

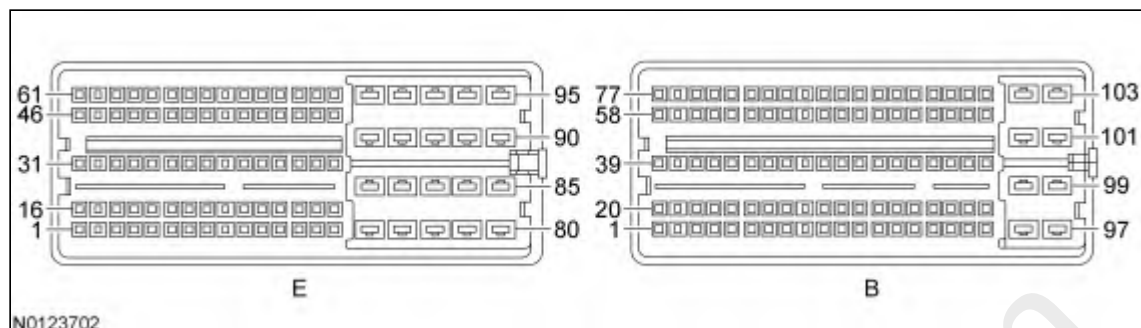
Inputs	Component/PID Only	Measured/PID Values				Units Measured/PID
		KOEO	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
NUM_MISFIRE	PID	0	0	0	0	COUNT
O2S11_CUR	HO2S11 Sensor	(I)	switching (C)	switching (C)	switching (C)	uA
O2S11_IMP	HO2S11 Sensor	4.93	1.02	1.01	1.01	VOLTS
O2S11_READY	HO2S11 Sensor	NO	YES	YES	YES	YES/NO
O2S11_TR	HO2S11 Sensor	0	0	0	0	Kohm
O2S12	HO2S12 Sensor	0.85 (D)	0.76 (D)	0.74 (D)	0.58 (D)	VOLTS
OCTADJ_R_LRND	PID	14.29	14.29	14.29	14.29	%
PF_REGEN_PCT	PID					%
RO2FT1	PID	0	-1.33	-1.27	1.09	%
RPM	CKP Sensor	0	745	1891.75	1743	RPM
SHRTFT1	PID	(I)	-10 TO +10	-10 TO +10	-10 TO +10	%
SYNC	PID	NO	YES	YES	YES	YES/NO
TCBP	TCBP Sensor	99.08 (14.37)	99.08 (14.37)	105.21 (15.26)	113.56 (16.47)	kPa (PSI)
TCBP_V	TCBP Sensor	1.60	1.60	1.69	1.82	VOLTS
TP1	ETBTPS	16.07	10.58	14.90	18.82	%
TP1_LRN_TRIM	ETBTPS	9.37	9.37	9.37	9.37	DEG
TP2	ETBTPS	0.82/16.47	0.54/10.58	0.76/15.29	1.03/20.39	VOLTS/%
TP2_LRN_TRIM	ETBTPS	9.37	9.37	9.37	9.37	DEG
TPMODE	PID	PT	CT	PT	PT	CLOSED/ PART/WIDE OPEN THROTTLE
TURBO_BP1_STAT	TCBY Valve	NO FAULT	NO FAULT	NO FAULT	NO FAULT	FAULT/ NO FAULT
VCT_EXH_ACT1	PID	0	0	22.93	29.93	DEG
VCT_EXH_DIF1	PID	0	0	0.06	-1.06	DEG
VCT_INT_ACT1	PID	0	0.18	-0.25	-0.37	DEG
VCT_INT_DIF1	PID	0	-0.18	0.25	0.31	DEG
VCTSYS	PID	OPEN LOOP	CLOSED LOOP	CLOSED LOOP	CLOSED LOOP	OPEN LOOP/ CLOSED LOOP

Inputs	Component/PID Only	Measured/PID Values				Units Measured/PID
		KOEO	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
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)	
ETC [TAC_PCT]	PID	9.41	3.13	14.51	18.82	%
EVAP020C	PID	NO	NO	NO	NO	YES/NO
EVAPCP	EVAPCP Valve	0	12.73	48.74	100	%
EVAPCV	CANV Valve	0/OFF	0/OFF	0/OFF	0/OFF	%/ON-OFF
EVAPSOAK	PID	YES	YES	YES	YES	YES/NO
EVAPSTA	PID	NOT RUNNING	NOT RUNNING	NOT RUNNING	NOT RUNNING	STATUS
FPM	PID	39.99	40.99	40.40	40.01	%
FUELSYS	PID	OPEN LOOP	CLOSED LOOP	CLOSED LOOP	CLOSED LOOP	OPEN/ CLOSED LOOP
GRILL_A_CMD	PID	0.00/CLOSED	31.76 /VARYING	52.94/ VARYING	61.56/ VARYING	%/OPEN/ CLOSED/ VARYING
GRILL_A_INF	PID	0.00	31.37	50.19	56.47	%
GRILL_CMDCAL	PID	YES	NO	NO	NO	YES/NO
HTR11	HO2S11 Sensor	OFF	ON	ON	ON	ON/OFF
HTR12	HO2S12 Sensor	OFF	ON	ON	ON	ON/OFF
HTRCM12	HO2S12 Sensor	0	573	573	573	mA
MIL	PID	OFF	OFF	OFF	OFF	ON/OFF
O2S11_HTR	HO2S11 Sensor	0	37.64	34.90	33.33	%
O2_DS_DISBL	PID	YES	NO	NO	NO	YES/NO
SPARKADV	PID	10	3.75	12.50	19	DEG
TQ_CNTRL	PID	TORQUE BASED DECEL	IDLE SPEED CONTROL	TRANS-MISSION SHIFT	TORQUE BASED DECEL	STATUS
TURBO_BPASS	TCBY Valve	OFF	OFF	OFF	OFF	ON/OFF
TURBO_WGATE	Turbocharger Wastegate Regulating Valve Solenoid	0	0	54.82	53.73	%

