

REL ADDR HEX	COMP DATA HEX	COMP DATA DEC	ENG. DATA DEC	ENG. UNITS	SYMBOL	CONVERSION EQUATION	DESCRIPTION
0000	0000	0			PROMIDA	N=E	EPROM I.D. NUMBER
0002	FFFF	65535			DATECODE	N=E	EPROM DATE CODE
0004	FFFF	65535			SEQNUMB	N=E	PRODUCTION SEQUENCE NUMBER
0005	0000	0			KKSUM	N=E	CHECK SUM SC008 THROUGH SFFFF
0008	58	88			KKPGHID	N=E	PROGRAM IDENTIFICATION WORD - SAA=BYPASS SUMCHECK
0009	00	0			KNUMCYL	N=DTABLE(E,N,3,96,4,128,6,192,8)	NUMBER OF CYLINDERS IN THE ENGINE
000A	0000	0			KRPWUP	IF(E.EQ.0)N=E	# OF 65 KHZ COUNTS = STARTUP RPM-SPARK
000C	0000	0			KFUELLUP	IF(E.NE.0)N=65536*120/(E*KNUMCYL)	# OF 65 KHZ COUNTS = STARTUP RPM-FUEL
000E	00	0			KREFANGL	N=E*256/90	SPARK REFERENCE ANGLE
000F	00	0			KRPMXHI	N=E/25	F1 TABLE EXTENSION HI RPM BREAKPOINT
0010	00	0			KADVSLHI	N=E*65536/7200	(DEG/THOUSAND RPM) HI RPM ADVANCE SLOPE
0011	00	0			KFILTMP1	N=E*256	MAP FILTER COEFFICIENT, ENGINE RUNNING (0 -1)
0012	00	0			KFILTMP2	N=E*256	MAP FILTER COEFFICIENT, ENG NOT RUNNING, (0-1)
0013	00	0			KFILTMPH	N=E*256	LAG FILTER COEFFICIENT FOR NMPH, N.D. (0-1)
0014	00	0			KFILTRPM	N=E*256	RPM FILTER TIME CONSTANT, N.D. (0-1)
0015	00	0			KFTST125	N=E*256	RPM FILTER TIME CONSTANT, N.D. (0-1)
0016	0000	0			KTIMELAG	N=E/15.26	TIME DOMAIN CORRECTION TO SPARK
0018	0000	0			K6XRPMEN	IF(E.EQ.0)N=0	LOWER HYST VALUE BELOW WHICH 6X IS ENABLED
001A	0000	0			K6XRPMDS	IF(E.NE.0)N=65536*15/E	UPPER HYST VALUE ABOVE WHICH 6X IS DISABLED
001C	0000	0			K6XSYNCH	IF(E.EQ.0)N=0	B-COUNT WINDOW IN WHICH 6X & 2X ARE IN SYNCH
001E	0000	0			KMAXADV2	IF(E.NE.0)N=65536*15/E	MAX ADVANCE RELATIVE TO REFERENCE (2'S COMPL)
0020	0000	0			KDIAGADV	N=(E.GE.90)N(2)=-255	DIAG MODE FORCED ADVANCE (2'S COMPLEMENT)
0022	0000	0			KESCDADV	IF(E.LT.90)N(2)=E*256/90	ESC DIAGNOSTIC ADVANCE DEGREES
0024	00	0			KDIARPMI	IF(E.LE.-90)N(2)=-255	RPM THRESHOLD TO EXIT ESC DIAGNOSTIC MODE
0025	00	0			KDIARPMH	N=E/25	RPM THRESHOLD TO ENTER ESC DIAGNOSTIC MODE
0026	0000	0			KMAXRTD2	IF(E.GE.90)N(2)=-255	MAX RETARD RELATIVE TO REFERENCE (2'S COMPL)
0028	00	0			KTIMOUT	IF(E.LT.90)N(2)=E*256/90	RE-CRANK NO START TIME VALUE
0029	00	0			KRUNCTR	N=E*80	# OF SUCC. LOW REFFERS TO ALLOW ENG. RUN- SPARK
002A	00	0			KRUNFCTR	N=E	# OF SUCC. LOW REFFERS TO ALLOW ENG. RUN-FUEL
002B	00	0			KF4TPS1	N=E*2.56	F4 TBL CLOSED THROT THRSHHLD, UPPER OF HYST. PAIR
002C	00	0			KF4TPS2	N=E*2.56	F4 TBL CLOSED THROT THRSHHLD, LOWER OF HYST. PAIR
002D	00	0			KF4CNTR	N=E*80	F4 FLAG THROTTLE OPENING DELAY
002E	00	0			KF4TCTH	N=(E+40)*256/192	TEMP ABOVE WHICH EGR TIP-IN DELAY USED
002F	0000	0			KPSDADV	N(2)=(E-KREFANGL)*256/90	P.S. MODE FORCED ADVANCE, 2'S COMPLEMENT
0031	00	0			KPSTEMP	N=(E+40)*256/192	COOLANT TEMP. THRESHOLD FOR P.S. SPARK
0032	00	0			KADBARO	N=2.71*E-28.06	* 243 = 100 KPA - DEFAULT BARO A/D COUNTS
0033	00	0			KBARSPDA	N=E/25	BARO UPDATE RPM THRESHOLD
0034	00	0			KAD2BARO	N=1.28*E-10.24	DEFAULT BARO A/D COUNTS, 2ATMOS

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0035	00	0			KKMASK1	N=E	MASK FOR MALFFLG1; BIT=0 DISABLES MALF RECOGNITION
0036	00	0			KKMASK2	N=E	MASK FOR MALFFLG2 "
0037	00	0			KKMASK3	N=E	MASK FOR MALFFLG3 "
0038	00	0			KKMOMALF	N=E	NO. OF SUCCESSIVE POWER UPS WITH NO MALFS, N.D.
0039	00	0		SEC	KMCNT1	N=E*10	MALFUNCTION LOGGING FILTER CONSTANT 1
003A	00	0		SEC	KMCNT2	N=E*10	MALFUNCTION LOGGING FILTER CONSTANT 2
003B	00	0		SEC	KMCNT3	N=E*10	MALFUNCTION LOGGING FILTER CONSTANT 3
003C	00	0		SEC	KMCNT4	N=E*10	MALFUNCTION LOGGING FILTER CONSTANT 4
003D	0000	0		SEC	KKO2MPT1	N=E*10	TIMER FOR MALF 13 ENABLE LOGIC
003F	0000	0		SEC	KKO2DFT1	N=E*10	TIMER THRESHOLD FOR MALF 13 DISABLE LOGIC
0041	0000	0		SEC	KKO2IDT1	N=E*10	MAP THRESHOLD FOR MALF 13 DISABLE LOGIC
0043	00	0		KPA	KKO2MAP	TBL4, 1	RPM THRESHOLD FOR MALF 13 ENABLE LOGIC
0044	00	0		RPM	KKO2RPM	N=E/25	RPM THRESHOLD FOR MALF 13 ENABLE LOGIC
0045	00	0		VOLTS	KKO2LOW	N=E*226	O2 SENSOR LOW LIMIT
0046	00	0		VOLTS	KKO2HIGH	N=E*226	O2 SENSOR HIGH LIMIT
0047	00	0		%	KKO2L0D	N=E*2.56	THROTTLE POSITION LIMIT
0048	00	0		SEC	KKO20LTM	N=E*10	TIME LIMIT
0049	00	0		SEC	KKDIAAGWM	N=(E+40)*256/192	COOLANT THRESHOLD
004A	00	0		SEC	KKETMPH	N=E/2	TIME SINCE RUN ENABLE
004B	00	0		SEC	KKGTMPI	N=(E+40)*256/192	COOLANT HIGH LIMIT
004C	00	0		SEC	KKETMPL	N=(E+40)*256/192	COOLANT LOW LIMIT
004D	00	0		SEC	KKETMPL	N=E/2	TIME SINCE RUN ENABLE
004E	00	0		SEC	KKTCDF	N=(E+40)*256/192	DEFAULT COOLANT READING
004F	00	0		RPM	KKTA21	N=E	'AD CNTS', THROTTLE POSLIMIT
0050	00	0		RPM	KKRM21A	N=E/25	ENGINE SPEED LIMIT
0051	00	0		SEC	KK21TIM	N=E*10	TIME LIMIT
0052	00	0		KPA	KKPM21	IF(LAND(KAFOPT3, \$20).NE.0)N=1.28 *E-10.24 IF(LAND(KAFOPT3, \$20).EQ.0)N=2.71 *E-28.06	MAP LIMIT
0053	00	0		MPH	KKTA22	N=E	'AD CNTS' THROTTLE LIMIT
0054	00	0		MPH	KKVSPDK	N=E	VEHICLE SPEED LIMIT
0055	00	0		RPM	KKVRPMLA	N=E/25	ENGINE SPEED LOWER LIMIT
0056	00	0		RPM	KKVRPMHA	N=E/25	ENGINE SPEED UPPER LIMIT
0057	00	0		KPA	KK24MAP	N=E*2.71-28.06	MAP LOAD LIMIT
0058	00	0		SEC	KKVST	N=E	TIME LIMIT
0059	00	0		SEC	KKETMPL	TBL3, ADMATIK	MAT LOW LIMIT
005A	00	0		SEC	KKETCTLO	N=(E+40)*256/192	COOLDEG THRESHOLD
005B	00	0		SEC	KKMATDF	TBL3, ADMATIK	DEFAULT VALUE FOR MAT
005C	0000	0		SEC	KK23BSTM	N=E*20	BOOST TIME THRESHOLD FOR MALF 23
005E	00	0		SEC	KKETMLO	TBL3, ADMATIK	RAWADMT THRESHOLD
005F	00	0		SEC	KKETCTH	N=(E+40)*256/192	COLD THRESH FOR DEFAULT MAT SIMULATION
0060	00	0		SEC	KKETMPHI	TBL3, ADMATIK	MAT HIGH LIMIT
0061	00	0		SEC	KKEGRTIM	N=E	***** MALF 32 PARAMETERS (DISABLE SOLENOID SYSTEM) * *****
0062	00	0		KPA	KKEGRLLV	TBL4, 0	***** RESOLUTION, DIAG. CYC ***** LOW LOAD DISABLE, (NVACLD)

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0063	00	0		KPA	KKGRHLV	TBL4.0	HIGH LOAD DISABLE (NVACL D)
0064	00	0		%	KKGRLLT	TBL4.3	LOW TPS DISABLE
0065	00	0		%	KKGRHLT	TBL4.3	HIGH TPS DISABLE
0066	00	0		SEC	KKGRDLT	N=E*10	EGR M32 DELAY TIMER
0067	00	0		N	KKGRDFA	N=E	IS FAIL COUNTER GREATER THAN TH
0068	00	0		%	KKGRIDL	N=E*2.56	TPS CHANGE TO DISALLOW DIAGNOS
0069	00	0		DEG	KKGRSPK	N=E*256/90	EGR DIAGNOSTIC SPARK RETARD
006A	00	0		SEC	KK32TIME	N=E*10	EGR M32 TIME INTEGRATOR TEST
006B	00	0		N	KK32DL	N=E	INT COUNT CHANGE FOR EGR FAULT
006C	00	0		N	KKINTCH	N=E	MAX INT CHANGE ALLOWED TO START
006D	00	0		MPH	KKGRMPH	N=E	VEHICLE SPEED THRESHOLD TO E
006E	00	0		N	KKGRDEP	N=E	FAIL COUNTER DECREMENT RATE
006F	00	0		%	KKMEGRDC	N=E*2.56	MIN EGRDC FOR M32 TO BE RUN
0070	00	0		%	KKTA33	N=E*2.56	THROTTLE POSITION LIMIT
0071	00	0		KPA	KKPM33	*E-10.24 IF(LAND(KAFOPT3,\$20).NE.0)N=1.28 MAP LIMIT	
0072	00	0		KPA	KKPMAC33	*E-28.06 IF(LAND(KAFOPT3,\$20).EQ.0)N=2.71 *E-10.24 IF(LAND(KAFOPT3,\$20).NE.0)N=1.28 MAP LIMIT WITH A/C ON	
0073	00	0		SEC	KK33TIM	N=E*10	TIME LIMIT
0074	00	0		SEC	KKM33CNT	N=E*10	HIGH MAP TIME THRESHOLD
0075	00	0		KPA	KKPM34	*E-10.24 IF(LAND(KAFOPT3,\$20).NE.0)N=1.28 MAP LIMIT	
0076	00	0		RPM	KKES34A	*E-28.06 N=E/25	ENGINE SPEED LIMIT
0077	00	0		SEC	KK34TIM	N=E*80	TIME LIMIT
0078	00	0		%	KKTA34	N=E*2.56	THROTTLE POSITION LIMIT
0079	00	0		KPA	KKPMPDF	*E-10.24 IF(LAND(KAFOPT3,\$20).NE.0)N=1.28 DEFAULT MAP READING FOR ENGINE NOT RUNNING	
007A	00	0		COEF	KKKA	*E-28.06 IF(LAND(KAFOPT3,\$20).EQ.0)N=2.71	MAP DEFAULT A COEF
007B	00	0		KPA	KK2ATM33	N=1.28*E-10.24	2 ATMS MAP THRESHOLD
007C	00	0		KPA	KKPMAON	*E IF(LAND(KAFOPT3,\$20).NE.0)N=1.28 A/C LOAD ADJUSTMENT TO MAP DEFAULT COMPUTATION	
007D	00	0		KPA	KKDRMAP	*E IF(LAND(KAFOPT3,\$20).EQ.0)N=2.71	P/N OFF DELTA MAP DEFAULT VALUE
007E	00	0		FACTOR	KDMPINTR	*E IF(LAND(KAFOPT3,\$20).EQ.0)N=2.71 IF(E.EQ.0)N=0 IF(E.NE.0)N=255/E	FACTOR FOR DECREASING C/L INT DELAY
007F	04	4		COUNTS	F69		USE 5 VALUE TABLE
0080	00	0		COUNTS			0 RPM-SPEED

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0081	00	0		COUNTS		N=E	1600
0082	00	0		COUNTS		N=E	3200
0083	00	0		COUNTS		N=E	4800
0084	00	0		COUNTS		N=E	6400
0085	00	0		%	F78A	N=E*2.56	1000 RPM-SPEED
0086	00	0		%		N=E*2.56	1800
0087	00	0		%		N=E*2.56	2600
0088	00	0		%		N=E*2.56	3400
0089	00	0		%		N=E*2.56	4200
008A	00	0		%		N=E*2.56	5000
008B	00	0		RPM	KK35DLTB	N=E/12.5	MALF 35 RPM DELTA
008C	00	0		STEPS	KK35MXMP	N=E	MALF 35 MAXIMUM MOTOR POSITION
008D	00	0		RPM	KK1ADIAG	N=E/12.5 ¹⁰⁰	IAC RPM MALF 35 DIAGNOSTIC ERROR THRESHOLD
008E	00	0		SEC	KK35TIME	N=E*5	IAC MALF 35 DIAGNOSTIC TIME THRESHOLD
008F	00	0		RPM	KK42RMA	N=E/25	ENGINE SPEED LIMIT
0090	00	0		CNTS	KK42PLWD	N=E*16384	NUMBER OF ESTFBCTR COUNTS FOR A MALF 42A
0091	00	0		SEC	KKESCP	N=E*64	SPARK PULSE WIDTH THRESHOLD
0092	00	0		SEC	KKRTDF	N=E*256/45	PULSE ACCUMULATOR LIMIT
0093	00	0		DEG	KKM43ATH	N=E	ESC FAILURE DEFAULT RETARD(256 = 45 DEG)
0094	00	0		CTS	KKM43ATL	N=E	IF ESC A/D COUNTS > KKM43ATH,
0095	00	0		CTS	KKM43ATM	N=E*5	IF ESC A/D COUNTS < KKM43ATL,
0096	00	0		SEC	KK45TIM	N=E	IF ESC LINE HIGH FOR THIS LONG SET M43
0097	00	0		VOLTS	KK02MIN	N=E*226	MALF 45 TIME THRESHOLD
0098	00	0		VOLTS	KK02MAX	N=E*226	02 SENSOR LOW LIMIT
0099	00	0		COEF	KKAD02AF	N=E*256	02 SENSOR HIGH LIMIT
009A	00	0		SEC	KK44TIMS	N=E	MINOR LOOP 02 SENSOR FILTER CONSTANT, (0-1)
009B	00	0		SEC	KK44TIMF	N=E	MALF 44 SLOW INTEGRATOR RATE TIME THRESHOLD
009C	00	0		SEC	KK44TIMF	N=E	MALF 44 FAST INTEGRATOR RATE TIME THRESHOLD
009D	00	0		SEC	KK53TIM	N=E*10	TIME FOR MALF 53 CONDITION BEFORE FLAGGING

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009E	00	0	0	SEC	KACTIM1	N=E*10	DELAY TIME FOR HIGH RPM A/C DISABLE
009F	00	0	0	SEC	KACTIM2	N=E*10	DURABILITY DELAY FOR HIGH RPM A/C ENGAGEMENT
00A0	00	0	0	RPM	KRPM DUR	N=E/25	DURABILITY RPM THRESH FOR HI RPM A/C ENGAGE
00A1	00	0	0	%	KACDIS TH	N=E*2.56	THROTTLE POSITION THRESHOLD
00A2	00	0	0	%	KACDIS TL	N=E*2.56	THROTTLE POSITION THRESHOLD
00A3	00	0	0	DEG C	KACTEM L	N=(E+40)*256/192	HOT A/C DISABLE TEMP THRESH, LOWER
00A4	00	0	0	DEG C	KACTEM H	N=(E+40)*256/192	HOT A/C DISABLE TEMP THRESH, HIGHER
00A5	00	0	0	MPH	KACLMPHL	N=E*3.2	A/C LAUNCH MPH THRESHHOLD, LOWER VALUE
00A6	00	0	0	MPH	KACLMPHH	N=E*3.2	A/C LAUNCH MPH THRESHHOLD, HIGHER VALUE
00A7	00	0	0	%	KACLTPSL	N=E*2.56	A/C LAUNCH TPS THRESHHOLD, LOWER VALUE
00A8	00	0	0	%	KACLTPSH	N=E*2.56	A/C LAUNCH TPS THRESHHOLD, HIGHER VALUE
00A9	00	0	0	SEC	KACSUDLY	N=E	A/C START-UP ENGAGE DELAY
00AA	00	0	0	SEC	KACTIMER	N=E*10	A/C DELAY TIME
00AB	00	0	0	RPM	KACRPLM	N=E/25	RPM THRESHOLD PAIR FOR A/C CLUTCH
00AC	00	0	0	RPM	KACRPMH	N=E/25	RPM THRESHOLD PAIR FOR A/C CLUTCH
00AD	00	0	0	MPH	KFANVSLK	N=E*3.2	FAN ENABLE MPH THRESHOLD, LOWER VALUE
00AE	00	0	0	DEG	KFANCLTH	N=(E+40)*256/192	FAN ENABLE MPH THRESHOLD, HIGHER VALUE
00AF	00	0	0	MPH	KFANVSHK	N=E*3.2	FAN ENABLE MPH THRESHOLD, LOWER VALUE
00B0	00	0	0	DEG	KFANCLTL	N=(E+40)*256/192	FAN ENABLE MPH THRESHOLD, HIGHER VALUE
00B1	00	0	0	DEG C	KFANCTHL	N=(E+40)*256/192	FAN ANTICIPATE MOTOR POSITION OFFSET
00B2	00	0	0	DEG C	KFANCTHH	N=(E+40)*256/192	FAN ANTICIPATE MOTOR POSITION OFFSET
00B3	00	0	0	DEG C	KFANCTHL	N=(E+40)*256/192	1ST TIME DECAY RATE FOR FAN ANTICIPATE RECOVERY
00B4	00	0	0	DEG C	KFANCTCH	N=(E+40)*256/192	1ST TIME DECAY RATE FOR FAN ANTICIPATE RECOVERY (NOT 1ST)
00B5	00	0	0	DEG C	KFANMTC1	N=(E+40)*256/192	FAN ON DELAY AFTER FAN ON CONDITIONS MET
00B6	00	0	0	DEG C	KFANMTC2	N=(E+40)*256/192	FAN ON DELAY AFTER FAN ON CONDITIONS MET
00B7	00	0	0	STEPS	KFANMTC1	TBL3, ADMAT1K	
00B8	00	0	0	STEPS	KFANDS1	N=E	
00B9	00	0	0	STEPS	KFANDS2	N=E	
00BA	00	0	0	SEC	KFANCLC1	N=E*5-1	
00BB	00	0	0	SEC	KFANCLC2	N=E*5-1	
*				SEC	KFANTIM1	N=E*10	
00BC	04	4	4	SEC	F83	N=E	USE 5 VALUE TABLE
00BD	00	0	0	SEC		N=E*80	COLD DEG C-TEMP
00BE	00	0	0	SEC		N=E*80	23.5
00BF	00	0	0	SEC		N=E*80	49.3
00C0	00	0	0	SEC		N=E*80	80.0
00C1	00	0	0	SEC		N=E*80	HOT
*				SEC	F84	N=E	USE 5 VALUE TABLE
00C2	04	4	4	SEC		N=E*80	COLD DEG C-TEMP
00C3	00	0	0	SEC		N=E*80	23.5
00C4	00	0	0	SEC		N=E*80	49.3
00C5	00	0	0	SEC		N=E*80	80.0
00C6	00	0	0	SEC		N=E*80	HOT
00C7	00	0	0	SEC		N=E*80	
00C8	00	0	0	KPA	KMAP INC	N=2.71*E-28.06	MAP THRESHOLD FOR INCREMENTING FAN TIMER
00C9	00	0	0	KPA	KMAP DEC	N=2.71*E-28.06	MAP THRESHOLD FOR DECREMENTING FAN TIMER
00CA	0000	0	0	SEC	KMAX TIME	N=E*80	MAX TIME FOR FAN ON AFTER IGN. OFF
00CB	0000	0	0	SEC	KMIN TIME	N=E*80	MIN TIME FOR FAN ON AFTER IGN. OFF
00CC	0000	0	0	SEC	KFANTIM2	N=E*10	DELAY BEFORE FAN IS TURNED OFF IF A/C WAS ON
00CE	0000	0	0	SEC			

