PARTS MANUAL

ELECTRIC N30, 40, 45XMR, N25, 30XMDR, N50XMA

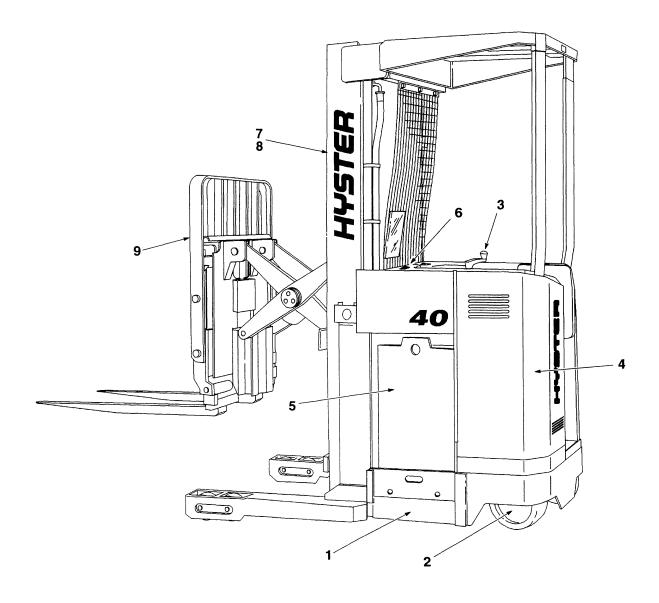
(E138)

CUSTOMER EDITION

HYSTER



ILLUSTRATED CONTENTS



REF.	DIVISION	PAGE
1	Frame	
2	Drive Unit	
3	Steering	
4	Brakes	
5	Electrical	41
6	Hydraulic	
7	Mast-Two Stage-Limited Free Lift	87
8	Mast-Three Stage-Full Free Lift	
9	Carriage	
10	Options	
11	Numerical Index	



DESCRIPTION PAGE	E NO.
BACKREST (Figure 80) FRONT CARRIAGE MOUNT-48 INCH	139
BACKREST (Figure 79) SIDE REACH MOUNT-48 INCH	139
BATTERY CONNECTOR (Figure 40)	66
BRAKE (Figure 19)	36
BRAKE PEDAL AND OPERATOR SENSING SWITCH (Figure 21)	38
BRAKE SYSTEM (Figure 18)	34
CARRIAGE (Figure 69) N50XMA	128
CARRIAGE-INNER FRAME (Figure 68)	124
CARRIAGE-OUTER FRAME-SIDESHIFTER (Figure 65)	118
CARRIAGE-OUTER FRAME-STANDARD (Figure 64)	116
CARRIAGE-SCISSOR-24 INCH REACH (Figure 66)	120
CARRIAGE-SCISSOR-42 INCH REACH (Figure 67)	122
CASTER WHEEL (Figure 6)	14
CHAINS, PINS AND ANCHORS (Figure 59) THREE STAGE (FFL) FULL FREE LIFT	106
CHAINS, PINS AND ANCHORS (Figure 52) TWO STAGE (LFL) LIMITED FREE LIFT	90
CONTACTOR-FORWARD AND REVERSE (Figure 30) LAST USED ON S/N E138H03685U	54
CONTACTOR-FORWARD AND REVERSE "E" (Figure 31) FIRST USED ON S/N E138H03686U	55
CONTACTOR-FORWARD AND REVERSE "EE" (Figure 32) FIRST USED ON S/N E138H03686U	56
CONTACTOR-LIFT (Figure 33)	57
CONTACTOR-MAIN (Figure 29)	53
CONTACTOR PANEL "E" (Figure 24)	44
CONTACTOR PANEL "E" (Figure 25)	46

