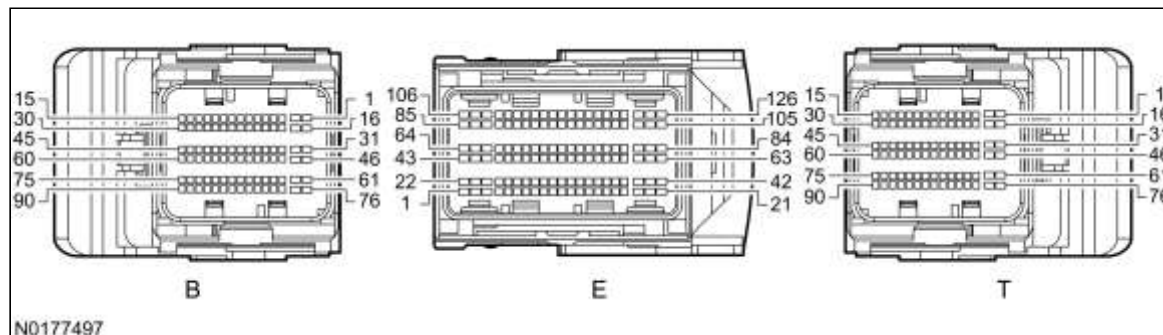


7.3L Motorhome / Stripped Chassis / Step Van

306 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)	
AAT	AAT Sensor	12 (53.6)	12 (53.6)	12 (53.6)	12 (53.6)	DEG C (DEG F)
AAT_V	AAT Sensor	3.28	3.29	3.34	3.40	VOLTS
APP	APP Sensor	0	0	10	8	%
APP1	APP Sensor	0.80	0.80	1.11	1.06	VOLTS
APP1_ [APP_D]	APP Sensor	16	16	22	21	%
APP2	APP Sensor	0.42	0.42	0.57	0.54	VOLTS
APP2_ [APP_E]	APP Sensor	8	8	11	11	%
APP_ MAXDIFF	PID	0.00	0.00	0.00	0.00	DEG
BARO	PID	99.00 (14.36)	99.00 (14.36)	99.00 (14.36)	99.00 (14.36)	kPa (PSI)/
BARO_V	PID	3.89	3.89	3.90	3.90	VOLTS
BATT_V_INF	PID	12.02	14.43	14.50	14.53	VOLTS
BOO1	BPP Switch	FALSE	FALSE	FALSE	FALSE	TRUE/FALSE
BOO2	BPP Switch	FALSE	FALSE	FALSE	FALSE	TRUE/FALSE
BRKOV RD_ POSS	PID	33	33	34	34	NUMERIC VALUE
BRKOV R_ ACTION	PID	0	0	0	0	NUMERIC VALUE
CAM_SYNC	PID	NO	NO	NO	NO	YES/NO
CATTEMP11	CAT11 Sensor	220 (428)	230 (446)	253 (487.4)	471 (879.8)	DEG C (DEG F)
CATTEMP12	CAT12 Sensor	220 (428)	230 (446)	253 (487.4)	471 (879.8)	DEG C (DEG F)

Inputs	Component/PID Only	Measured/PID Values				Units Measured/PID
		KOEO	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
CHT	CHT Sensor	76 (168.8)	77 (170.6)	86 (186.8)	97 (206.6)	DEG C (DEG F)
CHT_V	CHT Sensor	0.83	0.81	0.63	3.48	VOLTS
CLRDIST	PID	0 (0)	0 (0)	0 (0)	2 (1.24)	KM (MILES)
DECHOKE	PID	YES	NO	NO	NO	YES/NO
DIST_ BRKOVDR	PID	24 (14.91)	24 (14.91)	24.5 (15.22)	26 (16.16)	KM (MILES)
DTCCNT	PID	0	0	0	0	NUMERIC VALUE
DTCCNT_OBD	PID	0	0	0	0	NUMERIC VALUE
ECT	ECT Sensor	69 (156.2)	68 (154.4)	76 (168.8)	87 (188.6)	DEG C (DEG F)
EQ_RAT11	PID	0.00	0.99	0.99	1.02	RATIO
EQ_RAT21	PID	0.00	1.00	0.98	1.02	RATIO
ETC_ACT	PID	7.99	3.29	8.31	13.66	DEG
ETC_TRIM	PID	0 (J)	0 (J)	0 (J)	0 (J)	DEG
FLI	Fuel Level Sensor	31 (H)	31 (H)	35 (H)	35 (H)	%
FPM	PID	39	40	40	40	%
FTP_V	FTP Sensor	2.62	2.62	2.46	2.12	VOLTS
HTRCM11	HO2S11 Sensor	0.00	0.00	0.00	0.00	mA
HTRCM12	HO2S12 Sensor	0.00	0.00	0.00	0.00	mA
HTRCM21	HO2S21 Sensor	0.00	0.00	0.00	0.00	mA
HTRCM22	HO2S22 Sensor	0.00	0.00	0.00	0.00	mA
IAT	IAT Sensor	22 (71.6)	16 (60.8)	17 (62.6)	14 (57.2)	DEG C (DEG F)
IAT11	IAT Sensor	22 (71.6)	16 (60.8)	17 (62.6)	14 (57.2)	DEG C (DEG F)
IAT1_V	IAT Sensor	2.85	3.11	3.09	3.20	VOLTS
IGN_SW	Ignition Switch	ON	ON	ON	ON	ON/OFF
INJPWR_M	PID	12.71	14.38	14.51	14.49	VOLTS
KNOCK_1	KS11 Sensor	999.00	26.00	78.00	62.00	COUNT
KNOCK_2	KS12 Sensor	999.00	32.00	77.00	48.00	COUNT
KNOCK_3	KS21 Sensor	999.00	20.00	46.00	25.00	COUNT
KNOCK_4	KS22 Sensor	999.00	21.00	41.00	27.00	COUNT
LOAD	PID	0.00 (I)	23	44	64	%
LOAD_ABSL	PID	0.00 (I)	16	20	35	%
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	3.29	8.96	23.88	32.60	g/s
MAF_HZ	MAF Sensor	5,031	3,348	2,556	2,346	kHz
MIL_DIS	PID	0 (0)	0 (0)	0 (0)	0 (0)	KM (MILES)
MISFIRE	PID	FALSE	FALSE	FALSE	FALSE	YES/NO TRUE/FALSE
MP_LRN	PID	TRUE	TRUE	TRUE	TRUE	YES/NO TRUE/FALSE