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0000	00	0		DEG C	KTCCTMPL	N=(E+40)*256/192	TCC LOWER TEMPERATURE LIMIT
0001	00	0		%	KCOASTHZ	N=E*2.56	TCC HYSTERESIS FOR KCOAST1 AND KCOAST2
0002	00	0		MPH	KRSCSTK	N=E*3.2	TCC ROAD SPEED COAST LEVEL
0003	00	0		%	KCOAST1A	N=E*2.56	TCC LOW-MPH COAST LOAD LIMIT
0004	00	0		%	KCOAST2A	N=E*2.56	TCC HIGH-MPH COAST LOAD LIMIT
0005	00	0		%	KREL1A	N=E*2.56	TCC NEGATIVE DELTA THROTTLE POS. UNLOCK LIMIT
0006	00	0		%	KREL2A	N=E*2.56	TCC POSITIVE DELTA THROTTLE POS. UNLOCK LIMIT
0007	00	0		SEC	KLCKDLYT	N=E*10	TCC DELAY BEFORE LOCK ENABLED AFTER COND. MET
0008	00	0		SEC	KLKDLTY2	N=E*10	TCC DELAY RELEASE LOCK DELAY TIME LOW ROAD SPEED
0009	00	0		SEC	KLKDLTY3	N=E*10	TCC COAST RELEASE LOCK DELAY TIME HI ROAD SPEED
000A	00	0		MPH	KRSHNTHK	N=E*3.2	TCC ROAD SPEED UPPER LIMIT FOR LOCK, 3RD GEAR
000B	00	0		MPH	KRSHNTLK	N=E*3.2	TCC ROAD SPEED LOWER LIMIT FOR UNLOCK, 3RD GEAR
*							
000C	00	0		%	F42C2	TBL4,3	MPH-SPEED
000D	00	0		%		TBL4,3	
000E	00	0		%		TBL4,3	
000F	00	0		%		TBL4,3	
00E0	00	0		%		TBL4,3	
00E1	00	0		%		TBL4,3	
00E2	00	0		%		TBL4,3	
00E3	00	0		%		TBL4,3	
00E4	00	0		%		TBL4,3	
00E5	00	0		%		TBL4,3	
00E6	00	0		%		TBL4,3	
*							
00E7	00	0		%	F43C2	TBL4,3	MPH-SPEED
00E8	00	0		%		TBL4,3	
00E9	00	0		%		TBL4,3	
00EA	00	0		%		TBL4,3	
00EB	00	0		%		TBL4,3	
00EC	00	0		%		TBL4,3	
00ED	00	0		%		TBL4,3	
00EE	00	0		%		TBL4,3	
00EF	00	0		%		TBL4,3	
00F0	00	0		%		TBL4,3	
00F1	00	0		%		TBL4,3	
00F2	00	0		%		TBL4,3	
00F3	00	0		SEC	KSPDDIV	N=DTABLE(E,N,1,\$00,6,\$80,7,\$40 8,\$C0,9,\$20,10,\$A0,11,\$60)	'DIVISOR' IP PULSE DIVISOR
00F4	0000	0		PU/MI	KVEHMOVE	N=E*10	SECONDS BEFORE VEHICLE NOT MOVING BIT SET
00F5	0000	0		PU/MI	KSPDSEN	IF(E.NE.0)N=7372800/E	ROAD SPEED SENSOR CONSTANT
00F6	00	0		DEG	KEGRBIAS	N=E*256/90	BIAS FOR EGR ADV CORR (TABLE F4)
00F7	00	0		DEG	KBSTBIAS	N=E*256/90	BIAS FOR BASE COOL ADV CORR (TABLE F2)
00F8	00	0		DEG	KBSTBIAS	N=E*256/90	BIAS FOR BOOST ADVANCE CORRECTION (TABLE F3)
00F9	00	0		RPM	KRPKNNOB	N=E/12.5	CUTOFF FOR ESC RETARD INCREASE
00FA	00	0		DEG	KRETARDM	N=E*256/45	MAXIMUM ALLOWABLE RETARD (256= 45 DEG)
00FB	00	0		DEG C	KESCOOL	N=(E+40)*256/192	ESC COOLANT CUTOFF
00FC	00	0		SEC	KESCGLY	N=E	CRANK TO RUN TRANS DELAY FOR ESC (KNOCK)
00FD	00	0		KPA	KESCMAP	N=2.71*E-28.06	ESC RECOVERY RATE MAP THRESHOLD
00FE	00	0		%/SEC	KESCMREC	N=E*256/500	ESC FAST RECOVERY RATE

REL ADDR HEX	COMP DATA HEX	COMP DATA DEC	ENG. DATA DEC	ENG. UNITS	SYMBOL	CONVERSION EQUATION	DESCRIPTION
0130	00	0		KPA		N=E*2.71	75.0
0131	00	0		KPA		N=E*2.71	87.5
0132	00	0		KPA		N=E*2.71	100.0
0133	00	0		KPA	KMAXOFF	N=E*2.71	MAXIMUM MAP OFFSET FOR BARO ADJUSTMENT
*							
0134	00	0		FACTR	F11P	N=E*128	75 KPA-BARO
0135	00	0		FACTR		N=E*128	85
0136	00	0		FACTR		N=E*128	95
0137	00	0		FACTR		N=E*128	105
0138	00	0		FACT	KMPGMULT	N=E*128	EMPIRICALLY DERIVED MULTIPLIER TO BE USED
0139	0000	0		SEC	KESCNOPT	N=E*80	ESC NOT OPERATIONAL TIMER CONSTANT
013B	00	0		SEC	KFUELCT3	N=E*10	TIMER LIMIT IN FUEL TYPE LOGIC

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REL ADDR HEX	COMP DATA HEX	COMP DATA DEC	ENG. DATA DEC	ENG. UNITS	SYMBOL	CONVERSION EQUATION	DESCRIPTION
013C	00	0		%	KTPSHYSM	N=E*256/100	TPS HYSTERESIS FOR MINIMUM TPS FOR SHFT LITE ON
013E	00	0		RPM	KRPMHYSM	N=E/25	RPM HYSTERESIS FOR MIN RPM FOR SHFT LITE ON
013F	0000	0		MPH	KRPMAX	N=E/25	RPM ABOVE WHICH LIGHT IS ALWAYS TURNED ON
*					KSHFMPHL	N=E*256	MPH BELOW WHICH LIGHT IS ALWAYS TURNED OFF
0141	00	0		%	F47G1ST	N=E*256/100	
0142	00	0		%		N=E*256/100	
0143	00	0		%		N=E*256/100	
0144	00	0		%		N=E*256/100	
0145	00	0		%		N=E*256/100	
0146	00	0		%		N=E*256/100	
0147	00	0		%		N=E*256/100	
0148	00	0		%		N=E*256/100	
0149	00	0		%		N=E*256/100	
014A	00	0		%		N=E*256/100	
014B	00	0		%		N=E*256/100	
014C	00	0		%		N=E*256/100	
014D	00	0			KNVRAT1H	N=E	'RPM/MPH' UPPER N/V WINDOW VALUE, 1ST GEAR
014E	00	0			KNVRAT1L	N=E	'RPM/MPH' LOWER N/V WINDOW VALUE, 1ST GEAR
014F	00	0		RPM	KRPMIN1	N=E/25	MINIMUM RPM FOR LIGHT ON, 1ST GEAR
0150	00	0		% SEC	KTPSNLT1	N=E*256/100	MINIMUM TPS FOR LIGHT ON, 1ST GEAR
0151	00	0		%	KGRDLY1	N=E*10	LIGHT ON DELAY TIME, 1ST GEAR
0152	00	0		SEC	KTPSHYS1	N=E*256/100	TPS HYSTERESIS FOR LIGHT ON, 1ST GEAR
*					KLI1DLY1	N=E*10	LIGHT ON DELAY TIME, 1ST GEAR
0153	00	0		%	F47G2ND	N=E*256/100	
0154	00	0		%		N=E*256/100	
0155	00	0		%		N=E*256/100	
0156	00	0		%		N=E*256/100	
0157	00	0		%		N=E*256/100	
0158	00	0		%		N=E*256/100	
0159	00	0		%		N=E*256/100	
015A	00	0		%		N=E*256/100	
015B	00	0		%		N=E*256/100	
015C	00	0		%		N=E*256/100	
015D	00	0		%		N=E*256/100	
015E	00	0		%		N=E*256/100	
015F	00	0			KNVRAT2H	N=E	'RPM/MPH' UPPER N/V WINDOW VALUE, 2ND GEAR
0160	00	0			KNVRAT2L	N=E	'RPM/MPH' LOWER N/V WINDOW VALUE, 2ND GEAR
0161	00	0		RPM	KRPMIN2	N=E/25	MINIMUM RPM FOR LIGHT ON, 2ND GEAR
0162	00	0		% SEC	KTPSNLT2	N=E*256/100	MINIMUM TPS FOR LIGHT ON, 2ND GEAR
0163	00	0		%	KGRDLY2	N=E*10	LIGHT ON DELAY TIME, 2ND GEAR
0164	00	0		SEC	KTPSHYS2	N=E*256/100	TPS HYSTERESIS FOR LIGHT ON, 2ND GEAR
*					KLI1DLY2	N=E*10	LIGHT ON DELAY TIME, 2ND GEAR
0165	00	0		%	F47G3RD	N=E*256/100	
0166	00	0		%		N=E*256/100	
0167	00	0		%		N=E*256/100	
0168	00	0		%		N=E*256/100	
0169	00	0		%		N=E*256/100	
016A	00	0		%		N=E*256/100	
016B	00	0		%		N=E*256/100	
016C	00	0		%		N=E*256/100	

REL ADDR HEX	COMP DATA	COMP DATA DEC	ENG. DATA DEC	ENG. UNITS	SYMBOL	CONVERSION EQUATION	DESCRIPTION
* 018F	00	0			F1C		
0190	00	0			N=E		R MIN; R = NTRPMP
0191	11	17			N=E		Q MIN; Q = NMAPLD
* 0192	00	0			N=E		R NUM
0193	00	0			N=E*256/90		20 30
0194	00	0			N=E*256/90		25 40
0195	00	0			N=E*256/90		30 50
0196	00	0			N=E*256/90		35 60
0197	00	0			N=E*256/90		40 70
0198	00	0			N=E*256/90		45 80
0199	00	0			N=E*256/90		50 90
019A	00	0			N=E*256/90		55 100
019B	00	0			N=E*256/90		60 110
019C	00	0			N=E*256/90		65 120
019D	00	0			N=E*256/90		70 130
019E	00	0			N=E*256/90		75 140
019F	00	0			N=E*256/90		80 150
01A0	00	0			N=E*256/90		85 160
01A1	00	0			N=E*256/90		90 170
01A2	00	0			N=E*256/90		95 180
* 01A3	00	0			N=E		100 190
01A4	00	0			N=E*256/90		
01A5	00	0			N=E*256/90		
01A6	00	0			N=E*256/90		
01A7	00	0			N=E*256/90		
01A8	00	0			N=E*256/90		
01A9	00	0			N=E*256/90		
01AA	00	0			N=E*256/90		
01AB	00	0			N=E*256/90		
01AC	00	0			N=E*256/90		
01AD	00	0			N=E*256/90		
01AE	00	0			N=E*256/90		
01AF	00	0			N=E*256/90		
01B0	00	0			N=E*256/90		
01B1	00	0			N=E*256/90		
01B2	00	0			N=E*256/90		
01B3	00	0			N=E*256/90		
* 01B4	00	0			N=E		
01B5	00	0			N=E*256/90		
01B6	00	0			N=E*256/90		
01B7	00	0			N=E*256/90		
01B8	00	0			N=E*256/90		
01B9	00	0			N=E*256/90		
01BA	00	0			N=E*256/90		
01BB	00	0			N=E*256/90		
01BC	00	0			N=E*256/90		
01BD	00	0			N=E*256/90		
01BE	00	0			N=E*256/90		

600 RPM
 800 RPM
 1000 RPM
 KPA-MAP 2ATM

REL ADDR HEX	COMP DATA HEX	COMP DATA DEC	ENG. DATA DEC	ENG. UNITS	SYMBOL	CONVERSION EQUATION	DESCRIPTION
01BF	00	0		DEG	N=E*256/90	75 140	
01C0	00	0		DEG	N=E*256/90	80 150	
01C1	00	0		DEG	N=E*256/90	85 160	
01C2	00	0		DEG	N=E*256/90	90 170	
01C3	00	0		DEG	N=E*256/90	95 180	
01C4	00	0		DEG	N=E*256/90	100 190	
*					SPEED		
01C5	00	0		DEG	N=E*256/90	20 30	KPA-MAP 2ATM
01C6	00	0		DEG	N=E*256/90	25 40	
01C7	00	0		DEG	N=E*256/90	30 50	
01C8	00	0		DEG	N=E*256/90	35 60	
01C9	00	0		DEG	N=E*256/90	40 70	
01CA	00	0		DEG	N=E*256/90	45 80	
01CB	00	0		DEG	N=E*256/90	50 90	
01CC	00	0		DEG	N=E*256/90	55 100	
01CD	00	0		DEG	N=E*256/90	60 110	
01CE	00	0		DEG	N=E*256/90	65 120	
01CF	00	0		DEG	N=E*256/90	70 130	
01D0	00	0		DEG	N=E*256/90	75 140	
01D1	00	0		DEG	N=E*256/90	80 150	
01D2	00	0		DEG	N=E*256/90	85 160	
01D3	00	0		DEG	N=E*256/90	90 170	
01D4	00	0		DEG	N=E*256/90	95 180	
01D5	00	0		DEG	N=E*256/90	100 190	
*					SPEED		
01D6	00	0		DEG	N=E*256/90	20 30	KPA-MAP 2ATM
01D7	00	0		DEG	N=E*256/90	25 40	
01D8	00	0		DEG	N=E*256/90	30 50	
01D9	00	0		DEG	N=E*256/90	35 60	
01DA	00	0		DEG	N=E*256/90	40 70	
01DB	00	0		DEG	N=E*256/90	45 80	
01DC	00	0		DEG	N=E*256/90	50 90	
01DD	00	0		DEG	N=E*256/90	55 100	
01DE	00	0		DEG	N=E*256/90	60 110	
01DF	00	0		DEG	N=E*256/90	65 120	
01E0	00	0		DEG	N=E*256/90	70 130	
01E1	00	0		DEG	N=E*256/90	75 140	
01E2	00	0		DEG	N=E*256/90	80 150	
01E3	00	0		DEG	N=E*256/90	85 160	
01E4	00	0		DEG	N=E*256/90	90 170	
01E5	00	0		DEG	N=E*256/90	95 180	
01E6	00	0		DEG	N=E*256/90	100 190	
*					SPEED		
01E7	00	0		DEG	N=E*256/90	20 30	KPA-MAP 2ATM
01E8	00	0		DEG	N=E*256/90	25 40	
01E9	00	0		DEG	N=E*256/90	30 50	
01EA	00	0		DEG	N=E*256/90	35 60	
01EB	00	0		DEG	N=E*256/90	40 70	
01EC	00	0		DEG	N=E*256/90	45 80	
01ED	00	0		DEG	N=E*256/90	50 90	
01EE	00	0		DEG	N=E*256/90	55 100	
01EF	00	0		DEG	N=E*256/90	60 110	

MY CPC 2.0L TURBO ECM CALIBRATION PARAMETER SUMMARY
 ***** DEVICE STARTING AT ADDRESS C000 *****

REL ADDR HEX	COMP DATA HEX	COMP DATA DEC	ENG. DATA DEC	ENG. UNITS	SYMBOL	CONVERSION EQUATION	DESCRIPTION
01F0	00	0		DEG	N=E*256/90		65 120
01F1	00	0		DEG	N=E*256/90		70 130
01F2	00	0		DEG	N=E*256/90		75 140
01F3	00	0		DEG	N=E*256/90		80 150
01F4	00	0		DEG	N=E*256/90		85 160
01F5	00	0		DEG	N=E*256/90		90 170
01F6	00	0		DEG	N=E*256/90		95 180
01F7	00	0		DEG	N=E*256/90		100 190
*				SPEED			
01F8	00	0		DEG	N=E*256/90	2000 RPM	20 30
01F9	00	0		DEG	N=E*256/90		25 40
01FA	00	0		DEG	N=E*256/90		30 50
01FB	00	0		DEG	N=E*256/90		35 60
01FC	00	0		DEG	N=E*256/90		40 70
01FD	00	0		DEG	N=E*256/90		45 80
01FE	00	0		DEG	N=E*256/90		50 90
01FF	00	0		DEG	N=E*256/90		55 100
0200	00	0		DEG	N=E*256/90		60 110
0201	00	0		DEG	N=E*256/90		65 120
0202	00	0		DEG	N=E*256/90		70 130
0203	00	0		DEG	N=E*256/90		75 140
0204	00	0		DEG	N=E*256/90		80 150
0205	00	0		DEG	N=E*256/90		85 160
0206	00	0		DEG	N=E*256/90		90 170
0207	00	0		DEG	N=E*256/90		95 180
0208	00	0		DEG	N=E*256/90		100 190
*				SPEED			
0209	00	0		DEG	N=E*256/90	2400 RPM	20 30
020A	00	0		DEG	N=E*256/90		25 40
020B	00	0		DEG	N=E*256/90		30 50
020C	00	0		DEG	N=E*256/90		35 60
020D	00	0		DEG	N=E*256/90		40 70
020E	00	0		DEG	N=E*256/90		45 80
020F	00	0		DEG	N=E*256/90		50 90
0210	00	0		DEG	N=E*256/90		55 100
0211	00	0		DEG	N=E*256/90		60 110
0212	00	0		DEG	N=E*256/90		65 120
0213	00	0		DEG	N=E*256/90		70 130
0214	00	0		DEG	N=E*256/90		75 140
0215	00	0		DEG	N=E*256/90		80 150
0216	00	0		DEG	N=E*256/90		85 160
0217	00	0		DEG	N=E*256/90		90 170
0218	00	0		DEG	N=E*256/90		95 180
0219	00	0		DEG	N=E*256/90		100 190
*				SPEED			
021A	00	0		DEG	N=E*256/90	2800 RPM	20 30
021B	00	0		DEG	N=E*256/90		25 40
021C	00	0		DEG	N=E*256/90		30 50
021D	00	0		DEG	N=E*256/90		35 60
021E	00	0		DEG	N=E*256/90		40 70
021F	00	0		DEG	N=E*256/90		45 80
0220	00	0		DEG	N=E*256/90		50 90

KPA-MAP 2ATM

KPA-MAP 2ATM

KPA-MAP 2ATM

KPA-MAP 2ATM

KPA-MAP 2ATM

KPA-MAP 2ATM

REL ADDR HEX	COMP DATA HEX	COMP DATA DEC	ENG. DATA DEC	ENG. UNITS	SYMBOL	CONVERSION EQUATION	DESCRIPTION
0221	00	0		DEG	N=E*256/90	55 100	
0222	00	0		DEG	N=E*256/90	60 110	
0223	00	0		DEG	N=E*256/90	65 120	
0224	00	0		DEG	N=E*256/90	70 130	
0225	00	0		DEG	N=E*256/90	75 140	
0226	00	0		DEG	N=E*256/90	80 150	
0227	00	0		DEG	N=E*256/90	85 160	
0228	00	0		DEG	N=E*256/90	90 170	
0229	00	0		DEG	N=E*256/90	95 180	
022A	00	0		DEG	N=E*256/90	100 190	
*					SPEED		
022B	00	0		DEG	N=E*256/90	3200 RPM	KPA-MAP 2ATM
022C	00	0		DEG	N=E*256/90	20 30	
022D	00	0		DEG	N=E*256/90	25 40	
022E	00	0		DEG	N=E*256/90	30 50	
022F	00	0		DEG	N=E*256/90	35 60	
0230	00	0		DEG	N=E*256/90	40 70	
0231	00	0		DEG	N=E*256/90	45 80	
0232	00	0		DEG	N=E*256/90	50 90	
0233	00	0		DEG	N=E*256/90	55 100	
0234	00	0		DEG	N=E*256/90	60 110	
0235	00	0		DEG	N=E*256/90	65 120	
0236	00	0		DEG	N=E*256/90	70 130	
0237	00	0		DEG	N=E*256/90	75 140	
0238	00	0		DEG	N=E*256/90	80 150	
0239	00	0		DEG	N=E*256/90	85 160	
023A	00	0		DEG	N=E*256/90	90 170	
023B	00	0		DEG	N=E*256/90	95 180	
*					SPEED		
023C	00	0		DEG	N=E*256/90	3600 RPM	KPA-MAP 2ATM
023D	00	0		DEG	N=E*256/90	20 30	
023E	00	0		DEG	N=E*256/90	25 40	
023F	00	0		DEG	N=E*256/90	30 50	
0240	00	0		DEG	N=E*256/90	35 60	
0241	00	0		DEG	N=E*256/90	40 70	
0242	00	0		DEG	N=E*256/90	45 80	
0243	00	0		DEG	N=E*256/90	50 90	
0244	00	0		DEG	N=E*256/90	55 100	
0245	00	0		DEG	N=E*256/90	60 110	
0246	00	0		DEG	N=E*256/90	65 120	
0247	00	0		DEG	N=E*256/90	70 130	
0248	00	0		DEG	N=E*256/90	75 140	
0249	00	0		DEG	N=E*256/90	80 150	
024A	00	0		DEG	N=E*256/90	85 160	
024B	00	0		DEG	N=E*256/90	90 170	
024C	00	0		DEG	N=E*256/90	95 180	
*					SPEED		
024D	00	0		DEG	N=E*256/90	4000 RPM	KPA-MAP 2ATM
024E	00	0		DEG	N=E*256/90	20 30	
024F	00	0		DEG	N=E*256/90	25 40	
0250	00	0		DEG	N=E*256/90	30 50	
0251	00	0		DEG	N=E*256/90	35 60	
						40 70	

