

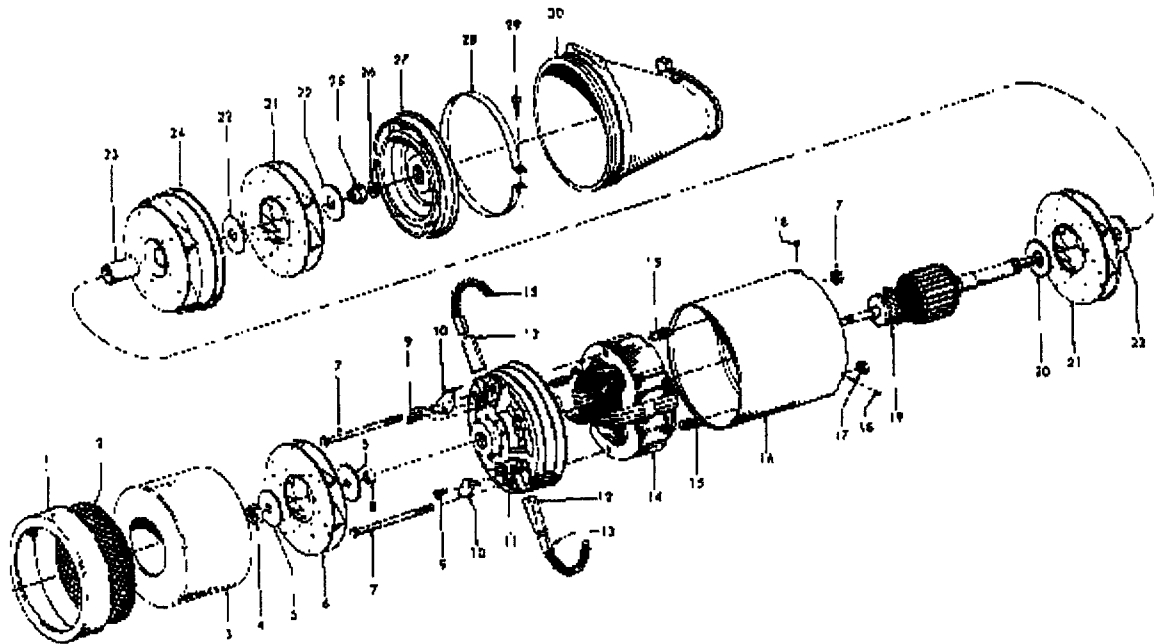
# Shell

# Models 2040, 2048, S3021, S3023

Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
1	160984DR	+ Cord Guide S3021	30	12585	+ Motor Support
	160678DL	+ Cord Reel Housing	31	12518	+ Motor Mount
3	12889	+* Plug	32	160685DN	+ Cover & Partition
4		Blind Rivet	33	13533	+* Screw
5	19765	+* Screw	34	160356	* Terminal
6	160687	+ Bracket	35	160680HH	+ Base Assm.
7	18857	+ Brush Block		160680DN	+ Base Assm. - 2048, S3021, S3023
8	35380	Service Plug	36	12714	+ Hinge Pin
9	19999	+ Ratchet	37	13271	+* Retainer Ring
10	46831015	Cord Reel	38	21772501	Screw
11	46363195	Cord	39	18154	+* Nut
	161390DL	+ Attach. Cord - 2048, S3021, S3023	40	12966	Bag Protector
12	160694	+ Insulator	41	23737202	Caster Wheel
13	21447024	+* Screw	42	160689HH	+ Exhaust Duct Cover
14	160690LL	+ Cover Assm. Comp.		165890DN	+ Exhaust Duct Cover - 2048
	160690DR	+ Cover Assm. Comp. - 2048, S3021 S3023		37232007	+ Exhaust Duct Cover - S3021
				37232012	+ Exhaust Duct Cover - S3023
15	162085	+* Screw	43	34353001	Switch Insulator
16	19772	* Washer	44	13312	Switch Clip
17	12779JM	+ Cover Latch	45	13313	Switch Clip
18	162342	+ Nut	46	12971	Switch
19	14492	Cord Clamp	47	12735	Diffuser
20	14865	+* Screw	48	12736JM	+ Diffuser Door
21	27482227	Strain Relief Bushing	49	12960	+ Sealer
22	13989JM	+ Handle	50	12490	Muffler Liner
23	13022AG	+ Hose Lock	51	48969	* Solderless Connector
24	12506	+ Gasket	52	12174	+ Boot Expander
25	13031	+ Deflector	53	12572	+* Lock Ring
26	4010010J	Throw Away Bag (4 Pk.)	54	17923PY	Carrier Wheel
27	160688LL	+ Pigtail Cord	55	12534	+ Wheel Shaft
28	160683	+ Retainer Spring	56	12693JM	+ Furniture Guard
29	12776	+* Screw			

