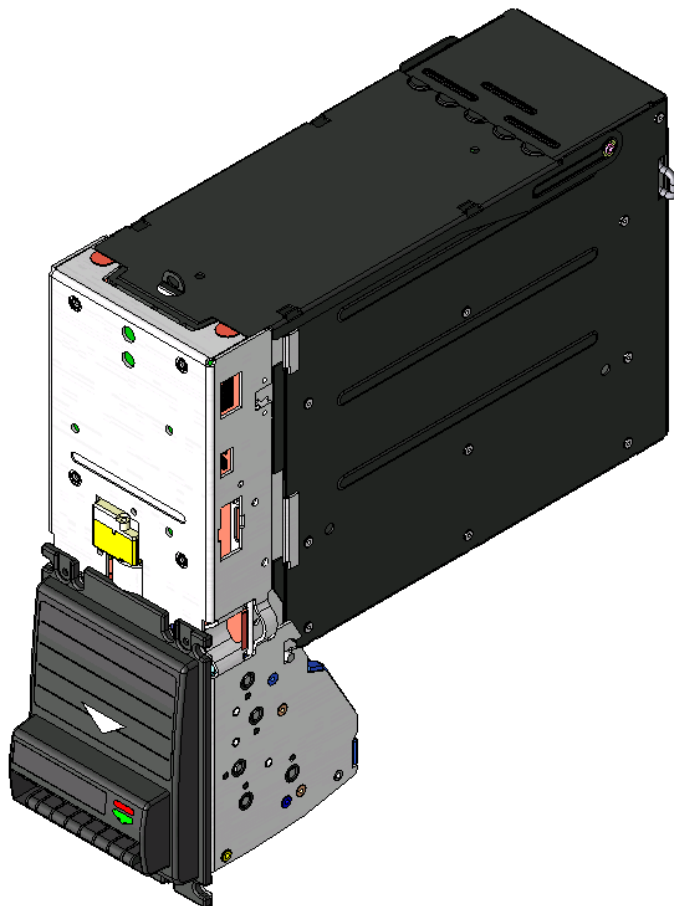
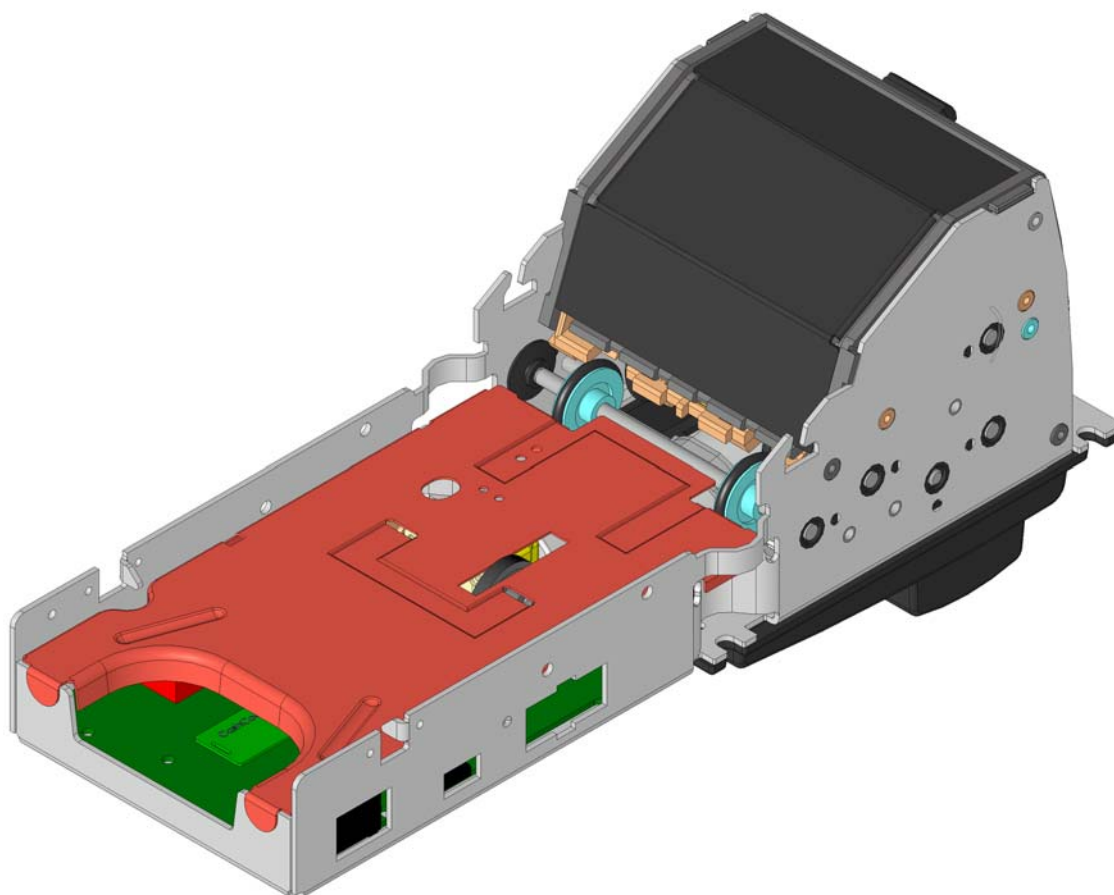


SM BACKLOAD BILL VALIDATOR

Operation and Service Manual

PART 2 TESTING AND REPAIR

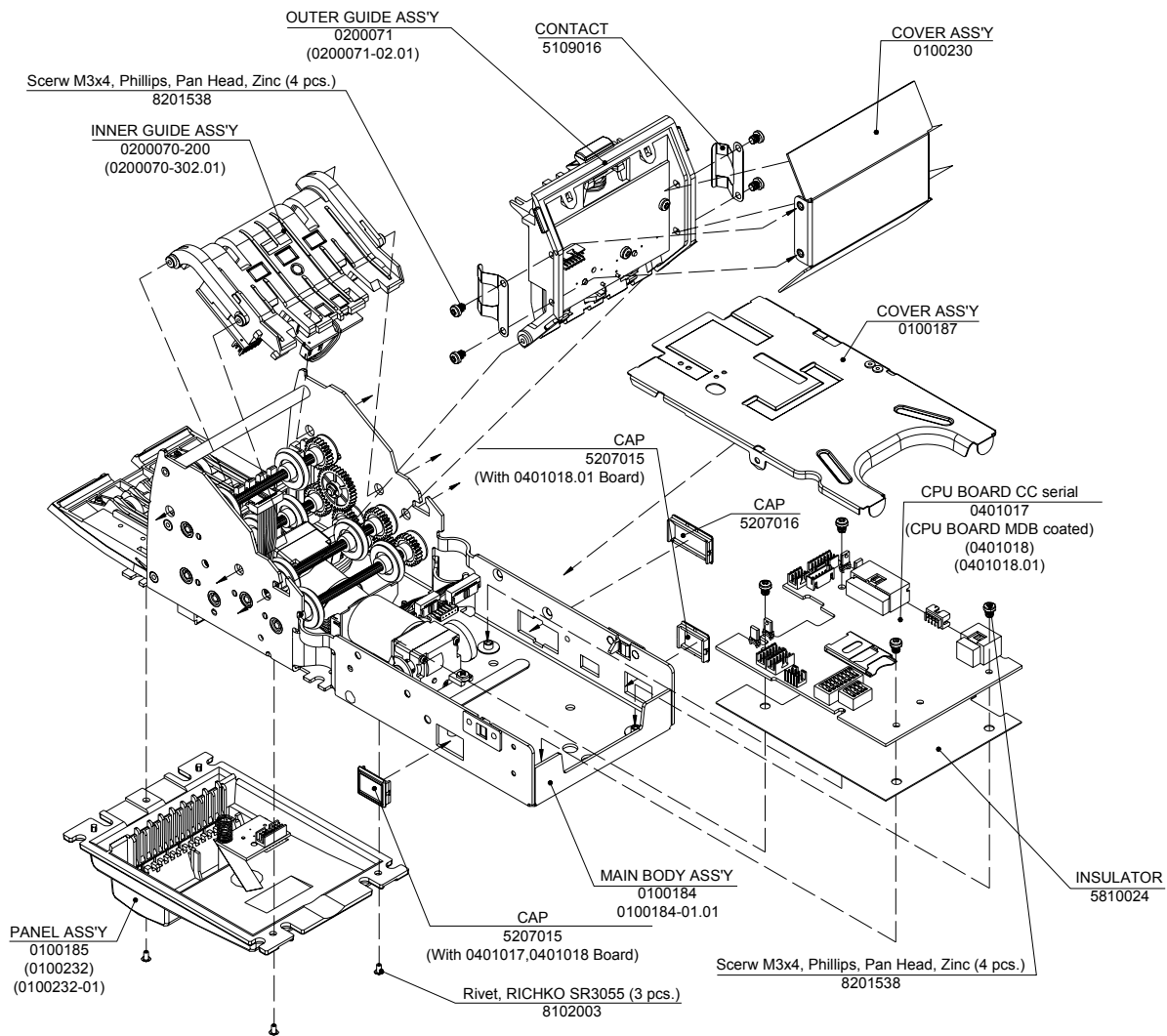


BILL VALIDATOR

CONTENTS

CONTENTS.....	3
Exploded View of Bill Validator with Plastic Bezel	4
LIST OF SPARE PARTS AND ASSEMBLY FOR BILL VALIDATOR WITH PLASTIC BEZEL	5
Exploded View of Bill Validator with Metal Bezel.....	6
LIST OF SPARE PARTS AND ASSEMBLY FOR BILL VALIDATOR WITH METAL BEZEL	7
Exploded View of Main body Assembly (010084, 010084G, 010084-01.01, 010084-01G).....	8
LIST OF SPARE PARTS AND ASSEMBLY FOR MAIN BODY ASS'Y (010084, 010084G, 010084-01, 010084-01G).....	9
Exploded View of Upper Guide Assembly (0200068).....	10
LIST OF SPARE PARTS AND ASSEMBLY FOR UPPER GUIDE ASS'Y (0200068).	10
Exploded View of Lower Guide Assembly (0200069).	11
LIST OF SPARE PARTS AND ASSEMBLY FOR LOWER GUIDE ASS'Y (0200069).	11
Exploded View of Inner Guide Assembly (0200070).	12
LIST OF SPARE PARTS AND ASSEMBLY FOR INNER GUIDE ASS'Y (0200070).	12
Exploded View of Outer Guide Assembly (0200071).....	13
LIST OF SPARE PARTS AND ASSEMBLY FOR OUTER GUIDE ASS'Y (0200071).	13
Exploded View of Transport Motor Assembly (0300065).....	14
LIST OF SPARE PARTS FOR TRANSPORT MOTOR ASS'Y ASS'Y (0300065).	14
Exploded View of Panel Assembly (0100232, 0100232-02).	15
LIST OF SPARE PARTS FOR PANEL ASS'Y (0100232, 0100232-02).....	15
Exploded View of Panel Assembly (0100232-01, 0100232-03).....	16
LIST OF SPARE PARTS FOR PANEL ASS'Y (0100232-01, 0100232-03).....	16
Exploded View of DRIVE CHASSIS ASSEMBLY (0300088).....	17
LIST OF SPARE PARTS FOR DRIVE CHASSIS ASS'Y (0300088).	17
DISASSEMBLY OF BILL VALIDATOR AND SUBASSEMBLIES	18
DISASSEMBLY OF UPPER GUIDE #0200068.....	31
DISASSEMBLY OF LOWER GUIDE #0200069	32
DISASSEMBLY OF INNER GUIDE #0200070	33
DISASSEMBLY OF TRANSPORT MOTOR.....	35
DISASSEMBLY OF DOWN METAL BEZEL 0200232-01	36
DISASSEMBLY OF UP METAL BEZEL 0100232	39
DISASSEMBLY OF DRIVE CHASSIS 0300088	42
DISASSEMBLY OF CASSETTE AND SUBASSEMBLIES	45
DISASSEMBLY OF HOUSING.....	46
DISASSEMBLY OF 170; 400; 600; 1000 CAPACITY CASE AND SUBASSEMBLIES	48
DISASSEMBLY OF 1500 CAPACITY CASE AND SUBASSEMBLIES	52

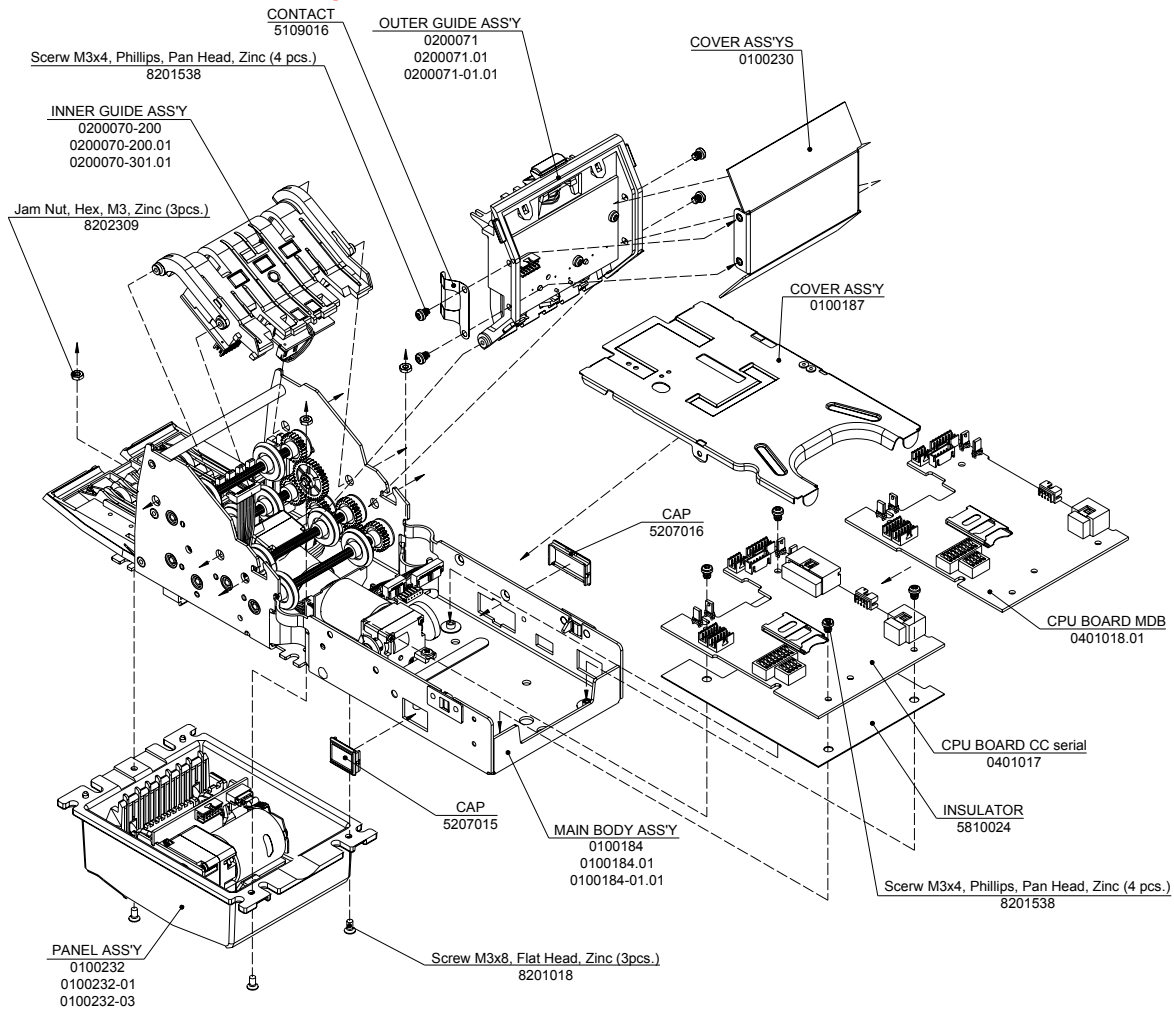
Exploded View of Bill Validator with Plastic Bezel



LIST OF SPARE PARTS AND ASSEMBLY FOR BILL VALIDATOR WITH PLASTIC BEZEL

Item	Part ID #	Part/Assembly Name	Quantity per assembly											
			SM-2005	SM-2006	SM-2007	SM-2008	SM-2013	SM-2017	SM-2018	SM-2019	SM-2020	SM-2021	SM-2033	SM-2034
1	0100184	MAIN BODY ASS'Y	1	1										
1	0100184.01	MAIN BODY ASS'Y						1	1			1		
1	0100184-01	MAIN BODY ASS'Y			1	1							1	
1	0100184-01.01	MAIN BODY ASS'Y								1	1			1
1	0100184G	MAIN BODY ASS'Y					1							
2	0100187	COVER ASS'Y	1	1	1	1	1	1	1	1	1	1	1	1
3	0100230	COVER ASS'Y	1	1	1	1	1	1	1	1	1	1	1	1
4	0100185	PANEL ASS'Y	1	1	1	1	1						1	
4	0100185.01	PANEL ASS'Y						1	1	1	1	1		1
5	0200070-200	INNER GUIDE ASS'Y	1				1							
5	0200070-200.01	INNER GUIDE ASS'Y						1				1		
5	0200070-202	INNER GUIDE ASS'Y		1										
5	0200070-202.01	INNER GUIDE ASS'Y							1					
5	0200070-300	INNER GUIDE ASS'Y			1									
5	0200070-300.01	INNER GUIDE ASS'Y								1				
5	0200070-301	INNER GUIDE ASS'Y											1	
5	0200070-301.01	INNER GUIDE ASS'Y												1
5	0200070-302	INNER GUIDE ASS'Y				1								
5	0200070-302.01	INNER GUIDE ASS'Y									1			
6	0200071	OUTER GUIDE ASS'Y	1		1		1							
6	0200071.01	OUTER GUIDE ASS'Y						1		1		1		
6	0200071-01	OUTER GUIDE ASS'Y											1	
6	0200071-01.01	OUTER GUIDE ASS'Y												1
6	0200071-02	OUTER GUIDE ASS'Y		1		1								
6	0200071-02.01	OUTER GUIDE ASS'Y							1		1			
7	0401017	CPU BOARD CC serial	1	1	1	1	1						1	
7	0401017.01	CPU BOARD CC serial										1		
7	0401018.01	CPU Board MDB coated						1	1	1	1			1
8	5109016	CONTACT	1	1	1	1	1	1	1	1	1	1	1	1
9	5207015	CAP	1	1	1	1	1	1	1	1	1	1	1	1
10	5207016	CAP						1	1	1	1			1
11	5810024	INSULATOR	1	1	1	1	1	1	1	1	1	1	1	1
12	8102003	Richco Snap Rivet SR-3055B RMS#21	3	3	3	3	3	3	3	3	3	3	3	3
13	8201538	Scerw M3x4, Phillips, Pan Head, Zinc	8	8	8	8	8	8	8	8	8	8	8	8

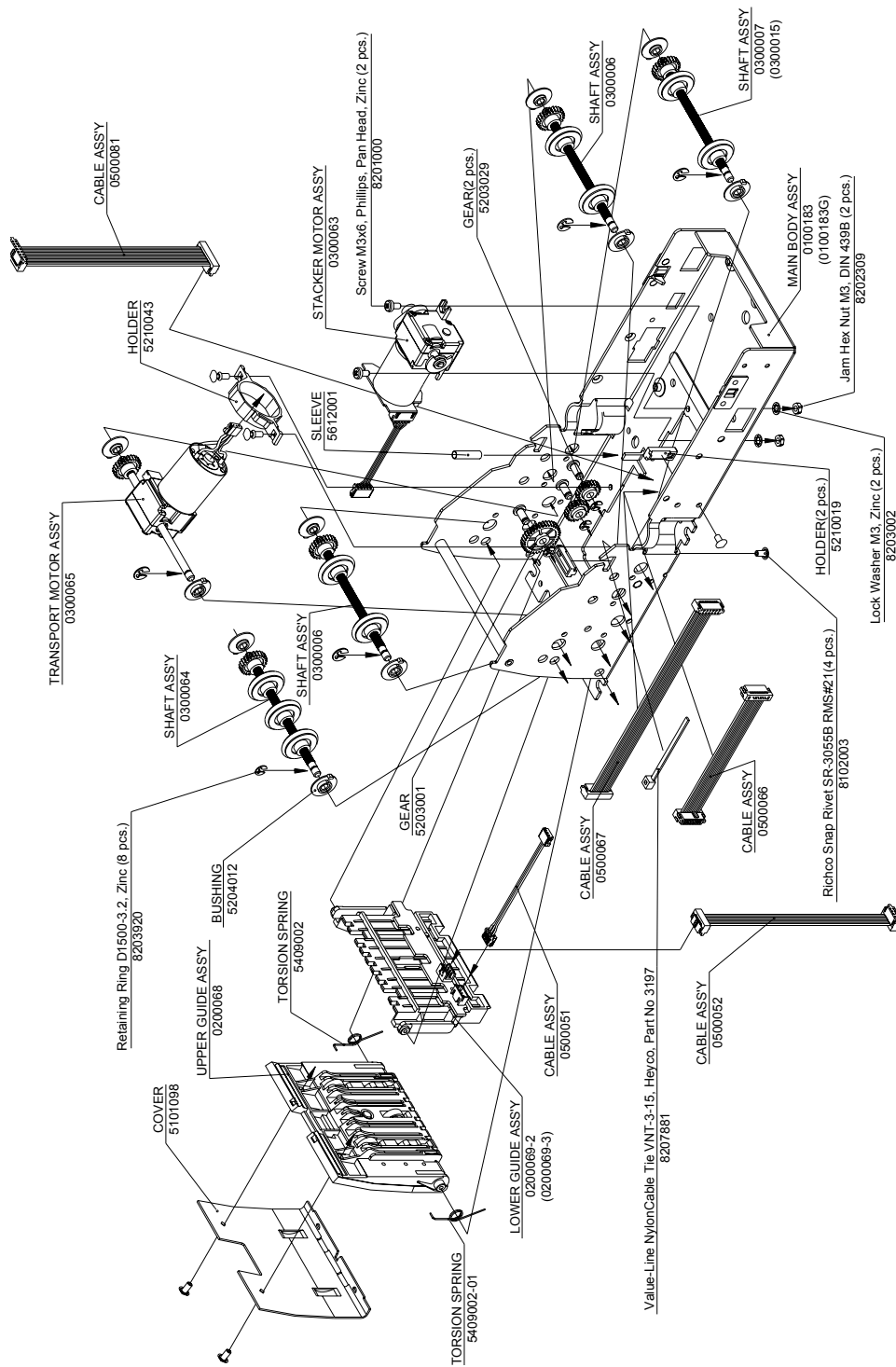
Exploded View of Bill Validator with Metal Bezel



