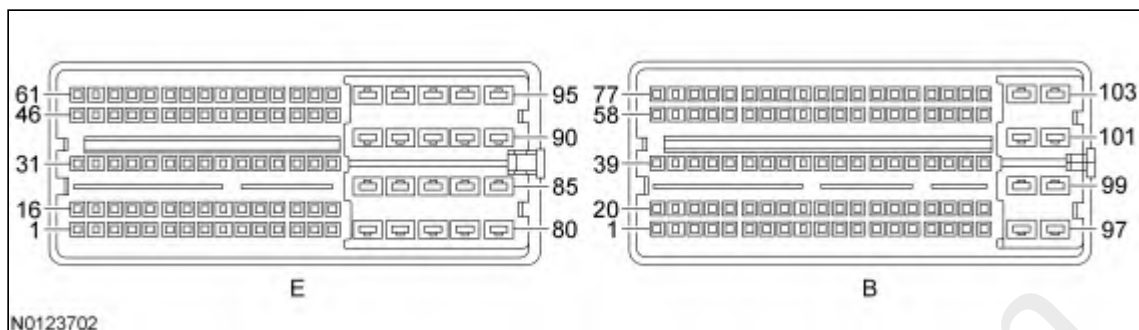


2.5L Escape / Kuga**198 Pin PCM****Typical Diagnostic Reference Values**

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 (33.8)	1 (33.8)	1 (33.8)	1 (33.8)	DEG C (DEG F)
AAT_V	AAT Sensor	3.74	3.75	3.84	3.87	VOLTS
APP	APP Sensor	0	0	11	30	%
APP1	APP Sensor	0.81	0.81	1.18	1.77	VOLTS
APP1_ [APP_D]	APP Sensor	16	16	24	35	%
APP2	APP Sensor	0.41	0.41	0.60	0.89	VOLTS
APP2_ [APP_E]	APP Sensor	8	8	12	18	%
APP_ MAXDIFF	PID	0.00	0.00	0.00	0.06	DEG
BARO	PID	100 (14.50)	100 (14.50)	99 (14.36)	99 (14.36)	kPa (PSI)/
BARO_V	PID	4.01	4.01	4.00	3.99	VOLTS
BOO1	BPP Switch	FALSE	FALSE	FALSE	FALSE	TRUE/FALSE
BOO2	BPP Switch	FALSE	FALSE	FALSE	FALSE	TRUE/FALSE
BRKOV RD_ POSS	PID	0	0	0	0	NUMERIC VALUE
BRKOV R_ ACTION	PID	0	0	0	0	NUMERIC VALUE
CAM_SYNC	PID	NO	NO	NO	NO	YES/NO
CATTEMP11	CAT11 Sensor	283 (541.4)	288 (550.4)	292 (557.6)	328 (622.4)	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	84 (183.2)	83 (181.4)	63 (145.4)	74 (165.2)	DEG C (DEG F)
CHT_V	CHT Sensor	0.71	0.75	1.27	0.94	VOLTS
CLRDIST	PID	0.0 (0.0)	0.0 (0.0)	0.0 (0.0)	1.0 (0.62)	KM (MILES)
DECHOKE	PID	YES	YES	NO	NO	YES/NO
DIST_ BRKOVDR	PID	0.0 (0.0)	0.0 (0.0)	0.0 (0.0)	0.0 (0.0)	KM (MILES)
DTCCNT	PID	0	0	0	0	NUMERIC VALUE
DTCCNT_OBD	PID	0	0	0	0	NUMERIC VALUE
EBP	EBP Sensor	0.00 (0.00)	0.00 (0.00)	0.0 (0.0)	0.0 (0.0)	kPa (psi)
EBP_V	EBP Sensor	0.99	0.99	1.05	1.05	VOLTS
ECT	ECT Sensor	84 (183.2)	82 (179.6)	62 (143.6)	73 (163.4)	DEG C (DEG F)
EGRT_B_V	EGRT12 Sensor	2.57	2.61	1.74	1.47	VOLTS
EGRVP	EGR Valve	0.53	0.53	1.17	1.27	VOLTS
EGR_A_ACT	EGR Valve	0	0	0	0	%
EQ_RAT11	PID	0.00	1.08	1.01	1.01	RATIO
ETC_ACT	PID	7.89	7.89	14.18	13.71	DEG
ETC_TRIM	PID	0.64	0.64	0.46	0.46	DEG
FLI	Fuel Level Sensor	42 (H)	43 (H)	44 (H)	42 (H)	%
FPM	PID	40	40	40	40	%
FTP_V	FTP Sensor	1.82	1.82	1.91	1.91	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
IAT	IAT Sensor	32 (89.6)	32 (89.6)	17 (62.6)	18 (64.4)	DEG C (DEG F)
IGN_SW	Ignition Switch	ON	ON	ON	ON	ON/OFF
INJ1-4_F	PID	NO	NO	NO	NO	YES/NO
KNOCK_1	KS11 Sensor	0.00	0.00	0.00	255.00	COUNT
LOAD	PID	0 (I)	0	0	67	%
LOAD_ABSL	PID	0 (I)	0	0	45	%
LONGFT1	PID	(I)	-20 TO +20	-20 TO +20	-20 TO +20	%
MAP	MAP Sensor	99 (14.36)	99 (14.36)	99 (14.36)	84 (12.18)	kPa (PSI)
