



ENGINE REPAIR MANUAL

667TA/EEG

667TA/EEC

667TA/EBF

667TA/EED

667TA/EBJ

667TA/EDJ

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Revision History			
Issue	Issue Date	Applicable Machine	Remarks
First Edition	11-2006	667TA/EEG 667TA/EEC 667TA/EBF 667TA/EED 667TA/EBJ 667TA/EDJ	87519803 NA

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CHAPTER 1

667TA

TIER III

DIAGNOSTICS

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CHAPTER 1 - DIAGNOSTICS

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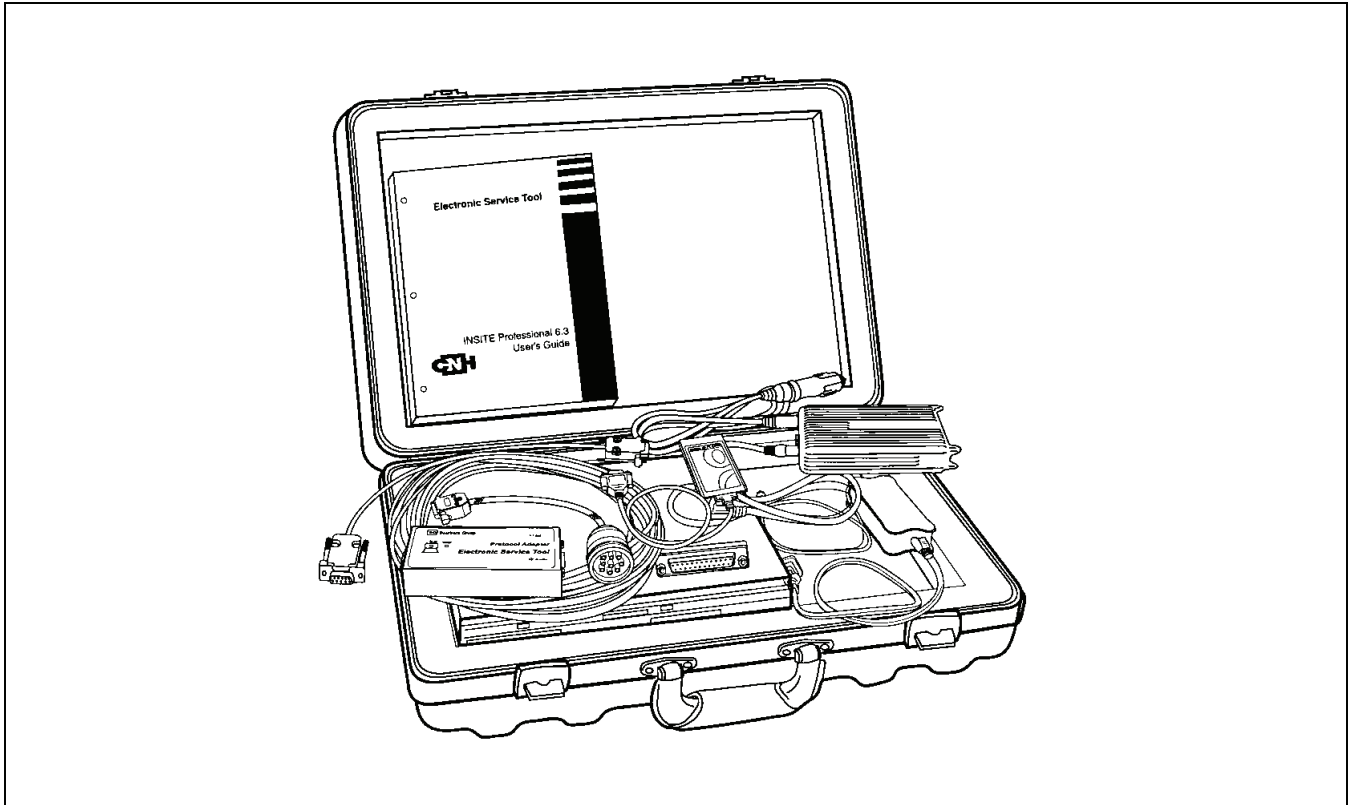
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NOTES