LIST OF SPARE PARTS AND ASSEMBLY FOR BILL VALIDATOR WITH METAL BEZEL

Item	Part ID #	Part/Assembly Name	Quantity per assembly						
			SM-2105	SM-2117	SM-2134	SM-2155	SM-2205	SM-2217	SM-2234
1	0100184	MAIN BODY ASS'Y	1			1	1		
1	0100184.01	MAIN BODY ASS'Y		1				1	
1	0100184-01.01	MAIN BODY ASS'Y			1				1
2	0100187	COVER ASS'Y	1	1	1	1	1	1	1
3	0100230	COVER ASS'Y	1	1	1	1	1	1	1
4	0100232	PANEL ASS'Y					1	1	1
4	0100232-01	PANEL ASS'Y	1	1	1				
4	0100232-03	PANEL ASS'Y				1			
5	0200070-200	INNER GUIDE ASS'Y	1			1	1		
5	0200070-200.01	INNER GUIDE ASS'Y		1				1	
5	0200070-301.01	INNER GUIDE ASS'Y			1				1
6	0200071	OUTER GUIDE ASS'Y	1			1	1		
6	0200071.01	OUTER GUIDE ASS'Y		1				1	
6	0200071-01.01	OUTER GUIDE ASS'Y			1				1
7	0401017	CPU BOARD CC serial	1			1	1		
7	0401018.01	CPU BOARD MDB		1	1			1	1
8	5109016	CONTACT	1	1	1	1	1	1	1
9	5207015	CAP	1	1	1	1	1	1	1
10	5207016	CAP		1	1			1	1
11	5810024	INSULATOR	1	1	1	1	1	1	1
12	8202309	Jam Nut, Hex, M3, Zinc	3	3	3	3	3	3	3
13	8201538	Screw M3x4, Phillips, Pan Head, Zinc	8	8	8	8	8	8	8
14	8201018	Screw M3x8, Flat Head, Zinc	3	3	3	3	3	3	3

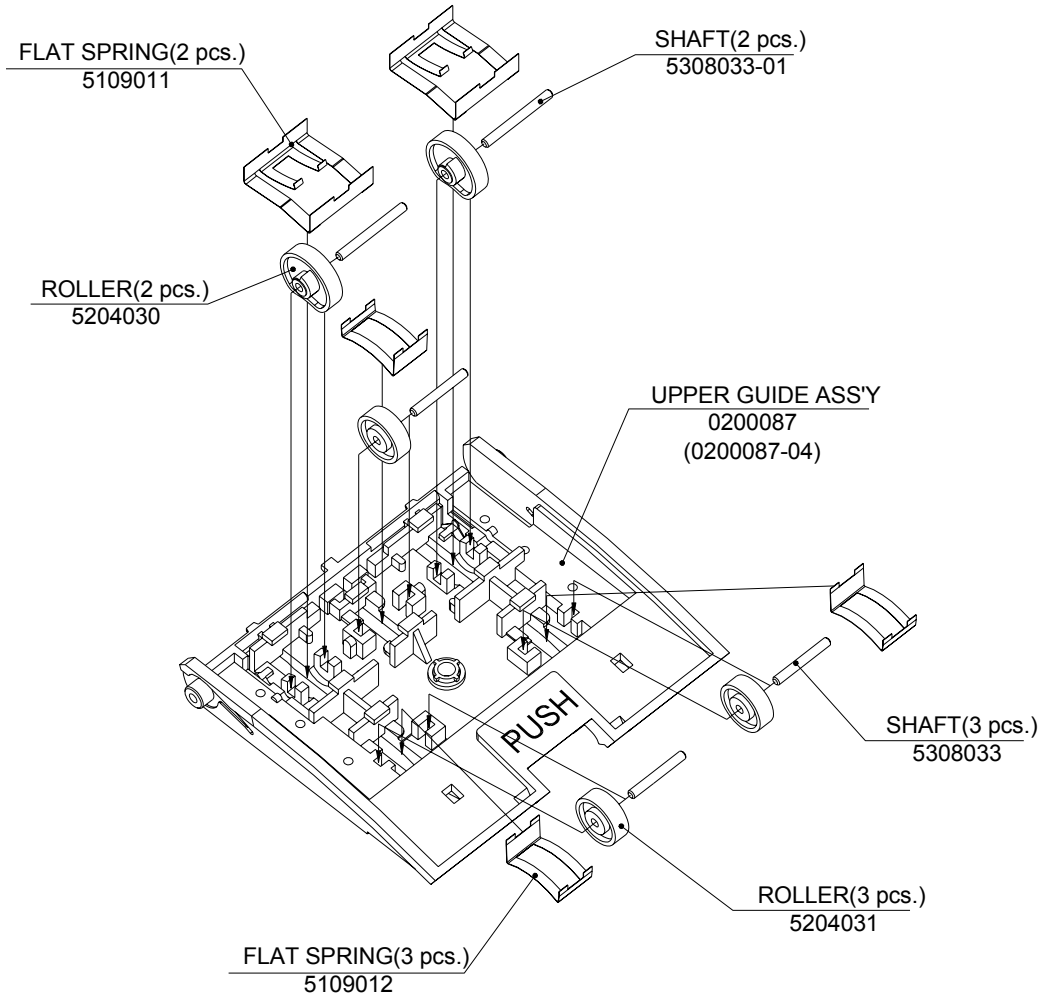
Exploded View of Main body Assembly (010084, 010084G, 010084-01.01, 010084-01G).



LIST OF SPARE PARTS AND ASSEMBLY FOR MAIN BODY ASS'Y (010084, 010084G, 010084-01, 010084-01G).

Item	Part ID #	Part/Assembly Name	Quantity per assembly			
			0100184	0100184G	0100184-01	0100184-01G
1	0500051	CABLE ASS'Y	1	1	1	1
2	0500052	CABLE ASS'Y	1	1	1	1
3	0300063	STACKER MOTOR ASS'Y	1	1	1	1
4	0300064	SHAFT ASS'Y	1	1	1	1
5	0100183	MAIN BODY ASS'Y	1		1	
5	0100183G	MAIN BODY ASS'Y		1		1
6	0300065	TRANSPORT MOTOR ASS'Y	1	1	1	1
7	0200068	UPPER GUIDE ASS'Y	1	1	1	1
8	0200069-2	LOWER GUIDE ASS'Y	1	1		
8	0200069-3	LOWER GUIDE ASS'Y			1	1
9	0500067	CABLE ASS'Y	1	1	1	1
10	0500066	CABLE ASS'Y	1	1	1	1
11	0500081	CABLE ASS'Y	1	1	1	1
12	0300006	SHAFT ASS'Y	2	2	2	2
13	0300007	SHAFT ASS'Y	1	1		
13	0300015	SHAFT ASS'Y			1	1
14	5204012	BUSHING	10	10	10	10
15	5101098	COVER	1	1	1	1
16	5210019	HOLDER	2	2	2	2
17	5203029	GEAR	2	2	2	2
18	5203001	GEAR	1	1	1	1
19	5409002	TORSION SPRING	1	1	1	1
20	5409002-01	TORSION SPRING	1	1	1	1
21	5210043	HOLDER	1	1	1	1
22	5612001	SLEEVE	1	1	1	1
23	8202309	Jam Hex Nut M3, DIN 439B	1	1	1	1
24	8203920	Retaining Ring D1500-3.2, Zinc	8	8	8	8
25	8102003	Richco Snap Rivet SR-3055B RMS#21	6	6	6	6
26	8201000	Screw M3x6, Phillips, Pan Head, Zinc	2	2	2	2
27	8203002	Lock Washer M3, Zinc	2	2	2	2
29	8207881	Value-Line Nylon Cable Tie VNT-3-15, Heyco, Part No 3197	1	1	1	1

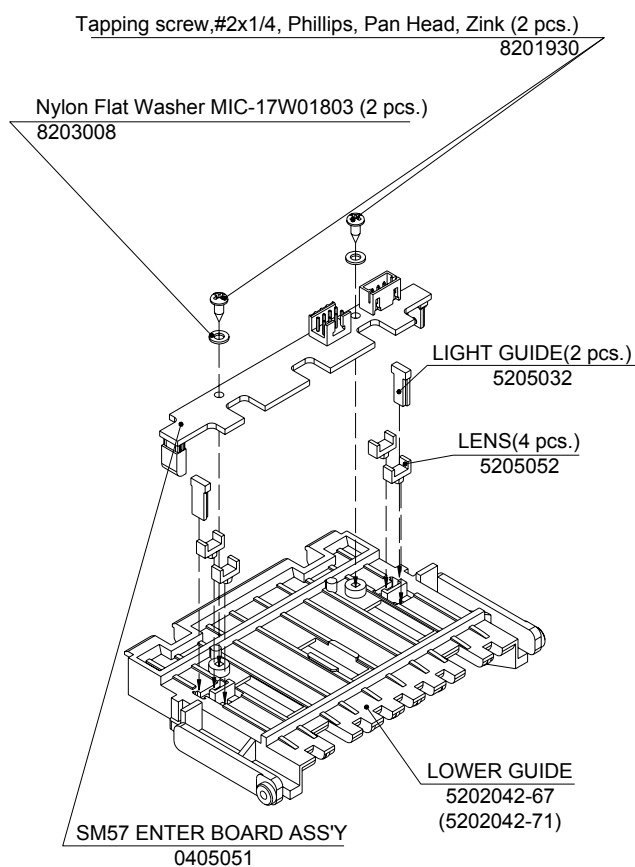
Exploded View of Upper Guide Assembly (0200068).



LIST OF SPARE PARTS AND ASSEMBLY FOR UPPER GUIDE ASS'Y (0200068).

Item	Part ID #	Part/Assembly Name
1	0200087	UPPER GUIDE ASS'Y
2	5204030	ROLLER
3	5109011	FLAT SPRING
4	5308033	SHAFT
5	5308033-01	SHAFT
6	5204031	ROLLER
7	5109012	FLAT SPRING

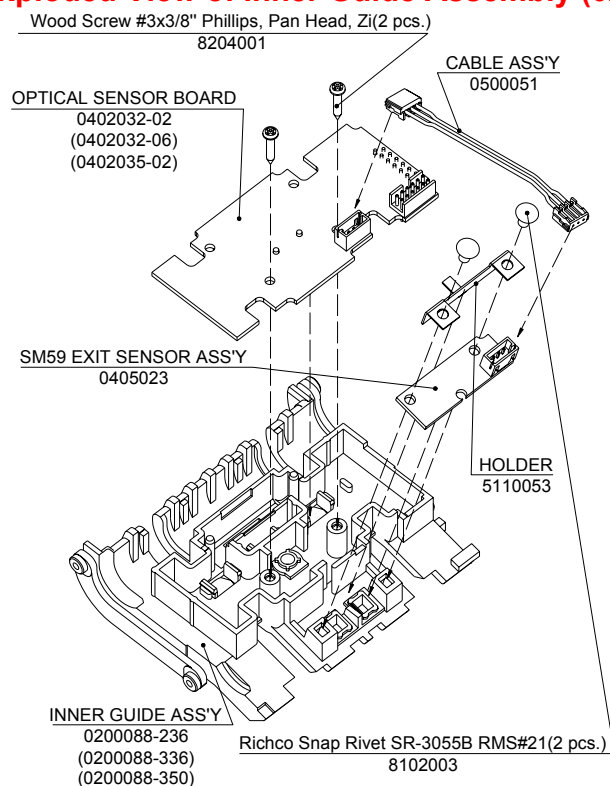
Exploded View of Lower Guide Assembly (0200069).



LIST OF SPARE PARTS AND ASSEMBLY FOR LOWER GUIDE ASS'Y (0200069).

Item	Part ID #	Part/Assembly Name	Quantity per assembly	
			0200069-2	0200069-3
1	0405051	SM57 ENTER BOARD ASS'Y	1	1
2	5202042-67	LOWER GUIDE	1	
2	5202042-71	LOWER GUIDE		1
3	5205052	LENS	4	4
4	5205032	LIGHT GUIDE	2	2
5	8201930	Tapping screw, #2x1/4, Phillips, Pan Head, Zink	2	2
6	8203008	Nylon Flat Washer MIC-17W01803	2	2

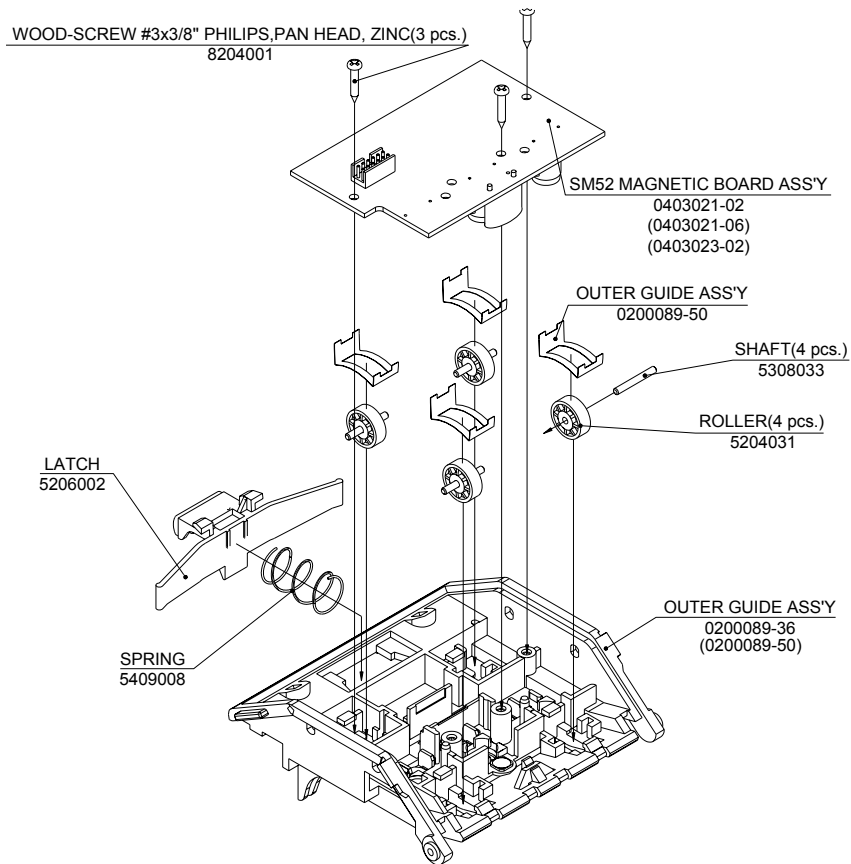
Exploded View of Inner Guide Assembly (0200070).



LIST OF SPARE PARTS AND ASSEMBLY FOR INNER GUIDE ASS'Y (0200070).

Item	Part ID #	Part/Assembly Name	Quantity per assembly				
			0200070-200	0200070-202	0200070-300	0200070-301	0200070-302
1	0500051	CABLE ASS'Y	1	1	1	1	1
2	0402032-02	OPTICAL SENSOR BOARD	1		1		
2	0402032-06	OPTICAL SENSOR BOARD		1			1
2	0402035-02	OPTICAL SENSOR BOARD				1	
3	0405023	SM59 EXIT SENSOR ASS'Y	1	1	1	1	1
4	0200088-236	INNER GUIDE ASS'Y	1	1			
4	0200088-336	INNER GUIDE ASS'Y			1		1
4	0200088-350	INNER GUIDE ASS'Y				1	
5	5110053	HOLDER	1	1	1	1	1
6	8102003	Richco Snap Rivet SR-3055B RMS#21	2	2	2	2	2
7	8204001	Wood Screw #3x3/8" Phillips, Pan Head, Zi	2	2	2	2	2

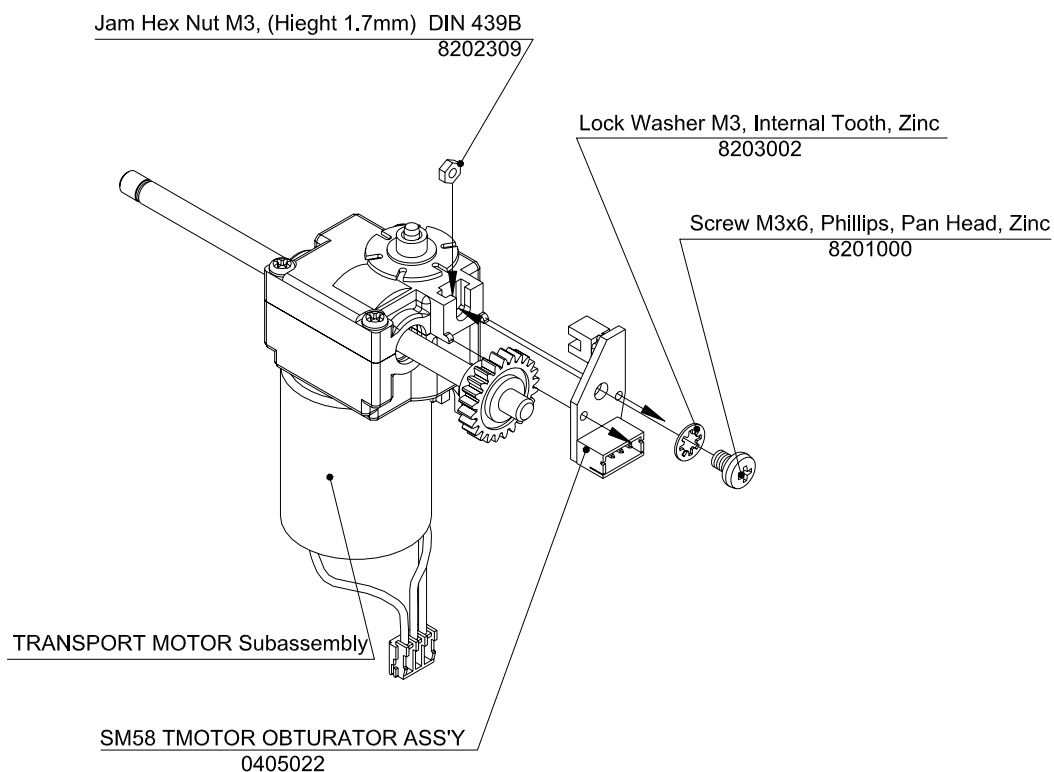
Exploded View of Outer Guide Assembly (0200071).



LIST OF SPARE PARTS AND ASSEMBLY FOR OUTER GUIDE ASS'Y (0200071).

Item	Part ID #	Part/Assembly Name	Quantity per assembly		
			0200071	0200071-01	0200071-02
1	0403021-02	SM52 MAGNETIC BOARD ASS'Y	1		
1	0403021-06	SM52 MAGNETIC BOARD ASS'Y			1
1	0403023-02	SM52 MAGNETIC BOARD ASS'Y		1	
2	0200089-36	OUTER GUIDE ASS'Y	1		1
5	0200089-50	OUTER GUIDE ASS'Y		1	
3	5308033	SHAFT	4	4	4
4	5204031	ROLLER	4	4	4
5	5109012	FLAT SPRING	4	4	4
6	5206002	LATCH	1	1	1
7	5409008	SPRING	1	1	1
8	8204001	WOOD-SCREW #3x3/8" PHILIPS,PAN HEAD, ZINC	3	3	3

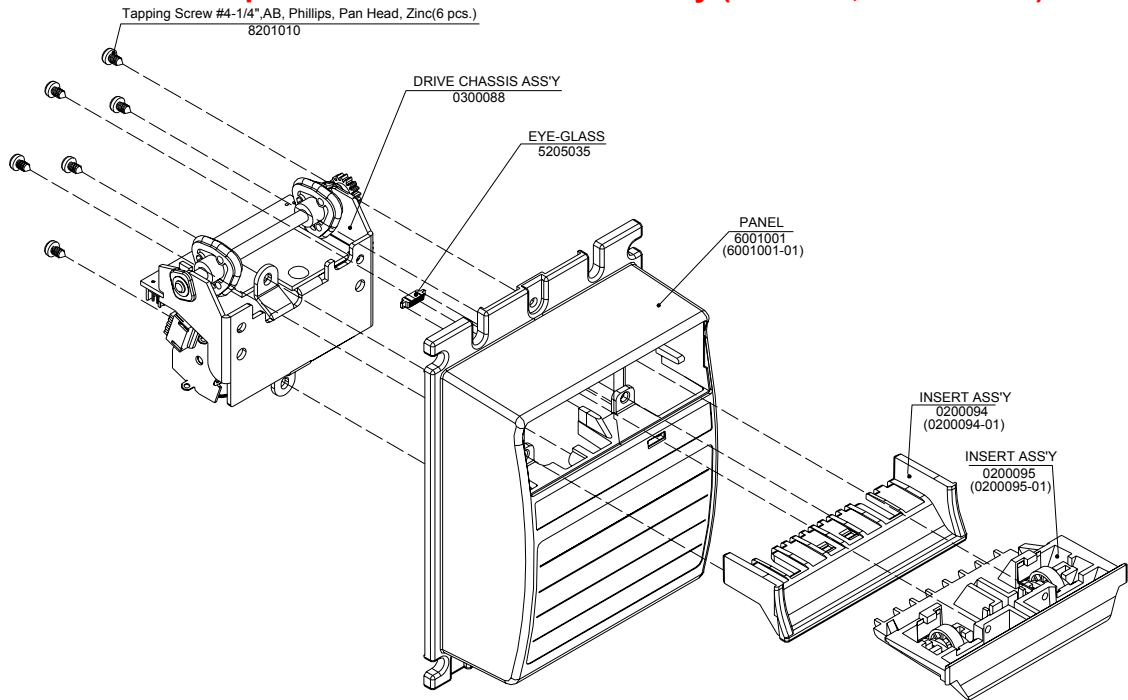
Exploded View of Transport Motor Assembly (0300065).



