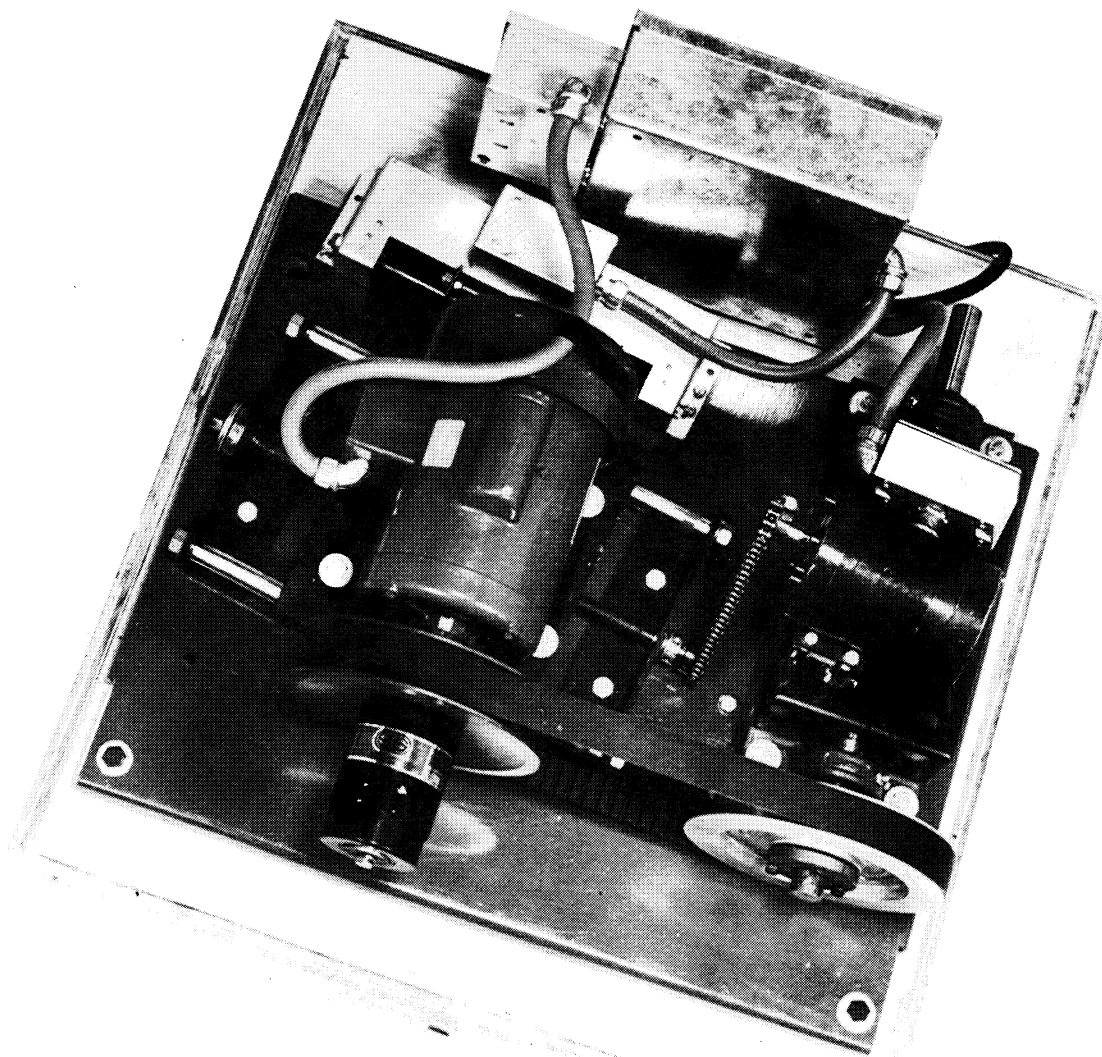




39EM
MODUDRIVE



MODUDRIVE UNIT

39EM

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UNIT SIZE COMPARISON CHART

OLD DESIGN SERVICE UNIT SIZE

15
18
21
26
32
39
48
57
75
90

REFERENCE ONLY FACTORY UNIT SIZE

35
40
45
50
55
60
65
70
75
80

NEW DESIGN SERVICE UNIT SIZE

17
19
23
29
36
39
48
57
75
90



MODUDRIVE UNIT

39EM

ITEM NO.	PART NAME AND DESCRIPTION	REPLACEMENT PART NUMBER	USED ON 39EM											
			15	18	21	26	32							
			17	19	23	29	36	39	48	57	75	90		

