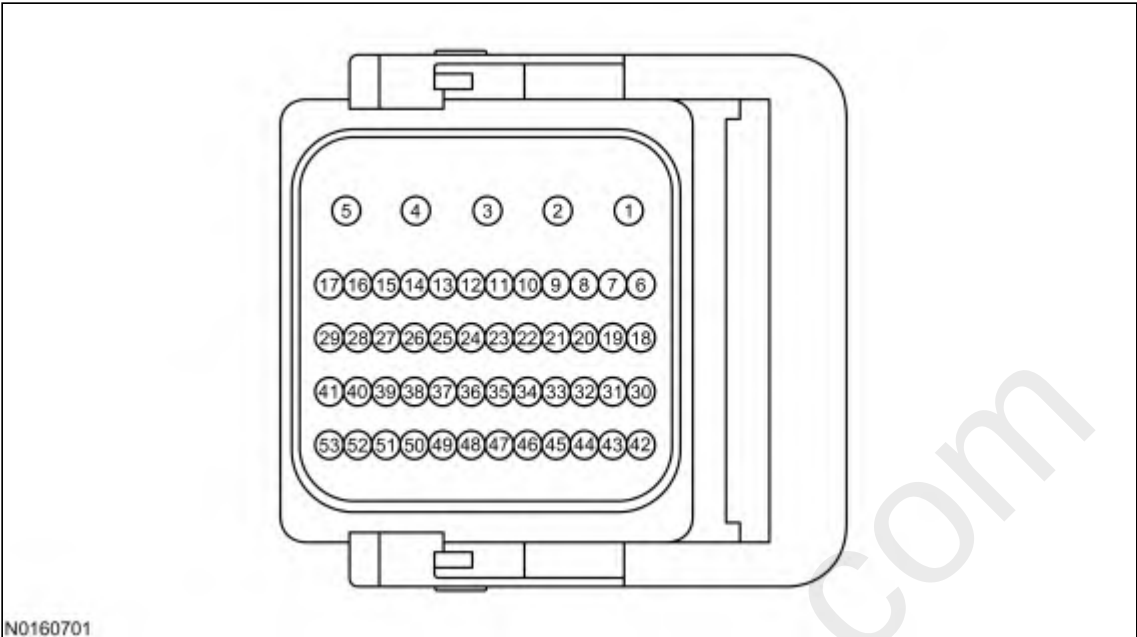
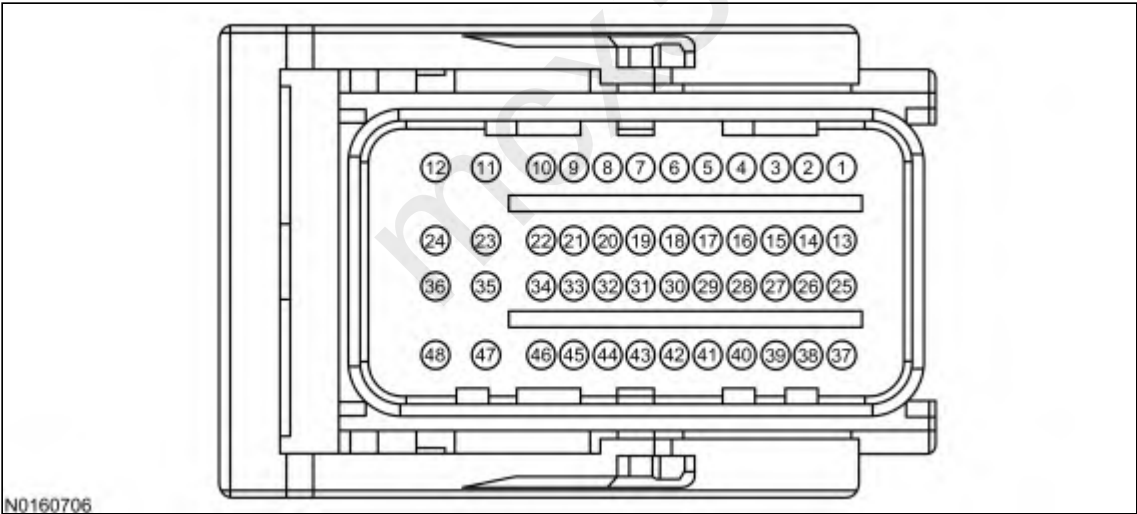


