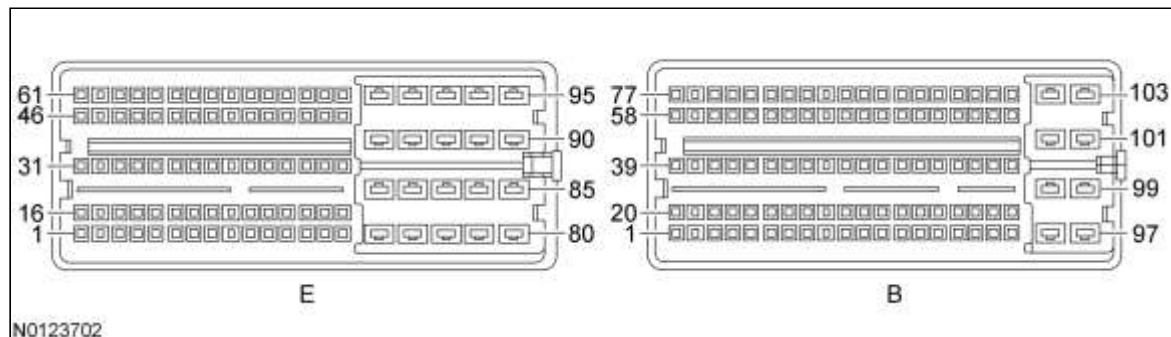


6.8L Motorhome / Stripped Chassis / Step Van

198 Pin PCM



Typical Diagnostic Reference Values

Inputs	Component/PID Only	Measured/PID Values				Units Measured/PID
		KOEO	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
AC_REQ	PID	NO	NO	NO	NO	YES/NO
APP	APP Sensor	0	0	10	21	%
APP1	APP Sensor	0.79	0.79	1.11	1.46	VOLTS
APP1 (APP_D)	APP Sensor	15.68	15.68	22.35	29.02	%
APP2	APP Sensor	0.40	0.40	0.57	0.74	VOLTS
APP2 (APP_E)	APP Sensor	7.84	7.84	11.37	14.90	%
APP_MAXDIFF	PID	0	0	-0.06	-0.06	DEG
APP_MODE	PID	NO PEDAL	NO PEDAL	PART PEDAL	PART PEDAL	NO PEDAL/ PART PEDAL
B+	PID	12.44	14.11	14.31	14.19	VOLTS
BARO	PID	91 (13.20)/ 148.79	91 (13.20)/ 148.79	91 (13.20)/ 148.79	95 (13.78)/ 152.45	kPa (PSI)/ Hz
BOO1	BPP Switch	OFF	OFF	OFF	OFF	ON/OFF
BOO2	BPP Switch	OFF	OFF	OFF	OFF	ON/OFF
BRKOV RD_POSS	PID	1	1	2	2	NUMERIC VALUE
BRKOV R_ACTION	PID	0	0	0	0	NUMERIC VALUE
CHT	CHT Sensor	0.62/89 (192.20)	0.60/90 (194)	3.47/95 (203)	3.40/96 (204.80)	VOLTS/DEG C (DEG F)
CLRDIST	PID	0.99 (0.62)	0.99 (0.62)	0.99 (0.62)	2.99 (1.86)	KM (MILES)

Inputs	Component/PID Only	Measured/PID Values				Units Measured/PID
		KOEO	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
DECHOKE	PID	NO	NO	NO	NO	YES/NO
DIST_ BRKOV RD	PID	0.50 (0.31)	0.50 (0.31)	0.99 (0.62)	2.99 (1.86)	KM (MILES)
DTCCNT	PID	2	2	2	2	Numeric Value
EONV_RDY	PID	NOT READY	NOT READY	NOT READY	NOT READY	READY/NOT READY
EQ_RAT11	PID	0:1	0:1	14.86:1	14.58:1	RATIO
EQ_RAT21	PID	0:1	0:1	14.94:1	14.59:1	RATIO
ETC_ACT	PID	7.79	2.34	6.82	15.87	DEG
ETC_TRIM	PID	0.11	0.11	0.03	0.05	DEG
FLI	Fuel Level Sensor	45.49 (H)	45.88 (H)	35.29 (H)	44.70 (H)	%
FPM	PID	40.59	39.60	39.60	40.58	%
FTP	FTP Sensor	2.36/-452 Pa (-0.07)	2.47/-254 Pa (-0.04)	1.47/-2.01 (-0.29)	1.32/-2.27 (-0.33)	VOLTS/kPa (PSI)
HTRCM11	HO2S11 Sensor	0	0	0	0	mA
HTRCM12	HO2S12 Sensor	0	0	0	0	mA
HTRCM21	HO2S21 Sensor	0	0	0	0	mA
IACKAM2_TRQ	PID	-4.46 (-3.29)	-4.73 (-3.49)	3 (2.21)	-0.89 (-0.66)	Nm (lb-ft)
IAT	IAT Sensor	3.52/2 (35.60)	3.61/0 (32)	3.83/-5 (23)	3.86/-6 (21.2)	VOLTS/DEG C (DEG F)
INJPWR_M	PID	12.41	14.10	14.14	14.10	VOLTS
KEYST	Ignition Switch	ON	ON	ON	ON	ON/OFF
KNOCK_1	KS1 Sensor	0	95	246	201	COUNT
KNOCK_2	KS2 Sensor	0	102	215	165	COUNT
LOAD	PID	0.00 (I)	21.56	46.27	81.17	%
LONGFT1	PID	(I)	-20 TO +20	-20 TO +20	-20 TO +20	%
LONGFT2	PID	(I)	-20 TO +20	-20 TO +20	-20 TO +20	%
MAF	MAF Sensor	0	8.49	36.83	86.36	g/s
MAF_HZ	MAF Sensor	699.25 Hz	2.52	4.63	6.43	kHz
MIL_DIS	PID	0.99 (0.62)	0.99 (0.62)	14.99 (9.31)	12.99 (8.07)	KM (MILES)
MISFIRE	PID	NO	NO	NO	NO	YES/NO
MP_LRN	PID	YES	YES	YES	YES	YES/NO
NUM_ MISFIRE	PID	0	0	23	17	COUNT
O2BANK1	PID	LEAN	LEAN	LEAN	LEAN	RICH/LEAN
O2BANK2	PID	LEAN	LEAN	LEAN	LEAN	RICH/LEAN
O2S11_CUR	HO2S11 Sensor	(I)	switching	switching	switching	mA/uA
O2S11_ IMPED	HO2S11 Sensor	5	0.09	0.09	0.09	VOLTS