MAP_V	MAP Sensor	3.97	3.97	3.97	3.33	VOLTS
MIL_DIS	PID	0.0 (0.0)	0.0 (0.0)	0.0 (0.0)	0.0 (0.0)	KM (MILES)
MISFIRE	NO FALSE	FALSE	FALSE	FALSE	FALSE	TRUE/FALSE
MP_LRN	PID	TRUE	TRUE	TRUE	TRUE	TRUE/FALSE
NUM_ MISFIRE	PID	0	0	4	4	COUNT
O2S11_CUR	HO2S11 Sensor	(I)	switching	switching	switching	mA/uA
O2S11_ IMPED	HO2S11 Sensor	5.00	0.19	0.18	0.19	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	FALSE	TRUE	TRUE	TRUE	TRUE/FALSE
O2S12	HO2S12 Sensor	(I)	switching (D)	switching (D)	switching (D)	VOLTS
OCTADJ_R_LRND	PID	0	0	0	0	%
RO2FT1	PID	0.00	0.00	0.00	0.02	%
RPM	CKP Sensor	0	0	1,734	2,022	RPM
SHRTFT1	PID	(I)	-10 TO +10	-10 TO +10	-10 TO +10	%
SYNC	PID	NO	YES	YES	YES	YES/NO
TP1_LRN_TRIM	ETBTPS	15.38	15.38	15.38	15.38	DEG
TP1_PER	ETBTPS	23	23	28	29	%
TP1_V	ETBTPS	4.09	4.09	3.87	3.83	VOLTS
TP2_LRN_TRIM	ETBTPS	7.88	7.88	7.88	7.88	DEG
TP2_PER	ETBTPS	24	24	33	35	%
TP2_V	ETBTPS	1.23	1.23	1.67	1.74	VOLTS
TP_MAXDIFF	PID	0.00	0.00	0.00	0.00	%
TP_REL	PID	7	7	13	14	VOLTS
VCTSYS	PID	DISABLED	DISABLED	ENABLED	ENABLED	ENABLED/DISABLED
VCT_INT_ACT1	PID	0.00	0.00	-44.94	-33.44	DEG
VCT_INT_DIF1	PID	0.00	0.00	0.00	0.38	DEG
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	2	2	2	2	NUMERIC VALUE
AEIS_POSS	PID	59	59	59	59	NUMERIC VALUE
CYL_1-4_ACCL	PID	(I)	-1 TO +1	-1 TO +1	-1 TO +1	NUMERIC VALUE
DIST_AEIS	PID	4.0 (2.49)	4.0 (2.49)	4.0 (2.49)	5 (3.11)	KM (MILES)

Outputs	Component/PID Only	Measured/PID Values				Units Measured/PID
		KOEO	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
EGRVPDES	PID	0	0	17	19	%
EGR_A_CMD	PID	0	0	0	0	%
ETC_[TAC_PCT]	PID	9	9	17	16	%
EVAPPCT	PID	0	0	17	98	%
EVAPSTA	PID	NOT RUNNING	NOT RUNNING	NOT RUNNING	NOT RUNNING	STATUS
FAN_DSD	PID	0	0	0	0	%
FP	Fuel Pump Control Module	75	75	34	34	%
FUELSYS_CL	PID	NO	NO	YES	YES	YES/NO
FUELSYS_OL	PID	NO	NO	NO	NO	YES/NO
FUEL_RDY	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
HTR22	HO2S22 Sensor	OFF	ON	OFF	OFF	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	20	20	21	27	%
O2_DS_DISBL	PID	TRUE	TRUE	TRUE	FALSE	TRUE/FALSE
RPM_DSD	PID	700	700	700	700	RPM
SPARKADV	PID	-15.00	-15.00	16.50	35.50	DEG
VCT_INT_DC1	VCT11 Solenoid	0	0	35	35	%

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

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