START International

We Are Dispensers

Barcodes
Promotional Labels
ELECTRONICS
APPLIANCE
pharmaceutical
Safety Seal
AUTOMOTIVE
Tape Dispensers
MANUFACTURING
Heat Shrink Tubing
Wire Harnessing
VHB Application
PACKAGING
Die-Cut Gaskets
Non-Adhesive Cutters
Product ID
SOLAR & WIND POWER
Battery Manufacturing
Parts Assembly
FOOD & BEVERAGE
RFID
MEDICAL
Label Dispensers

TDA080

labelmoto

THE LABEL DISPENSER BY START INTERNATIONAL

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START International
4270 Airborn Drive, Addison, TX 75001, U.S.A.
Tel 1.972.248.1999 • Fax 1.972.248.1991 • service@STARTinternational.com
www.STARTinternational.com

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Read this user's manual before use to ensure proper operation. Keep the manual on hand for reference in case there is a problem.

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WARRANTY POLICY FOR LD SERIES LABEL DISPENSERS

START International warrants all parts on TDA080 series tape dispensers against defects in design, materials and workmanship for a period of 360 days. Parts excluded from this are: cutting blades, silicone rollers and cutter liners; these parts are considered "wear parts". Labor to replace defective parts will be performed at no charge for the first 180 days after date of purchase. Warranty does not cover transportation costs.

START International's sole obligation under this warranty is limited to repair, replacement or credit of the purchase price, at our option, which do not properly perform the function for which they were designed.

Warranty repair is contingent upon START's examination and determination that alleged defects have not been caused by misuse, abuse, improper installation or application, repair, alteration, accident or neglect in use, storage, transportation or handling.

The above warranty and remedy constitutes START International's sole liability hereunder and are in lieu and exclusive of all other warranties and remedies expressed, implied, or statutory, including, but not limited to, those of merchantability and fitness for a particular purpose.

REPAIR POLICY

Contact START INTERNATIONAL to determine nature of problem.
Furnish START with the following information:
1. Who the unit was purchased from.
2. Model number and serial number.
3. Date purchased (copy of invoice or packing slip required).

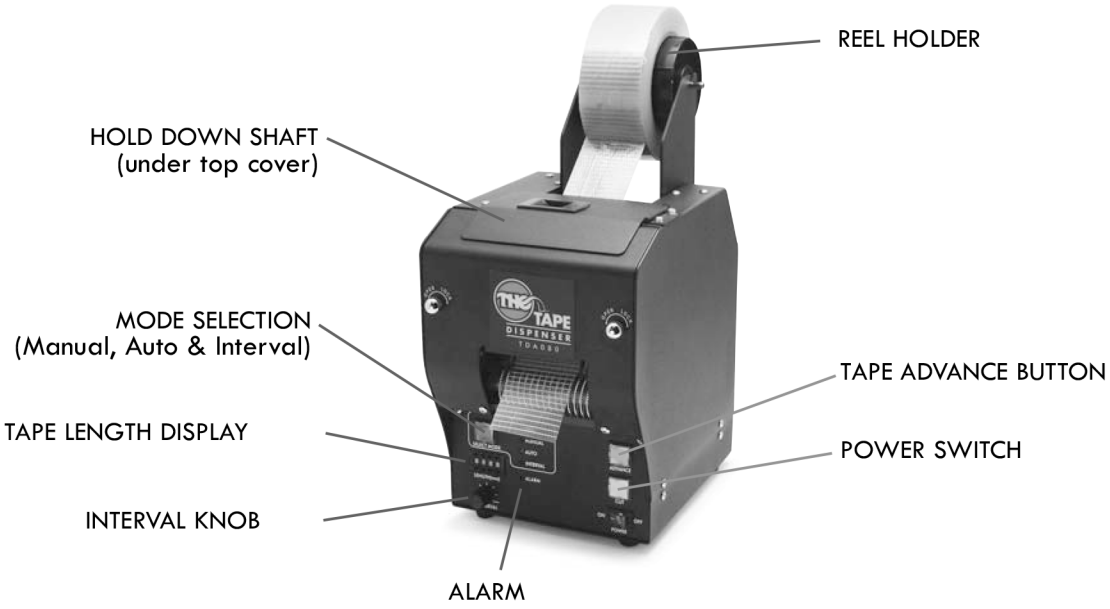
START will issue an RMA (Return Material Authorization) for the repair. Return machine to START by freight, insured and prepaid. START will notify the customer if there is a repair charge.A $25.00 evaluation charge will apply to all non-warranty repairs, which will be applied to repair change.
For the full Warranty & Repair policy please visit www.STARTinternational.com

FEATURES

- When using automatic feed, remove the first piece of tape, the unit will automatically feed and cut the next piece at the preset length.
- Feed length can be easily set using thumbwheel controls.
- Hold down shaft increases accuracy by maximizing tape adhesion to the feed rollers.
- The blade is easy to remove and replace.
- Optional serrated blades for hard to cut materials.