REL ADDR HEX	COMP DATA HEX	COMP DATA DEC	ENG. DATA DEC	ENG. UNITS	SYMBOL	CONVERSION EQUATION	DESCRIPTION
0252	00	0		DEG	N=E*256/90	45 80	
0253	00	0		DEG	N=E*256/90	50 90	
0254	00	0		DEG	N=E*256/90	55 100	
0255	00	0		DEG	N=E*256/90	60 110	
0256	00	0		DEG	N=E*256/90	65 120	
0257	00	0		DEG	N=E*256/90	70 130	
0258	00	0		DEG	N=E*256/90	75 140	
0259	00	0		DEG	N=E*256/90	80 150	
025A	00	0		DEG	N=E*256/90	85 160	
025B	00	0		DEG	N=E*256/90	90 170	
025C	00	0		DEG	N=E*256/90	95 180	
025D	00	0		DEG	N=E*256/90	100 190	
*				SPEED			
025E	00	0		DEG	N=E*256/90	20 30	KPA-MAP 2ATM
025F	00	0		DEG	N=E*256/90	25 40	
0260	00	0		DEG	N=E*256/90	30 50	
0261	00	0		DEG	N=E*256/90	35 60	
0262	00	0		DEG	N=E*256/90	40 70	
0263	00	0		DEG	N=E*256/90	45 80	
0264	00	0		DEG	N=E*256/90	50 90	
0265	00	0		DEG	N=E*256/90	55 100	
0266	00	0		DEG	N=E*256/90	60 110	
0267	00	0		DEG	N=E*256/90	65 120	
0268	00	0		DEG	N=E*256/90	70 130	
0269	00	0		DEG	N=E*256/90	75 140	
026A	00	0		DEG	N=E*256/90	80 150	
026B	00	0		DEG	N=E*256/90	85 160	
026C	00	0		DEG	N=E*256/90	90 170	
026D	00	0		DEG	N=E*256/90	95 180	
026E	00	0		DEG	N=E*256/90	100 190	
*				SPEED			
026F	00	0		DEG	N=E*256/90	20 30	KPA-MAP 2ATM
0270	00	0		DEG	N=E*256/90	25 40	
0271	00	0		DEG	N=E*256/90	30 50	
0272	00	0		DEG	N=E*256/90	35 60	
0273	00	0		DEG	N=E*256/90	40 70	
0274	00	0		DEG	N=E*256/90	45 80	
0275	00	0		DEG	N=E*256/90	50 90	
0276	00	0		DEG	N=E*256/90	55 100	
0277	00	0		DEG	N=E*256/90	60 110	
0278	00	0		DEG	N=E*256/90	65 120	
0279	00	0		DEG	N=E*256/90	70 130	
027A	00	0		DEG	N=E*256/90	75 140	
027B	00	0		DEG	N=E*256/90	80 150	
027C	00	0		DEG	N=E*256/90	85 160	
027D	00	0		DEG	N=E*256/90	90 170	
027E	00	0		DEG	N=E*256/90	95 180	
027F	00	0		DEG	N=E*256/90	100 190	
*				F2E			
0280	00	0		N=E			LOAD SELECTOR (0=NVACL, 1=NMPLD)
0281	20	32		N=E			R MIN; R = COOLDEG
0282	40	64		N=E			Q MIN; Q = LOAD

REL ADDR HEX	COMP DATA HEX	COMP DATA DEC	ENG. DATA DEC	ENG. UNITS	SYMBOL	CONVERSION EQUATION	R NUM	DESCRIPTION
0283	05	5	N=E					
0284	00	0	N=(E+KCTBIAS)*256/90	DEG		COOL TEMP -16 DEG C	40	KPA-VAC
0285	00	0	N=(E+KCTBIAS)*256/90	DEG			30	
0286	00	0	N=(E+KCTBIAS)*256/90	DEG			20	
0287	00	0	N=(E+KCTBIAS)*256/90	DEG			10	
0288	00	0	N=(E+KCTBIAS)*256/90	DEG			0	
0289	00	0	N=(E+KCTBIAS)*256/90	DEG		COOL TEMP -4 DEG C	40	KPA-VAC
028A	00	0	N=(E+KCTBIAS)*256/90	DEG			30	
028B	00	0	N=(E+KCTBIAS)*256/90	DEG			20	
028C	00	0	N=(E+KCTBIAS)*256/90	DEG			10	
028D	00	0	N=(E+KCTBIAS)*256/90	DEG			0	
028E	00	0	N=(E+KCTBIAS)*256/90	DEG		COOL TEMP 8 DEG C	40	KPA-VAC
028F	00	0	N=(E+KCTBIAS)*256/90	DEG			30	
0290	00	0	N=(E+KCTBIAS)*256/90	DEG			20	
0291	00	0	N=(E+KCTBIAS)*256/90	DEG			10	
0292	00	0	N=(E+KCTBIAS)*256/90	DEG			0	
0293	00	0	N=(E+KCTBIAS)*256/90	DEG		COOL TEMP 20 DEG C	40	KPA-VAC
0294	00	0	N=(E+KCTBIAS)*256/90	DEG			30	
0295	00	0	N=(E+KCTBIAS)*256/90	DEG			20	
0296	00	0	N=(E+KCTBIAS)*256/90	DEG			10	
0297	00	0	N=(E+KCTBIAS)*256/90	DEG			0	
0298	00	0	N=(E+KCTBIAS)*256/90	DEG		COOL TEMP 32 DEG C	40	KPA-VAC
0299	00	0	N=(E+KCTBIAS)*256/90	DEG			30	
029A	00	0	N=(E+KCTBIAS)*256/90	DEG			20	
029B	00	0	N=(E+KCTBIAS)*256/90	DEG			10	
029C	00	0	N=(E+KCTBIAS)*256/90	DEG			0	
029D	00	0	N=(E+KCTBIAS)*256/90	DEG		COOL TEMP 44 DEG C	40	KPA-VAC
029E	00	0	N=(E+KCTBIAS)*256/90	DEG			30	
029F	00	0	N=(E+KCTBIAS)*256/90	DEG			20	
02A0	00	0	N=(E+KCTBIAS)*256/90	DEG			10	
02A1	00	0	N=(E+KCTBIAS)*256/90	DEG			0	
02A2	00	0	N=(E+KCTBIAS)*256/90	DEG		COOL TEMP 56 DEG C	40	KPA-VAC
02A3	00	0	N=(E+KCTBIAS)*256/90	DEG			30	
02A4	00	0	N=(E+KCTBIAS)*256/90	DEG			20	
02A5	00	0	N=(E+KCTBIAS)*256/90	DEG			10	
02A6	00	0	N=(E+KCTBIAS)*256/90	DEG			0	
02A7	00	0	N=(E+KCTBIAS)*256/90	DEG		COOL TEMP 68 DEG C	40	KPA-VAC
02A8	00	0	N=(E+KCTBIAS)*256/90	DEG			30	
02A9	00	0	N=(E+KCTBIAS)*256/90	DEG			20	
02AA	00	0	N=(E+KCTBIAS)*256/90	DEG			10	
02AB	00	0	N=(E+KCTBIAS)*256/90	DEG			0	
02AC	00	0	N=(E+KCTBIAS)*256/90	DEG		COOL TEMP 80 DEG C	40	KPA-VAC
02AD	00	0	N=(E+KCTBIAS)*256/90	DEG			30	
02AE	00	0	N=(E+KCTBIAS)*256/90	DEG			20	
02AF	00	0	N=(E+KCTBIAS)*256/90	DEG			10	
02B0	00	0	N=(E+KCTBIAS)*256/90	DEG			0	
02B1	00	0	N=(E+KCTBIAS)*256/90	DEG		COOL TEMP 92 DEG C	40	KPA-VAC
02B2	00	0	N=(E+KCTBIAS)*256/90	DEG			30	
02B3	00	0	N=(E+KCTBIAS)*256/90	DEG			20	

8 CPC 2.0L TURBO ECM CALIBRATION PARAMETER SUMMARY
 ***** DEVICE STARTING AT ADDRESS C000 *****

DESCRIPTION

CONVERSION EQUATION

SYMBOL

COMP DATA DEC
 ADDR HEX

COMP DATA DEC	ADDR HEX	COMP DATA DEC	ENG. DATA DEC	ENG. UNITS	SYMBOL	CONVERSION EQUATION	DESCRIPTION
02B4	00	0	DEG		N=(E+KCTBIAS)*256/90	10	
02B5	00	0	DEG		N=(E+KCTBIAS)*256/90	0	
02B6	00	0	DEG		N=(E+KCTBIAS)*256/90	40	KPA-VAC
02B7	00	0	DEG		N=(E+KCTBIAS)*256/90	30	
02B8	00	0	DEG		N=(E+KCTBIAS)*256/90	20	
02B9	00	0	DEG		N=(E+KCTBIAS)*256/90	10	
02BA	00	0	DEG		N=(E+KCTBIAS)*256/90	0	
02BB	00	0	DEG		N=(E+KCTBIAS)*256/90	40	KPA-VAC
02BC	00	0	DEG		N=(E+KCTBIAS)*256/90	30	
02BD	00	0	DEG		N=(E+KCTBIAS)*256/90	20	
02BE	00	0	DEG		N=(E+KCTBIAS)*256/90	10	
02BF	00	0	DEG		N=(E+KCTBIAS)*256/90	0	
02C0	00	0	DEG		N=(E+KCTBIAS)*256/90	40	KPA-VAC
02C1	00	0	DEG		N=(E+KCTBIAS)*256/90	30	
02C2	00	0	DEG		N=(E+KCTBIAS)*256/90	20	
02C3	00	0	DEG		N=(E+KCTBIAS)*256/90	10	
02C4	00	0	DEG		N=(E+KCTBIAS)*256/90	0	
02C5	00	0	DEG		N=(E+KCTBIAS)*256/90	40	KPA-VAC
02C6	00	0	DEG		N=(E+KCTBIAS)*256/90	30	
02C7	00	0	DEG		N=(E+KCTBIAS)*256/90	20	
02C8	00	0	DEG		N=(E+KCTBIAS)*256/90	10	
02C9	00	0	DEG		N=(E+KCTBIAS)*256/90	0	
02CA	00	0	DEG		N=(E+KCTBIAS)*256/90	40	KPA-VAC
02CB	00	0	DEG		N=(E+KCTBIAS)*256/90	30	
02CC	00	0	DEG		N=(E+KCTBIAS)*256/90	20	
02CD	00	0	DEG		N=(E+KCTBIAS)*256/90	10	
02CE	00	0	DEG		N=(E+KCTBIAS)*256/90	0	
02CF	00	0	DEG		N=(E+KCTBIAS)*256/90	40	KPA-VAC
02D0	00	0	DEG		N=(E+KCTBIAS)*256/90	30	
02D1	09	9	DEG		N=(E+KCTBIAS)*256/90	20	
02D2	00	0	DEG		N=(E+KCTBIAS)*256/90	10	
02D3	00	0	DEG		N=(E+KCTBIAS)*256/90	0	
02D4	00	0	DEG		N=(E+KCTBIAS)*256/90	40	KPA-VAC
02D5	00	0	DEG		N=(E+KCTBIAS)*256/90	30	
02D6	00	0	DEG		N=(E+KCTBIAS)*256/90	20	
02D7	00	0	DEG		N=(E+KCTBIAS)*256/90	10	
02D8	00	0	DEG		N=(E+KCTBIAS)*256/90	0	
02D9	00	0	DEG		N=(E+KCTBIAS)*256/90	40	KPA-VAC
02DA	00	0	DEG		N=(E+KCTBIAS)*256/90	30	
02DB	00	0	DEG		N=(E+KCTBIAS)*256/90	20	
02DC	00	0	DEG		N=(E+KCTBIAS)*256/90	10	
02DD	00	0	DEG		N=(E+KCTBIAS)*256/90	0	
02DE	00	0	DEG		N=(E+KCTBIAS)*256/90	40	KPA-VAC
02DF	00	0	DEG		N=(E+KCTBIAS)*256/90	30	
02E0	00	0	DEG		N=(E+KCTBIAS)*256/90	20	
02E1	00	0	DEG		N=(E+KCTBIAS)*256/90	10	
02E2	00	0	DEG		N=(E+KCTBIAS)*256/90	0	
02E3	00	0	DEG		N=(E+KCTBIAS)*256/90	40	KPA-VAC
02E4	00	0	DEG		N=(E+KCTBIAS)*256/90	30	

R MIN; R=ADMATIK'
 Q MIN; Q=BSTPRESS

R NUM	DESCRIPTION
0.0	KPA-BOOST
12.5	
25.0	
37.5	
50.0	
62.5	
75.0	
87.5	
100.0	
0.0	KPA-BOOST
12.5	
25.0	
37.5	
50.0	
62.5	
75.0	
87.5	
100.0	
0.0	KPA-BOOST

ADDR HEX	COMP DATA DEC	ENG. DATA DEC	ENG. UNITS	SYMBOL	CONVERSION EQUATION	DESCRIPTION
02CF	00	0	DEG	N=E		
02D0	00	0	DEG	N=E		
02D1	09	9	DEG	N=E		
02D2	00	0	DEG	N=(E+KCTBIAS)*256/90	TEMP	
02D3	00	0	DEG	N=(E+KCTBIAS)*256/90	TEMP	
02D4	00	0	DEG	N=(E+KCTBIAS)*256/90	TEMP	
02D5	00	0	DEG	N=(E+KCTBIAS)*256/90	TEMP	
02D6	00	0	DEG	N=(E+KCTBIAS)*256/90	TEMP	
02D7	00	0	DEG	N=(E+KCTBIAS)*256/90	TEMP	
02D8	00	0	DEG	N=(E+KCTBIAS)*256/90	TEMP	
02D9	00	0	DEG	N=(E+KCTBIAS)*256/90	TEMP	
02DA	00	0	DEG	N=(E+KCTBIAS)*256/90	TEMP	
02DB	00	0	DEG	N=(E+KCTBIAS)*256/90	TEMP	
02DC	00	0	DEG	N=(E+KCTBIAS)*256/90	TEMP	
02DD	00	0	DEG	N=(E+KCTBIAS)*256/90	TEMP	
02DE	00	0	DEG	N=(E+KCTBIAS)*256/90	TEMP	
02DF	00	0	DEG	N=(E+KCTBIAS)*256/90	TEMP	
02E0	00	0	DEG	N=(E+KCTBIAS)*256/90	TEMP	
02E1	00	0	DEG	N=(E+KCTBIAS)*256/90	TEMP	
02E2	00	0	DEG	N=(E+KCTBIAS)*256/90	TEMP	
02E3	00	0	DEG	N=(E+KCTBIAS)*256/90	TEMP	
02E4	00	0	DEG	N=(E+KCTBIAS)*256/90	TEMP	

REL ADDR HEX	COMP DATA HEX	COMP DATA DEC	ENG. DATA DEC	ENG. UNITS	SYMBOL	CONVERSION EQUATION	DESCRIPTION
02E5	00	0		DEG	N=(E+KBSTBIAS)*256/90	12.5	
02E6	00	0		DEG	N=(E+KBSTBIAS)*256/90	25.0	
02E7	00	0		DEG	N=(E+KBSTBIAS)*256/90	37.5	
02E8	00	0		DEG	N=(E+KBSTBIAS)*256/90	50.0	
02E9	00	0		DEG	N=(E+KBSTBIAS)*256/90	62.5	
02EA	00	0		DEG	N=(E+KBSTBIAS)*256/90	75.0	
02EB	00	0		DEG	N=(E+KBSTBIAS)*256/90	87.5	
02EC	00	0		DEG	N=(E+KBSTBIAS)*256/90	100.0	
*					TEMP	80.0 DEG C	
02ED	00	0		DEG	N=(E+KBSTBIAS)*256/90	0.0	KPA-BOOST
02EE	00	0		DEG	N=(E+KBSTBIAS)*256/90	12.5	
02EF	00	0		DEG	N=(E+KBSTBIAS)*256/90	25.0	
02F0	00	0		DEG	N=(E+KBSTBIAS)*256/90	37.5	
02F1	00	0		DEG	N=(E+KBSTBIAS)*256/90	50.0	
02F2	00	0		DEG	N=(E+KBSTBIAS)*256/90	62.5	
02F3	00	0		DEG	N=(E+KBSTBIAS)*256/90	75.0	
02F4	00	0		DEG	N=(E+KBSTBIAS)*256/90	87.5	
02F5	00	0		DEG	N=(E+KBSTBIAS)*256/90	100.0	
*					TEMP	HOT DEG C	
02F6	00	0		DEG	N=(E+KBSTBIAS)*256/90	0.0	KPA-BOOST
02F7	00	0		DEG	N=(E+KBSTBIAS)*256/90	12.5	
02F8	00	0		DEG	N=(E+KBSTBIAS)*256/90	25.0	
02F9	00	0		DEG	N=(E+KBSTBIAS)*256/90	37.5	
02FA	00	0		DEG	N=(E+KBSTBIAS)*256/90	50.0	
02FB	00	0		DEG	N=(E+KBSTBIAS)*256/90	62.5	
02FC	00	0		DEG	N=(E+KBSTBIAS)*256/90	75.0	
02FD	00	0		DEG	N=(E+KBSTBIAS)*256/90	87.5	
02FE	00	0		DEG	N=(E+KBSTBIAS)*256/90	100.0	
*							
02FF	00	0		DEG	N=(E+KEGRBIAS)*256/90	0	%-EGR
0300	00	0		DEG	N=(E+KEGRBIAS)*256/90	1.6	
0301	00	0		DEG	N=(E+KEGRBIAS)*256/90	3.2	
0302	00	0		DEG	N=(E+KEGRBIAS)*256/90	4.8	
0303	00	0		DEG	N=(E+KEGRBIAS)*256/90	6.4	
0304	00	0		DEG	N=(E+KEGRBIAS)*256/90	8.0	
0305	00	0		DEG	N=(E+KEGRBIAS)*256/90	9.6	
0306	00	0		DEG	N=(E+KEGRBIAS)*256/90	11.2	
0307	00	0		DEG	N=(E+KEGRBIAS)*256/90	12.8	
0308	00	0		DEG	N=(E+KEGRBIAS)*256/90	14.4	
0309	00	0		DEG	N=(E+KEGRBIAS)*256/90	16.0	
030A	00	0		DEG	N=(E+KEGRBIAS)*256/90	17.6	
030B	00	0		DEG	N=(E+KEGRBIAS)*256/90	19.2	
030C	00	0		DEG	N=(E+KEGRBIAS)*256/90	20.8	
030D	00	0		DEG	N=(E+KEGRBIAS)*256/90	22.4	
030E	00	0		DEG	N=(E+KEGRBIAS)*256/90	24.0	
030F	00	0		DEG	N=(E+KEGRBIAS)*256/90	25.6	
*							
0310	04	4		DEG	N=E	USE 5 VALUE TABLE	
0311	00	0		DEG	N=E*256/90	RPM-SPEED	
0312	00	0		DEG	N=E*256/90	0	
0313	00	0		DEG	N=E*256/90	1600	
0314	00	0		DEG	N=E*256/90	3200	
0315	00	0		DEG	N=E*256/90	4800	
*							

REL ADDR HEX	COMP DATA HEX	COMP DATA DEC	ENG. DATA DEC	ENG. UNITS	SYMBOL	CONVERSION EQUATION	DESCRIPTION
0316	00	0		DEG	F46	N=E*256/90	-40 DEG C-COOLTEMP
0317	00	0		DEG		N=E*256/90	-16
0318	00	0		DEG		N=E*256/90	8
0319	00	0		DEG		N=E*256/90	32
031A	00	0		DEG		N=E*256/90	56

031B	04	4			F6B	N=E	USE 5 VALUE TABLE
031C	00	0		DEG/MS		N=E/.0225	RPM-SPEED
031D	00	0		DEG/MS		N=E/.0225	1600
031E	00	0		DEG/MS		N=E/.0225	3200
031F	00	0		DEG/MS		N=E/.0225	4800
0320	00	0		DEG/MS		N=E/.0225	6400

0321	04	4			F7B	N=E	USE 5 VALUE TABLE
0322	00	0		%/SEC		N=E*256/500	0
0323	00	0		%/SEC		N=E*256/500	1600
0324	00	0		%/SEC		N=E*256/500	3200
0325	00	0		%/SEC		N=E*256/500	4800
0326	00	0		%/SEC		N=E*256/500	6400

REL ADDR HEX	COMP DATA HEX	COMP DATA DEC	ENG. DATA DEC	ENG. UNITS	SYMBOL	CONVERSION EQUATION	DESCRIPTION
0327	00	0		FACTOR	KRAFDM	N=E*256	CRANK-TO-RUN A/F BLEND DECAY MULTIPLIER
0328	00	0		GL/HR	KDISFS	N=E*32	SINGLE INJECTOR FLOW RATE IN GALLONS/HOUR
0329	00	0		RATIO	KCAFT1	N=E*10	INITIAL CRANK A/F DELTA
032A	00	0		SEC	KCFTM	N=E*5-1	CRANK A/F DECAY DELTA TIME
032B	00	0			KCFTM1	N=E	# OF REF PULSES BEFORE CRANK FUEL DECAY
032C	00	0			KCFTM2	N=E	# OF REF PULSES BETWEEN CRANK DECAY LOOPS
032D	00	0		%	KCAFDM	N=E*2.56	CRANK A/F TIME OUT DECAY MULTIPLIER
032E	00	0		% TPS	K3	IF(E.EQ.0)N=E IF(E.NE.0)N=6400/E	THROTTLE HIGH - THROTTLE LOW
032F	00	0		CTS	K4	N=E	INITIAL BASE THROTTLE POSITION IN A/D COUNTS
0330	00	0		COEF	KTAOFF	N=E*256	LOW THROTTLE POSITION FILTER COEFFICIENT, N.D.
0331	00	0		VOLTS	K02FFO	N=E*226	O2 FILTERS' INITIALIZATION VALUE, VOLTS * 226
0332	00	0		N	KAFOPT1	N=E	AIR FUEL OPTION FLAG WORD 1
0333	00	0		N	KAFOPT2	N=E	AIR FUEL OPTION FLAG WORD 2
0334	00	0		RPM	KAFOPT3	N=E	AIR FUEL OPTION FLAG WORD 3
0335	00	0		RPM	KSYNRPML	N=E/25	HI RPM HYST VALUE FOR SYNC MAP ENABLE
0336	00	0		RPM	KSYNRPML	N=E/25	LO RPM HYST VALUE FOR SYNC MAP ENABLE
0337	00	0		KPA	KAEPMDTA	N=E*3.2	AE DELTA MAP THRESHOLD FOR SYNC MAP ENABLE
0338	00	0		KPA	KAEPMDTA	N=E*3.2	AE DELTA MAP THRESHOLD FOR TRANS.FUEL MODE
0339	00	0		%	KAEPMTS	N=E	AE TPS THRESHOLD, NMAPLD UNITS
033A	00	0		%	TBL4_3	N=E	AE THROTTLE THRESHOLD FOR MAP CONTRIB.
033B	00	0		%	KAETATR	TBL4_3	AE THROTTLE THRESHOLD FOR MAP CONTRIB.
033C	00	0		MSEC	KAETATH	N=E*2.56	AE DELTA THROTTLE THRESHOLD, NTPSLD UNITS
033D	00	0		DEG C	KAEJSCN	N=E*16.384	AE IDLE AIR CONTROL CONTRIBUTION, MSEC*16.384
033E	00	0		DEG C	KTFFTT	N=(E+40)*256/192	TRANSIENT FUEL FILTER TEMP THRESHOLD (CLT)
033F	00	0		COEF	KTFFTM	TBL3, ADMAT1K	TRANSIENT FUEL FILTER TEMP THRESHOLD (MAT)
0340	00	0		COEF	KFILTTAC	N=E*256	COLD THROTTLE ANGLE FILTER COEFFICIENT, N.D.
0340	00	0		COEF	KFILTPMC	N=E*256	COLD MAN. PRESSURE FILTER COEFFICIENT, N.D.