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DESCRIPTION	NO.
CONTACTOR PANEL "EE" (Figure 26)	48
CONTACTOR PANEL "EE" (Figure 27)	50
CONTACTOR-POWER STEER (Figure 28)	52
CONTROL HANDLE INSTALLATION (Figure 35) (MULTI-FUNCTION WITH SEPARATE LEVERS)	59
CONTROL HANDLE INSTALLATION (Figure 36) (MULTI-FUNCTION WITH OMNITROL LEVER)	60
CYLINDER INSTALLATION (Figure 60) THREE STAGE (FFL) FULL FREE LIFT	108
CYLINDER INSTALLATION (Figure 53) TWO STAGE (LFL) LIMITED FREE LIFT	92
CYLINDER-INTEGRAL SIDESHIFTER (Figure 72) 24 INCH AND 42 INCH REACH	129
CYLINDER-REACH (Figure 70) 24 INCH AND 42 INCH REACH	127
CYLINDER-SIDESHIFTER (Figure 76) HANG-ON	137
CYLINDER-TILT (Figure 71)	128
DC/DC CONVERTER (Figure 86)	148
DRIVE-MASTER (Figure 5)	12
DRIVE UNIT (Figure 7) N30XMR, N40XMR, N25XMDR, N50XMA 14.5:1 GEAR RATIO	16
DRIVE UNIT (Figure 8) N45XMR, N30XMDR 22.8:1 GEAR RATIO	18
ELECTRICAL ARRANGEMENT (Figure 23)	42
ELECTRICAL COMPONENTS (Figure 34) INSTRUMENT DISPLAY PANEL	58
FORKS (Figure 77) HOOK TYPE 1-1/2 4 INCH (40MM 100MM)	138
FORKS (Figure 78) SHAFT TYPE 1-3/4 4 INCH (45MM 100MM)	138



DESCRIPTION PAGE	E NO.
FREE LIFT CYLINDER (Figure 62) THREE STAGE (FFL) FULL FREE LIFT	112
GUARD-OPERATOR (Figure 3) FIRST USED ON S/N E138H0288V	7
GUARD-OPERATOR (Figure 2) LAST USED ON S/N E138H0287V	6
HANG-ON SIDESHIFTER (Figure 75) N50XMA	136
HEADER HOSE (Figure 57) THREE STAGE (FFL) FULL FREE LIFT	98
HEADER HOSE (Figure 73) TWO STAGE (LFL) LIMITED FREE LIFT N50XMA	132
HEADER HOSE (Figure 74) THREE STAGE (FFL) FULL FREE LIFT N50XMA	134
HOOD/COVERS (Figure 1)	2
HYDRAULIC CONTROL VALVE (Figure 43)	72
HYDRAULIC CONTROL VALVE AND FITTINGS (Figure 42)	70
HYDRAULIC SYSTEM (Figure 41)	68
LABELS AND PAINT (Figure 4)	8
LEVER-SEPARATE (Figure 38)	63
LIFT (Figure 51) TWO STAGE (LFL) LIMITED FREE LIFT	88
LIFT LIMIT SWITCH (Figure 55) TWO STAGE (LFL) LIMITED FREE LIFT	94
LIFT LIMIT SWITCH (Figure 63) THREE STAGE (FFL) FULL FREE LIFT	114
LIGHTS (Figure 81)	140
MAIN-FREE LIFT (Figure 58) THREE STAGE (FFL) FULL FREE LIFT	102
MAIN LIFT CYLINDER (Figure 61) THREE STAGE (FFL) FULL FREE LIFT	110



DESCRIPTION PAGE	NO.
MAIN LIFT CYLINDER (Figure 54) TWO STAGE (LFL) LIMITED FREE LIFT	93
MAST-OUTER AND INNER (Figure 50) TWO STAGE (LFL) LIMITED FREE LIFT	86
MAST-OUTER, INTERMEDIATE AND INNER (Figure 56) THREE STAGE (FFL) FULL FREE LIFT	96
MASTER CYLINDER (Figure 22)	39
MOTOR-HYDRAULIC (Figure 49) FIRST USED ON S/N E138H02245U	82
MOTOR-HYDRAULIC (Figure 48) LAST USED ON S/N E138H02244U	80
MOTOR-STEER (Figure 12)	26
MOTOR-STEER/AUXILIARY (Figure 15) "EE" CONSTRUCTION	29
MOTOR-STEER/AUXILIARY (Figure 14) STANDARD "E" CONSTRUCTION	28
MOTOR-TRACTION (Figure 9)	20
MULTI-FUNCTION CONTROL HANDLE (Figure 37) (USED WITH SEPARATE CONTROL LEVERS)	61
MULTI-FUNCTION CONTROL HANDLE (Figure 39) (WITH OMNITROL LEVER)	64
OPERATOR LIGHT AND FAN (Figure 82)	142
POWER STEER ARRANGEMENT (Figure 10)	22
PUMP AND MOTOR-HYDRAULIC (Figure 46)	78
PUMP AND MOTOR-STEER/AUXILIARY (Figure 13)	27
PUMP-HYDRAULIC (Figure 47)	79
PUMP-STEER/AUXILIARY (Figure 16)	30