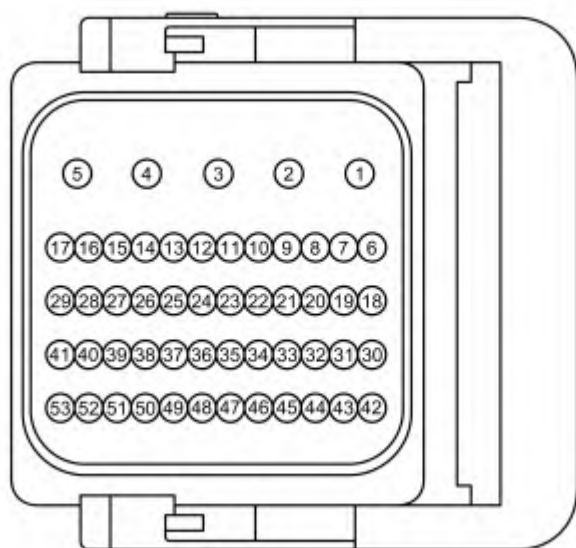
3.2L 4V Transit



N0160701
53 Pin B Connector



N0160706
48 Pin E Connector



N0160701

53 Pin T Connector

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	25 (77)	25 (77)	28 (82.4)	25 (77)	DEG C (DEG F)
AAT_V	AAT Sensor	1.09	1.09	1.01	1.10	VOLTS
APP1	APP Sensor	0.78	0.78	0.91	1.07	VOLTS
APP1 (APP_D)	APP Sensor	0	0	3.13	8.62	%
APP2	APP Sensor	0.39	0.39	0.45	0.54	VOLTS
APP2 (APP_E)	APP Sensor	0	0	1.56	7.05	%
B+	PID	12.96	14.38	14.36	14.34	VOLTS
BARO	PID	4/99 (14.36)/ 156.11	3.99/99 (14.36)/ 156.11	3.99/99 (14.36)/ 156.11	4/99 (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
BRKOVRACTION	PID	0	0	0	0	NUMERIC VALUE
BRKOVROSS	PID	185	185	186	186	NUMERIC VALUE
CAC_T	CACT Sensor	26 (78.8)	26 (78.8)	25 (77)	26 (78.8)	DEG C (DEG F)
CAC_V	CACT Sensor	3.23	3.24	3.28	3.24	VOLTS
CC_VENTHOSE_V	Crankcase Ventilation Sensor	4.17	4.27	4.27	4.28	VOLTS

Inputs	Component/PID Only	Measured/PID Values				Units Measured/PID
		KOEO	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
CLRDIST	PID	2 (1.24)	2 (1.24)	2 (1.24)	3.99 (2.48)	KM (MILES)
CLRWRMUP	PID	0	0	0	0	NUMERIC VALUE
DIST_ BRKOVDR	PID	12201.41 (7581.61) (C)	12201.41 (7581.61) (C)	12201.41 (7581.61) (C)	12201.41 (7581.61) (C)	KM (MILES)
DPF_INP	DPFP11 Sensor	0	500Pa (0.07)	2.3 (0.33)	9.5 (1.38)	kPa (PSI)
DPF_INP_V	DPFP11 Sensor	0.42	0.47	0.56	0.93	VOLTS
DTCCNT	PID	0	0	0	0	NUMERIC VALUE
ECT	ECT Sensor	45 (113)	53 (127.4)	83 (181.4)	85 (185)	DEG C (DEG F)
ECT1_V	ECT Sensor	1.95	1.62	0.73	0.69	VOLTS
EGR_A_ACT	EGR Valve	0.39	37.25	52.15	85.09	%
EGR_A_CMD	PID	0	30.58	34.11	80	%
EGRCIT_V	EGRT11 Sensor	1.09	1.19	1.27	1.64	VOLTS
EGRCOT_V	EGRT12 Sensor	2.30	1.74	1.23	1.31	VOLTS
EGRTA	EGRT11 Sensor	100 (212)	152 (305.6)	332 (629.6)	364 (687.2)	DEG C (DEG F)
EGRTC	EGRT12 Sensor	72 (161.6)	104 (219.2)	116 (240.8)	120 (248)	DEG C (DEG F)
EGRTP_MES	PID	99.60	99.60	99.60	99.60	%
EGRTP_V	Intake Throttle Actuator	0.31	0.31	0.31	0.31	VOLTS
EGRVP	EGR Valve	0.84	2	2.48	3.52	VOLTS
EGT11	EGT11 Sensor	100 (212)	120 (248)	240 (464)	310 (590)	DEG C (DEG F)
EGT11_V	EGT11 Sensor	1.07	1.12	1.36	1.48	VOLTS
EGT12	EGT12 Sensor	75 (167)	115 (239)	290 (554)	305 (581)	DEG C (DEG F)
EGT12_V	EGT12 Sensor	1.09	1.11	1.39	1.43	VOLTS
EGT13	EGT13 Sensor	45 (113)	45 (113)	255 (491)	230 (446)	DEG C (DEG F)
EGT13_V	EGT13 Sensor	0.93	0.93	1.39	1.34	VOLTS
EOT	EOT Sensor	60 (140)	59 (138.2)	95 (203)	98 (208.4)	VOLTS/DEG C (DEG F)
EOT_V	EOT Sensor	1.36	1.40	0.51	0.47	VOLTS/DEG C (DEG F)
ETC [TAC_PCT]	PID	0	0	0	0	%
EXH_MODE_ ACTIVE	PID	Normal Operating Mode	Normal Operating Mode	Normal Operating Mode	Normal Operating Mode	STATE
FLI	Fuel Level Sensor	82.35(A)	82.35(A)	81.17(A)	81.17(A)	%
FPM	Fuel Pump Control Module	40	39.89	39.96	39.92	%