NOTES

- Do not leave tape dispenser in direct sunlight.
- Wipe with dry cloth only.
- Do not drop the dispenser or subject it to heavy shock.
- Turn off machine when not in use.



- Tape Length Display – Shows preset feed length. Four-digit display can be set from 50-9999mm.
- Interval Knob – Sets delay time before dispensing next piece.
- Auto/Manual Switch – Toggles operating mode between Manual (press Tape Advance button to dispense) and Auto (automatic feed and cut when piece is removed)
- Power Switch – Press to turn power On and Off.
- Tape Advance Button – Press to feed and cut one piece of tape to the preset length.
- Hold Down Shaft – Increases adhesion to feed roller.
- Reel Holder – 3” core to hold material.
- Alarm – Lights when there is a malfunction in the unit.

SET-UP

1. With Power Switch off, plug power cord into dispenser and then into wall outlet.
2. Make sure machine is grounded properly.
3. Set the Tape Length Display to 200mm.
4. Set the Auto/Manual Switch to Manual.
5. Turn dispenser Power Switch on, switch will be illuminated.
6. Place tape roll on Reel Holder.
7. Put Reel Holder into reel holder slots.
8. Open latched top cover and remove metal Hold Down Shaft.
9. Press end of tape firmly onto metal feed roller, then replace Hold Down Shaft over tape and close top cover.
10. Press Tape Advance Button.
11. Remove tape then press Tape Advance Button again to ensure proper feeding.

OPERATION

- After tape has been loaded and fed, turn Power Switch off.
- Set Tape Length Display to required length using the push buttons above and below the numerical display. ** **The length shown is in millimeters**.**
- Push button Auto/Manual Switch to desired location.
  AUTO: When the cut piece of tape is removed from the machine, the next piece is automatically fed and cut. The Interval Knob will set the time delay before the next piece is dispensed. Maximum delay is 25 seconds.
  MANUAL: The Tape Advance Button must be pressed each time a piece of tape is needed. The tape will then be fed and cut.
- Turn Power Switch on.
- Press Tape Advance Button to begin dispensing tape.

SPECIFICATIONS

Model #	Tape Width	Cut length	Max. Outside Dia. Þ	Core Diameter**	Accuracy of Cut*	Tape Cutter	Feed Type	Length Setting	Weight	Dimensions
TDA080	.25 to 3.15" (6.4 to 80mm)	2 to 394" (50 to 9999mm)	9" (251mm)	3" (76.2mm)	+/- .04" (1mm)	Automatic	Automatic	Digital	21lbs. (9.5kg)	9"(L) x 6.625"(W) x 12"(H) / 229mm(L) x 168mm(W) x 305(H)

• Auxiliary stand available for diameters up to 24".
* Dependant on material.
** Other sizes avalaible.

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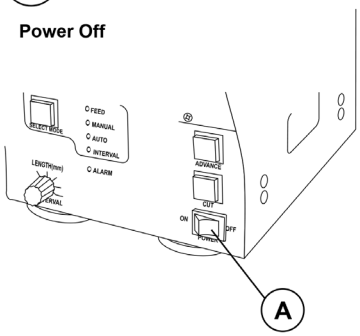
QUICK Start GUIDE

1

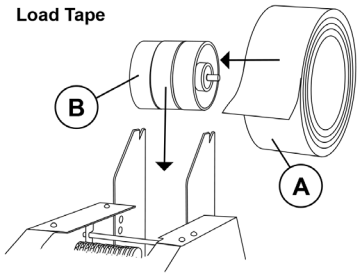
Power Off



A: Ensure power button is set to off

2

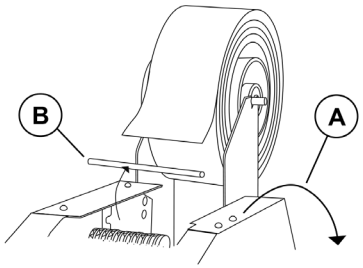
Load Tape



A: Slide tape roll onto core holder
B: Place loaded core on holding bracket

3

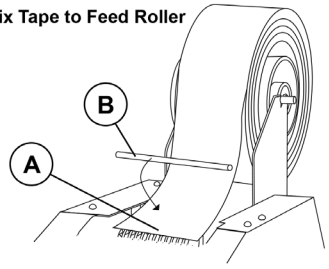
Open Top Panel



A: Open top door panel
B: Remove hold down shaft guide from unit.

4

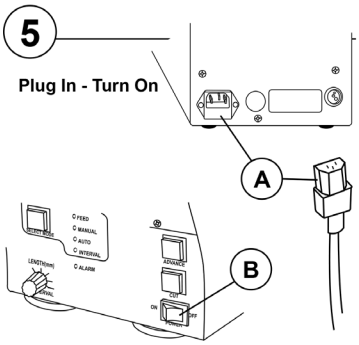
Affix Tape to Feed Roller



A: Affix tape onto feed roller
B: Re-insert hold down shaft into guide.