CNH- EST DIAGNOSTIC TOOL



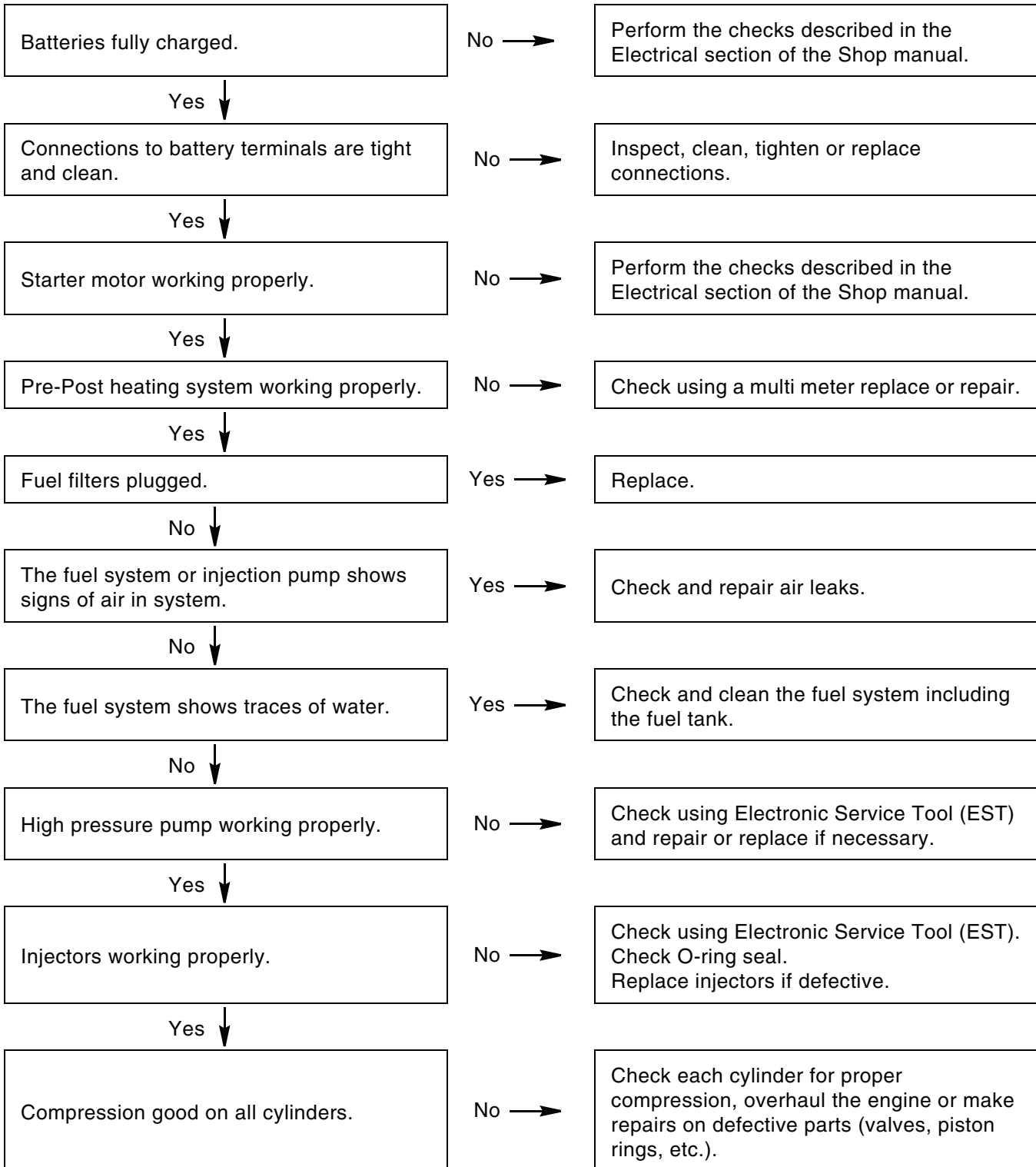
BS06K009

Figure 1-1

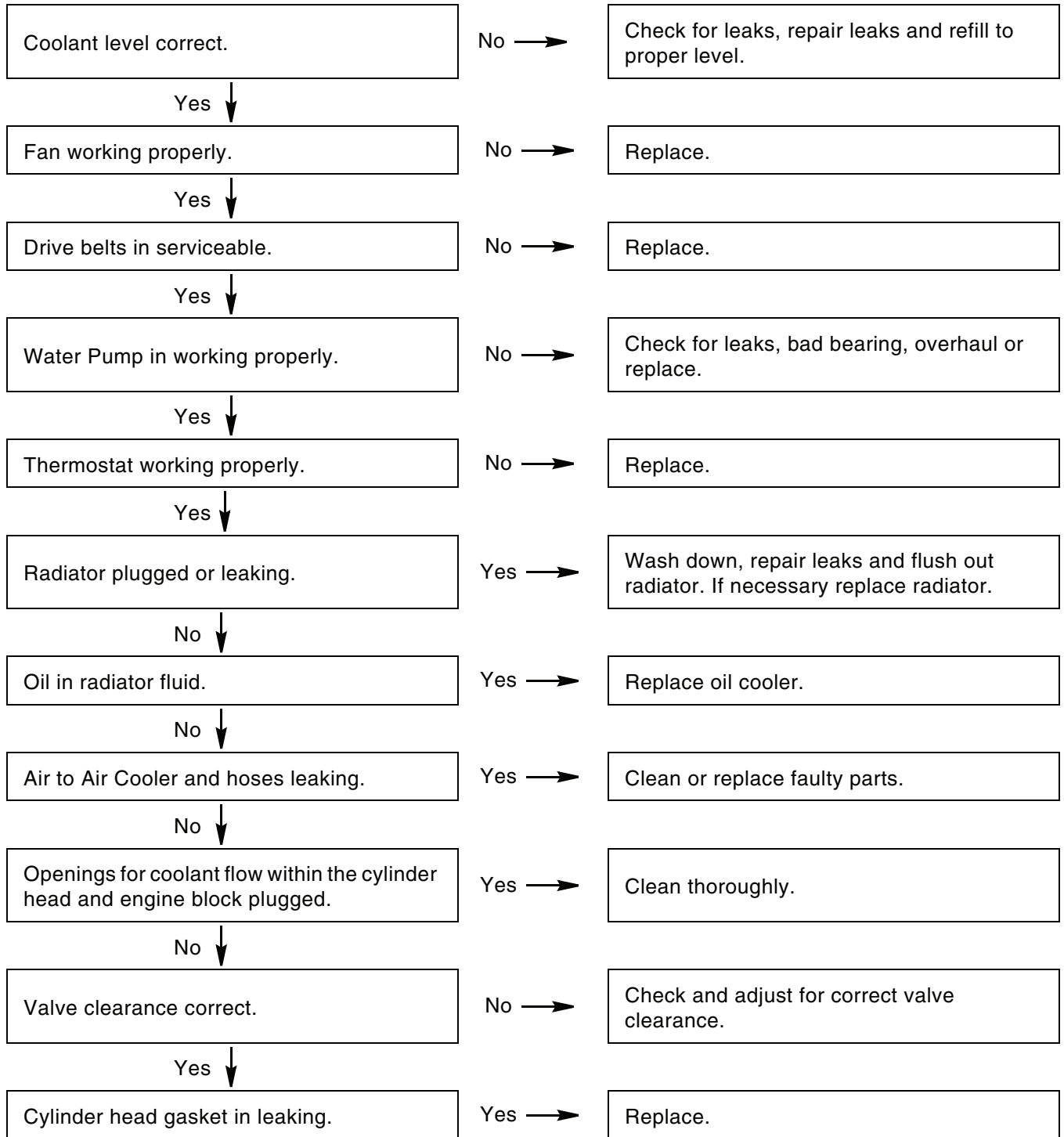
The EST system allows diagnoses on machines by detecting the operating parameters of electronic control components (control units, sensors etc.) and check flow rates, pressures and temperatures. It is also capable of reading fault codes on the engine. To help with troubleshooting the engine failure mode.

