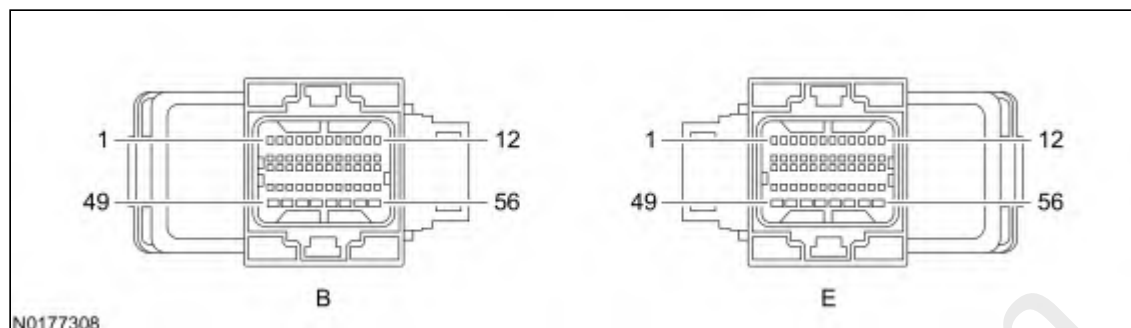


1.2L KA

112 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					DEG C (DEG F)
AAT_V	AAT Sensor					VOLTS
AC_REQ	PID					YES/NO
APP	APP Sensor					%
APP1	APP Sensor					VOLTS
APP1 (APP_D)	APP Sensor					%
APP2	APP Sensor					VOLTS
APP2 (APP_E)	APP Sensor					%
APP_MAXDIFF	PID					DEG
APP_MODE	PID					NO PEDAL/ PART PEDAL
B+	PID					VOLTS
BARO	PID					kPa (PSI)/ Hz
BARO_V	PID					VOLTS
BOO1	BPP Switch					ON/OFF
BOO2	BPP Switch					ON/OFF
BRKOV RD_POSS	PID					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)	
BRKOVRACTION	PID					NUMERIC VALUE
CLRDIST	PID					KM (MILES)
CPP_BOT (MT)	CPP Switch					YES/NO
DECHOKE	PID					YES/NO
DIST_BRKOVRACTION	PID					KM (MILES)
DTCCNT	PID					Numeric Value
ECT	ECT Sensor					VOLTS/DEG C (DEG F)
EQ_RAT11	PID					RATIO
ETC_ACT	PID					DEG
ETC_TRIM	PID					DEG
FLI	Fuel Level Sensor					%
FPM	PID					%
HTRCM12	HO2S12 Sensor					mA
IAT	IAT Sensor					VOLTS/DEG C (DEG F)
KEYST	Ignition Switch					ON/OFF
KNK_CNTR_CYL1	PID					COUNT
KNK_CNTR_CYL2	PID					COUNT
KNK_CNTR_CYL3	PID					COUNT
KNOCK_1	KS1 Sensor					COUNT
KNOCK_2	KS2 Sensor					COUNT
LOAD	PID					%
LONGFT1	PID					%
MAP	MAP Sensor					kPa (PSI)
MAP_GAUGE	MAP Sensor					kPa (PSI)
MAP_V	MAP Sensor					VOLTS
MIL_DIS	PID					KM (MILES)
MISFIRE	PID					YES/NO
MP_LRN	PID					YES/NO
NUM_MISFIRE	PID					COUNT
O2S11_CUR	HO2S11 Sensor					mA/uA
O2S11_IMP	HO2S11 Sensor					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					YES/NO
O2S11_TR	HO2S11 Sensor					Kohm
O2S12	HO2S12 Sensor					VOLTS
OCTADJ_R_LRND	PID					%
OSS_SRC	OSS Sensor					RPM
RO2FT1	PID					%
RPM	CKP Sensor					RPM
SHRTFT1	PID					%
SYNC	PID					YES/NO
TP1	ETBTPS					VOLTS/%
TP1_LRN_TRIM	ETBTPS					DEG
TP2	ETBTPS					VOLTS/%
TP2_LRN_TRIM	ETBTPS					DEG
TPMODE	PID					CLOSED/ PART/WIDE OPEN THROTTLE
TP_MAXDIFF	PID					%
TP_REL	PID					VOLTS
TQ_CNTRL	PID					STATUS
VCTSYS	PID					OPEN LOOP/ CLOSED LOOP
VCT_EXH_ACT1	PID					DEG
VCT_EXH_DIF1	PID					DEG
VCT_INT_ACT1	PID					DEG
VCT_INT_DIF1	PID					DEG
VSS	PID					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)	

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					NUMERIC VALUE
AEIS_POSS	PID					NUMERIC VALUE
CYL_1- 3_ACCL	PID					NUMERIC VALUE
DIST_ AEIS	PID					KM (MILES)
ETC [TAC_PCT]	PID					%
EVAP020C	PID					YES/NO
EVAPCP	EVAPCP Valve					%
EVAPCV	CANV Valve					%/ON-OFF
EVAPPCT	PID					%
EVAPSOAK	PID					YES/NO
EVAPSTA	PID					STATUS
FP	Fuel Pump Control Module					%/ON/OFF
FRP_DSD	PID					kPa (PSI)
FUELSYS	PID					OPEN LOOP/ CLOSED LOOP
F_VCV	Fuel Injection Pump					%
HTR11	HO2S11 Sensor					ON/OFF
HTR12	HO2S12 Sensor					ON/OFF
INJ1-3_OFF	Injector 1–3					-----/ DISABLE
MIL	PID					ON/OFF
O2S11_HTR	HO2S11 Sensor					%
O2S21_HTR	HO2S21 Sensor					%
O2_DS_ DISBL	PID					YES/NO
PATSENABL	PID					ENABLED/ DISABLED
SPARKADV	PID					DEG
VCT_EXH_ DC1	VCT12 Solenoid					%
VCT_INT_ DC1	VCT11 Solenoid					%

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					VOLTS
VREF	PID					VOLTS

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