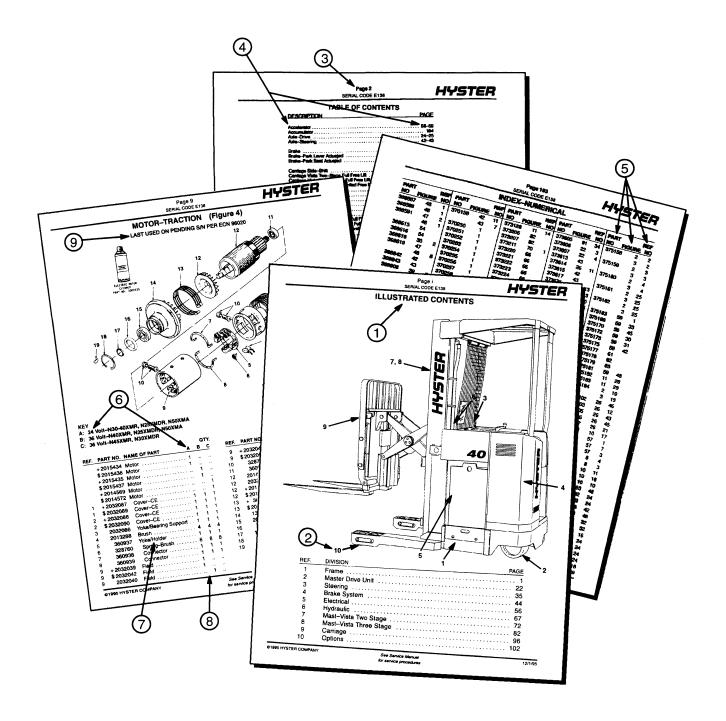
DESCRIPTION PAGE	NO.
PUMP-STEER/AUXILIARY (Figure 17) FIRST USED ON S/N E138N02640U	31
SINGLE LOAD WHEEL (Figure 84)	145
SLAVE CYLINDER (Figure 20)	37
STEER CONTROL UNIT (Figure 11)	24
TANDEM LOAD WHEEL (Figure 83)	144
TANK-HYDRAULIC (Figure 45) FIRST USED ON S/N E138H02886V	76
TANK-HYDRAULIC (Figure 44) LAST USED ON S/N E138H02885V	74



HOW TO USE THE ILLUSTRATED PARTS MANUAL

This Parts manual describes and illustrates assemblies, subassemblies and detail parts needed for service replacement.

The different constructions are indicated by keys, symbols and footnotes.





WHEN THE PART NUMBER AND THE NEXT HIGHER ASSEMBLY IS NOT KNOWN:

- USE: Determine the function and application of the part required. Turn to the Illustrated Contents page immediately behind the front cover, and select the most appropriate area.
- Use the Section Index to determine the assembly which would normally contain the part required. Then locate the part on the assembly breakdown page.

WHEN THE PART NUMBER IS NOT KNOWN AND THE NEXT HIGHER ASSEMBLY IS KNOWN:

- Determine the assembly the required part is used on. Turn to the Table of Contents page immediately following the Illustrated Contents.
- Locate the assembly the required part is used on and turn to the page indicated for that assembly. Proceed then to locate the part on the assembly breakdown page.

WHEN THE PART NUMBER IS KNOWN:

5. Use the Numerical Index to find the part number. Turn to the Figure listed and locate the part as indicated by the reference number.

GENERAL:

The Assembly Breakdowns include part numbers, description, quantities required, keys and footnotes to help in selecting the correct parts.

- 6. Keys are used to show effective serial numbers for two or more similar assemblies, RH and LH assembly parts, etc. Select the appropriate key, "A", "B", "C", or "D" and the corresponding quantity column to find the required parts.
- Indented descriptions under "Name of Part" are used to indicate subparts of assemblies. A major assembly is not indented. Parts under the first, second, or third indent are sub-parts of the major assembly shown above them.
- Quantities shown are for one assembly.
 Note that two assemblies are shown, but the quantities of the subparts are indicated as three and three. This means three per assembly.
- Engineering Change Notice (ECN) numbers for pending serial numbers are shown to allow for the inclusion of the most current parts information. Contact your local Dealer for Hyster Lift Trucks for serial number information listed by ECN number.