**Motor**

**Models 2000, 2001, 2010, 2011, 2017, 2040, 2100, 2110, 2120, 2120-01  
2200, 2201, 2204, 2208, 2210, 2260, 2266, S3013, S3103-001,  
S3013-035, S3015, S3015-001, S3021, S3023, S3033, S3033-030**

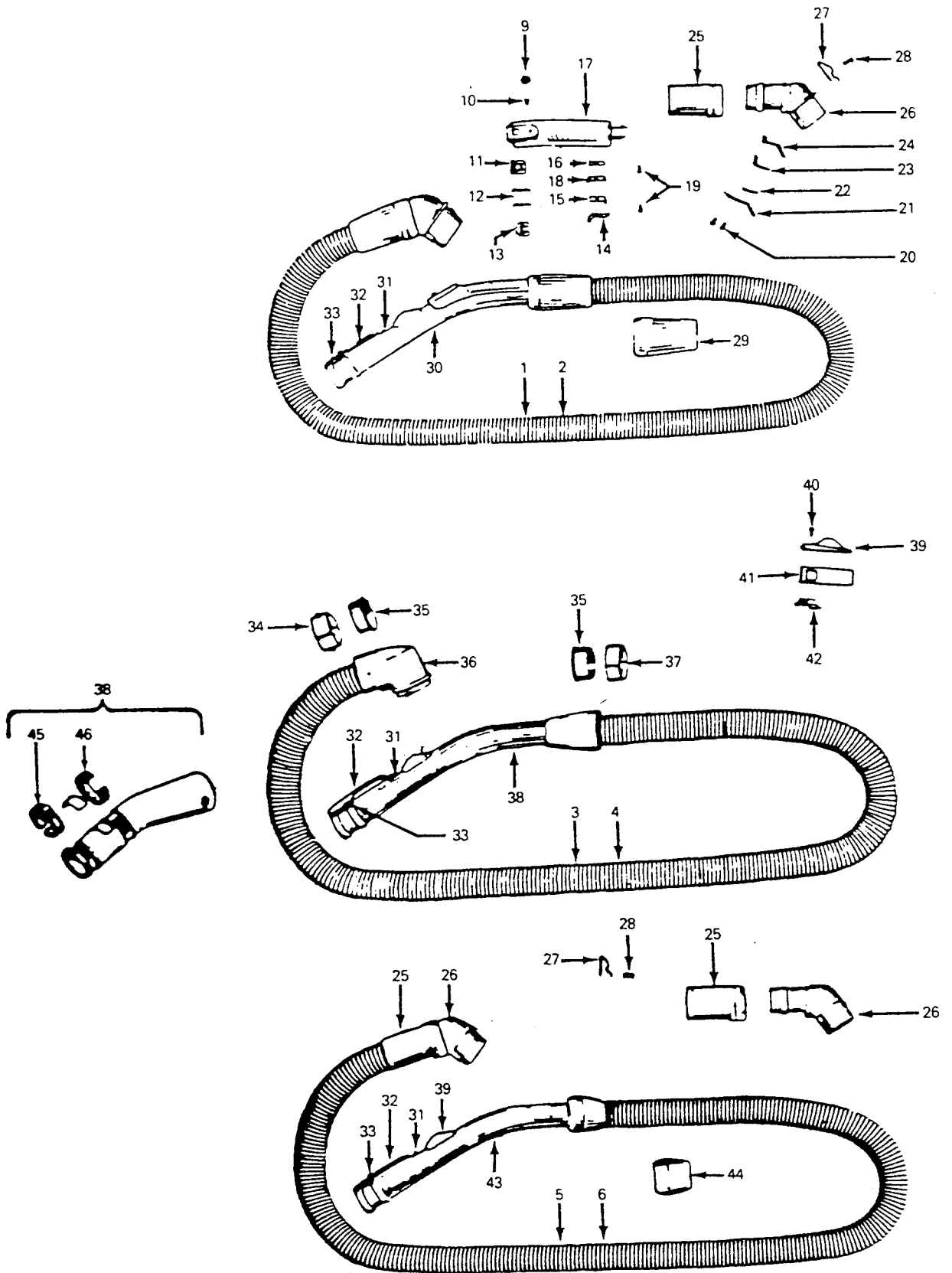


Ref. No.	Part No.	Description
1	12759	+ Filter Retainer - 2000, 2001, 2010
2	16578	+ Secondary Filter - 2000, 2001, 2010
3	163426	Outerstage Housing
4	12028	+ Nut
5	21312701	* Washer (2)
6	43566005	+ Fan
7	12022	Field Lamination Bolt (2)
8	12013	+ Spacer
9	21447028	** Screw (2)
10	12033	+ Motor Brush Retainer (2)
11	12059	Motor Brush Housing Assm.
12	12029	Motor Brush Holder (2)
13	12031	Motor Brush Assm. (2)
14	167677	+ Field Assm.
15	12854	Spring (2)
16	12050	Motor Casing
17	21651037	+ Nut - Special (2)
18	12007	* Pin (3)
19	167673	Armature

