CASE

REPAIR MANUAL

5.9 Litre Diesel Engine 6TAA-590 - CX240

6-11380

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Section i - Introduction

Section Contents

About the Manual i-1

General Cleaning Instructions i-5
Solvent and Acid Cleaning i-5
Steam Cleaning i-5

General Safety Instructions i-3
Important Safety Notice i-3
General Repair Instructions i-4

How to Use the Manual i-1

Illustrations i-2

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Troubleshooting Symptoms Charts

Use the charts on the following pages of this section to aid in diagnosing specific engine symptoms. Read each row of blocks from top to bottom. Follow through the chart to identify the corrective action.

Δ WARNING Δ

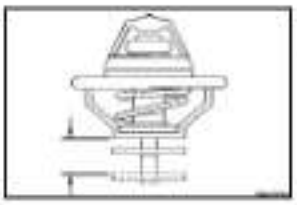
Troubleshooting presents the risk of equipment damage, personal injury or death. Troubleshooting must be performed by trained experienced technicians.

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	Component or Assembly (Procedure)	Ref.No./Steps	Metric		U.S.

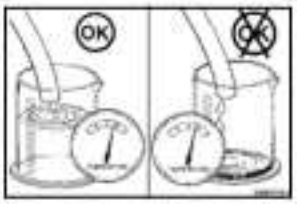
Cooling System - Specifications



Coolant Thermostat (008-013)

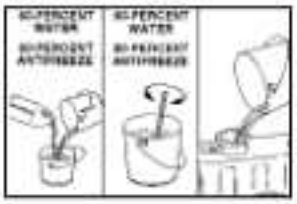
Thermostat Opening Temperatures

Initial Opening Temperature	81 °C	MIN	178 °F
	83 °C	MAX	182 °F
Fully Opened Temperature	94 °C	MAX	202 °F



Thermostat Initial Opening Temperature

81 °C	MIN	178 °F
83 °C	MAX	182 °F



Cooling System (008-018)

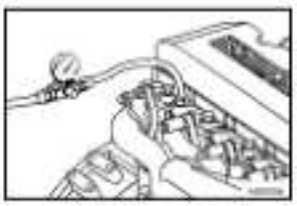
Coolant Capacity (Engine Only)

Charge Air Cooler	9 liters	MAX	2.38 gal



Fan Hub, Belt Driven (008-036)

Fan Hub End Play	0.15 mm	MAX	0.006 in



Water Pump (008-062)

Minimum Gauge Capacity:	415 kPa		60 psi

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