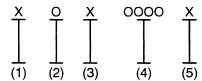
ORDERING PARTS:

When ordering replacement parts, give the unit serial number, part number, name of part and quantity required.

For any further information on parts, service, or ordering, consult your local Dealer for Hyster Lift Trucks.



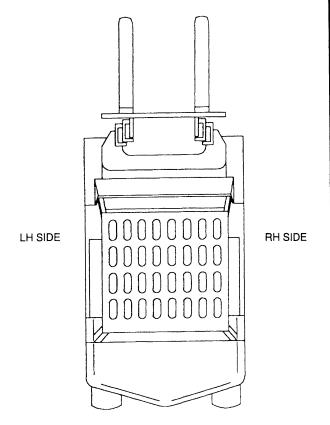
UNIT IDENTIFICATION UNIT S/N



- (1) & (2) The first letter and number denote the design series and model of the unit.
- (3) The second letter denotes the Plant at which the unit was manufactured.
- (4) The number series denotes the serial number of the unit.
- (5) The final letter denotes the year of manufacture starting with "A" in 1957 and 1980. The letters "I", "O", and "Q" will not be used.

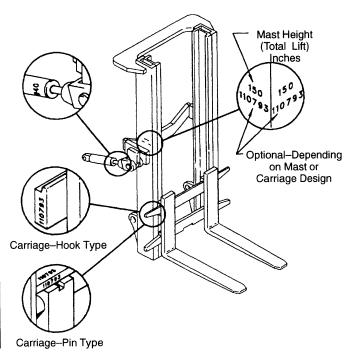
For pending serial numbers contact your local Hyster Dealer.

Parts referred to in this book as right or left hand parts are in accordance with the illustration below.



LIFT EQUIPMENT IDENTIFICATION

- Mast group numbers and total lift heights are stamped on the right hand outer mast approximately four feet from the bottom of the fork. The group numbers include the inner and outer masts, lift cylinder, lift chain and bleeder hoses or pipes.
- 2. The carriage and tilt cylinder numbers are located as shown. Lift cylinder numbers are stamped on the cylinder shell near the bleeder screw or on the chain anchor. Fork part number, capacity rating, plant code letter and date of manufacture are stamped approximately six inches below the top RH side of the forks. Always refer to these group and part numbers when ordering service parts.





PUBLICATIONS

Every new lift truck is provided with at least three publications. These publications are the PARTS MANUAL, the OPERATING MANUAL, and the section of the SERVICE MANUAL called Periodic Maintenance.

The OPERATING MANUAL must always be available on every lift truck. This manual has information that the operator must know for inspection and operation of the lift truck. The section Periodic Maintenance has a

recommended schedule of service intervals and the procedures for servicing the lift truck.

These manuals, other publications and programs are available from your Dealer for Hyster Lift Trucks to help you operate and maintain your lift truck professionally. See the list that follows for reference to items for lift trucks in this PARTS MANUAL.

PUBLICATION	HYSTER PART NUMBER
Operating Manual English (U.S.)	897703
Service Manual (Complete)	
Frame (100 SRM 604)	897847
DC Motor Maintenance (620 SRM 294)	
Drive Unit (630 SRM 613)	
Steering System (1600 SRM 605)	
Steering Control Unit (1600 SRM 54)	910076
Brake System (1800 SRM 606)	897849
Hydraulic System (2000 SRM 607)	897850
Tilt Cylinders (2100 SRM 103)	
Traction Motor Controller (2200 SRM 608)	
Electrical System (2200 SRM 609)	
Industrial Battery (2240 SRM 1)	
Mast Description, 2 and 3 Stage (4000 SRM 521)	
Mast Repairs, 2 and 3 Stage (4000 SRM 522)	
Periodic Maintenance (8000 SRM 578)	
Diagrams (8000 SRM 579)	
Capacities and Specifications (8000 SRM 610)	
Inch (SAE) and Metric Fasteners (8000 SRM 231)	910442
Parts Manual	907522
Operator Training Kit Complete	
Slide Format with Carry Case	500628
1/2" VHS Format with Carry Case	
"Safety is an Attitude" (1/2" VHS)	
"Safety Rules" Playing Cards	
Galety Hules Tlaying Galus	