Ref. No.	Part No.	Description
20	12003	Fan Spacer
21	43566003	Fan (2)
22	21312700	Washer (3)
23	170055	+ Fan Spacer
24	18656	Interstage Housing
25	12000	Fan Nut
26		Not Applicable
27	12038	+ Motor End Cap Assm.
28	12756	+ Boot Clamp Band
29	12776	+* Screw - Self Tapping
30	12492JM	Exhaust Boot

**ITEMS NOT ILLUSTRATED**

12613	+ Lead Wire
160356	* Terminal
48969	* Solderless Connector
12574	+ Lead Wire (By Foot)



## Hose Assembly

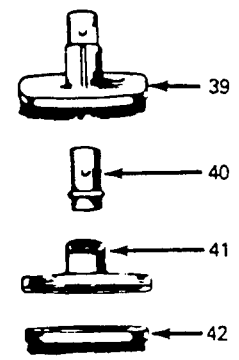
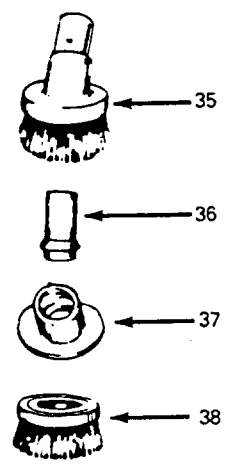
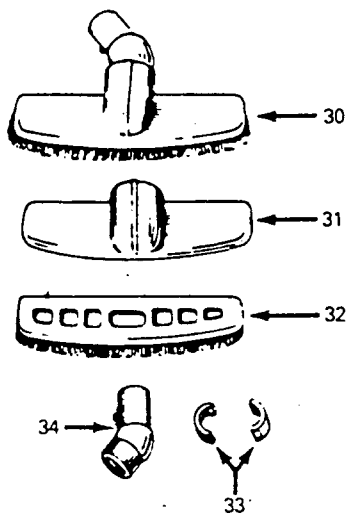
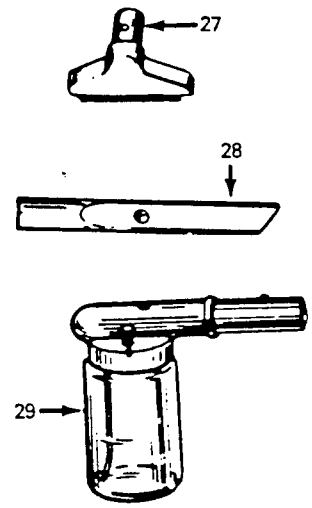
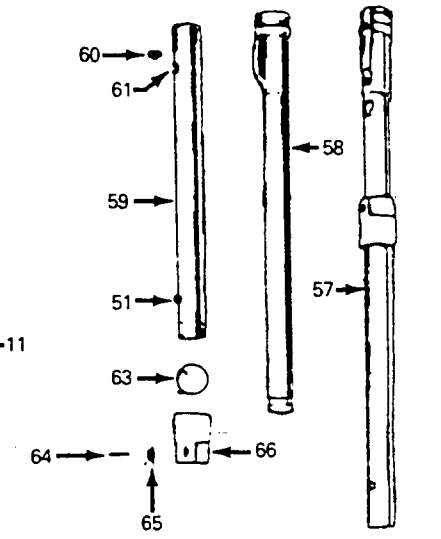
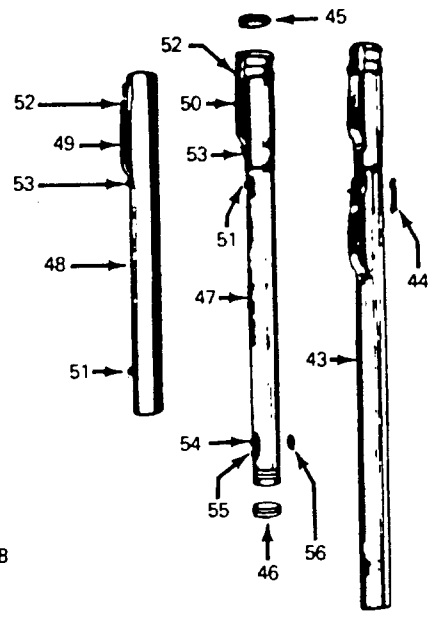
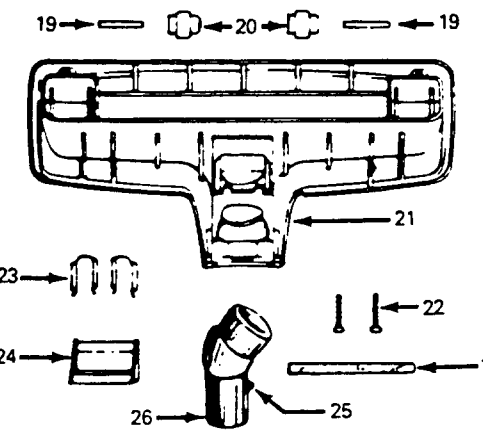
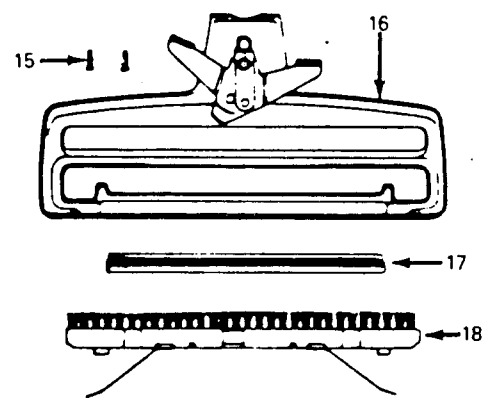
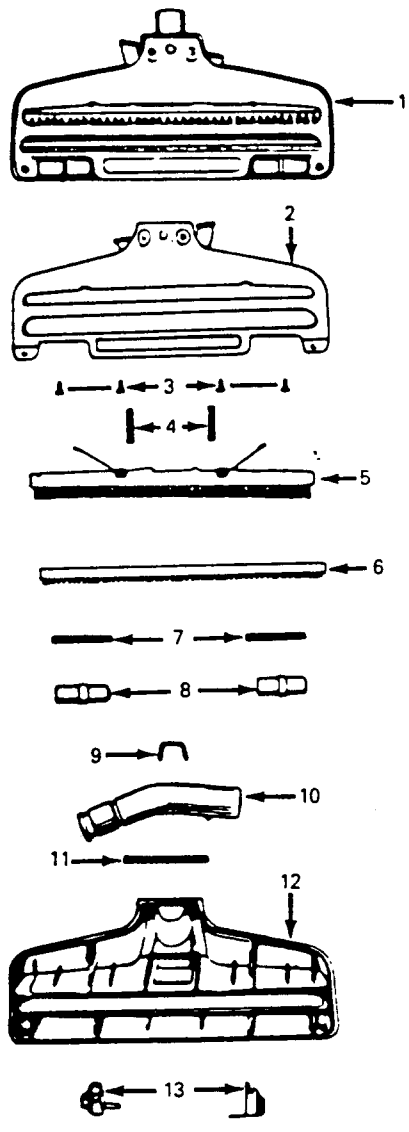
Ref. No.	Part No.	Description
1	11756JM	+ Hose Comp. - Ultraflex - Constellation
