

1994 4.0L Ford Explorer/Ranger 60 Pin Connector

Pin	Wire Color	Description	Voltage W/ Ign on
1	YEL	Keep Alive Power (KAPWR)	12
2	LT GRN	Brake On-Off (BOO) Switch	8
3	GRY/BLK	Vehicle Speed Sensor (VSS) (+)	
4	TAN/YEL	Ignition Diagnostic Monitor (IDM)	
5	--	Not Used	
6	PNK/ORG	Vehicle Speed Sensor (VSS) (-)	
7	LT GRN/RED	Engine Coolant Temp (ECT) Sensor	
8	DK GRN/YEL	Fuel Pump Monitor (FPM)	
9	PNK/LT BLU	MAF Ground	
10	DK GRN/ORG	A/C Compressor	
11	--	Not Used	
12	--	Not Used	
13	--	Not Used	
14	LT BLU/RED	MAF Signal	
15	TAN/LT BLU	MAF Ground	
16	ORG/RED	Ignition Module Ground	
17	PNK/LT GRN	Check Engine Light (CEL)	12
18	--	Not Used	
19	--	Not Used	
20	BLK/LT GRN	Case Ground	
21	WHT/LT BLU	Idle Air Control (IAC) Valve	12
22	LT BLU/ORG	Fuel Pump Relay Control	12
23	--	Not Used	
24	--	Not Used	
25	GRY	Intake Air Temp (IAT) Sensor	
26	BRN/WHT	VREF (5 Volt Reference - EGR Position Sensor, TPS, MAP Sensor)	
27	--	Not Used	
28	TAN/ORG	Data (+)	
29	GRY/LT BLU	O2 Sensor 1	
		Clutch Switch (MT only)	
30	LT BLU/YEL	Park Neutral Safety Switch (AT only).	
31	GRY/YEL	Canister Purge (CANP) Solenoid	12
32	--	Not Used	
33	--	Not Used	
34	---	Not Used	
35	--	Not Used	

Pin	Wire Color	Description	Voltage W/ Ign on
36	PNK	SPOUT	
37	RED	Ignition Battery Power	12
38	--	Not Used	
39	RED/BLK	O2 Sensor 2	
40	BLK/WHT	PWR Ground	
41	--	Not Used	
42	--	Not Used	
43	--	Not Used	
44	DK GRN	Octane Adjust	
45	--	Not Used	
46	GRY/RED	Signal Return (Sensor Ground)	
47	GRY/WHT	Throttle Position Sensor (TPS) Signal	
48	WHT/PPL	Self Test Input (STI)	
49	GRY/RED	Ground (Wire was orange)	12
50	--	Not Used	
51	--	Not Used	
52	ORG/YEL	Shift Solenoid 3-4	12
53	PPL/YEL	Torque Convertor Clutch Solenoid	12
54	PNK/YEL	Air Conditioning	12
55	--	Not Used	
56	GRY/ORG	Profile Ignition Pickup (PIP)	12
57	RED	VPWR (From PCM Power Relay)	12
58	TAN	Injector Bank 1	12
59	WHT	Injector Bank 2	12
60	BLK/WHT	Power Ground	