TROUBLESHOOTING

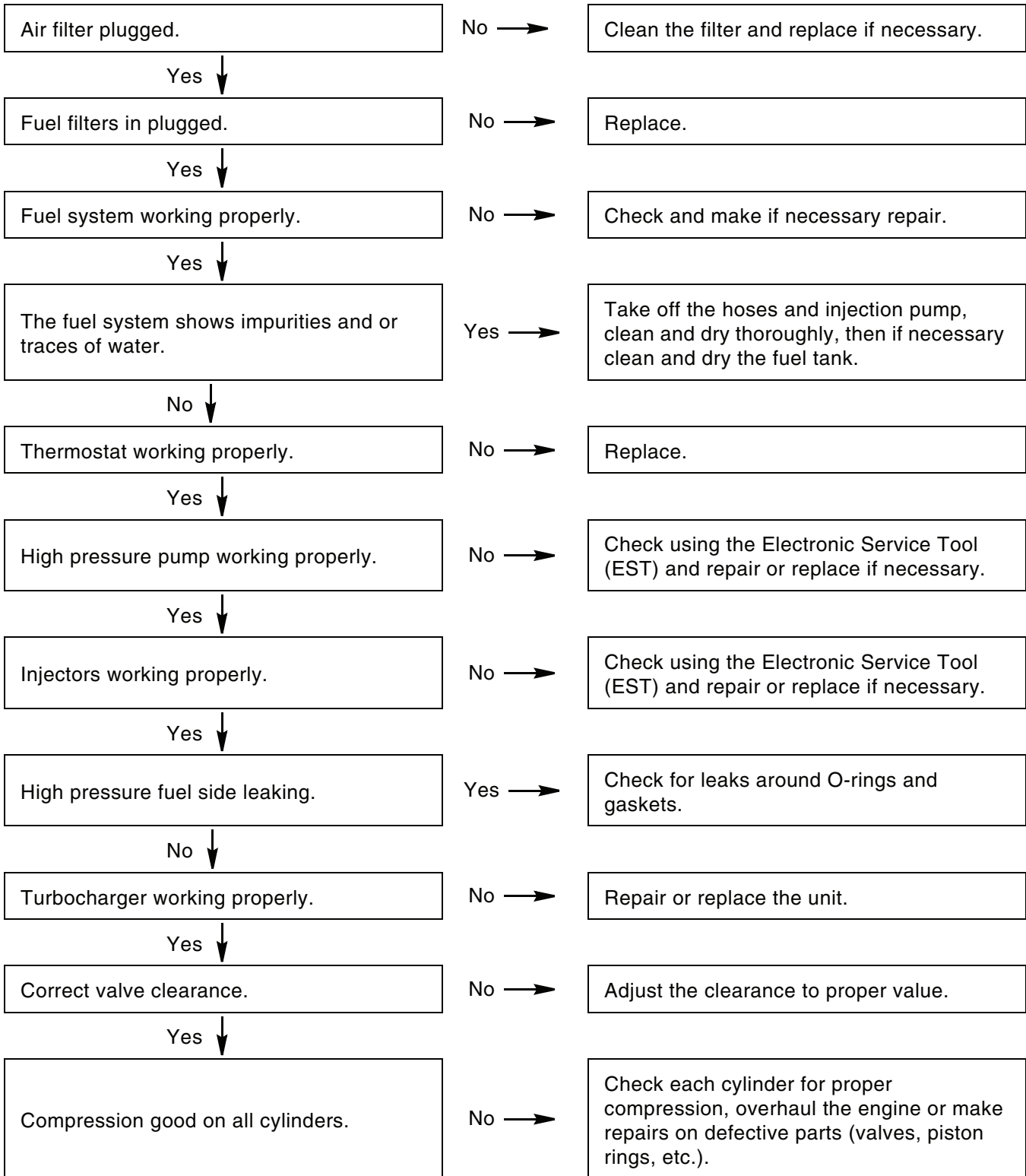
ENGINE WON'T START



