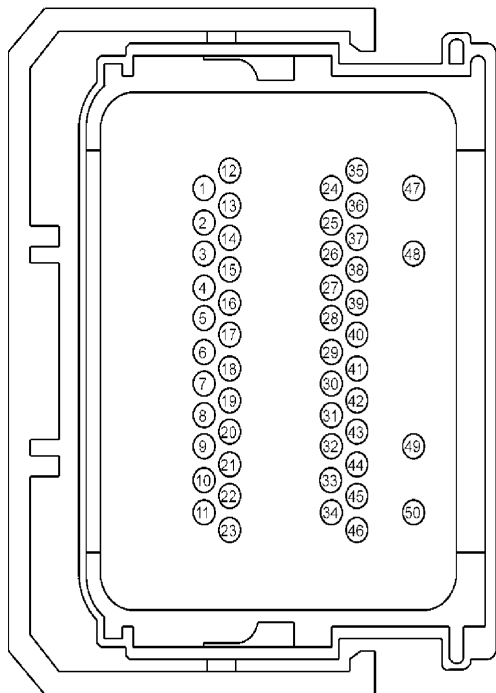


2008 Ford Truck Ranger 2WD L4-2.3L

Vehicle > Powertrain Management > Relays and Modules - Powertrain Management > Relays and Modules - Computers and Control Systems > Engine Control Module > Diagrams

Connector: C175B **Description:** POWERTRAIN CONTROL MODULE (PCM) **Harness:** 12B637 **Base Part #:** 12A650



Pin	Circuit	Gauge	Circuit Function	Qualifier
1	VCM05 (VT-OG)	20	CTRL MOD. - VEHICLE SPEED OUTPUT (VSOUT)	
2	CDC12 (YE)	20	CTRL MOD. - POWERTRAIN # STARTER MOTOR CONTROL (SMC)	
3	VE922 (VT-GN)	20	TRANSDUCER - FUEL TANK PRESSURE (FTPT)	
4	*	*	not used	
5	*	*	not used	
6	*	*	not used	
7	CBP21 (BU-GY)	20	FUSE - 21 OR CIRCUIT BREAKER	M/T
7	CET40 (GN-OG)	20	SWITCH - TRANSMISSION RANGE # PARK/NEUTRAL (TRSW-PN)	A/T
8	CCB15 (BN-GN)	20	SWITCH - BRAKE PEDAL POSITION (BPP) NORMAL CLOSED	
9	*	*	not used	
10	GD108 (BK-VT)	18	GROUND - CHASSIS/BATTERY	
11	VDB04 (WH-BU)	20	CONNECTOR - DIAGNOSTIC # CAN BUS HIGH SPEED HIGH	
12	VE225 (YE-OG)	20	CTRL MOD. - POWERTRAIN # FUEL PUMP MODULE COMMAND (FPC)	
13	CE114 (GN-BU)	20	CTRL MOD. - POWERTRAIN # CANISTER VENT SOLENOID (CANVNT)	
14	CH302 (WH-BN)	20	CTRL MOD. - POWERTRAIN # A/C CLUTCH CONTROL RELAY/WOT AC CUTOFF (ACCR)	
15	CH425 (GN-BU)	20	SWITCH - AC HEAD PRESSURE (ACPSW)	
16	*	*	not used	
17	*	*	not used	
18	*	*	not used	
19	*	*	not used	
20	*	*	not used	
21	VE518 (BN-WH)	18	MONITOR - FUEL PUMP (FPM)	
22	*	*	not used	
23	VDB05 (WH)	20	CONNECTOR - DIAGNOSTIC # CAN BUS HIGH SPEED LOW	
24	*	*	not used	
25	*	*	not used	
26	*	*	not used	
27	*	*	not used	
28	*	*	not used	
29	CET34 (BN-GN)	20	SWITCH - TRANSMISSION CONTROL/OVERDRIVE CANCEL (TCS)	
30	*	*	not used	
31	*	*	not used	
32	*	*	not used	
33	CDC36	20	SWITCH - START INTERLOCK	M/T