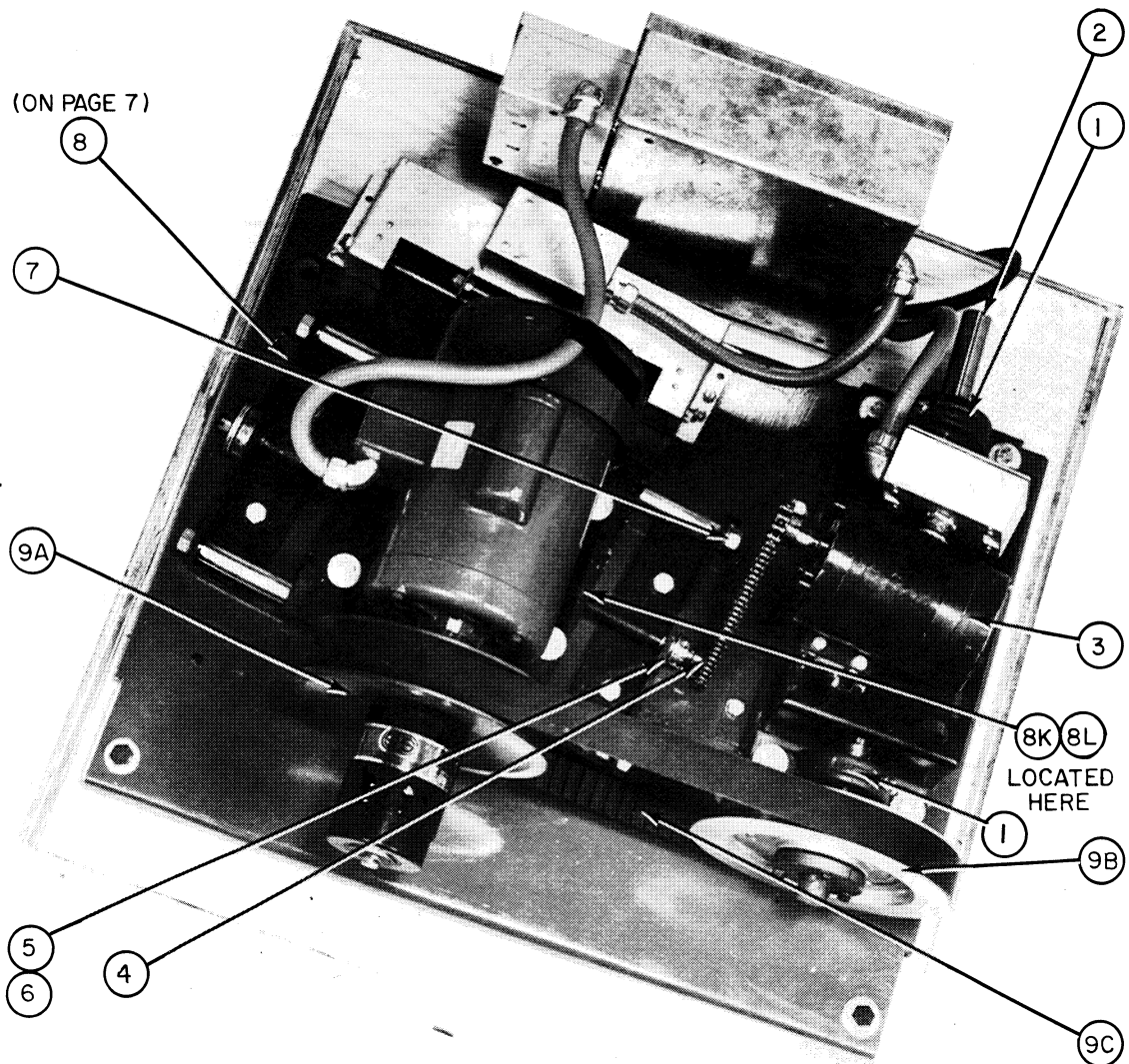
SUB-BASE ASSEMBLY GROUP

LEGEND FOR SUB-BASE ASSEMBLIES:

TYPE	REFERENCE ASSEMBLY NUMBER	HORSEPOWER	HERTZ	SERVICE UNIT SIZE
A	39EM--45-X-164--	3 AND 5	60	17, 19, 23, 29, 36
B	39EM--55-X-164--	7.5 AND 10	60	17, 19, 23, 29, 36, 39, 48
C	39EM--60-X-164--	15 AND 20	60	17, 19, 23, 29, 36, 39, 48, 57, 75, 90
D	39EM--70-X-164--	25	60	29, 36, 39, 48, 57, 75, 90
E	39EM--45-X-364--	3	50	17, 19, 23
F	39EM--55-X-364--	7.5	50	17, 19, 23, 29, 36, 39
G	39EM--60-X-364--	15 AND 20	50	17, 19, 23, 29, 36, 39, 48, 57, 75, 90
H	39EM--55-X-424--	5	50	17, 19, 23, 29, 36
J	39EM--60-X-424--	10	50	17, 19, 23, 29, 36, 39, 48, 57

THE FOLLOWING COMPONENTS ARE FOR THE ABOVE SUB-BASE ASSEMBLIES:

THE FOLLOWING COMPONENTS ARE FOR THE ABOVE SUB-BASE ASSEMBLIES:				TYPE										
				A	B	C	D	E	F	G	H	J		
1	BEARING		--KT--63CZ-082-- --KT--63CZ-109-- --KT--63CZ-123-- --KT--63CZ-131--	2		2			2					
2	JACK SHAFT		39EM--45--1043-- 39EM--55--1043-- 39EM--60--1043-- 39EM--70--1053--	1				1						
3	GEAR MOTOR 60 HZ. 50 HZ.		--HF--33BZ-055-- --HF--33BZ-056--	1	1	1	1							
