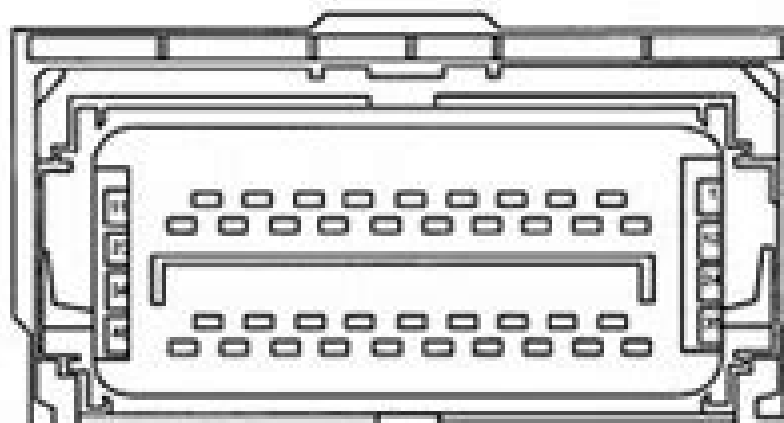


C1381a (Rev)

12A581

Powertrain Control
Module (PCM)
(12A550)



F46001

- * automatic transmission
- ** manual transmission

Pin	Circuit	Circuit function
1	76 (LG/WH)	not used
2	331 (PK/YE)	A/C clutch relay, control
3	71 (OG/LG)	Powertrain Control Module (PCM) (12A550), Data output line
4	262 (BK/PK)	Starter relay circuit, control
5	906 (LB/OG)	Fuel pump relay, control
6	-	not used
7	1857 (YE/WH)	not used
8	439 (TN/LG)	A/C clutch cycling pressure switch (120594), Signal return
9	203 (OG/LB)	Speed control indicator, control
10	567 (LB/YE)	Ground
11	570 (BK/WH)	Ground
12	322 (LB/YE)	not used
13	3072 (PK/YE)	CAN Bus 1H
14	3073 (RD/WH)	CAN Bus 1L
15	643 (RD)	Water-in-fuel sensor, signal
16	440 (TN/LG)	A/C clutch cycling pressure switch (120594), Reference voltage
17	162 (LG/RD)	Parking brake switch (15A851), signal
18	810 (RD/LG)	Brake pedal position switch (13480), input
19	787 (PK/BK)	Fuel pump, monitor

Pin	Circuit	Circuit function
20	3094 (LB/RD)	Accelerator pedal position sensor, Signal return 2
21	968 (TN/LB)	Mass Air Flow (MAF) sensor (128579), Signal return
22	239 (WH/OG)	not used
23	570 (BK/WH)	Ground
24	130 (BK)	speed control, Signal return
25	3076 (YE/WH)	Accelerator pedal position sensor, monitor 3
26	3091 (LB/BK)	Accelerator pedal position sensor, monitor 1
27	-	not used
28	307 (BK/YE)	Brake pressure switch (28284), input
29	3093 (WH/LB)	Accelerator pedal position sensor, Reference voltage 2
30	3090 (VT)	Generator/Battery indicator, control
31	151 (LB/BK)	Speed control switch, input
32	914 (TN/OG)	Standard Corporate Protocol (SCP) data +
33	359 (GY/RD)	Signal return
34	361 (RD)	Voltage supplied in Start and Run (overload protected)
35	679 (GY/BK)	Vehicle Speed Sensor (VSS), signal
36	**224 (TN/WH)	Tow/Haul switch, signal
36	**306 (TN/LB)	Clutch pedal position switch
37	3075 (YE)	Accelerator pedal position sensor, monitor 2
38	356 (DB/LG)	Barometric Absolute Pressure (BAP) sensor, monitor

Ford Ranger Tdci Ecu Pinout

KJ Lindholm-Leary



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