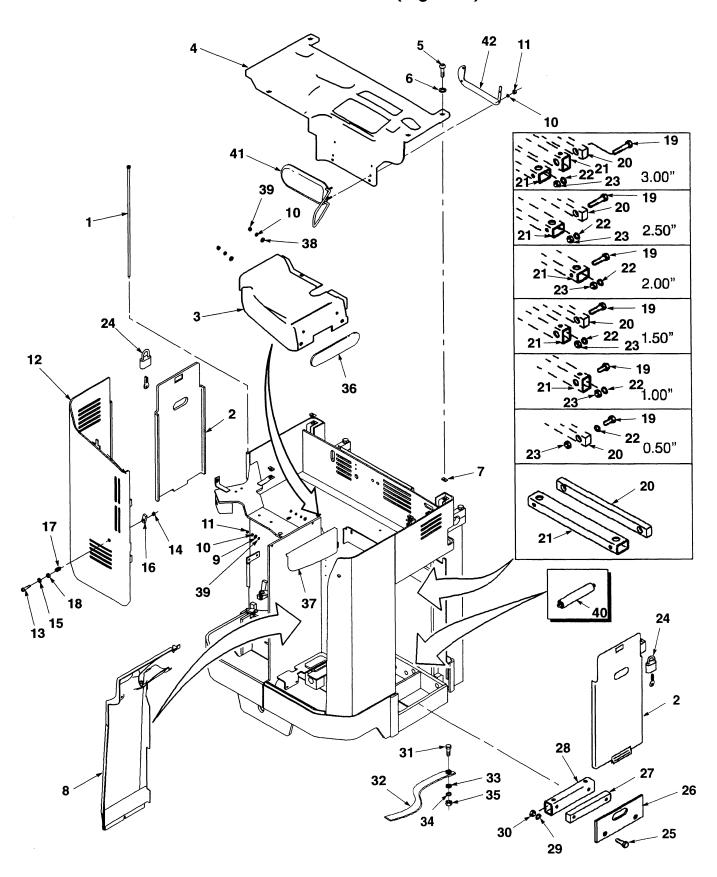


FRAME

DESCRIPTION	PAGE NO
HOOD/COVERS (Figure 1)	
GUARD-OPERATOR (Figure 3) FIRST USED ON S/N E138H0288V	7
GUARD-OPERATOR (Figure 2) LAST USED ON S/N E138H0287V	6
LABELS AND PAINT (Figure 4)	8



HOOD/COVERS (Figure 1)





HOOD/COVERS

KEY

A: N30-40XMR, N25XMDR, N50XMA

B: N45XMR, N30XMDR

		C	XTY.					Q ⁻	TY.
REF.	PART NO.	NAME OF PART A	В	RE	F.	PART NO.	NAME OF PART	A	В
1	2310970	Pin-Hinge 1	1	23	+		Nut		
2		Cover 2	2	24	#	2305060	Padlock	2	2
3	2015032	Drive Unit Cover 1		25	%		Screw		
3	2015033	Drive Unit Cover	1	26	*		Plate	2	2
4	*	Compartment Cover 1	1	27	%		Spacer		
5	17178	Screw 11	11	28	%		Tube		
6	18515	Washer 10	10	29	%		Lockwasher		
7	249668	Clip Nut 11	11	30	%		Nut		
8		Side Cover		31	#		Screw		1
8	1454233	Side Cover	1	32	#	216895	Strap	1	1
9	197068	Washer 2	2	33	#	18515	Washer	2	2
10	15154	Lockwasher 8	8	34	#	15155	Lockwasher	1	1
11	15054	Nut 6	6	35	#	15055	Nut	1	1
12	2013697	Door	••	36		2015341	Pad	1	1
12	2013754	Door	1	37			Pad		1
13		Screw 1	1	38			Washer	_	2
14	145641	Locknut 1	1	39		15000	Jam Nut		4
15	221767	Washer 1	1	40	4		Roller		••
16	2310485	Latch	1	41		2032440	Control Shield	1	1
17		Spring	1	42		2032444	Plate	1	1
18		Tube 1	1						
19	+	Screw 2	2	#	"EE	" Constru			
20	+	Spacer	••	*	F	Battery C	Compartment Chart		
21	+	Tube		+	I	Battery S	Spacer Front to Back Chart		
22	+	Lockwasher		%	F	Battery S	Spacer Side to Side Chart		



