



# BARRACUDA 200ZW

PORTABLE WALKING FOOT SEWING MACHINE

INSTRUCTION MANUAL



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## PREFACE

The Reliable Barracuda 200ZW zig-zag and straight stitch portable walking-foot machine is remarkably versatile. Designed for boat owners, hobbyists, and small businesses, the Barracuda is ideal for medium-to-heavy-weight sewing jobs.

## SMALL SIZE, BIG PERFORMANCE

With a stitch quality comparable to an industrial machine, there's no job too big for the Barracuda. With top and bottom feeding, it produces a perfect, even stitch, even when sewing over challenging materials.

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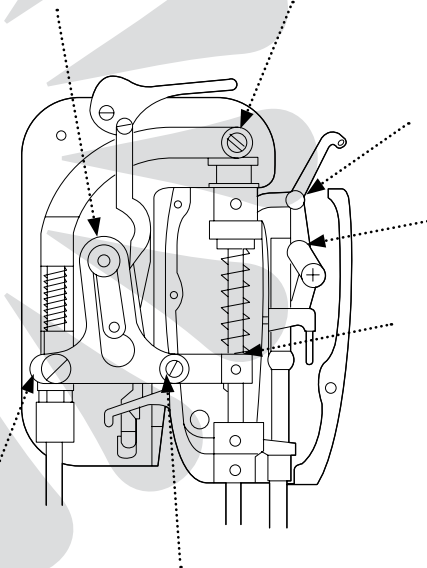
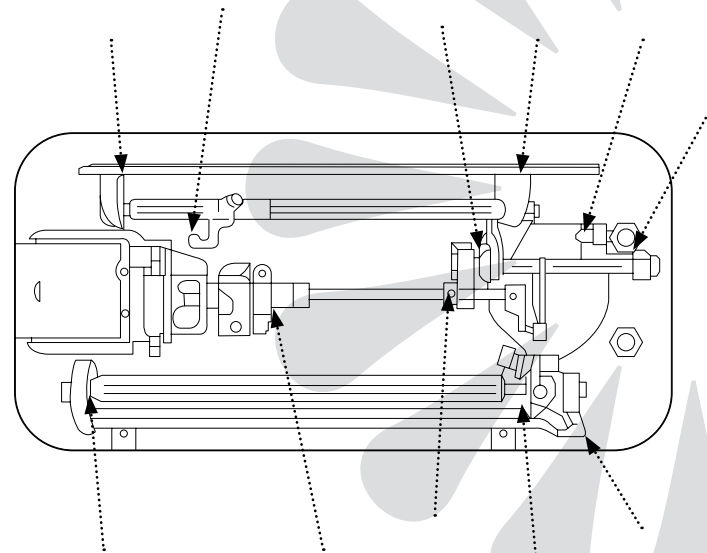
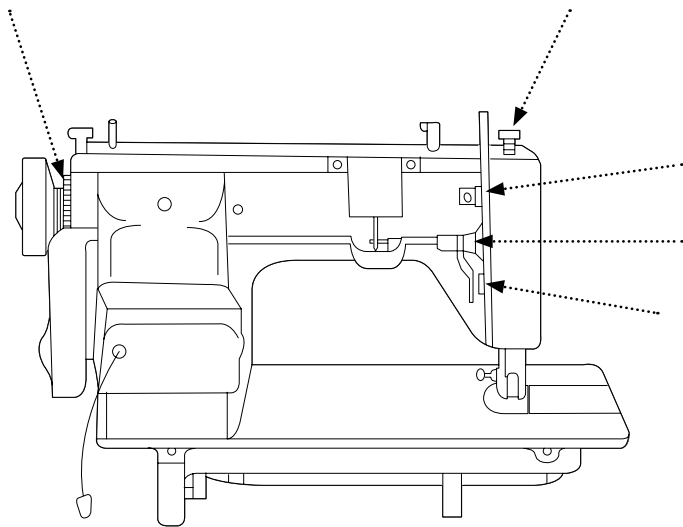
## SPEED OF MACHINE

The maximum speed recommended for this machine is 900 RPM or "stitches per minute". Use regular house-hold circuit 115 Volts, 60 HZ. The machine is equipped with a one tenth (1/10) HP motor with reduction pulley to provide good power at the recommended speed.

This sewing machine can be mounted on a commercial stand. To do so, requires a special cut-out table top, a one inch (1") diameter pulley, a special Balance Wheel Item No. 11, and a maximum 1725 RPM motor.

## OILING

Before operating , oil all "metal to metal" working parts, and at the places indicated on diagrams below. Use only genuine sewing machine oil. Operate the machine briefly on scrap material after oiling to prevent soiling the work. Frequent oiling is recommended.



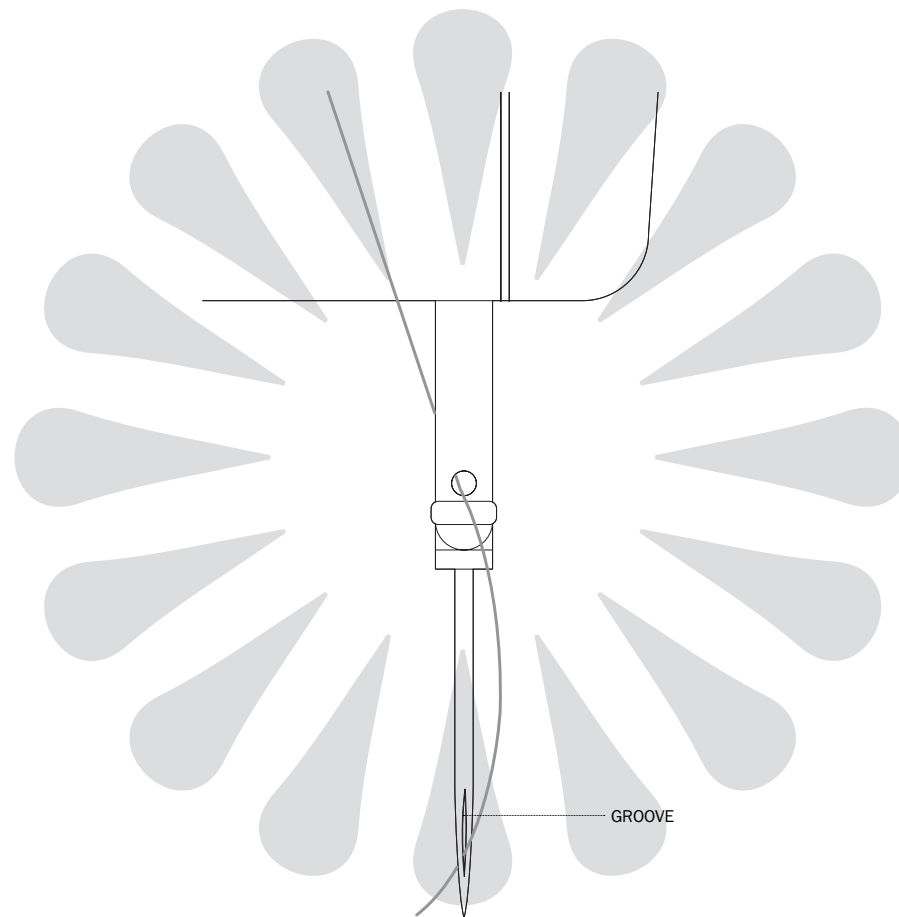
## NEEDLE

Use 135x17 needles size 10 to 23. Use size 22 for most medium to heavy sewing.

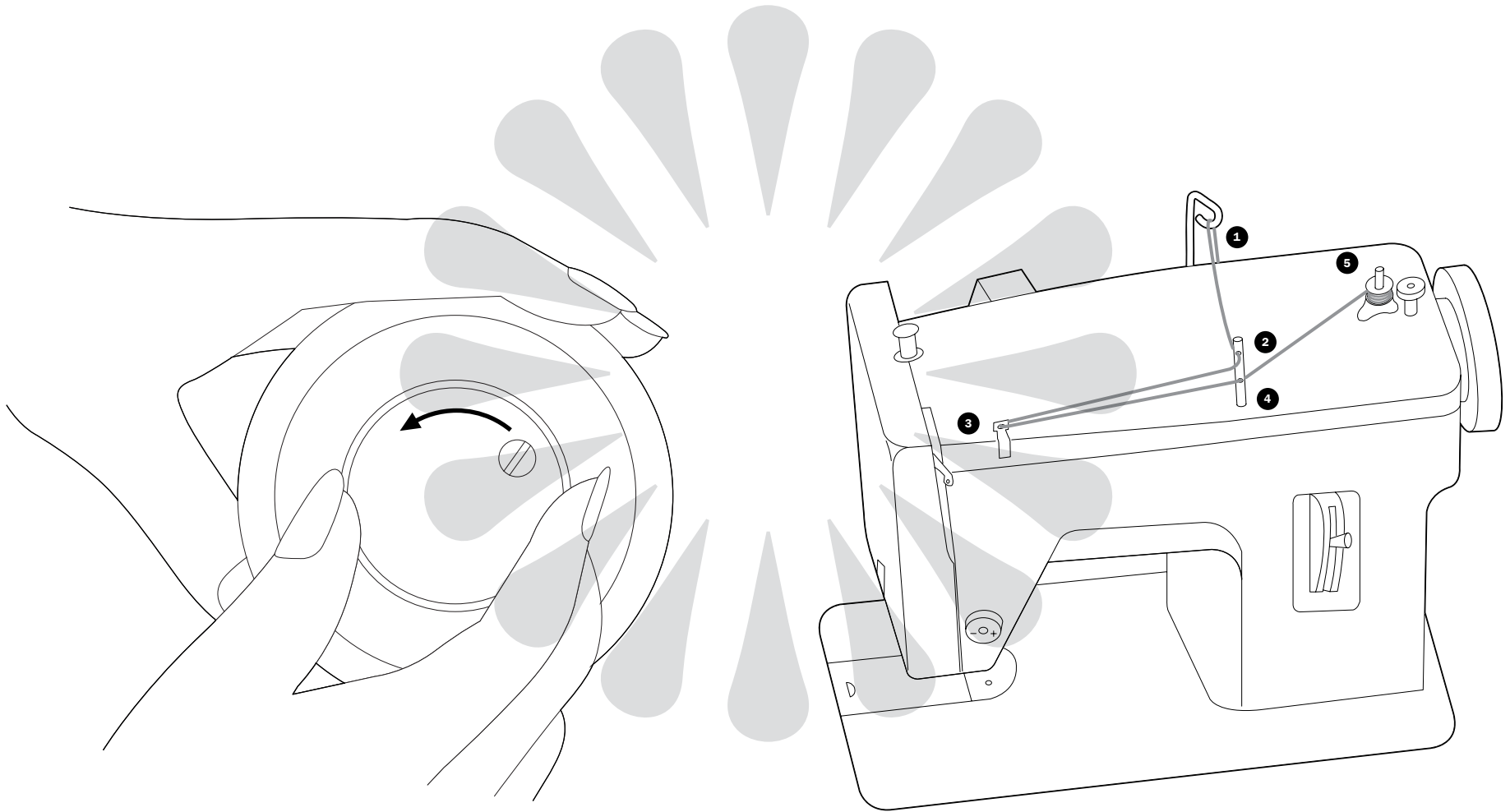
Install needle as illustrated.