Outputs	Component/PID Only	Measured/PID Values				Units Measured/PID
		KOEO	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
VCT_EXH_DC1	VCT12 Solenoid	0	0	38.87	38.20	%
VCT_INT_DC1	VCT11 Solenoid	0	0	0	0	%

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

2.0L Corsair**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	3.78	3.78	3.85	3.88	VOLTS
AC_REQUEST	PID	NO	NO	NO	NO	YES/NO
APP	APP Sensor	0	0	10	14	%
APP1	APP Sensor	0.81	0.81	1.12	1.25	VOLTS
APP1_ [APP_D]	APP Sensor	16	16	22	25	%
APP2	APP Sensor	0.41	0.41	0.57	0.63	VOLTS
APP2_ [APP_E]	APP Sensor	8	8	11	13	%
APP_ MAXDIFF	PID	0.00	0.00	0.00	0.00	DEG
BARO	PID	99 (14.36)	99 (14.36)	99 (14.36)	99 (14.36)	kPa (PSI)/
BARO_V	PID	3.87	3.87	3.87	3.86	VOLTS
BATT_V_INF	PID	12.65	14.96	14.96	14.96	VOLTS
BOO1	BPP Switch	FALSE	FALSE	FALSE	FALSE	TRUE/FALSE
BOO2	BPP Switch	FALSE	FALSE	FALSE	FALSE	TRUE/FALSE
BRKOV RD_ POSS	PID	9	9	9	9	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 (0)	0 (0)	0 (0)	0 (0)	DEG C (DEG F)
CAM_SYNC	PID	NO	YES	NO	NO	YES/NO
CATTEMP11	CAT11 Sensor	536 (996.8)	548 (1,018.4)	579 (1,074.2)	673 (1,243.4)	DEG C (DEG F)
CHT	CHT Sensor	82 (179.6)	85 (185)	85 (185)	87 (188.6)	DEG C (DEG F)
CHT2	CHT2 Sensor	100 (212)	97 (206.6)	101 (213.8)	106 (222.8)	DEG C (DEG F)
CHT2_V	CHT2 Sensor	3.41	3.50	3.36	3.19	VOLTS
CLRDIST	PID	0.0 (0.0)	0.0 (0.0)	0.0 (0.0)	2.0 (1.24)	KM (MILES)
DECHOKE	PID	YES	NO	NO	NO	YES/NO
DIST_BRKOVDR	PID	9.5 (5.90)	9.5 (5.90)	10.0 (6.21)	11.5 (7.15)	KM (MILES)
DPFE_PRES	Differential Pressure Feedback EGR Sensor	-0.14 (-0.02)	-0.39 (-0.06)	-0.14 (-0.02)	3.88 (0.56)	kPa (PSI)
DPFE_V	Differential Pressure Feedback EGR Sensor	1.49	1.48	1.49	1.61	VOLTS
DTCCNT	PID	0	0	0	0	NUMERIC VALUE
DTCCNT_OBD	PID	0	0	0	0	NUMERIC VALUE
EBP	EBP Sensor	100.14 (14.52)	99.42 (14.42)	102.33 (14.84)	101.69 (14.75)	kPa (psi)
EBP_V	EBP Sensor	0.98	1.06	0.95	0.93	VOLTS
ECT	ECT Sensor	71 (159.8)	70 (158)	79 (174.2)	86 (186.8)	DEG C (DEG F)
ECT1_V	ECT Sensor	0.98	1.00	0.78	0.64	VOLTS
EGRT_B	EGRT12 Sensor	-19 (-2.2)	-19 (-2.2)	-13 (8.6)	-8 (17.6)	DEG C (DEG F)
EGRT_B_V	EGRT12 Sensor	0.91	0.92	0.44	0.28	VOLTS
EGRVP	EGR Valve	0.91	0.91	1.13	1.20	VOLTS
EGR_A_ACT	EGR Valve	0	0	7	10	%
EQ_RAT11	PID	0.00	1.02	1.03	1.08	RATIO
ETC_ACT	PID	12.49	3.47	9.79	11.37	DEG
ETC_TRIM	PID	0.14	0.15	0.16	0.16	DEG
FLI	Fuel Level Sensor	44 (H)	45 (H)	46 (H)	44 (H)	%
FLP	Fuel Pressure Sensor	612 (88.76)	547 (79.34)	546 (79.19)	548 (79.48)	kPa (PSI)
FLP_DSD	Fuel Pressure Sensor	546 (79.19)	546 (79.19)	546 (79.19)	546 (79.19)	kPa (PSI)
FLP_V	Fuel Pressure Sensor	3.97	3.57	3.57	3.58	VOLTS
FPM	PID	40	40	40	40	%