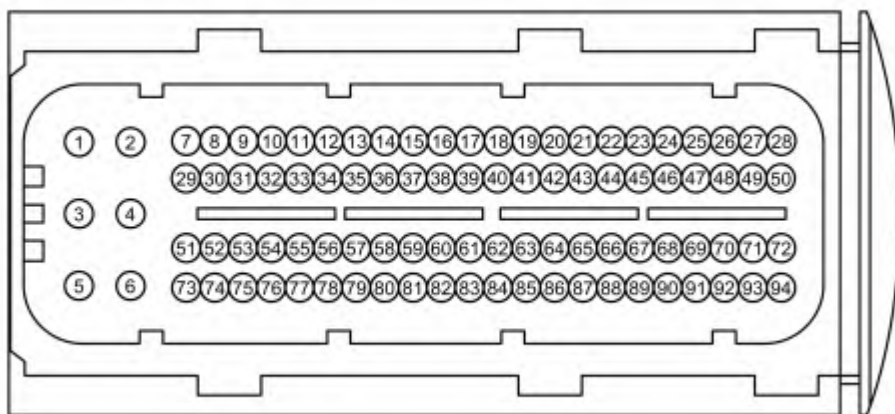
Inputs	Component/PID Only	Measured/PID Values				Units Measured/PID
		KOEO	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
FRP	FRP Sensor	0.53/3.33 (482.98)	0.99/25.62 (3715.87)	1.45/47.28 (6857.38)	1.67/142.82 (20714.29)	VOLTS/MPa (PSI)
FRT	FRT Sensor	24 (75.2)	23 (73.4)	27 (80.6)	28 (82.4)	DEG C (DEG F)
FRT_V	FRT Sensor	3.47	3.53	3.36	3.32	VOLTS
IAT	IAT Sensor	28 (82.4)	27 (80.6)	26 (78.8)	26 (78.8)	VOLTS/DEG C (DEG F)
IAT11_V	IAT Sensor	2.18	2.27	2.31	2.32	VOLTS
KEYST	Ignition Switch	ON	ON	ON	ON	ON/OFF
LOAD	PID	0.00(B)	19.21	40	96.47	%
LP_FUEL_SW	Low Pressure Fuel Switch	LOW	NOT LOW	NOT LOW	NOT LOW	LOW/NOT LOW
MAF	MAF Sensor	1.97	13.88	33.44	41.11	g/s
MAF_HZ	MAF Sensor	683.75Hz	3.18	4.52	4.90	kHz
MAP	MAP Sensor	99 (14.36)	99 (14.36)	115 (16.68)	130 (18.85)	kPa (PSI)
MAP_DMD	MAP Sensor	98.75 (14.32)	99.75 (14.47)	115.50 (16.75)	129.75 (18.82)	kPa (PSI)
MAP_V	MAP Sensor	1.60	1.62	1.82	2.06	VOLTS
MIL_DIS	PID	0	0	0	0	KM (MILES)
NOx11	PID	14	192	227	196	NUMERIC VALUE
NOxNTE_IN	PID	NO	NO	NO	NO	YES/NO
NOxNTE_OUT	PID	YES	YES	YES	YES	YES/NO
O2S11_PCT	PID	0	0	0	0	%
O2S12_PCT	PID	0	0	0	0	%
RPM	CKP Sensor	0	801	1684	1738	RPM
VAPORIZER_MES	PID	OFF	OFF	OFF	OFF	ON/OFF
VNT_POS_PER	Turbocharger	4.70	96.86	82.74	90.19	%
VGT_POS_V	Turbocharger	1.15	3.91	3.30	3.23	VOLTS
VSS	PID	0	0	48 km/h (30 MPH)	89 km/h (55 MPH)	km/h / MPH
WFS_V	WIF Sensor	4.76	4.76	4.75	4.75	VOLTS

