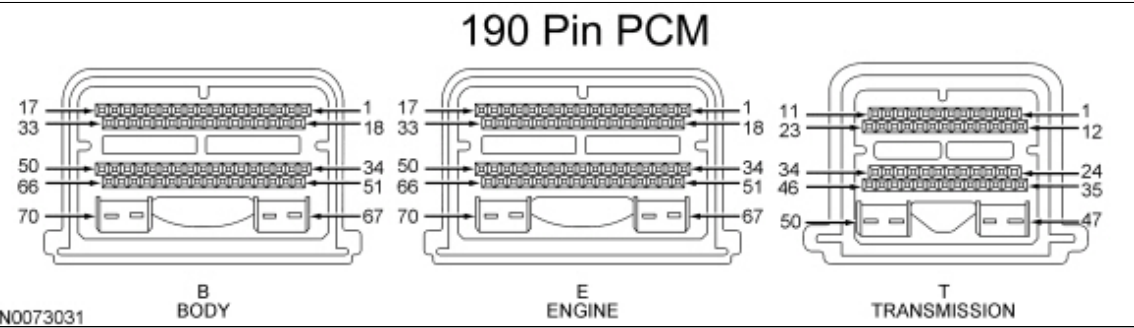


5.8L 4V Mustang



Typical Diagnostic Reference Values

Sensors/Inputs	PCM Pin/PID Only	Measured/PID Values				Units Measured/PID
		KOEO	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
BOO1	B13	OFF	OFF	OFF	OFF	ON/OFF
FPM2	B25	60.25	59.61	59.71	60.25	%
APP2	B29	0.41	0.41	0.56	0.57	VOLTS
FPM	B32	59.61	60.25	58.67	60.35	%
IAT2	B36	73 (163.40)	66.04 (150.88)	53 (127.40)	49 (120.20)	DEG C (DEG F)
MAF	B40	2.82	5.52	17.22	10.80	g/s
MAF_HZ	B40	0.73	1.50	2.68	2.18	kHz
BOO2	B46	OFF	OFF	OFF	OFF	ON/OFF
IAT	B47	1.84/48 (118.40)	1.93/46 (114.80)	2.91/26 (78.80)	3.01/24 (75.20)	VOLTS/DEG C (DEG F)
B+	B62	12.94	14.09	14.12	14.19	VOLTS
FTP	B65	2.65/0 (0)	2.59/0 (0)	1.82/-1.38 (-0.20)	2.35/-0.55 (-0.08)	VOLTS/kPa (PSI)
FTP_H2O	B65	0.21	-0.24	-5.59	-2.28	in-H ₂ O
KNOCK_1	E7	0	299	578	964	N/A
TP2	E10	1.23/24.7	0.67/13.33	0.88/17.64	1.21/23.92	VOLTS/%
DPFEGR	E21	0.54	0.54	0.64	1.28	VOLTS
FRP	E23	3.94/416.44 (60.40)	3.13/316.88 (45.96)	3.50/361.70 (52.46)	3.41/351.01 (50.91)	VOLTS/kPa (PSI)
FRT	E26	1.58/54 (129.20)	1.56/55 (131)	1.26/63 (145.40)	1.22/64 (147.20)	VOLTS/DEG C (DEG F)
CHT	E30	95 (203)	90 (194)	101 (213.80)	95 (203)	VOLTS/DEG C (DEG F)
TP1	E39	4.10/17.64	4.34/12.94	4.24/14.90	4.08/18.03	VOLTS/%

Sensors/Inputs	PCM Pin/PID Only	Measured/PID Values				Units Measured/PID
		KOEO	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
SCIP	E40	100.94 (14.64)	27.99 (4.06)	25.99 (3.77)	29.99 (4.35)	kPa (PSI)
SCIP_V	E40	4.32	1.08	1.01	1.17	VOLTS
KNOCK_2	E45	0	411	487	652	N/A
O2S11_CUR	T4	(I)	switching (C)	switching (C)	switching (C)	uA
O2S12	T18	0.02	0.12	0.80	0.76	VOLTS
CPP_BOT	T19	NO	NO	NO	NO	YES/NO
O2S22	T27	0.02	0.14	0.81	0.77	VOLTS
OSS_SRC	T36	0	0	1224.25	2160	RPM
O2S21_CUR	T39	(I)	switching (C)	switching (C)	switching (C)	uA
HTRCM12	T47	0	762	722	722	mA
HTRCM22	T49	0	795	741	741	mA
AC_REQ	PID	NO	NO	NO	NO	YES/NO
APP	PID	0	0	7	9	%
APP_MAXDIFF	PID	0	0	0	0	DEG
APP_MODE	PID	NO PEDAL	NO PEDAL	PART PEDAL	PART PEDAL	NO PEDAL/ PART PEDAL
APP1 (APP_D)	PID	16.47	16.07	22.35	22.35	%
APP2 (APP_E)	PID	8.23	7.84	10.98	11.37	%
BARO	PID	99.97 (14.50)/ 157.02/ 401.46	98.94 (14.35)/ 156.11/ 397..44	99.97 (14.50)/ 157.02/ 401.46	99.97 (14.50)/ 157.02/ 401.46	kPa (PSI)/Hz/ in-H ₂ O
BRKOVRR_ACTION	PID	0	0	0	0	NUMERIC VALUE
BRKOVRRD_POSS	PID	0	0	0	0	NUMERIC VALUE
DECHOKE	PID	YES	NO	NO	NO	YES/NO
DIST_BRKOVRRD	PID	255.89 (159)	255.89 (159)	255.89 (159)	257.88 (160.24)	KM (MILES)
EONV_RDY	PID	NOT READY	NOT READY	NOT READY	NOT READY	READY/NOT READY
EQ_RAT11	PID	0/0:1	0/0:1	0.80/ 12.04:1	0.99/ 14.46:1	RATIO
EQ_RAT21	PID	0/0:1	0/0:1	0.82/	1.01/	NUMERIC VALUE/