2	35123JM	+ Hose - Less Ends - Constellation
3	43438035	Hose Comp. - Portable Canisters
4	43438035	Hose Comp. - Portable Canisters
	23203JM	+ Hose Comp. - Constellation
6	48617JM	+ Hose Less Ends - Constellation
9	48685	+ Medallion - 87
10	48733	+* Screws
11	48876	+ Switch Slide - 87
12	35180	+ Switch Contact - 87
13	23195	+ Switch Terminal Block - 87
14	49041	+* Contact - Top - 87
15	35106	+ Switch Contact - Bottom - 87
16	35183	+ Switch Contact - Bottom - 87
17	48778	+ Switch Control Assm. & Cover - 87
18	35182	+ Contact - Top - 87
19	48735	+* Screw
20	42835	+* Screw
21	48666	+* Contact - Top - 87
22	48667	+* Contact - Lower - 87
23	49042	+* Contact - 87
24	35123	+* Spring - 87
25	23145JM	+ Hose Grip Connector
26	35201JM	+ Hose End Assm.
27	34667	+ Hose Latch Spring
28	48853	+* Rivet
29	23142	+ Hose Guard - 87
30	23159A	+ Hose Tube Curved Assm.
31	12783	+* Rivet
-	-	Not Applicable - S3033-030