4	ROLLER CHAIN		39EM--45---122--	1	1	1	1	1	1	1	1	1	1	1
5	SPROCKET 1/2" BORE		--KS--31BB-031--	1	1	1	1	1	1	1	1	1	1	1
6	LOCKING COLLAR 1/2"		--KT--51DZ-040--	1	1	1	1	1	1	1	1	1	1	1
7	SPROCKET 5/8" BORE		--KS--31BB-041--	1	1	1	1	1	1	1	1	1	1	1
8	VARIABLE DRIVE BASE ASSEMBLY		39EM--45---174-- 39EM--55---174-- 39EM--60---174-- 39EM--70---174--	1				1						
	INCLUDES:													
8A	CARRIAGE ASSEMBLY		39EM--45---214-- 39EM--55---214-- 39EM--60---214-- 39EM--70---214--	1				1						
					1				1			1		
						1					1		1	
							1							
8B	CARRIAGE RAIL		39EM--45--1162-- 39EM--55--1162-- 39EM--60--1162-- 39EM--70--1162--	2				2						
					2				2			2		
						2					2		2	
							2							
8C	DRIVE SHAFT		39EM--45---303-- 39EM--55---303-- 39EM--60---303-- 39EM--70---303--	1				1						
					1				1			1		
						1					1		1	
							1							



VARIABLE DRIVE SUB-BASE ASSEMBLY



MODUDRIVE UNIT

39EM

ITEM NO.	PART NAME AND DESCRIPTION	REPLACEMENT PART NUMBER	USED ON 39EM									
			15	18	21	26	32					
			17	19	23	29	36	39	48	57	75	90

SUB-BASE ASSEMBLY GROUP (CONT'D.)

