

Fiesta R2 Pectel to ECUMaster Black (v1)



Black Connector			
Colour	Pin	ECU Pin Name	Function
	B1	Ignition Coil #5	
	B2	EGT #1	
	B3	Knock sensor #1	Knock Sensor #01
	B4	Analog #2	
	B5	CLT in	Coolant Temp Signal
	B6	WBO Vs	Lambda
	B7	Camsync In #2	EX Cam Signal
	B8	Primary Trigger	Crank Signal
	B9	Flex Fuel In	
	B10	Switch #1 In	Brake Pedal Switch
	B11	RS232 TXD	
	B12	CAN High	Can Hi
	B13	Battery 12V	12v
	B14	Ignition Coil #4	
	B15	EGT in #2	
	B16	Knock sensor #2	Knock Sensor #02
	B17	Analog #3	Gear Position sensor
	B18	TPS in	TPS Signal
	B19	WBO Ip	Lambda
	B20	VVS In	
	B21	Camsync In #1	In Can Signal
	B22	WBO Rcal	Lambda
	B23	Switch #2	
	B24	RS232 RXD	
	B25	CAN Low	Can Lo
	B26	+5v out	5v
	B27	Power Ground	Ground
	B28	ECU Ground	Ground
	B29	Sensor Ground	Sensor Ground
	B30	Analog #4	Flatshift sensor
	B31	Analog #1	Oil Pressure Switch
	B32	IAT In	Intake temp Signal
	B33	WBO VGND	Lambda
	B34	+5v out	5v
	B35	Analog #5	DBW TPS
	B36	Switch #3	
	B37	Analog #6	DBW TPS
	B38	Sensor Ground	Sensor Ground
	B39	Sensor Ground	Sensor Ground

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Grey Connector			
Colour	Pin	I/O Config	Function
	G1	Ignition Coil #6	
	G2	H-Bridge 1 Winding A	DBW -
	G3	H-Bridge 2 Winding A	
	G4	AUX 6	Coolant Light
	G5	AUX 3	Fuel Pump Relay
	G6	Injector #4	Injector #01
	G7	Injector #1	Injector #04
	G8	Ignition Coil #1	Ignition Coil Cyl #01 / 04
	G9	Ignition Coil #3	
	G10	H-Bridge 1 Winding B	DBW +
	G11	H-Bridge 2 Winding B	
	G12	AUX 5	Rad Fan Relay
	G13	AUX 2 / Injector 8	Main Relay
	G14	Injector #5	VVT Cam IN
	G15	Injector #2	Injector #02
	G16	Ignition Coil #2	Ignition Coil Cyl #02 / 03
	G17	Power Ground	Ground
	G18	Ignition +12V	Ignition 12v
	G19	WBO Heater	Lambda Heater
	G20	AUX 4 / Tacho	Gear Display
	G21	AUX 1 / Injector #7	Shift Light
	G22	Injector #6	VVT Cam EX
	G23	Injector #3	Injector #03
	G24	Power Ground	Ground

Installation Notes

Wire Separate Gear Display wire to display

LSU 4.9 Lambda needed

Swap pins 2 and 5 on Pedal