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**TAPE HEAD**

**MODEL: EXC-101**

**OPERATION MANUAL**

## **1. SPECIFICATIONS**

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## **2. OPERATION DESCRIPTION**

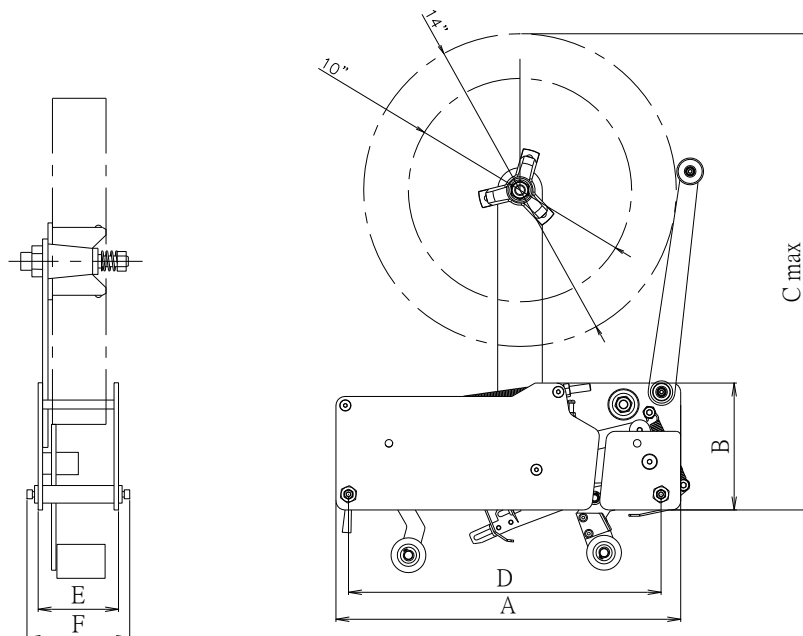
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## **3. PARTS LIST**

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# 1. SPECIFICATIONS

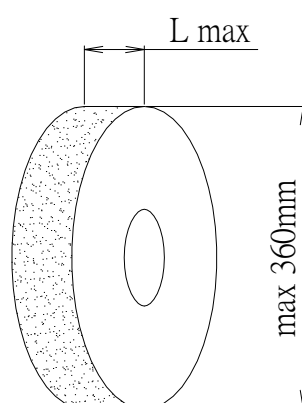
## 1.1 TAPE HEAD DIMENSION



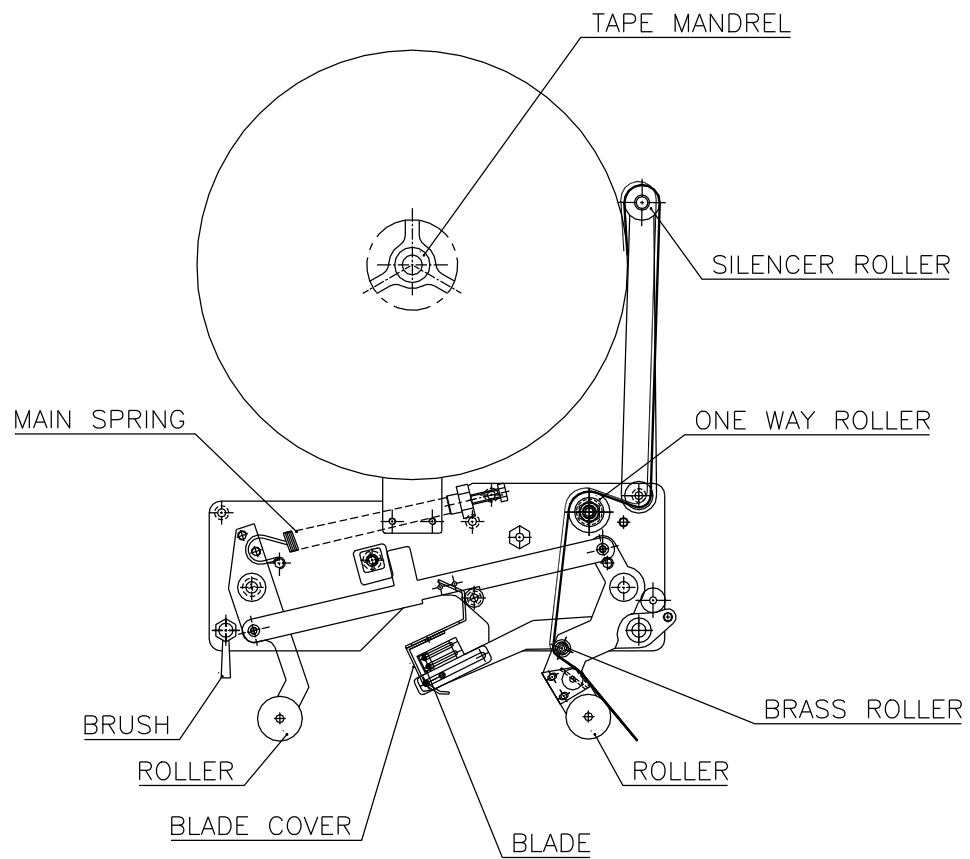
|    | A     | B     | C max     | D     | E     | F         |
|----|-------|-------|-----------|-------|-------|-----------|
| 2" | 386mm | 142mm | 485~540mm | 350mm | 90mm  | 115~145mm |
| 3" | 408mm | 160mm | 485~540mm | 383mm | 115mm | 140~170mm |