5

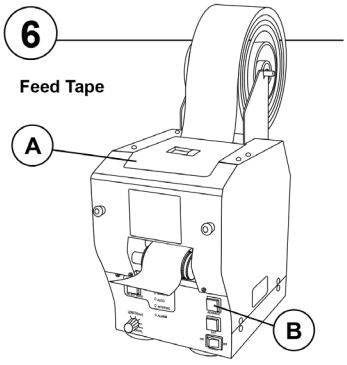
Plug In - Turn On



A: Connect power cord (in back)
B: Press power switch (on front) to turn on the machine

6

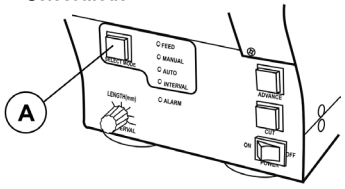
Feed Tape



A: Close top panel door
B: Press advance button to feed tape

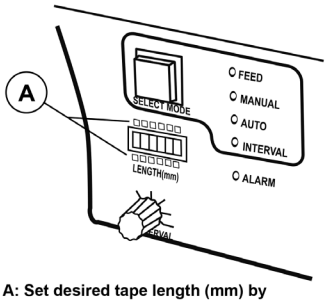
7

Select Mode



A: Choose desired operation mode:
- FEED
- MANUAL (feed & cut)
- AUTO (feed & cut)
- INTERVAL (feed & cut)

8



A: Set desired tape length (mm) by pushing up or down buttons

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TROUBLESHOOTING

When problems occur, carry out the following procedures. If the tape dispenser does not operate normally after following the troubleshooting procedures, contact your supplier or Start International.

No power light / Tape does not feed

- Unplug unit and plug in again.
- Turn power switch off, wait 5 seconds, turn unit back on.
- Check that front panel is closed securely, and safety interlock is engaged.
- Verify that the fuse has not blown.
- Check that Tape Length Display is 40mm or greater.

Tape does not feed when unit is in AUTO mode

- Check that Auto/Manual Switch is in correct position.
- Turn Interval Knob all the way counterclockwise.
- Wait 1 full second after tape is cut before removing tape from machine.

Blade sticks in closed position

- Apply silicon oil to #242 Blade Roller.

Tape is not cut all the way through

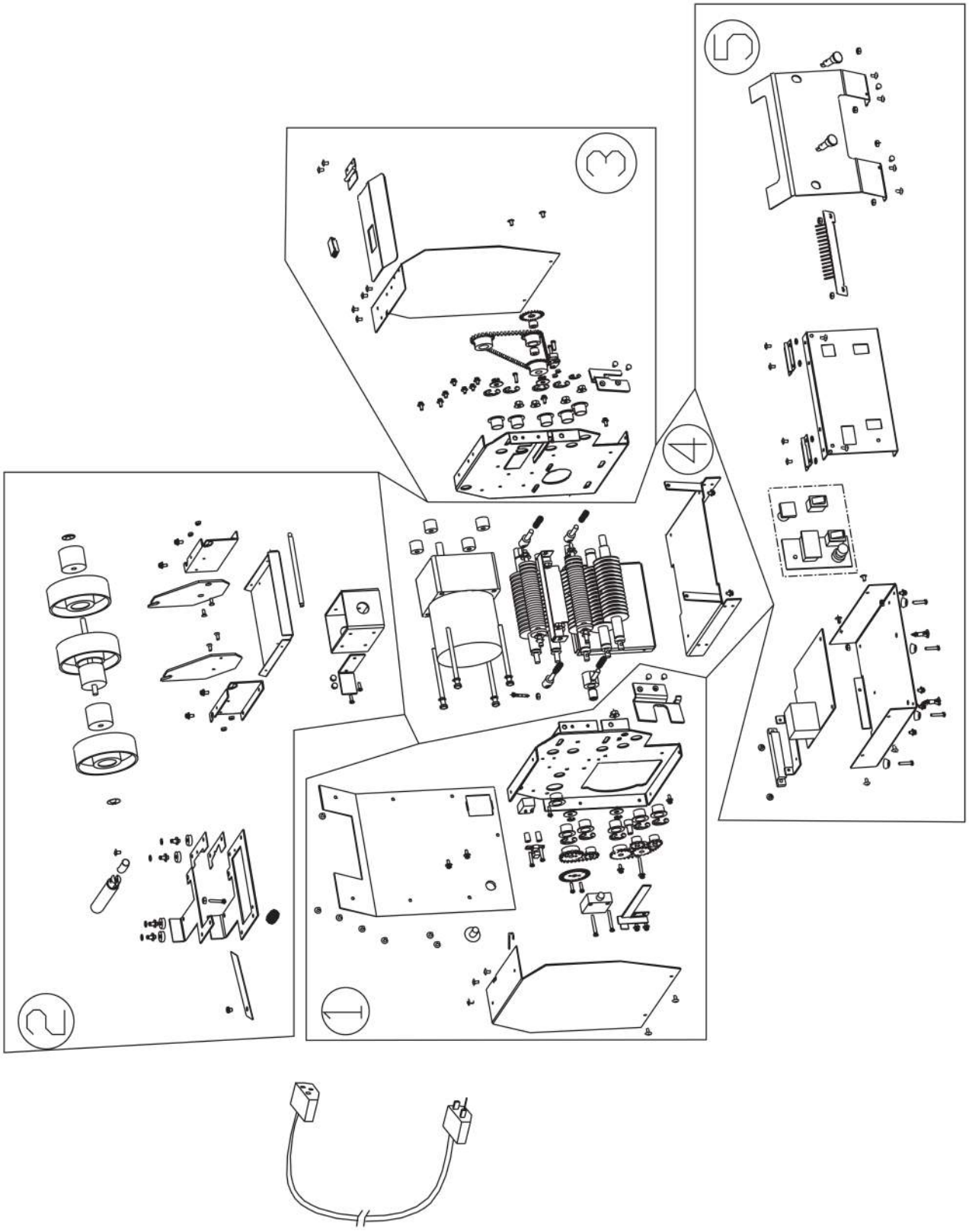
- Replace #279 blade with #279S serrated blade.