REL ADDR HEX	COMP DATA HEX	COMP DATA DEC	ENG DATA DEC	ENG UNITS	SYMBOL	CONVERSION EQUATION	DESCRIPTION
0341	00	0	0	COEF	KFILTTAH	N=E*256	HOT THROTTLE ANGLE FILTER COEFFICIENT, N.D.
0342	00	0	0	COEF	KFILTPMH	N=E*256	HOT MAN. PRESSURE FILTER COEFFICIENT, N.D.
0343	00	0	0	COEF	KFIDETAC	N=E*256	COLD THROT ANGLE FILT COEF (DECEL ENLEAN)
0344	00	0	0	COEF	KFIDEPMC	N=E*256	COLD MAN. PRESS FILT COEF (DECEL ENLEAN)
0345	00	0	0	COEF	KFIDETAH	N=E*256	HOT THROT ANGLE FILT COEF (DECEL ENLEAN)
0346	00	0	0	COEF	KFIDEPMH	N=E*256	HOT MAN. PRESS FILT COEF (DECEL ENLEAN)
0347	00	0	0	DEG C	KADSUCT	N=(E+40)*256/192	START-UP COOLANT THRESHOLD, COOLDEG UNITS
0348	00	0	0	SEC	KT2A	N=E/2	COLD C/L TIMER VALUE, SEC/2
0349	00	0	0	SEC	KT1A	N=E/2	HOT C/L TIMER VALUE, SEC/2
034A	00	0	0	DEG C	KCLTC	N=(E+40)*256/192	TEMPERATURE THRESHOLD FOR C/L DETERMINATION
034B	00	0	0	DEG C	KO2ATIME	N=E*5	O2 SENSOR NOT READY TIMER LIMIT, SEC*5
034C	00	0	0	DEG C	KLCTCLL	N=(E+40)*256/192	LC STORE ENABLE LOW COOLANT LEVEL, COOLDEG UNITS
034D	00	0	0	RPM	KLCESTHU	N=E/25	LC STORE ENABLE ENGINE SPEED UPPER THRESHOLD
034E	00	0	0	SEC	KBLMCNT	N=E*20	FREQUENCY OF BLOCK LEARN UPDATE
034F	00	0	0	MULT	KBLMINS	N=E*128	LOWER LIMIT FOR INITIAL BLM'S
0350	00	0	0	MULT	KBLMAXS	N=E*128	UPPER LIMIT FOR INITIAL BLM'S
0351	00	0	0	UNITS	KLCITTH	N=E	C/L INTEGRATOR WINDOW VALUE
0352	00	0	0	RPM	KRPMOFFH	N=E/12.5	HIGH HYST VALUE FOR LOW RPM INT RESET
0353	00	0	0	RPM	KRPMOFFL	N=E/12.5	LOW HYST VALUE FOR LOW RPM INT RESET
0354	00	0	0	DEGC	KINTTCTH	N=(E+40)*256/192	LOW RPM RESET LOGIC COOLANT THRESHOLD
0355	00	0	0	VALUE	KBLMMAX	N=E*128	MAXIMUM ALLOWABLE BLM, VALUE*128
0356	00	0	0	VALUE	KBLMMIN	N=E*128	MINIMUM ALLOWABLE BLM, VALUE*128
0357	00	0	0	VOLTS	KCLOXTH	N=E*226	O2 SENSOR RICH-LEAN THRESHOLD, O2 A/D UNITS
0358	00	0	0	VOLTS	KO2AMAX	N=E*226	C/L TO O/L UPPER O2 THRESHOLD, O2 A/D UNITS
0359	00	0	0	VOLTS	KO2AMIN	N=E*226	C/L TO O/L LOWER O2 THRESHOLD, O2 A/D UNITS
035A	00	0	0	UNITS	KCLITMI	N=E	CLOSED LOOP MINIMUM INTEGRATOR VALUE
035B	00	0	0	UNITS	KCLITMX	N=E	CLOSED LOOP MAXIMUM INTEGRATOR VALUE
035C	00	0	0	KPA	KPROPVAC	TBL4,0	VACUUM THRESHOLD FOR PROPORTIONAL STEP SELECT
035D	00	0	0	UNITS	KCLPROP	N=E	LOW VACUUM PROPORTIONAL STEP
035E	00	0	0	SEC	KPCDUR	N=E*40	C/L PROPORTIONAL TERM DURATION
035F	00	0	0	%	KDETATH	N=E*2.56	DECEL ENLEANMENT DELTA THROT ANGLE THRES.
0360	00	0	0	KPA	KDEPMTH	N=E*3.2	DECEL ENLEANMENT DELTA PRESSURE THRESHOLD
0361	00	0	0	DEG C	KAFCTGH	N=(E+40)*256/192	AIR/FUEL COOLANT THRESHOLD, COOLDEG UNITS
0362	00	0	0	%	KAFCTFA	TBL4,3	CLEAR FLOOD THROTTLE LIMIT, NTPSLD UNITS
0363	00	0	0	RATIO	KAFCF	N=E*10	CLEAR FLOOD A/F RATIO, 10*(A/F RATIO)
0364	00	0	0	DEGC	KAFICLOW	N=(E+40)*256/192	HI THRESHOLD FOR A/F
0365	00	0	0	DEGC	KAFICHI	N=(E+40)*256/192	LOW THRESHOLD FOR A/F
0366	00	0	0	%	KMAXLEAN	N=E*10	MAX LEAN A/F
0367	00	0	0	%	KAFDM	N=E*2.56	A/F TIME OUT DECAY MULTIPLIER, PERCENT
0368	0000	0	0	MSEC	KAPLH	N=E*65.536	MIN BASE PULSE HYSTERESIS VALUE, MSEC*65.536
036A	0000	0	0	MSEC	KAPLL	N=E*65.536	MIN BASE PULSE, MSEC*65.536
036C	0000	0	0	MSEC	KAPMAX	N=E*65.536	MAX ASYNCHRONOUS PULSE, MSEC*65.536
036E	0000	0	0	MSEC	KAPMIN	N=E*65.536	MIN ASYNCHRONOUS PULSE, MSEC*65.536
0370	00	0	0	RPM	KDFCOSPH	N=E/25	DECEL FUEL CUT-OFF UPPER RPM LIMIT, NTRPMX UNITS
0371	00	0	0	RPM	KDFCOSPL	N=E/25	DECEL FUEL CUT-OFF LOWER RPM LIMIT, NTRPMX UNITS
0372	00	0	0	KPA	KDFCOMAP	N=E*2.71104-28.06	DECEL FUEL CUT-OFF MAP THRESHOLD, A/D COUNTS
0373	00	0	0	%	KDFCOG	N=E*2.56	DECEL FUEL CUT-OFF MULTIPLIER STEP VALUE, % * 2.56
0374	00	0	0	COEF	KFILLO2CT	N=E*256	O2 FILTER COEFFICIENT, 0-1. (CL THROT)

REL ADDR HEX	COMP DATA HEX	COMP DATA DEC	ENG. DATA DEC	ENG. UNITS	SYMBOL	CONVERSION EQUATION	DESCRIPTION
0375	00	0		COEF	KFILO20T	N=E*256	02 FILTER COEFFICIENT, 0-1. (OPEN THROT)
0376	00	0		SEC	KCNTRC	N=E*40-1	INT SLOW TRIM LOOP TIME, (CLOSED THROTTLE)
0377	00	0		SEC	KCNTR0	N=E*40-1	INT SLOW TRIM LOOP TIME, (OPEN THROTTLE)
0378	00	0		VOLTS	K02FILHC	N=E*226	02 THRESHOLD FOR SLOW TRIM (CLOSED THROT)
0379	00	0		VOLTS	K02FILLC	N=E*226	02 THRESHOLD FOR SLOW TRIM (CLOSED THROT)
037A	00	0		RPM	KLCRPM1	N=E/12.5	RPM THRESHOLD ABOVE WHICH LEARN IS DISABLD, CELL 1
037B	00	0		MPH	KDFCOSLK	N=E	SPEED BELOW WHICH DFCC IS DISABLED
037C	00	0		KPA	KPEMAP42	IF(LAND(KAFOPT3,\$20).NE.0)N=1.28 *E-10.24 IF(LAND(KAFOPT3,\$20).EQ.0)N=2.71	MAP THRESHOLD FOR PE WHEN MALF 42 EXISTS
037D	00	0		RPM	KPERPM42	N=E/25	RPM THRESHOLD FOR PE WHEN MALF 42 EXISTS
037E	00	0		RPM	KPERPM	N=E/25	POWER ENRICHMENT RPM THRESHOLD (LO MPH)
037F	00	0		RPM	KPERPM1	N=E/25	POWER ENRICHMENT RPM THRESHOLD (HI MPH)
0380	00	0		%	KTPSHYS	N=E*2.56	THROTTLE HYSTERESIS FOR POWER ENRICHMENT
0381	00	0		KPA	KPEMAPHY	IF(LAND(KAFOPT3,\$20).NE.0)N=1.28 *E	POWER ENRICHMENT MAP HYSTERESIS
0382	00	0		KPA	KPEMAP3	IF(LAND(KAFOPT3,\$20).EQ.0)N=2.71 *E	IF(LAND(KAFOPT3,\$20).NE.0)N=1.28 POWER ENRICHMENT THRESHOLD
0383	00	0		KPA	KLCVACO	TBL4,0	VAC LOD ABOVE WHICH BLK LEARN IS DISABLED, CELL 0
0384	00	0		KPA	KLCLDLO	TBL4,1	MAP LOD BELOW WHICH BLK LEARN IS DISABLED, CELL 0
0385	00	0		UNITS	KPWEGR	N=E	EGR ON PROPORTIONAL STEP
0386	00	0		UNITS	KPW0EGR	N=E	EGR OFF PROPORTIONAL STEP
0387	00	0		%	KPETPS	N=E*2.56	POWER ENRICHMENT TPS LOAD THRESHHOLD
0388	00	0		%	KDFCOTP	N=E*2.56	THROTTLE THRESHOLD FOR DECEL FUEL CUTOFF
0389	00	0		RPM	KQASRPMD	N=E/25	RPM ABOVE WHICH QUASI -ASYNCH FUEL NOT USED
038A	0000	0		RPM	KFRPLOW	IF(E.EQ.0)N=E IF(E.NE.0)N=65536*120/(E*KNUMCYL	HI RPM FUEL CUTOFF THRESHOLD LOW LIMIT
038C	0000	0		RPM	KFRPMHI	IF(E.EQ.0)N=0 IF(E.NE.0)N=65536*120/(E*KNUMCYL	HI RPM FUEL CUTOFF THRESHOLD HI LIMIT
038E	00	0		UNITS	KREFMAXL	N=E	NO. OF REF. PULSES THAT 2*BPW INJ. WILL
038F	00	0		UNITS	KREFMAXH	N=E	NO. OF REF. PULSES THAT 2*BPW INJ. WILL
0390	00	0		MPH	KQSYNMPH	N=E*3.2	QUASI-ASYNCH MPH THRESHOLD
0391	00	0		SEC	KFRPMTIM	N=E*80	HIGH RPM FUEL CUTOFF TIME THRESHOLD ENABLE
0392	00	0		RATIO	KAFSTCN	N=E*10	STOICH. AIR FUEL RATIO
0393	00	0		KPA	KPEMAP1	IF(LAND(KAFOPT3,\$20).NE.0)N=1.28 *E-10.24 IF(LAND(KAFOPT3,\$20).EQ.0)N=2.71	PRIMARY P.E. MAP THRESHOLD
0394	00	0		KPA	KPEMAP2	IF(LAND(KAFOPT3,\$20).NE.0)N=1.28 *E-10.24 IF(LAND(KAFOPT3,\$20).EQ.0)N=2.71	SECONDARY P.E. MAP THRESHOLD

REL ADDR HEX	COMP DATA HEX	COMP DATA DEC	ENG. DATA DEC	ENG. UNITS	SYMBOL	CONVERSION EQUATION	DESCRIPTION
0395	00	0		%	KPEATPS	$N = E * 2.56$	SECONDARY POWER ENRICHMENT TPS LOAD THRESHHOLD
0396	00	0	DEG C		KPETCTH	$N = (E + 40) * 256 / 192$	PE COOLANT THRESHOLD
0397	00	0	MPH		KPEMPH	N=E	THRESHOLD TO USE KPEPRM1 FOR P.E. MODE THRESH
0398	00	0	MPH		KPEHMPH	N=E	THRESHOLD TO CK TO CLEAR PEHMPHCT
0399	0000	0	SEC		KPEMPHTM	N=E*40	PE MPH TIME DELAY BEFORE DECREASING AFPE
039B	00	0	KPA		KPEMAP4	IF (LAND(KAFOPT3, \$20).NE.0)N=1.28 *E-10.24	PE THRESHOLD WHEN 'KPEHMPH' MPH FOR 'KPEMPHTM'
039C	00	0	RATIO		KPEAFDLT	IF (LAND(KAFOPT3, \$20).EQ.0)N=2.71 *E-28.05	PE AIRFUEL HIGH MPH DELTA
039D	00	0	RATIO		KAFPE	N=E*10	POWER ENRICHMENT AIR FUEL RATIO
039E	00	0	DEG C		KINTDLTC	$N = (E + 40) * 256 / 192$	THRESHOLD FOR USE WITH F25 TABLE & KINTDLTA
039F	00	0	SEC		KINTDLTA	N=E*40	DELTA THAT CAN BE ADDED TO F25 LOOKUP FOR INTDLY

REL ADDR HEX	COMP DATA HEX	COMP DATA DEC	ENG. DATA DEC	ENG. UNITS	SYMBOL	CONVERSION EQUATION	DESCRIPTION
03A0	00	0		MPH	KFMPHLOW	N=E	LOWER MPH LIMIT OF HYST PAIR FOR
03A1	00	0		MPH	KFMPHHI	N=E	UPPER MPH LIMIT OF HYST PAIR FOR
03A2	00	0		SEC	KWGMAPTM	N=E*80	HIGH LOAD FUEL SHUTOFF TIME THRESHOLD
03A3	00	0		KPA	KWGMAPH	N=1.28*E-10.24	MAP THRESHOLD ENABLING FUEL SHUTOFF MODE
03A4	00	0		KPA	KWGMAPL	N=1.28*E-10.24	MAP THRESHOLD DISABLING FUEL SHUTOFF MODE
03A5	00	0		DEG C	KGDCCTMPL	N=(E+40)*256/192	WASTEGATE LOW COOLANT THRESHOLD
03A6	00	0		DEG C	KGDCCTMPH	N=(E+40)*256/192	WASTEGATE HIGH COOLANT THRESHOLD
03A7	00	0		SEC	KGDCCTIM1	N=E*10	BOOST RED. DECREMENT TIME INTERVAL
03A8	00	0		SEC	KGDCCTIM2	N=E*10	BOOST RED. INCREMENT TIME INTERVAL
03A9	00	0		SEC	KGDCCTIM3	N=E*10	DELAY TIME TO START BOOST REDUCTION
03AA	00	0		SEC	KGDCCTIM4	N=E*10	BOOST REDUCTION RETARD. ENABLE THRESHOLD
03AB	00	0		DEG	KGEKCEA	N=E*256/45	BOOST RED. RETARD DISABLE THRESHOLD
03AC	00	0		DEG	KGEKCDIS	N=E*256/45	DESIRED BOOST PRESSURE REDUCTION DELTA
03AD	00	0		KPA	KBSTDLT1	N=E*1.28	DESIRED BOOST PRESSURE REDUCTION DELTA
03AE	00	0		KPA	KBSTDLT2	N=E*1.28	DESIRED BOOST PRESSURE REDUCTION DELTA
03AF	00	0		MPH	KWGMPHL	N=E*3.2	BRAKE TORQUE VEHICLE SPEED THRESHOLD
03B0	0000	0		SEC	KGDCCTIM6	N=E*10	BRAKE TORQUE TIME LIMIT
03B2	00	0		SEC	KGDCCTIM7	N=E*20	INHIBIT OVERBOOST TIME THRESHOLD
03B3	00	0		SEC	KGDCCTIM8	N=E*10	TIME THRESHOLD FOR WASTE GATE CLOSED LOOP
03B4	00	0		KPA	KCLBSTEH	N=E*1.28	CLOSED LOOP BOOST MODE THRESHOLD
03B5	00	0		KPA	KCLBSTEL	N=E*1.28	CLOSED LOOP BOOST MODE THRESHOLD
03B6	00	0		KPA	KBSTERDB	N=E*1.28	CLOSED LOOP BOOST MODE THRESHOLD
03B7	00	0		SEC	KDCTIM8N	N=E*10	BOOST ERROR DEADBAND
03B8	00	0		SEC	KDCTIM8P	N=E*10	CLOSED LOOP UPDATE RATE TIME, HIGH BOOST
03B9	00	0		%	KDCSTEN	N=E*2.56	CLOSED LOOP UPDATE RATE TIME, LOW BOOST
03BA	00	0		%	KDCSTEP	N=E*2.56	NEGATIVE C/L STEP ADJUSTMENT TO WASTEGATE D.C.
03BB	00	0		RPM	KWGRPMEN	N=E/25	POSITIVE C/L STEP ADJUSTMENT TO WASTEGATE D.C.
03BC	00	0		RPM	KWGDRPMP	N=E/25	THRESHOLD FOR CLOSED LOOP TURBO BOOST
03BD	00	0		RPM	KWGDRPMN	N=E/25	POSITIVE DELTA RPM THRESH TO STEP UP THE BOOST
03BE	00	0		%	KWGDTPS	N=E*2.56	NEGATIVE DELTA RPM THRESH TO STEP UP THE BOOST
03BE	00	0		%	KWGDGLOW	N=E*2.56	DELTA TPS THRESHOLD TO STEP UP THE BOOST STARTING BOOST LEVEL
03BF	30	48		N=E	F70B		
03C0	30	48		N=E			R MIN; R=NTRPMX
03C1	06	6		N=E			Q MIN; Q=NTPSLD
03C2	00	0		KPA			R NUM
03C3	00	0		KPA			37.5 %-THROTPOS
03C4	00	0		KPA			50.0
03C5	00	0		KPA			62.5
03C6	00	0		KPA			75.0
03C7	00	0		KPA			87.5
03C7	00	0		KPA			100.0
03C8	00	0		KPA			
03C9	00	0		KPA			
03CA	00	0		KPA			
03CB	00	0		KPA			
03CC	00	0		KPA			
03CD	00	0		KPA			
03CE	00	0		KPA			
03CF	00	0		KPA			
03D0	00	0		KPA			

