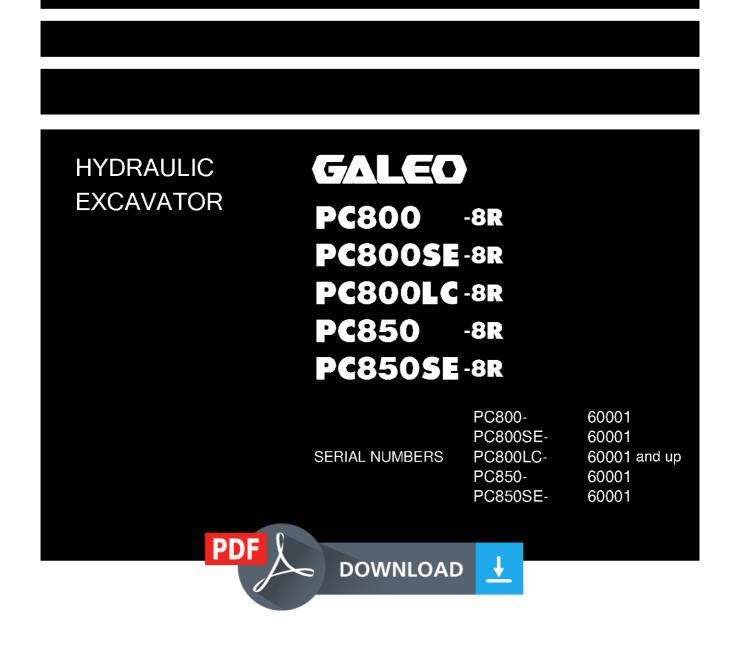
## **Shop Manual**





#### HYDRAULIC EXCAVATOR

# **PC800-8R PC800LC-8R**

## **PC850-8R** PC800SE-8R PC850SE-8R

Machine model

Serial number

PC800-8R **PC800SE-8R PC800LC-8R** PC850-8R **PC850SE-8R** 

60001 and up 60001 and up 60001 and up 60001 and up 60001 and up

### 00 Index and foreword Index

Composition of shop manual	2
Table of contents	4

#### **Composition of shop manual**

The contents of this shop manual are shown together with Form No. in a list.

- Note 1: Always keep the latest version of this manual in accordance with this list and utilize accordingly. The marks shown to the right of Form No. denote the following:
  - O: New issue (to be filed additionally) •: Revision (to be replaced for each Form No.)
- Note 2: This shop manual can be supplied for each Form No.
- Note 3: To file this shop manual in the special binder for management, handle it as follows:
  - Place a divider on the top of each section in the file after matching the Tub No. with No. indicated next to each Section Name shown in the table below:
  - File overview and other materials in sections in the order shown below and utilize them accordingly.

Section Title	Form Number
Shop Manual, contents binder, binder label and tabs	SEN02316-01
00 Index and foreword	SEN02317-01
Index	SEN02318-01 ●
Foreword and general information	SEN02319-00
01 Specification	SEN02320-00
Specification and technical data	SEN02321-00
10 Structure, function and maintenance standard	SEN02322-00
Engine and cooling system	SEN02323-00
Power train	SEN02324-00
Undercarriage and frame	SEN02325-00
Hydraulic system, Part 1	SEN02326-00
Hydraulic system, Part 2	SEN02327-00
Work equipment	SEN02328-00
Cab and its attachments	SEN02329-00
Electrical system	SEN02330-00
20 Standard value table	SEN02331-00
Standard service value table	SEN02675-00 〇
30 Testing and adjusting	SEN02332-00
Testing and adjusting, Part 1	SEN02676-00 O
Testing and adjusting, Part 2	SEN02677-00 O
Testing and adjusting, Part 3	SEN02678-00 O
Testing and adjusting, Part 4	SEN02679-00 O
Testing and adjusting, Part 5	SEN02680-00 O
40 Troubleshooting	SEN02333-00
General information on troubleshooting	SEN02681-00 O
Troubleshooting by failure code (Display of code), Part 1	SEN02682-00 O
Troubleshooting by failure code (Display of code), Part 2	SEN02683-00 O
Troubleshooting by failure code (Display of code), Part 3	SEN02684-00 O
Troubleshooting of electrical system (E-mode)	SEN02685-00 O
Troubleshooting of hydraulic and mechanical system (H-mode)	SEN02686-00 O
Troubleshooting of engine (S-mode)	SEN02687-00 O

90 Diagrams and drawings Hydraulic diagrams and drawings Electrical diagrams and drawings SEN02335-00 SEN02336-00 SEN02337-00

#### Table of contents

00 Index and foreword	
Index	SEN02318-01
Composition of shop manual	
Table of contents	
Foreword and general information	SEN02319-00
Safety notice	
How to read the shop manual	
Explanation of terms for maintenance standard	
Handling electric equipment and hydraulic component	
How to read electric wire code	
Precautions when carrying out operation	
Method of disassembling and connecting push-pull type coupler	
Standard tightening torque table	
Conversion table	
01 Specification	
Specification and technical data	SEN02321-00
Specification drawings	
Working range drawing	
Specifications	
Weight table	
Table of fuel, coolant and lubricants	
10 Structure, function and maintenance standard	
Engine and cooling system	SEN02323-00
Coupling	
Coupling lubrication system	
Radiator, oil cooler	
Power train	SEN02324-00
Power train	
Swing machinery	
Swing circle	
Final drive	
Undercarriage and frame	SEN02325-00
Track frame and recoil spring	
Idler Carrier roller	
Track roller	
Track shoe	
Hydraulic system, Part 1	SEN02326-00
Hydraulic system, Part 1 Hydraulic tank, hydraulic filter	
Hydraulic pump Operation of pump control mechanism	
EPC valve	
Self pressure reducing valve	
Self pressure reducing valve Cooling fan pump	17



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