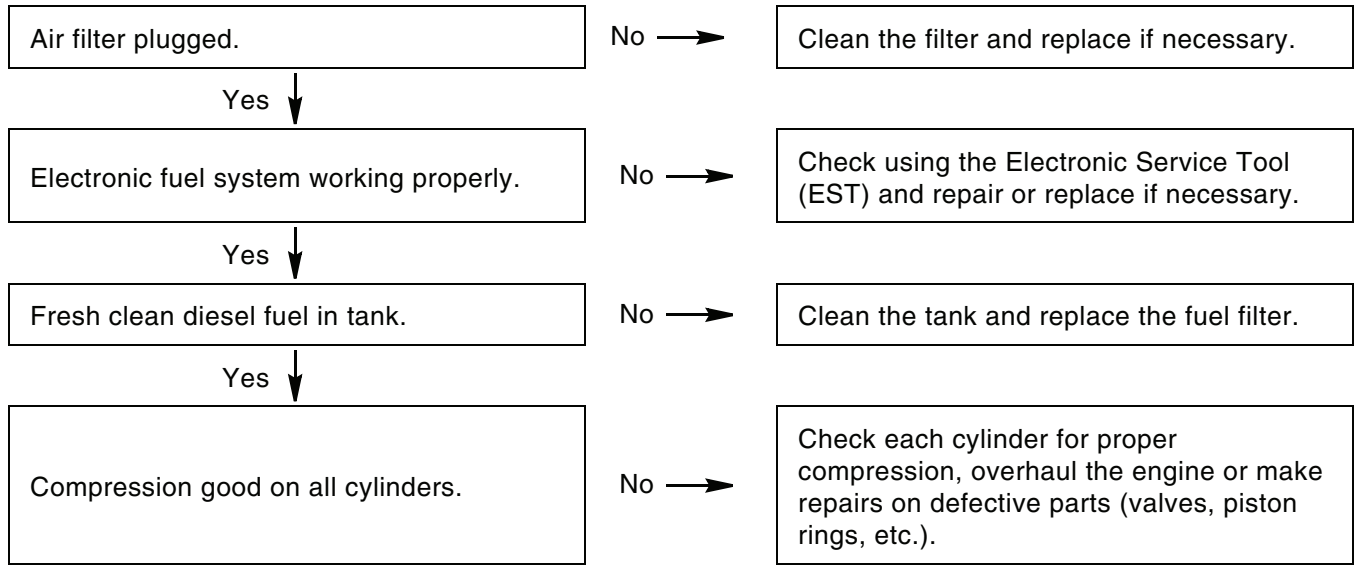
ENGINE OVERHEATS



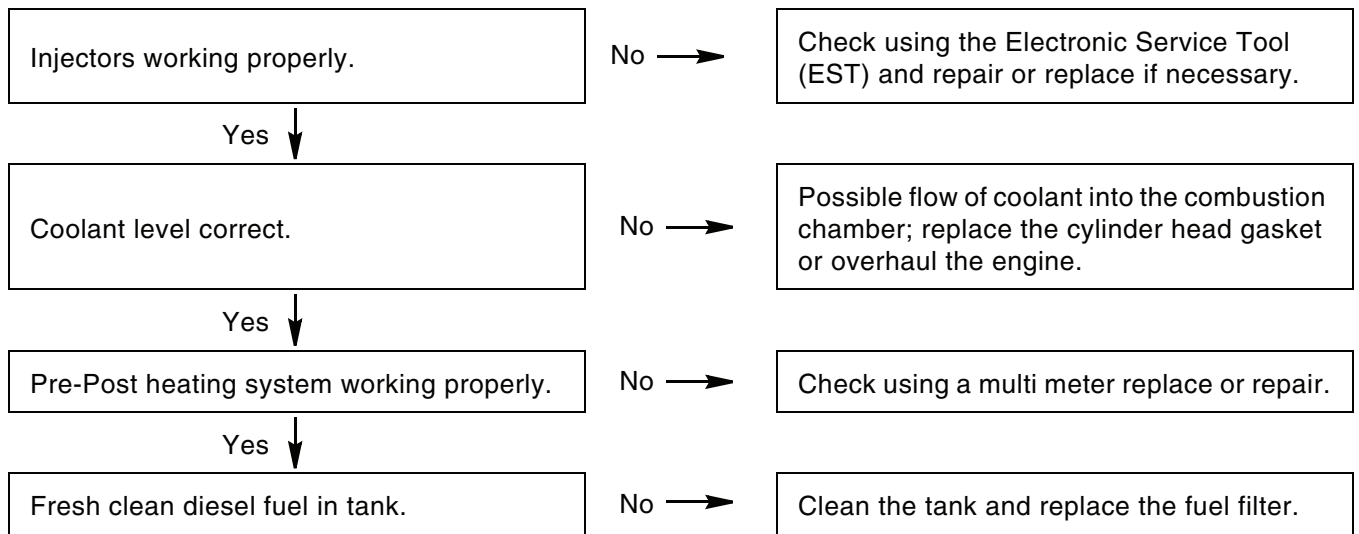
ENGINE LACKS POWER