## Canister & Portable Cleaners

Ref. No.	Part No.	Description
32	12846AG	Tube latch Not Applicable - S3033-030
33	12772	+* Rivet Not Applicable - S3033-030
34	12615BZ	Hose Connector Collar
35	32156010	Hose Sleeve
36	38641004	Connector End
37	12704BZ	Hose Grip collar
	36116006	Hose Connector Collar - S3033-030
38	43468018	+ Hose Tube - Curved (Aluminum)
	43468019	+ Hose Tube Assm. w/Suction Regulator ( use 43466044)
	43466044	Hose Conn. Curved w/Rings (Plastic)
39	13142AG	Suction Regulator Control Not Applicable - S3033-030
40	13275	+* Screw Not Applicable - S3033-030
41	13588	+ Slide Not Applicable - S3033-030
42	13257BZ	Suction Regulator
43	43468073	Hose Tube - except 87
44	23393JM	Hose Grip - Short
45	36153009	Latch Ring
46	38711006	Suction Control Ring

### ITEMS NOT ILLUSTRATED

51869006	Hose Connector Label (Use in conjunction w/Item 38, S3033-030)
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## Cleaning Tools

Ref. No.	Part No.	Description
1	43414101	+ Rug & Floor Nozzle Comp.
2	42246002	+ Bottom Plate - Edge Cleaning
3	12955	* Screw
4	15963FW	+ Spring
5	13258 16184	+ Brush Back Brush Back Assm. - 2120-01, S3013, S3013-001
6	13259PH	+ Litter Picker
7	13272	+ Shaft
8	13157AG	+ Roller
9	161413	+* Retainer
10	13156T 13156LL 43463012	+ Nozzle Connecting Tube + Nozzle Connecting Tube + Nozzle Connector Tube - JM - 2120- 01, S3013-001
11	13267	+* Gasket
12	38615031 38615156	+ Nozzle - Edge Cleaning Nozzle - JM - 2120-01. S3013-001
13	13261AY	* Rib Shoe
15	808537	+* Screw
16	604477	+ Bottom Plate Assm.
17	714232	+ Litter Picker
18	714256	+ Brush Back Assm.
19	815368	+* Pin
20	815357LL	+ Roller
21	0M114169	Carpet & Floor Nozzle
22	907735	+ Screw
23	714249	+ Shoe
24	612929	+ Tube Retainer - Plastic
25	162331	+ Rivet
26	650110A	+ Connector Tube
27	43414057	Furniture Nozzle
28	38617017	Crevice Tool
29	34462	+ Sprayer Comp.
30	13077JM 43414073	+ Bare Floor Brush Floor Brush Assm.
31	13155	+ Bare Floor Brush (Use w/ 3077JM)
32	13253AG	+ Floor Brush Face
33	13276 33712007	Swivel Bushing - Floor Brush (Use w/13154JM) Split Ring (Use w/38644040)

## Canister & Portable Cleaners

Ref. No.	Part No.	Description
34	13154JM 38644040	+ Floor Brush Swivel & Collar Swivel Connector (Use w/48473025)
35	161851JM 43414064	+ Dusting Brush Dusting Brush (One Piece)
36	13149JM	Nozzle Connector Tube (Use w/ 161851JM)
37	13150LL	+ Nozzle (Use w/ 61851 JM)
38	13263BZ	+ Brush (Use w/ 61851 JM)
39	161852JM 43414016	+ Furniture Brush Comp. Furniture Brush - AG
40	13149JM	Nozzle Connector Tube (Use w/ 161852JM)
41	161852JM	+ Furniture Brush Comp.
42	13254BZ	+ Furniture Brush Back (Use w/ 161852JM)
43	43458001	Ext. Wand
44	43453027	Ext. Wand - S3033-030
45	12589	Tube Guide
46	12845JM	Gasket - Outer
47	12844JM	+ Gasket - Inner
48	12598	+ Ext. Tube - Inner
49	12597	Ext. Tube - Outer
50	36152018	Tube Latch - Outer
51	12846AG	Tube Latch - Inner
52	12763AW	* Rivet
53	12772	+* Rivet
54	12783	+* Rivet
55	12600	* Rivet
56	12824	+* Reinforcement Plate
57	21312704	* Washer
58	34986LL	+ Ext. Tube - Use 43458001
59	48468	+ Ext. Tube - Inner
60	48458	+ Ext. Tube Assm. - Outer
61	48460	+ Guide
62	48460	+* Rivet
63	35015	+ Lock Spring
64	48467	+ Lock Pin
65	35104	+ Tube Lock
66	23016	+ Lock Housing