## PVC/Polypropylene/Paper

|    | L max |
|----|-------|
| 2" | 50mm  |
| 3" | 75mm  |



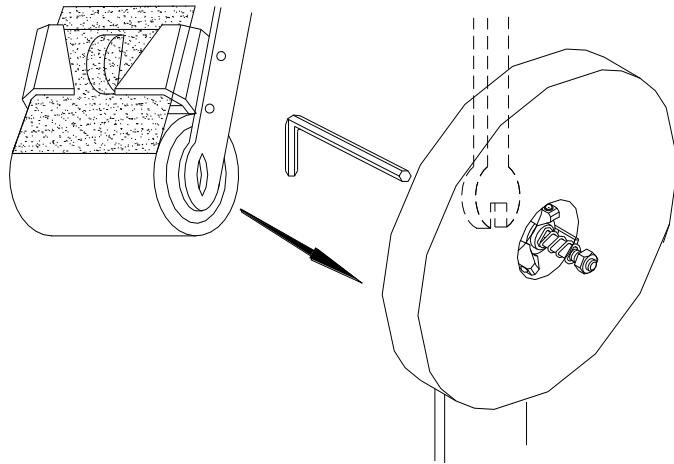
## 1.2 MACHINE DESCRIPTION



## 2. OPERATION DESCRIPTION

### 2.1 ADJUSTMENTS

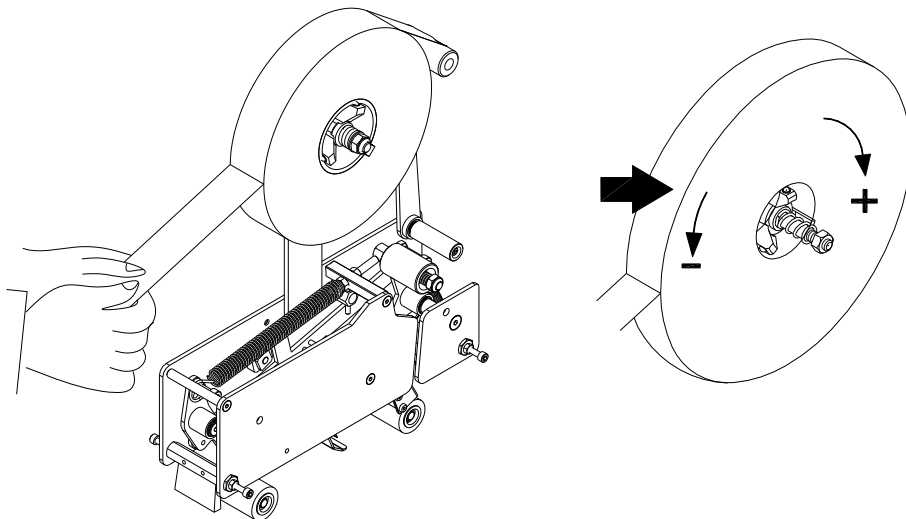
1) Check the center position of the tape on all rollers.



2) Check the tape position for tension

PVC tape: core-holder adjust to the loosen position.

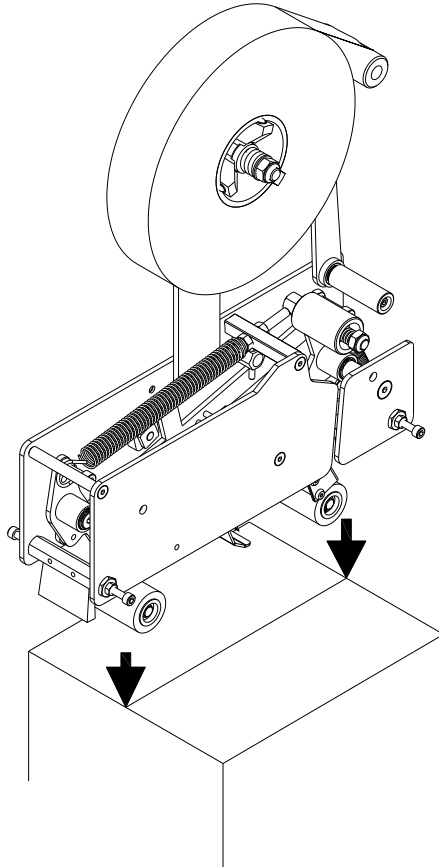
P.P tape: core-holder adjust to the tighten position.