AND RUNS ERRATICALLY



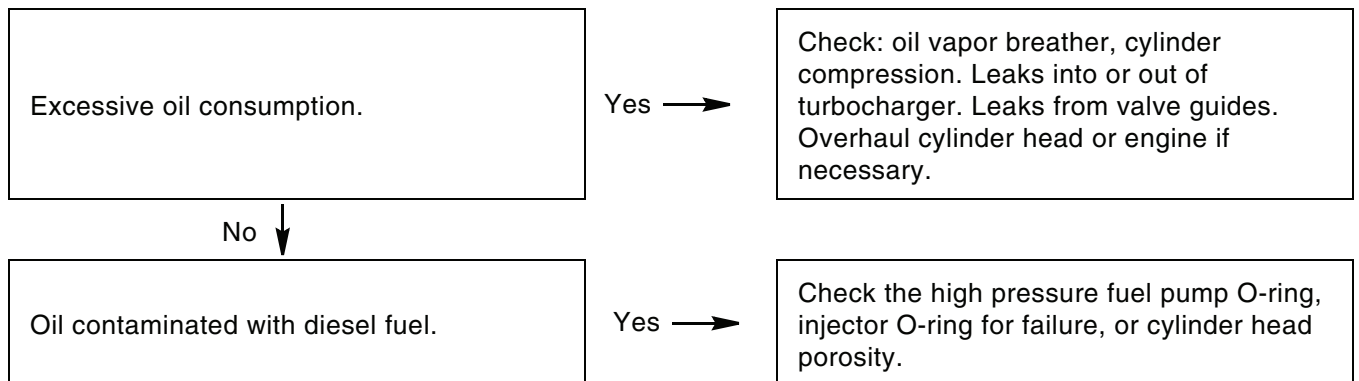
ENGINE EXHAUST SMOKE BLACK OR DARK GREY



