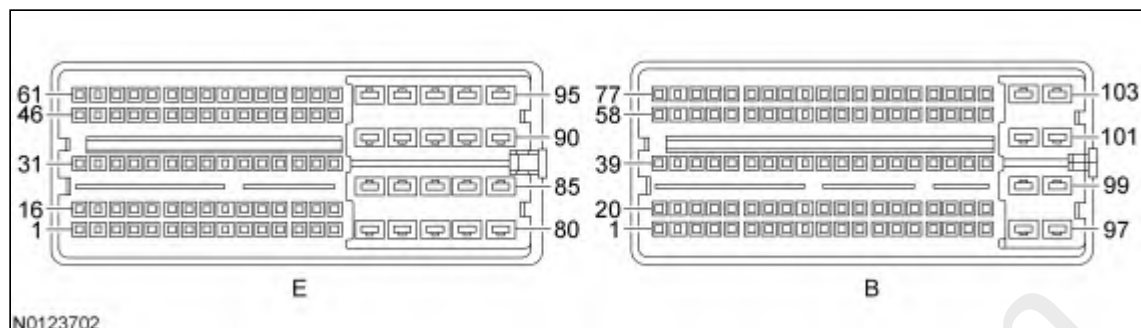


1.0L Transit Connect

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)	
AAT	AAT Sensor	1 (33.80)	18 (64.40)	0 (32)	2 (35.60)	DEG C (DEG F)
AC_REQ	PID	NO	NO	NO	NO	YES/NO
APP	APP Sensor	0	0	17	26.50	%
APP1	APP Sensor	0.78	0.78	1.30	1.58	VOLTS
APP1 (APP_D)	APP Sensor	15.29	15.29	25.88	31.37	%
APP2	APP Sensor	0.39	0.39	0.66	0.80	VOLTS
APP2 (APP_E)	APP Sensor	7.84	7.84	12.94	15.68	%
APP_MAXDIFF	PID	0	0	-0.06	0	DEG
APP_MODE	PID	NO PEDAL	NO PEDAL	PART PEDAL	PART PEDAL	NO PEDAL/ PART PEDAL
B+	PID	12.45	14.44	14.16	14.05	VOLTS
BARO	PID	3.92/99 (14.36)/ 156.11	3.92/99 (14.36)/ 156.11	3.92/99 (14.36)/ 156.11	3.92/99 (14.36)/ 156.11	VOLTS/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	11	11	12	12	NUMERIC VALUE
BRKOV R_ACTION	PID	0	0	0	0	NUMERIC VALUE