Inputs	Component/PID Only	Measured/PID Values				Units Measured/PID
		KOEO	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
NUM_MISFIRE	PID	0	32	9	11	COUNT
O2S11_CUR	HO2S11 Sensor	(I)	switching (C)	switching (C)	switching (C)	mA/uA
O2S11_IMPED	HO2S11 Sensor	5.00	1.05	1.05	1.05	VOLTS
O2S11_READY	HO2S11 Sensor	FALSE	TRUE	TRUE	TRUE	YES/NO TRUE/FALSE
O2S11_TR	HO2S11 Sensor	0.00	127.10	126.80	126.80	Kohm
O2S12	HO2S12 Sensor	(I)	switching (D)	switching (D)	switching (D)	VOLTS
O2S21_CUR	HO2S21 Sensor	(I)	switching (C)	switching (C)	switching (C)	mA/uA
O2S21_IMPED	HO2S21 Sensor	5.00	1.05	1.06	1.05	VOLTS
O2S21_READY	HO2S21 Sensor	FALSE	TRUE	TRUE	TRUE	YES/NO TRUE/FALSE
O2S21_TR	HO2S21 Sensor	0.00	96.50	96.50	96.50	Kohm
O2S22	HO2S22 Sensor	(I)	switching (D)	switching (D)	switching (D)	VOLTS
OCTADJ_R_LRND	PID	-0.39	-0.39	-0.39	-0.39	%
PTO	PID	OFF	OFF	OFF	OFF	ON/OFF
PTOIR_V	PID	0.00	0.00	0.00	0.00	VOLTS
RO2FT1	PID	0.00	0.01	0.01	0.03	%
RO2FT2	PID	0.00	0.01	0.01	0.03	%
RPM	CKP Sensor	0	557	1,744	1928	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_LRN_TRIM	ETBTPS	6.13	6.13	6.13	6.13	DEG
TP1_PER	ETBTPS	14	9	20	17	%
TP_REL	PID	7.5	2.4	14.5	11.0	VOLTS
VCTSYS	PID	DISABLED	ENABLED	ENABLED	ENABLED	ENABLED/ DISABLED
VCT_EXH_ACT1	PID	0.00	-0.06	48.06	45.44	DEG
VCT_EXH_DIF1	PID	0.00	0.06	-0.56	-0.50	DEG
VSS	PID	0 (0)	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)	
AEIS_ACTION	PID	0	0	0	0	NUMERIC VALUE
AEIS_POSS	PID	55	55	55	55	NUMERIC VALUE
DIST_AEIS	PID	0 (0)	0 (0)	0 (0)	0 (0)	KM (MILES)
ETC_[TAC_PCT]	PID	9	3	10	16	%
EVAP020C	PID	NO	NO	NO	NO	YES/NO
EVAPCP	EVAPCP Valve	0	4	39	89	%
EVAPCV	CANV Valve	0	0	0	0	%/ON-OFF
EVAPPCT	PID	0	4	39	88	%
EVAPSOAK	PID	NO	NO	NO	NO	YES/NO
EVAPSTA	PID	NOT RUNNING	NOT RUNNING	NOT RUNNING	NOT RUNNING	STATUS
EVBV	EVAP Vapor Blocking Valve	0	0	100	100	%/OPEN-CLOSED
FAN_DSD	PID	0	0	0	0	%
FP	Fuel Pump Control Module	75	30	30	30	%/ON/OFF
FUELSYS_CL	PID	NO	YES	YES	YES	YES/NO
FUELSYS_OL	PID	NO	NO	NO	NO	YES/NO
HFC	PID	OFF	OFF	OFF	OFF	ON/OFF
HTR11	HO2S11 Sensor	OFF	ON	ON	ON	ON/OFF
HTR12	HO2S12 Sensor	OFF	ON	ON	ON	ON/OFF
HTR21	HO2S21 Sensor	OFF	ON	ON	ON	ON/OFF
HTR22	HO2S22 Sensor	OFF	ON	ON	ON	ON/OFF
INJECTOR_OFF	Injector 1–8	----	----	----	----	-----/ DISABLE
LFC	PID	OFF	OFF	OFF	OFF	ON/OFF
MFC	PID	OFF	OFF	OFF	OFF	ON/OFF
MIL_OBD	PID	OFF	OFF	OFF	OFF	ON/OFF
O2S11_HTR	HO2S11 Sensor	22	22	21	18	%
O2S21_HTR	HO2S21 Sensor	22	22	21	18	%
O2_DS_DISBL	PID	TRUE	FALSE	FALSE	FALSE	TRUE/FALSE
PATSENABL	PID	DISABLED	DISABLED	DISABLED	DISABLED	ENABLED/ DISABLED
RPM_DSD	PID	999	599	525	525	RPM

Outputs	Component/PID Only	Measured/PID Values				Units Measured/PID
		KOEO	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
SPARKADV	PID	7.50	10.50	30.00	17.50	DEG
VCT_EXH_DC1	VCT12 Solenoid	0	0	43	43	%

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