LIST OF SPARE PARTS FOR TRANSPORT MOTOR ASS'Y ASS'Y (0300065).

Item	Part ID #	Part/Assembly Name	Quantity
1	0300066	DRIVE ASS'Y	1
2	0500054	CABLE ASS'Y	1
3	0405022	SM58 TMOTOR OBTURATOR ASS'Y	1
4	5612004	SLEEVE, Alpha PVC Tubing Nom. Inside Dia 2.41(0.095"), Part No PVC-105-11, L=8mm.	2
5	5612009	SLEEVE, Alpha PVC Tubing Nom. Inside Dia 3.00(0.118"), Part No PVC-105-9, L=8mm.	1
6	5110004	CONTACT	1
7	8202309	Jam Hex Nut M3, (Hieght 1.7mm) DIN 439B	1
8	8201000	Screw M3x6, Phillips, Pan Head, Zinc	1
9	8203002	Lock Washer M3, Internal Tooth, Zinc	1

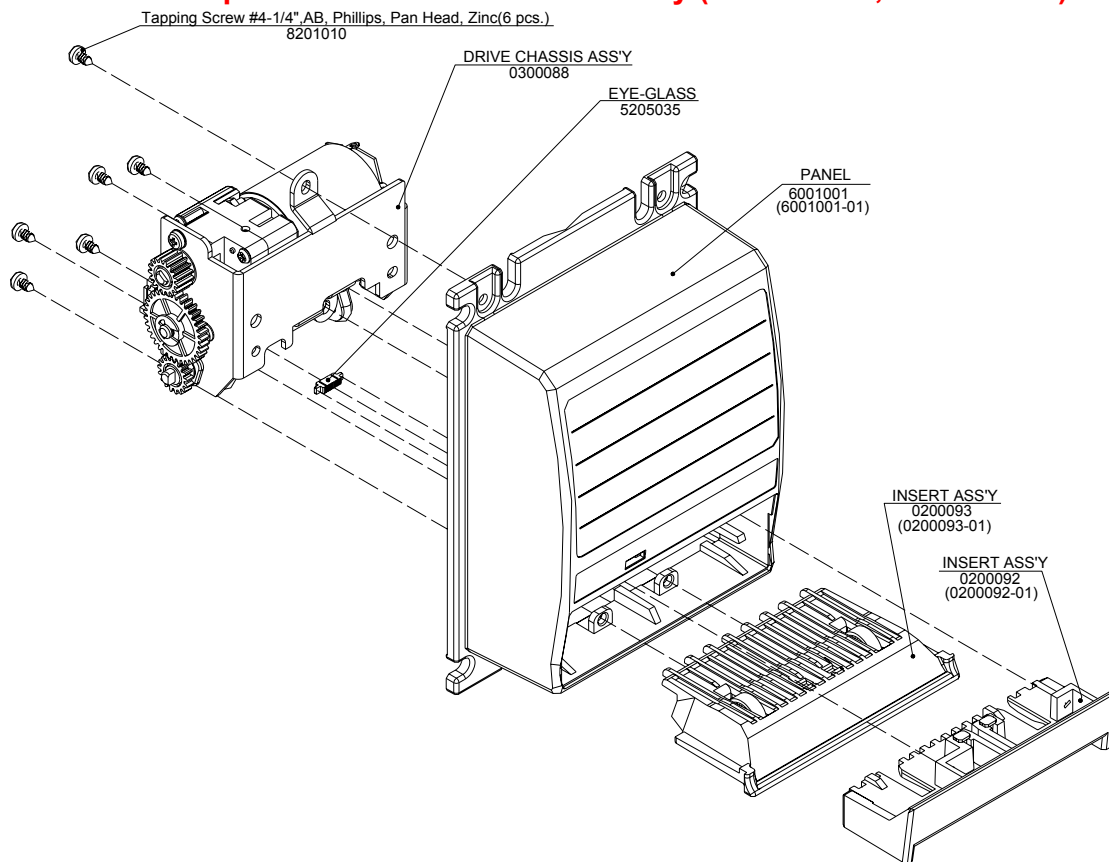
Exploded View of Panel Assembly (0100232, 0100232-02).



LIST OF SPARE PARTS FOR PANEL ASS'Y (0100232, 0100232-02).

Item	Part ID #	Part/Assembly Name	Quantity per assembly	
			0100232	0100232-02
1	0200094	INSERT ASS'Y	1	
1	0200094-01	INSERT ASS'Y		1
2	0200095	INSERT ASS'Y	1	
2	0200095-01	INSERT ASS'Y		1
3	0300088	DRIVE CHASSIS ASS'Y	1	1
4	5205035	EYE-GLASS	1	1
5	6001001	PANEL	1	
5	6001001-01	PANEL		1
6	8201010	Tapping Screw #4-1/4",AB, Phillips, Pan Head, Zinc	6	6

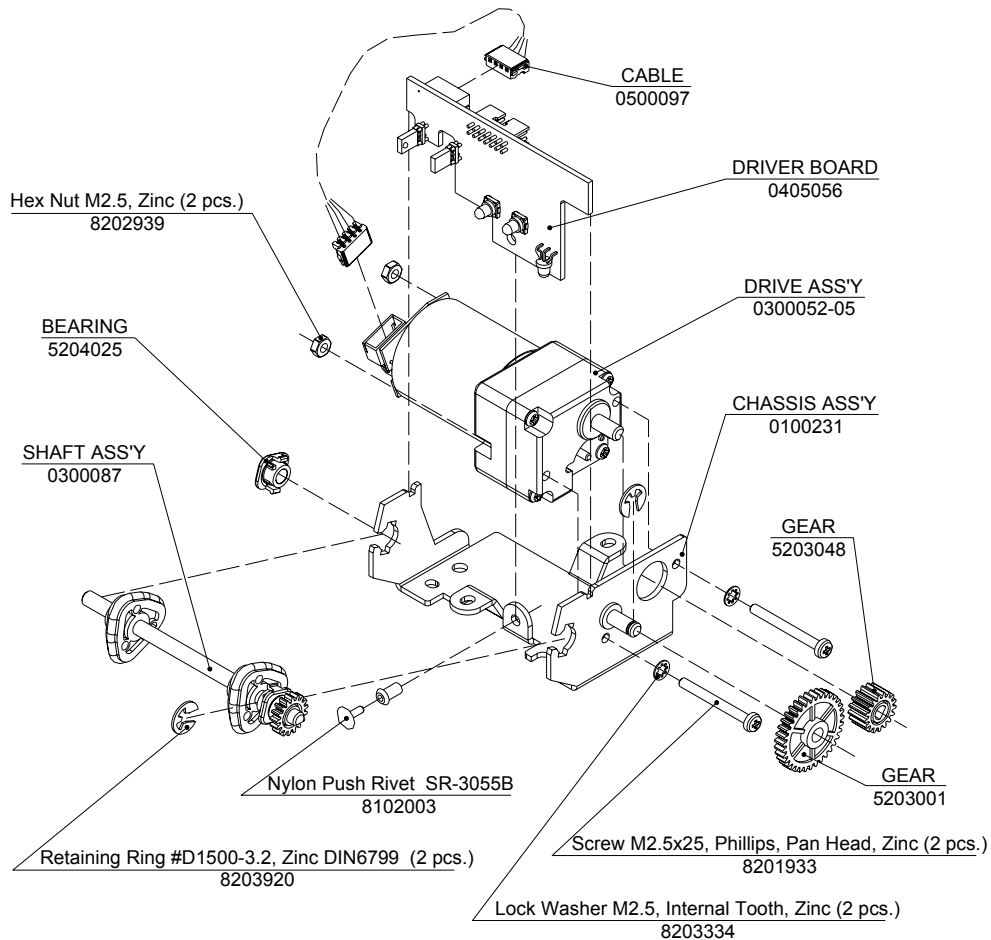
Exploded View of Panel Assembly (0100232-01, 0100232-03).



LIST OF SPARE PARTS FOR PANEL ASS'Y (0100232-01, 0100232-03).

Item	Part ID #	Part/Assembly Name	Quantity per assembly	
			0100232-01	0100232-03
1	0200092	INSERT ASS'Y	1	
1	0200092-01	INSERT ASS'Y		1
2	0200093	INSERT ASS'Y	1	
2	0200093-01	INSERT ASS'Y		1
3	0300088	DRIVE CHASSIS ASS'Y	1	1
4	5205035	EYE-GLASS	1	1
5	6001001	PANEL	1	
5	6001001-01	PANEL		1
6	8201010	Tapping Screw #4-1/4", AB, Phillips, Pan Head, Zinc	6	6

Exploded View of DRIVE CHASSIS ASSEMBLY (0300088).



LIST OF SPARE PARTS FOR DRIVE CHASSIS ASS'Y (0300088).

Item	Part ID #	Part/Assembly Name	Qty
1	0300052-05	DRIVE ASS'Y	1
2	0300087	SHAFT ASS'Y	1
3	0100231	CHASSIS ASS'Y	1
4	0405056	DRIVER BOARD	1
5	0500097	CABLE	1
6	5203001	GEAR	1
7	5204025	BEARING	1
8	5203048	GEAR	1
9	8202939	Hex Nut M2.5, Zinc	2
10	8203334	Lock Washer M2.5, Internal Tooth, Zinc	1
11	8203920	Retaining Ring #D1500-3.2, Zinc DIN6799	1
12	8102003	Nylon Push Rivet SR-3055B	1
13	8201933	Screw M2.5x25, Phillips, Pan Head, Zinc	2

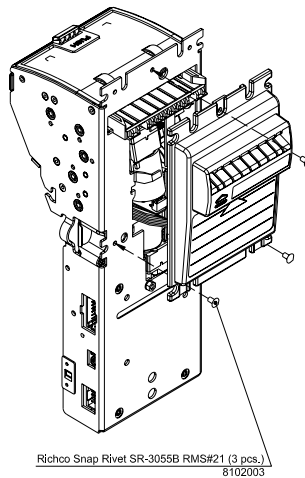
DISASSEMBLY OF BILL VALIDATOR AND SUBASSEMBLIES

Tools required:

- Electro - screwdriver
- Applicator Tools for DIN 6799 N 877-325
- Tweezers

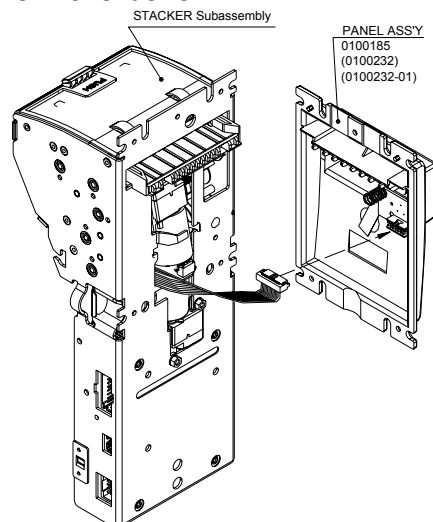
Step 1

- Remove bezel, by following instructions bellow
- Pull out 3 nylon push rivets
- Draw aside the bezel



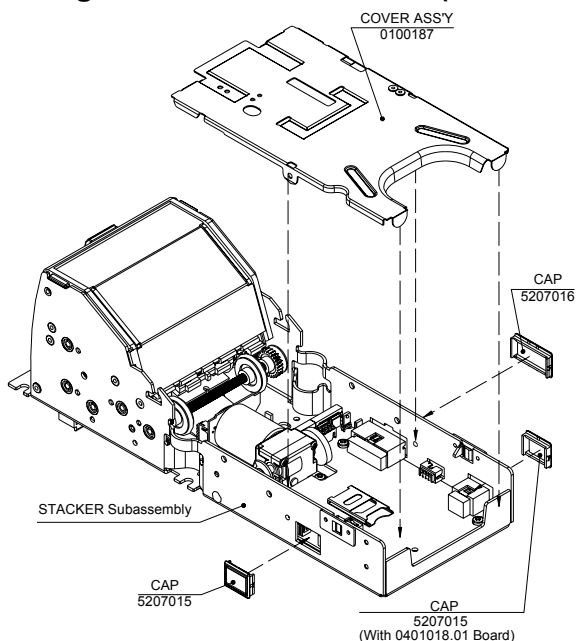
Step 2

- Disconnect the cable from the bezel



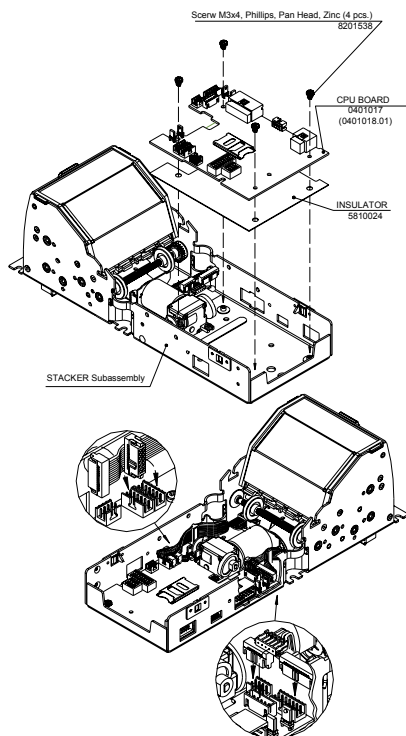
Step 3

- Remove cover #0100187
- Remove 2 caps by opening latch with screwdriver (for SM02,2005 only #5207015)

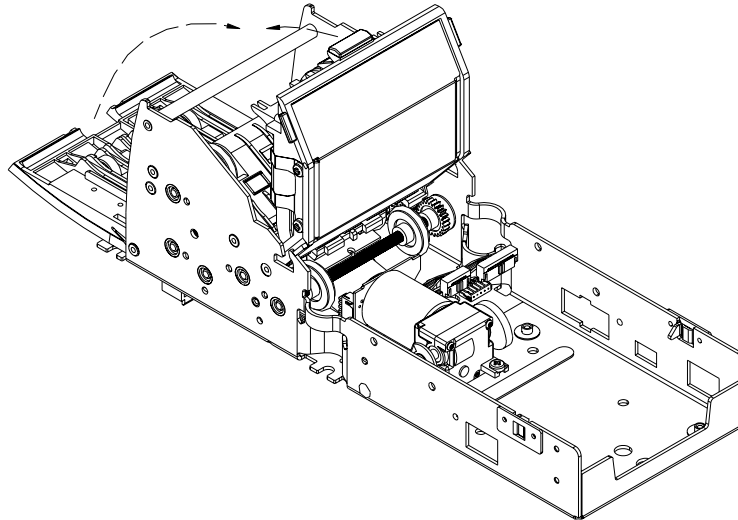


Step 4

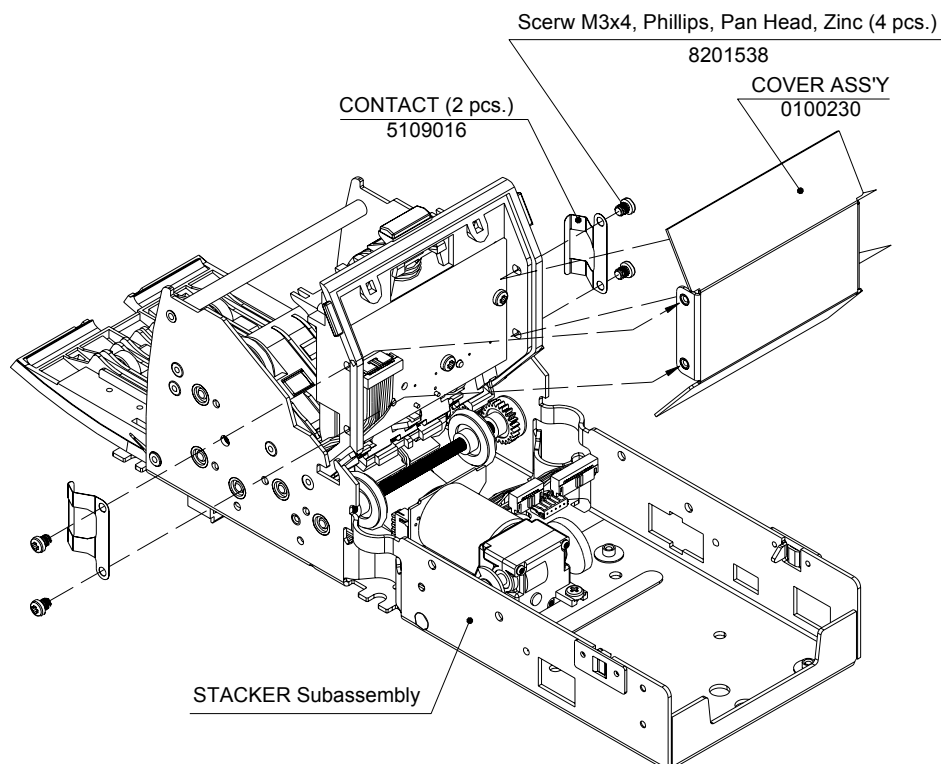
- Remove M3x4 screws
- Disconnect the cables from CPU Board
- Remove CPU Board



Step 5
-Open outer guide

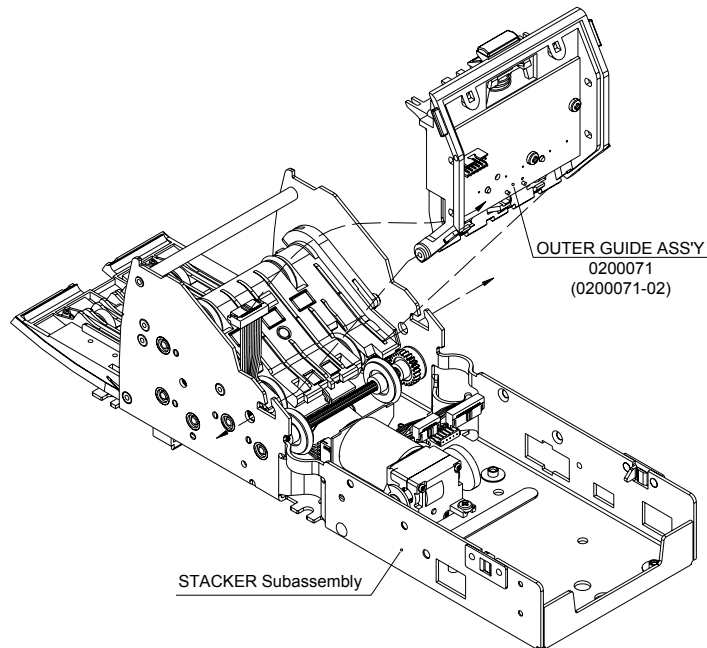


Step 6
- Remove 4 M3x4 screw
-Remove Cover and 2 Contacts



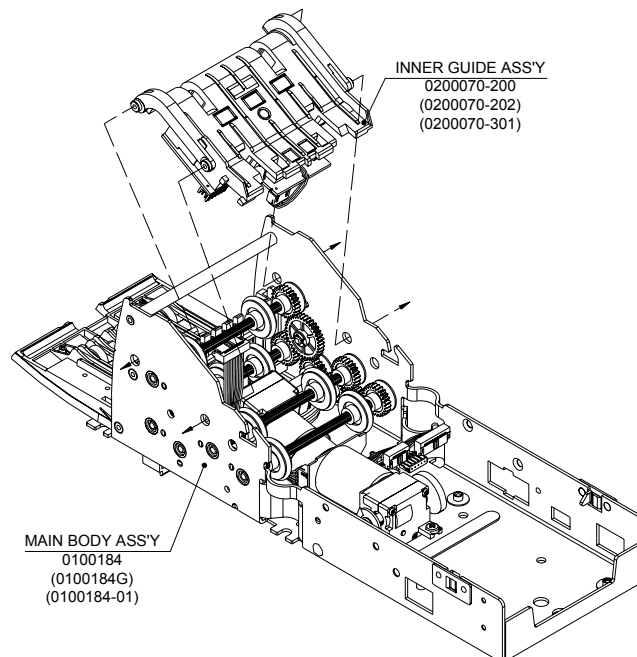
Step7

- Press on the outer Guide near the Guide axis
- Remove outer Guide
- Disconnect the cables from outer Guide



Step 8.