3)Adjust the main spring:

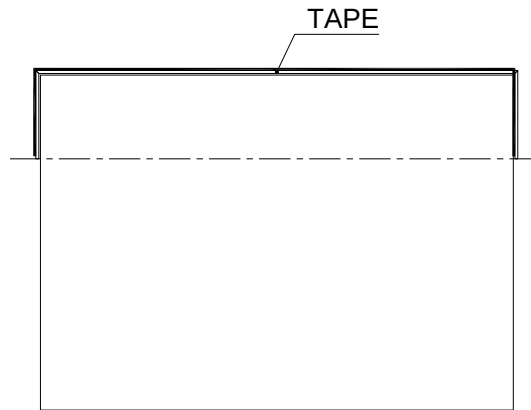
when using light boxes, decrease the spring tension.

when using strong boxes, increase the spring tension.



## 2.2 TAPE LEG ADJUSTMENT

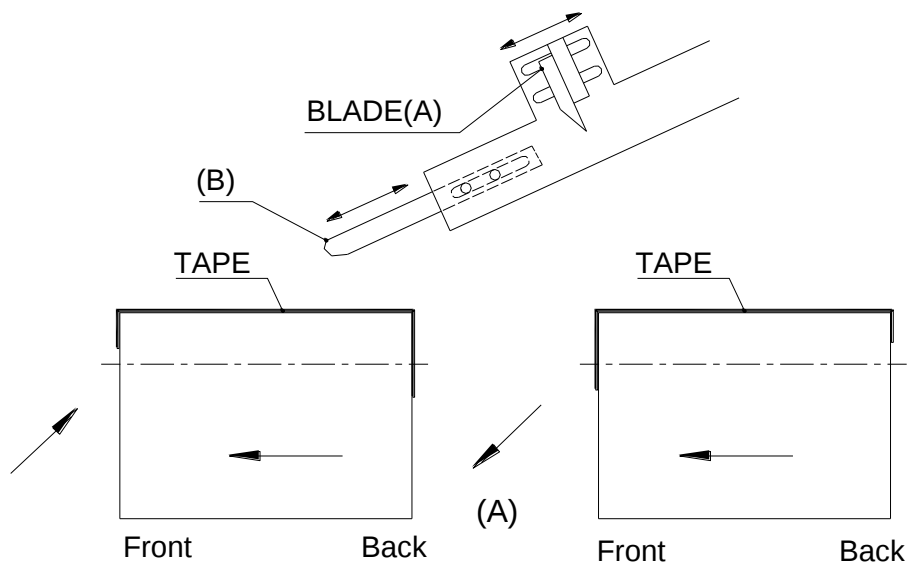
If operator requires to adjust the length of the tape legs, please refer to the following indication on the drawings.



### Adjustment of the tape legs

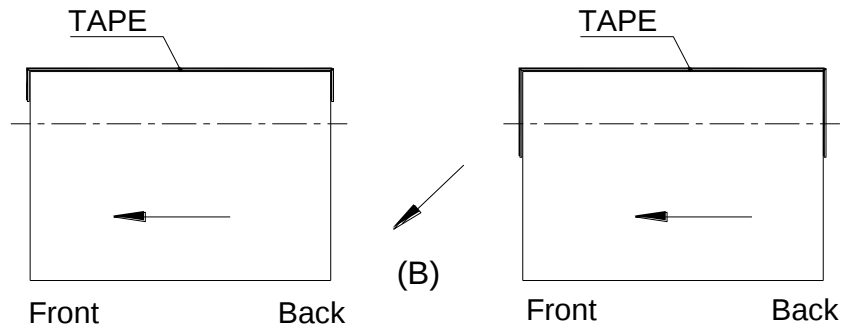
Move the position on blade A. To balance out the tape legs on both ends.

- 1) Move blade upward, operator will get longer rear leg.
- 2) Move blade downward, operator will get longer front leg.



### Adjustment on the length of tape spacing

- 3) Adjust position (B). Upward in order to shorten the length of the tape.
- 4) Adjust position b. Downward to obtain longer length of tape.