THE FOLLOWING COMPONENTS ARE FOR THE SUB-BASE ASSEMBLIES:			TYPE									
			A	B	C	D	E	F	G	H	J	
8D	FLANGE TYPE FLANGE	--KT--50VB-050--	2	2	2	2	2	2	2	2	2	
8E	SLOTTED HEX NUT 1/2"-13	--AT--22AB-301--	1	1	1	1	1	1	1	1	1	
8F	SPIROL PIN 5/32" X 7/8" LG.	--AX--13AB-235--	1	1	1	1	1	1	1	1	1	
8G	SPACER	--KA--56CT-050--	1	1	1	1	1	1	1	1	1	
8H	WASHER	39EM--45--1152--	1	1	1	1	1	1	1	1	1	
8J	THRUST BEARING	--KT--14HX-080--	1	1	1	1	1	1	1	1	1	
8K	COMPRESSOR BOLT 5/16"-18	--AX--01AU-203--	2	2	2	2	2	2	2	2	2	
8L	DRIVE NUT (PLASTIC)	39EM--45--1352--	1	1	1	1	1	1	1	1	1	
9	VARIABLE DRIVE PACKAGE ASSEMBLY (*)	39EM--45---384-- 39EM--55---384-- 39EM--60---384-- 39EM--70---384-- 39EM--55---414-- 39EM--60---414--	1	1	1	1	1	1	1	1	1	
NOTE (*) WHEN REORDERING PARTS FOR THE DRIVE GROUP, BE SURE TO ORDER THE CORRECT VENDOR PARTS WHICH WERE ORIGINALLY INSTALLED ON THE UNIT. WHETHER IT BE S.S. SPEED SELECTOR OR T.B. WOODS, AS THE PARTS ARE NOT INTERCHANGEABLE BETWEEN VENDORS. EXAMPLE: 39EM--45---384SS; 39EM--45---384W												
INCLUDES:												
9A	VARIABLE SPEED SHEAVE (SPEED SELECTOR)	39EM--45--1154-- 39EM--55--1154-- 39EM--60--1154-- 39EM--70--1154-- 39EM--55--1214-- 39EM--60--1214--	1	1	1	1	1	1	1	1	1	
	VARIABLE SPEED SHEAVE (T.B. WOODS)	39EM--45--1064-- 39EM--55--1064-- 39EM--60--1064-- 39EM--70--1064-- 39EM--60--1204--	1	1	1	1	1	1	1	1	1	
9B	COMPANION SHEAVE (SPEED SELECTOR)	39EM--45--1074-- 39EM--55--1074-- 39EM--60--1164-- 39EM--70--1164--	1	1	1	1	1	1	1	1	1	
	COMPANION SHEAVE (T.B. WOODS)	39EM--45--1084-- 39EM--55--1084-- 39EM--60--1084-- 39EM--70--1084--	1	1	1	1	1	1	1	1	1	



