

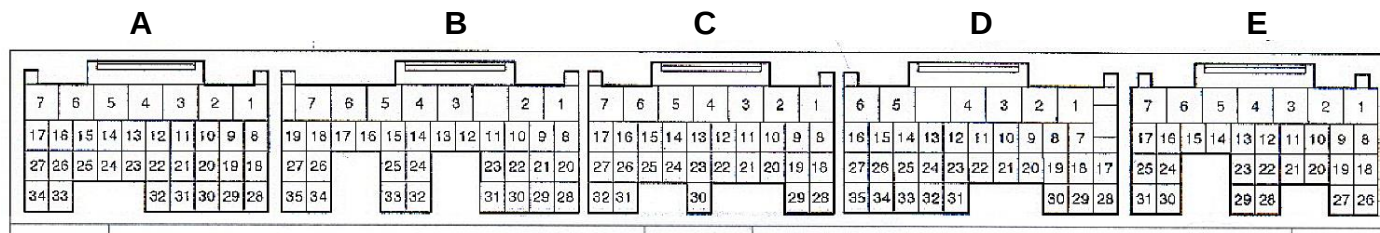
UNDERDOG RACING DEVELOPMENT

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URD Performance Calibration Unit – Rear O2 Sensor Simulator

UNIVERSAL

2006 Toyota 4Runner 4.7L 2UZ-FE V8



This is a diagram of the ECU locations viewed from the area of the passenger seat. Removing the glove box can access the ECU. All connections should be properly soldered for trouble free installation. It is best installed inside the dash.

Disconnect the battery before starting. Verify all plug, pin, and wire colors before making connections. If anything does not match, STOP and consult the Toyota Electrical Wiring Diagram before proceeding. You can contact URD Tech Support by emailing Support@URDUSA.com.

Connection	Simulator wire color	Function	ECU wire color	ECU Location
Connection A	Red	B+	Black	Plug E Pin 1
Locate the ECU wire and tap the Simulator wire into it.				
Connection B	Black	E2	Brown	Plug A Pin 28
Locate the ECU wire and tap the Simulator wire into it.				
Connection C	Tan w/Black Stripe	E2	Brown	Plug A Pin 28
Locate the ECU wire and tap the Simulator wire into it.				
Connection D & E	White & White w/Green Stripe	OX1B	Black	Plug A Pin 18
1. Locate the ECU wire and cut it at a suitable location. 2. Connect the White Simulator wire to the end of the ECU wire going to the sensor. 3. Connect the White w/ Green Stripe Simulator wire to the end of the ECU wire going to the ECU.				
Connection F & G	Pink & Pink w/Blue Stripe	OX2B	White	Plug B Pin 33
1. Locate the ECU wire and cut it at a suitable location. 2. Connect the Pink Simulator wire to the end of the ECU wire going to the sensor. 3. Connect the Pink w/Blue Stripe Simulator wire to the end of the ECU wire going to the ECU.				

Disconnect the battery before beginning the installation.

All connections should be soldered.

The rear O2 sensor must still be installed and in contact with the exhaust stream for the Simulator to function.

For Off-Road / Racing use only!