

2015 Dodge Challenger 5.7L ECU Connector 1

(Grey Connector)

Pin	Circuit	Wire Color	Gauge / Size	Function
1	N0	NA	0	NO CONNECT
2	N0	NA	0	NO CONNECT
3	N0	NA	0	NO CONNECT
4	N0	NA	0	NO CONNECT
5	N0	NA	0	NO CONNECT
6	N0	NA	0	NO CONNECT
7	N0	NA	0	NO CONNECT
8	N0	NA	0	NO CONNECT
9	N0	NA	0	NO CONNECT
10	N0	NA	0	NO CONNECT
11	N0	NA	0	NO CONNECT
12	N0	NA	0	NO CONNECT
13	N0	NA	0	NO CONNECT
14	N0	NA	0	NO CONNECT

15	N0	NA	0	NO CONNECT
16	N0	NA	0	NO CONNECT
17	N0	NA	0	NO CONNECT
17	T17	YL/VT	0.35	CLUTCH SW SIG 2
18	N0	NA	0	NO CONNECT
19	N0	NA	0	NO CONNECT
20	N0	NA	0	NO CONNECT
21	N0	NA	0	NO CONNECT
22	K181	BR/DB	0.5	FUEL PRESSURE SIGNAL
22	N0	NA	0	NO CONNECT
23	F942	PK/BR	0.5	FUSED IGNITION SWITCH OUTPUT (RUN-START)
24	N0	NA	0	NO CONNECT

25	N0	NA	0	NO CONNECT
26	N0	NA	0	NO CONNECT
27	N0	NA	0	NO CONNECT
28	N0	NA	0	NO CONNECT
29	N0	NA	0	NO CONNECT
30	N0	NA	0	NO CONNECT
31	N0	NA	0	NO CONNECT
32	N0	NA	0	NO CONNECT
33	D28	YL/LG	0.35	CAN C (-)
33	N0	NA	0	NO CONNECT
34	N0	NA	0	NO CONNECT
35	N0	NA	0	NO CONNECT
36	N0	NA	0	NO CONNECT
37	N0	NA	0	NO CONNECT
38	N0	NA	0	NO CONNECT
39	N0	NA	0	NO CONNECT

39	T26	DG/OR	0.35	CLUTCH UPSTOP SIGNAL
40	N0	NA	0	NO CONNECT
41	N0	NA	0	NO CONNECT
42	K914	BR/WT	0.5	SENSOR GROUND
43	K222	BR/LG	0.75	CAC SIGNAL
43	N0	NA	0	NO CONNECT
44	C18	LB/BR	0.5	A/C PRESSURE SIGNAL
45	K70	DB/BR	0.5	EVAP PURGE SOL RETURN
45	N0	NA	0	NO CONNECT
46	N0	NA	0	NO CONNECT
47	N0	NA	0	NO CONNECT
48	K859	BR/DB	0.5	5 VOLT SUPPLY
49	N0	NA	0	NO CONNECT

50	N0	NA	0	NO CONNECT
51	N0	NA	0	NO CONNECT
52	Z903	BK	1	GROUND
53	Z903	BK	1	GROUND
54	K917	BR/TN	0.5	SENSOR GROUND
55	D511	WT/TN	0.5	LIN BUS
55	N0	NA	0	NO CONNECT
56	N0	NA	0	NO CONNECT
57	D27	TN/WT	0.35	CAN C (+)
57	N0	NA	0	NO CONNECT
58	K46	DB/LB	0.5	BANK 1 TEMP SIGNAL
58	N0	NA	0	NO CONNECT
59	K47	DB/LG	0.5	BANK 2 TEMP SIGNAL
59	N0	NA	0	NO CONNECT

60	K49	VT/LB	0.5	SC OUTLET TEMP SIGNAL
60	N0	NA	0	NO CONNECT
60	K49	VT/LB	0.75	SC OUTLET TEMP SIGNAL
61	N0	NA	0	NO CONNECT
61	N12	DB/LG	0.5	FPCM PWM FEEDBACK
62	N0	NA	0	NO CONNECT
63	N0	NA	0	NO CONNECT
64	N0	NA	0	NO CONNECT
65	N0	NA	0	NO CONNECT
66	N0	NA	0	NO CONNECT
67	K400	BR/VT	0.5	APP SENSOR GROUND 2
68	K167	BR/YL	0.5	APP SENSOR GROUND 1

69	K854	VT/BR	0.5	APP 5 VOLT 2
70	K108	VT/WT	0.5	ESIM SIGNAL
71	N0	NA	0	NO CONNECT
72	Z903	BK	1	GROUND
73	N9	DB/TN	0.75	FUEL PUMP RELAY CONTROL
73	N9	LB/TN	0.75	FUEL PUMP RELAY CONTROL
74	F342	BR	1	ASD CONTROL OUTPUT
75	F342	BR	1	ASD CONTROL OUTPUT
76	F342	BR	1	ASD CONTROL OUTPUT
77	N0	NA	0	NO CONNECT
77	T110	DG/YL	0.5	VACUUM PUMP RELAY CONTROL
78	N0	NA	0	NO CONNECT

78	N112	DB/OR	0.5	RAD FAN RELAY CONTROL
79	C13	LB/OR	0.5	A/C CLUTCH CONTROL
80	K51	BR/WT	0.5	ASD RELAY CONTROL
81	T752	DG/OR	0.5	STARTER RELAY CONTROL
82	K175	BR/LB	0.5	RAD FAN CONTROL
82	N201	DB/LG	0.5	LOW SPEED RAD FAN CONTROL
83	N0	NA	0	NO CONNECT
83	N11	DB/DG	0.5	FPCM PWM CONTROL
84	N0	NA	0	NO CONNECT
85	N0	NA	0	NO CONNECT
86	N0	NA	0	NO CONNECT

87	N0	NA	0	NO CONNECT
88	N7	DB/OR	0.5	FUEL TANK PRESSURE SIGNAL
89	N0	NA	0	NO CONNECT
90	N0	NA	0	NO CONNECT
91	K29	WT/BR	0.5	APP SIGNAL 2
92	K23	BR/WT	0.5	APP SIGNAL 1
93	K852	BR/VT	0.5	APP 5 VOLT 1
94	K52	DB/WT	0.5	EVAP PURGE CONTROL
95	N0	NA	0	NO CONNECT
96	A209	RD/BR	1	FUSED B(+)
96	A209	RD/BR	1.5	FUSED B(+)

Option