PREVENTIVE MAINTENANCE

WEEKLY – Wipe feed rollers and blade with proper solvent to remove adhesive build-up.

MONTHLY – Apply silicon oil (available from Start International) to #242 blade roller. Inspect pressure rollers and cutting blade for wear.

EXPLODED VIEWS



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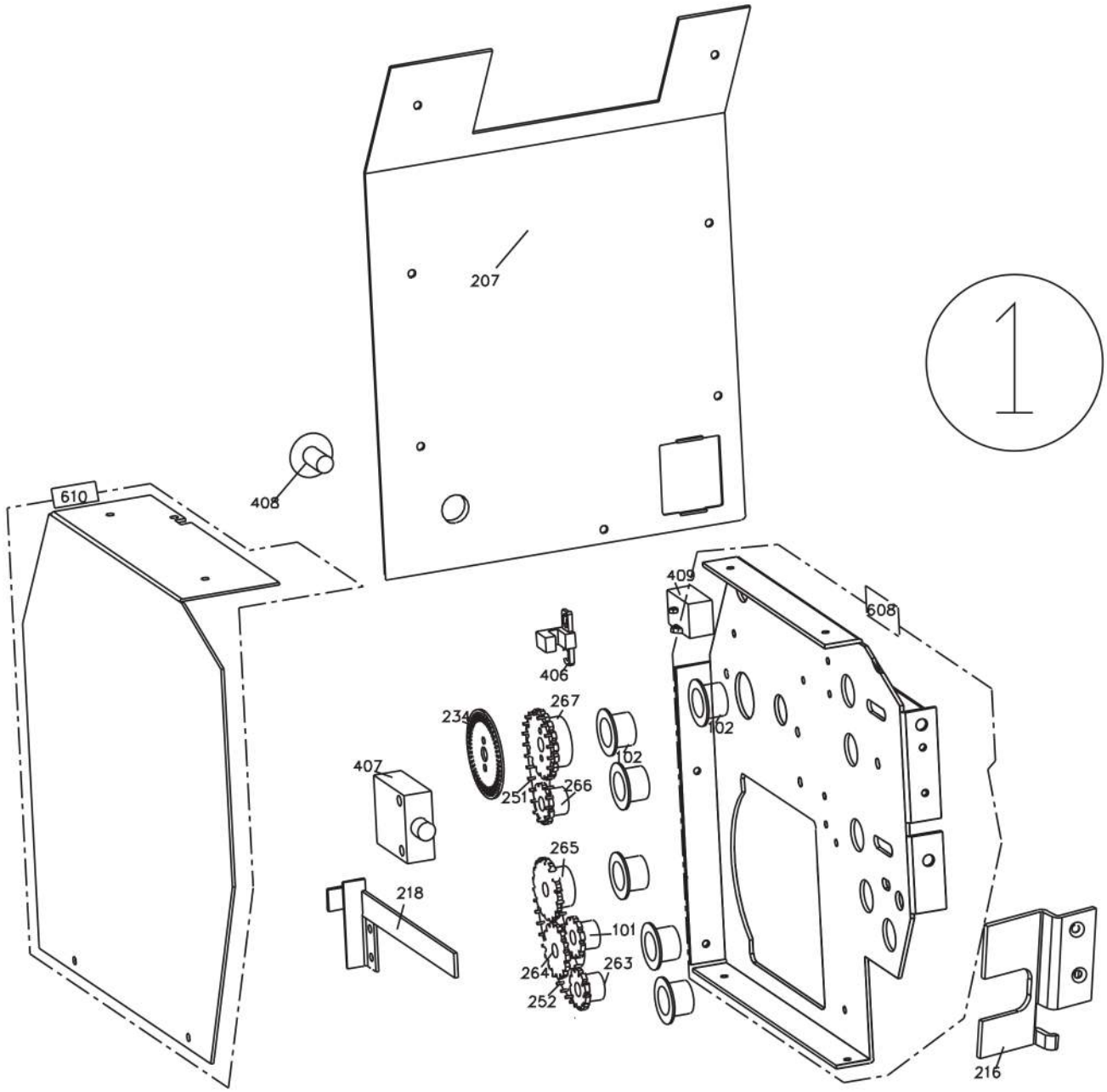
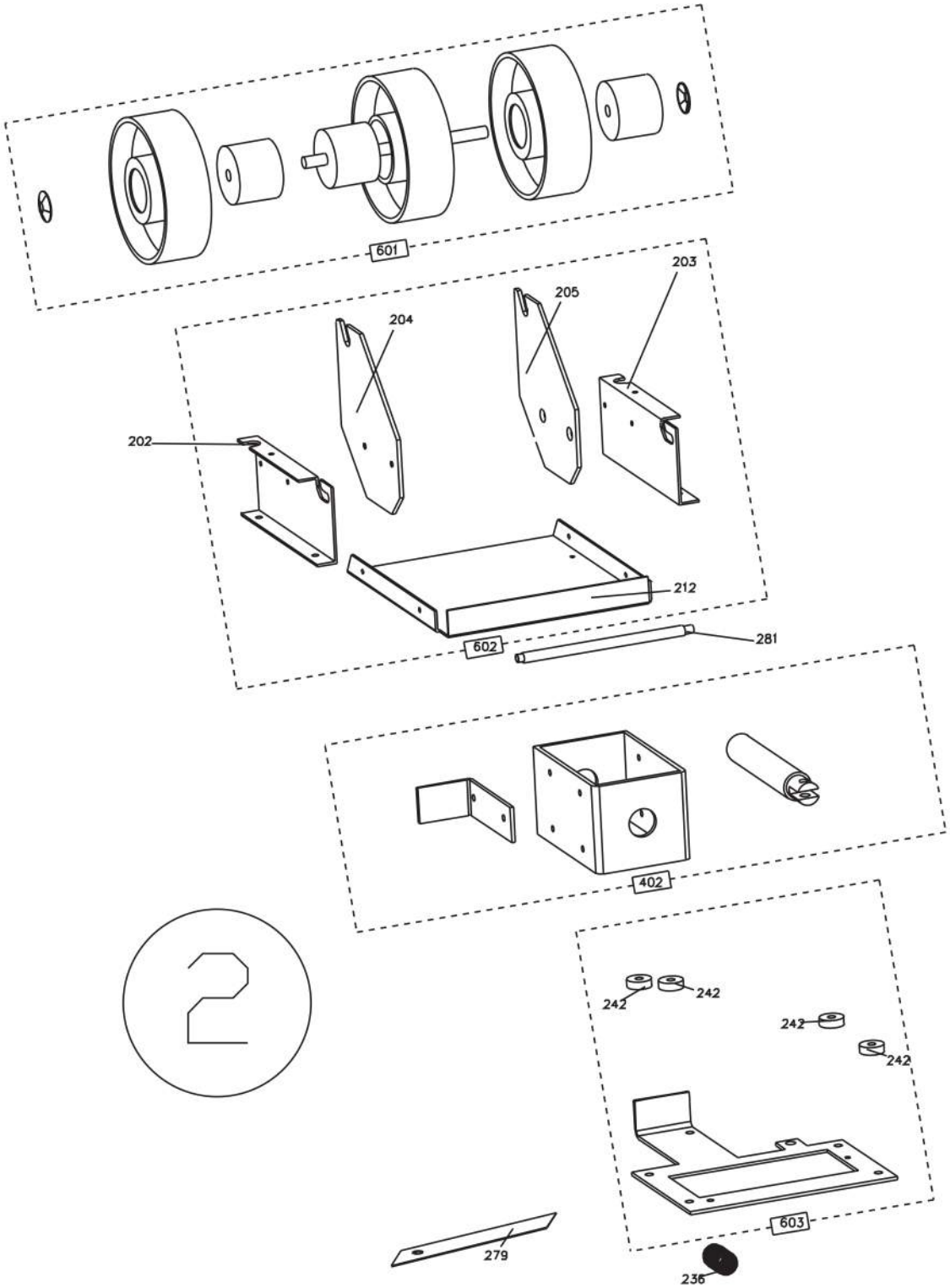