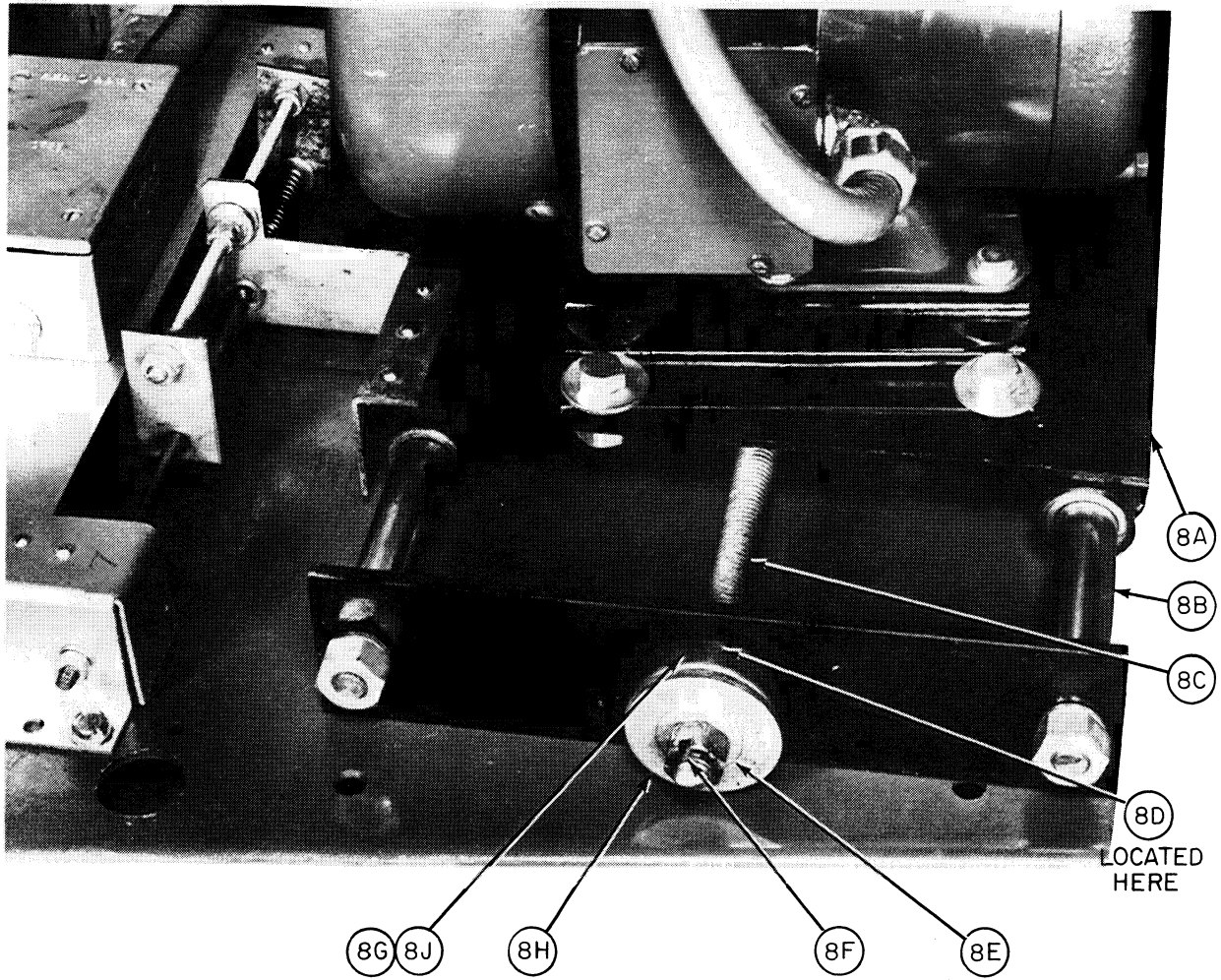
MODUDRIVE UNIT

39EM

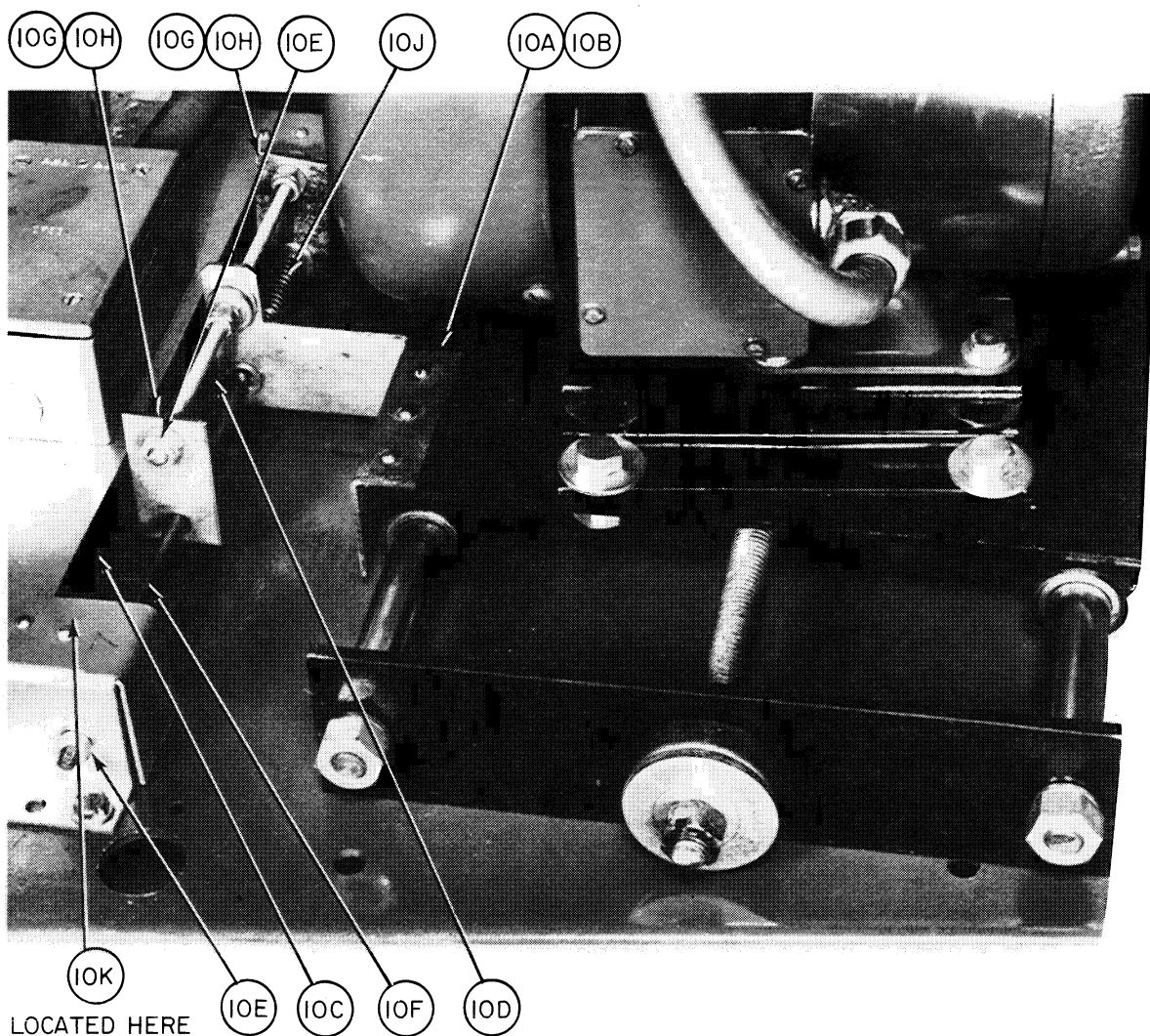
ITEM NO.	PART NAME AND DESCRIPTION	REPLACEMENT PART NUMBER	USED ON 39EM									
			15	18	21	26	32					
			17	19	23	29	36	39	48	57	75	90

SUB-BASE ASSEMBLY GROUP (CONT'D.)