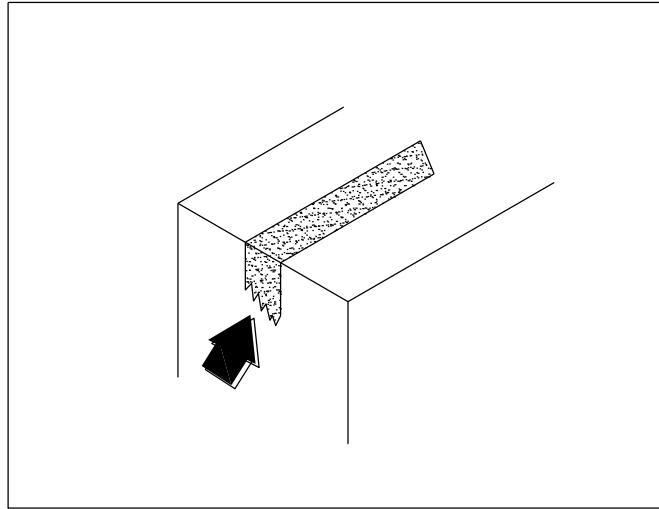
## 2.3 RESOLVING TAPING ISSUES

### Issues

### Solutions

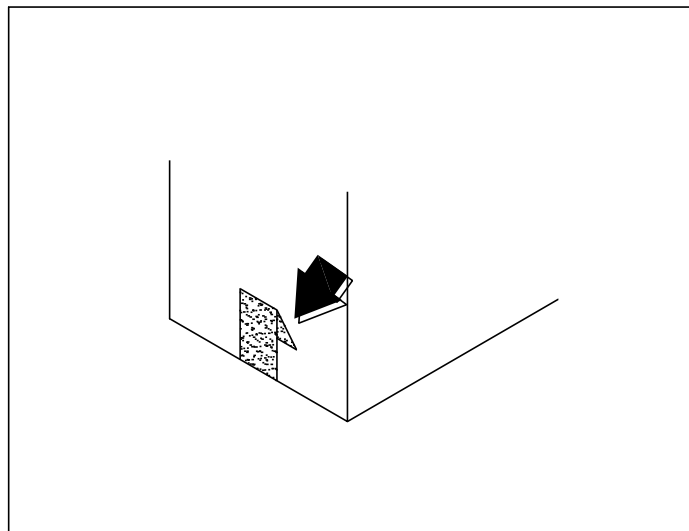
indented cut

● clean the blade or replace it.



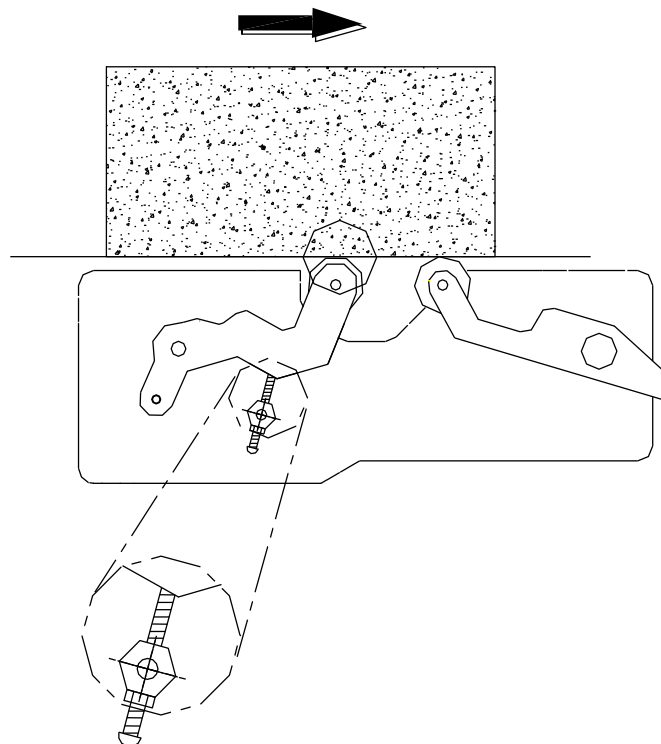
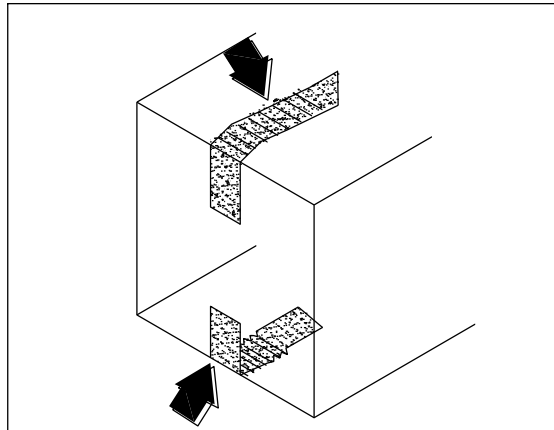
Tape folding

● check all rollers turn freely.



