

LOC	OBJECT CODE	ADDR1	ADDR2	STMT	SOURCE	STATEMENT	DOS/VSE ASSEMBLER 10.22 82-08-09
00015C	4130 0001		00001	196	A023	LA R3,1	FIELD COUNTER 00098*15
000160	1814			197		LR R1,R4	COPY START OF LEADER 00098*15
000162	4A10 1000		00000	198	A025	AH R1,0(0,R1)	ADD LEADER OR FIELD LENGTH 00100*14
000166	1912			199		CR R1,R2	IS NEXT FIELD PAST END? 00101*14
000168	47B0 D17A	0017E		200		BNL A030	YES 00102*14
00016C	D501 1000	D5FA 00000	005FE	201		CLC 0(2,R1),=H'6'	IS FIELD NULL? 00103*14
000172	47D0 D15E	00162		202		BNH A025	YES, IGNORE IT 00104*14
000176	4130 3001		00001	203		LA R3,1(0,R3)	COUNT FIELD 00105*14
00017A	47F0 D15E	00162		204		B A025	00106
00017E	4C30 D5FC		00600	205	A030	MH R3,=H'12'	CALCULATE LENGTH OF DIRECTORY 00107*15
000182	4160 8018		00018	206		LA R6,MCDIR	START OF DIRECTORY 00108*15
000186	4133 6001		00001	207		LA R3,1(R3,R6)	START OF DATA 00109*15
00018A	5030 D444		00448	208		ST R3,BASEADR	SAVE ADDRESS 00110*15
00018E	1803			209		LR R0,R3	CALCULATE RELATIVE ADDRESS 00111*15
000190	1B08			210		SR R0,R8	00112*10
000192	4E00 D43C		00440	211		CVD R0,DTEMP	00113*10
000196	F347 800C	D43C 0000C	00440	212		UNPK MCBASE,DTEMP	00114
00019C	96F0 8010	00010		213		OI MCBASE+4,X'F0'	REMOVE SIGN 00115*15
			00018	214		USING MCDIR,R6	00116*10
0001A0	D202 6000	D601 00018	00605	215		MVC MCTAG,=C'001'	RECORD KEY 00117*15
0001A6	D203 6003	D594 0001B	00598	216		MVC MCFLN,=C'0013'	LENGTH 00118*15
0001AC	1803			217		LR R0,R3	CALCULATE RELATIVE DATA LOCATION 00119*15
0001AE	5B00 D444		00448	218		S R0,BASEADR	00120*10
0001B2	4E00 D43C		00440	219		CVD R0,DTEMP	00121*10
0001B6	F347 6007	D43C 0001F	00440	220		UNPK MCPOS,DTEMP	00122
0001BC	96F0 600B	00023		221		OI MCPOS+4,X'F0'	00123
0001C0	4100 0003		00003	222		LA R0,INSTBL#	CONVERT INSTN CODE TO PREFIX 00124*23
0001C4	4110 D607		0060B	223		LA R1,INSTBL	00125*23
0001C8	D501 4008	1000 00008	00000	224	A033	CLC LDSECUR,0(R1)	00126*23
0001CE	4780 D1E4		001E8	225		BE A035	00127*23
0001D2	4110 1005		00005	226		LA R1,L'INSTBL(,R1)	00128*23
0001D6	4600 D1C4		001C8	227		BCT R0,A033	00129*23
0001DA	D201 3000	4008 00000	00008	228		MVC 0(2,R3),LDSECUR	USE INSTN CODE IF NOT IN TABLE 00130*23
0001E0	9240 3002		00002	229		MVI 2(R3),C'	00131*23
0001E4	47F0 D1EA		001EE	230		B A037	00132*23
0001E8	D202 3000	1002 00000	00002	232	A035	MVC 0(3,R3),2(R1)	MOVE SPECIAL CODE 00134*23
0001EE	DC01 9005	D555 00005	00559	233	A037	TR 5(2,R9),ALPHATBL-C'A'	CONVERT LETTERS TO NUMBERS 00135*23
0001F4	F342 3003	9005 00003	00005	234		UNPK 3(5,R3),5(3,R9)	INSERT IN RECORD 00136*23
0001FA	D203 3007	D64C 00007	00650	235		MVC 7(4,R3),MUKEY+3	MOVE NUMBERS 00137*23
000200	9240 300B		0000B	236		MVI 11(R3),C'	INSERT TRAILING BLANK 00138*23
000204	920E 300C		0000C	237		MVI 12(R3),FM	FOLLOW WITH A FIELD MARK 00139*15
000208	4130 300D		0000D	238		LA R3,13(,R3)	NEXT POSITION IN RECORD 00140*15
00020C	4160 600C		0000C	239		LA R6,L'MCDIR(0,R6)	NEXT DIRECTORY ENTRY 00141*15
				240		DROP R4	00142*24
000210	4A40 4000		00000	242	A040	AH R4,0(0,R4)	ADD FIELD LENGTH TO GET NEXT FIELD 00144*15
000214	1942			243		CR R4,R2	PAST END 00145*15
000216	47B0 D2C8		002CC	244		BNL A090	BRANCH IF YES 00146*15