

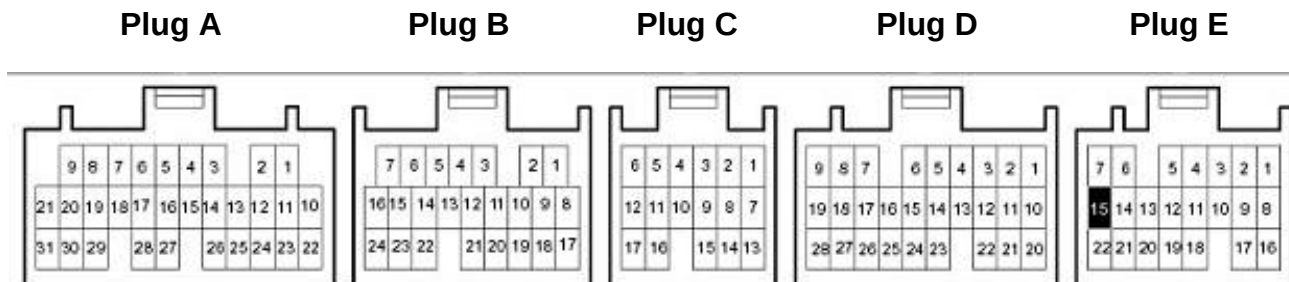
UNDERDOG RACING DEVELOPMENT

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URD Performance Calibration Unit

AIC/Timing Calibrator w/Fix Closed Loop Mixture Control

2002 Toyota 4Runner 5VZ-FE V6



This is a diagram of the ECU locations viewed from the area of the passenger seat.

Verify all connections by wire color and plug and pin number. If there is any discrepancy, stop and consult the Toyota wiring schematic book.

Connection	PCU wire color	Function	ECU wire color	ECU Location
Connection A	Red	IGSW	Black w/Blue Stripe	Plug E Pin 15
Locate the ECU wire and tap the PCU wire into it.				
Connection B	Black	E1	Brown	Plug B Pin 17
Locate the ECU wire and tap the PCU wire into it.				
Connection C	Black w/Yellow stripe	IGF	Black w/Yellow Stripe	Plug B Pin 2
Locate the ECU wire and tap the PCU wire into it.				
Connection E&F	Green & Green w/red stripe	NE+ (Crank)	Blue	Plug B Pin 12
1. Locate the ECU wire and cut it at a suitable location. 2. Connect the Green PCU wire to the end of the ECU wire going to the sensor. 3. Connect the Green w/red stripe PCU wire to the end of the ECU wire going to the ECU.				
Connection G&H	Blue & blue w/white stripe	G2 (Cam)	Red	Plug B Pin 13
1. Locate the ECU wire and cut it at a suitable location. 2. Connect Blue PCU wire to the end of the ECU wire going to the sensor. 3. Connect the Blue w/white stripe PCU wire to the end of the ECU wire going to the ECU.				
Connection I	Pink w/Blue Stripe	AF1	White	Plug A Pin 14
Locate the ECU wire and tap the PCU wire into it.				
The remaining wires are not used in this application. Tape them off.				
The Orange PCU wire if equipped is not used in this application. Tape it off.				
Connect the vacuum line to the boost port on the supercharger or a manifold connection that provides a vacuum/boost reference.				
Plug the injector connector(s) into the injector(s) you wish to control				
Download the U-Tune Guide for this device from www.GadgetOnline.com/u-tune-aic.pdf				