2400 RPM
 3200 RPM
 4000 RPM

RI AD HEX	COMP DATA HEX	COMP DATA DEC	ENG. DATA DEC	ENG. UNITS	SYMBOL	CONVERSION	UNIT	DESCRIPTION
03D1	00	0		KPA	N=E*1.28			75.0
03D2	00	0		KPA	N=E*1.28			87.5
03D3	00	0		KPA	N=E*1.28			100.0
03D4	00	0		KPA	N=E*1.28		4800 RPM	%-THROTPOS
03D5	00	0		KPA	N=E*1.28			37.5
03D6	00	0		KPA	N=E*1.28			50.0
03D7	00	0		KPA	N=E*1.28			62.5
03D8	00	0		KPA	N=E*1.28			75.0
03D9	00	0		KPA	N=E*1.28			87.5
03DA	00	0		KPA	N=E*1.28		5600 RPM	100.0
03DB	00	0		KPA	N=E*1.28			37.5
03DC	00	0		KPA	N=E*1.28			50.0
03DD	00	0		KPA	N=E*1.28			62.5
03DE	00	0		KPA	N=E*1.28			75.0
03DF	00	0		KPA	N=E*1.28			87.5
03E0	00	0		KPA	N=E*1.28		6400 RPM	100.0
03E1	00	0		KPA	N=E*1.28			37.5
03E2	00	0		KPA	N=E*1.28			50.0
03E3	00	0		KPA	N=E*1.28			62.5
03E4	00	0		KPA	N=E*1.28			75.0
03E5	00	0		KPA	N=E*1.28			87.5
03E6	08	8			N=E			100.0
03E7	00	0		%	N=E*2.56			USE 9 VALUE TABLE
03E8	00	0		%	N=E*2.56			00.0
03E9	00	0		%	N=E*2.56			12.5
03EA	00	0		%	N=E*2.56			25.0
03EB	00	0		%	N=E*2.56			37.5
03EC	00	0		%	N=E*2.56			50.0
03ED	00	0		%	N=E*2.56			62.5
03EE	00	0		%	N=E*2.56			75.0
03EF	00	0		%	N=E*2.56			87.5
								100.0

USE 9 VALUE TABLE
%-THROTPOS

MY88 CPC 2 JL TURBO ECM CALIBRATION PARAMETER SUMMARY
 ***** DEVICE STARTING AT ADDRESS C000 *****

REL ADDR HEX	COMP DATA DEC	COMP DATA DEC	ENG. DATA DEC	ENG. UNITS	SYMBOL	CONVERSION EQUATION	DESCRIPTION
* 03F0	08	0	8		F23		USE 9 VALUE TABLE
03F1	00	0		SEC		N=E*40	KPA-MAP
03F2	00	0		SEC		N=E*40	20
03F3	00	0		SEC		N=E*40	30
03F4	00	0		SEC		N=E*40	40
03F5	00	0		SEC		N=E*40	50
03F6	00	0		SEC		N=E*40	60
03F7	00	0		SEC		N=E*40	70
03F8	00	0		SEC		N=E*40	80
03F9	00	0		SEC		N=E*40	90
* 03FA	08	8	8		F24		USE 9 VALUE TABLE
03FB	00	0		SEC		N=E*40	RPM-SPEED
03FC	00	0		SEC		N=E*40	0
03FD	00	0		SEC		N=E*40	400
03FE	00	0		SEC		N=E*40	800
0400	00	0		SEC		N=E*40	1200
0401	00	0		SEC		N=E*40	1600
0402	00	0		SEC		N=E*40	2000
0403	00	0		SEC		N=E*40	2400
* 0404	08	8	8		F25C		USE 9 VALUE TABLE
0405	00	0		SEC		N=E*40	RPM-SPEED
0406	00	0		SEC		N=E*40	0
0407	00	0		SEC		N=E*40	200
0408	00	0		SEC		N=E*40	400
0409	00	0		SEC		N=E*40	600
040A	00	0		SEC		N=E*40	800
040B	00	0		SEC		N=E*40	1000
040C	00	0		SEC		N=E*40	1200
040D	00	0		SEC		N=E*40	1400
* 040E	00	0	0		F28A		USE 9 VALUE TABLE
040F	00	0		CONST		N=E*1461.5	%-EGR
0410	00	0		CONST		N=E*1461.5	0
0411	00	0		CONST		N=E*1461.5	1.6
0412	00	0		CONST		N=E*1461.5	3.2
0413	00	0		CONST		N=E*1461.5	4.8
0414	00	0		CONST		N=E*1461.5	6.4
0415	00	0		CONST		N=E*1461.5	8.0
0416	00	0		CONST		N=E*1461.5	9.6
0417	00	0		CONST		N=E*1461.5	11.2
0418	00	0		CONST		N=E*1461.5	12.8
0419	00	0		CONST		N=E*1461.5	14.4
041A	00	0		CONST		N=E*1461.5	16.0
041B	00	0		CONST		N=E*1461.5	17.6
041C	00	0		CONST		N=E*1461.5	19.2
041D	00	0		CONST		N=E*1461.5	20.8
041E	00	0		CONST		N=E*1461.5	22.4
* 041F	20	32	32		F29C		USE 9 VALUE TABLE
041F	00	0		CONST		N=E	RPM (NTRPMX)

R MIN: R = RPM (NTRPMX)

MYF CPC 2.0L TURBO ECM CALIBRATION PARAMETER SUMMARY
 ***** DEVICE STARTING AT ADDRESS C000 *****

REL ADDR HEX	COMP DATA DEC	COMP DATA DEC	ENG. DATA DEC	ENG. UNITS	SYMBOL	CONVERSION EQUATION	DESCRIPTION
0420	00	0		N=E			
0421	09	9		N=E			

0422	00	0		%		800 RPM	KPA-MAP
0423	00	0		%			
0424	00	0		%			
0425	00	0		%			
0426	00	0		%			
0427	00	0		%			
0428	00	0		%			
0429	00	0		%			
042A	00	0		%			

042B	00	0		%		1200 RPM	KPA-MAP
042C	00	0		%			
042D	00	0		%			
042E	00	0		%			
0430	00	0		%			
0431	00	0		%			
0432	00	0		%			
0433	00	0		%			

0434	00	0		%		1600 RPM	KPA-MAP
0435	00	0		%			
0436	00	0		%			
0437	00	0		%			
0438	00	0		%			
0439	00	0		%			
043A	00	0		%			
043B	00	0		%			
043C	00	0		%			

043D	00	0		%		2000 RPM	KPA-MAP
043E	00	0		%			
043F	00	0		%			
0440	00	0		%			
0441	00	0		%			
0442	00	0		%			
0443	00	0		%			
0444	00	0		%			
0445	00	0		%			

0446	00	0		%		2400 RPM	KPA-MAP
0447	00	0		%			
0448	00	0		%			
0449	00	0		%			
044A	00	0		%			
044B	00	0		%			
044C	00	0		%			
044D	00	0		%			
044E	00	0		%			

044F	00	0		%		2800 RPM	KPA-MAP
0450	00	0		%			

Q MIN: Q = MAP (NMAPLD/2)
 R NUM

20
30
40
50
60
70
80
90
100

20
30
40
50
60
70
80
90
100

20
30
40
50
60
70
80
90
100

20
30
40
50
60
70
80
90
100

20
30
40
50
60
70
80
90
100

20
30

REL ADDR HEX	COMP DATA HEX	COMP DATA DEC	ENG. DATA DEC	ENG. UNITS	SYMBOL	CONVERSION EQUATION	DESCRIPTION
0451	00	0		%	N=E*2.56		40
0452	00	0		%	N=E*2.56		50
0453	00	0		%	N=E*2.56		60
0454	00	0		%	N=E*2.56		70
0455	00	0		%	N=E*2.56		80
0456	00	0		%	N=E*2.56		90
0457	00	0		%	N=E*2.56		100
*					SPEED	3200 RPM	
0458	00	0		%	N=E*2.56		20
0459	00	0		%	N=E*2.56		30
045A	00	0		%	N=E*2.56		40
045B	00	0		%	N=E*2.56		50
045C	00	0		%	N=E*2.56		60
045D	00	0		%	N=E*2.56		70
045E	00	0		%	N=E*2.56		80
045F	00	0		%	N=E*2.56		90
0460	00	0		%	N=E*2.56		100
*					SPEED	3600 RPM	
0461	00	0		%	N=E*2.56		20
0462	00	0		%	N=E*2.56		30
0463	00	0		%	N=E*2.56		40
0464	00	0		%	N=E*2.56		50
0465	00	0		%	N=E*2.56		60
0466	00	0		%	N=E*2.56		70
0467	00	0		%	N=E*2.56		80
0468	00	0		%	N=E*2.56		90
0469	00	0		%	N=E*2.56		100
*					SPEED	4000 RPM	
046A	00	0		%	N=E*2.56		20
046B	00	0		%	N=E*2.56		30
046C	00	0		%	N=E*2.56		40
046D	00	0		%	N=E*2.56		50
046E	00	0		%	N=E*2.56		60
046F	00	0		%	N=E*2.56		70
0470	00	0		%	N=E*2.56		80
0471	00	0		%	N=E*2.56		90
0472	00	0		%	N=E*2.56		100
*					F29S		
0473	30	48			N=E		R MIN: R = RPM (FTRPMT25)
0474	00	0			N=E		Q MIN: Q = MAP (NMAPLD/2)
0475	09	9			N=E		R NUM
*					SPEED	600 RPM	
0476	00	0		%	N=E*2.56		20
0477	00	0		%	N=E*2.56		30
0478	00	0		%	N=E*2.56		40
0479	00	0		%	N=E*2.56		50
047A	00	0		%	N=E*2.56		60
047B	00	0		%	N=E*2.56		70
047C	00	0		%	N=E*2.56		80
047D	00	0		%	N=E*2.56		90
047E	00	0		%	N=E*2.56		100
*					SPEED	800 RPM	
047F	00	0		%	N=E*2.56		20
0480	00	0		%	N=E*2.56		30
0481	00	0		%	N=E*2.56		40

MY88 CPC 2.0L TURBO ECM CALIBRATION PARAMETER SUMMARY
 ***** DEVICE STARTING AT ADDRESS C000 *****

REL ADDR HEX	COMP DATA HEX	COMP DATA DEC	ENG DATA DEC	ENG UNITS	SYMBOL	CONVERSION EQUATION	DESCRIPTION
04B3	00	0				N=E*2.56	2400
04B4	00	0				N=E*2.56	2800
04B5	00	0				N=E*2.56	3200
04B6	00	0				N=E*2.56	3600
04B7	00	0				N=E*2.56	4000
04B8	00	0				N=E*2.56	4400
04B9	00	0				N=E*2.56	4800
04BA	00	0				N=E*2.56	5200
04BB	00	0				N=E*2.56	5600
04BC	00	0				N=E*2.56	6000
04BD	00	0				N=E*2.56	6400
*							
04BE	10	16			F31C	N=E	17 VALUE TABLE
04BF	00	0		DEG K		IF(E.EQ.0)N=E	-40 DEG C-COOLTEMP
04C0	00	0		DEG K		IF(E.NE.0)N=50000/E	-28
04C1	00	0		DEG K		IF(E.EQ.0)N=E	-16
04C2	00	0		DEG K		IF(E.NE.0)N=50000/E	-4
04C3	00	0		DEG K		IF(E.EQ.0)N=E	8
04C4	00	0		DEG K		IF(E.NE.0)N=50000/E	20
04C5	00	0		DEG K		IF(E.EQ.0)N=E	32
04C6	00	0		DEG K		IF(E.NE.0)N=50000/E	44
04C7	00	0		DEG K		IF(E.EQ.0)N=E	56
04C8	00	0		DEG K		IF(E.NE.0)N=50000/E	68
04C9	00	0		DEG K		IF(E.EQ.0)N=E	80
04CA	00	0		DEG K		IF(E.NE.0)N=50000/E	92
04CB	00	0		DEG K		IF(E.EQ.0)N=E	104
04CC	00	0		DEG K		IF(E.NE.0)N=50000/E	116
04CD	00	0		DEG K		IF(E.EQ.0)N=E	128
04CE	00	0		DEG K		IF(E.NE.0)N=50000/E	140
04CF	00	0		DEG K		IF(E.EQ.0)N=E	152
*							
04D0	10	16			F31M	N=E	17 VALUE TABLE
04D1	00	0		DEG K		IF(E.EQ.0)N=E	HOT DEG C-MATTEMP
						IF(E.NE.0)N=50000/E	

PC 2.0L TURBO ECM CALIBRATION PARAMETER SUMMARY
 ***** DEVICE STARTING AT ADDRESS C000 *****

DESCRIPTION

CONVERSION EQUATION

SYMBOL

ENG. DATA
DEC

REL ADDR
HEX

REL ADDR HEX	COMP DATA HEX	COMP DATA DEC	ENG. DATA DEC	ENG. UNITS	SYMBOL	CONVERSION EQUATION	DESCRIPTION
04D2	00	0		DEG K		IF(E.EQ.0)N=E	136
04D3	00	0		DEG K		IF(E.NE.0)N=50000/E	107
04D4	00	0		DEG K		IF(E.EQ.0)N=E	91
04D5	00	0		DEG K		IF(E.NE.0)N=50000/E	80
04D6	00	0		DEG K		IF(E.EQ.0)N=E	71
04D7	00	0		DEG K		IF(E.NE.0)N=50000/E	63
04D8	00	0		DEG K		IF(E.EQ.0)N=E	56
04D9	00	0		DEG K		IF(E.NE.0)N=50000/E	49.3
04DA	00	0		DEG K		IF(E.EQ.0)N=E	43.3
04DB	00	0		DEG K		IF(E.NE.0)N=50000/E	37
04DC	00	0		DEG K		IF(E.EQ.0)N=E	30.5
04DD	00	0		DEG K		IF(E.NE.0)N=50000/E	23.5
04DE	00	0		DEG K		IF(E.EQ.0)N=E	15.5
04DF	00	0		DEG K		IF(E.NE.0)N=50000/E	6
04E0	00	0		DEG K		IF(E.EQ.0)N=E	-8.5
04E1	00	0		DEG K		IF(E.NE.0)N=50000/E	COLD

04E2	00	0		FACTOR	F33C	N=E*128	VOLTS-BATTERY
04E3	00	0		FACTOR		N=E*128	4.8
04E4	00	0		FACTOR		N=E*128	6.4
04E5	00	0		FACTOR		N=E*128	8.0
04E6	00	0		FACTOR		N=E*128	9.6

04E7	00	0		FACTOR	F34B	N=E*32	-28
04E8	00	0		FACTOR		N=E*32	-16
04E9	00	0		FACTOR		N=E*32	-4
04EA	00	0		FACTOR		N=E*32	8
04EB	00	0		FACTOR		N=E*32	20
04EC	00	0		FACTOR		N=E*32	32
04ED	00	0		FACTOR		N=E*32	44
04EE	00	0		FACTOR		N=E*32	56
04EF	00	0		FACTOR		N=E*32	68
04F0	00	0		FACTOR		N=E*32	80
04F1	00	0		FACTOR		N=E*32	92
04F2	00	0		FACTOR		N=E*32	104

MY88 CGP L TURBO ECM CALIBRATION PARAMETER SUMMARY
***** DEVICE STARTING AT ADDRESS C000 *****

DESCRIPTION

REL COMP ADDR DATA HEX COMP DATA DEC ENG. DATA DEC ENG. UNITS SYMBOL CONVERSION EQUATION

REL ADDR HEX	COMP DATA DEC	ENG. DATA DEC	ENG. UNITS	SYMBOL	CONVERSION EQUATION
04F3	00	0	FACTOR		N=E*32
04F4	04	4		F35B	N=E
04F5	00	0	%		N=E*2.56
04F6	00	0	%		N=E*2.56
04F7	00	0	%		N=E*2.56
04F8	00	0	%		N=E*2.56
04F9	00	0	%		N=E*2.56
04FA	04	4		F36A	N=E
04FB	00	0	%		N=E*2.56
04FC	00	0	%		N=E*2.56
04FD	00	0	%		N=E*2.56
04FE	00	0	%		N=E*2.56
04FF	00	0	%		N=E*2.56
0500	00	0		F39	N=E
0501	08	8	FACTOR		N=E
0502	00	0	FACTOR		N=E*128
0503	00	0	FACTOR		N=E*128
0504	00	0	FACTOR		N=E*128
0505	00	0	FACTOR		N=E*128
0506	00	0	FACTOR		N=E*128
0507	00	0	FACTOR		N=E*128
0508	00	0	FACTOR		N=E*128
0509	00	0	FACTOR		N=E*128
050A	00	0	FACTOR		N=E*128
050B	04	4		F21A	N=E
050C	00	0	MSEC		N=E*16.384
050D	00	0	MSEC		N=E*16.384
050E	00	0	MSEC		N=E*16.384
050F	00	0	MSEC		N=E*16.384
0510	00	0	MSEC		N=E*16.384
0511	04	4		F22A	N=E
0512	00	0	MSEC		N=E*16.384
0513	00	0	MSEC		N=E*16.384
0514	00	0	MSEC		N=E*16.384
0515	00	0	MSEC		N=E*16.384
0516	00	0	MSEC		N=E*16.384
0517	00	0	FACTOR	F37B	N=E*32
0518	00	0	FACTOR		N=E*32
0519	00	0	FACTOR		N=E*32
051A	00	0	FACTOR		N=E*32
051B	00	0	FACTOR		N=E*32
051C	00	0	FACTOR		N=E*32
051D	00	0	FACTOR		N=E*32
051E	00	0	FACTOR		N=E*32
0520	00	0	FACTOR		N=E*32
0521	00	0	FACTOR		N=E*32
0522	00	0	FACTOR		N=E*32
0523	00	0	FACTOR		N=E*32

116

USE 5 VALUE TABLE
KPA-MAP
0
10
20
30
40

USE 5 VALUE TABLE
%-4*DT
00.00
06.25
12.50
18.75
25.00

LOAD SELECTOR (01 = NMAPLD,
KPA-VAC
80
70
60
50
40
30
20
10
0

100 100.0

USE 5 VALUE TABLE
KPA-MAP
0
10
20
30
40

USE 5 VALUE TABLE
%-4*DT
00.00
06.25
12.50
18.75
25.00

-28 DEG C-COOLTEMP
-16
-4
8
20
32
44
56
68
80
92
104
116

CPC 2.0L TURBO ECM CALIBRATION PARAMETER SUMMARY
 ***** DEVICE STARTING AT ADDRESS C000 *****

REL. ADDR HEX	COMP DATA HEX	COMP DATA DEC	ENG. DATA DEC	ENG. UNITS	SYMBOL	CONVERSION EQUATION	DESCRIPTION
0524	00	0		FACTOR	F38	N=E*128	RPM-SPEED
0525	00	0		FACTOR		N=E*128	400
0526	00	0		FACTOR		N=E*128	800
0527	00	0		FACTOR		N=E*128	1200
0528	00	0		FACTOR		N=E*128	1600
0529	00	0		FACTOR		N=E*128	2000
052A	00	0		FACTOR		N=E*128	2400
052B	00	0		FACTOR		N=E*128	2800
052C	00	0		FACTOR		N=E*128	3200
052D	00	0		DEG C	F50	N=E*256/192	DEG C-COOLTEMP
052E	00	0		DEG C		N=E*256/192	-40
052F	00	0		DEG C		N=E*256/192	-28
0530	00	0		DEG C		N=E*256/192	-16
0531	00	0		DEG C		N=E*256/192	-4
0532	00	0		DEG C		N=E*256/192	8
0533	00	0		DEG C		N=E*256/192	20
0534	00	0		DEG C		N=E*256/192	32
0535	00	0		DEG C		N=E*256/192	44
0536	00	0		DEG C		N=E*256/192	56
0537	00	0		DEG C		N=E*256/192	68
0538	00	0		DEG C		N=E*256/192	80
0539	00	0		RATIO	F51C	N=E*10	DEG C-COOLTEMP
053A	00	0		RATIO		N=E*10	-28
053B	00	0		RATIO		N=E*10	-16
053C	00	0		RATIO		N=E*10	-4
053D	00	0		RATIO		N=E*10	8
053E	00	0		RATIO		N=E*10	20
053F	00	0		RATIO		N=E*10	32
0540	00	0		RATIO		N=E*10	44
0541	00	0		RATIO		N=E*10	56
0542	00	0		RATIO		N=E*10	68
0543	00	0		RATIO		N=E*10	80
0544	00	0		SEC	F52C	N=E*5-1	DEG C-COOLTEMP
0545	00	0		SEC		N=E*5-1	-28
0546	00	0		SEC		N=E*5-1	-16
0547	00	0		SEC		N=E*5-1	-4
0548	00	0		SEC		N=E*5-1	8
0549	00	0		SEC		N=E*5-1	20
054A	00	0		SEC		N=E*5-1	32
054B	00	0		SEC		N=E*5-1	44
054C	00	0		SEC		N=E*5-1	56
054D	00	0		SEC		N=E*5-1	68
054E	00	0		SEC		N=E*5-1	80
054F	00	0		SEC		N=E*5-1	92
0550	00	0		SEC		N=E*5-1	104
0551	00	0		SEC		N=E*5-1	116
0552	00	0		RATIO	F54A	N=E*10	DEG C-COOLTEMP
0553	00	0		RATIO		N=E*10	-40
0554	00	0		RATIO		N=E*10	-28
0555	00	0		RATIO		N=E*10	-16
0556	00	0		RATIO		N=E*10	-4