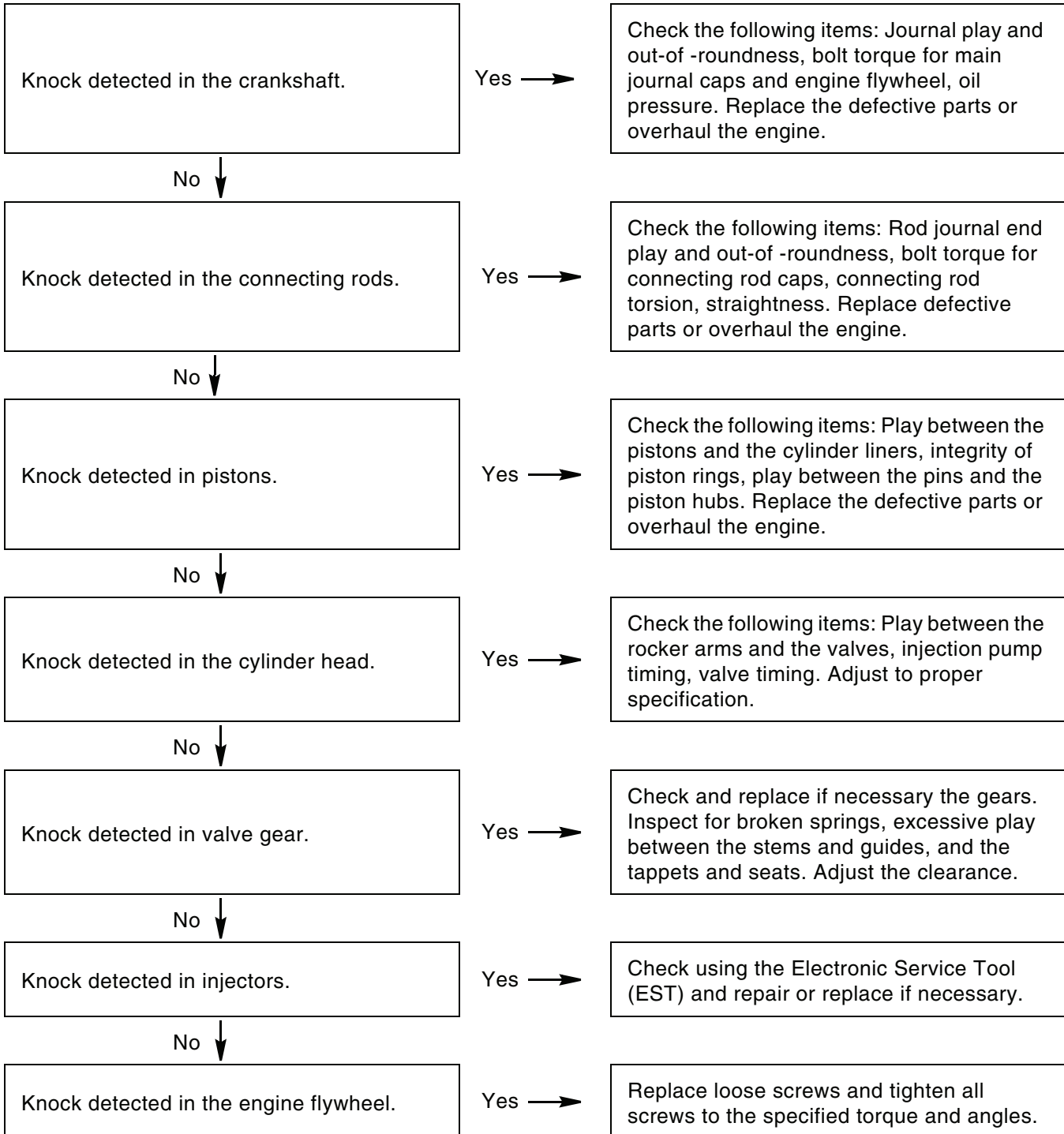
ENGINE EXHAUST SMOKE GREY (VERGING ON WHITE)