Inputs	Component/PID Only	Measured/PID Values				Units Measured/PID
		KOEO	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
CAC_T	CACT Sensor	0 (32)	0 (32)	0 (32)	0 (32)	DEG C (DEG F)
CHT2	CHT2 Sensor	99 (210.20)	106 (222.80)	102 (215.60)	106 (222.80)	DEG C (DEG F)
CHT2_V	CHT2 Sensor	3.33	3.13	3.23	3.13	VOLTS
CLRDIST	PID	219.95 (136.67)	219.95 (136.67)	219.95 (136.67)	221.95 (137.91)	KM (MILES)
CPP_BOT	CPP Switch	NO	NO	NO	NO	YES/NO
CRNKAS_PRS	B15	0 (0)	74 (10.73)	2 (0.29)	51 (7.40)	Pa (PSI)
CRNKAS_P_V	B15	3.97	3.96	3.93	3.95	VOLTS
DECHOKE	PID	YES	NO	NO	NO	YES/NO
DIST_BRKOVDR	PID	94.44 (58.68)	94.44 (58.68)	99.93 (62.09)	98.43 (61.16)	KM (MILES)
DTCNT	PID	0	0	0	0	Numeric Value
ECT	ECT Sensor	0.63/88 (190.40)	0.58/91 (195.80)	0.59/90 (194)	0.56/92 (197.60)	VOLTS/DEG C (DEG F)
EONV_RDY	PID	NOT READY	NOT READY	NOT READY	NOT READY	READY/NOT READY
EQ_RAT11	PID	0:1	14.35:1	14.47:1	14.56:1	RATIO
ETC_ACT	PID	13.70	0.08	1.60	14.11	DEG
ETC_TRIM	PID	-0.62	-0.62	-1	-1	DEG
FLI	Fuel Level Sensor	98.82 (H)	98.82 (H)	89.02 (H)	98.82 (H)	%
FLP	Fuel Pressure Sensor	559 (81.08)	625.50 (90.72)	637 (92.39)	621 (90.07)	kPa (PSI)
FLP_V	Fuel Pressure Sensor	3.58	4.00	4.08	3.97	VOLTS
FPM	PID	39.39	39.40	40.84	40.32	%
FRP	FRP Sensor	1.46/4.82 (699.08)	1.11/3.09 (448.17)	1.24/3.65 (529.39)	2.17/8.41 (1219.77)	VOLTS/MPa (PSI)
FTP	FTP Sensor	2.61/-5 (0)	2.61/-5 (0)	2.58/-65 (-0.01)	2.59/ (-0.01)	VOLTS/Pa (PSI)
HTRCM12	HO2S12 Sensor	0	0	1.42	1.42	A
IAT	IAT Sensor	1.85/38 (100.40)	1.95/35 (95)	3.31/7 (44.60)	3.28/7 (44.60)	VOLTS/DEG C (DEG F)
KEYST	Ignition Switch	ON	ON	ON	ON	ON/OFF
KNOCK_1	KS1 Sensor	198	43	24	20	COUNT
LOAD	PID	0.00 (I)	20.39	20.39	36.86	%
MAP	MAP Sensor	99 (14.36)	54 (7.83)	61 (8.85)	87 (12.62)	kPa (PSI)
MAP_GAUGE	MAP Sensor	2 (0.29)	47 (6.82)	40 (5.80)	14 (2.03)	kPa (PSI)
MAP_V	MAP Sensor	1.60	0.92	1.05	1.42	VOLTS
MIL_DIS	PID	0 (0)	0 (0)	0 (0)	0 (0)	KM (MILES)
MISFIRE	PID	NO	NO	NO	NO	YES/NO
MP_LRN	PID	YES	YES	YES	YES	YES/NO

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	2	5	5	COUNT
O2S11_CUR	HO2S11 Sensor	(I)	switching	switching	switching	mA/uA
O2S11_IMPED	HO2S11 Sensor	4.93	1	1	1	VOLTS
O2S11_READY	HO2S11 Sensor	NO	YES	YES	YES	YES/NO
O2S11_TR	HO2S11 Sensor	0	0	0	0	Kohm
O2S12	HO2S12 Sensor	(I)	switching (D)	switching (D)	switching (D)	VOLTS
OCTADJ_R_LRND	PID	-36.93	-36.93	-36.93	-36.29	%
RPM	CKP Sensor	0	1158	1693.50	2092	RPM
SYNC	PID	NO	YES	YES	YES	YES/NO
TCBP	TCBP Sensor	99.48 (14.43)	101.41 (14.71)	100.44 (14.57)	110.09 (15.97)	kPa (PSI)
TCBP_V	TCBP Sensor	1.60	1.63	1.62	1.76	VOLTS
TP1	ETBTPS	3.85/22.74	4.39/12.15	4.24/14.90	3.71/25.49	VOLTS/%
TP1_LRN_TRIM	ETBTPS	15.37	15.37	15.37	15.37	DEG
TP2	ETBTPS	1.13/22.74	0.60/11.76	0.74/14.51	1.28/25.49	VOLTS/%
TP2_LRN_TRIM	ETBTPS	15.12	15.12	15.12	15.12	DEG
TP_MAXDIFF	PID	-0.06	0	0	-0.12	%
TURBO_BP1_STAT	TCBY Valve	NO FAULT	NO FAULT	NO FAULT	NO FAULT	FAULT/ NO FAULT
VCTSYS	PID	OPEN LOOP	CLOSED LOOP	CLOSED LOOP	CLOSED LOOP	OPEN LOOP/ CLOSED LOOP
VCT_EXH_ACT1	PID	0	-0.31	34.87	34.93	DEG
VCT_EXH_DIF1	PID	0	0.31	0.06	0	DEG
VCT_INT_ACT1	PID	0	0.18	-17.31	-15.68	DEG
VCT_INT_DIF1	PID	0	-0.25	0.31	0.18	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