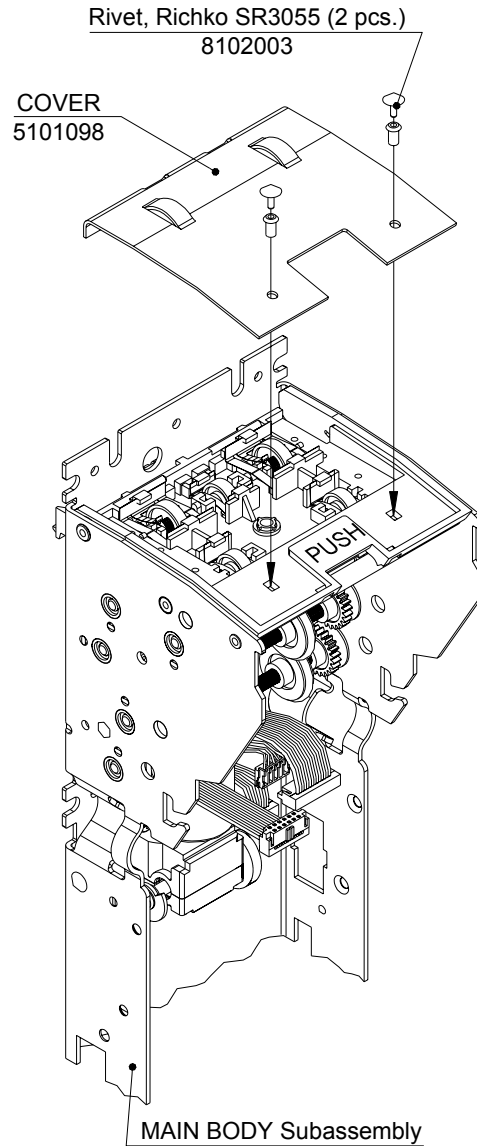
- Press on the inner Guide near the Guide axis
- Remove inner guide
- Disconnect the cables from Inner guide



Step 9.

-Pull out 2 nylon rivets

-Turn inside out and remove Cover

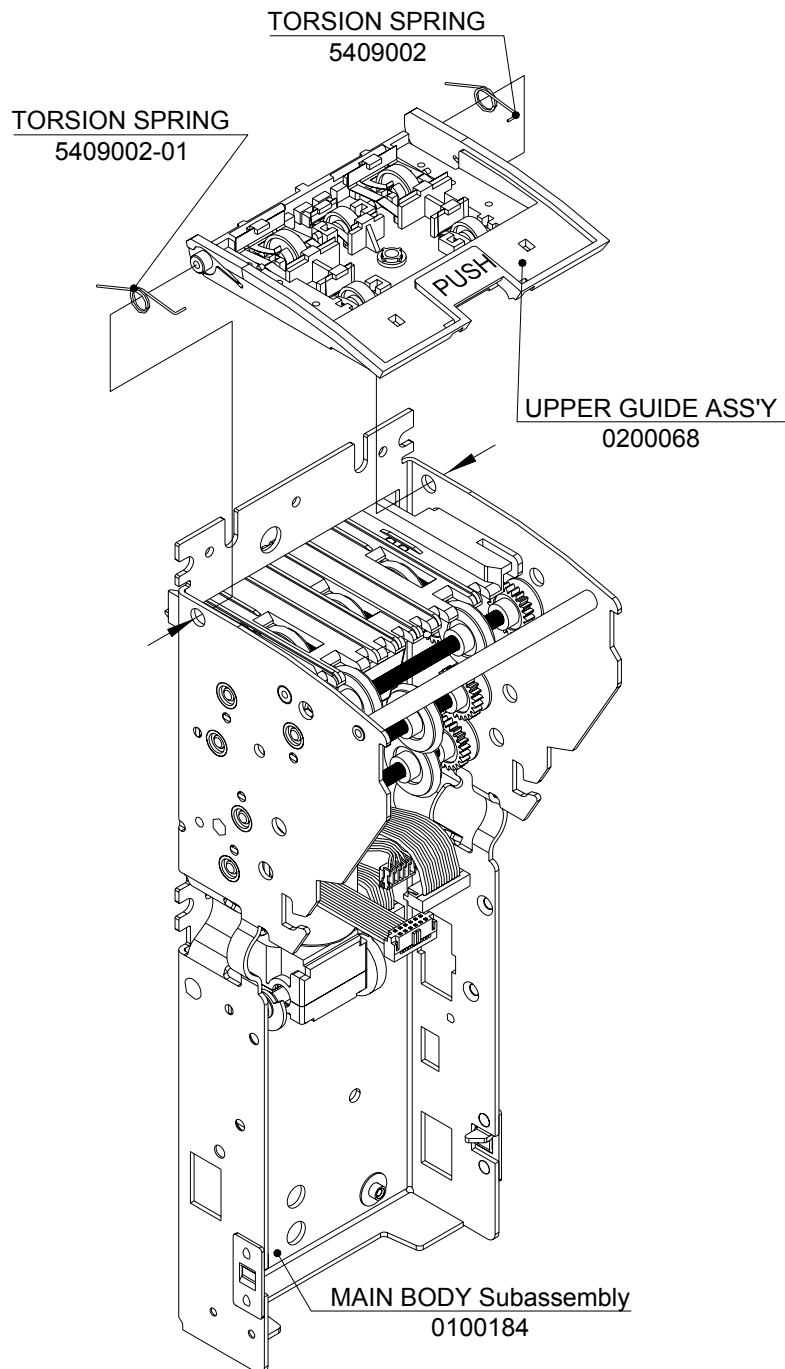


Step 10.

-Press on the upper Guide near the Guide axis

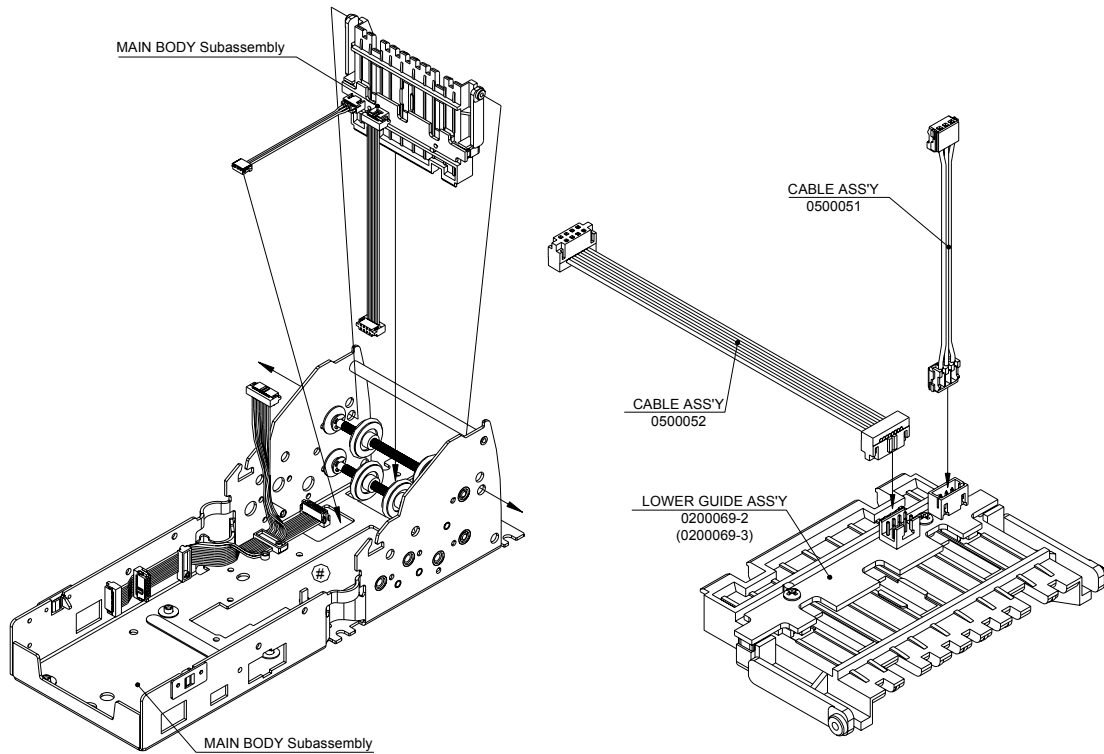
-Remove the upper Guide (with 2 Springs)

Pay attention! Restraint Assembly and spring are not secured to the Guide.



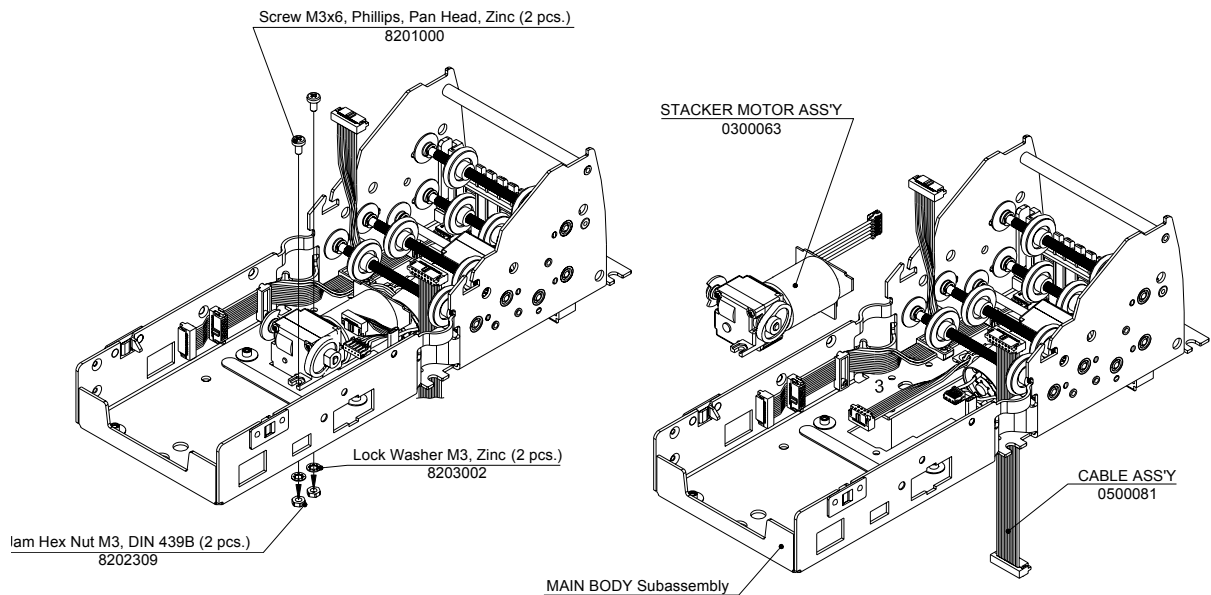
Step 11.

- Press on the lower guide near the guide axis
- Remove the lower guide
- Remove two cables



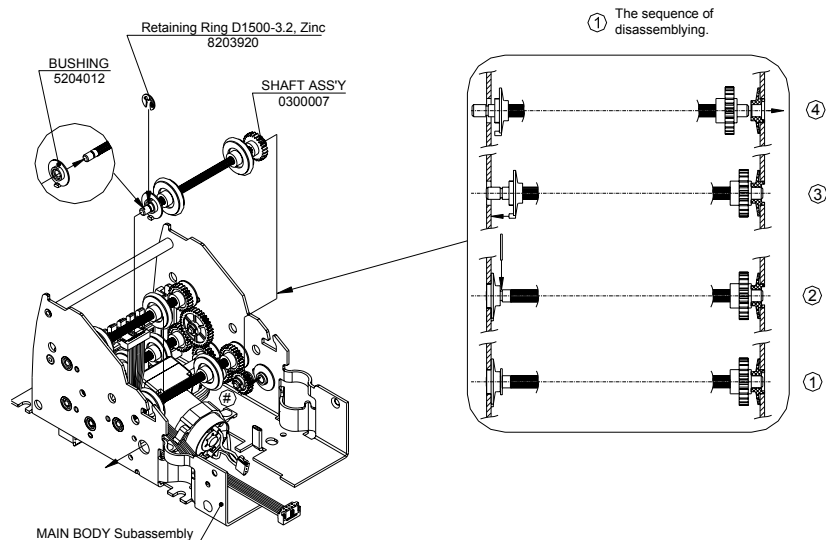
Step 12.

- Remove Stacker Motor Assembly, by following instructions bellow:
- Remove two screw M3x6, two M3 hex nut and two lock washer M3
- Disconnect Transport Motor cable from Stacker Motor cable
- Remove Stacker Motor Assembly
- Remove cable 0500081
- Disconnect cable 0500053 from motor

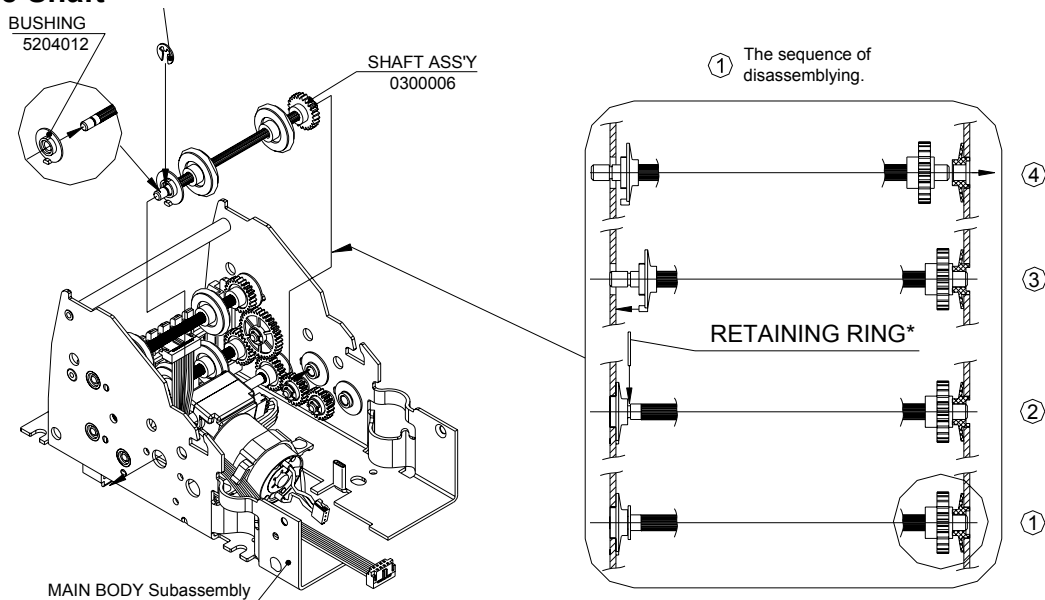


Step 13.

- Remove Shaft assembly, by following instructions bellow:
- Remove retaining ring
- Move Bushing
- Remove Shaft

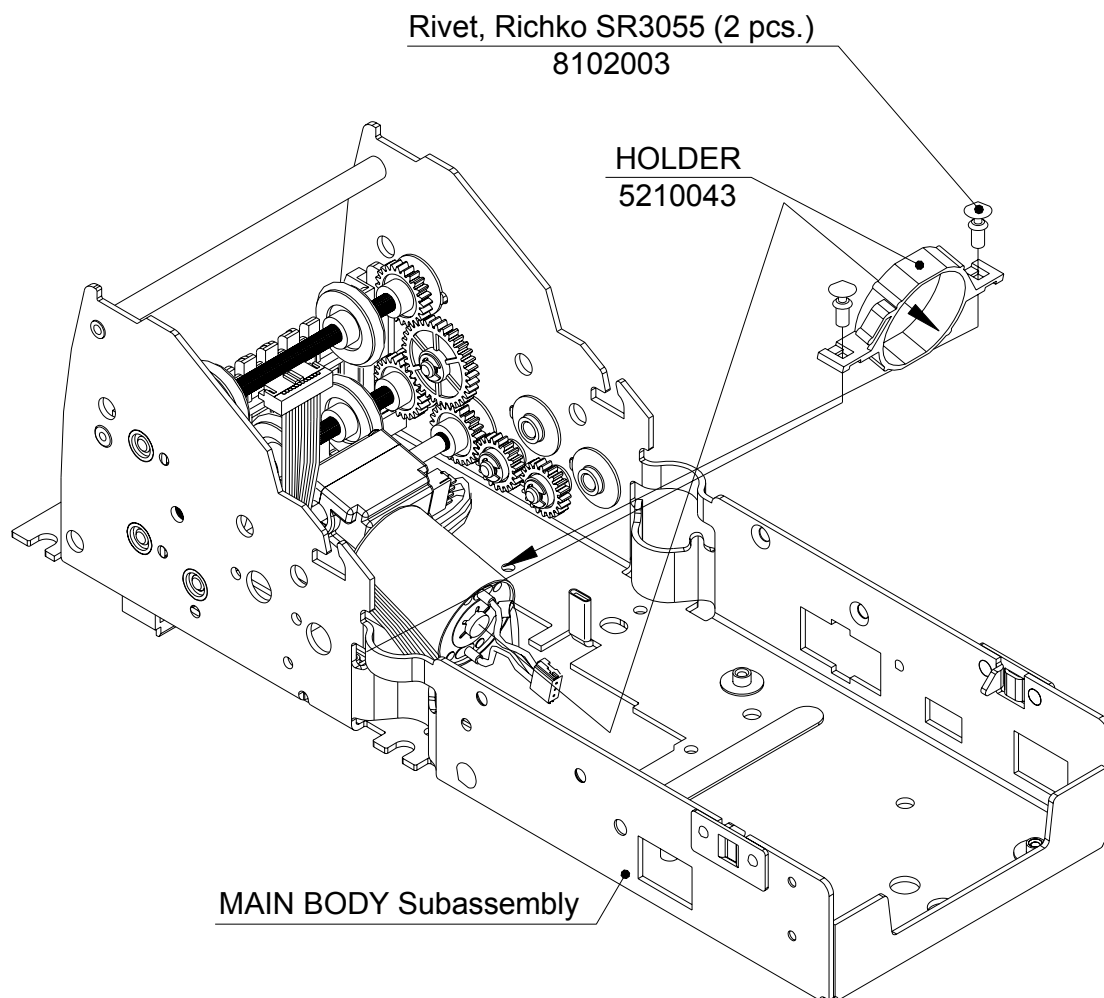

Step 14.

- Remove Shaft assembly, by following instructions bellow:
- Remove retaining ring
- Move Bushing
- Remove Shaft



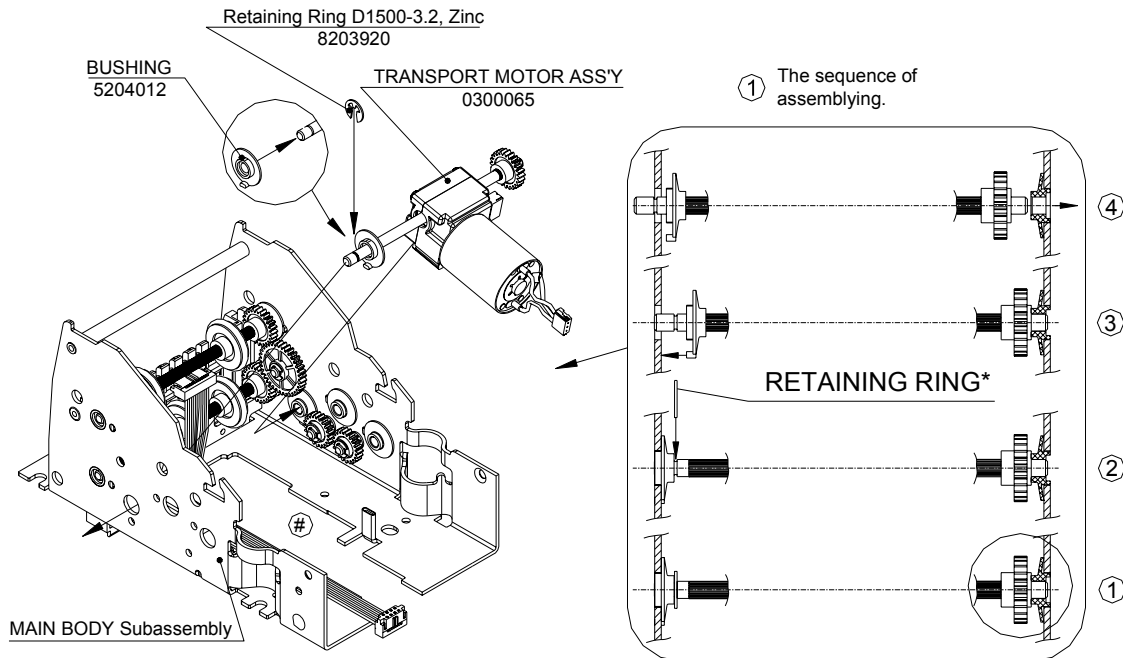
Step 15.