## THREAD

To obtain the best results with your sewing machine, we recommend size 69 Bonded Nylon Thread.

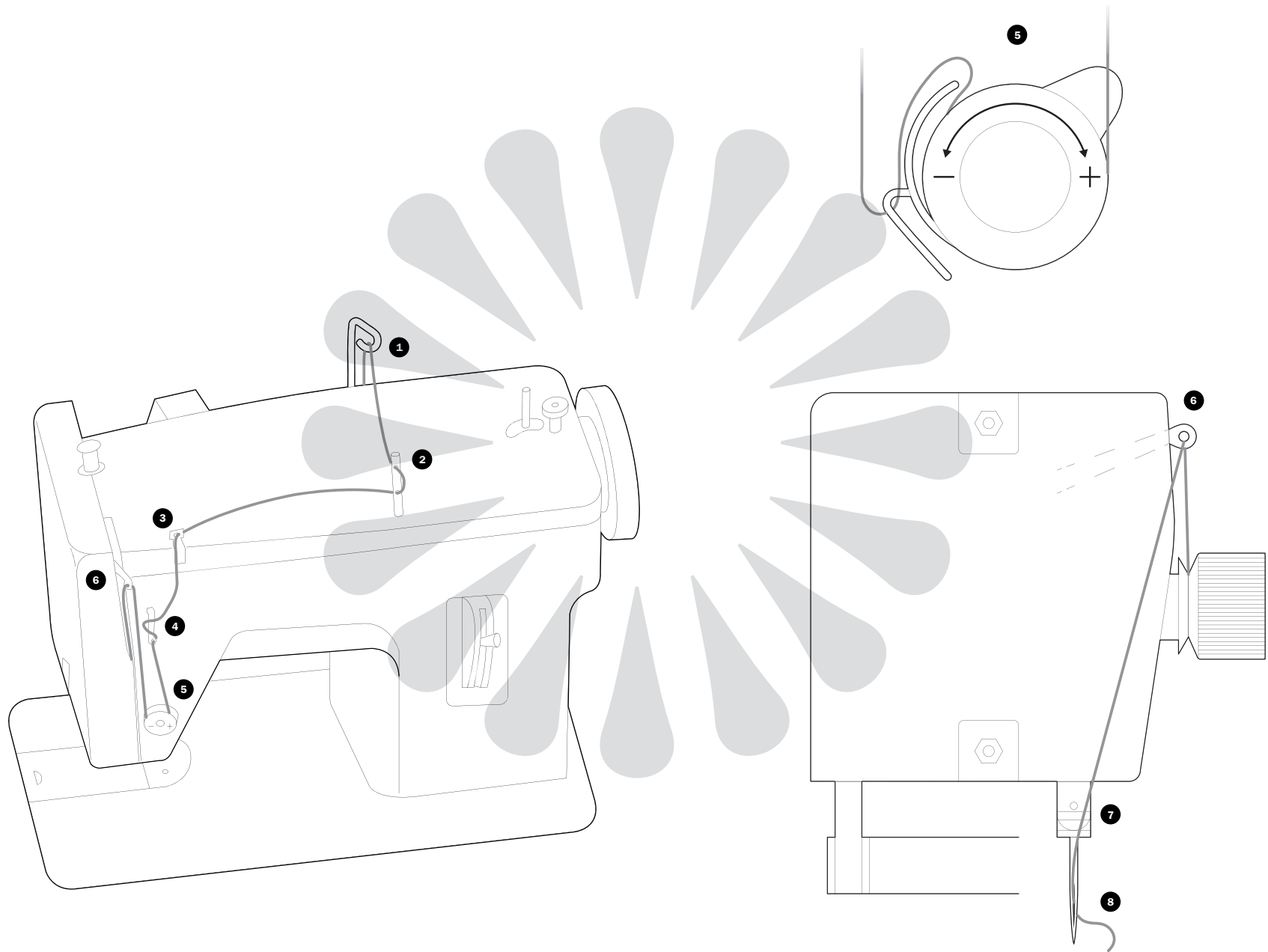


# WINDING THE BOBBIN





# THREADING THE MACHINE AND NEEDLE



## PREPARE FOR SEWING

Thread the machine. Then pick up the bobbin thread as follows:

1. While holding the loose end of the needle thread in your left hand, turn the balance wheel toward you by hand until the needle moves down and up again to its highest point.
2. Pull the needle thread gently, and the bobbin thread will come up with it in the form of a loop through the needle hole.
3. With your finger, pull this loop until the end of the thread appears. If the bobbin thread does not rise, check to see if at least 5 or 6 inches of bobbin thread is hanging loosely from the bobbin case.

## TO START SEWING

1. Place the material to be sewn under the presser feet and lower them onto the material.
2. Hold the upper or needle thread (threaded through the eye of the needle) with the fingers of the left hand. Turn the balance wheel toward you with your right hand until the outside presser foot reaches its most backward position .
3. Now operate the foot control to start sewing.

The above procedure is necessary so the motor will start the machine to sewing. Do not help the feeding of the machine by hand, as this may bend or break the needle. Also, damage to the hook can occur.

The machine may run a little slow when it's new. However, it will begin to "free up" and run smoothly with continued use.

During operation, the balance wheel of the machine always turns toward the operator. To avoid tangled thread and jamming of the sewing hook, do not turn the balance wheel backward (away from the operator).

**WARNING:** Never operate the machine without material under the presser feet. Your machine will probably "lock" and cannot be operated until the thread is cleaned out of the hook race.

## TO REGULATE THE LENGTH OF STITCH

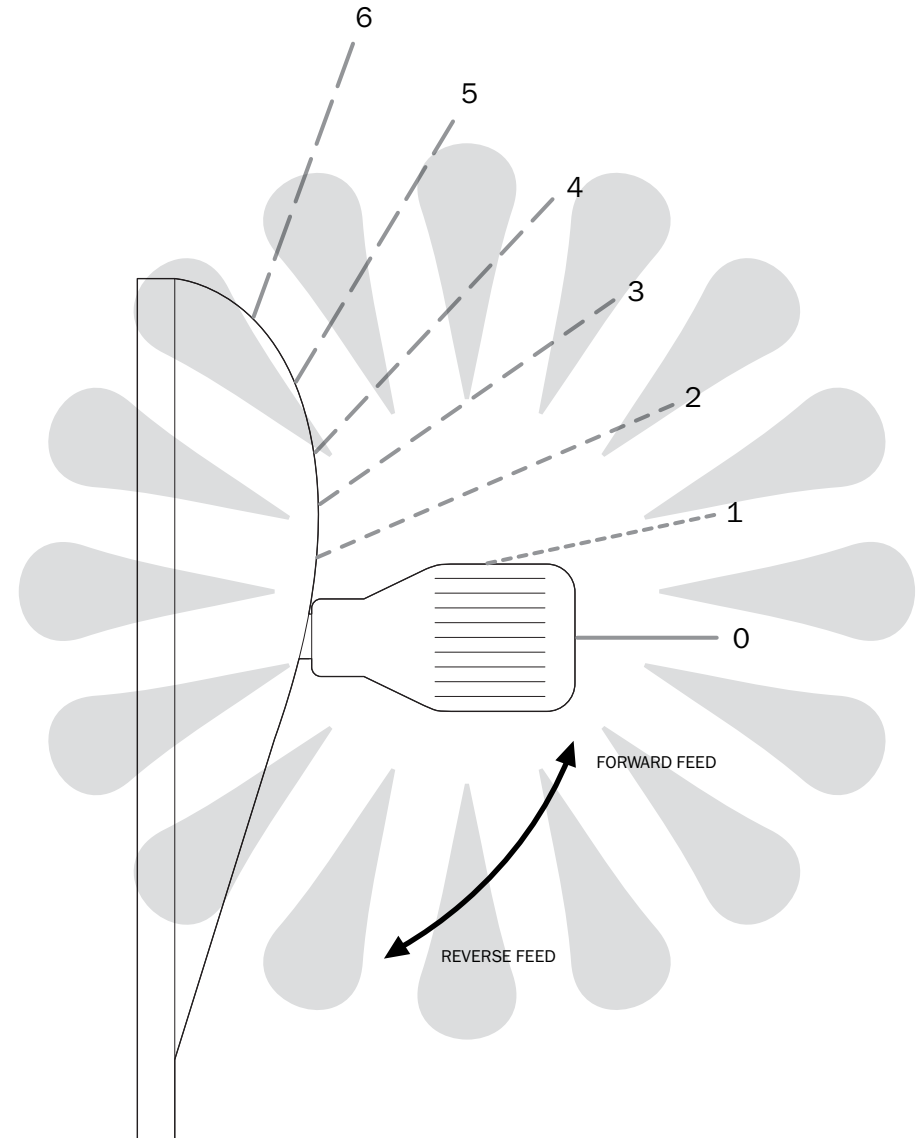
Most sewing will be done with the maximum stitch length. However, the length of the stitch can be adjusted as follows:

1. Loosen the thumb nut on the stitch length lever.
2. Raise the stitch length (feed regulator) lever until the desired stitch length is obtained.
3. Tighten the thumb nut.