EXPLODED VIEW



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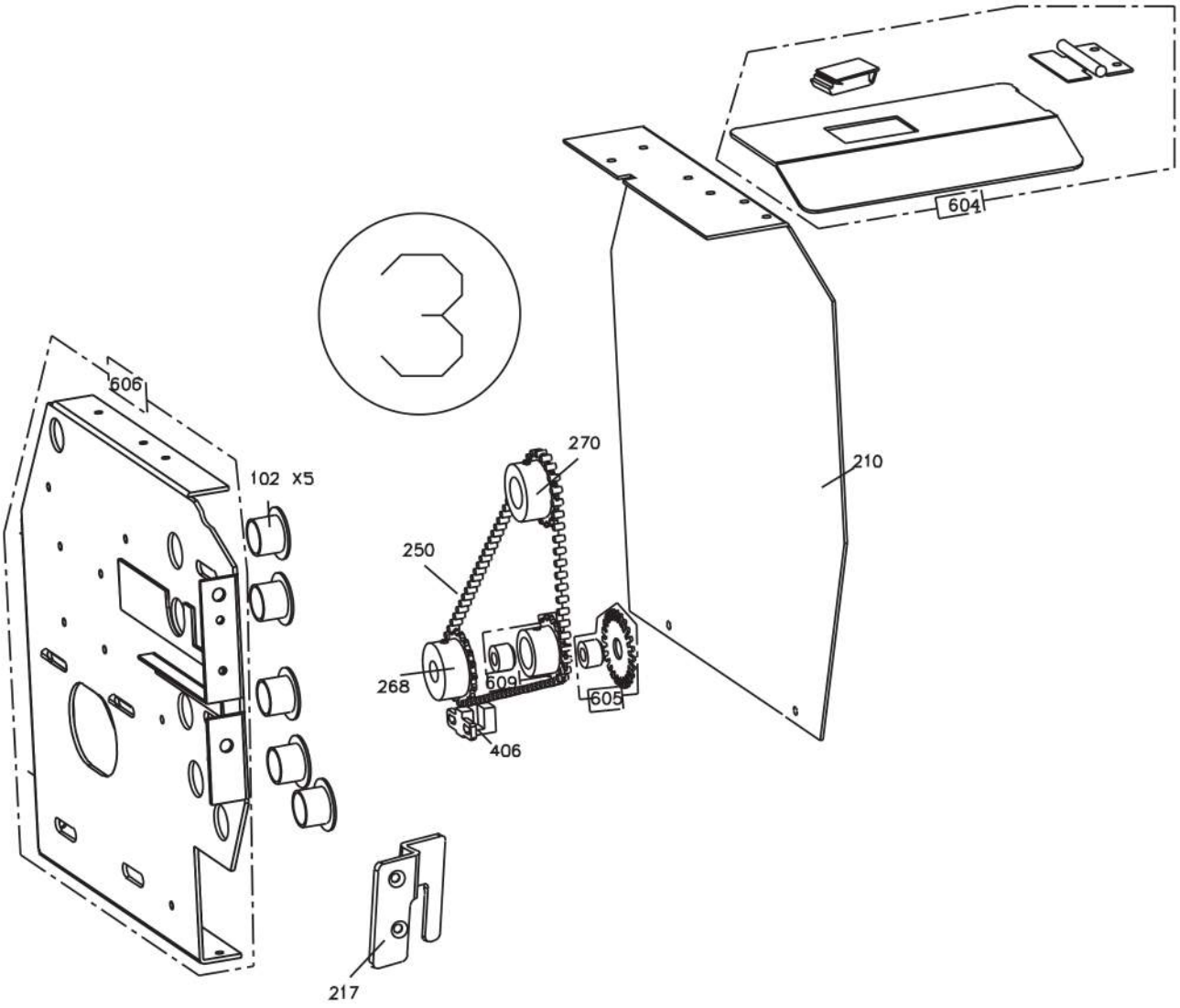

