

Engine Manual Workshop Manual

3TNV Series

3TNV82A • 3TNV82A-B • 3TNV84
3TNV84T • 3TNV84T-B • 3TNV88
3TNV88-B • 3TNV88-U

4TNV Series

4TNV84 • 4TNV84T • 4TNV84T-Z
4TNV88 • 4TNV88-B • 4TNV88-U
4TNV94L • 4TNV98 • 4TNV98-E
4TNV98-Z • 4TNV98T • 4TNV98T-Z
4TNV106 • 4TNV106T

 Hitachi Construction Machinery Co., Ltd.

URL: <http://www.hitachi-c-m.com>

California
Proposition 65 Warning

Diesel engine exhaust and some of its constituents are known to the state of California to cause cancer, birth defects, and other reproductive harm.

California
Proposition 65 Warning

Battery posts, terminals, and related accessories contain lead and lead compounds, chemicals known to the state of California to cause cancer and reproductive harm.
Wash hands after handling.

Foreword:

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SERVICE MANUAL

TNV Series

The specification and contents that are not equipped for the machine may be described in this book.

SERVICE MANUAL	MODEL	TNV Series
	CODE	0BTNV-EN0014

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Section 1

INTRODUCTION

This *Service Manual* describes the service procedures for the TNV series direct injection engines. These engines are certified by the U.S. EPA, California ARB and/or 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.

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

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