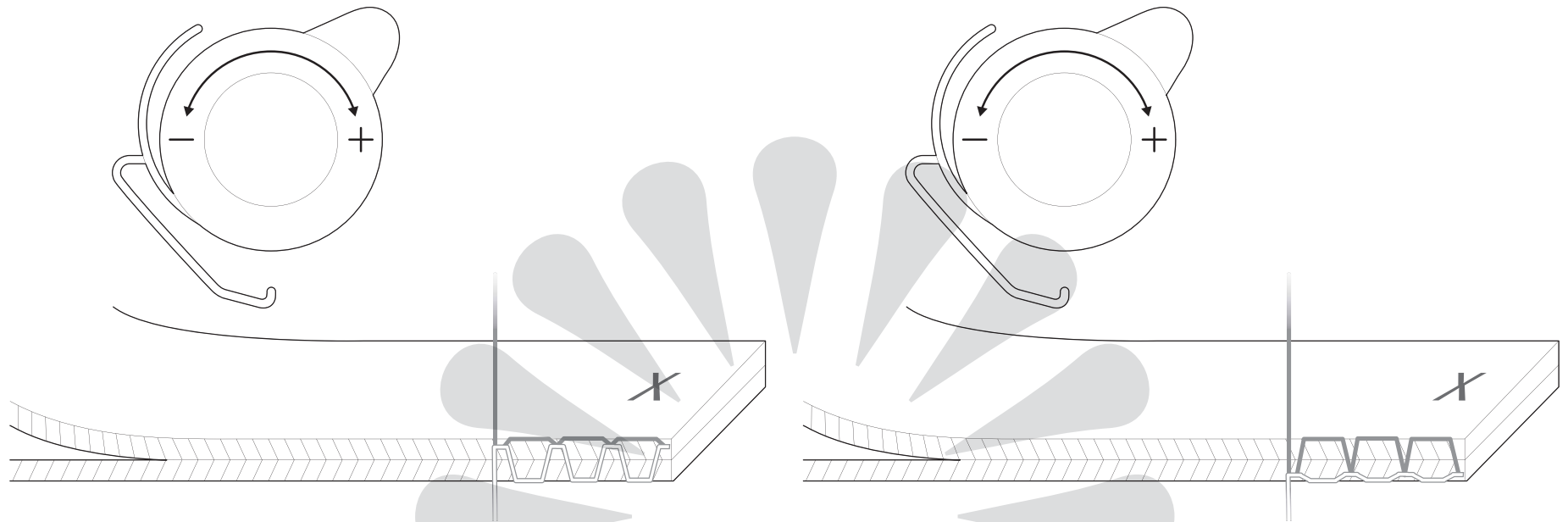
## REVERSE SEWING

To sew in reverse:

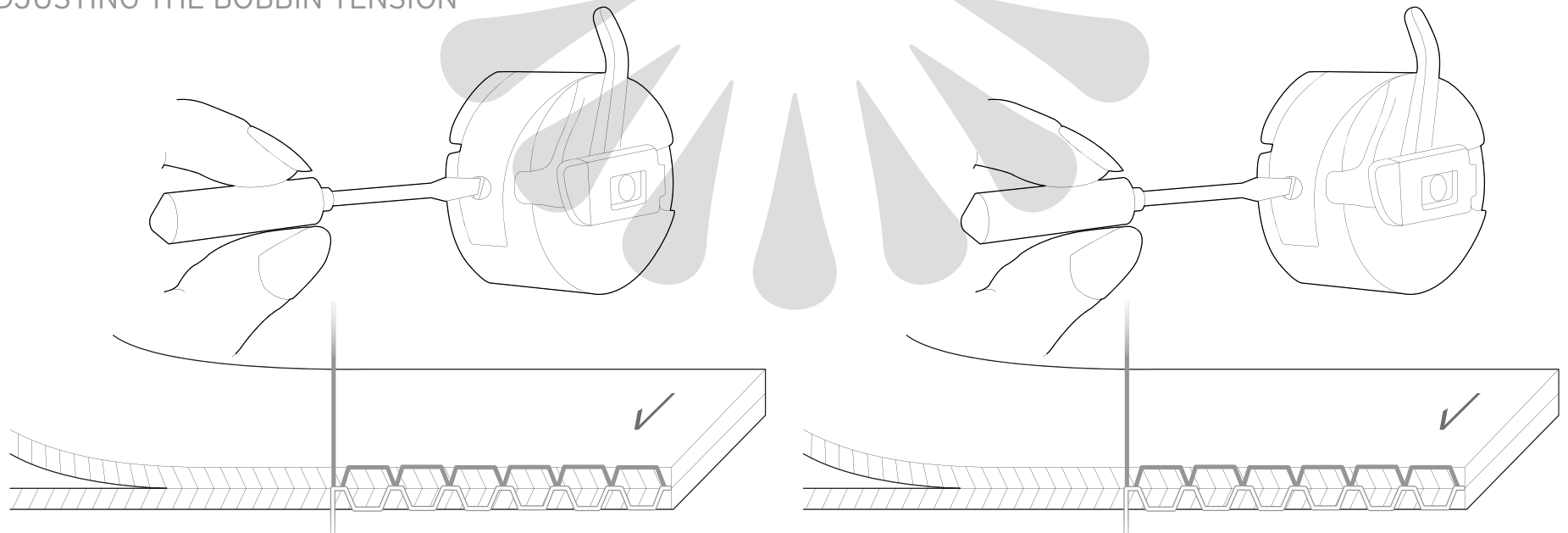
1. Lower the feed regulator (stitch length) lever all the way to the bottom of the slot in the stitch length plate.
2. Hold the lever there until reverse sewing is completed.
3. Then return the lever the forward position.



