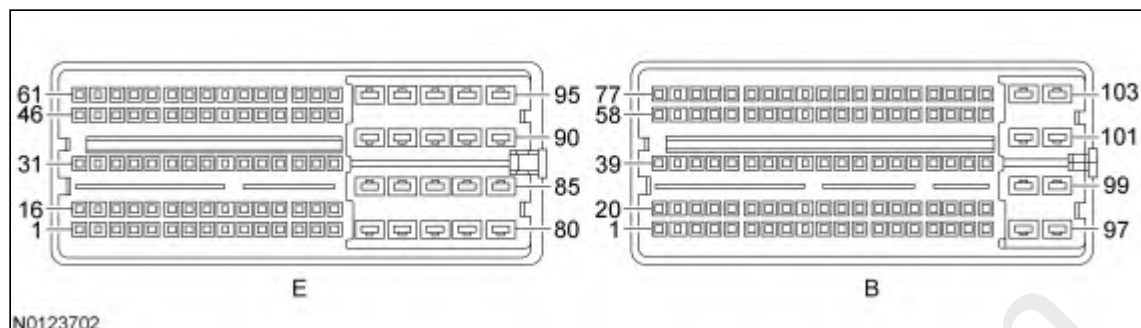


1.5L Transit Connect

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	8 (46.4)	7 (44.6)	3 (37.4)	2 (35.6)	DEG C (DEG F)
AAT_V	AAT Sensor	3.61	3.65	3.81	3.86	VOLTS
AC_REQ	PID	OFF	OFF	OFF	OFF	ON/OFF
APP	APP Sensor	0	0	16	15	%
APP1	APP Sensor	0.78	0.78	1.36	1.34	VOLTS
APP1 (APP_D)	APP Sensor	15	15	27	27	%
APP2	APP Sensor	0.39	0.39	0.69	0.68	VOLTS
APP2 (APP_E)	APP Sensor	15	15	27	27	%
APP_MODE	PID	NO PEDAL	NO PEDAL	PART PEDAL	PART PEDAL	NO PEDAL/ PART PEDAL
BARO	PID	99 (14.36)	99 (14.36)	99 (14.36)	99 (14.36)	kPa (PSI)
BOO1	BPP Switch	FALSE	FALSE	FALSE	FALSE	TRUE/FALSE
BOO2	BPP Switch	FALSE	FALSE	FALSE	FALSE	TRUE/FALSE
BRKOV RD_POSS	PID	44	44	45	45	NUMERIC VALUE
BRKOV R_ACTION	PID	0	0	0	0	NUMERIC VALUE
CACCT	CAC Coolant Temperature Sensor	17 (62.6)	17 (62.6)	15 (59)	6 (42.8)	DEG C (DEG F)
CACCT_V	CAC Coolant Temperature Sensor	3.30	3.29	3.42	3.82	VOLTS

