

Toyota Yaris 2010 1.5L 1NZ-FE ECU Pinsout

(C20)



EFi Autos
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(A21)



Symbol (Terminal No.)	Wiring Color	Terminal Description	Condition	Specified Condition
BATT (A21-20) - E1 (C20-104)	Y - W	Battery (for measuring battery voltage and for ECM memory)	Always	11 to 14 V
+BM (A21-3) - ME01 (C20-43)	GR - BR	Power source of throttle actuator	Always	11 to 14 V
IGSW (A21-26) - E1 (C20-104)	R - W	Ignition switch	Ignition switch ON	11 to 14 V
+B (A21-2) - E1 (C20-104)	B - W	Power source of ECM	Ignition switch ON	11 to 14 V
+B2 (A21-1) - E1 (C20-104)	B - W	Power source of ECM	Ignition switch ON	11 to 14 V
OC1+ (C20-100) - OC1- (C20-123)	BR - R	Camshaft timing oil control valve (OCV)	Idling	Pulse generation (see waveform 1)
MREL (A21-44) - E1 (C20-104)	GR - W	EFI relay	Ignition switch ON	11 to 14 V
VG (C20-116) - E2G (C20-116)	GR - LG	Mass air flow meter	Idling, Transmission gear neutral, A/C switch OFF	0.5 to 3.0 V
THA (C20-66) - ETHA (C20-66)	P - BE	Intake air temperature sensor	Idling, Intake air temperature 20°C (68°F)	0.5 to 3.4 V
THW (C20-97) - ETHW (C20-96)	L - P	Engine coolant temperature sensor	Idling, Engine coolant temperature 80°C (176°F)	0.2 to 1.0 V
VCTA (C20-57) - ETA (C20-91)	W - V	Power source of throttle position sensor (specific voltage)	Ignition switch ON	4.5 to 5.5 V
VTA1 (C20-115) - ETA (C20-91)	Y - V	Throttle position sensor (for engine control)	Ignition switch ON, Throttle valve fully closed	0.5 to 1.1 V
			Ignition switch ON, Throttle valve fully open	3.2 to 4.6 V
VTA2 (C20-114) - ETA (C20-91)	GR - V	Throttle position sensor (for sensor malfunction detection)	Ignition switch ON, Throttle valve fully closed	2.1 to 3.1 V
			Ignition switch ON, Throttle valve fully open	4.5 to 5.0 V
VPA (A21-55) - EPA (A21-59)	R - G	Accelerator pedal position sensor (for engine control)	Ignition switch ON, Accelerator pedal released	0.5 to 1.1 V
			Ignition switch ON, Accelerator pedal fully depressed	2.5 to 4.5 V
VPA2 (A21-56) - EPA2 (A21-60)	L - BR	Accelerator pedal position sensor (for sensor malfunctioning detection)	Ignition switch ON, Accelerator pedal released	1.2 to 2.0 V
			Ignition switch ON, Accelerator pedal fully depressed	3.4 to 4.7 V
VCPA (A21-57) - EPA (A21-59)	B - G	Power source of accelerator pedal position sensor (for VPA)	Ignition switch ON	4.5 to 5.5 V
VCP2 (A21-58) - EPA2 (A21-60)	W - BR	Power source of accelerator pedal position sensor (for VPA2)	Ignition switch ON	4.5 to 5.5 V
HA1A (C20-109) - E04 (C20-46)	G - W-B	A/F sensor heater	Idling with warm engine	Pulse generation (see waveform 2)
A1A+ (C20-112) - E1 (C20-104)	V - W	A/F sensor	Ignition switch ON	11 to 14 V
A1A- (C20-113) - E1 (C20-104)	LG - W	A/F sensor	Ignition switch ON	3.3 V
			Ignition switch ON	2.9 V

1nz Fe Pin In Pin Out Ecu

JA Banks



1nz Fe Pin In Pin Out Ecu:

This book delves into 1nz Fe Pin In Pin Out Ecu. 1nz Fe Pin In Pin Out Ecu is an essential topic that must be grasped by everyone, from students and scholars to the general public. This book will furnish comprehensive and in-depth insights into 1nz Fe Pin In Pin Out Ecu, encompassing both the fundamentals and more intricate discussions.

1. The book is structured into several chapters, namely:

- Chapter 1: Introduction to 1nz Fe Pin In Pin Out Ecu
- Chapter 2: Essential Elements of 1nz Fe Pin In Pin Out Ecu
- Chapter 3: 1nz Fe Pin In Pin Out Ecu in Everyday Life
- Chapter 4: 1nz Fe Pin In Pin Out Ecu in Specific Contexts
- Chapter 5: Conclusion

2. In chapter 1, this book will provide an overview of 1nz Fe Pin In Pin Out Ecu. The first chapter will explore what 1nz Fe Pin In Pin Out Ecu is, why 1nz Fe Pin In Pin Out Ecu is vital, and how to effectively learn about 1nz Fe Pin In Pin Out Ecu.
3. In chapter 2, the author will delve into the foundational concepts of 1nz Fe Pin In Pin Out Ecu. This chapter will elucidate the essential principles that must be understood to grasp 1nz Fe Pin In Pin Out Ecu in its entirety.
4. In chapter 3, the author will examine the practical applications of 1nz Fe Pin In Pin Out Ecu in daily life. The third chapter will showcase real-world examples of how 1nz Fe Pin In Pin Out Ecu can be effectively utilized in everyday scenarios.
5. In chapter 4, the author will scrutinize the relevance of 1nz Fe Pin In Pin Out Ecu in specific contexts. The fourth chapter will explore how 1nz Fe Pin In Pin Out Ecu is applied in specialized fields, such as education, business, and technology.
6. In chapter 5, this book will draw a conclusion about 1nz Fe Pin In Pin Out Ecu. This chapter will summarize the key points that have been discussed throughout the book.

The book is crafted in an easy-to-understand language and is complemented by engaging illustrations. It is highly recommended for anyone seeking to gain a comprehensive understanding of 1nz Fe Pin In Pin Out Ecu.

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