Sensors/Inputs	PCM Pin/PID Only	Measured/PID Values				Units Measured/PID
		KOEO	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
				11.95:1	14.80:1	RATIO
ETC_ACT	PID	7.17	1.79	3.36	4.73	DEG
ETC_TRIM	PID	-0.26	-0.26	-0.27	-0.27	DEG
EVAPSOAK	PID	NO	NO	NO	NO	YES/NO
FLI	PID	41.17	41.17	38.43	40	%
IACKAM2	PID	-0.20	-0.05	-0.04	-0.04	NUMERIC VALUE
INJPWR_M	PID	12.86	14.06	14.06	14.06	VOLTS
LOAD	PID	0	14.51	14.51	14.90	%
MIL_DIS	PID	0 (0)	0 (0)	0 (0)	0 (0)	KM (MILES)
MISFIRE	PID	NO	NO	NO	NO	YES/NO
MP_LRN	PID	YES	YES	YES	YES	YES/NO
NUM_ MISFIRE	PID	0	2	32	30	COUNT
O2S11_ IMPED	PID	4.99	0.98	0.97	0.97	VOLTS
O2S11_ READY	PID	NO	YES	YES	YES	YES/NO
O2S11_TR	PID	0	0	0	0	Kohm
O2S21_ IMPED	PID	4.98	0.96	0.97	0.97	VOLTS
O2S21_ READY	PID	NO	YES	YES	YES	YES/NO
O2S21_TR	PID	0	0	0	0	Kohm
RPM	PID	0	881.50	1593.75	1085.25	RPM
SYNC	PID	NO	YES	YES	YES	YES/NO
TP1_LRN_ TRIM	PID	7.50	7.50	7.50	7.50	DEG
TP2_LRN_ TRIM	PID	7	7	7	7	DEG
TPMODE	PID	CT	CT	CT	PT	CLOSED/ PART/WIDE OPEN THROTTLE
VCTSYS	PID	OPEN LOOP	OPEN LOOP	OPEN LOOP	OPEN LOOP	OPEN LOOP/ CLOSED LOOP

Sensors/Inputs	PCM Pin/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

Actuators/Outputs	PCM Pin/PID Only	Measured/PID Values				Units Measured/PID
		KOEO	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
HFC	B18	OFF	OFF	OFF	OFF	ON/OFF
FP	B19	OFF	ON	ON	ON	ON/OFF
EVAPCV	B20	0/OFF	0/OFF	0/OFF	0/OFF	%/ON-OFF
LFC	B34	OFF	OFF	OFF	OFF	ON/OFF
SCICP	B51	OFF	ON	ON	ON	ON/OFF
PCVHC	E4	0	0	0	0	%
EVAPCP	E49	0	19.03	63.31	27.24	%
HTR11	T24	OFF	ON	ON	ON	ON/OFF
O2S11_HTR	T24	20.39	40	37.64	36.86	%
HTR21	T35	OFF	ON	ON	ON	ON/OFF
O2S21_HTR	T35	20.39	38.82	38.43	39.21	%
HTR12	T47	OFF	ON	ON	ON	ON/OFF
HTR22	T49	OFF	ON	ON	ON	ON/OFF
EGRPCT	PID	0	0	32.54	43.52	%
ETC [TAC_PCT]	PID	9.80	1.96	3.92	5.49	%
EVAP020C	PID	NO	NO	NO	NO	YES/NO
EVAPSTA	PID	NOT RUNNING	NOT RUNNING	NOT RUNNING	NOT RUNNING	STATUS
FUELSYS	PID	OPEN LOOP	OPEN LOOP	CLOSED LOOP	CLOSED LOOP	OPEN/ CLOSED LOOP
IACTRIM	PID	0	-0.27	0.01	0.01	NUMERIC VALUE
LONGFT1	PID	(I)	-20 TO +20	-20 TO +20	-20 TO +20	%
LONGFT2	PID	(I)	-20 TO +20	-20 TO +20	-20 TO +20	%
MIL	PID	OFF	OFF	OFF	OFF	ON/OFF
O2_DS_ DISBL	PID	YES	YES	YES	NO	YES/NO
RO2FT1	PID	0	-1.16	2.29	2.58	%
RO2FT2	PID	0	1.18	2.29	-2.02	%

Actuators/Outputs	PCM Pin/PID Only	Measured/PID Values				Units Measured/PID
		KOEO	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
SHRTFT1	PID	(I)	-10 TO +10	-10 TO +10	-10 TO +10	%
SHRTFT2	PID	(I)	-10 TO +10	-10 TO +10	-10 TO +10	%
SPARKADV	PID	27.25	15.50	45.50	48.50	DEG
TQ_CNTRL	PID	NONE REQUESTED	NONE REQUESTED	NONE REQUESTED	NONE REQUESTED	STATUS

Other	PCM Pin/PID Only	Measured/PID Values				Units Measured/PID
		KOEO	Hot Idle	48 KM/H (30 MPH)	89 KM/H (55 MPH)	
VREF	B52/B66/ E20	5	5	5	5	VOLTS
VPWR	B67/B68	VBAT	VBAT	VBAT	VBAT	VOLTS