THE FOLLOWING COMPONENTS ARE FOR THE SUB-BASE ASSEMBLIES:			TYPE									
			A	B	C	D	E	F	G	H	J	
9C	VARIABLE SPEED BELT (SPEED SELECTOR)	39EM--45--1094--	1				1			1		
		39EM--55--1094--		1				1			1	
		39EM--60--1094--			1				1			
		39EM--70--1174--				1						
	VARIABLE SPEED BELT (T.B. WOODS)	39EM--45--1104--	1				1					
		39EM--55--1104--		1				1		1		
		39EM--60--1104--			1				1		1	
		39EM--70--1104--				1						
10	LIMIT SWITCH ASSEMBLY	39EM--45---394--	1				1					
		RIGHT-HAND		1				1		1		
		LEFT-HAND		1				1		1		
		RIGHT-HAND			1				1		1	
		LEFT-HAND			1				1		1	
		RIGHT-HAND				1						
		LEFT-HAND				1						
		39EM--70---394--										
	39EM--70---404--											
	INCLUDES:											
10A	LIMIT SWITCH LEVER	39EM--45--1042--	1				1					
		RIGHT-HAND		1				1		1		
		LEFT-HAND		1				1		1		
		RIGHT-HAND			1	1			1		1	
		LEFT-HAND			1	1			1		1	
10B	BEARING LINER 7/16" I.D.	--KT--58BZ-035--	1	1	1	1	1	1	1	1	1	
10C	LIMIT SWITCH BRACKET	39EM--45--1483--	1	1	1	1	1	1	1	1	1	
10D	LIMIT SWITCH ROD	39EM--45--1282--	1	1	1	1	1	1	1	1	1	
10E	LOCK NUT 1/4"-20 (NYLON INSERT)	--AT--56AB-171--	7	7	7	7	7	7	7	7	7	
10F	ACTUATOR ROD	39EM--45--1262--	1	1	1	1	1	1	1	1	1	
10G	ACTUATOR SWITCH	39EM--45--1272--	2	2	2	2	2	2	2	2	2	
10H	BEARING LINER	--KT--58BZ-029--	2	2	2	2	2	2	2	2	2	
10J	COMPRESSOR SPRING	39EM--45--1392--	1	1	1	1	1	1	1	1	1	
10K	PLUNGER ACTUATED SWITCH (MICRO-SWITCH)	--HR--54TE-017--	2	2	2	2	2	2	2	2	2	



VARIABLE DRIVE BASE ASSEMBLY



LIMIT SWITCH ASSEMBLY



MODUDRIVE UNIT

39EM

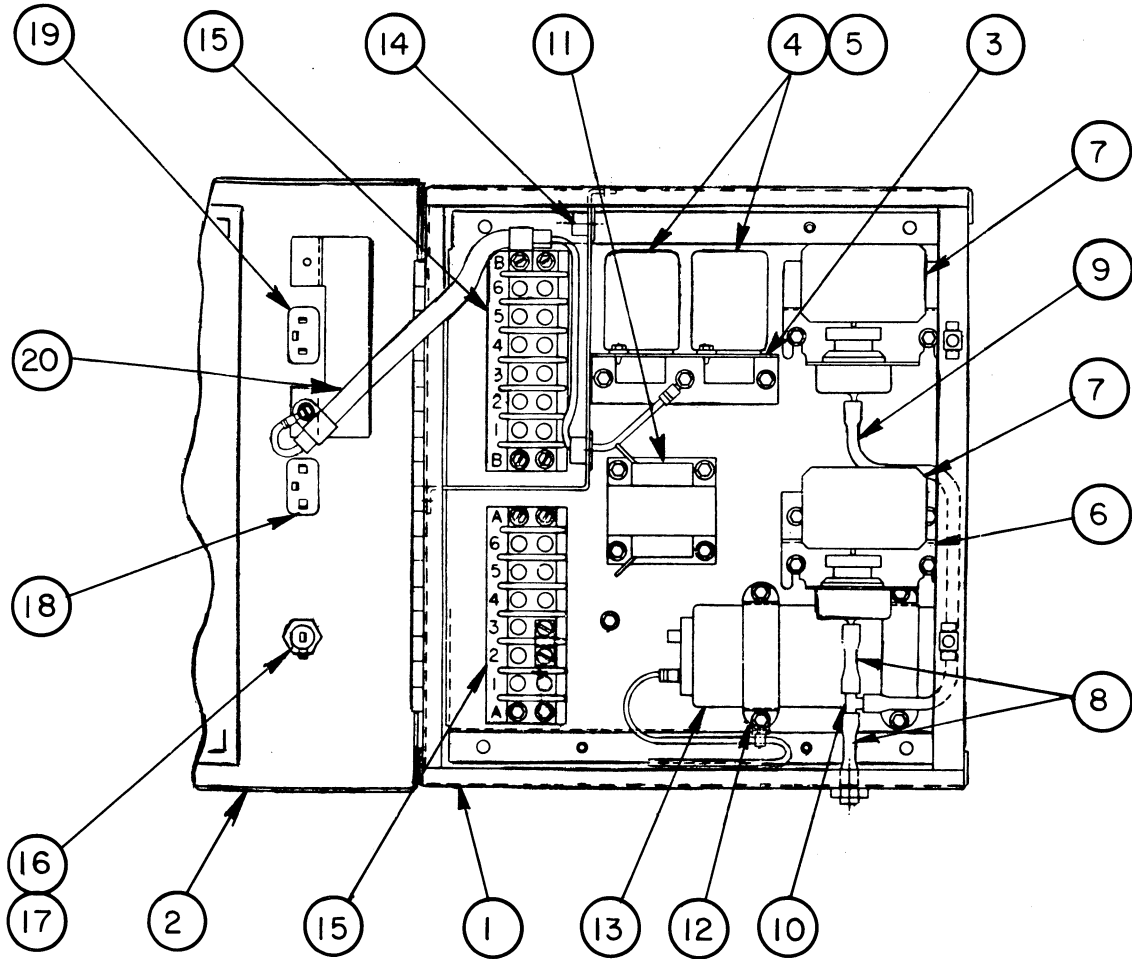
ITEM NO.	PART NAME AND DESCRIPTION	REPLACEMENT PART NUMBER	USED ON 39EM											
			15	18	21	26	32							
			17	19	23	29	36	39	48	57	75	90		