MV CPC 2.0L TURBO ECM CALIBRATION PARAMETER SUMMARY
 ***** DEVICE STARTING AT ADDRESS C000 *****

REL. ADDR HEX	COMP DATA HEX	COMP DATA DEC	ENG. DATA DEC	ENG. UNITS	SYMBOL	CONVERSION RELATION	DESCRIPTION
0586	00	0	RATIO	RATIO	N=E*10		30 60
0587	00	0	RATIO	RATIO	N=E*10		40 70
0588	00	0	RATIO	RATIO	N=E*10		50 80
0589	00	0	RATIO	RATIO	N=E*10		60 90
058A	00	0	RATIO	RATIO	N=E*10		70 100
058B	00	0	RATIO	RATIO	N=E*10		80 110
058C	00	0	RATIO	RATIO	N=E*10		90 120
058D	00	0	RATIO	RATIO	N=E*10		100 130
*					COOLTEMP	20 DEG C	20 50 MAP 1A-MAP 2A
058E	00	0	RATIO	RATIO	N=E*10		30 60
058F	00	0	RATIO	RATIO	N=E*10		40 70
0590	00	0	RATIO	RATIO	N=E*10		50 80
0591	00	0	RATIO	RATIO	N=E*10		60 90
0592	00	0	RATIO	RATIO	N=E*10		70 100
0593	00	0	RATIO	RATIO	N=E*10		80 110
0594	00	0	RATIO	RATIO	N=E*10		90 120
0595	00	0	RATIO	RATIO	N=E*10		100 130
0596	00	0	RATIO	RATIO	N=E*10		
*					COOLTEMP	32 DEG C	20 50 MAP 1A-MAP 2A
0597	00	0	RATIO	RATIO	N=E*10		30 60
0598	00	0	RATIO	RATIO	N=E*10		40 70
0599	00	0	RATIO	RATIO	N=E*10		50 80
059A	00	0	RATIO	RATIO	N=E*10		60 90
059B	00	0	RATIO	RATIO	N=E*10		70 100
059C	00	0	RATIO	RATIO	N=E*10		80 110
059D	00	0	RATIO	RATIO	N=E*10		90 120
059E	00	0	RATIO	RATIO	N=E*10		100 130
059F	00	0	RATIO	RATIO	N=E*10		
*					COOLTEMP	44 DEG C	20 50 MAP 1A-MAP 2A
05A0	00	0	RATIO	RATIO	N=E*10		30 60
05A1	00	0	RATIO	RATIO	N=E*10		40 70
05A2	00	0	RATIO	RATIO	N=E*10		50 80
05A3	00	0	RATIO	RATIO	N=E*10		60 90
05A4	00	0	RATIO	RATIO	N=E*10		70 100
05A5	00	0	RATIO	RATIO	N=E*10		80 110
05A6	00	0	RATIO	RATIO	N=E*10		90 120
05A7	00	0	RATIO	RATIO	N=E*10		100 130
05A8	00	0	RATIO	RATIO	N=E*10		
*					COOLTEMP	56 DEG C	20 50 MAP 1A-MAP 2A
05A9	00	0	RATIO	RATIO	N=E*10		30 60
05AA	00	0	RATIO	RATIO	N=E*10		40 70
05AB	00	0	RATIO	RATIO	N=E*10		50 80
05AC	00	0	RATIO	RATIO	N=E*10		60 90
05AD	00	0	RATIO	RATIO	N=E*10		70 100
05AE	00	0	RATIO	RATIO	N=E*10		80 110
05AF	00	0	RATIO	RATIO	N=E*10		90 120
05B0	00	0	RATIO	RATIO	N=E*10		100 130
05B1	00	0	RATIO	RATIO	N=E*10		
*					COOLTEMP	68 DEG C	20 50 MAP 1A-MAP 2A
05B2	00	0	RATIO	RATIO	N=E*10		30 60
05B3	00	0	RATIO	RATIO	N=E*10		40 70
05B4	00	0	RATIO	RATIO	N=E*10		50 80
05B5	00	0	RATIO	RATIO	N=E*10		60 90
05B6	00	0	RATIO	RATIO	N=E*10		

DESCRIPTION

CONVERSION EQUATION

REL ADDR HEX COMP DATA HEX COMP DATA DEC ENG. DATA DEC SYMBOL UNITS

REL ADDR HEX	COMP DATA HEX	COMP DATA DEC	ENG. DATA DEC	SYMBOL	UNITS	CONVERSION EQUATION	DESCRIPTION
05B7	00	0			RATIO	N=E*10	70 100
05B8	00	0			RATIO	N=E*10	80 110
05B9	00	0			RATIO	N=E*10	90 120
05BA	00	0			RATIO	N=E*10	100 130
*							
05BB	00	0		F57	RATIO	N=E*10	-40 DEG C-COOLTEMP
05BC	00	0			RATIO	N=E*10	-28
05BD	00	0			RATIO	N=E*10	-16
05BE	00	0			RATIO	N=E*10	-4
05BF	00	0			RATIO	N=E*10	8
05C0	00	0			RATIO	N=E*10	20
05C1	00	0			RATIO	N=E*10	32
05C2	00	0			RATIO	N=E*10	44
05C3	00	0			RATIO	N=E*10	56
05C4	00	0			RATIO	N=E*10	68
*							
05C5	60	96		F60		N=E	
05C6	00	0				N=E	
05C7	09	9				N=E	
*							
05C8	00	0			FACTOR	N=E*128	20 KPA-MAP
05C9	00	0			FACTOR	N=E*128	30
05CA	00	0			FACTOR	N=E*128	40
05CB	00	0			FACTOR	N=E*128	50
05CC	00	0			FACTOR	N=E*128	60
05CD	00	0			FACTOR	N=E*128	70
05CE	00	0			FACTOR	N=E*128	80
05CF	00	0			FACTOR	N=E*128	90
05D0	00	0			FACTOR	N=E*128	100
*							
05D1	00	0			FACTOR	N=E*128	20 KPA-MAP
05D2	00	0			FACTOR	N=E*128	30
05D3	00	0			FACTOR	N=E*128	40
05D4	00	0			FACTOR	N=E*128	50
05D5	00	0			FACTOR	N=E*128	60
05D6	00	0			FACTOR	N=E*128	70
05D7	00	0			FACTOR	N=E*128	80
05D8	00	0			FACTOR	N=E*128	90
05D9	00	0			FACTOR	N=E*128	100
*							
05DA	00	0			FACTOR	N=E*128	20 KPA-MAP
05DB	00	0			FACTOR	N=E*128	30
05DC	00	0			FACTOR	N=E*128	40
05DD	00	0			FACTOR	N=E*128	50
05DE	00	0			FACTOR	N=E*128	60
05DF	00	0			FACTOR	N=E*128	70
05E0	00	0			FACTOR	N=E*128	80
05E1	00	0			FACTOR	N=E*128	90
05E2	00	0			FACTOR	N=E*128	100
*							
05E3	00	0			FACTOR	N=E*128	20 KPA-MAP
05E4	00	0			FACTOR	N=E*128	30
05E5	00	0			FACTOR	N=E*128	40
05E6	00	0			FACTOR	N=E*128	50
05E7	00	0			FACTOR	N=E*128	60

R MIN: R = BARO (NBARO)
 Q MIN: Q = MAP (NMAPLD)
 R NUM (NUMBER OF COLUMNS)

KPA-MAP

KPA-MAP

KPA-MAP

KPA-MAP

75 KPA

85 KPA

95 KPA

105 KPA

CPC 2.0L TURBO ECM CALIBRATION PARAMETER SUMMARY
 ***** DEVICE STARTING AT ADDRESS C000 *****

REL ADDR HEX	COMP DATA HEX	COMP DATA DEC	ENG. DATA DEC	ENG. UNITS	SYMBOL	CONVERSION EQUATION	DESCRIPTION
05E8	00	0		FACTOR		N=E*128	70
05E9	00	0		FACTOR		N=E*128	80
05EA	00	0		FACTOR		N=E*128	90
05EB	00	0		FACTOR		N=E*128	100
* 05EC	08	8			F61	N=E	USE 9 VALUE TABLE
05ED	00	0		RATIO		N=E*10	RPM-SPEED
05EE	00	0		RATIO		N=E*10	800
05EF	00	0		RATIO		N=E*10	1600
05F0	00	0		RATIO		N=E*10	2400
05F1	00	0		RATIO		N=E*10	3200
05F2	00	0		RATIO		N=E*10	4000
05F3	00	0		RATIO		N=E*10	4800
05F4	00	0		RATIO		N=E*10	5600
05F5	00	0		RATIO		N=E*10	6400
* 05F6	00	0		%	F63	N=E*2.56	75 KPA-BARO
05F7	00	0		%		N=E*2.56	85
05F8	00	0		%		N=E*2.56	95
05F9	00	0		%		N=E*2.56	105
* 05FA	00	0		SEC	F64	N=E*40	*****
05FB	00	0		SEC		N=E*40	F64 TABLE
05FC	00	0		SEC		N=E*40	CRANK-TO-RUN A/F DECAY DELAY VS. COOLDEGB
05FD	00	0		SEC		N=E*40	*****
05FE	00	0		SEC		N=E*40	*****
05FF	00	0		SEC		N=E*40	*****
* 0600	00	0		SEC		N=E*40	*****
0601	04	4			F67	N=E	USE 5 VALUE TABLE
0602	00	0		VOLTS		N=E*226	KPA-MAP
0603	00	0		VOLTS		N=E*226	20
0604	00	0		VOLTS		N=E*226	40
0605	00	0		VOLTS		N=E*226	60
0606	00	0		VOLTS		N=E*226	80
* 0607	04	4			F68	N=E	USE 5 VALUE TABLE
0608	00	0		VOLTS		N=E*226	KPA-MAP
0609	00	0		VOLTS		N=E*226	20
060A	00	0		VOLTS		N=E*226	40
060B	00	0		VOLTS		N=E*226	60
060C	00	0		VOLTS		N=E*226	80
* 060D	00	0			F77A	N=E*128	USE 5 VALUE TABLE
060E	00	0		FACTOR		N=E*128	KPA-MAP
060F	00	0		FACTOR		N=E*128	90
0610	00	0		FACTOR		N=E*128	100
0611	00	0		FACTOR		N=E*128	110
0612	00	0		FACTOR		N=E*128	120
0613	00	0		FACTOR		N=E*128	130
0614	00	0		FACTOR		N=E*128	140
							150
							160

 * F64 TABLE
 * CRANK-TO-RUN A/F DECAY DELAY VS. COOLDEGB *

-28 DEG C-COOLTEMP
 -4
 20
 44
 68
 92
 116

USE 5 VALUE TABLE
 KPA-MAP
 20
 40
 60
 80
 100

USE 5 VALUE TABLE
 KPA-MAP
 20
 40
 60
 80
 100

USE 5 VALUE TABLE
 KPA-MAP
 90
 100
 110
 120
 130
 140
 150
 160

DESCRIPTION

CONVERSION EQUATION

REL ADDR HEX COMP DATA DEC

ENG. DATA DEC

ENG. UNITS

SYMBOL

REL ADDR HEX

REL ADDR HEX	COMP DATA DEC	ENG. DATA DEC	ENG. UNITS	SYMBOL	CONVERSION EQUATION	DESCRIPTION
0615	00	0	FACTOR		N=E*128	170
0616	00	0	FACTOR		N=E*128	180
0617	00	0	FACTOR		N=E*128	190
*						
0618	10	16		F92	N=E	USE 17 VALUE TABLE
0619	00	0	MSEC		N=E*32.768	VOLTS-BATTERY
061A	00	0	MSEC		N=E*32.768	0.0
061B	00	0	MSEC		N=E*32.768	1.6
061C	00	0	MSEC		N=E*32.768	3.2
061D	00	0	MSEC		N=E*32.768	4.8
061E	00	0	MSEC		N=E*32.768	6.4
061F	00	0	MSEC		N=E*32.768	8.0
0620	00	0	MSEC		N=E*32.768	9.6
0621	00	0	MSEC		N=E*32.768	11.2
0622	00	0	MSEC		N=E*32.768	12.8
0623	00	0	MSEC		N=E*32.768	14.4
0624	00	0	MSEC		N=E*32.768	16.0
0625	00	0	MSEC		N=E*32.768	17.6
0626	00	0	MSEC		N=E*32.768	19.2
0627	00	0	MSEC		N=E*32.768	20.8
0628	00	0	MSEC		N=E*32.768	22.4
0629	00	0	MSEC		N=E*32.768	24.0
*						25.5
062A	00	0	MSEC	F94	N=E*65.536	0.488
062B	00	0	MSEC		N=E*65.536	0.732
062C	00	0	MSEC		N=E*65.536	0.977
062D	00	0	MSEC		N=E*65.536	1.221
062E	00	0	MSEC		N=E*65.536	1.465
062F	00	0	MSEC		N=E*65.536	1.709
0630	00	0	MSEC		N=E*65.536	1.953
0631	00	0	MSEC		N=E*65.536	2.197
0632	00	0	MSEC		N=E*65.536	2.441
0633	00	0	MSEC		N=E*65.536	2.686
0634	00	0	MSEC		N=E*65.536	2.930
0635	00	0	MSEC		N=E*65.536	3.174
0636	00	0	MSEC		N=E*65.536	3.418
0637	00	0	MSEC		N=E*65.536	3.662
0638	00	0	MSEC		N=E*65.536	3.906

MSEC-BPW

REL ADDR HEX	COMP DATA HEX	COMP DATA DEC	ENG. DATA DEC	ENG. UNITS	SYMBOL	CONVERSION EQUATION	DESCRIPTION
0639	00	0			KISMLTR1	N=E	CLOSED LOOP GAINWORD, SMALL ERROR RETRACT, DRIVE
063A	00	0			KISMLTR2	N=E	CLOSED LOOP GAINWORD, LARGE ERROR RETRACT, DRIVE
063B	00	0			KISMLTE1	N=E	CLOSED LOOP GAINWORD, SMALL ERROR EXTEND, DRIVE
063C	00	0			KISMLTE2	N=E	CLOSED LOOP GAINWORD, LARGE ERROR EXTEND, DRIVE
063D	00	0			KISMPNR1	N=E	CLOSED LOOP GAINWORD, SMALL ERROR RETRACT, P/N
063E	00	0			KISMPNR2	N=E	CLOSED LOOP GAINWORD, LARGE ERROR RETRACT, P/N
063F	00	0			KISMPNE1	N=E	CLOSED LOOP GAINWORD, SMALL ERROR EXTEND, P/N
0640	00	0			KISMPNE2	N=E	CLOSED LOOP GAINWORD, LARGE ERROR EXTEND, P/N
0641	00	0			KISTCBNL	N=E*2.56	TPS DELTA FOR ENTERING THROTTLE CRACKER
0642	00	0			KISTCBNH	N=E*2.56	INITIAL P.S. STALL IAC PULSES
0643	00	0			KISALPC	N=E	INITIAL DELTA STEP FOR A/C BASE, DRIVE
0644	00	0			KACDLD	N=E	INITIAL NV RAM FAIL DELTA FOR A/C ON
0645	00	0			KIACACDL	N=E	PARK DELTA FROM KISSWNA
0646	00	0			KISPKDL	N=E	RPM FOR POWER STEERING STALL
0647	00	0			KISPSSA1	N=E/12.5	RPM TO EXIT POWER STEERING STALL
0648	00	0			KISPSSB1	N=E/12.5	MINIMUM THROTTLE POSITION FOR IDLE
0649	00	0			KISTPSI	N=E*2.56	ERROR BREAKPOINT FOR SELECTING LARGER GAINWORD
064A	00	0			KISERRR	N=E/12.5	DRIVE DEAD BAND
064B	00	0			KISERDB1	N=E/12.5	PARK/NEUTRAL DEAD BAND
064C	00	0			KISERDB2	N=E/12.5	INITIAL VALUE MOTOR POSITION NO A/C
064D	00	0			KISSWNA	N=E	BATTERY VOLTAGE LIMIT
064E	00	0			KISSPVT2	N=E*10	THROTTLE CRACK OFFSET MPH THRESHOLD
064F	00	0			KISTCMPH	N=E*3.2	THROTTLE CRACKER OFFSET
0650	00	0			KISTALPA	N=E	THROTTLE CRACKER OFFSET
0651	00	0			KISTALPB	N=E	THROTTLE CRACKER OFFSET
0652	00	0			KISTCDTA	N=E	THROTTLE CRACKER OFFSET DECAY
0653	00	0			KISTCDB	N=E	THROTTLE CRACKER OFFSET DECAY
0654	00	0			KIACMPH	N=E	IAC MOTOR RESET VEHICLE SPEED THRESHOLD
0655	00	0			KISDWADM	N=E/12.5	DESIRED RPM INCREASE FOR A/C ON
0656	00	0			KPSTCDT	N=E	P/S CRACK DECAY
0657	00	0			KVSIIDLE	N=E*3.2	THRESHOLD FOR DETERMINING IDLE FOR C/L INT. RESET
0658	00	0			KPSLDDSS1	N=E	P/S LOAD CRACK MODE DECAY DELTA
0659	00	0			KPSLDCLC	N=E*5-1	DECAY RATE FOR P/S LOAD CRACK RECOVERY
065A	00	0			KPSTCLC	N=E*5-1	POWER STEERING CRACK DELAY TIME
065B	00	0			KICKTPS	N=E*2.56	THROTTLE CHANGE THRESHOLD TO ENABLE IAC KICKDOWN
065C	00	0			KICKTM	N=E	TIME THRESHOLD TO ENABLE IAC KICKDOWN
065D	00	0			KICKDTA	N=E	KICKDOWN ADJUSTMENT TO DESIRED MOTOR POSITION
065E	00	0			KETCDLTA	N=E	EXTENDED THROTTLE CRACKER ADJUSTMENT
065F	00	0			KPKRDEL	N=E*5	IAC CLOSED LOOP DELAY FOR PK/DRIVE TRANSITION
0660	00	0			KISTDEL	N=E*5-1	INITIAL IAC STALL SAVER CRACKER TIME DELAY
0661	00	0			KETCDLTB	N=E	ETC DELTA FOR IGNITION OFF
0662	00	0			KACTRANS	N=E*5	IAC C/L DELAY FOR A/C CHANGE
0663	00	0			KASAGSTEP	N=E	IAC RPM SAG MOTOR POSITION OFFSET
0664	00	0			KSGTCLC	N=E*5-1	SAG MODE DECAY REP RATE
0665	00	0			KSGTCDT	N=E	SAG MODE DECAY DELTA
0666	00	0			KIACACTINH	N=(E+H0)*256/192	TEMP ABOVE WHICH COOLANT RAMP IS DISABLED

***** IDLE SPEED STABILIZER PARAMETERS *

DESCRIPTION

CONVERSION EQUATION

REL COMP COMP ENG. ENG. DATA DATA
 ADDR DATA DATA DEC DEC
 HEX HEX DEC DEC

 LAG FILTER COEFFICIENT FOR ISSPKF, N.D. (0-1)
 DELAY AFTER IAC DEADBAND BEFORE ISS SPARK COMP.
 MIN COOLTEMP FOR ISS LOGIC TO FUNCTION

0667 00 0 COEF KISSPKF N=E*256
 0668 00 0 SEC KISPSTMR N=E*80
 0669 00 0 DEG C KISPTMP N=(E+40)*256/192
 *

 -40 DEG C-TEMP
 -28
 -16
 -4
 8
 20
 32
 44
 56
 68
 80
 92
 104
 116
 128
 140
 152

066A 00 0 STEPS F10A N=E
 066B 00 0 STEPS N=E
 066C 00 0 STEPS N=E
 066D 00 0 STEPS N=E
 066E 00 0 STEPS N=E
 066F 00 0 STEPS N=E
 0670 00 0 STEPS N=E
 0671 00 0 STEPS N=E
 0672 00 0 STEPS N=E
 0673 00 0 STEPS N=E
 0674 00 0 STEPS N=E
 0675 00 0 STEPS N=E
 0676 00 0 STEPS N=E
 0677 00 0 STEPS N=E
 0678 00 0 STEPS N=E
 0679 00 0 STEPS N=E
 067A 00 0 STEPS N=E
 *

 75 KPA-BARO
 85
 95
 105

067B 00 0 STEPS F12 N=E
 067C 00 0 STEPS N=E
 067D 00 0 STEPS N=E
 067E 00 0 STEPS N=E
 *

 8.0 VOLTS-BATTERY
 9.6
 11.2
 12.8
 14.4

067F 00 0 RPM F13D N=E/12.5
 0680 00 0 RPM N=E/12.5
 0681 00 0 RPM N=E/12.5
 0682 00 0 RPM N=E/12.5
 0683 00 0 RPM N=E/12.5
 *

 -40 DEG C-COOLTEMP
 -28
 -16
 -4
 8
 20
 32
 44
 56
 68
 80
 92
 104
 116
 128
 140
 152

0684 00 0 SEC F14 N=E*10
 0685 00 0 SEC N=E*10
 0686 00 0 SEC N=E*10
 0687 00 0 SEC N=E*10
 0688 00 0 SEC N=E*10
 0689 00 0 SEC N=E*10
 068A 00 0 SEC N=E*10
 068B 00 0 SEC N=E*10
 068C 00 0 SEC N=E*10
 068D 00 0 SEC N=E*10
 068E 00 0 SEC N=E*10
 068F 00 0 SEC N=E*10
 0690 00 0 SEC N=E*10
 0691 00 0 SEC N=E*10
 0692 00 0 SEC N=E*10
 0693 00 0 SEC N=E*10
 0694 00 0 SEC N=E*10
 0695 00 0 SEC N=E*2.56
 0696 00 0 SEC N=E*10

 % OF MOTOR OFFSET (ISMPTY) RETAINED PER TIME INTERVAL
 TIME INTERVAL FOR RAMPING OUT MOTOR OFFSET (ISMPTY)