- Pull out 2 nylon push rivets
- Remove Holder

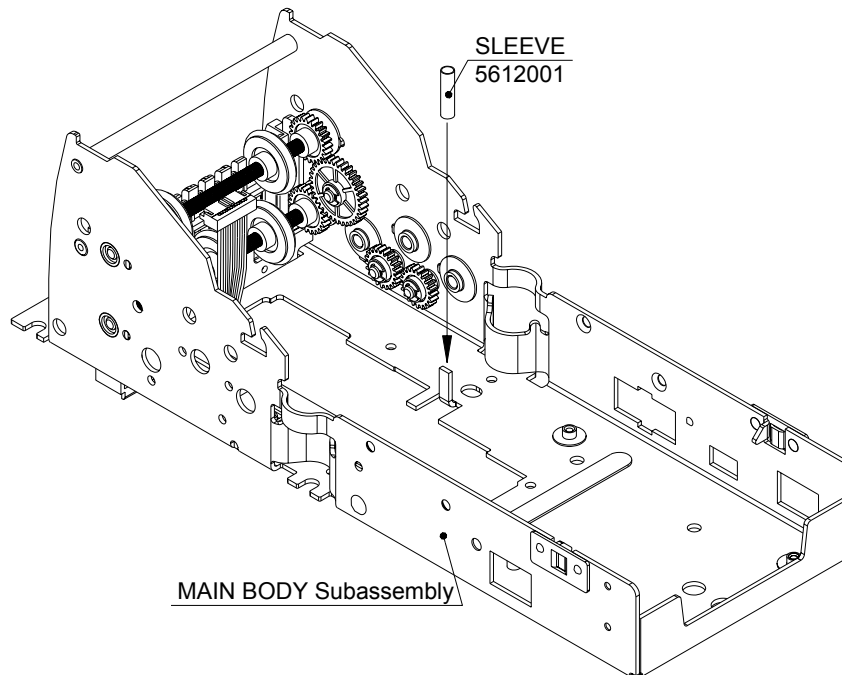


Step 16.

- Remove retaining ring
- Move Bushing
- Remove Transport Motor with Holder

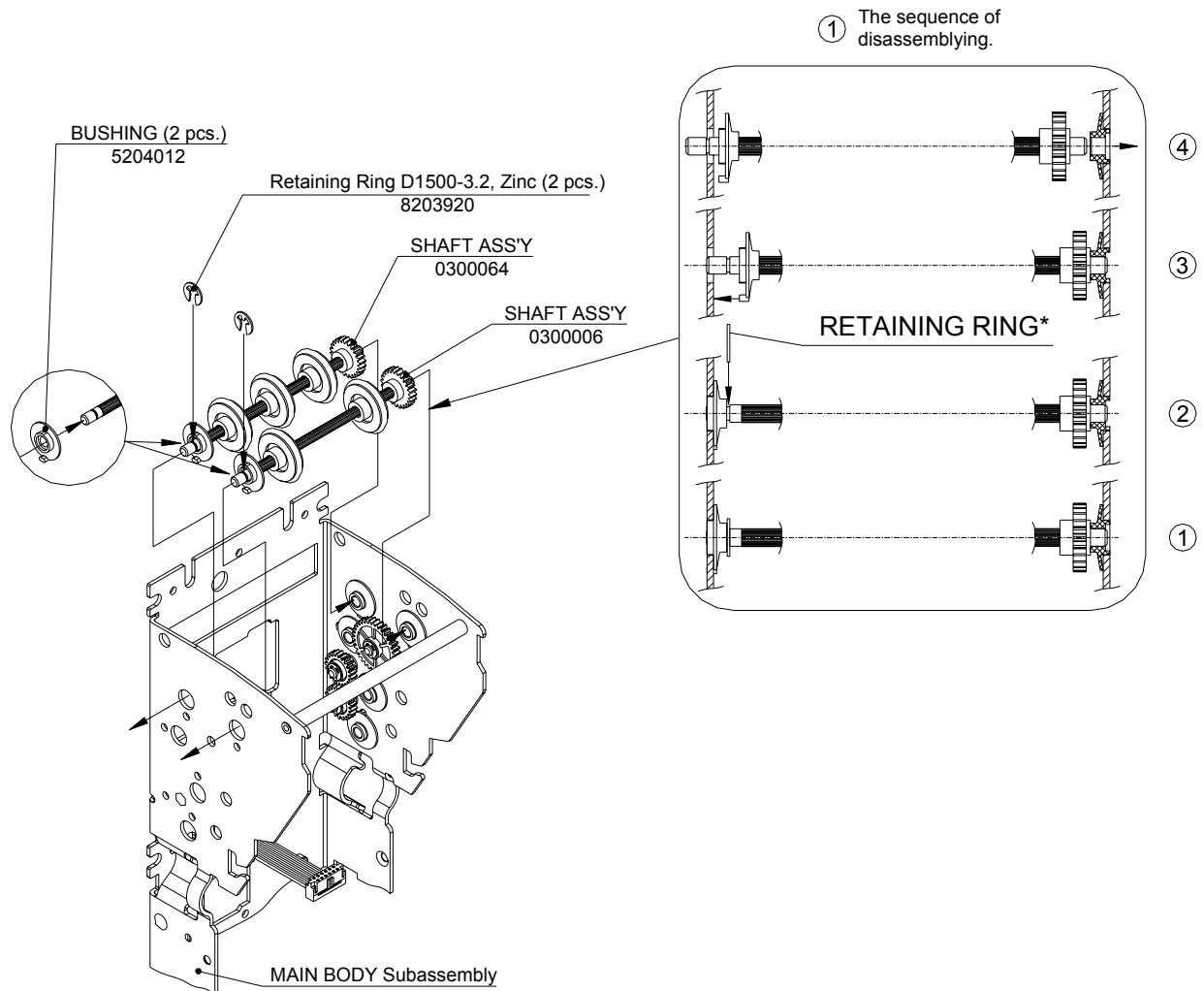

Step 17.

- Remove Sleeve



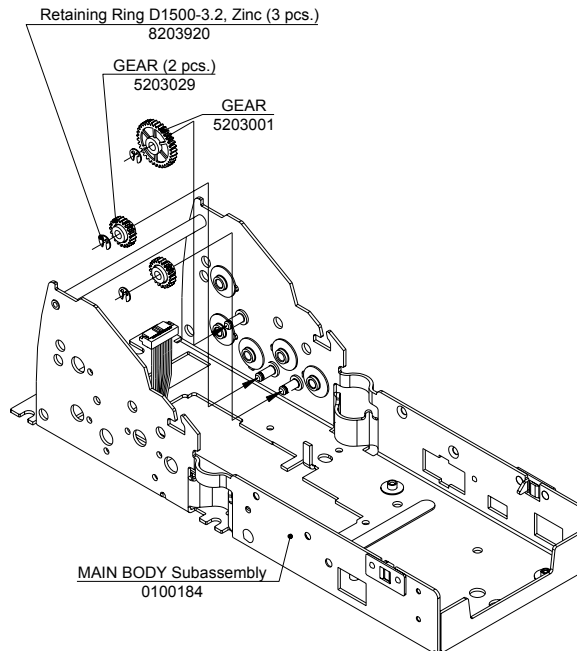
Step 18.

- Remove two Shaft assemblies, by following instructions bellow:
- Remove two retaining rings
- Move Bushings
- Remove Shafts



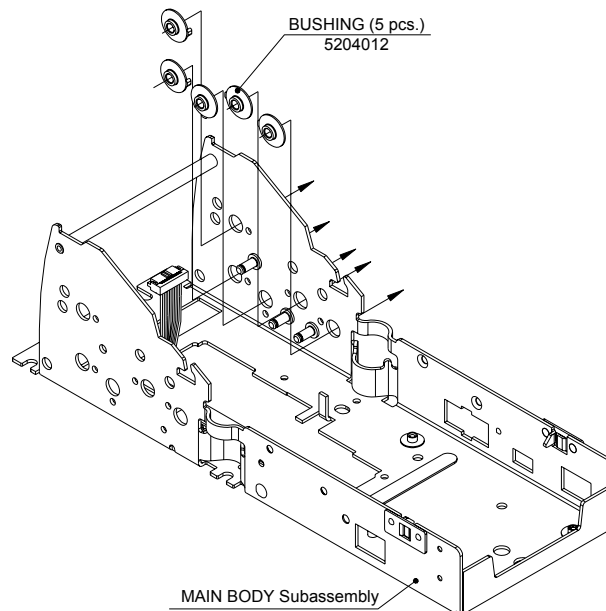
Step 19.

- Remove three Gears, by following instructions bellow:
- Remove three retaining rings
- Remove Gears



Step 20.

- Remove five Bushings.



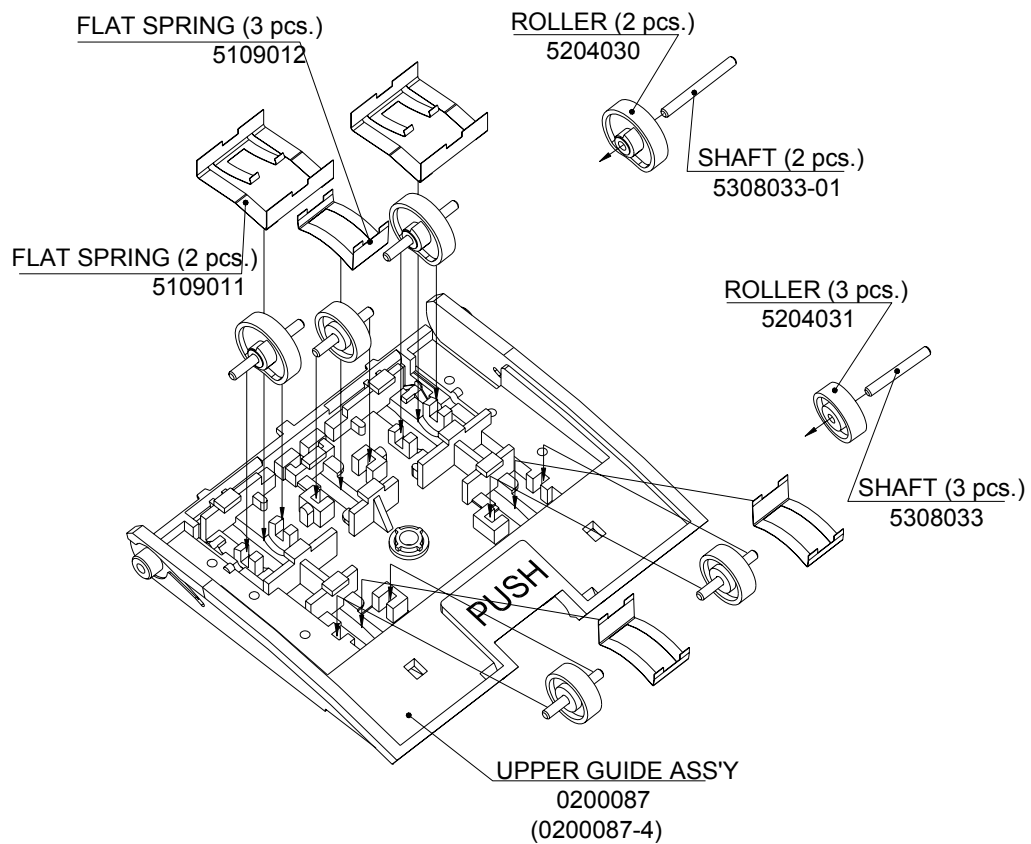
DISASSEMBLY OF APPER GUIDE #0200068

Tools required:

- Tweezers

- Remove five flat Spring

- Remove five Rollers with Shafts



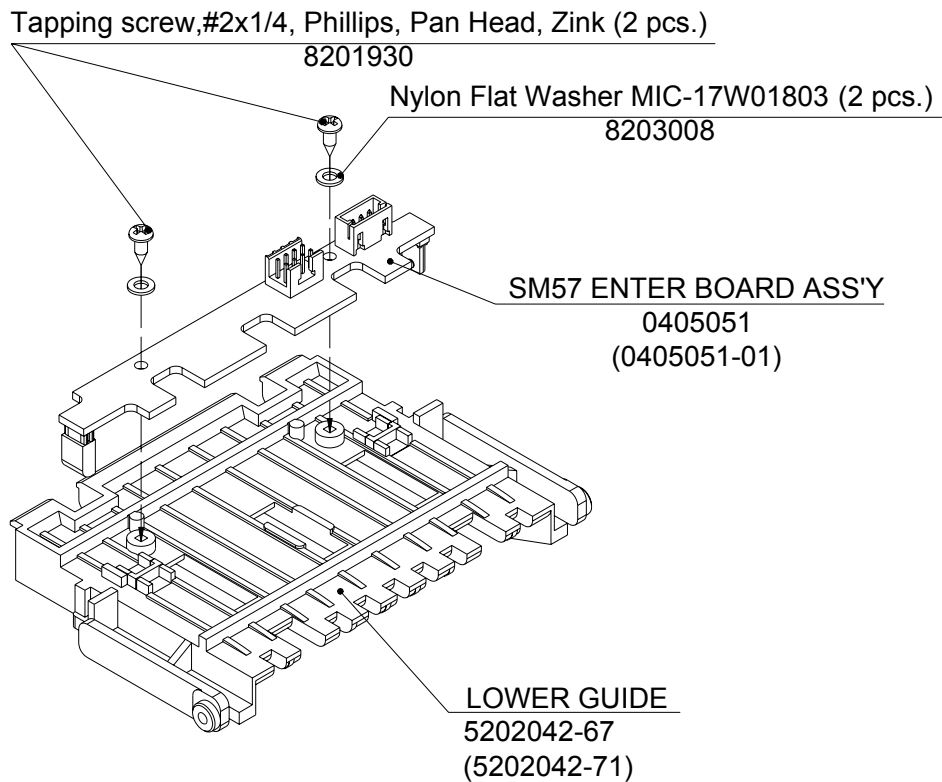
DISASSEMBLY OF LOWER GUIDE #0200069

Tools required:

- Electroscrowdriver

-Remove two screw

-Remove Enter Board



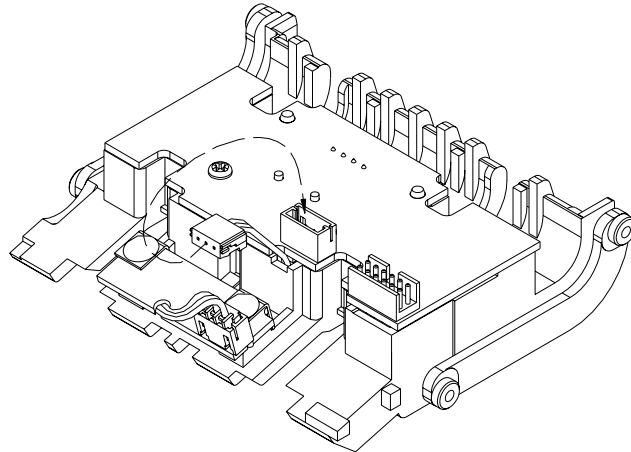
DISASSEMBLY OF INNER GUIDE #0200070

Tools required:

- Electroscrowdriver

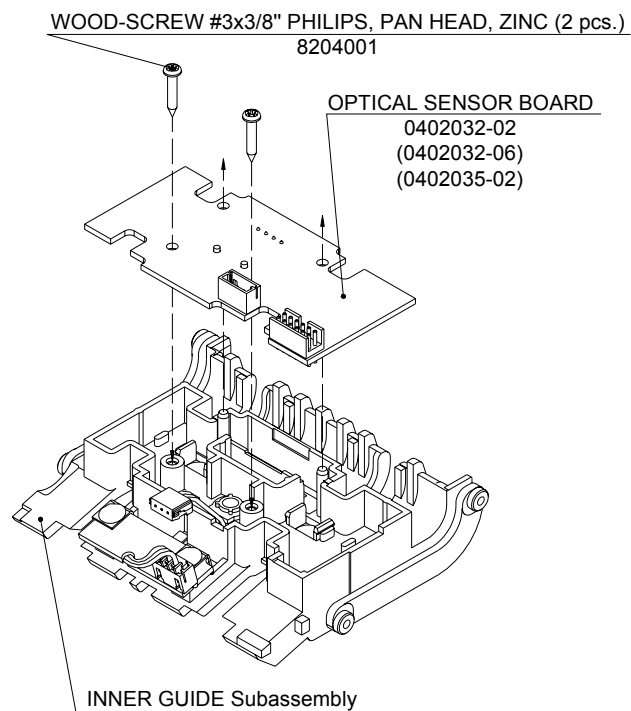
Step 1.

Disconnect cable from optical board



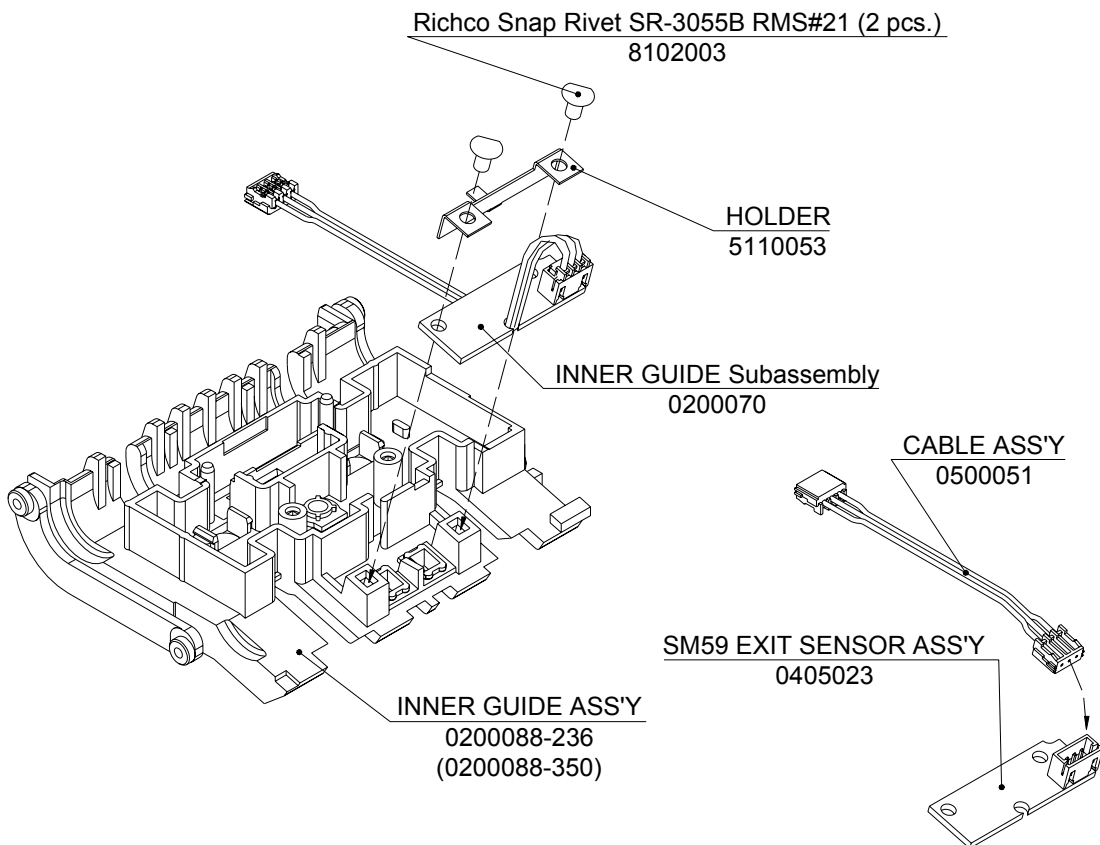
Step 2.

- Remove two screw
- Remove optic board



Step 3.