## ADJUSTING THE NEEDLE THREAD TENSION

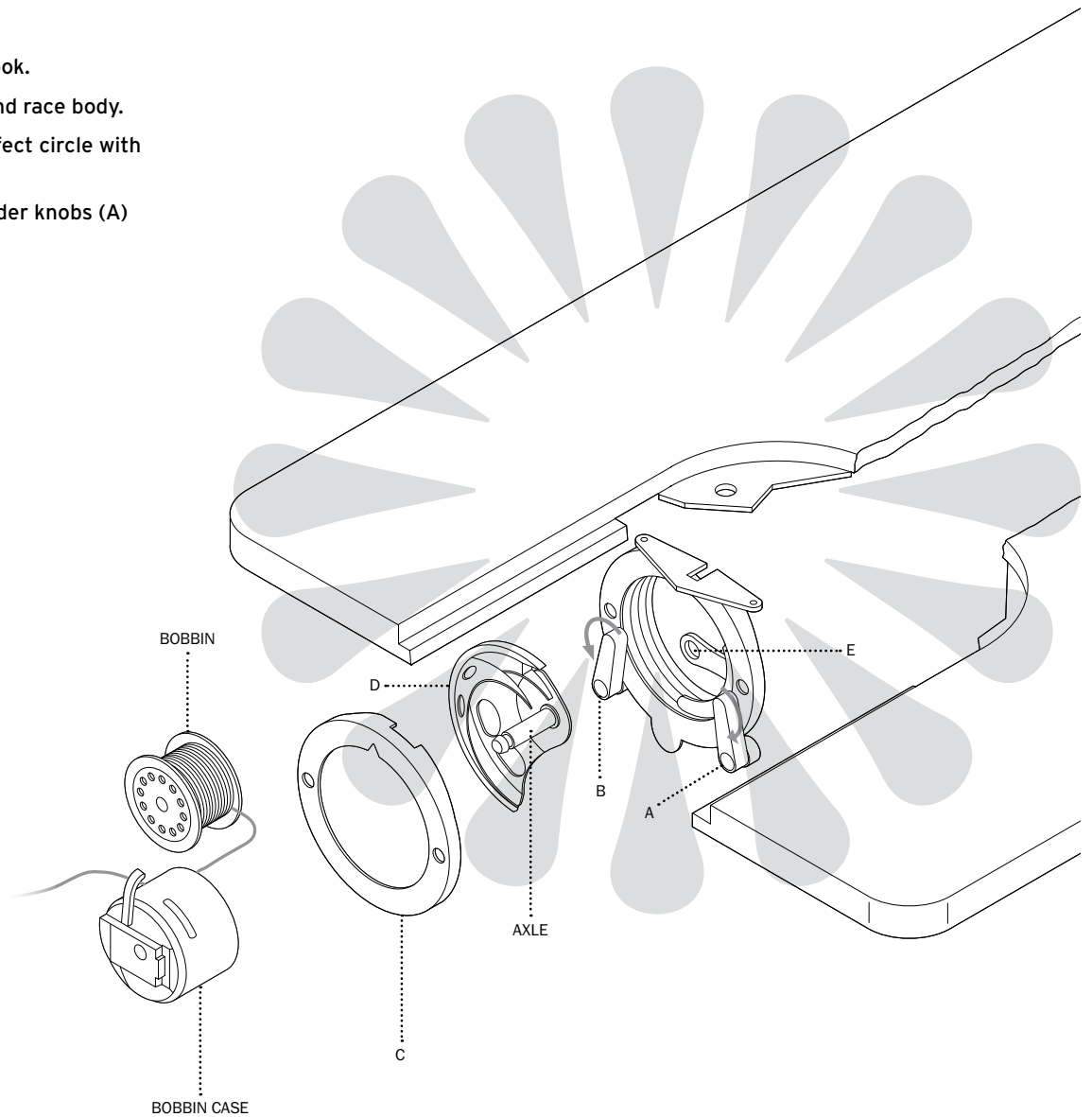


## ADJUSTING THE BOBBIN TENSION



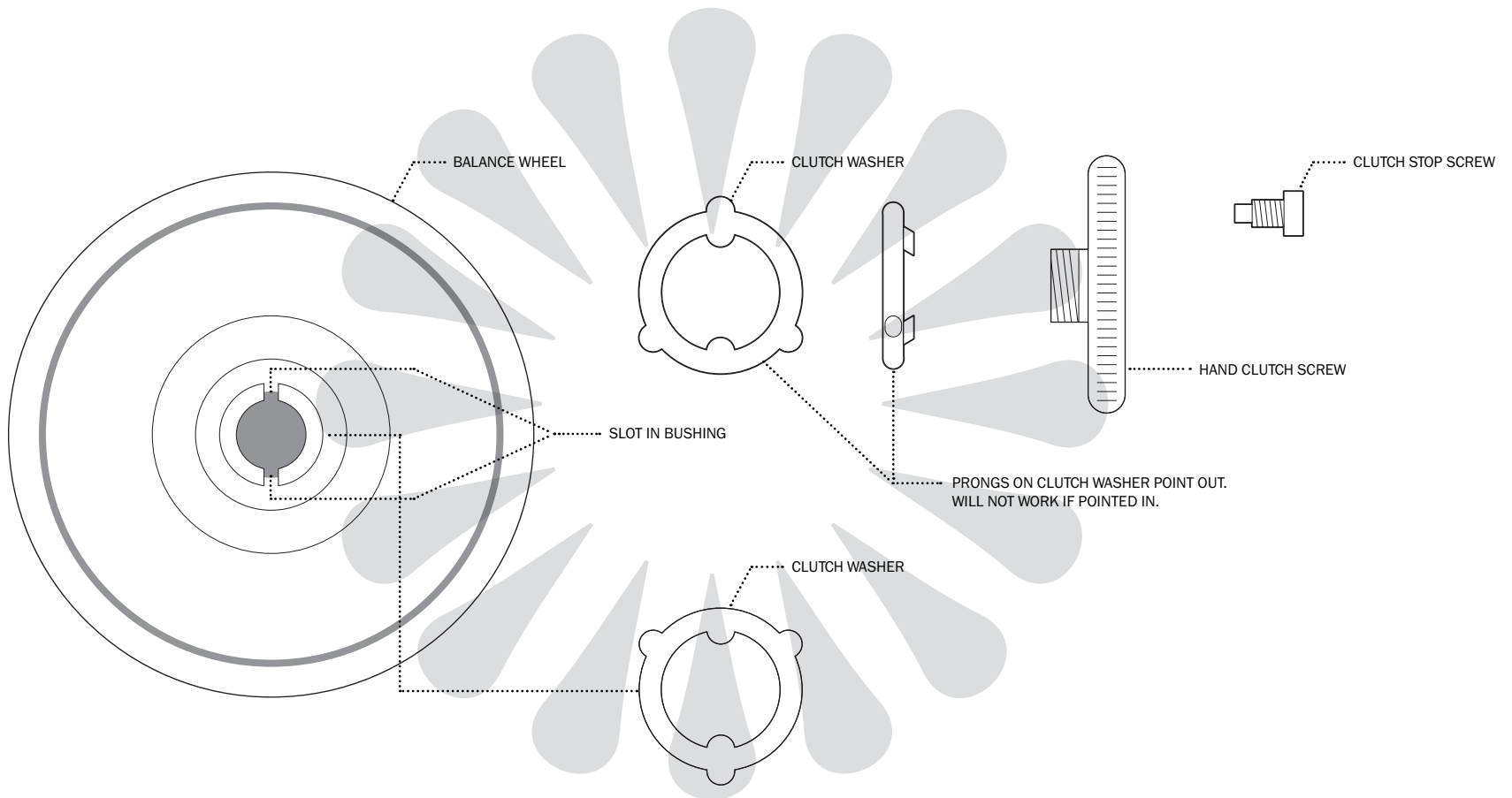
## TO REMOVE THE HOOK AND CLEAN THE RACE DO NOT FORCE ANY OF THESE OPERATIONS

1. Turn the balance wheel by hand until the needle is at its highest point.
2. Remove the bobbin and bobbin case.
3. Turn knob (A) one half turn toward you.
4. Turn knob (B) one half turn away from you.
5. Remove retaining ring (C) and hook (D) by grasping the axle of the hook.
6. Remove accumulated lint and thread from the retaining ring, hook, and race body.
7. Replace hook (D) in race body with the axle facing out, forming a perfect circle with the driver (E).
8. Replace retaining ring (C), polished side out, so that both pins are under knobs (A) and (B).
9. Lock the retaining ring knobs (A) and (B).
10. Replace bobbin and bobbin case, and resume sewing.

