

Shop Manual

ENGINE

SAA4D94LE-3

TABLE OF CONTENTS

	Page
INTRODUCTION.....	1-1
SAFETY	3-1
GENERAL SERVICE INFORMATION.....	4-1
PERIODIC MAINTENANCE	5-1
ENGINE.....	6-1
FUEL SYSTEM	7-1
COOLING SYSTEM.....	8-1
LUBRICATION SYSTEM.....	9-1
EXHAUST SYSTEM	10-1
STARTER MOTOR.....	11-1
ALTERNATOR.....	12-1
ELECTRONIC CONTROL SYSTEM	13-1
ELECTRIC WIRING.....	14-1
FAILURE DIAGNOSIS.....	15-1
Troubleshooting	
GENERAL DESCRIPTION OF ENGINE ELECTRONIC CONTROL SYSTEM	1
DTC (DIAGNOSTIC TROUBLE CODES) GENERAL DESCRIPTION	11
METHOD AND PROCEDURE OF FAILURE DIAGNOSIS	483

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Section 1

INTRODUCTION

This service manual describes the service procedures for 4TNV94FHT (DI engines with high pressure common rail system, with DPF+SCR post-processing equipment). This engine is certified by the U.S. EPA, California ARB, and the 97/68/EC Directive for industrial use.

Please use this manual for accurate, quick and safe servicing of the engine. Since the directions in this manual are for a typical engine, some specifications and components may be different from your engine. Refer to the documentation supplied by the optional equipment manufacturer for specific service instructions.

For the replacement of some parts and troubleshooting for the 4TNV94FHT, the Komatsu Failure Diagnosis Tool called SMARTASSIST-DIRECT is required. In addition, please read both Troubleshooting Manual and SMARTASSIST-DIRECT Operation Manual.

Komatsu products are continuously undergoing improvement. This Service Manual might not address possible field modifications to the equipment. Contact an authorized Komatsu industrial engine dealer or distributor for answers to any questions relating to field modifications.

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