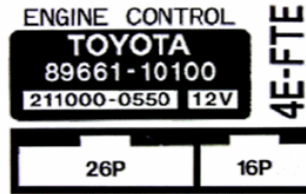
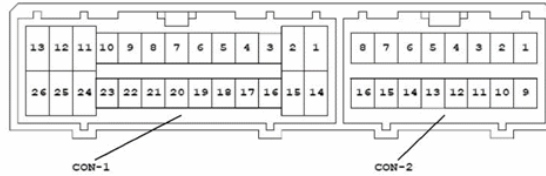


Computer Wiring Diagram
4E-FTE - EP82
Part Number: 89661 - 10100
Code: 211000-0550 (MA-5970)

Connector 1			Connector 2		
1	IPV	Vacuum Switching Valve	1	+B1	Switched Battery Power (12V)
2	NSW	Neutral Starter Switch	2	BATT	Switched Battery Power (+12V) (EFI Main Relay)
3	THW	Water Temperature Signal	3	CCO	Check Connector Outputs
4	PIM	Pressure Intake Manifold	4	FC	Circuit Opening Relay (Fuel Cut)
5	THA	Intake Air Temperature	5	ELS	Electrical Load Signal System Taillight Relay
6	IGT	Ignition Timing	6	AC2	12V To Aircon Computer
7	IGF	Ignition Feedback from the Ignitor-Coil	7	TE2	Check Connector
8	G1	Distributor	8	TE1	Check Connector
9	G-	Distributor Crank Angle	9	+B	Switched Battery Power (12V)
10	OX	Oxygen Sensor (Lambda Sensor)	10	W	Warning Light
11	STA	Engine Cranking Signal (Starter Switch)	11	EGW	Catalytic Converter Temperature Warning Light (Combination Meter)
12	#10	Injector Pulse 1 & 3	12	AC1	A/C Switch Signal System (12V to Aircon Computer)
13	E01	Computer Ground	13	SPD	Speed Signal
14	DISC	Aux. Control Valve or Idle-Up System Vacuum Switching Valve	14	ACT	A/C Cut Control System
15	VSV1	Air Control Vacuum Switching Valve	15	BC	Boost Control
16	E2	Sensor Ground	16	VF	Check Connector Outputs
17	PSW	Throttle Position Sensor			
18	VCC	Throttle Position Sensor (pin 1)			
19	IDL	Throttle Position Sensor (Signals ECU throttle position is at idle)			
20	G2	Distributor			
21	NE	Part of the IIA (Integrated Ignition Assembly) (RPM)			
22	E21	Sensor Ground			
23	KNK	Knock Sensor			
24	E1	Computer Ground			
25	#20	Injector Pulse 2 & 4			
26	E02	Computer Ground			



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EMU Wire colour	Emu Wire Identification	Standard ECU Connector	Standard ECU Pin No.	How to connect	Where to connect
Grey	Throttle Signal	Connector 1	17	Tap	-
White	Airflow Input	Connector 1	4	Cut	To Loom
Green	Airflow Output	Connector 1	4	Cut	To ECU
Brown	RPM Signal (I)	Connector 1	7	Tap	-
Black	ECU Ground	Connector 1	13	Tap	-
Red	12v IG Power	Connector 2	9	Tap	-
Light Blue	Idle Control Valve (Pulse Input)	Connector 1	14	Tap	-
Blue/Red	Inj Channel 1 in	Connector 1	12	Cut	To ECU
Orange/Red	Inj Channel 2 in	Connector 2	25	Cut	To ECU
Black/Red	Inj Ground	Connector 1	13	Tap	-
Blue/Grey	Inj Channel 1 out	Connector 1	12	Cut	To Loom
Orange Grey	Inj Channel 2 out	Connector 2	25	Cut	To Loom
Blue/White	Ignition Channel 1 In	Connector 1	6	Cut	To ECU
Blue/Black	Ignition Channel 1 Out	Connector 1	6	Cut	To Loom
Yellow / Grey	Analogue Input	Connector 2	15*	Cut	To ECU
Light Blue / Brown	Analogue Output	Connector 2	15*	Cut	To Loom
Light Blue / Yellow	Vehicle Speed signal Output	Connector 2	13	Cut	To ECU
Brown / Yellow	Vehicle Speed Signal Input	Connector 2	13	Cut	To Loom
Grey/White	Crank Angle	Connector 1	21	Tap	-
Grey/Black	Cam Angle	Connector 1	8	Tap	-
Blue/Yellow	Knock 1/ Water Temp	Connector 1	23 / 3 **	Tap	-
Purple/Yellow	Knock 2/ Intake Temp	Connector 1	23 / 5 ***	Tap	-

*Unsure if this is connect to the standard boost control wire or the fuel-cut wire. Last time I did one I think I connected it to the standard boost control wire and there was no fuel cut.

** You have a choice between wiring the knock sensor or water temperature sensor to this.

*** You have a choice between wiring the knock sensor or Inlet Air temperature sensor to this.