HOOD/COVERS

BATTERY COMPARTMENT

REF. NO.	NAME OF PART 1 2 3 4	BATTERY BOX SIZE						
		12.50 in	14.60 in	16.60 in	18.75 in	21.12 in		
2	Cover	2305895	2303689	2303359		_		
4	Compartment Cover	2014964	2014965	2014966	2014967	2014968		
26	Plate	2306123	2303803	2302926	2309424	2302481		
42	Roller	@2303911	@368022	&2302952	&2305145	&2302495		

[@] Requires 5 Rollers

BATTERY SPACER FRONT TO BACK

REF.	PART	NAME OF PART	QUANTITY-TOTAL SPACER REQUIRED						
NO.	NO.	1 2 3 4	0.5 in	1.00 in	1.50 in	2.00 in	2.50 in	3.00 in	
19	18497	Screw	2	2	_	-	_	_	
19	18508	Screw	_	_	2	2	-	-	
19	18513	Screw	-	_	_	_	2	2	
20	2306205	Spacer	1	_	1	_	1	-	
21	2306243	Tube	_	1	1	1	1	2	
22	15155	Lockwasher	2	2	2	2	2	2	
23	15055	Nut	2	2	2	2	2	2	

BATTERY SPACER SIDE TO SIDE

REF.	PART	NAME OF PART	QUANTITY-TOTAL SPACER REQUIRED							
NO.	NO.	1 2 3 4	0.5 in	1.00 in	1.50 in	2.00 in	2.50 in	3.00 in		
25 25	16836 18498	Screw Screw	2 -	4 –	4 	4 -	2 -	_ 4		
27	2308771	Spacer	1	2	1	_	1	2		
28	2307752	Tube	_	_	1	2	2	2		
29	15155	Lockwasher	2	4	4	4	4	4		
30	15055	Nut	2	4	4	4	4	4		

[&]amp; Requires 6 Rollers



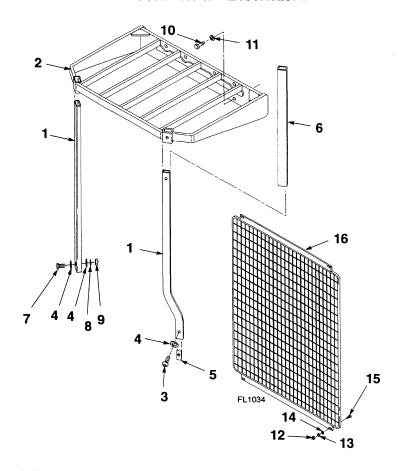
NOTES

·		
	 ····	
Market Committee		



GUARD-OPERATOR (Figure 2)

LAST USED ON S/N E138H0287V



		LIFT HEIGHT TO TOP OF FORKS					
REF. NO.	NAME OF PART 1 2 3 4	89 in	95 inch, 102 inch AND ABOVE	101 in			
1	Post	2014678	2014684	2014689			
16	Guard	2302237	2305603	2309623			

REF.	PART NO.	NAME OF PART QT	<u>Y. R</u>	EF.	PART NO.	NAME OF PART QTY	· •
1	*	Post	2 1	1	221777	Washer	3
2	\$ 2013547	Guard-Overhead	1 1:	2	15054	Nut 4	4
2	% 2013548	Guard-Overhead	1 1	3	15154	Lockwasher	4
2	# 2013549	Guard-Overhead	1 1	4	15127	Washer	4
. 2	& 2013769	Guard-Overhead	1 1	5	18460	Screw	4
2	@ 2013550	Guard-Overhead	1 1	6	*	Guard	1
2	! 2013551	Guard-Overhead	1				
3	18744	Screw	1				
4	221775	Washer	3 *	Œ	Table Above	/e	
5	2014693	Bar-Mounting	1 \$	1	N40 12.50 Inc	ch Battery Compartment	
6	2031025	Guard-Leg Cushion	1 %	1 6	N40 14.60 Inc	ch Battery Compartment	
7	220789	Screw	2 #	1	N40 16.60 Inc	ch Battery Compartment	
8	15159	Lockwasher	2 &	. 1	N45 16.60 Inc	ch Battery Compartment	
9	15059	Nut	2 @	0 1	N45 18.75 Inc	ch Battery Compartment	
10	168054	Screw	6!	ſ	N45 21.12 In	ch Battery Compartment	