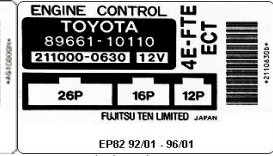
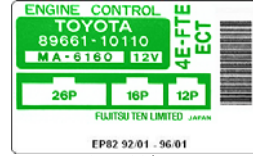
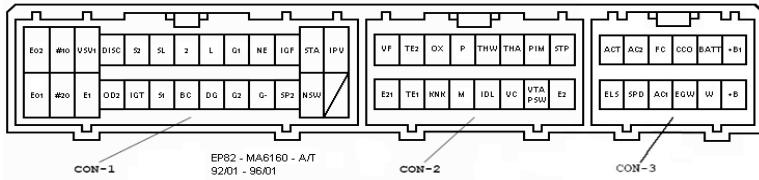
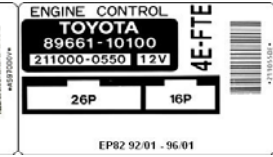
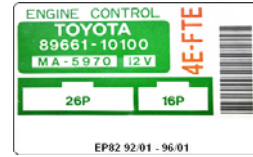
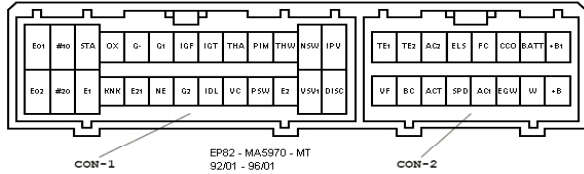
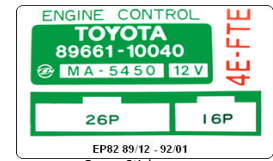
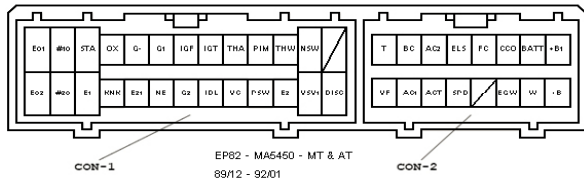


# トヨタスターレットターボゲアテマラ

## 4E-FTE診断



何(What)	測定ポイント(Measure point)	いつ(When)	電圧(Voltage)
Power	Batt - Body earth	Always	10 ~ 14
	+B - Body earth	---	---
	+B <sub>1</sub> - Body earth	---	10 ~ 14
Throttle Position Sensor	IDL - Body earth	Throttle valve fully closed	0.5 or less
		Throttle valve open (1.5" or more)	10 ~ 14
	PSW - Body earth	Throttle valve fully closed	11 or more
		Throttle valve fully open	0.5 or less
Turbo Pressure Sensor	PIM - Body earth	Port pressure = atmosphere pressure	2.3 ~ 2.9
		Port pressure = negative pressure (200mmHg)	Drop voltage 0.3 ~ 0.7 against atmosphere pressure output voltage
	Vc - Body earth	---	4.5 ~ 5.5
Intake Temperature Sensor	THA - Body earth	Atmosphere temperature is approximately 20°C	2.0 ~ 2.5
Water Temperature Sensor	TWA - Body earth	Water temperature is approximately 80°C	0.4 ~ 0.7
Starter Signal	STA - Body earth	Cranking	6 or more
Injection Signal	#10/#20 - Body earth	---	10 ~ 14
		Idling	Generation Pulse
Igniter	IGF - Body earth	---	0.5 or less
	IGT - Body earth	Idling	Generation Pulse
Distributor	G <sub>1</sub> - G0	Idling	Generation Pulse
	G <sub>2</sub> - G0		
	Ne - G0		
Other	NSW - Body earth	P,N range (A/T)	0.5 or less
	SPD - Body earth	Other than P,N range (A/T)	10 ~ 14
	CCo - Body earth	Rotate drive wheel slowly	0 ↔ 10 ~ 14 changes
	OX - Body earth	---	4.0 ~ 5.5
	W - Body earth	After warmed up engine, hold engine for 90 seconds	0 ↔ 1.0 changes
		When check engine warning lamp illuminates (ex disconnect water temp sensor)	3.3 or less
	EGW - Body earth	Idling (no warning lamp illuminates)	10 ~ 14
		Exhaust warning lamp illuminates (Connect CCo and E1 of the check connector)	3.3 or less
	VF - Body earth	Idling (no warning lamp illuminates)	10 ~ 14
		After warmed up engine, keep running at 2500rpm and hold it for 90 seconds. Connect TE1 and E1 of the diagnosis check connector.	0 ↔ 5.5 changes
	Fc - Body earth	---	10 ~ 14
		Idling	0 ~ 3
	ELS - Body earth	Tail lamp, defogger switch OFF	0.5 or less
		Either tail light ON, or defogger switch ON	10 ~ 14
	ACT - Body earth	A/C ON (magnet clutch ON)	10 ~ 14
		Engine revolution is less than 1200rpm and after negative pressure is getting 680mmHg passed 3 seconds	1.0 or less
	DISC - Body earth	IG ON, Connect TE1 and E1 of the check connector	3.3 or less
	AC <sub>1</sub> - Body earth	Cranking	10 ~ 14
		A/C OFF	10 ~ 14
	AC <sub>2</sub> - Body earth	A/C ON (ECON magnet ON under the A/C mode)	1.0 or less
A/C OFF		10 ~ 14	
VSV <sub>1</sub> - Body earth	A/C ON (ECON magnet ON under the A/C mode)	1.0 or less	
	Turbo Switch ON (Lo Mode)	0.5 or less	
BC - Body earth	Turbo Switch OFF (Hi Mode)	10 ~ 14	
	Turbo Switch ON (Lo Mode)	0.5 or less	
E <sub>01</sub> - Body earth E <sub>02</sub> - Body earth E <sub>1</sub> - Body earth E <sub>2</sub> - Body earth E <sub>21</sub> - Body earth	Turbo Switch OFF (Hi Mode)	10 ~ 14	
	Inspection of continuity	Yes, continuity	