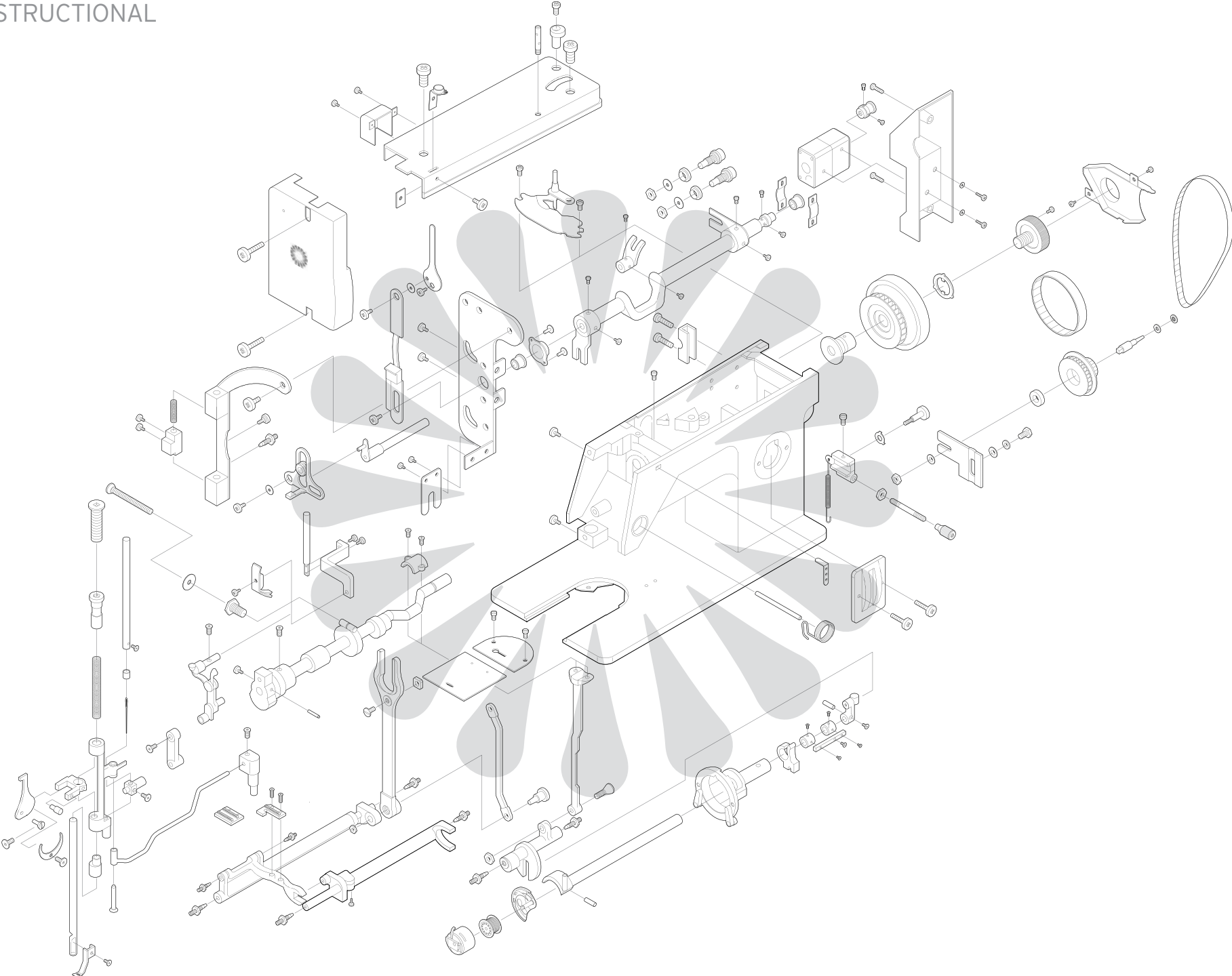


## CLUTCH WASHER/SCREW-ASSEMBLY INSTRUCTIONS

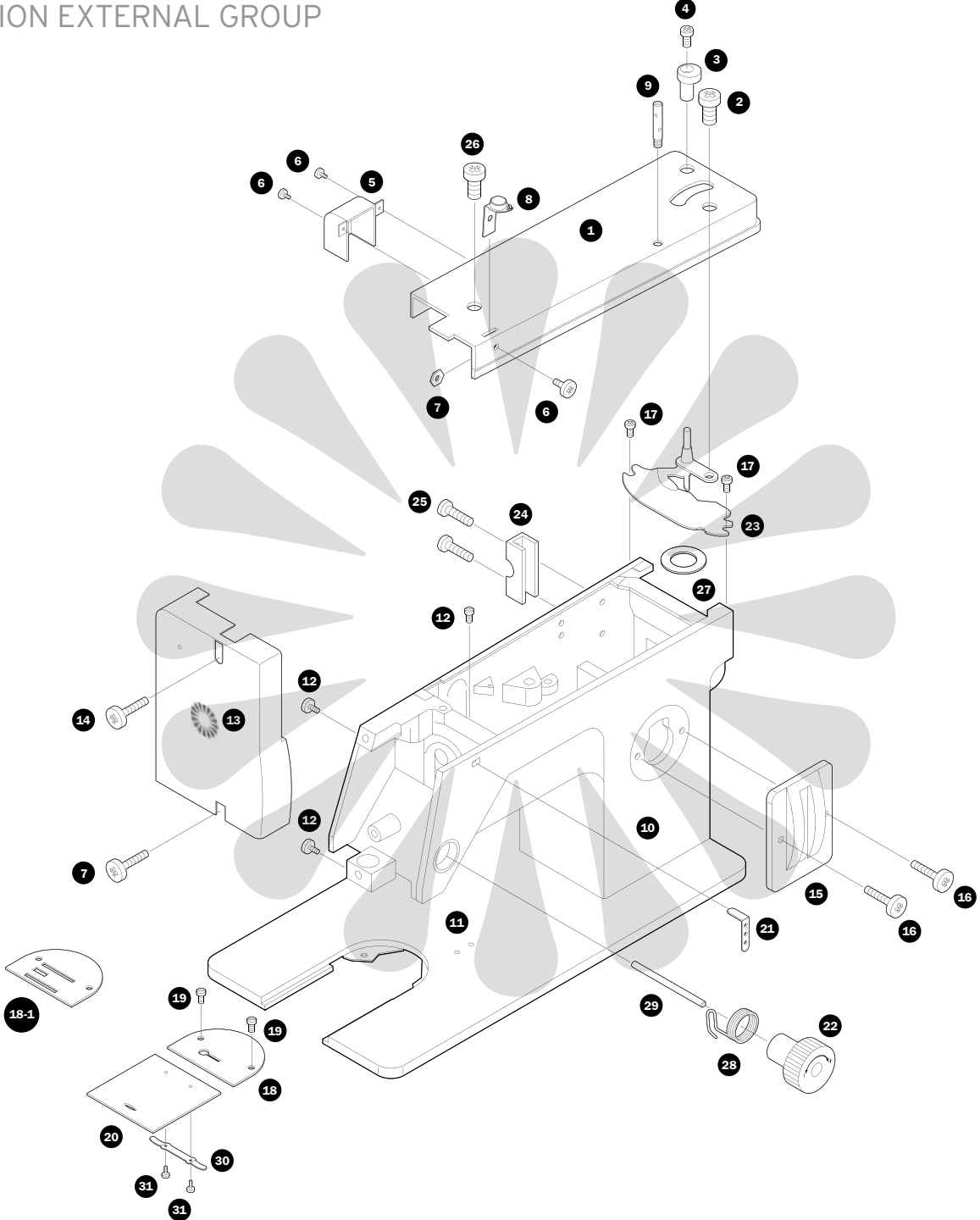
1. Remove clutch stop screw.
2. Remove hand clutch screw.
3. Notice position of prongs on clutch washer in slot of balance wheel bushing.
4. Remove clutch washer and make 1/2 turn and replace.
5. Screw in hand clutch screw very light
6. Screw in stop screw.
7. Back off on hand clutch screw.
8. Run motor and check to see if balance wheel turns freely without running the machine.
9. Tighten hand clutch screw and the machine should run properly.



CONSTRUCTIONAL



GROUP 1 CONSTRUCTION EXTERNAL GROUP





# GROUP 1

KEY NO.	PART NO.	PART NAME	Q'TY
1	W047	TOP PLATE	1
2	B071	TOP PLATE SET SCREW	1
3	E066	BOBBIN WINDER STOPPER	1
4	E066-2	BOBBIN WINDER STOPPER SET SCREW	1
5	W047-1	SMALL PLATE COVER	1
6	A092	SMALL PLATE COVER SET SCREW BOBBIN WINDER ASSEMBLY SET SCREW	1 2
7	E070-1	BOBBIN WINDER TENSION ASSEMBLY SET NUT	1
8	E070	BOBBIN WINDER TENSION ASSEMBLY	1
9	W047-2	SPOOL PIN	1
10	W001	ARM BODY	1
11	W002	BED	1
12	D097	NEEDLE BAR SUPPORT SET SCREW THREE HOLE THREAD GUIDE SET SCREW	2 1
13	W048	FACE PLATE	1
14	C097	FACE PLATE SET SCREW	2
15	W125	STITCH LENGTH PLATE	1
16	A075	STITCH LENGTH PLATE SET SCREW	1

KEY NO.	PART NO.	PART NAME	Q'TY
17	B010	BOBBIN WINDER SET SCREW	2
18	W032	NEEDLE PLATE	1
19	A052	NEEDLE PLATE SET SCREW	2
20	A048-B	SHUTTLE RACE SLIDE	1
21	W029	THREE HOLE THREAD GUIDE	1
22	W184-1	DIAL TENSION ASSEMBLY	1
23	W030	BOBBIN WINDER	1
24	W025	CRANK ROO BEARING SET BASE	1
25	W025-1	CRANK ROD BEARING SET BASE SET SCREW	2
26	E072	TOP PLATE SET SCREW	1
27	A117	BOBBIN WINDER RUBBER RING	1
28	W184-3	THREAD TAKE-UP/CHECK-SPRING	1
29	W184-2	TENSION RELEASE PIN	1
30	A049	SHUTTLE RACE SLIDE SPRING	1
31	A050	SHUTTLE RACE SLIDE SPRING SET SCREW	1
18-1	W032-1	ZIG ZAG NEEDLE PLATE	1

# GROUP 2 SEWING TRANSMISSION GROUP

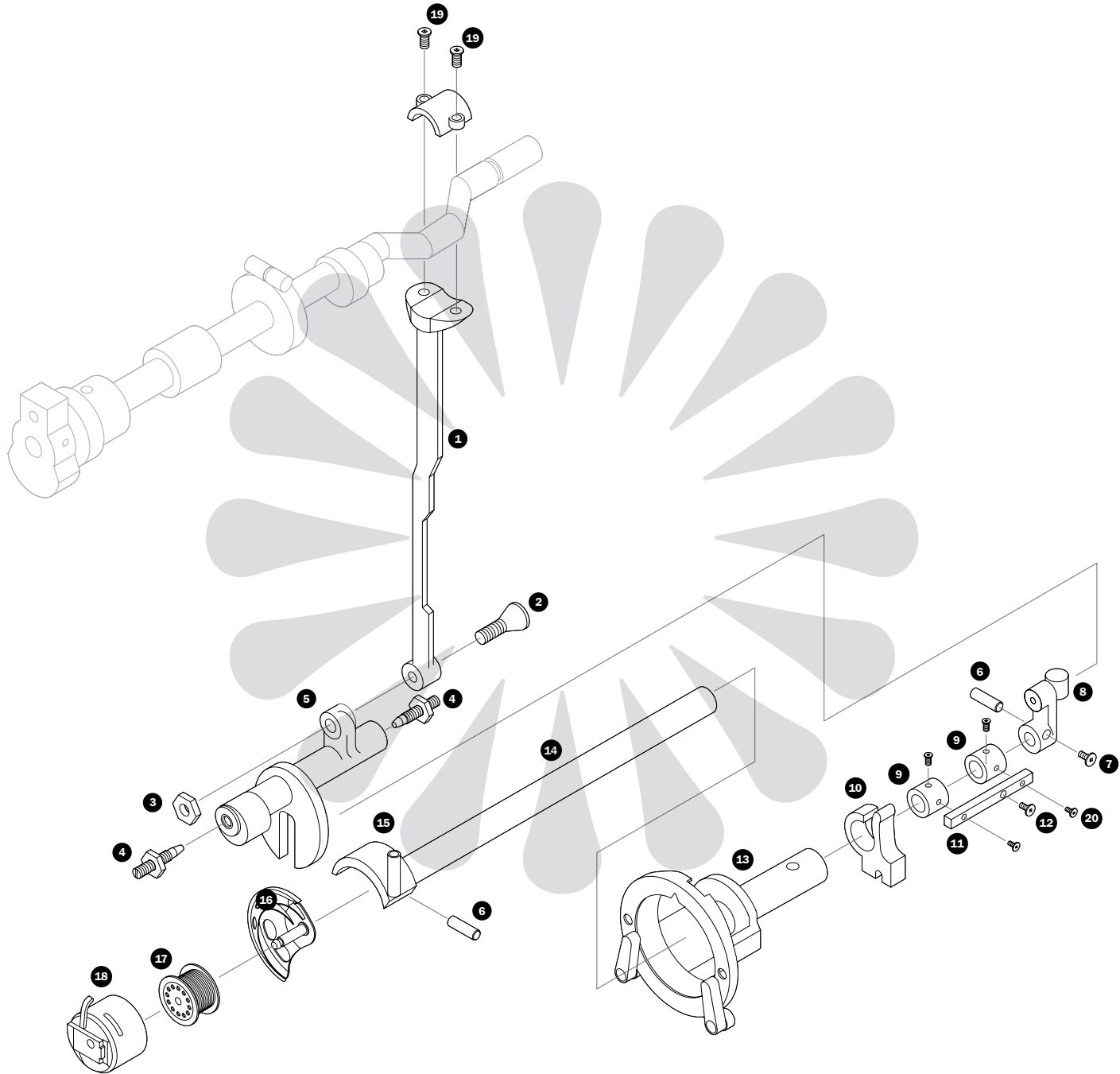


## GROUP 2

KEY NO.	PART NO.	PART NAME	Q'TY
1	E053	ARM SHAFT	1
2	B007	FEED CAM	2
3	B051	ARM SHAFT BUSHING	1
4	A012	THREAD TAKE-UP ASSEMBLY SET SCREW	1
		ARM SHAFT BUSHING SET SCREW	1
		TENSION RELEASE LEVER DRAG LINK PIN SET SCREW	1
5	B048	THREAD TAKE-UP LEVER CAM	1
6	A029	THREAD TAKE-UP ASSEMBLY SET SCREW	1
7	E048-1	THREAD TAKE-UP LEVER CAM SET PIN	1
8	W028-4	CRANK ROD LEVER CAM FOLLOWER	1
9	W028-2	CRANK ROD LEVER CAM FOLLOWER ADJUST NUT	1
10	W028-3	CRANK ROD LEVER CAM FOLLOWER LOCK SCREW	1
11	W028-1	CRANK ROD LEVER CAM FOLLOWER LOCK NUT	1
12	E020	THREAD TAKE-UP ASSEMBLY	1
13	E020-2	NEEDLE BAR CONNECTING ROD SET SCREW	1
14	B018	NEEDLE BAR CONNECTING ROD	1
15	A042	NEEDLE BAR CONNECTING STUD	1
16	A092	NEEDLE SET SCREW	1
17	A031	PRESSER REGULATING THUMB SCREW	1
18	W010	PRESSER REGULATING THUMB SET SCREW	1
19	A032	PRESSER BAR SPRING	1
20	B016	NEEDLE BAR SUPPORT	1