Inputs	Component/PID Only	Measured/PID Values				Units Measured/PID
		KOEO	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
CACT_V	CAC Coolant Temperature Sensor	1.69	1.67	2.30	2.96	VOLTS
CAC_T_11	CAC Sensor	45 (113)	46 (114.8)	31 (87.8)	17 (62.6)	DEG C (DEG F)
CHT2_V	CHT2 Sensor	0.83	0.83	0.62	3.26	VOLTS
CLRDIST	PID	1 (0.62)	1 (0.62)	1 (0.62)	3 (1.86)	KM (MILES)
DECHOKE	PID	NO	NO	NO	NO	YES/NO
DEF_CON	Reductant Level Sensor	33	33	33	33	%
DEF_LVL	Reductant Level Sensor	100	100	100	100	%
DEF_T	Reductant Level Sensor	14 (57.2)	14 (57.2)	14 (57.2)	14 (57.2)	DEG C (DEG F)
DIST_ BRKOVDR	PID	81 (50.33) (E)	81 (50.33) (E)	81 (50.33) (E)	82 (50.95) (E)	KM (MILES)
DPF_INP	DPFP11 Sensor	0	1 (0.15)	5.40 (0.78)	10.60 (1.54)	kPa (PSI)
DPF_INP_V	DPFP11 Sensor	0.45	0.55	0.74	1.03	VOLTS
DPF_REGEN_PCT	PID	8.24	8.24	8.24	8.24	%
DPF_REGN_ _AVGD	PID	346 (214.99) (C)	346 (214.99) (C)	346 (214.99) (C)	346 (214.99) (C)	KM (MILES)
DPF_SOOT_ INF	PID	3.35	3.35	3.67	3.86	Grams/Liters
DPF_SOOT_ LOAD	PID	0	0	0	0	NUMERIC VALUE
DPF_V	DPFP11 Sensor	0.45	0.55	0.74	1.02	VOLTS
DTCCNT	PID	0	0	0	0	NUMERIC VALUE
ECT1	ECT Sensor	93 (199.4)	93 (199.4)	92 (197.6)	92 (197.6)	DEG C (DEG F)
ECT1_V	ECT Sensor	0.81	0.81	0.82	0.82	VOLTS
EGRCOT_V	EGRT12 Sensor	3.04	2.88	2.86	3.24	VOLTS
EGRT_C	EGRT12 Sensor	80 (176)	84 (183.2)	84 (183.2)	72 (161.6)	DEG °C (°F)
EGRVP	EGR Valve	0.72	1.39	1.45	1.77	VOLTS
EGR_A_ACT	EGR Valve	1	21	20	31	%
EGT11	EGT11 Sensor	205 (401)	205 (401)	255 (491)	360 (680)	DEG °C (°F)
EGT11_V	EGT11 Sensor	1.30	1.30	1.40	1.58	VOLTS
EGT12	EGT12 Sensor	240 (464)	250 (482)	230 (446)	275 (527)	DEG °C (°F)
EGT12_V	EGT12 Sensor	1.37	1.39	1.35	1.44	VOLTS
EGT13	EGT13 Sensor	220 (428)	235 (455)	230 (446)	235 (455)	DEG °C (°F)
EGT13_V	EGT13 Sensor	1.33	1.35	1.35	1.35	VOLTS
EOP_PRESS	EOP Sensor	101 (14.65)	286 (41.48)	515 (74.69)	432 (62.66)	kPa (psi)
EOT	EOT Sensor	93 (199.4)	94 (201.2)	93 (199.4)	94 (201.2)	DEG C (DEG F)
FLI	Fuel Level Sensor	83 (A)	83 (A)	83 (A)	83 (A)	%
FLP	Fuel Pressure And Temperature Sensor	128 (18.56)	551 (79.92)	545 (79.05)	549 (79.63)	kPa (PSI)