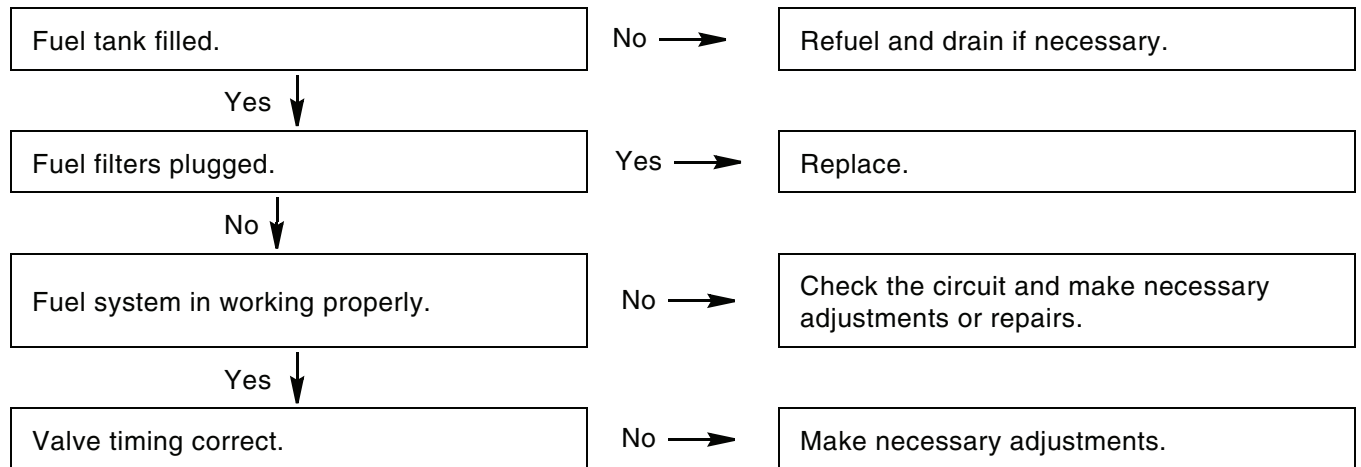
ENGINE EXHAUST SMOKE LIGHT BLUE



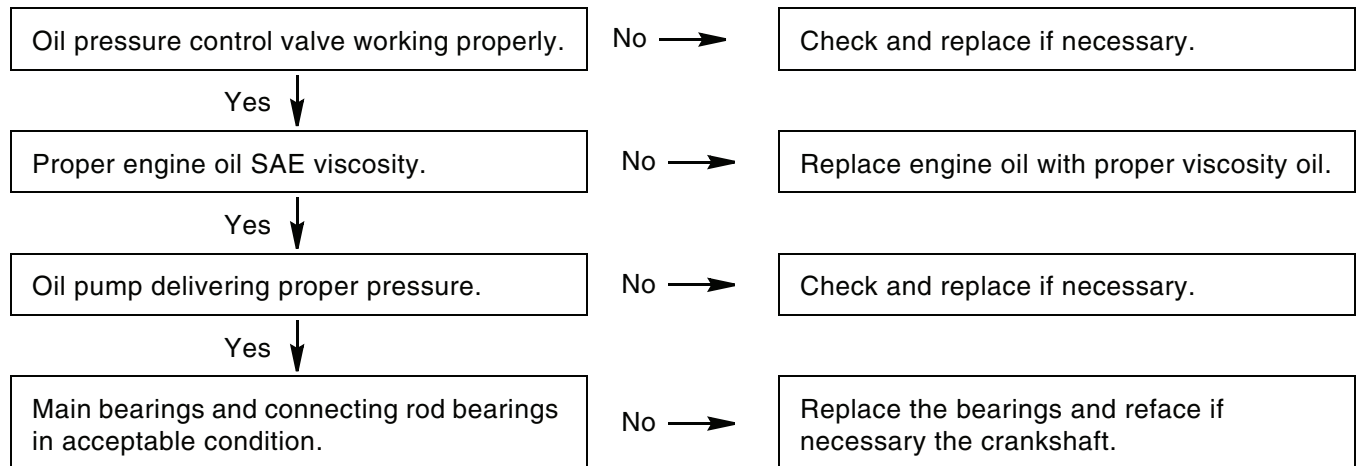
ENGINE KNOCKS IRREGULARLY



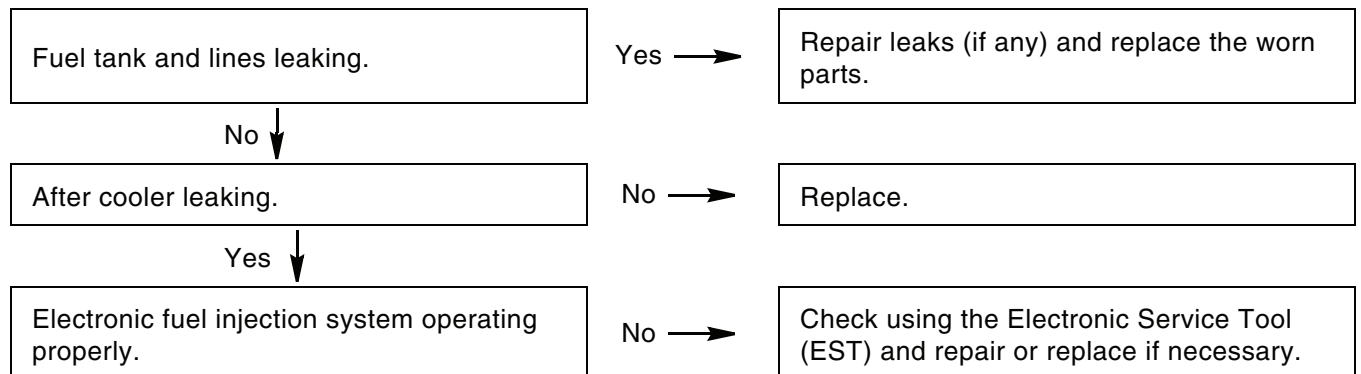
ENGINE STOPS



EXCESSIVE OR INSUFFICIENT OIL PRESSURE



EXCESSIVE FUEL CONSUMPTION



NOTES

CHAPTER 2

667TA

TIER III

667TA ENGINE OVERHAUL

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CHAPTER 2 - 667TA ENGINE OVERHAUL

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