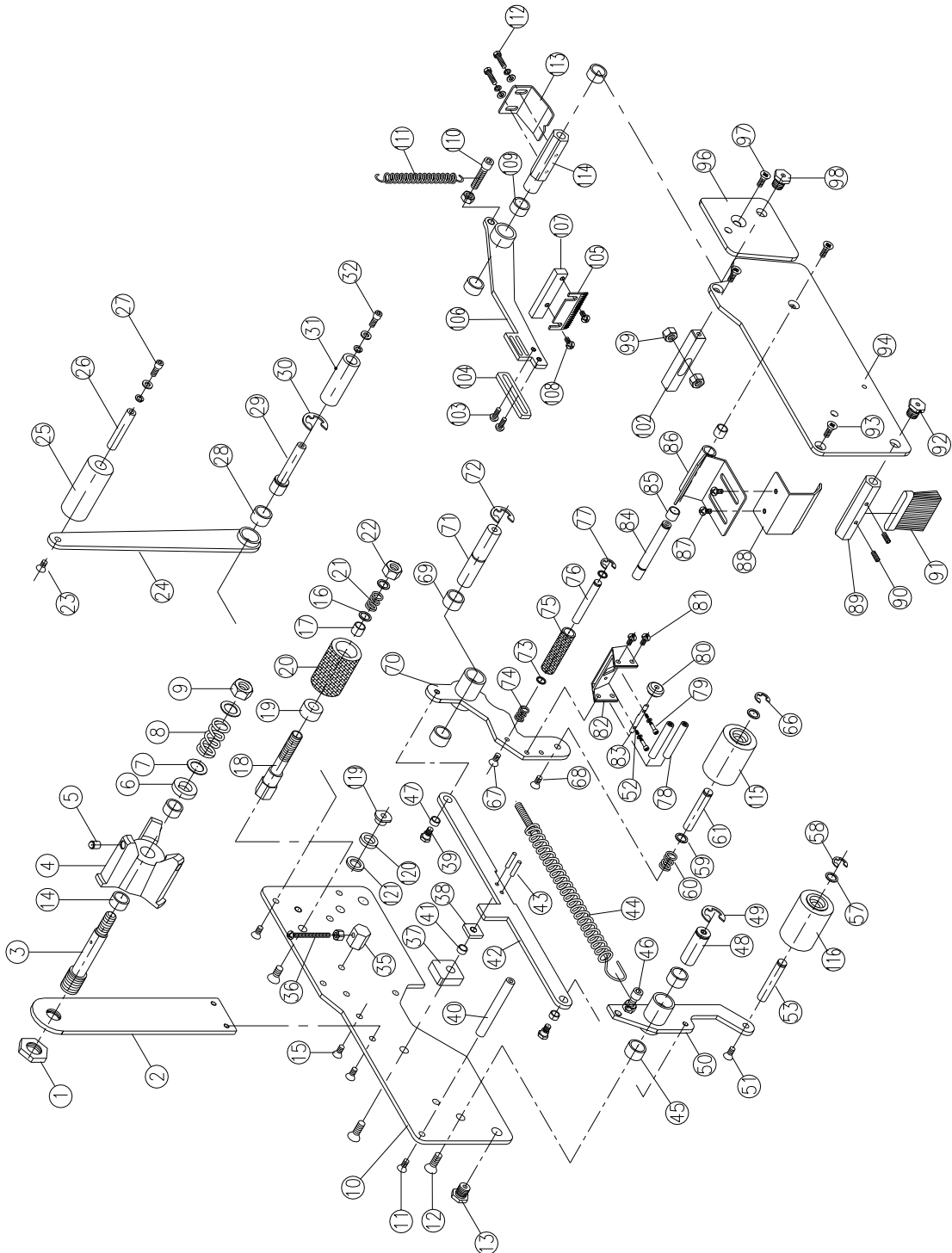
## Tape scrambling

- adjust the tape head height.  
(approx.1.5mm from box)