KEY NO.	PART NO.	PART NAME	Q'TY
21	A021	NEEDLE BAR CONNECTING JOINT SET SCREW	1
22	W015	ZIGZAG CONNECTING ROD	1
23	B099	NEEDLE BAR CONNECTING JOINT PIN	1
24	W066	NEEDLE BAR	1
25	W067	NEEDLE THREAD GUIDE	1
26	W008	NEEDLE	1
27	A036	PRESSER FOOT SET SCREW	1
28	W012	INSIDE PRESSER FOOT	1
28-1	B043-1	ZIG ZAG PRESSER FOOT	1
29	A035-1	PRESSER BAR	1
30	B028	PRESSER BAR LOWER BUSHING	1
31	W039	PRESSER BAR BRACKET	1
32	A046	PRESSER BAR ACTUATOR GUIDE SCREW	1
33	W043	TENSION RELEASE LEVER DRAG LINK	1
34	D020	TENSION RELEASE LEVER DRAG LINK SET PIN	1
35	W045	TENSION RELEASE LEVER	1
36	8046	TENSION RELEASE LEVER SET SCREW	1
37	W016	ZIGZAG CONNECTING ROD SET BASE	1
38	W065	PRESSER BAR ACTUATOR "CAM"	1

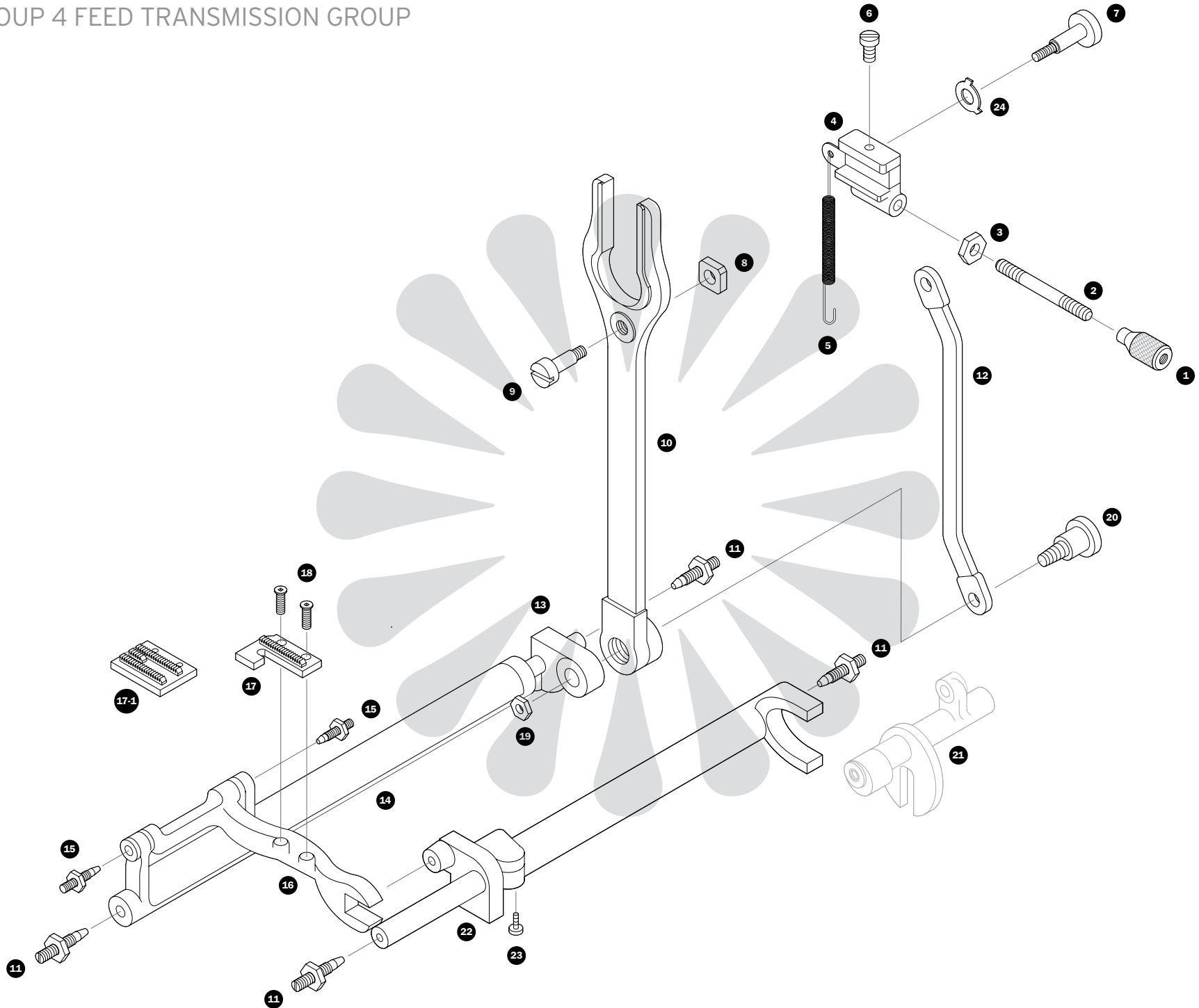
# GROUP 3 SHUTTLE TRANSMISSION GROUP



## GROUP 3

KEY NO.	PART NO.	PART NAME	Q'TY
1	B139	CRANK CONNECTING ROD	1
2	A027B	CRANK CONNECTING ROD SET SCREW	1
3	A0278	CRANK CONNECTING ROD SET NUT	1
4	A023	OSCILLATING SHAFT SET SCREW & NUT	2
5	A024	OSCILLATING SHAFT	1
6	A018	SHUTTLE DRIVER PIN OSCILLATING SHAFT CRANK SET PIN	1 1
7	A021	OSCILLATING SHAFT CRANK SET SCREW	1
8	B179	OSCILLATING SHAFT CRANK. WITH SLIDE BLOCK	1
9	B177	LOWER SHAFT COLLAR	2
10	B155	SHUTTLE RACE GUIDE	1
11	A084	SHUTTLE RACE GUIDE SHAFT	1
12	B153	SHUTTLE RACE GUIDE SHAFT SET SCREW	1
13	B170	SHUTTLE RACE GUIDE SHAFT COMPLETE	1
14	B172	LOWER SHAFT	1
15	WI72	SHUTTLE DRIVER	1
16	D099	SHUTTLE HOOK	1
17	A107	BOBBIN	1
18	D100	BOBBIN CASE ASSEMBLY	1
19	B139-2	CRANK CONNECTING ROD CAP SET SCREW	2
20	B177-1	LOWER SHAFT COLLAR SET SCREW	4