Outputs	Component/PID Only	Measured/PID Value(s)				Units Measured/PID
		KOEO	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
		KOEO	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
CACC_FAN	Charge Air Cooler Cooling Fan	0	0	0	0	%
CACC_FANSTAT	Charge Air Cooler Cooling Fan	NO FAULT	NO FAULT	NO FAULT	NO FAULT	STATUS
CYL_1-3_ACCL	PID	(I)	-1 TO +1	-1 TO +1	-1 TO +1	NUMERIC VALUE
ETC [TAC_PCT]	PID	10.98	0	1.56	17.25	%
EVAP020C	PID	NO	NO	NO	NO	YES/NO
EVAPCP	EVAPCP Valve	0	96.92	92.95	100	%
EVAPCV	CANV Valve	0/OFF	0/OFF	0/OFF	0/OFF	%/ON-OFF
EVAPSOAK	PID	NO	NO	NO	NO	YES/NO
EVAPSTA	PID	NOT RUNNING	NOT RUNNING	NOT RUNNING	NOT RUNNING	STATUS
FANDC	PID	7.84	7.84	7.84	7.84	%
FAN_DSD	PID	7.99	7.99	7.99	7.99	%
FP	Fuel Pump Control Module	75/OFF	25.12/ON	26.11/ON	25.67/ON	%/ON/OFF
FUELSYS	PID	OPEN LOOP	CLOSED LOOP	CLOSED LOOP	CLOSED LOOP	OPEN LOOP/ CLOSED LOOP
F_VCV	Fuel Injection Pump	0	7.03	11.12	2.46	%
HTR11	HO2S11 Sensor	OFF	ON	ON	ON	VOLTS/ON/ OFF
HTR12	HO2S12 Sensor	OFF	ON	ON	ON	VOLTS/ON/ OFF
INJ1-3_OFF	Injector 1-3	----	----	----	----	----/ DISABLE
LONGFT1	PID	(I)	-20 TO +20	-20 TO +20	-20 TO +20	%
MIL	PID	OFF	OFF	OFF	OFF	ON/OFF
O2S11_HTR	HO2S11 Sensor	0	33.72	27.05	25.88	%
O2_DS_ DISBL	PID	YES	NO	NO	NO	YES/NO
PATSENABL	PID	DISABLED	ENABLED	ENABLED	ENABLED	ENABLED/ DISABLED
RO2FT1	PID	0	-1.73	-1.72	1.51	%
SHRTFT1	PID	(I)	-10 TO +10	-10 TO +10	-10 TO +10	%
SPARKADV	PID	10	-14.75	30	8.25	DEG
TQ_CNTRL	PID	ANTI THEFT	IDLE SPEED CONTROL	NONE REQUESTED	TORQUE BASED DECEL	STATUS
TURBO_ BPASS	TCBY Valve	OFF	OFF	OFF	OFF	ON/OFF

Outputs	Component/PID Only	Measured/PID Values				Units Measured/PID
		KOEO	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
TURBO_WGATE	Turbocharger Wastegate Regulating Valve Solenoid	16.95	57.34	22.01	14.99	%
VCT_EXH_DC1	VCT12 Solenoid	0	0	42.25	45.14	%
VCT_INT_DC1	VCT11 Solenoid	0	0	37.63	39.83	%

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