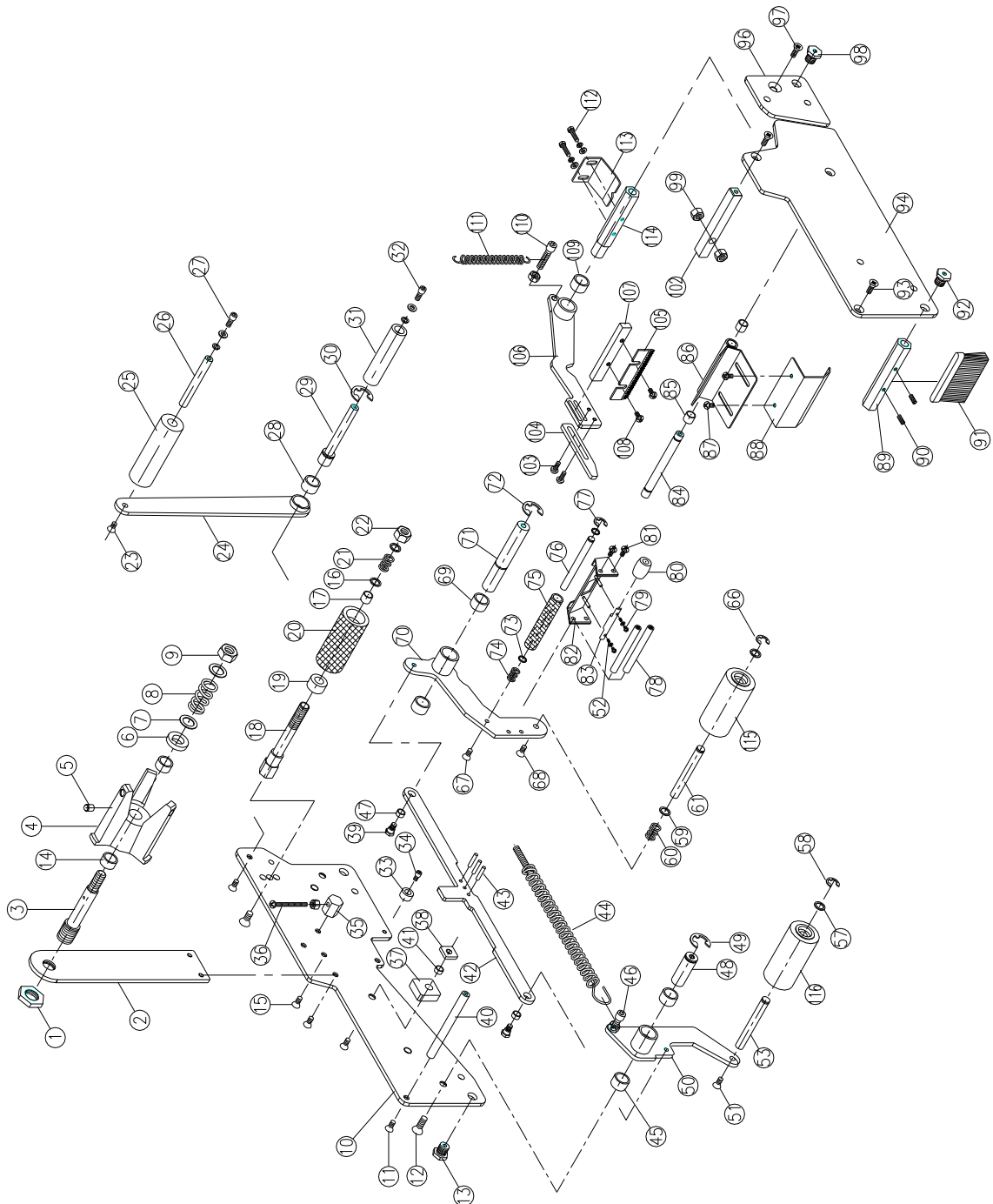


### 3.PARTS LIST

#### 2"TAPE HEAD



## 3"TAPE HEAD



## PARTS LIST FOR EXC-101

| KEY NO | PART NO.        | DESCRIPTION               | Q'TY |
|--------|-----------------|---------------------------|------|
| 1      | P02-008070A     | ADJUSTABLE NUT            | 1    |
| 2      | P01-0137300     | TAPE MANDREL BRACKET      | 1    |
| 3      | P02-008060A     | TAPE MANDREL SHAFT        | 1    |
| 4      | P02-0080500     | TAPE MANDREL (2")         | 1    |
|        | P02-0085400     | TAPE MANDREL (3")         | 1    |
| 5      | P1122-0000100   | SPRING PLUNGERS           | 3    |
| 6      | P06-0022700     | RING WASHER               | 1    |
| 7      | P06-0023000     | WASHER                    | 2    |
| 8      | P1201-0003800   | SPRING                    | 1    |
| 9      | P1102-0112BZ    | NUT M12                   | 1    |
| 10     | P01-0130400     | SIDE PLATE-R (2")         | 1    |
|        | P01-014580A     | SIDE PLATE-R (3")         | 1    |
| 11     | P1101-0406012AN | SCREW M6x12L              | 6    |
| 12     | P1101-0406016AN | SCREW M6x16L              | 4    |
| 13     | P02-0082100     | HOLDING SCREW             | 2    |
| 14     | P1104-081519100 | BUSH Ø15 x Ø19 x 10L      | 2    |
| 15     | P1101-0406012AN | SCREW M6x12L              | 2    |
| 16     | P06-0023700     | WASHER                    | 2    |
| 17     | P1104-081012100 | BUSH Ø10 x Ø12 x 10L      | 1    |
| 18     | P02-008110A     | ONE WAY ROLLER SHAFT (2") | 1    |
|        | P02-0086000     | ONE WAY ROLLER SHAFT (3") | 1    |
|        | P1104-161216160 | SPACE COLLARS             | 1    |
| 19     | P1104-17HF16160 | ONE WAY BEARING           | 1    |
| 20     | P02-0081200     | ONE WAY ROLLER (2")       | 1    |
|        | P02-0086100     | ONE WAY ROLLER (3")       | 1    |
| 21     | P1201-0004000   | SPRING                    | 1    |
| 22     | P1102-0110BZ    | NUT M10                   | 1    |
| 23     | P1101-0406012AN | SCREW M6x12L              | 1    |
| 24     | P02-0313600     | ROLLER ARM (2")           | 1    |
|        | P01-0145700     | ROLLER ARM (3")           | 1    |
| 25     | P06-002280A     | SILENCER ROLLER (2")      | 1    |
|        | P06-0024300     | SILENCER ROLLER (3")      | 1    |
| 26     | P02-0080800     | SILENCER SHAFT (2")       | 1    |
|        | P02-0085500     | SILENCER SHAFT (3")       | 1    |
| 27     | P1101-0505012BN | SCREW M5x12L & S.W & W    | 1    |
| 28     | P1104-081620120 | BUSH Ø16 x Ø20 x 12L      | 1    |
| 29     | P02-0082700     | SHAFT (2")                | 1    |
|        | P02-0085600     | SHAFT (3")                | 1    |
| 30     | P1105-0116B     | RING STW-16               | 1    |