- Remove two rivets
- Remove holder
- Remove exit sensor board with cable
- Remove cable



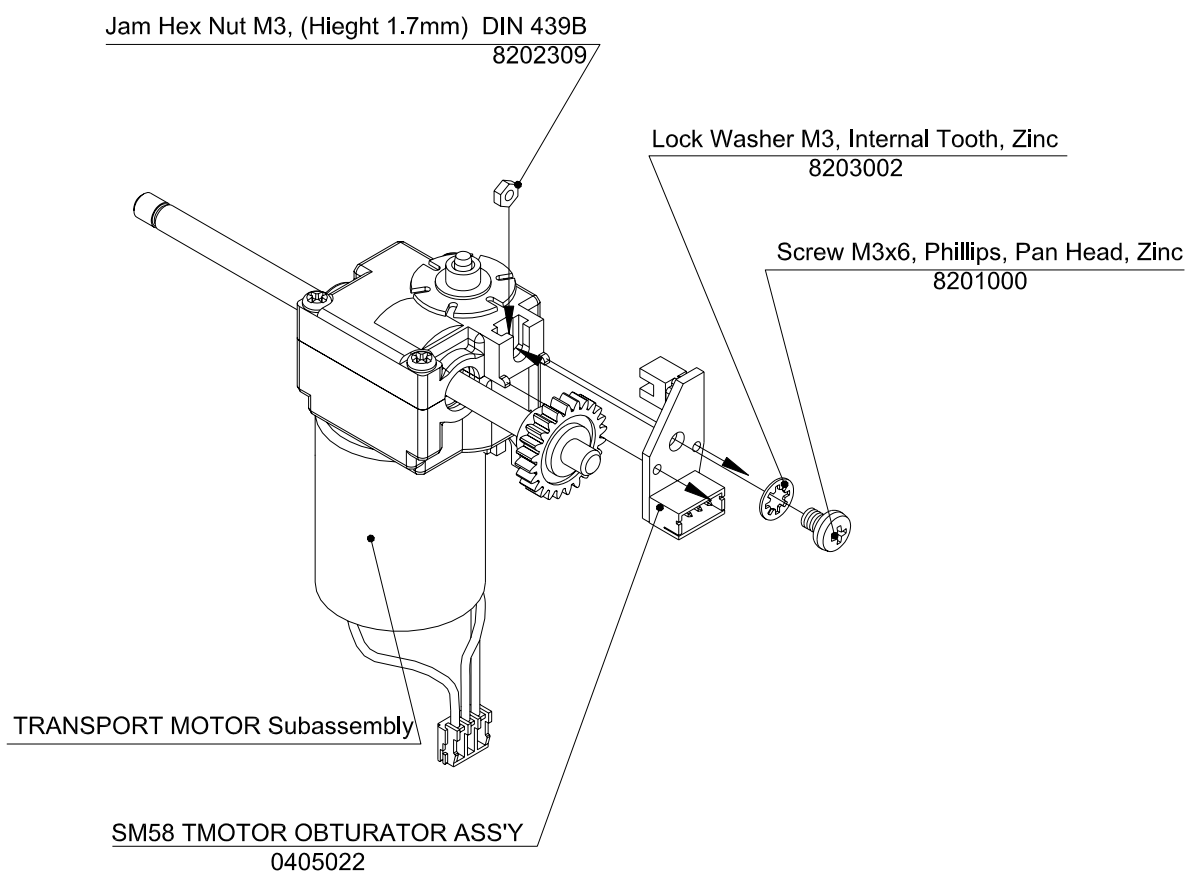
DISASSEMBLY OF TRANSPORT MOTOR

Tools required:

- Electroscrowdriver

-Remove Screw M3x6, Washer and Nut

-Remove transport motor obturator Board



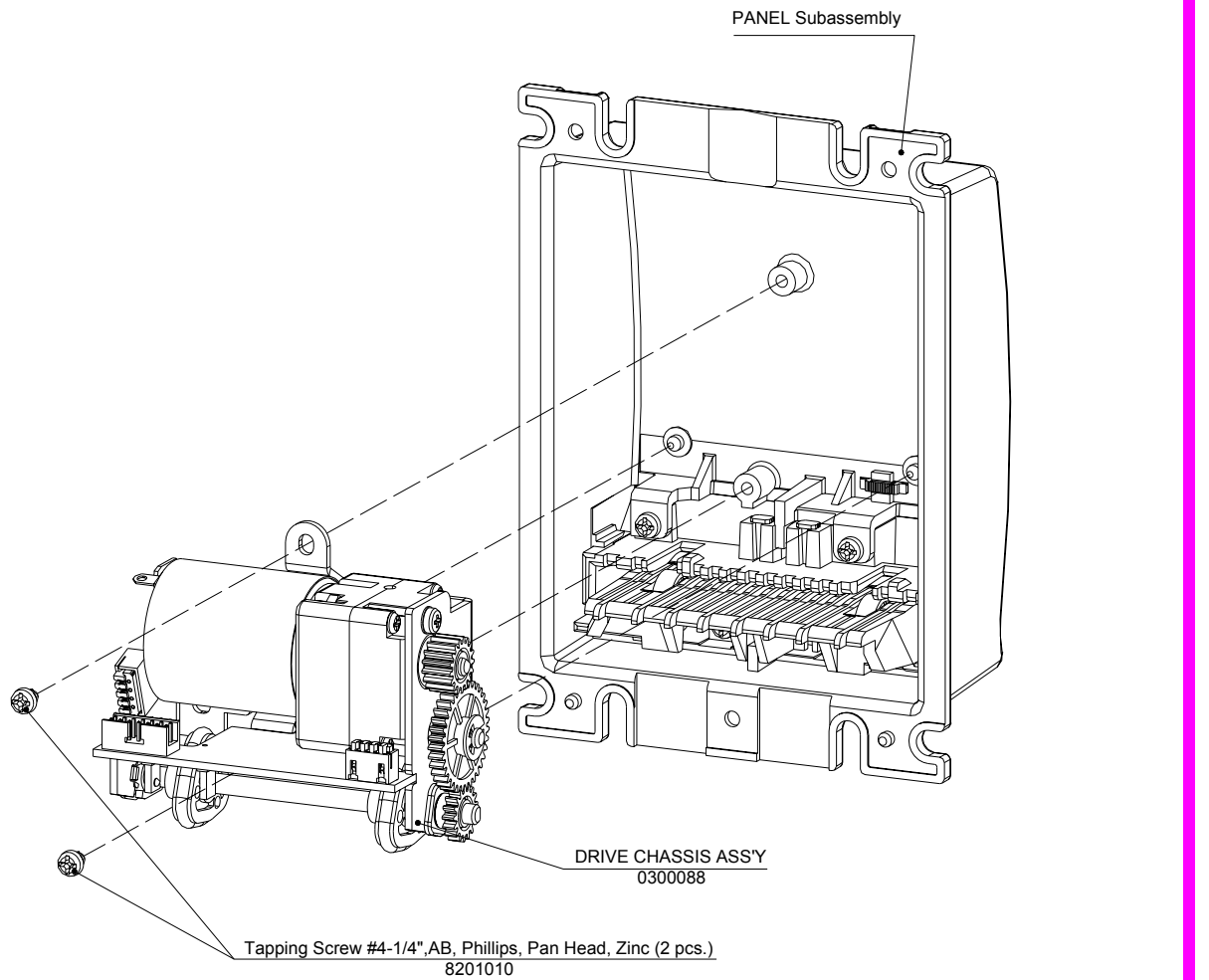
DISASSEMBLY OF DOWN METAL BAZEL 0200232-01

Tools required:

- Electroscrowdriver

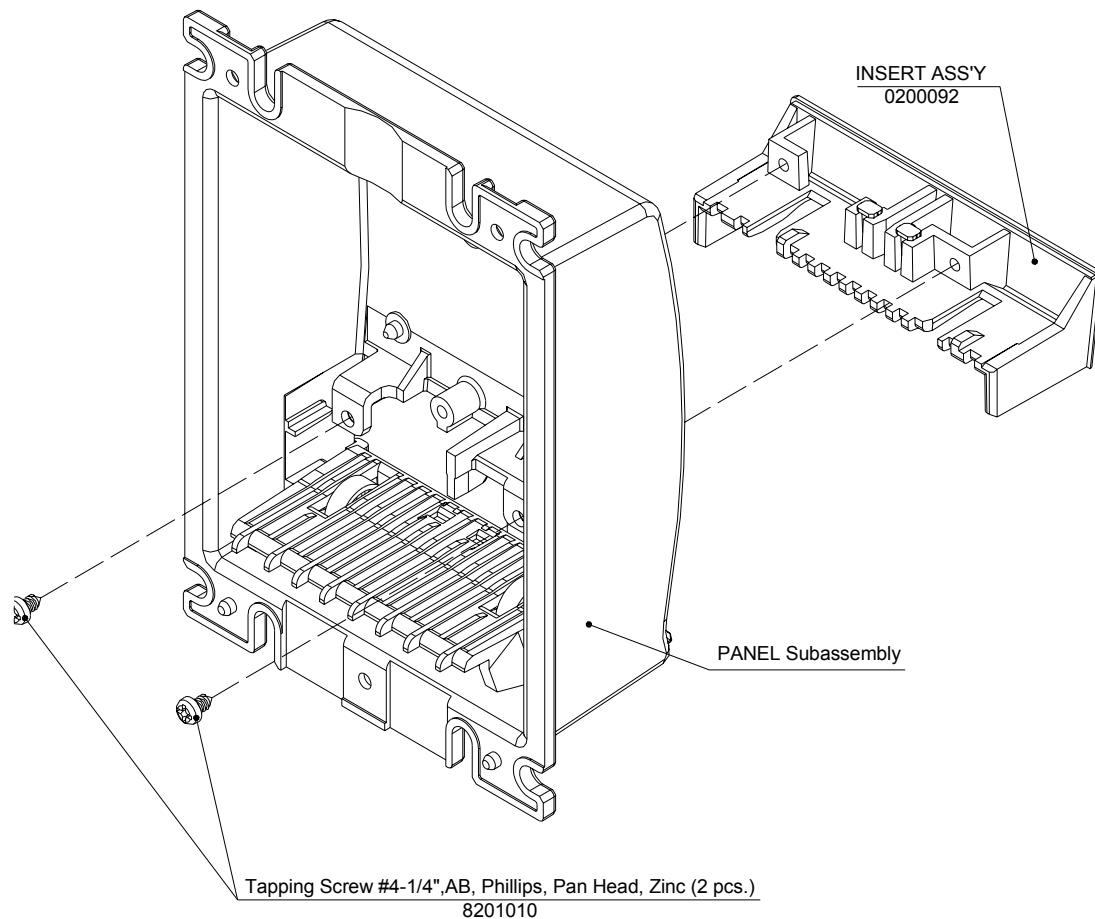
Step 1.

- Remove 2 tapping screws
- Remove drive chassis



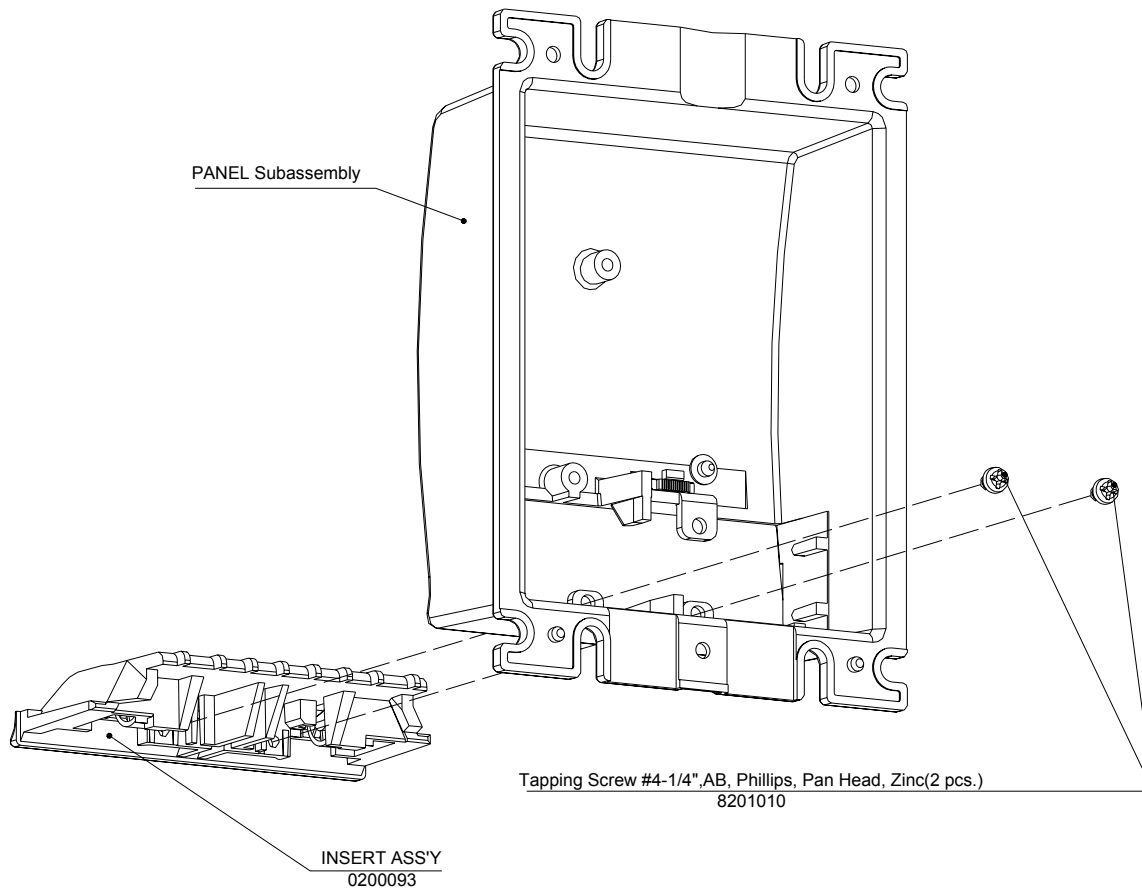
Step 2.

- Remove 2 tapping screws
- Remove insert.



Step 3.

- Remove 2 tapping screws
- Remove insert.



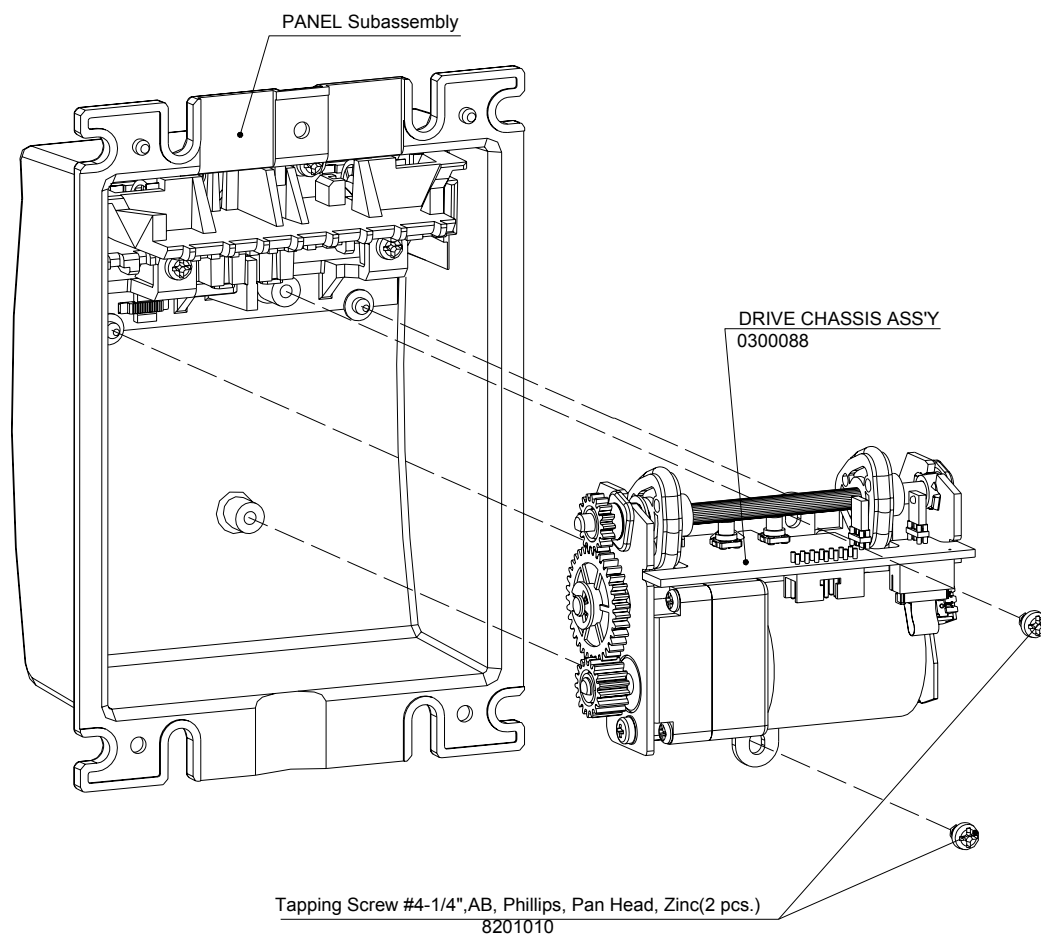
DISASSEMBLY OF UP METAL BAZEL 0100232

Tools required:

- Electroscrowdriver

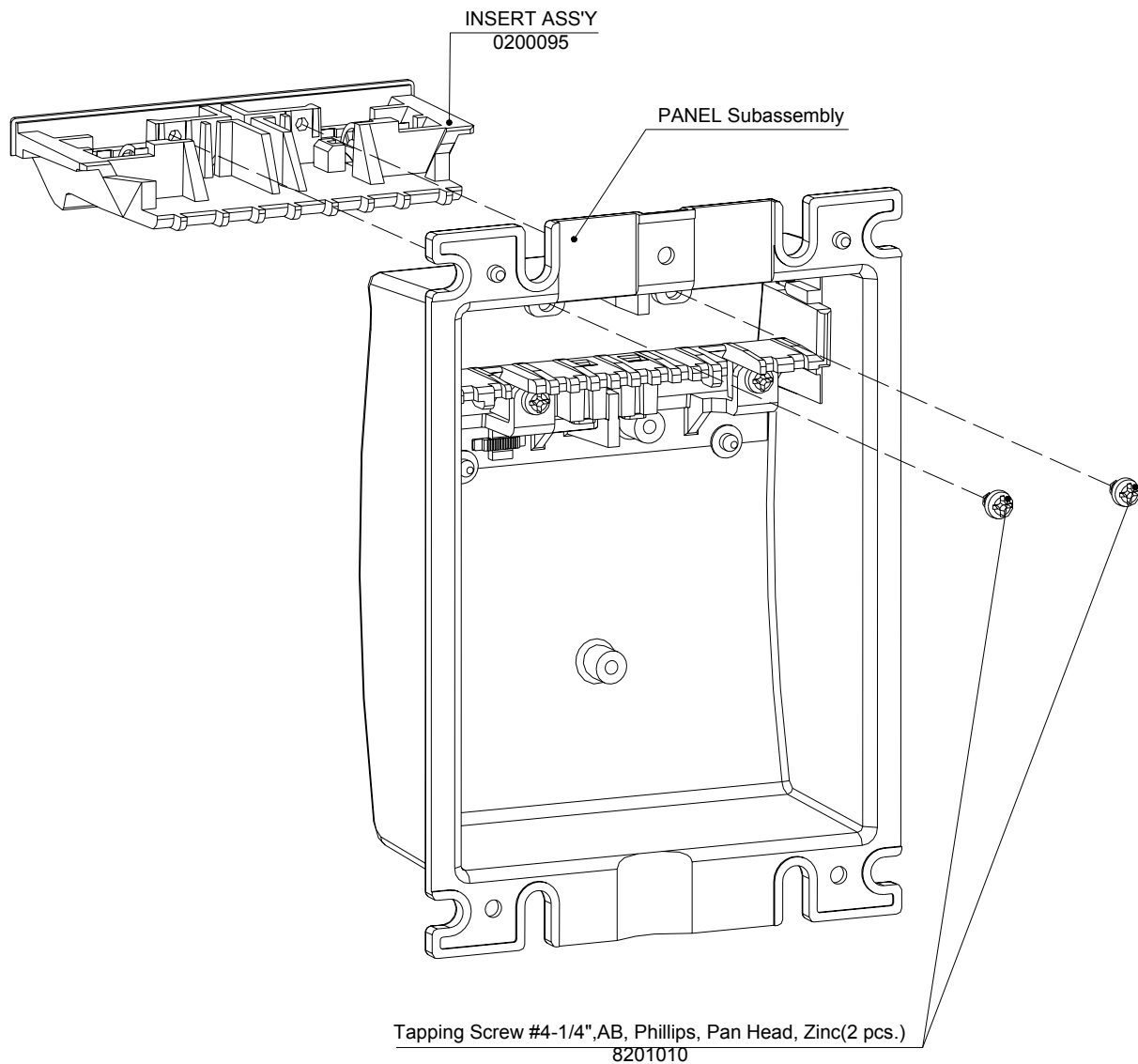
Step 1

- Remove 2 Tapping Screws
- Remove Drive Chassis



Step 2.

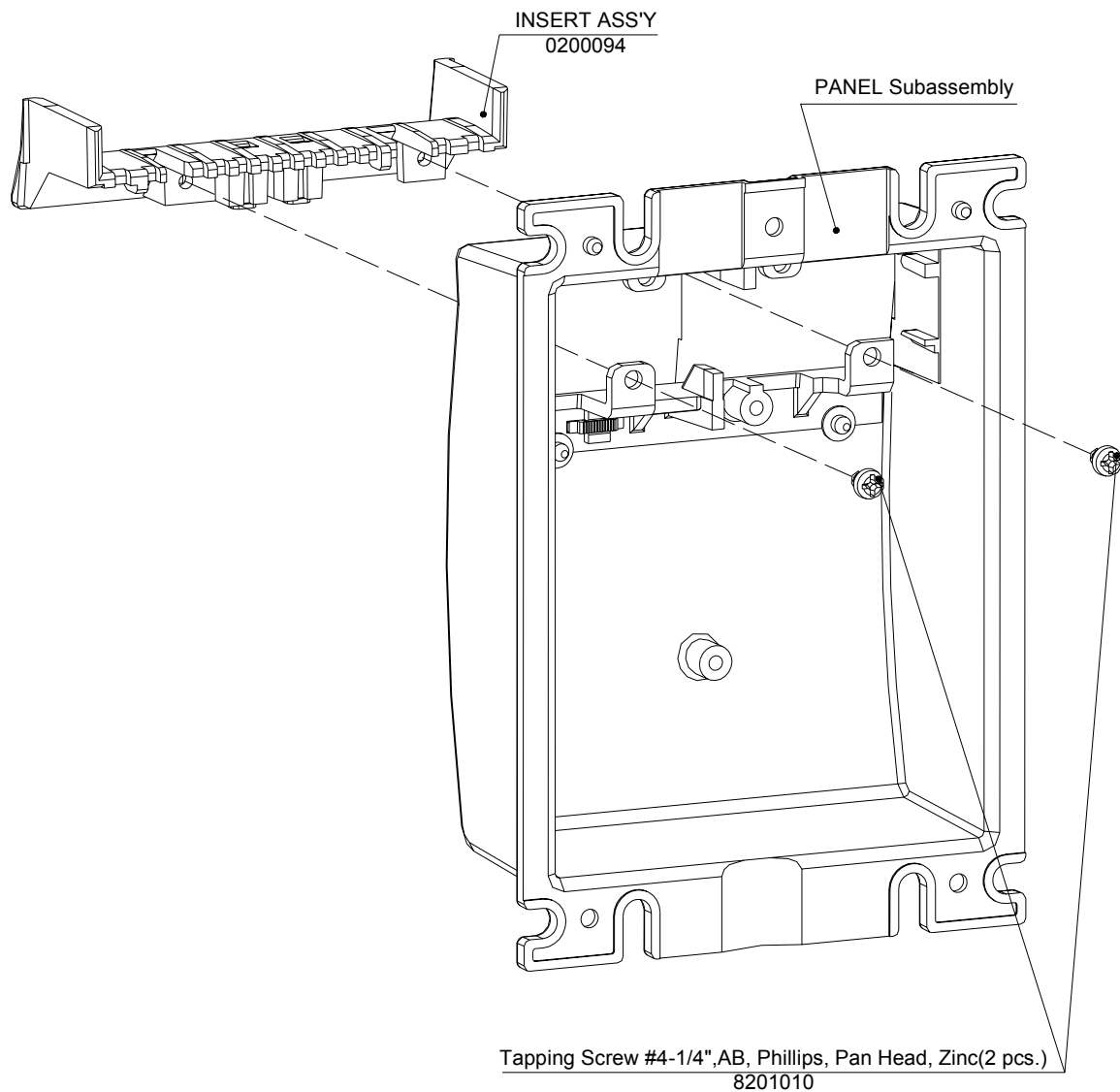
- Remove 2 Tapping Screws
- Remove Insert.