Inputs	Component/PID Only	Measured/PID Values				Units Measured/PID
		KOEO	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
O2S11_READY	HO2S11 Sensor	NO	NO	YES	YES	YES/NO
O2S11_TR	HO2S11 Sensor	0	0	0	0	Kohm
O2S12	HO2S12 Sensor	(I)	switching (D)	switching (D)	switching (D)	VOLTS
O2S21_CUR	HO2S21 Sensor	(I)	switching	switching	switching	mA/uA
O2S21_IMPED	HO2S21 Sensor	5	0.09	0.09	0.09	VOLTS
O2S21_READY	HO2S21 Sensor	NO	NO	YES	YES	YES/NO
O2S21_TR	HO2S21 Sensor	0	0	0	0	Kohm
RO2FT1	PID	0	-0.74	-1.23	1.25	%
RO2FT2	PID	0	-0.74	-1.23	1.25	%
RPM	CKP Sensor	0	729.25	1384	1924	RPM
SHRTFT1	PID	(I)	-10 TO +10	-10 TO +10	-10 TO +10	%
SHRTFT2	PID	(I)	-10 TO +10	-10 TO +10	-10 TO +10	%
SYNC	PID	NO	YES	YES	YES	YES/NO
TP1	ETBTPS	4.09/18.03	4.32/13.33	4.06/18.82	3.71/25.49	VOLTS/%
TP1_LRN_TRIM	ETBTPS	15.62	15.62	15.62	15.62	DEG
TP2	ETBTPS	1.20/23.92	0.72/14.11	1.24/25.49	1.96/39.21	VOLTS/%
TP2_LRN_TRIM	ETBTPS	7.62	7.62	7.62	7.62	DEG
TP_MAXDIFF	PID	-0.18	0	0	-0.25	%
TQ_CNTRL	PID	NONE REQUESTED	IDLE SPEED CONTROL	NONE REQUESTED	NONE REQUESTED	STATUS
VSS	PID	0	0	48 km/h (30 MPH)	89 km/h (55 MPH)	km/h / MPH

Outputs	Component/PID Only	Measured/PID Values				Units Measured/PID
		KOEO	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
CYL_1-10_ACCL	PID	(I)	-1 TO +1	-1 TO +1	-1 TO +1	NUMERIC VALUE
ETC [TAC_PCT]	PID	9.41	2.74	8.23	19.21	%
EVAP020C	PID	NO	NO	NO	NO	YES/NO
EVAPCP	EVAPCP Valve	0	0	64.61	100	%
EVAPCV	CANV Valve	0/OFF	0/OFF	0/OFF	0/OFF	%/ON-OFF
EVAPSOAK	PID	NO	NO	NO	NO	YES/NO

Outputs	Component/PID Only	Measured/PID Values				Units Measured/PID
		KOEO	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
EVAPSTA	PID	NOT RUNNING	NOT RUNNING	NOT RUNNING	NOT RUNNING	STATUS
FP	Fuel Pump Control Module	75/OFF	31.26/ON	31.16/ON	31.21/ON	%/ON/OFF
FUELSYS	PID	OPEN LOOP	OPEN LOOP	CLOSED LOOP	CLOSED LOOP	OPEN LOOP/ CLOSED LOOP
HTR11	HO2S11 Sensor	OFF	ON	ON	ON	VOLTS/ON/ OFF
HTR12	HO2S12 Sensor	OFF	ON	ON	ON	VOLTS/ON/ OFF
IACRIM_TRQ	PID	0	0	0	0	Nm (lb-ft)
IMTV	IMTV Solenoid	OFF	OFF	OFF	OFF	ON/OFF
INJ1-10_OFF	Injector 1–10	----	----	----	----	-----/ DISABLE
MIL	PID	OFF	OFF	OFF	OFF	ON/OFF
O2S11_HTR	HO2S11 Sensor	20	50.98	34.90	32.94	%
O2S21_HTR	HO2S21 Sensor	20	35.29	29.41	26.66	%
O2_DS_ DISBL	PID	YES	YES	NO	NO	YES/NO
SPARKADV	PID	10	14	29.50	26.75	DEG

Other	Component/PID Only	Measured/PID Values				Units Measured/PID
		KOEO	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
VPWR	PID	VBAT	VBAT	VBAT	VBAT	VOLTS
VREF	PID	5	5	5	5	VOLTS