S.W: SPRING WASHER

W: WASHER

## PARTS LIST FOR EXC-101

| KEY NO | PART NO.        | DESCRIPTION                   | Q'TY |
|--------|-----------------|-------------------------------|------|
| 31     | P06-0022900     | SILENCER ROLLER (2")          | 1    |
|        | P06-0024400     | SILENCER ROLLER (3")          | 1    |
| 32     | P1101-0505012BN | SCREW M5x12L & S.W & W        | 1    |
| 33     | P06-002470A     | FIXED RING (3")               | 1    |
| 34     | P1101-0505008AN | SCREW M5x8L (3")              | 1    |
| 35     | P02-0081900     | ADJUSTMENT SHAFT              | 1    |
| 36     | P1101-0305045AZ | SCREW M5x45L                  | 1    |
| 37     | P06-002350A     | FIXED PIECE (2")              | 1    |
| 38     | P01-013800A     | PLATE                         | 1    |
| 39     | P02-0081600     | SIMULTANEOUS BAR SHAFT        | 2    |
| 40     | P02-0082400     | PLATE HOLDING SHAFT (2")      | 1    |
|        | P02-0087000     | PLATE HOLDING SHAFT (3")      | 1    |
| 41     | P1104-080810050 | BUSH Ø8 x Ø10 x 5L            | 1    |
| 42     | P01-013050A     | SIMULTANEOUS BAR (2")         | 1    |
|        | P01-014610B     | SIMULTANEOUS BAR (3")         | 1    |
| 43     | P1109-0105025B  | PIN Ø5x 25L(2")               | 2    |
|        | P1109-0104025B  | PIN Ø4 x 25L(3")              | 3    |
| 44     | P1202-000550A   | MAIN SPRING                   | 1    |
| 45     | P1104-081620120 | BUSH Ø16 x Ø20 x 12L          | 2    |
| 46     | P1101-0508020AN | SCREW M8x20L & NUT            | 1    |
| 47     | P1104-080810050 | BUSH Ø8 x Ø10 x 5L            | 2    |
| 48     | P02-0081700     | ARM ASSEMBLY SHAFT            | 1    |
| 49     | P1105-0116B     | RING STW-16                   | 1    |
| 50     | P02-0313400     | REAR ROLLER ARM ASSEMBLY (2") | 1    |
|        | P02-0085900     | REAR ROLLER ARM ASSEMBLY (3") | 1    |
| 51     | P1101-0406016AN | SCREW M6x16L                  | 1    |
| 52     | P1201-0004100   | SPRING                        | 2    |
| 53     | P02-0081500     | ROLLER SHAFT (2")             | 1    |
|        | P02-0086400     | ROLLER SHAFT (3")             | 1    |
| 54     |                 |                               |      |
| 55     |                 |                               |      |
| 56     |                 |                               |      |
| 57     | P06-0023700     | WASHER                        | 1    |
| 58     | P1105-0110B     | RING STW-10                   | 1    |
| 59     | P06-0023700     | WASHER                        | 2    |

S.W: SPRING WASHER

W: WASHER

## PARTS LIST FOR EXC-101

| KEY NO | PART NO.        | DESCRIPTION                     | Q'TY |
|--------|-----------------|---------------------------------|------|
| 60     | P1201-0004000   | SPRING                          | 1    |
| 61     | P02-0081500     | ROLLER SHAFT (2")               | 1    |
|        | P02-0086400     | ROLLER SHAFT (3")               | 1    |
| 62     |                 |                                 |      |
| 63     |                 |                                 |      |
| 64     |                 |                                 |      |
| 65     |                 |                                 |      |
| 66     | P1105-0110B     | RING STW-10                     | 1    |
| 67     | P1101-0405010AN | SCREW M5x10L                    | 3    |
| 68     | P1101-0406010AN | SCREW M6x10L                    | 1    |
| 69     | P1104-081620120 | BUSH Ø16 x Ø20 x 12L            | 2    |
| 70     | P02-0313300     | FRONT ROLLER ARM ASSEMBLY (2")  | 1    |
|        | P01-014590A     | FRONT ROLLER ARM ASSEMBLY (3")  | 1    |
| 71     | P02-0081800     | ARM ASSEMBLY SHAFT (2")         | 1    |
|        | P02-0086500     | ARM ASSEMBLY SHAFT (3")         | 1    |
| 72     | P1105-0116B     | RING STW-16                     | 1    |
| 73     | P06-0023600     | WASHER Ø8.2 x Ø10.5 x 1t        | 2    |
| 74     | P1201-0003900   | SPRING                          | 1    |
| 75     | P02-0081300     | BRASS ROLLER (2")               | 1    |
|        | P02-0086200     | BRASS ROLLER (3")               | 1    |
| 76     | P02-0081400     | BRASS ROLLER SHAFT (2")         | 1    |
|        | P02-0086300     | BRASS ROLLER SHAFT (3")         | 1    |
| 77     | P1105-0108B     | RING STW-8                      | 1    |
| 78     | P02-0080900     | TAPE HOLDER SUPPORT SHAFT (2")  | 2    |
|        | P02-0085700     | TAPE HOLDER SUPPORT SHAFT (3")  | 2    |
| 79     | P1101-0703A35AZ | SCREW M3x13L                    | 2    |
| 80     | P06-002340A     | TAPE HOLDER SUPPORT ROLLER (2") | 1    |
|        | P06-0024500     | TAPE HOLDER SUPPORT ROLLER (3") | 1    |
| 81     | P1101-0605010BN | SCREW M5x10L                    | 2    |
| 82     | P02-0130800     | TAPE HOLDER SUPPORT (2")        | 1    |
|        | P02-0150000     | TAPE HOLDER SUPPORT (3")        | 1    |
| 83     | P02-0081000     | HOLDER SHAFT (2")               | 1    |
|        | P02-0085800     | HOLDER SHAFT (3")               | 1    |
| 84     | P02-0082300     | BLADE COVER SHAFT (2")          | 1    |
|        | P02-008680A     | BLADE COVER SHAFT (3")          | 1    |
| 85     | P1104-081012100 | BUSH Ø10 x Ø12 x 10L            | 2    |
| 86     | P01-013830A     | BLADE COVER (2")                | 1    |
|        | P01-014640C     | BLADE COVER (3")                | 1    |
| 87     | P1101-0605006BN | SCREW M5x6L                     | 2    |