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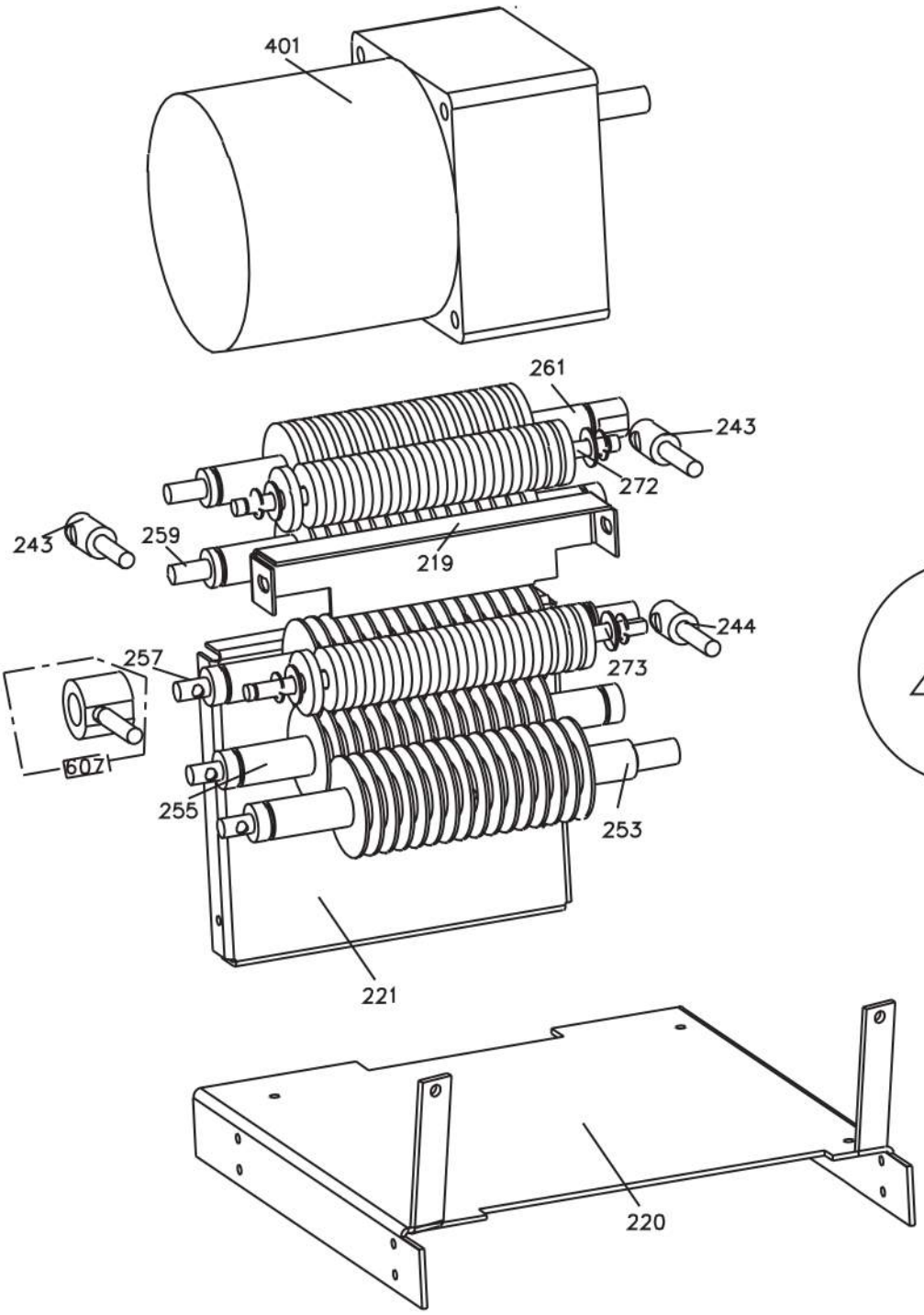

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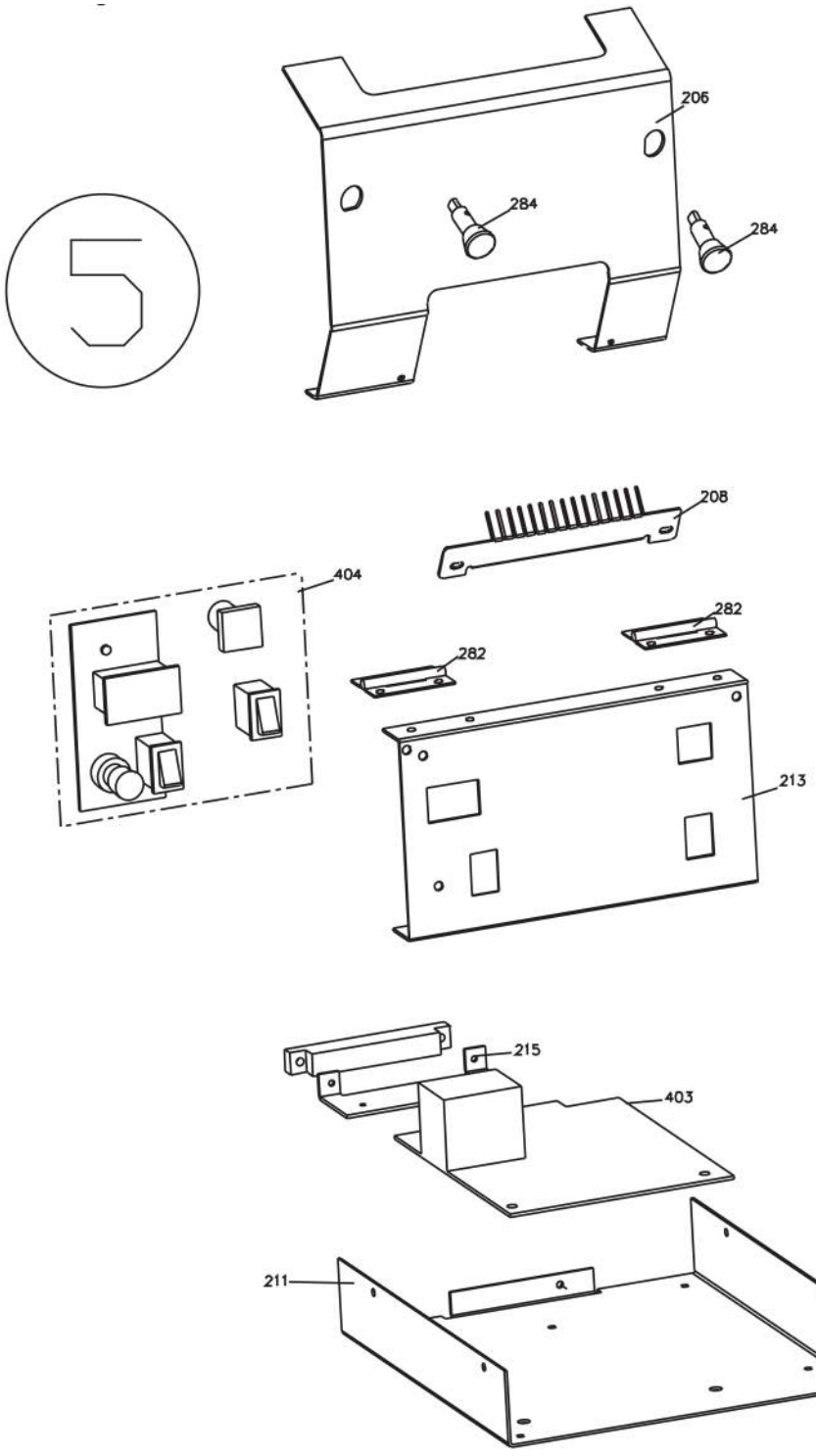