 KIACDM N=E*2.56
 KF14TM1 N=E*10

TURBO ECU CALIBRATION PARAMETER SUMMARY *****
 ***** DEVICE STARTING AT ADDRESS C000 *****

HEX	DATA	COMP	DATA	ENG.	ENG.	SYMBOL	CONVERSION	DESCRIPTION
R	HEX	DATA	DATA	DATA	UNITS		QUATION	
0697	00	0	0	SEC	SEC	KPNDRDEL	N=E*5-1	IAC CLOSED LOOP DELAY FOR PK/DRIVE TRANSITION
0698	00	0	0	SEC	SEC	F15	N=E*80	-28 DEG C-COOLTEMP
0699	00	0	0	SEC	SEC		N=E*80	-4
069A	00	0	0	SEC	SEC		N=E*80	20
069B	00	0	0	SEC	SEC		N=E*80	44
069C	00	0	0	SEC	SEC		N=E*80	68
069D	00	0	0	SEC	SEC		N=E*80	92
069E	00	0	0	RPM	RPM	KALDLRPM	N=E/12.5	DESIRED IDLE RPM FOR ALDL
069F	00	0	0	RPM	RPM	F16	N=E/12.5	-28 DEG C-COOLTEMP
06A0	00	0	0	RPM	RPM		N=E/12.5	-4
06A1	00	0	0	RPM	RPM		N=E/12.5	20
06A2	00	0	0	RPM	RPM		N=E/12.5	44
06A3	00	0	0	RPM	RPM		N=E/12.5	68
06A4	00	0	0	RPM	RPM		N=E/12.5	92
06A5	00	0	0	RPM	RPM	F17	N=E/12.5	-28 DEG C-COOLTEMP
06A6	00	0	0	RPM	RPM		N=E/12.5	-4
06A7	00	0	0	RPM	RPM		N=E/12.5	20
06A8	00	0	0	RPM	RPM		N=E/12.5	44
06A9	00	0	0	RPM	RPM		N=E/12.5	68
06AA	00	0	0	RPM	RPM		N=E/12.5	92
06AB	00	0	0	RPM	RPM	F18	N=E/12.5	-28 DEG C-COOLTEMP
06AC	00	0	0	RPM	RPM		N=E/12.5	-4
06AD	00	0	0	RPM	RPM		N=E/12.5	20
06AE	00	0	0	RPM	RPM		N=E/12.5	44
06AF	00	0	0	RPM	RPM		N=E/12.5	68
06B0	00	0	0	RPM	RPM		N=E/12.5	92
06B1	00	0	0	RPM	RPM	F19	N=E/12.5	-28 DEG C-COOLTEMP
06B2	00	0	0	RPM	RPM		N=E/12.5	-4
06B3	00	0	0	RPM	RPM		N=E/12.5	20
06B4	00	0	0	RPM	RPM		N=E/12.5	44
06B5	00	0	0	RPM	RPM		N=E/12.5	68
06B6	00	0	0	RPM	RPM		N=E/12.5	92
06B7	00	0	0	DEG C	DEG C	KIACWARM	N=(E+40)*256/192	IAC CONTROL COLD TEMPERATURE THRESHOLD
06B8	0000	0	0	SEC	SEC	KCNTLCT	N=E	ENGINE RUN TIME BEFORE IAC COLD CONTROL ALLOWED
06BA	00	0	0	MPH	MPH	KNBIASVS	N=E	VEHICLE SPEED THRESH TO CLEAR NBIAS VARIABLES
06BB	00	0	0	SEC	SEC	KNBIASIM	N=E*5	DELAY TIME TO DECREMENT NBIASPN OR NBIASDR
06BC	00	0	0	RPM	RPM	F20	N=E/12.5	-28 DEG C-TEMP
06BD	00	0	0	RPM	RPM		N=E/12.5	-4
06BE	00	0	0	RPM	RPM		N=E/12.5	20
06BF	00	0	0	RPM	RPM		N=E/12.5	44
06C0	00	0	0	RPM	RPM		N=E/12.5	68
06C1	00	0	0	RPM	RPM		N=E/12.5	92
06C2	00	0	0	DEG C	DEG C	KIACITEMC	N=(E+40)*256/192	TEMP ABOVE WHICH ISWVACP OR ISWVAC ARE

 # F88 TABLE
 # IDLE SPEED STABILIZER SPARK COMPENSATION VS RPM ERROR
 # (POSITIVE RPM ERROR)

 0 RPM-SPEED

REL ADDR HEX	COMP DATA HEX	COMP DATA DEC	ENG. DATA DEC	ENG. UNITS	SYMBOL	CONVERSION EQUATION
06C4	00	0		DEG		N=E*256/90
06C5	00	0		DEG		N=E*256/90
06C6	00	0		DEG		N=E*256/90
06C7	00	0		DEG		N=E*256/90

06C8	00	0		DEG	F89	N=E*256/90
06C9	00	0		DEG		N=E*256/90
06CA	00	0		DEG		N=E*256/90
06CB	00	0		DEG		N=E*256/90
06CC	00	0		DEG		N=E*256/90

DESCRIPTION

 25
 50
 75
 100

 * F89 TABLE
 * * IDLE SPEED STABILIZER SPARK COMPENSATION VS RPM ERROR
 * * (NEGATIVE RPM ERROR)
 * *****
 0 RPM-SPEED
 25
 50
 75
 100

MY CPC 2.0L TURBO ECM CALIBRATION PARAMETER SUMMARY ***** DEVICE STARTING AT ADDRESS C000 *****

DESCRIPTION

CONVERSION LOCATION

SYMBOL

ENG. UNITS

ENG. DATA DEC

COMP DATA DEC

REL COMP ADDR DATA HEX

TEMPERATURE LEVEL FOR EGR ENABLE
 VAC THRESHOLD, EGR ON
 VAC THRESHOLD, EGR OFF
 AIR FLOW MULTIPLIER
 * F75 TABLE
 * * EGR FLOW PRESSURE COMPENSATION VS PRESSURE
 * * TABLE VALUE = CONST / F (KPA)
 * * * * *
 0 KPA
 5.9
 11.8
 17.7
 23.6
 29.5
 35.4
 41.3
 47.2
 53.1
 59.0
 64.9
 70.8
 76.7
 82.6
 88.5
 94.4
 * * * * *
 * * F72 TABLE
 * * DESIRED % EGR VS VAC AND RPM
 * * * * *
 R MIN 800 RPM
 Q MIN KPA VAC
 * 800 RPM
 0 KPA-VAC
 2.5
 5.0
 7.5
 10.0
 12.5
 15.0
 17.5
 20.0
 30.0
 40.0
 50.0
 0 KPA-VAC

DEG C N=(E+40)*256/192
 KPA TBL4,0
 KPA TBL4,0
 UNITS KAIRFLOW N=E*32

REL ADDR	COMP DATA	ENG. DATA	ENG. UNITS	SYMBOL	CONVERSION	LOCATION
06D1	00	0	UNITS	F75		N=E
06D2	00	0	UNITS			N=E
06D3	00	0	UNITS			N=E
06D4	00	0	UNITS			N=E
06D5	00	0	UNITS			N=E
06D6	00	0	UNITS			N=E
06D7	00	0	UNITS			N=E
06D8	00	0	UNITS			N=E
06D9	00	0	UNITS			N=E
06DA	00	0	UNITS			N=E
06DB	00	0	UNITS			N=E
06DC	00	0	UNITS			N=E
06DD	00	0	UNITS			N=E
06DE	00	0	UNITS			N=E
06DF	00	0	UNITS			N=E
06E0	00	0	UNITS			N=E
06E1	00	0	UNITS			N=E

REL ADDR	COMP DATA	ENG. DATA	ENG. UNITS	SYMBOL	CONVERSION	LOCATION
06E2	20	32		F72		N=E
06E3	00	0				N=E
06E4	0C	12				N=E
06E5	00	0	%			N=E*10
06E6	00	0	%			N=E*10
06E7	00	0	%			N=E*10
06E8	00	0	%			N=E*10
06E9	00	0	%			N=E*10
06EA	00	0	%			N=E*10
06EB	00	0	%			N=E*10
06EC	00	0	%			N=E*10
06ED	00	0	%			N=E*10
06EE	00	0	%			N=E*10
06EF	00	0	%			N=E*10
06F0	00	0	%			N=E*10
06F1	00	0	%			N=E*10

REL ADDR HEX	COMP DATA HEX	COMP DATA DEC	ENG. DATA HEX	ENG. DATA DEC	ENG. UNITS	SYMBOL	CONVERSION EQUATION	DESCRIPTION
06F2	00	0			%	N=E*10		2.5
06F3	00	0			%	N=E*10		5.0
06F4	00	0			%	N=E*10		7.5
06F5	00	0			%	N=E*10		10.0
06F6	00	0			%	N=E*10		12.5
06F7	00	0			%	N=E*10		15.0
06F8	00	0			%	N=E*10		17.5
06F9	00	0			%	N=E*10		20.0
06FA	00	0			%	N=E*10		30.0
06FB	00	0			%	N=E*10		40.0
06FC	00	0			%	N=E*10		50.0
*						SPEED	1600 RPM	KPA-VAC
06FD	00	0			%	N=E*10		0
06FE	00	0			%	N=E*10		2.5
06FF	00	0			%	N=E*10		5.0
0700	00	0			%	N=E*10		7.5
0701	00	0			%	N=E*10		10.0
0702	00	0			%	N=E*10		12.5
0703	00	0			%	N=E*10		15.0
0704	00	0			%	N=E*10		17.5
0705	00	0			%	N=E*10		20.0
0706	00	0			%	N=E*10		30.0
0707	00	0			%	N=E*10		40.0
0708	00	0			%	N=E*10		50.0
*						SPEED	2000 RPM	KPA-VAC
0709	00	0			%	N=E*10		0
070A	00	0			%	N=E*10		2.5
070B	00	0			%	N=E*10		5.0
070C	00	0			%	N=E*10		7.5
070D	00	0			%	N=E*10		10.0
070E	00	0			%	N=E*10		12.5
070F	00	0			%	N=E*10		15.0
0710	00	0			%	N=E*10		17.5
0711	00	0			%	N=E*10		20.0
0712	00	0			%	N=E*10		30.0
0713	00	0			%	N=E*10		40.0
0714	00	0			%	N=E*10		50.0
*						SPEED	2400 RPM	KPA-VAC
0715	00	0			%	N=E*10		0
0716	00	0			%	N=E*10		2.5
0717	00	0			%	N=E*10		5.0
0718	00	0			%	N=E*10		7.5
0719	00	0			%	N=E*10		10.0
071A	00	0			%	N=E*10		12.5
071B	00	0			%	N=E*10		15.0
071C	00	0			%	N=E*10		17.5
071D	00	0			%	N=E*10		20.0
071E	00	0			%	N=E*10		30.0
071F	00	0			%	N=E*10		40.0
0720	00	0			%	N=E*10		50.0
*						SPEED	2800 RPM	KPA-VAC
0721	00	0			%	N=E*10		0
0722	00	0			%	N=E*10		2.5

MY CPC 2.0L TURBO ECM CALIBRATION PARAMETER SUMMARY ***** DEVICE STARTING AT ADDRESS C000 *****

REL ADDR HEX	COMP DATA HEX	COMP DATA DEC	ENG. DATA DEC	ENG. UNITS	SYMBOL	CONVERSION EQUATION	DESCRIPTION
0723	00	0	0	%	N=E*10		5.0
0724	00	0	0	%	N=E*10		7.5
0725	00	0	0	%	N=E*10		10.0
0726	00	0	0	%	N=E*10		12.5
0727	00	0	0	%	N=E*10		15.0
0728	00	0	0	%	N=E*10		17.5
0729	00	0	0	%	N=E*10		20.0
072A	00	0	0	%	N=E*10		30.0
072B	00	0	0	%	N=E*10		40.0
072C	00	0	0	%	N=E*10		50.0
*					SPEED	3200 RPM	
072D	00	0	0	%	N=E*10		0
072E	00	0	0	%	N=E*10		2.5
072F	00	0	0	%	N=E*10		5.0
0730	00	0	0	%	N=E*10		7.5
0731	00	0	0	%	N=E*10		10.0
0732	00	0	0	%	N=E*10		12.5
0733	00	0	0	%	N=E*10		15.0
0734	00	0	0	%	N=E*10		17.5
0735	00	0	0	%	N=E*10		20.0
0736	00	0	0	%	N=E*10		30.0
0737	00	0	0	%	N=E*10		40.0
0738	00	0	0	%	N=E*10		50.0

 * F73 TABLE
 * EGR DUTY CYCLE VS EGR VALVE FLOW NORMALIZED TO PRESS
 * ACROSS THE VALVE (GRAMS/SEC)/F75(K
 * *****

0739	00	0	0	%	N=E*2.56		0
073A	00	0	0	%	N=E*2.56		16
073B	00	0	0	%	N=E*2.56		32
073C	00	0	0	%	N=E*2.56		48
073D	00	0	0	%	N=E*2.56		64
073E	00	0	0	%	N=E*2.56		80
073F	00	0	0	%	N=E*2.56		96
0740	00	0	0	%	N=E*2.56		112
0741	00	0	0	%	N=E*2.56		128
0742	00	0	0	%	N=E*2.56		144
0743	00	0	0	%	N=E*2.56		160
0744	00	0	0	%	N=E*2.56		176
0745	00	0	0	%	N=E*2.56		192
0746	00	0	0	%	N=E*2.56		208
0747	00	0	0	%	N=E*2.56		224
0748	00	0	0	%	N=E*2.56		240
0749	00	0	0	%	N=E*2.56		256
074A	00	0	0	%	N=E*2.56		
074B	00	0	0	%	N=E*40		
074C	00	0	0	%	N=E*256*2.711		
074D	00	0	0	%	N=E*256*2.711*4		
074E	00	0	0	%	N=E*256*2.711*4		

 * FILTER CONSTANT FOR EGRDES
 * DELTA THROTTLE LIMIT FOR EGR TIP-IN
 * TIMER FOR EGR TIP-IN
 * UNITS = KPA*SEC*SEC/ GRAMS*GRAMS
 * UNITS = KPA*SEC/GRAMS

 * F73
 * KFIL EGRD
 * KEGRTINX
 * KEGRTINX
 * KBP2
 * KBP1
 * UNITS
 * UNITS

MY88 CPC JL TURBO ECM CALIBRATION PARAMETER SUMMARY
***** DEVICE STARTING AT ADDRESS C000 *****

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DESCRIPTION

CONVERSION EQUATION

SYMBOL

ENG. UNITS

ENG. DATA
DEC

COMP DATA
DEC

REL ADDR
HEX

074F 00

KPA KBPO

0

0

N=E*2.711

***** DEVICE STARTING AT ADDRESS C000 *****

COMP DATA HEX COMP DATA DEC ENG. DATA DEC UNITS SYMBOL CONVER: EQUATION

DESCRIPTION

 * SERIAL DATA TRANSMIT DATA AND TABLES *

 * SCI MESSAGE SCHEDULE TABLE *

TIME SLOT 0
 1
 2
 3
 4
 5
 6
 7
 8
 9
 A
 B
 C
 D
 E
 F

 * ALDL TRANSMIT TABLE FOR MODE ONE *

LOCATION 1
 2
 3
 4
 5
 6
 7
 8
 9
 10
 11
 12
 13
 14
 15
 16
 17
 18
 19
 20
 21

ADDR	CONVER:	UNITS	SYMBOL	ENG. DATA DEC	COMP DATA DEC	CONVER:	EQUATION
0750 0000			F90MST		0		
0752 0000					0		
0754 0000					0		
0756 0000					0		
0758 0000					0		
075A 0000					0		
075C 0000					0		
075E 0000					0		
0760 0000					0		
0762 0000					0		
0764 0000					0		
0766 0000					0		
0768 0000					0		
076A 0000					0		
076C 0000					0		
076E 0000					0		

ADDR	CONVER:	UNITS	SYMBOL	ENG. DATA DEC	COMP DATA DEC	CONVER:	EQUATION
0770 0000			F95		0		
0772 0000					0		
0774 0000					0		
0776 0000					0		
0778 0000					0		
077A 0000					0		
077C 0000					0		
077E 0000					0		
0780 0000					0		
0782 0000					0		
0784 0000					0		
0786 0000					0		
0788 0000					0		
078A 0000					0		
078C 0000					0		
078E 0000					0		
0790 0000					0		
0794 0000					0		
0796 0000					0		
0798 0000					0		

DESCRIPTION

CONVERSION EQUATION

REL ADDR HEX COMP DATA HEX ENG DATA DEC ENG UNITS SYMBOL

REL ADDR HEX	COMP DATA HEX	ENG DATA DEC	ENG UNITS	SYMBOL	CONVERSION EQUATION
079A 0000	0		ADDR	N=E	
079C 0000	0		ADDR	N=E	
079E 0000	0		ADDR	N=E	
07A0 0000	0		ADDR	N=E	
07A2 0000	0		ADDR	N=E	
07A4 0000	0		ADDR	N=E	
07A6 0000	0		ADDR	N=E	
07A8 0000	0		ADDR	N=E	
07AA 0000	0		ADDR	N=E	
07AC 0000	0		ADDR	N=E	
07AE 0000	0		ADDR	N=E	
07B0 0000	0		ADDR	N=E	
07B2 0000	0		ADDR	N=E	
07B4 0000	0		ADDR	N=E	
07B6 0000	0		ADDR	N=E	
07B8 0000	0		ADDR	N=E	
07BA 0000	0		ADDR	N=E	
07BC 0000	0		ADDR	N=E	
07BE 0000	0		ADDR	N=E	
07C0 0000	0		ADDR	N=E	
07C2 0000	0		ADDR	N=E	
07C4 0000	0		ADDR	N=E	
07C6 0000	0		ADDR	N=E	
07C8 0000	0		ADDR	N=E	
07CA 0000	0		ADDR	N=E	
07CC 0000	0		ADDR	N=E	
07CE 0000	0		ADDR	N=E	
07D0 0000	0		ADDR	N=E	
07D2 0000	0		ADDR	N=E	
07D4 0000	0		ADDR	N=E	
07D6 0000	0		ADDR	N=E	
07D8 0000	0		ADDR	N=E	
07DA 0000	0		ADDR	N=E	
07DC 0000	0		ADDR	N=E	
07DE 0000	0		ADDR	N=E	
07E0 0000	0		ADDR	N=E	
07E2 0000	0		ADDR	N=E	
07E4 0000	0		ADDR	N=E	
07E6 0000	0		ADDR	N=E	
07E8 0000	0		ADDR	N=E	
07EA 0000	0		ADDR	N=E	
07EC 0000	0		ADDR	N=E	

 * ALDL TRANSMIT TABLE FOR MODES ZERO (NORMAL MODE) AND
 *

* 07EE 0000 ADDR F96 N=E
 07FO 0000 ADDR N=E
 07F2 0000 ADDR N=E

MPC 2.0L TURBO ECM CALIBRATION PARAMETER SUMMARY
***** DEVICE STARTING AT ADDRESS C000 *****

REL ADDR HEX	COMP DATA HEX	COMP DATA DEC	ENG. DATA DEC	ENG. UNITS	SYMBOL	CONVERSION FUNCTION	DESCRIPTION
07F4	0000	0	ADDR	ADDR	N=E		
07F6	0000	0	ADDR	ADDR	N=E		
07F8	0000	0	ADDR	ADDR	N=E		
07FA	0000	0	ADDR	ADDR	N=E		
07FC	0000	0	ADDR	ADDR	N=E		
07FE	0000	0	ADDR	ADDR	N=E		
0800	0000	0	ADDR	ADDR	N=E		
0802	0000	0	ADDR	ADDR	N=E		
0804	0000	0	ADDR	ADDR	N=E		
0806	0000	0	ADDR	ADDR	N=E		
0808	0000	0	ADDR	ADDR	N=E		
080A	0000	0	ADDR	ADDR	N=E		
080C	0000	0	ADDR	ADDR	N=E		
080E	0000	0	ADDR	ADDR	N=E		
0810	0000	0	ADDR	ADDR	N=E		
0812	0000	0	ADDR	ADDR	N=E		
0814	0000	0	ADDR	ADDR	N=E		
0816	0000	0	ADDR	ADDR	N=E		
0818	0000	0	ADDR	ADDR	N=E		
081A	0000	0	ADDR	ADDR	N=E		
081C	0000	0	ADDR	F97	N=E		

* ALDL POLLING DATA

NY88 CPC -.OL TURBO ECM CALIBRATION PARAMETER SUMMARY
 ***** DEVICE STARTING AT ADDRESS C000 *****

REL ADDR HEX	COMP DATA HEX	COMP DATA DEC	ENG. DATA DEC	ENG. UNITS	SYMBOL	CONVERSION EQUATION	DESCRIPTION
081E 00	0	0		ADDR	KHUDLEDS N=E		----- ADDRESS CONTENTS TO BE DISPLAYED ON HUD LEADS ADDRESS CONTENTS DISPLAYED AT "RAM CONTENTS"
081F 00	0	0		ADDR	KHUDRAM N=E		

-1 (NTRPM)

SPEED RPM	NTRPM
400	0
600	16
800	32
1000	48
1200	64
1400	80
1600	96
1800	112
2000	128
2200	144
2400	160
2800	176
3200	192
3600	208
4000	224
4400	240
4800	256

::TBL2 (COOLDEG)

TEMP DEG C	COOLDEG
-40	0
-28	16
-16	32
-4	48
8	64
20	80
32	96
44	112
56	128
68	144
80	160
92	176
104	192
116	208
128	224
140	240
152	256

::TBL3 (ADMAT1K)

TEMP DEG C	ADMAT1K
-40	255
-30	251
-20	250
-15	247
-10	245
-5	241
0	237
5	231
10	225
15	218
	209

MY88 CPU 01 TURBO ECM CALIBRATION PARAMETER SUMMARY

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20
25
30
35
40
45
50
55
60
65
70
75
80
85
90
95
100
105
110
115
120
125
130
135
140
145
150
155
160
165
170
175
180
185
190
195
200