Inputs	Component/PID Only	Measured/PID Values				Units Measured/PID
		KOEO	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
FPM	PID	40	40	40	40	%
FRP_A	FRP Sensor	18.67 (2707.86)	26.59 (3856.55)	106.64 (15466.82)	119.84 (17381.32)	MPa (PSI)
FRT	FRT Sensor	25 (77)	25 (77)	25 (77)	25 (77)	DEG C (DEG F)
FRT_A	FRT Sensor	25 (77)	25 (77)	25 (77)	25 (77)	DEG C (DEG F)
FRT_A_RAW	FRPT Sensor	25 (77)	25 (77)	25 (77)	25 (77)	DEG C (DEG F)
FRT_V	FRT Sensor	1.88	1.92	1.87	1.92	VOLTS
IAT11	IAT Sensor	15 (59)	12 (53.6)	10 (50)	8 (46.4)	DEG C (DEG F)
IAT12	IAT2 Sensor	42 (107.6)	38 (100.4)	25 (77)	16 (60.8)	VOLTS/DEG C (DEG F)
IAT1_V	IAT Sensor	2.91	3.05	3.14	3.21	VOLTS
IAT	IAT Sensor	15 (59)	12 (53.6)	10 (50)	8 (46.4)	VOLTS/DEG C (DEG F)
LOAD	PID	0.00 (B)	19	92	95	%
MAF	MAF Sensor	1.66	5.97	36.22	50.69	g/s
MAF_HZ	MAF Sensor	948	2681	5970	6856	kHz
MAP	MAP Sensor	99 (14.36)	101 (14.65)	191 (27.70)	243 (35.24)	kPa (PSI)
MAP_V	MAP Sensor	1.22	1.23	2.48	3.16	VOLTS
MIL_DIS	PID	0	0	0	0	KM (MILES)
MP_LRN	PID	TRUE	TRUE	TRUE	TRUE	TRUE/FALSE
NOx11	PID	1996	155	783	988	NUMERIC VALUE
NOx12	PID	1996	0	1996	0	NUMERIC VALUE
O2S11_PCT	PID	22	14	8	10	%
O2S12_PCT	PID	21	14	21	7	%
O2S21_PCT	PID	32.77	32.77	32.77	32.77	%
OSS_SRC	OSS Sensor	0	0	1580	2878	RPM
PM11	PID	0	0	0	0	%
PM11_ACTIVE	PID	NO	YES	NO	NO	YES/NO
PM11_REGEN	PID	NO	NO	YES	YES	YES/NO
REDUCT_LITERS	PID	15.30	15.28	15.52	15.52	Liters
REDUCT_TNK_LV	PID 6.7L Reductant Heater And Sender Assembly	100	100	100	100	%
REDUCT_TNK_T	Reductant Temperature Sensor	12 (53.6)	12 (53.6)	12 (53.6)	12 (53.6)	DEG C (DEG F)
RPM	CKP Sensor	0	778	2282	1782	RPM
SCR_LEVEL_LOW	Reductant Quality Module	NO	NO	NO	NO	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)	
SYNC	PID	NO	YES	YES	YES	YES/NO
TCBP	TCBP Sensor	99.7 (14.46)	101.3 (14.69)	105.6 (15.32)	160.4 (23.26)	kPa (PSI)
TCBP_V	TCBP Sensor	1.22	1.24	1.29	2.01	VOLTS
TP1_V	ETBTPS	0.65	0.64	0.64	0.64	VOLTS
VGT_A_POS	Turbocharger	0	94.90	76.47	91.37	%
VGT_POS_V	Turbocharger	1	3.71	3.19	3.61	VOLTS
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)	
AEIS_ACTION	PID	0	0	0	0	NUMERIC VALUE
AEIS_POSS	PID	0	0	0	0	NUMERIC VALUE
BOOSTP_EVAL	PID	NO	NO	NO	YES	YES/NO
DIST_AEIS	PID	44 (27.34)	44 (27.34)	44 (27.34)	44 (27.34)	KM (MILES)
EGRCBV	EGR Cooler Bypass Valve	0	0	0	0	%
EGRTP_CMD	PID	100	100	100	100	%
EGRVPDES	PID	0	12	14	25	%
EGR_A_CMD	PID	0	12	17	27	%
FAN_DSD	PID	7	7	7	7	%
FP	Fuel Pump Control Module	70	47	48	48	%/ON/OFF
FRP_DSD	PID	25.30 (3669.46)	26.26 (3808.69)	109.40 (15867.13)	119.64 (17352.31)	MPa (PSI)
F_VCV	Fuel Injection Pump	0	0	0	0	%
GP_LMP	PID	OFF	OFF	OFF	OFF	ON/OFF
MAP_DMD	MAP Sensor	99.75 (14.47)	100.75 (14.61)	195.25 (28.32)	247.25 (35.86)	kPa (PSI)
MIL	PID	OFF	OFF	OFF	OFF	ON/OFF
PATSENABL	PID	ENABLED	ENABLED	ENABLED	ENABLED	ENABLED/DISABLED
PCVHC	PCV Heater	0	0	0	0	%
REDUCT_FRZEN	PID	FALSE	FALSE	FALSE	FALSE	TRUE/FALSE

Outputs	Component/PID Only	Measured/PID Values				Units Measured/PID
		KOEO	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
REDUCT_RATE	PID	0	1.4	1.4	1.4	NUMERIC VALUE
RPMDSD	PID	780	780	800	800	RPM
SCR_AMMONIA	PID	3	3	3	3	grams/mg
VGTDG	PID	0	95	77	92	%

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