Step 3.

-Remove 2 Tapping Screws

-Remove Insert.



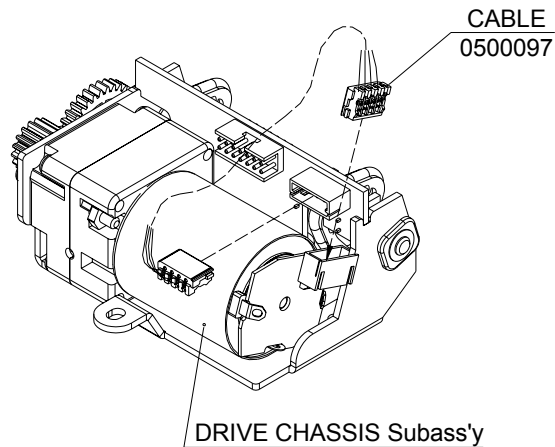
DISASSEMBLY OF DRIVE CHASSIS 0300088

Tools required:

- Electroscrowdriver

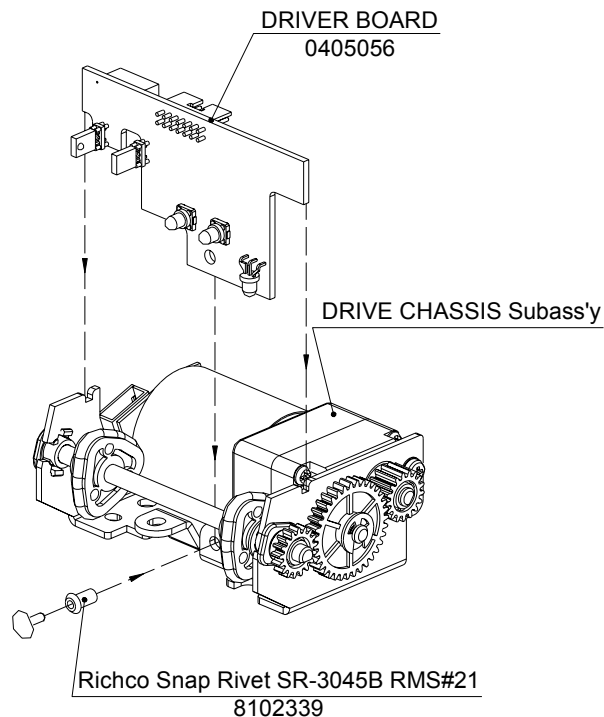
Step 1.

- Disconnect cable from Motor Board



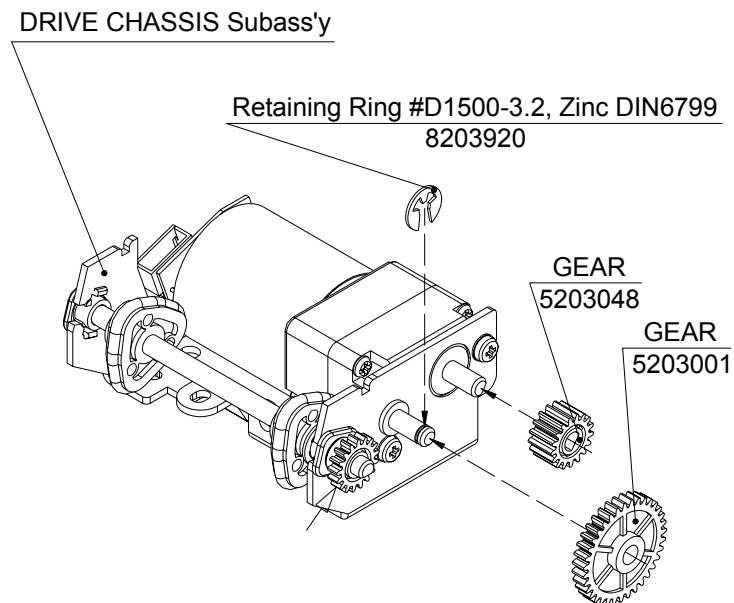
Step 2.

- Remove Snap Rivet
- Remove Driver Board



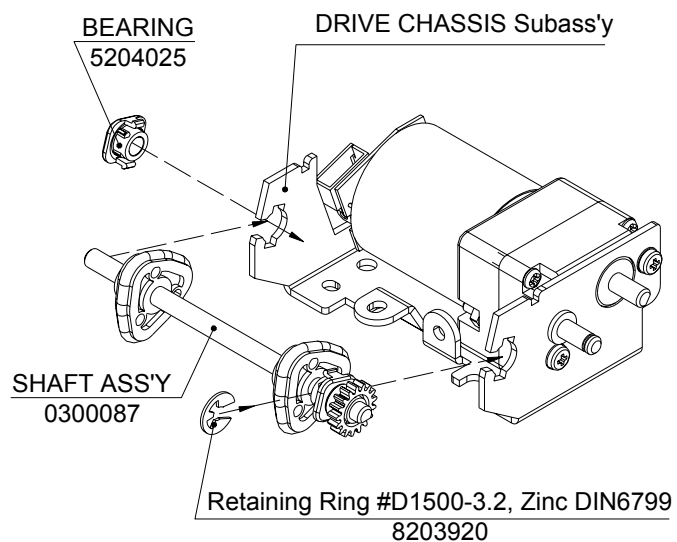
Step 3.

- Remove Retaining Ring
- Remove two Gears



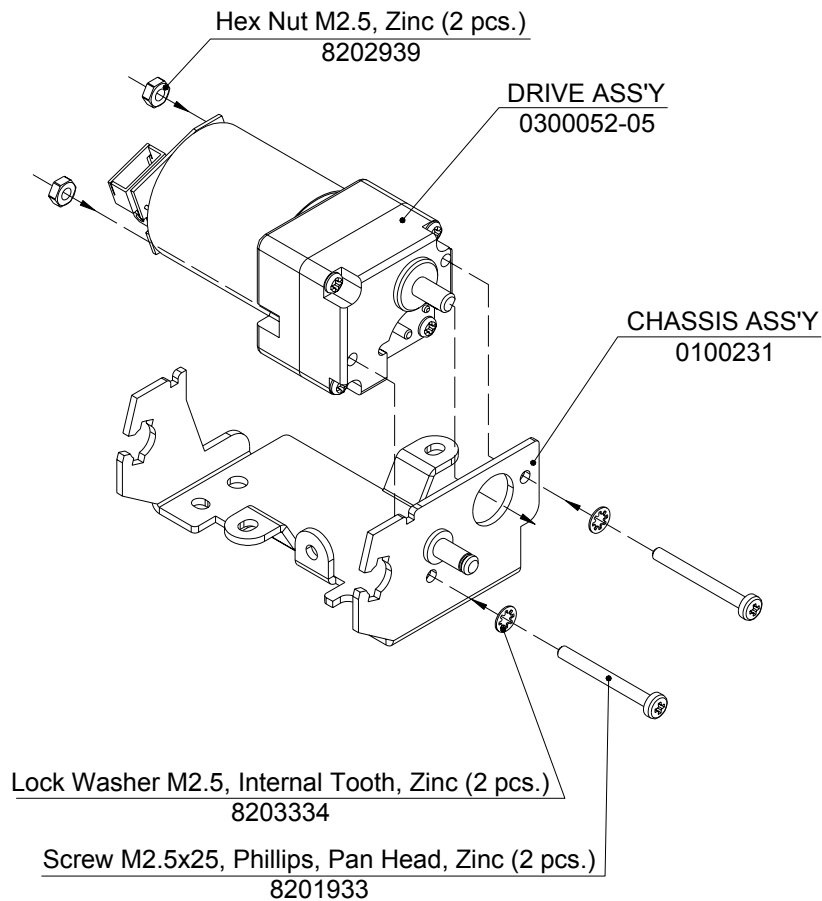
Step 4.

- Remove Retaining Ring
- Remove Bearing and Shaft Ass'y



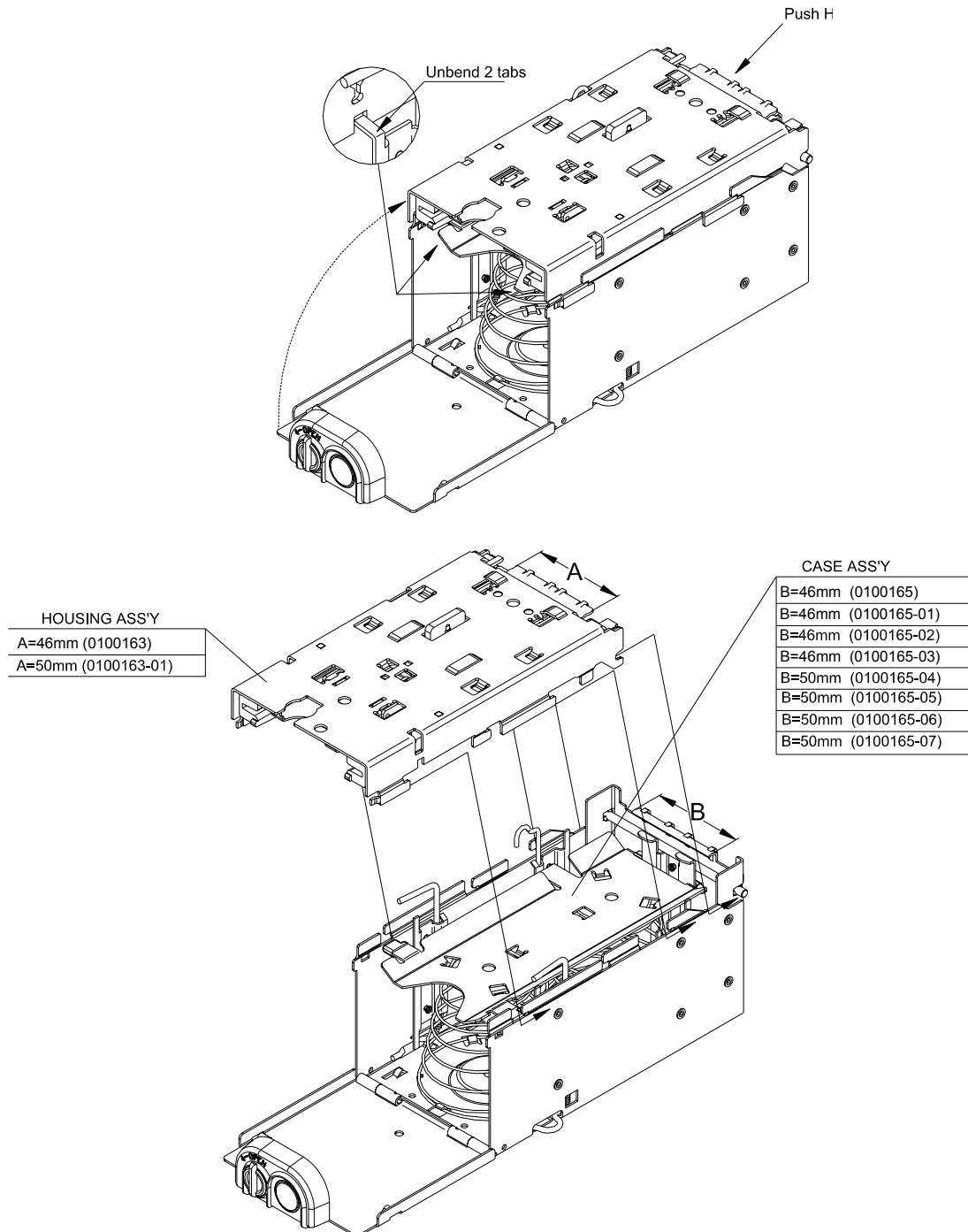
Step 5.

- Remove 2 Screws, 2 Hex Nuts, 2 Lock Washers
- Remove Chassis Ass'y



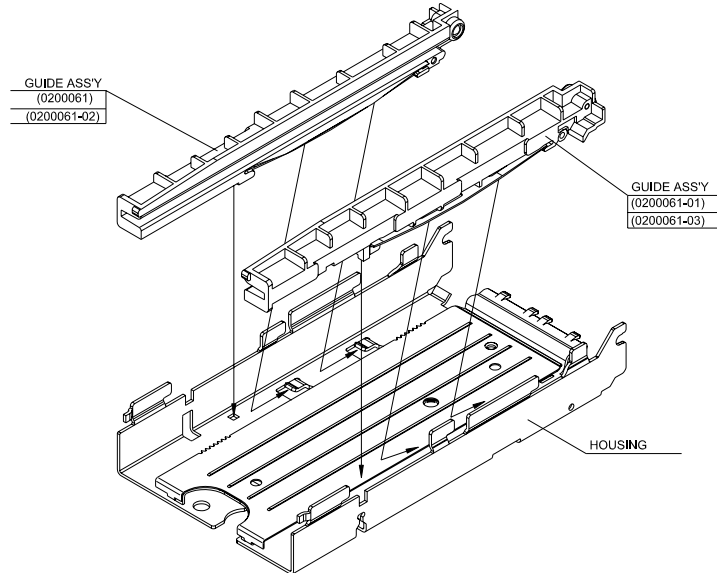
DISASSEMBLY OF CASSETE AND SUBASSEMBLIES