S.W: SPRING WASHER

W: WASHER

## PARTS LIST FOR EXC-101

| KEY NO | PART NO.        | DESCRIPTION                   | Q'TY |
|--------|-----------------|-------------------------------|------|
| 88     | P01-0138400     | BLADE COVER (2")              | 1    |
|        | P01-014650B     | BLADE COVER (3")              | 1    |
| 89     | P02-0082600     | BRUSH SUPPORT (2")            | 1    |
|        | P02-0087200     | BRUSH SUPPORT (3")            | 1    |
| 90     | P1101-0705006AB | SCREW M5x6L                   | 2    |
| 91     | P13-0000500     | BRUSH (2")                    | 1    |
|        | P13-0000600     | BRUSH (3")                    | 1    |
| 92     | P02-0082100     | HOLDING SCREW                 | 2    |
| 93     | P1101-0406012AN | SCREW M6x12L                  | 3    |
| 94     | P01-019720A     | SIDE PLATE-L (2")             | 1    |
|        | P01-014660A     | SIDE PLATE-L (3")             | 1    |
| 96     | P01-013860A     | PLATE-L (2")                  | 1    |
|        | P01-014670A     | PLATE-L (3")                  | 1    |
| 97     | P1101-0408012AN | SCREW M8x12L                  | 1    |
| 98     | P02-0082100     | HOLDING SCREW                 | 1    |
| 99     | P1102-0108AZ    | NUT M8                        | 2    |
| 102    | P02-0082500     | BRUSH HOLDER SHAFT (2")       | 1    |
|        | P02-0087100     | BRUSH HOLDER SHAFT (3")       | 1    |
| 103    | P1101-0605010BN | SCREW M5x10L                  | 2    |
| 104    | P06-0051100     | BLADE ARM ADJUSTABLE BAR (2") | 1    |
|        | P01-014630A     | BLADE ARM ADJUSTABLE BAR (3") | 1    |
| 105    | P02-0082000     | BLADE (2")                    | 1    |
|        | P02-0086700     | BLADE (3")                    | 1    |
| 106    | P02-0313500     | BLADE ARM (2")                | 1    |
|        | P01-014620A     | BLADE ARM (3")                | 1    |
| 107    | P02-0079100     | BLADE SEAT (2")               | 1    |
|        | P02-008660C     | BLADE SEAT (3")               | 1    |
| 108    | P1101-0605010BN | SCREW M5x10L                  | 2    |
| 109    | P1104-081519100 | BUSH Ø15 x Ø19 x 10L          | 2    |
| 110    | P1101-0508030AN | SCREW M8x30L & NUT            | 1    |
| 111    | P1202-0005400   | BLADE ARM SPRING              | 1    |
| 112    | P1101-1005010AZ | SCREW M5x10L & S.W & W        | 2    |
| 113    | P01-0138700     | GUIDE PLATE                   | 1    |
| 114    | P02-0082200     | HOLDER SHAFT (2")             | 1    |
|        | P02-0086900     | HOLDER SHAFT (3")             | 1    |
| 115    | P06-0023200     | ROLLER SET (FRONT) (2")       | 1    |
|        | P06-0024800     | ROLLER SET (FRONT) (3")       | 1    |
| 116    | P06-0023300     | ROLLER SET (REAR) (2")        | 1    |
|        | P06-0024900     | ROLLER SET (REAR) (3")        | 1    |
|        |                 |                               |      |
|        |                 |                               |      |
| 119    | P02-0075900     | FIXED SHAFT (2")              | 1    |
| 120    | P06-0020800     | BUMPER (2")                   | 1    |
| 121    | P01-0130600     | WASHER (2")                   | 1    |

S.W: SPRING WASHER

W: WASHER