

3.7L TIVCT MKS/MKT > 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	ON	OFF	OFF	ON/OFF
AAT	B17	3.71/5 (41)	3.71/5 (41)	3.78/4 (39.2)	3.81/3 (37.4)	VOLTS/DEG C (DEG F)
APP1	B28	0.78	0.78	0.98	1.09	VOLTS
APP2	B29	0.39	0.39	0.50	0.56	VOLTS
ACP_PRESS	B31	0.93/65.54	0.94/66.70	0.87/58.58	0.85/55.97	VOLTS/PS I
FPM	B32	59.67 (H)	59.67 (H)	59.67 (H)	60.31 (H)	%
BOO2	B46	OFF	ON	OFF	OFF	ON/OFF
IAT	B47	2.87/26 (78.80)	3.58/13 (55.40)	3.74/10 (50.0)	3.88/6 (42.80)	VOLTS/DEG C (DEG F)
B+	B62	12.51	13.81	14.24	14.72	VOLTS
FTP	B65	2.66/0.01 /0.308	2.53/-0.02 /-0.62	1.87/-0.19 /-5.27	2.36/-0.06 /-1.75	VOLTS/PS 1/in-H ₂ O
O2S11_CUR	E23	(I)	switching	switching	switching	mA/uA
O2S21_CUR	E24	(I)	switching	switching	switching	mA/uA
CHT	E39	3.82/85 (185.0)	0.70/84 (183.20)	0.65/86 (186.80)	0.60/88 (190.40)	VOLTS/DEG C (DEG F)
TP1	E41	4.09/17.64	4.26/12.54	4.22/15.29	4.19/16.07	VOLTS/%
TP2	E58	1.23/24.7	0.70/13.72	0.99/19.60	1.03/20.78	VOLTS/%
O2S12	T29	(I)	(D)	(D)	(D)	VOLTS
O2S22	T40	(I)	(D)	(D)	(D)	VOLTS
APP	PID	0.00	0.00	11.5	6.5	%
APP1 (APP_D)	PID	15.68	15.68	19.6	21.56	%
APP2 (APP_E)	PID	7.84	7.84	9.8	10.98	%
APP_MAXDIFF	PID	0	0	0	0	%
BARO	PID	13.19/148.79	13.19/148.79	13.19/148.79	13.63/151.53	PSI/Hz
BRKOV _R _ACTION	PID	0	0	0	0	km/Miles
BRKOV _R D_POSS	PID	0	0	0	0	km/Miles
DECHOKE	PID	YES	NO	NO	NO	YES/NO
DIST_BRKOV _R D	PID	0	0	0	0	km/Miles
EONV_RDY	PID	NOT READY	NOT READY	NOT READY	NOT READY	READY/NOT READY

ETC_ACT	PID	7.95	1.25	9.03	8.20	Degrees
ETC_DSD	PID	8.06	1.27	9.18	8.23	Degrees
GEAR	PID	1	1	5	6	GEAR
IACKAM2	PID	-0.25	-0.13	-0.22	-0.22	NUMERIC VALUE
INJPWR_M	PID	12.52	14.11	14.16	14.18	VOLTS
LOAD	PID	0.00 (I)	33.33	36.07	68.23	%
MAF	PID	0.00	3.15	7.98	17.75	g/s
MAF	PID	693.75	1.63k	2.56k	3.46k	Hz
MIL_DIS	PID	0	0	0	0	Miles
MISFIRE	PID	NO	NO	NO	NO	YES/NO
O2S11_IMPED	PID	5.00	0.09	0.09	0.09	VOLTS
O2S21_IMPED	PID	5.00	0.09	0.09	0.09	VOLTS
RPM	PID	0	604	1125	1530	RPM
SYNC	PID	NO	YES	YES	YES	YES/NO
VCT_EXH_ACT1	PID	0.00	0.00	18.68	49.25	Degrees
VCT_EXH_ACT2	PID	0.00	-0.25	18.98	49.25	Degrees
VCT_INT_ACT1	PID	0.00	0.00	-9.81	-11.37	Degrees
VCT_INT_ACT2	PID	0.00	0.00	-9.81	-11.31	Degrees
VCTSYS	PID	OPEN LOOP	CLOSED LOOP	CLOSED LOOP	CLOSED LOOP	OPEN/CLOSED LOOP
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)	
EVAPCV	B20	0.00	0.00	0.00	0.00	%
FP	B62	OFF	ON	ON	ON	ON/OFF
EVAPCP	E32	0.00	34.97	32.15	34.51	%
HTR11	E69	OFF	ON	ON	ON	ON/OFF
O2S11_HTR	E69	0.00	34.90	31.37	31.76	%
HTR21	E70	OFF	ON	ON	ON	ON/OFF
O2S21_HTR	E70	0.00	34.11	30.98	31.37	%
HTR12	T49	OFF	ON	ON	ON	ON/OFF
HTR22	T48	OFF	ON	ON	ON	ON/OFF