Step 1 -Remove Housing from Case

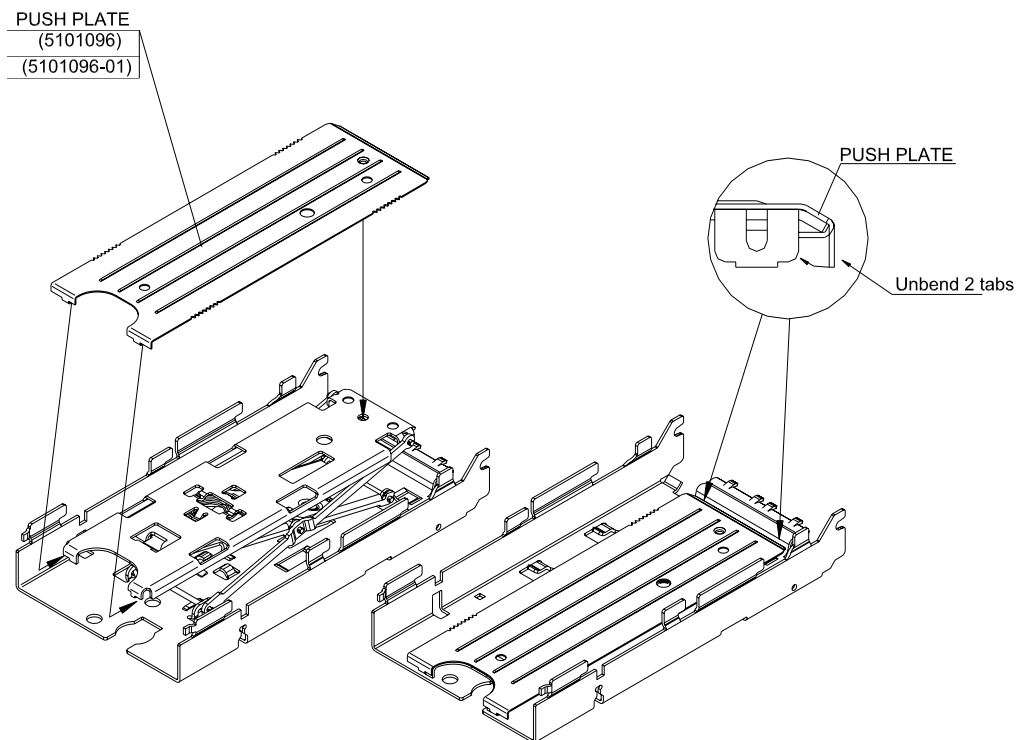


DISASSEMBLY OF HOUSING

Step 2 -Remove Guides

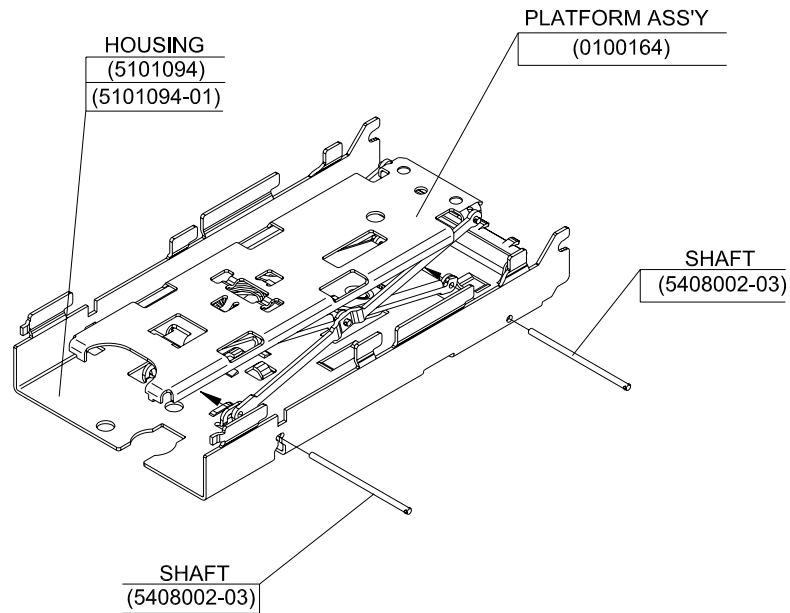


Step 3 -Remove Push Plate by following unbend 2 tabs



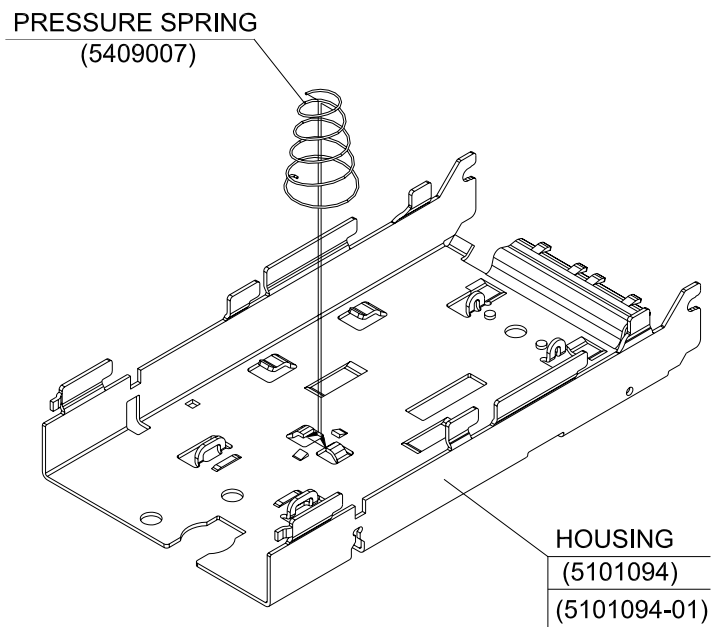
Step 4

- Remove two shaft
- Remove platform ass'y



Step 5

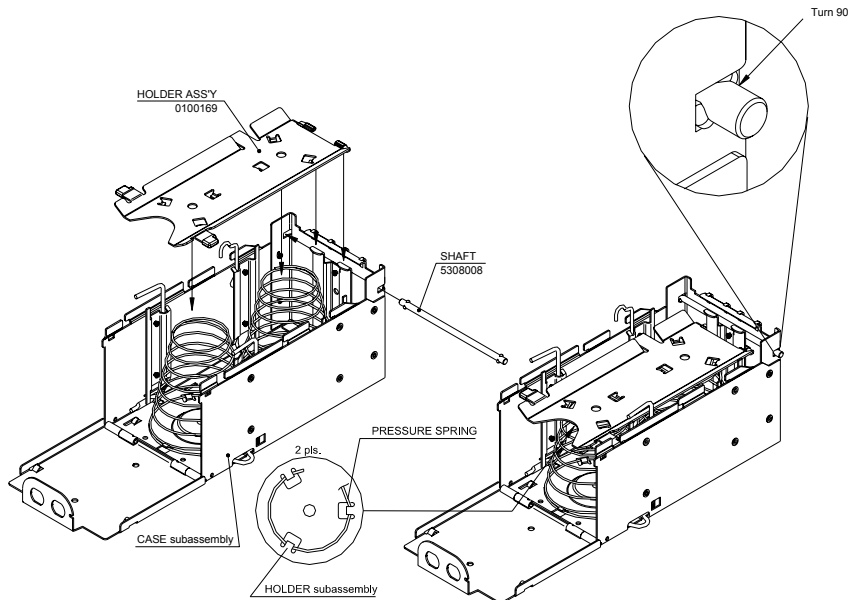
- Remove pressure spring



DISASSEMBLY OF 170; 400; 600; 1000 CAPACITY CASE AND SUBASSEMBLIES

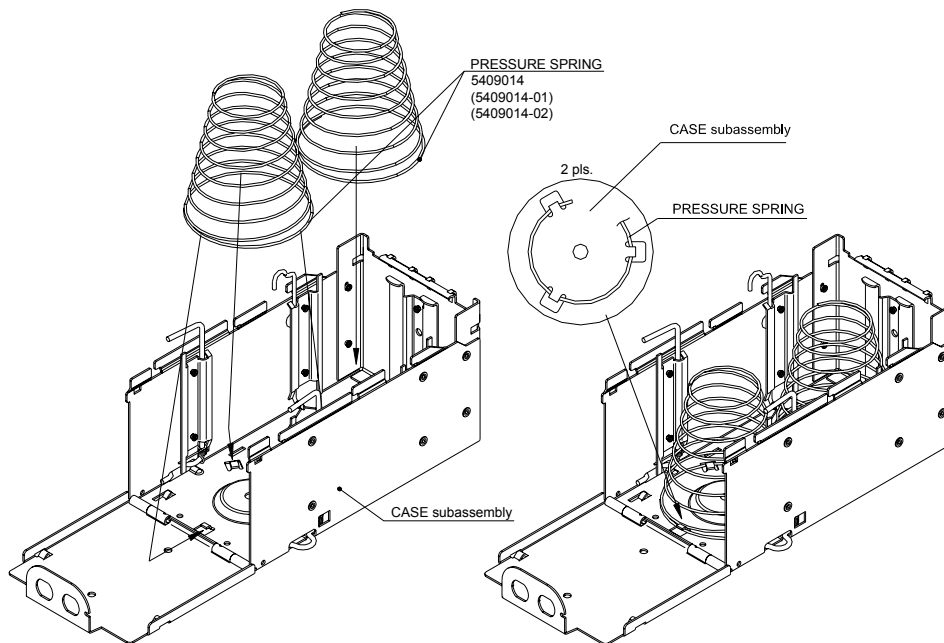
Step 1

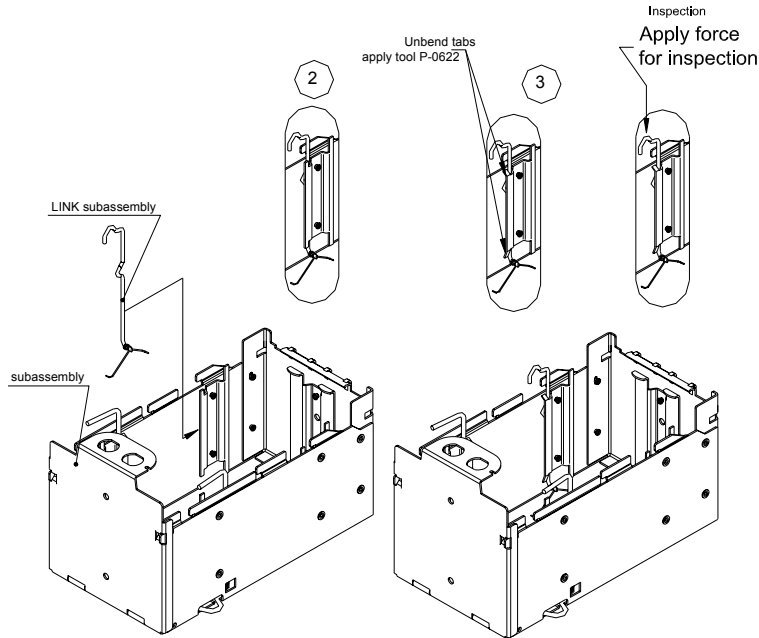
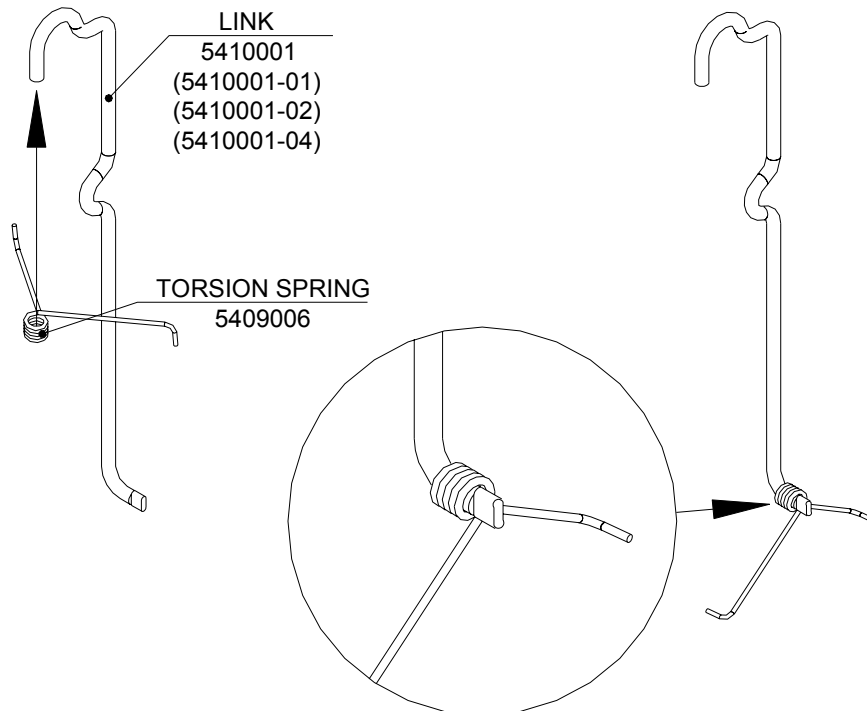
- Remove Shaft
- Remove Holder by to following exempt from Pressure Springs



Step 2

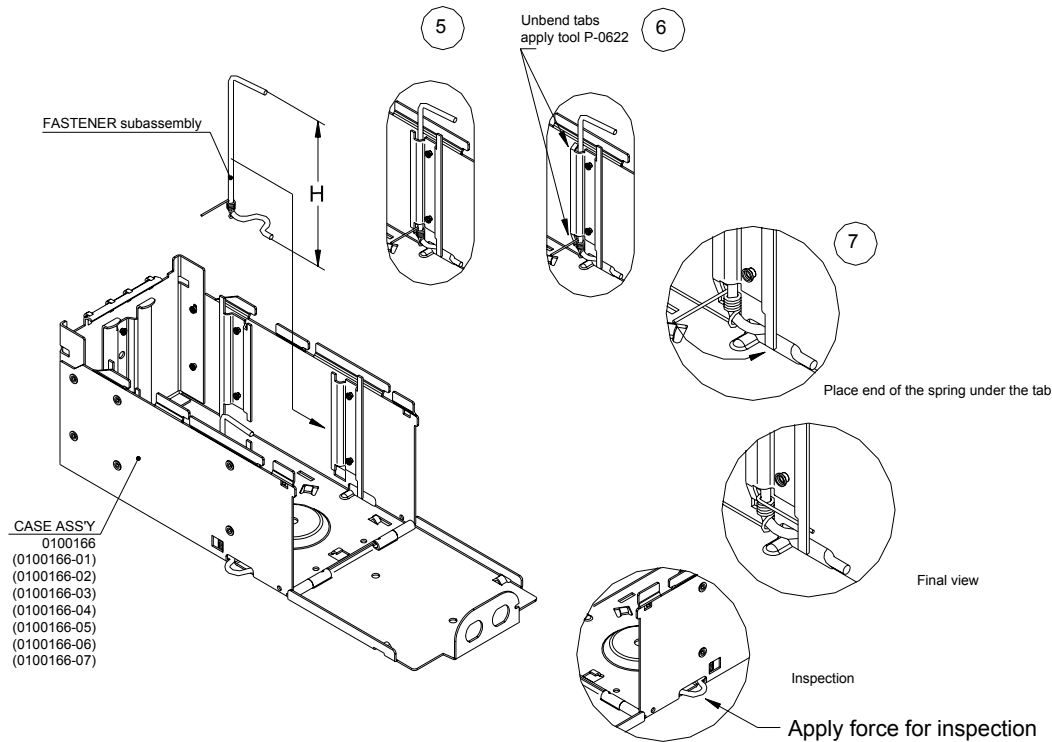
- Remove Pressure Springs



Step 3
-Remove Link with Spring by to following unbend tab

Step 4
-Remove Torsion Springs


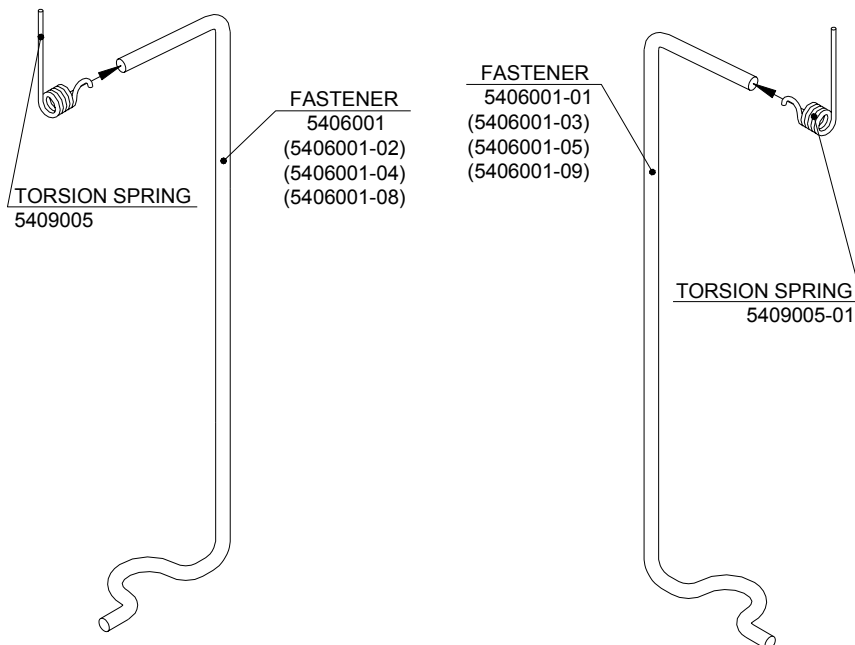
Step 5

-Remove two Fasteners with Spring by following unbend tab



Step 6

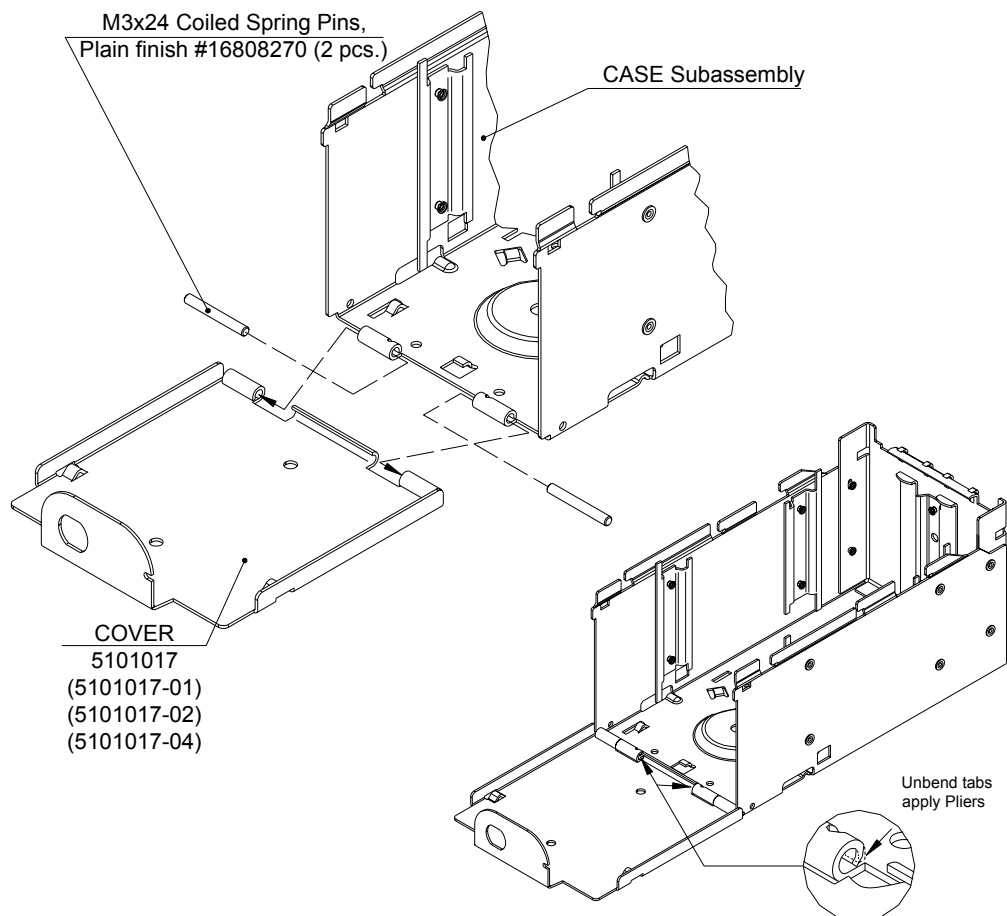
-Remove Torsion Springs



Step 7

-Remove two Coiled Spring Pins by to following unbend 2 tabs

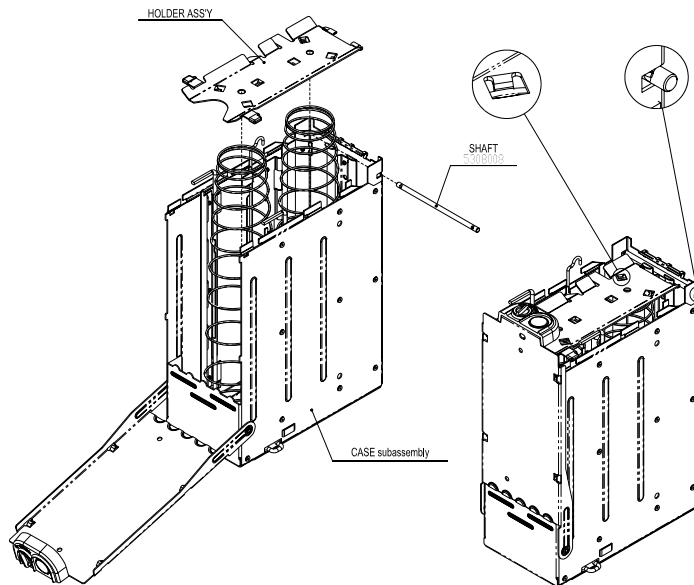
-Remove Cover



DISASSEMBLY OF 1500 CAPACITY CASE AND SUBASSEMBLIES

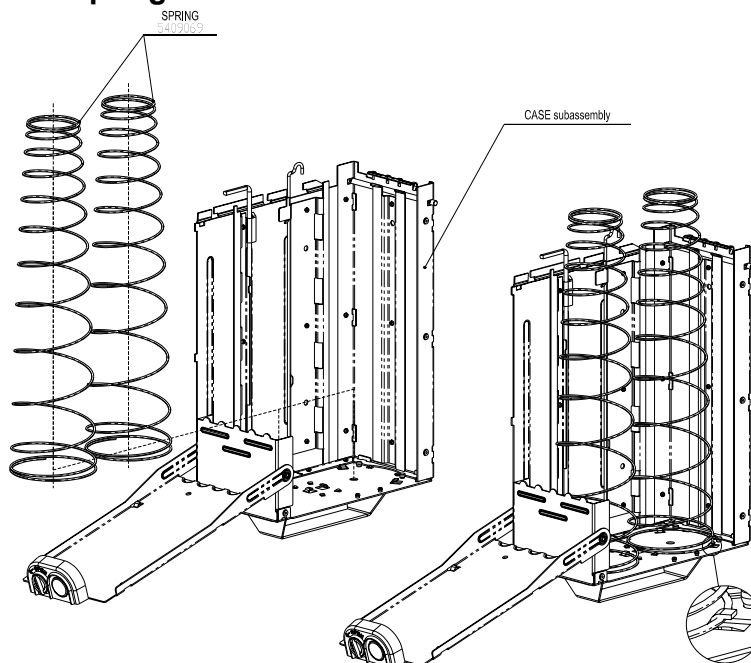
Step 1

- Remove Shaft
- Remove Holder by following exempt from Pressure Springs
- Remove Pressure Springs



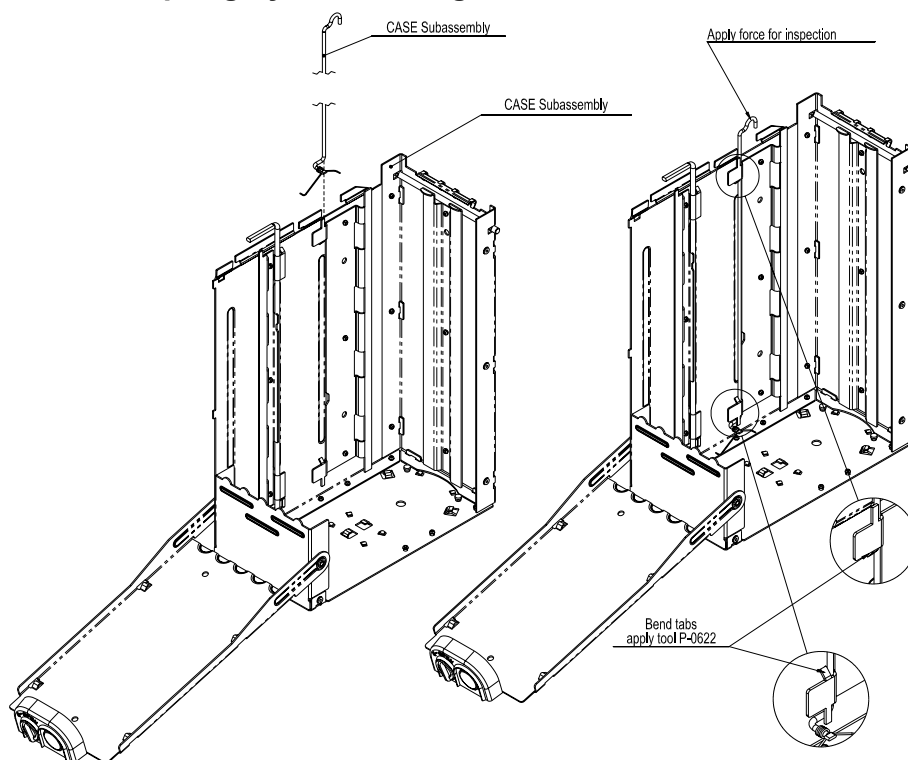
Step 2

- Remove Pressure Springs



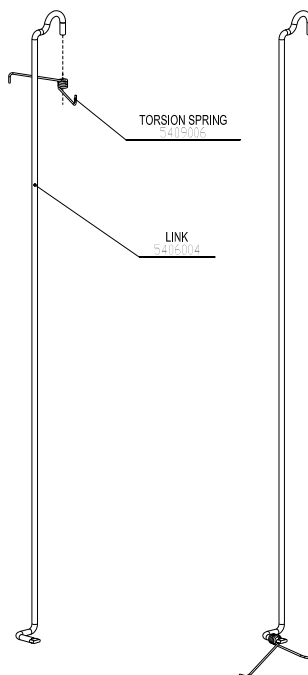
Step 3

-Remove Link with Spring by to following unbend tab



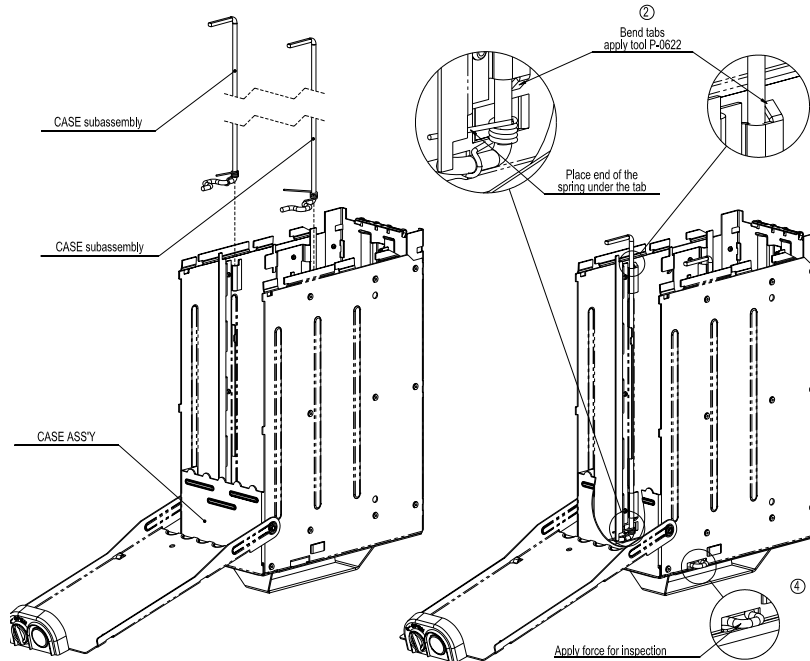
Step 4

-Remove Torsion Spring



Step 5

- Remove two Fasteners with Spring by to following unbend tab
- Remove two Caps and two Shrinkable Tubing



Step 4

- Remove Torsion Springs