CONTROL BOX ASSEMBLY

LEGEND FOR CONTROL BOX ASSEMBLIES:

TYPE	REFERENCE ASSEMBLY NUMBER	CONTROLS	HERTZ
K	39EM--40---144--	ELECTRIC	60
L	39EM--40---154--	PNEUMATIC	60
M	39EM--40---344--	ELECTRIC	50
N	39EM--40---354--	PNEUMATIC	50

THE FOLLOWING COMPONENTS ARE FOR THE ABOVE CONTROL BOX ASSEMBLIES:			TYPE			
			K	L	M	N
1	CONTROL BOX	39EM--40--1083--	1	1	1	1
2	CONTROL BOX DOOR ASSEMBLY	39EM--40---123--	1	1	1	1
3	RELAY BRACKET	39EM--40--1072--	1	1	1	1
4	RELAY	--HN--61KL-030--	2	2	2	2
5	RELAY RECEPTACLE	--HY--07RB-008--	2	2	2	2
6	SWITCH BRACKET	39EM--40--1082--		1		1
7	PRESSURE SWITCH	--HK--01AC-010--		2		2
8	VINYL TUBE 1/4" O.D. X 1.70" I.D.	39EM--40--1212--		2		2
9	VINYL TUBE 1/4" O.D. X 1.70" I.D.	39EM--40--1232--		1		1
10	UNION TEE	--KA--70BT-250--		1		1
11	TRANSFORMER 60 HZ. 50 HZ.	-----351-----50-- --HT--01AZ-231--	1	1		1
12	CAPACITOR BRACKET	--HC--98ZZ-071--	2	2	2	2
13	CAPACITOR	--HC--91DA-007-- --HC--90BA-005--	1	1		1
14	ELECTRIC SNAP BUSHING	--HY--93NH-030--	2	2	2	2
15	TERMINAL BLOCK	--HY--84FC-112--	2	2	2	2
16	FUSE 1.5 AMP 1.0 AMP	--HY--10FJ-150-- --HY--10FJ-110005	1	1		1
17	FUSE HOLDER	--HY--12FU-021--	1	1	1	1
18	MOMENTARY SWITCH (FS)	--HR--53ED-010--	1	1	1	1
19	TOGGLE SWITCH (MS)	--HR--53ED-011--	1	1	1	1
20	WRING HARNESS ASSEMBLY	39EM--40---133--	1	1	1	1



CONTROL BOX ASSEMBLY