Outputs	Component/PID Only	Measured/PID Values				Units Measured/PID
		KOEO	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
CYL_BAL_1-5	PID	-8 TO +8(B)	-8 TO +8	-8 TO +8	-8 TO +8	mg
CYL_FUELMOD_1-5	PID	100 to 106(B)	99 to 101	98 to 101	100 to 104	%

Outputs	Component/PID Only	Measured/PID Values				Units Measured/PID
		KOEO	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
EGRCBV	EGR Cooler Bypass Valve	ON	ON	OFF	OFF	ON/OFF
EGRCBV_DSD	PID	39.6	39.6	0	0	%
EGRTP_CMD	PID	0	0	0	0	%
EGRVPDES	PID	0	30.58	45.09	80	%
FAN1	PID	OFF	OFF	OFF	OFF	ON/OFF
FAN2	PID	OFF	OFF	OFF	OFF	ON/OFF
FP	Fuel Pump Control Module	74.99/OFF	47.99/ON	47.99/ON	47.99/ON	%/ON/OFF
FRP_DSD	PID	25 (3625.94)	25 (3625.94)	45.25 (6562.96)	65.77 (9539.13)	MPa (PSI)
F_VCV	Fuel Volume Control Valve	22.35	24.31	25.88	27.45	%
INJ1-5_OFF	Injector 1-5	-----	-----	-----	-----	-----/ DISABLE
NOx_ADAPT_FAC	PID	0	0	0	0	NUMERIC VALUE
PMNTE_IN	PID	NO	NO	NO	NO	YES/NO
PMNTE_OUT	PID	YES	YES	YES	YES	YES/NO
REDUCT_OPMODE	PID	OK	OK	OK	OK	STATE
REDUCT_WARN	PID	Under Half Full	Under Half Full	Under Half Full	Under Half Full	STATE
VAPORIZER_CMD	PID	OFF	OFF	OFF	OFF	ON/OFF
VFDES	PID	19	9	13	42	NUMERIC VALUE
VGTD	PID	4.70	96.86	82.74	92.54	%

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

Reductant Dosage Control Module



N0160716

Reductant Dosage Control Module Inputs	Component/PID Only	Measured / PID Values				Units Measured / PID
		Ignition On Engine Off	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
REDUCT_INJ_DC	Reductant Injector	0	0	0	0	%
REDUCT_LINEP	Reductant Pressure Sensor	99.99	99.99	99.99	99.99	%
REDUCT_LITERS	PID	8.27	8.27	8.27	8.27	NUMERIC VALUE
REDUCT_PRES_V	Reductant Pump Assembly	0.30	1.79	1.80	1.80	VOLTS
REDUCT_TNK_LV	Reductant Heater And Sender Assembly	66.66	66.66	66.66	66.66	%
REDUCT_TNK_P	Reductant Pressure Sensor	1.50 (0.22)	506.50 (73.46)	494.50 (71.72)	496 (71.94)	kPa (PSI)
REDUCT_TNK_T	Reductant Temperature Sensor	18 (64.4)	18 (64.4)	18 (64.4)	19 (66.2)	DEG C (DEG F)
SCR_LEVEL_LOW	Reductant Heater And Sender Assembly	NO	NO	NO	NO	YES/NO

Reductant Dosage Control Module Outputs	Component/PID Only	Measured / PID Values				Units Measured / PID
		Ignition On Engine Off	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
REDUCT_PMP_DC	Reductant Pump Assembly	0	13.33	14.11	14.11	%
REDUCT_PUMP_HC	PID	OFF	OFF	OFF	OFF	ON/OFF

Other	Component/PID Only	Measured / PID Values				Units Measured / PID
		Ignition On Engine Off	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

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