

Shop Manual

ENGINE

140E -5 SERIES

KOMATSU

ENGINE**140E-5 Series****00 Index and foreword****Index**

Composition of shop manual	2
Table of contents	3

Composition of shop manual

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

Section Title	Form Number
Shop Manual, contents binder, binder label and tabs	SEN00074-20
00 Index and foreword	SEN00075-20
Index	SEN00076-20
Foreword and general information	SEN00077-08
01 Specification.....	SEN00078-10
Specification and technical data.....	SEN00079-10
10 Structure, function and maintenance standard	SEN00080-12
Structure, function and maintenance standard, Part 1	SEN00081-12
Structure, function and maintenance standard, Part 2	SEN00082-09
20 Standard value table	SEN00083-10
Standard service value table	SEN00147-10
30 Testing and adjusting	SEN00148-05
Testing and adjusting	SEN00149-05
40 Troubleshooting	SEN00150-06
General information on troubleshooting	SEN00151-04
Troubleshooting of mechanical system (S-mode).....	SEN00152-03
Troubleshooting of electrical system (E-mode), Part 1	SEN00153-03
Troubleshooting of electrical system (E-mode), Part 2	SEN00154-02
50 Disassembly and assembly	SEN00155-08
General information on disassembly and assembly	SEN00156-05
Disassembly and assembly, Part 1 (with EGR)	SEN00157-06
Disassembly and assembly, Part 2 (EGR-less)	SEN00158-06
Disassembly and assembly, Part 3	SEN00159-04
90 Repair and replacement of parts.....	SEN05197-03
Information related to repair and replacement	SEN05198-01
Cylinder head	SEN05199-03
Cylinder block	SEN05200-01

Table of contents

00 Index and foreword	
Index	SEN00076-20
Composition of shop manual	2
Table of contents	3
Foreword and general information	SEN00077-08
Safety notice	2
How to read the shop manual	7
Explanation of terms for maintenance standard	9
Handling of electric equipment and hydraulic component	11
Handling of connectors newly used for engines	20
How to read electric wire code	23
Precautions when carrying out operation	26
Method of disassembling and connecting push-pull type coupler	29
Standard tightening torque table	32
Conversion table	36
01 Specification	
Specification and technical data	SEN00079-10
Outline	2
Specifications	6
General view	25
Weight table	66
Engine performance curves	70
10 Structure, function and maintenance standard	
Structure, function and maintenance standard, Part 1	SEN00081-12
Air intake and exhaust unit	3
Air cleaner	5
Turbocharger	8
Aftercooler	19
Muffler	20
EGR system	25
Cylinder head	32
Cylinder block	36
Cylinder liner	39
Main moving parts	40
Crankshaft	42
Camshaft	43
Cam follower and push rod	44
Piston, piston ring and piston pin	46
Connecting rod	48
Flywheel and flywheel housing	49
Vibration damper	52
Timing gear	54
Valve system	58
Valve and valve guide	60
Rocker arm and shaft	62
Crosshead and guide	63
Structure, function and maintenance standard, Part 2	SEN00082-09
Lubrication system	4
Lubrication system diagram	4
Oil pump	8
EGR oil pump	9
Oil filter	10
Oil cooler	12

It's a preview. You can download the full file by
clicking the link below.

<https://shopservicemanual.com/>

Service Manuals from 2\$