199
189
177
165
152
139
126
114
102
92
81
72
64
56
50
44
39
34
30
26
23
21
18
16
14
13
12
0

::

:::TBL4 (0,1,2,3)
LOAD N

VAC KPA
80
75
70
65
60
55
50
45
40
35
30
25
20
15
10
5
0

MAP KPA
30
40
50
60
70
80
90
100
110
120
130
140
150
160
170
180
190

MAP KPA
30
40
50
60
70
80
90
100
110
120
130
140
150
160
170
180
190

:::TBL5 (NMPH)

SPEED MPH
0
5
10

NMPH
0
16
32

THROTPOS %

0.00
6.25
12.50
18.75
25.00
31.25
37.50
43.75
50.00
56.25
62.50
68.75
75.00
81.25
87.50
93.75
100.00

:::



MAP 9 CPC 2.0L TURBO ECM CALIBRATION PARAMETER SUMMARY

15	48
20	64
25	80
30	96
35	112
40	128
45	144
50	160
55	176
60	192
65	208
70	224
102	240
103	256

:::TBL7 SPEED
RPM

0
400
800
1200
1600
2000
2400
2800
3200
3600
4000
4400
4800
5200
5600
6000
6400

:::TBL8 BARO

KPA
75
85
95
105

:::TBL9 MAP

KPA
0
5
10
15
20
25
30
35
40
45

MY88 CPC --OL TURBO ECM CALIBRATION PARAMETER SUMMARY

50
55
60
65
70
75
80
85
90
95
100 ::

::TBL10 VAC
KPA 0
2.5
5.0
7.5
10.0
12.5
15.0
17.5
20.0
22.5
25.0
27.5
30.0
32.5
35.0
37.5
40.0 ::

::TBL11 BATTERY
VOLTS
0.0
1.6
3.2
4.8
6.4
8.0
9.6
11.2
12.8
14.4
16.0
17.6
19.2
20.8
22.4
24.0
25.5 ::

::TBL12 BLM CELL'
#

04/28 CPC 2.0L TURBO ECM CALIBRATION PARAMETER SUMMARY

0
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15

::TBL13

COOLTEMP
'DEG C'

-40
-28
-16
-4
8
20
32
44
56
68
80
92
104
116
128
140
152

::TBL14

MATTEMP
'DEG C'

HOT
136
107
91
80
71
63
56
49.3
43.3
37
30.5
23.5
15.5
6

NY88 CPC 0.0L TURBO ECM CALIBRATION PARAMETER SUMMARY

-8.5
COLD ::
::TBL15
CHANGE
%
0

12.5
25.0
37.5
50.0 ::

::TBL16
4*DT
%
00.00
06.25

12.50
18.75
25.00 ::
::TBL17

LAG
SEC
0
0.8
1.6
2.4
3.2 ::

::TBL18 (0,1)
LOAD
N
200
208
216
224
232
240
248
256

VAC
KPA
17.5
15
12.5
10
7.5
5
2.5
0

MAP
KPA
82.5
85
87.5
90
92.5
95
97.5
100 ::

::TBL20
THROTPOS
%

00.0
12.5
25.0
37.5
50.0
62.5
75.0
87.5
100.0 ::

::TBL21
VAC
KPA
25.0
22.5

CPC 2.0L TURBO ECM CALIBRATION PARAMETER SUMMARY

20.0
 17.5
 15.0
 12.5
 10.0
 7.5
 5.0
 2.5
 0.0 ::
 ::TBL22

SPEED
 RPM
 0
 200
 400
 600
 800
 1000
 1200
 1400
 1600
 1800
 2000
 2200
 2400
 2600
 2800
 3000
 3200
 3400
 3600
 3800
 4000
 4200
 4400
 4600
 4800
 5000 ::

MAP
 KPA
 20
 30
 40
 50
 60
 70
 80
 85
 90
 95
 100 ::
 ::TBL23 (0,1)

SPEED NTRPM

LOAD
 N
 0
 32
 64
 96
 128
 160
 192
 208
 224
 240
 256
 ::TBL24 (NTRPMP)

VAC KPA

MY88 CPC .0L TURBO ECM CALIBRATION PARAMETER SUMMARY

RPM	N
400	0
600	16
800	32
1000	48
1200	64
1400	80
1600	96
2000	128
2400	160
2800	176
3200	192
3600	208

::TBL27

SPEED	BARO
RPM	KPA
1000	58
1800	63
2600	69
3400	75
4200	81
5000	87
	93
	99
	105

::TBL28

::TBL29

DC	%
0	6.25
	12.50
	18.75
	25.00
	31.25
	37.50
	43.75
	50.00
	56.25
	62.50
	68.75
	75.00
	81.25
	87.50
	93.75
	100.0

BL30

SPEED
RPM
0
50
100
150
200
250
300
350
400
450
500 ::

::TBL31

FUELPRES'
COUNTS

0
16
32
48
64
80
96
112
128
144
160
176
192
208
224
240
256 ::

::TBL32

FUELPRES'
KPA

0
4
8
12
16
20
24
28
32
36
40
44
48
52
56
60
64

NY88 CPC L-0L TURBO ECM CALIBRATION PARAMETER SUMMARY

68
72
76
80 ::

::TBL33

MAP
KPA
20
30
40
50
60
70
80
90
100 ::

::TBL34 (NMPH)

SPEED
KPH 0 8 16 24 32 40 48 56 64 72 80 88 96 104 112 165 166

NMPH
N 0 16 32 48 64 80 96 112 128 144 160 176 192 208 224 240 256 ::

::TBL35
SPEED
MPH 00 05 10 15 20 25 30 35 40 45 50 55 60 65 70

75
80 ::

```

::TBL36
TPS
%
00
06.25
12.5
18.75
25
31.25
37.5
43.75
50
56.25
62.5
68.75
75
81.25
87.5
93.75
100 ::

```

```

::TBL37 SPEED
RPM
600
700
800
900
1000
1100
1200
1300
1400
1500
1600 ::

```

```

::TBL38 EGR
%
0
1.6
3.2
4.8
6.4
8.0
9.6
11.2
12.8
14.4
16.0
17.6
19.2
20.8
22.4

```

MY88 CPU L TURBO ECM CALIBRATION PARAMETER SUMMARY

04/28/87 PAC

24.0
25.6 ::

::TBL39

MAP

KPA

80

90

100

110

120

130

140

150

160

170

180

190 ::

::TBL40

MAP 2A'

MAP 1A'

20 50

30 60

40 70

50 80

60 90

70 100

80 110

90 120

100 130 ::

::TBL41

VAC

KPA

0

2.5

5.0

7.5

10.0

12.5

15.0

17.5

20.0

30.0

40.0

50.0

60.0

70.0

80.0

90.0

100.0 ::

::TBL42

SPEED

RPM

600

800

1000
1200
1600
2000
2400
::TBL43

TEMP
'DEG C'
COLD
-8.5
6.0
15.5
23.5
30.5
37.0
43.3
49.3
56.0
63.0
71.0
80.0
91.0
107.0
136.0
HOT
::TBL44

BOOST
KPA
0.0
12.5
25.0
37.5
50.0
62.5
75.0
87.5
100.0
::TBL45 (NTRPMP)

SPEED
RPM
600
800
1000
1200
1400
1600
2000
2400
2800
3200
3600
4000
4400
4800

NTRPMP
N
0
16
32
48
64
80
96
112
128
144
160
176
192
208
::

MY88 CPC 2.0L TURBO ECM CALIBRATION PARAMETER SUMMARY

:::TBL46

MAP	2ATM
0	0
5	0
10	0
15	0
20	30
25	40
30	50
35	60
40	70
45	80
50	90
55	100
60	110
65	120
70	130
75	140
80	150
85	160
90	170
95	180
100	190

:::TBL47

BPW	MSEC
0.000	0.000
0.244	0.244
0.488	0.488
0.732	0.732
0.977	0.977
1.221	1.221
1.465	1.465
1.709	1.709
1.953	1.953
2.197	2.197
2.441	2.441
2.686	2.686
2.930	2.930
3.174	3.174
3.418	3.418
3.662	3.662
3.906	3.906

:::TBL48

SPEED	RPM
0	0
25	50
75	75
100	100

:::

NY CPC 2.0L TURBO ECM CALIBRATION PARAMETER SUMMARY *****
 ***** DEVICE STARTING AT ADDRESS C000 *****

SYMBOL		ADDRESS/RELATIVE		ADDRESS CROSS		REFERENCE		LIST	
SYMBOL	ADDR	SYMBOL	ADDR	SYMBOL	ADDR	SYMBOL	ADDR	SYMBOL	ADDR
DATECODE	0002	F10A	066A	F11P	0134	F12	067B		
F13D	067F	F15	0698	F16	069F	F17	06A5		
F18	06AB	F2E	0280	F20	06BC	F21A	050B		
F22A	0511	F24	03FA	F25C	0404	F28A	040E		
F29C	041F	F3	02CF	F30	04AC	F31C	04BE		
F31M	0400	F34B	04E7	F35B	044C	F36A	04FA		
F37B	0517	F39	0500	F40	02FF	F42C2	00DC		
F43C2	00E7	F47G1ST	0141	F47G2ND	0153	F47G3RD	0165		
F47G4TH	0177	F5	0105	F50	052C	F51C	0537		
F52C	0344	F56A	055E	F57	05BB	F59A	0118		
F6B	031B	F61	05E5	F63	05F6	F64	05FA		
F67	0601	F68	0607	F7B	0321	F70B	03BF		
F71	03E6	F72	06E2	F75	06D1	F77A	060D		
F78A	0085	F83	008C	F84	00C2	F88	06C3		
F89	06C8	F90MST	0750	F94	062A	F95	0770		
F98	07EE	F92	0618	F94	062A	F95	0770		
KACLMPLH	00A6	KACDI1STH	00A1	KACDI1STL	00A2	KACDLD	0644		
KACRPML	00AB	KACLT1PSH	00A8	KACLT1PSL	00A7	KACRPMH	00AC		
KACT1M1	009E	KACTEMH	00A4	KACTEML	00A3	KACT1MER	00AA		
KADSUCT	0347	KACTRANS	0662	KADBARO	0032	KAD02AF	009A		
KAEPMTB	0338	KAD2BARO	0034	KAELSCN	003C	KAEPMDTA	0337		
KAFCFTA	0362	KAETATH	033B	KAETATR	033A	KAFCF	0363		
KAIRFLOW	0600	KAFDM	0362	KAFOPT2	0333	KAFOPT3	0334		
KAPMIN	036E	KAFSTCN	0392	KAFPT1	0332	KAFCTH	0361		
KBLMCNT	034E	KAFTH	0365	KAFLOW	0364	KAPMAX	036C		
KBPO	074F	KAPLH	0368	KAPL	036A	KBKRTPS	00FF		
KBSTDLT2	03AD	KBKRTD1	0100	KBLMIN	0356	KBLMINS	034F		
KBFTM1	032B	KBKRTD1	0100	KBLMIN	0356	KBLMINS	034F		
KCLITMX	035B	KCAFDM	032D	KBLMIN	0356	KBLMINS	034F		
KCNTRC	0376	KCLBSTEH	03B3	KBLMIN	0356	KBLMINS	034F		
KCTBIAS	00F7	KCLPROP	035D	KBLMIN	0356	KBLMINS	034F		
KDFCOSPH	0370	KCOASTH	00D1	KBSTBIAS	00F8	KBSTDLT1	03AC		
KDIARPLM	0024	KDCSTEP	03B9	KCAFT1	0329	KCLITM1	035A		
KEGRTIMX	074C	KDFCOG	0373	KCLBSTEL	03B4	KCNTLCT	0688		
KESCDADV	0022	KDFCOTP	0388	KCLTC	034A	KCOAST2A	00D4		
KFANCLTH	00AE	KDMPINTR	007E	KCOAST1A	00D3	KDCTIM8P	03B7		
KFANCTHL	00B1	KEGRVACT1	06CE	KDCTIM8N	03B6	KDFCOSLK	037B		
KFANTIM1	00BB	KEGRVACT1	06CE	KDFCOMAP	0372	KDIARPMH	0025		
KFIDEPMH	0346	KETCDLIB	0661	KDIAGADV	0020	KDIARPMH	0025		
KFLO20T	0375	KFANDS1	00B7	KEGRBIAS	00F6	KEGRTEM1	06CD		
KFILTPMH	0342	KFANVSHK	00AF	KEGRVAC2	06CF	KEGRUNCTR	0029		
KFMPHLOW	0340	KFIDETAH	0345	KESCMAP	00FD	KESCNOP	0139		
KFUELC1	0116	KFILTRPM	0014	KFANCLC1	00B9	KFANCLC2	00BA		
KFUELRLO	0113	KFILTTAC	033F	KFANCTCL	00B3	KFANCTHH	00B2		
KF2ENA	0102	KFRPLOW	038A	KFANMTCH	00B6	KFANMTGL	00B5		
KGDCCTIM1	03A7	KFUELC1	0116	KFANVSLK	00AD	KFIDEPMC	0344		
		KFUELC2	0117	KFLEGRD	074A	KFLO20T	0374		
		KF4GTRD	002D	KFILTMP1	0011	KFILTPMC	0340		
		KGDCCTIM2	03A8	KFILTMP2	0012	KFMPHH1	03A1		
				KFRPLOW	038A	KFTES125	0015		
				KFRPMTIM	0391	KFUELRH1	0114		
				KFUELC3	013B	KF14TM1	0696		
				KFUELC4	0111	KF4TPS2	002C		
				KFUELC5	0111	KGDCCTIM7	03B0		
				KFUELC6	0111				
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				KFUELC98	0111				
				KFUELC99	0111				
				KFUELC100	0111				

L TURBO ECM CALIBRATION PARAMETER SUMMARY
:**** DEVICE STARTING AT ADDRESS C000 *****

SYMBOL		ADDRESS		ADDRESS		REFERENCE		LIST	
SYMBOL	ADDR	SYMBOL	ADDR	SYMBOL	ADDR	SYMBOL	ADDR	SYMBOL	ADDR
KGDCCTMPH	03A6	KGDCCTMPL	03A5	KGEKCDIS	03AB	KGEKCEANA	03AA	KGRDLY1	0150
KGRDLY2	0162	KGRDLY3	0174	KGRDLY4	0186	KHUBLEDS	081E	KHUDRAM	081F
KIACACDL	0645	KIACDM	0695	KIACMPH	0654	KIACCTEMC	062A	KIACCTINH	0666
KINTDLTC	039E	KICKDTA	065D	KICKTM	065C	KICKTPS	065B	KINTDLTA	039F
KISERDB2	064C	KISERRR	064A	KISALPC	0643	KISWADM	0655	KISERDB1	064B
KISMLTR2	063A	KISMPNE1	063F	KISMLTE1	063B	KISMLTE2	063C	KISMLTR1	0639
KISPKDL	0646	KISPSSA1	0647	KISPSSB1	0648	KISPSTMR	0668	KISMPNR2	063E
KISSPKF	0667	KISSPVT2	064E	KISSWNA	064D	KISTCDTB	0653	KISPSTMP	0669
KISTCBNH	0642	KISTGBNL	0641	KK	007A	KKCTMPHI	004B	KISTALPB	0651
KISTDEL	0660	KISTPSI	0649	KKEGRDFA	0067	KKEGRDRT	0066	KISTCMPH	064F
KKDRMAP	007D	KKEGRDEC	006E	KKEGRLLV	0062	KKEGRMPH	006D	KKDIAGWM	0049
KKEGRHLV	0063	KKEGRLLT	0064	KKESCP	0092	KKES34A	0076	KKEGRHLT	0065
KKEGRIDL	0068	KKEGRTIM	0061	KKEMPL	004C	KKINTCH	006C	KKEGRSPK	0069
KKETCTLO	005A	KKETMPH1	0060	KKIAD IAG	008D	KKETMPL0	0059	KKETCTH	005F
KKMASK2	0036	KKMASK3	0037	KKMATDF	005B	KKNEGRDC	006F	KKMASK1	0035
KKM43ATH	0094	KKM43ATL	0095	KKM43ATM	0096	KKNOMALF	0038	KKM33CNT	0074
KKO2HIGH	0046	KKO2IDL	0041	KKO2L0D	0047	KKO2LOW	0045	KKO2DFT1	003F
KKO2MAX	0099	KKO2MIN	0098	KKO2MPT1	003D	KKO2OLTM	0048	KKO2MAP	0043
KKPGMID	0008	KKPMACON	007C	KKPMAC33	0072	KKRPMDF	0079	KKO2RPM	0044
KKPM33	0071	KKPM34	0075	KKRM21A	0050	KKRTDF	0093	KKPM21	0052
KKTA21	004F	KKTA22	0053	KKTA33	0070	KKTA34	0078	KKSUM	0006
KKVRPMA	0056	KKVRPMLA	0055	KKVSPDK	0054	KKVST	0058	KKTCDF	004E
KK21TIM	0051	KK23BSTM	005C	KK24MAP	0057	KK32DL	0068	KK2ATM33	007B
KK33TIM	0073	KK34TIM	0077	KK35DLTB	008B	KK35MXMP	008C	KK32IME	006A
KK42ACT	0090	KK42PLWD	0091	KK42RMA	008F	KK44T IMF	009C	KK35TIME	008E
KK45TIM	0097	KK53TIM	009D	KLCESTHU	034D	KLCTH	0351	KK44T IMS	009B
KLCLDLO	0384	KLCRPM1	037A	KLCTCLL	034C	KLCVACO	0383	KLCKDLYT	00D7
KLITDLY2	0164	KLITDLY3	0176	KLITDLY4	0188	KLMAXLEAN	0366	KLITDLY1	0152
KMAPDEC	00C9	KMAP INC	00C8	KMAXADV2	001E	KMCNT2	003A	KLKDLT3	00D9
KMAXRTD2	0026	KMAXTIME	00CA	KMCNT1	0039	KMCNT3	003B	KMAXOFF	0133
KMCNT4	003C	KMINTIME	00CC	KMPGMULT	0138	KNBIASVM	06BA	KMCNT3	003B
KNUMCYL	0009	KNVRAT1H	014C	KNVRAT1L	014D	KNVRAT2H	015E	KNBIASVS	06BA
KNVRAT3H	0170	KNVRAT3L	0171	KNVRAT4H	0182	KNVRAT4L	0183	KNVRAT2L	015F
KNVRAT5L	018A	KO2AMAX	0358	KO2AMIN	0359	KO2ATIME	034B	KNVRAT5H	0189
KO2FLLHC	0378	KPEMAPP4	0381	KPCOUR	035E	KPEAFDLT	039C	KO2FFO	0331
KPEHMPH	0398	KPEMAPHY	0381	KPEMAP1	0393	KPEMAP2	0394	KPEATPS	0395
KPEMAP4	039B	KPEMAP42	037C	KPEMPH	0397	KPEMPHTM	0399	KPEMAP3	0382
KPERPM1	037F	KPERPM42	037D	KPETCTH	0396	KPETPS	0387	KPERPM	037E
KPNDRDEL	0697	KPROPAC	035C	KPSDADV	002F	KPSLDCLC	0659	KPKDRDEL	065F
KPSTCDT	0656	KPSTCLC	065A	KPSTEMP	0031	KPWFANGL	0385	KPSLDDS1	0658
KQASRPMD	0389	KQSYNMPH	0390	KRAFTDM	0327	KRETARDM	00FA	KPWDEGR	0386
KREFMAXL	038E	KREL1A	00D5	KREL2A	00D6	KRPMIN2	0160	KREFMAXH	038F
KRPMDUR	00A0	KRPMPHYSM	013D	KRPMIN1	014E	KRPMPHFF	0352	KRPMAX	013E
KRPMIN4	0184	KRPKNOB	00F9	KRPMPH1	014E	KRPMOFFL	0353	KRPMIN3	0172
KRPXHI	000F	KRSCSTK	00D2	KRSHNTHK	00DA	KRSHNTLK	00DB	KRPMPUP	000A
KSADM	0104	KSAGSTK	0063	KSATM1	0103	KSATM1	0103	KRUNFCTR	002A
KSDFMPLH	013F	KSPDDIV	00F2	KSPDSEN	00F4	KSNGTCDT	0665	KSGTCLC	0664
KTAOFF	0330	KTCCTMPL	00D0	KTFFTT	033D	KTFFTTM	033E	KSYNRPML	0336
								KTIMELAG	0016

URBO ECM CALIBRATION PARAMETER SUMMARY
***** DEVICE STARTING AT ADDRESS C000 *****

SYMBOL	ADDR	SYMBOL/RELATIVE	ADDRESS	CROSS	REFERENCE	LIST	SYMBOL	ADDR	
K3	0028	KTPSHYS	0380	KTPSHYSM	013C	KTPSHYS1	0151	KTPSHYS2	0163
KTPSHYS3	0175	KTPSHYS4	0187	KTPSNLT1	014F	KTPSNLT2	0161	KTPSNLT3	0173
KTPSNLT4	0185	KT1A	0349	KT2A	0348	KVEHMOVE	00F3	KVSDLE	0657
KWGCLTIM	03B2	KWGDCLOW	03BE	KWGDRPMN	03BC	KWGDRPMP	03BB	KWGDTPS	03BD
KWGMAPH	03A3	KWGMAPL	03A4	KWGMAPT1M	03A2	KWGMAPHL	03AE	KWGRPMEN	03BA
K3	032E	K4	032F	K6XRPMDS	001A	K6XRPMEN	0018	K6XSYNCH	001C
PROMIDA	0000	SEQNUMB	0004						