# GROUP 4 FEED TRANSMISSION GROUP

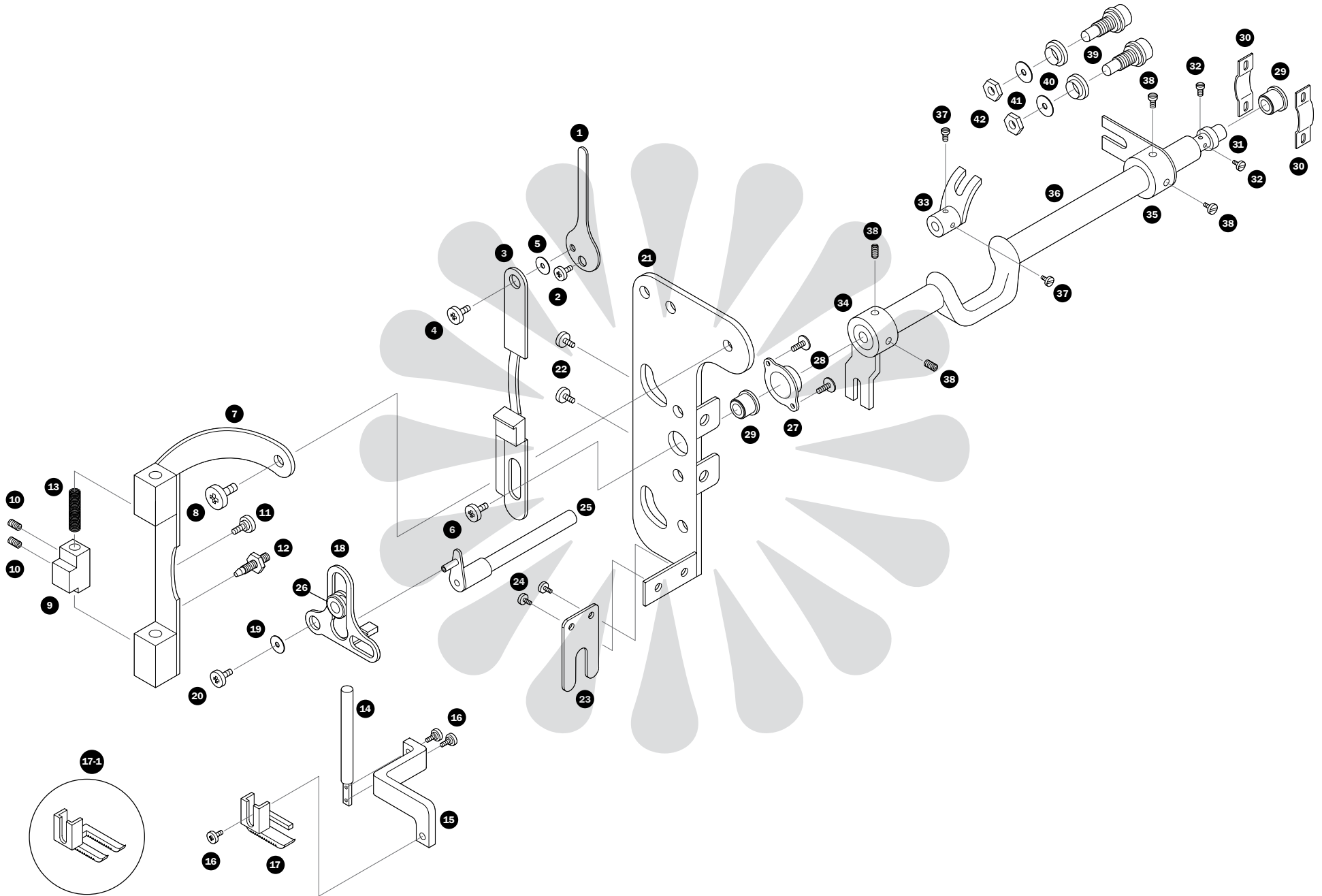


## GROUP 4

KEY NO.	PART NO.	PART NAME	Q'TY
1	W109	FEED REGULATOR THUMB NUT	1
2	W105	FEED REGULATOR LEVER	1
3	A053B-2	FEED REGULATOR LEVER NUT	1
4	W107	FEED REGULATOR	1
5	W106	FEED REGULATOR SPRING	1
6	B010	FEED REGULATOR SCREW SET SCREW	1
7	W108	FEED REGULATOR SCREW	1
8	A069B	FEED CONNECTION SLIDE BLOCK	1
9	A069A	FEED CONNECTION SLIDE BLOCK STUD	1
10	B103	FORKED ROD	1
11	A023	FEED ROCK SHAFT CENTER SCREW & NUT FEED LIFTING ROCK SHAFT SCREW & NUT	2 2
12	W046	DRIVING CRANK	1
13	A071B	FEED ROCK SHAFT CRANK	1
14	A071A	FEED ROCK SHAFT	1
15	A076	FEED BAR CENTER SCREW & NUT	2
16	A075	FEED BAR	1
17	W011	FEED DOG	1
18	A078	FEED DOG SCREW	2
19	W046-1	DRIVING CRANK GUIDE NUT	1
20	AD61	DRIVING CRANK GUIDE SCREW	1
21	A072	FEED LIFTING ROCK SHAFT	1
22	A073	FEED LIFTING ROCK SHAFT CRANK	1

KEY NO.	PART NO.	PART NAME	Q'TY
23	A071B-1	FEED ROCK SHAFT CRANK SET SCREW FEED LIFTING ROCK SHAFT CRANK SET SCREW	2
24	A067	FEED REGULATOR SCREW WASHER	1
17-1	W011-1	ZIG ZAG FEED DOG	1

# GROUP 5 DRIVING & REVERSING MECHANISM GROUP



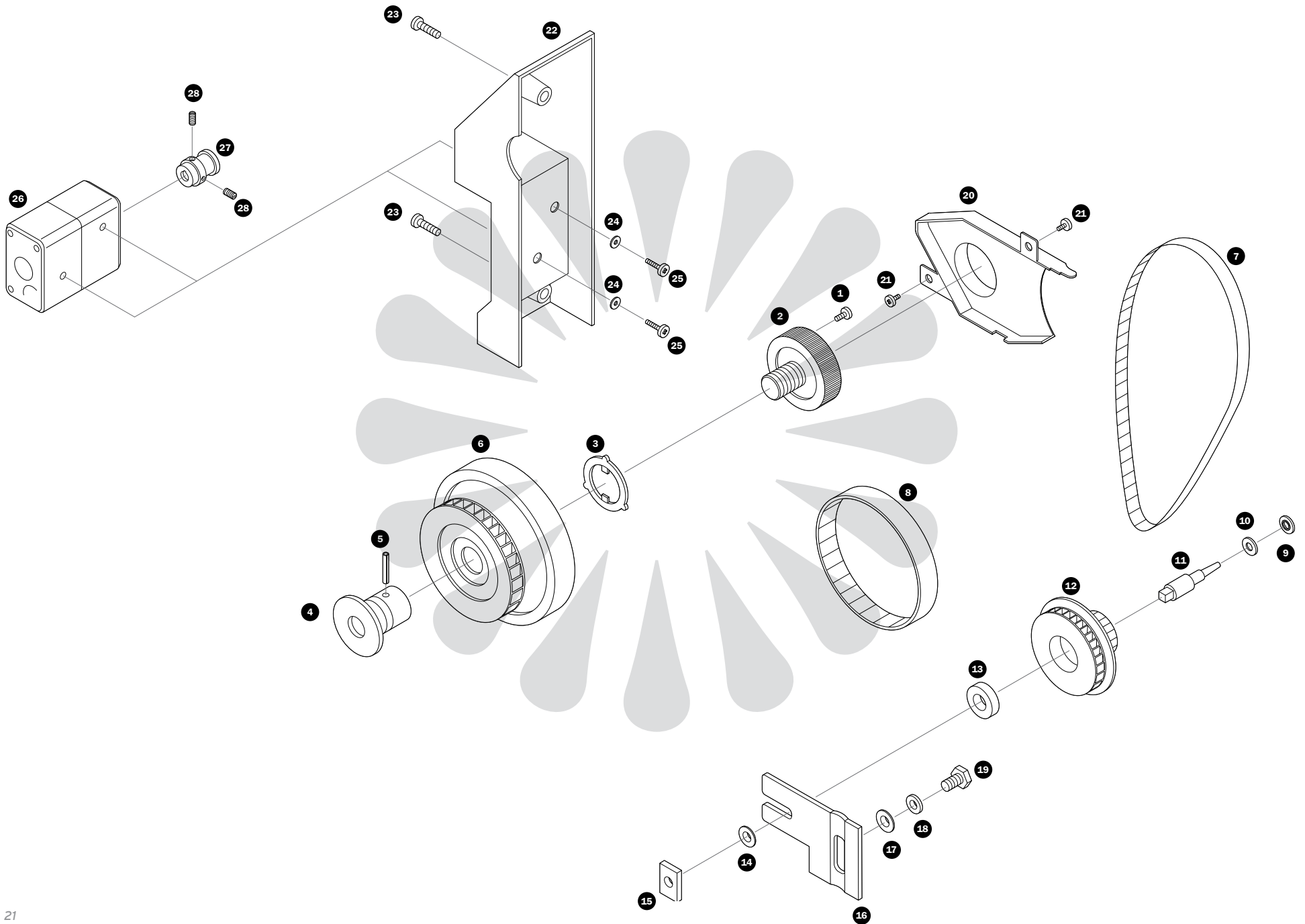


## GROUP 5

KEY NO.	PART NO.	PART NAME	Q'TY
1	W042	PRESSER BAR LIFTER	1
2	W042-3	PRESSER BAR LIFTER HINGE SCREW	1
3	W026	LIFT BAR	1
4	W042-2	UPPER LIFT BAR SCREW	1
5	W042-1	SPACER	1
6	W026-1	LIFT BAR GUIDE SCREW	1
7	W018	PRESSER BAR TRACK	1
8	W018-1	PRESSER BAR TRACK HINGE SCREW	1
9	W020	REAR PRESSER BAR BRACKET	1
10	A029	REAR PRESSER BAR SET SCREW	2
11	W018-2	PRESSER BAR TRACK GUIDE SCREW	1
12	W018-3	PRESSER BAR TRACK FEED STUD	1
13	W019-1	PRESSER BAR LOAD SPRING (REAR)	1
14	W019	REAR PRESSER BAR	1
15	W017	OUTSIDE PRESSER FOOT BRACKET	1
16	B010	OUTSIDE PRESSER FOOT BRACKET SCREW OUTSIDE PRESSER FOOT SET SCREW	2 1
17	W013	OUTSIDE PRESSER FOOT	1
18	W024	PRESSER BAR ACTUATOR	1
19	W020-2	FEED SCREW RING	1
20	W020-1	PRESSER BAR ACTUATOR FEED SCREW	1
21	W041	END PLATE	2
22	W041-1	END PLATE SET SCREW	2
23	W014	OUTSIDE PRESSER FOOT BRACKET LIMITATOR	1