Part#	Section#	Part Name	Part#	Section#	Part Name
TDA080P101	1	Plastic gear w/ hardware	TDA080P244	4	Roller support lower w/ hardware
TDA080P102	1,2	Plastic sleeve	TDA080P250	3	Drive chain
TDA080P110	5	Rubber feet	TDA080P251	1	Feed chain 1
TDA080P202	2	Left reel bracket plate w/ hardware	TDA080P252	1	Feed chain 2
TDA080P203	2	Right reel bracket plate w/ hardware	TDA080P253	4	Feed roller "A" w/ hardware
TDA080P204	2	Left reel bracket w/ hardware	TDA080P255	4	Feed roller "B" w/ hardware
TDA080P205	2	Right reel bracket w/ hardware	TDA080P257	4	Feed roller "C" w/ hardware
TDA080P206	5	Front panel w/ hardware	TDA080P259	4	Feed roller "D" w/ hardware
TDA080P207	1	Rear panel w/ hardware	TDA080P261	4	Feed roller "E" w/ hardware
TDA080P208	5	Tape guide w/ hardware	TDA080P263	1	Sprocket wheel 1 (10T) w/ hardware
TDA080P210	2	Right panel w/ hardware	TDA080P264	1	Sprocket wheel 2 (14T) w/ hardware
TDA080P211	5	Base panel w/ hardware	TDA080P265	1	Sprocket wheel 3 (16T) w/ hardware
TDA080P212	2	Lower reel bracket panel w/ hardware	TDA080P266	1	Sprocket wheel 4 (18T) w/ hardware
TDA080P213	5	Control panel w/ hardware	TDA080P267	1	Sprocket wheel 5 (18T) w/ hardware
TDA080P215	5	Terminal bracket w/ hardware	TDA080P268	3	Motor sprocket wheel w/ hardware
TDA080P216	1	Left top bracket w/ hardware	TDA080P270	3	Sprocket wheel 6 (18T) w/ hardware
TDA080P217	3	Right top bracket w/ hardware	TDA080P272	4	Pressure roller A w/ hardware
TDA080P218	1	Safety switch lever w/ hardware	TDA080P273	4	Pressure roller B w/ hardware
TDA080P219	4	Black bracket w/ hardware	TDA080P279	2	Blade - 5 per pack w/ hardware
TDA080P220	4	Inner bottom panel w/ hardware	TDA080P281	2	Hold down shaft
TDA080P221	4	Inner middle panel w/ hardware	TDA080P282	5	Front panel hinge w/ hardware
TDA080P234	1	Feed detection wheel w/ hardware	TDA080P284	5	Knob shaft
TDA080P236	2	Cutter frame spring	TDA080P401	4	Motor / gear box w/ hardware
TDA080P242	2	Blade roller w/ hardware	TDA080P402	2	Solenoid unit w/ hardware
TDA080P243	4	Roller support upper w/ hardware	TDA080P403	5	Main PCB w/ hardware

Part#	Section#	Part Name	Part#	Section#	Part Name
TDA080P404	5	Control PCB			
TDA080P405		Power cord			
TDA080P406	1, 3	Inductor w/ hardware			
TDA080P407	1	Safety switch w/ hardware			
TDA080P408	1	Foot switch connector			
TDA080P409	1	Motor capacitor w/ hardware			
TDA080P601	2	Reel holder assembly 3"			
TDA080P602	2	Tape holder assy. w/ hardware			
TDA080P601-1		Reel holder 1 1/2"			
TDA080P603	2	Blade holder assy. w/ hardware			
TDA080P604	3	Top cover assy. w/ hardware			
TDA080P605	3	Detection wheel assy. w/ hardware			
TDA080P606	3	Right inner panel assy. w/ hardware			
TDA080P607	4	Roller support assy. w/ hardware			
TDA080P608	1	Left inner panel assy. w/ hardware			
TDA080P609	3	Feed roller gear assy. w/ hardware			
TDA080P610	1	Left side cover assy. w/ hardware			
TDA080P701	1	Outer box			
TDA080P703	1	Foam block			
ZCM1000P289	1	Silicone oil			