

TROUBLESHOOTING MANUAL

INDUSTRIAL ENGINES

ELECTRONIC CONTROL

3TNV82A4TNV843TNV82A-B4TNV84T3TNV844TNV84T3TNV84T4TNV883TNV84T-B4TNV88-B3TNV884TNV88-U3TNV88-B4TNV94L3TNV88-U4TNV98

4TNV84 4TNV84T-Z 4TNV84T-Z 4TNV88-B 4TNV88-B 4TNV88-U 4TNV94L 4TNV94L 4TNV98-Z 4TNV98-Z 4TNV98-Z 4TNV98T-Z 4TNV98T-Z 4TNV98T-Z

SEE FULL CONTENTS IN BOOKMARKS

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.

Section 1

FAILURE DIAGNOSIS

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Engine warning lamp for Yanmar error codes.

While an error is occurring the error warning lamp on the cluster is flashing with a fixed frequency.

This flashing lamp is to get the attention of the driver, not to give the error code as explained in the manual.

The error code signal which is referring to the code table in the manual is given by a sound of the

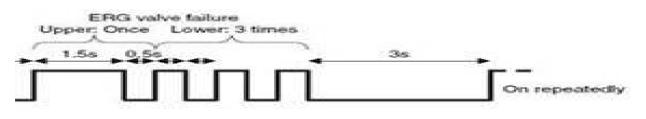
buzzer.

So to know the right error code you have to listen to the buzzer only.

Remark : Listening to the buzzer and looking at the flashing lamp together gives a very confusing

feeling and it is very hard to write down the correct error code.

EGR Code 1-3



Buzzer : ON_____OFF ON/OFF ON/OFF ON/OFF (1 long, 3 short) & correct error.

DTCS (DIAGNOSTIC TROUBLE CODES) GENERAL DESCRIPTION

DTC Code List

Clas sifica tion	DTC	BUZZER Flashing Patterns	Error Item		Referenced page number	
			Area	Status	Overview	Failure Diagnosis
	P1202/4	7	Dool position concer	Error (low voltage)	P.1-8	D 1 100
	P1203/3 7	Rack position sensor	Error (high voltage)	P.1-10	P.1-136	
	P0122/4	3/3	Accelerator sensor	Error (low voltage)	P.1-12	P.1-140
	P1203/3			Error (high voltage)	P.1-14	
	P0124/2			Intermittent failure	P.1-16	
	P1125/1			Error (foot pedal-close position)	P.1-18	P.1-144
Analog Input Related Failures	P1126/0	-		Error (foot pedal-open position)	P.1-20	
	P0222/4	- 1-8	Spare accelerator sensor	Error (low voltage)	P.1-22	P.1-148
	P0223/3			Error (high voltage)	P.1-24	
	P0224/2			Intermittent failure	P.1-26	
	P1225/1			Error (foot pedal-close position)	P.1-28	P.1-144
	P1226/0			Error (foot pedal-open position)	P.1-30	
	P1227/8			Error (pulse communication)	P.1-32	P.1-152
	P0222/4	1-9	9 Atmospheric pressure	Error (low voltage)	P.1-34	P.1-148
	P0223/3			Error (high voltage)	P.1-36	
	P0224/2			Intermittent failure	P.1-38	
	P0668/4	4-1	ECU Temperature Sensor	Error (low voltage)	P.1-40	P.1-154
	P0669/3			Error (high voltage)	P.1-41	
	P1644/2			Intermittent failure	P.1-42	
A	P0634/0	2-5	ECU Temperature Rise Alarm		P.1-43	P.1-154
	P0117/4	4	Cooling water temperature sensor	Error (Low Voltage)	P.1-45	P.1-156
	P0118/3			Error (High Voltage)	P.1-47	
	P0119/2			Intermittent failure	P.1-49	
	P0217/0	3-6	Cooling Water Temperature Rise Alarm		P.1-51	P.1-156
	P0642/4	3 2-4	SENSOR 5V	Error (low voltage)	P.1-53	P.1-160
	P0643/3			Error (High Voltage)	P.1-54	
	P1644/2			Intermittent failure	P.1-55	
	P0562/1		Error (Low Voltage)	P.1-56	P.1-56	
	P0563/0	2-3	Power supply Voltage	Error (High Voltage)	P.1-58	P.1-58