KEY NO.	PART NO.	PART NAME	Q'TY
24	C097	BRACKET SET SCREW	2
25	W036	PRESSER BAR FEED ROD	1
26	W024-1	PRESSER BAR ACTUATOR SPACER	1
27	W022	END PLATE BEARING SET PLATE	1
28	W041-2	REVEY	3
29	W021	BEARING BRACKET BUSHING	2
30	W023	LIFT CRANK ROD BEARING BRACKET PLATE	2
31	W052	ROCKER END SET RING	1
32	W052-1	ROCKER SET RING SET SCREW	2
33	W033	PRESSER BAR ACTUATOR UP-DOWN ROCKER	1
34	W034	PRESSER BAR ACTUATOR FEED ROCKER	1
35	W035	CRANK ROD ROCKER	1
36	W053	CRANK ROD	1
37	D197	PRESSER BAR ACTUATOR UP-DOWN ROCKER SET SCREW	2
38	W034-3	CRANK ROD ROCKER SET SCREW PRESSER BAR FEED ROCKER SET SCREW	2 2
39	W046-2	CRANK ROD ROCKER GUIDE SCREW UP-DOWN ROCKER GUIDE SCREW	1 1
40	W046-3	CRANK ROD ROCKER LOCK SPACER UP-DOWN ROCKER LOCK SPACER	1 1
41	W046-4	CRANK ROD ROCKER LOCK WASHER UP-DOWN ROCKER LOCK WASHER	1 1
42	A061-B	CRANK ROD ROCKER LOCK NUT UP-DOWN ROCKER LOCK NUT	1 1
17-1	W013-1	ZIG ZAG OUTSIDE PRESSER FOOT	1

# GROUP 6 ELECTRIC POWER & DYNAMIC TRANSMISSION

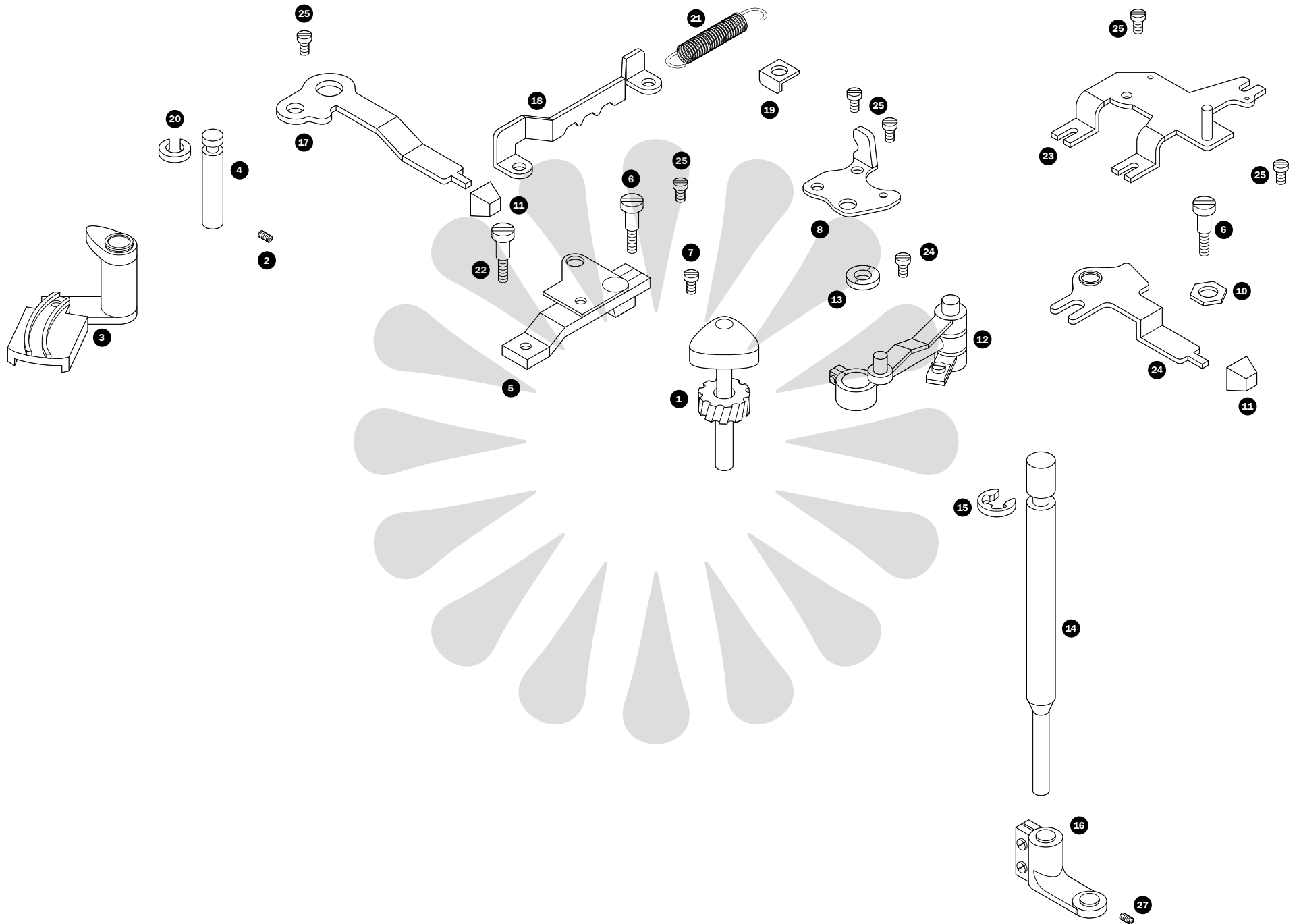


## GROUP 6

KEY NO.	PART NO.	PART NAME	Q'TY
1	A004	STOP MOTION CLAMP STOP SCREW	1
2	A002-1	STOP MOTION CLAMP SCREW	1
3	A005	STOP MOTION CLAMP WASHER	1
4	A003	BALANCE WHEEL BUSHING	1
5	A006	BALANCE WHEEL BUSHING SET PIN	1
6	W060	HAND WHEEL	1
7	W006	BELT (130XLO.18)	1
8	W007	BELT (80XLO.25)	1
9	D116	E5 RING	1
10	W061-5	IDLE PULLEY SHAFT WASHER	1
11	W061-1	IDLE PULLEY SHAFT	1
12	W061-3	IDLE PULLEY	1
13	W061-4	IDLE PULLEY BEARING	1
14	W061-6	IDLE PULLEY LOCK WASHER	1
15	W061-2	IDLE PULLEY SET NUT	1
16	W059	PULLEY BRACKET	1
17	LT-2M-4	MOTOR BRACKET SET WASHER	1
18	LT-2M-3	MOTOR BRACKET SET LOCK WASHER	1
19	LT-2M-2	MOTOR BRACKET SET SCREW	1
20	W050	BELT COVER	1
21	A092	BELT COVER SET SCREW	2
22	W049	MOTOR BASE (REAR COVER)	1

KEY NO.	PART NO.	PART NAME	Q'TY
23	W049-1	MOTOR BASE SET SCREW	2
24	W049-2	MOTOR SET WASHER	2
25	C097	MOTOR SET SCREW	2
26	W003	MOTOR	1
27	W062-1	MOTOR PULLEY	1
28	D097	MOTOR PULLEY SET SCREW	2

# GROUP 7 ZIG ZAG MECHANISM GROUP



## GROUP 7

KEY NO.	PART NO.	PART NAME	Q'TY
1	703	ZIG ZAG CAM & GEAR (ASSEMBLY)	1
2	704	SET SCREW (3) FOR NO. 703, 707	2
3	705-2	NEEDLE DISPLACEMENT REGULATOR (ASSEMBLY)	1
4	707	SHAFT FOR NO 705-2	1
5	708	ZIG ZAG WIDTH REGULATOR	1
6	709	ZIG ZAG WIDTH REGULATOR PIN (2) FOR NO. 708, M712	2
7	710	SET SCREW FOR NO 708(1)	1
8	M711	ZIG ZAG CONNECTING PLATE	1
9	M712	ZIG ZAG REGULATING LEVER	1
10	718	SPRING WASHER FOR NO. 709	1
11	D720	ZIG ZAG WIDTH LEVER KNOB (2)	2
12	725	ZIG ZAG CONNECTING LINK SLIDE BLOCK (ASSEMBLY)	1
13	725-7	COLLAR FOR NO. 725	1
14	M726	ZIG ZAG VERTICAL SHAFT	1
15	727	SNAP RING FOR NO. M726 (1)	1
16	728	ZIG ZAG VERTICAL SHAFT ARM	1
17	M729	NEEDLE POSITION COMPLETE LEVER	1
18	M732	CLICK STOPPER FOR NO. M729	1
19	M734	NEEDLE POSITION COMPLETE LEVER GUIDE	1
20	741	SNAP RING (2) FOR NO. 707	1
21	N746	SPRING FOR NO. M711	1
22	C749	ZIG ZAG REGULATING LEVER PIN	1

KEY NO.	PART NO.	PART NAME	Q'TY
23	H777	ZIG ZAG CONTROL PLATE	1
24	412-1	SET SCREW FOR NO. 725(1)	1
25	154	SET SCREW FOR NO. M711(2), M729(1), M732(1), N747(1), H777(2)	7
26	110-1	SET SCREW FOR NO. M732(1)	1
27	402	SET SCREW FOR NO. 728(1)	1

## TO REGULATE THE WIDTH OF ZIGZAG STITCH

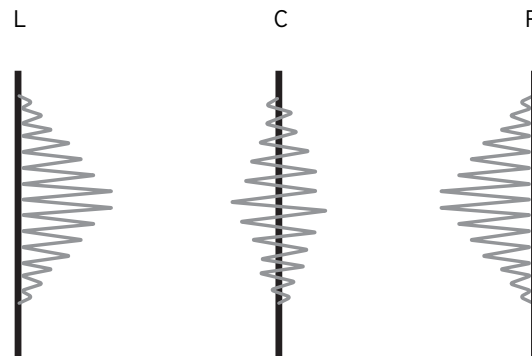
Moving the zigzag width lever to the desire zigzag width as marked on the panel accordingly can regulate the zigzag width. For instance, "0" as straight while "5" will be the maximum zigzag width

## NEEDLE POSITION SELECTION

With the zigzag width lever set at "0" and the needle position selector move to "L", a straight line stitches will be sewn at the left side of the needle hole.

With the zigzag width lever set at "0" and the needle position selector move to "C" or "R", a straight line stitches will be sewn at the middle or the right of the needle hole.

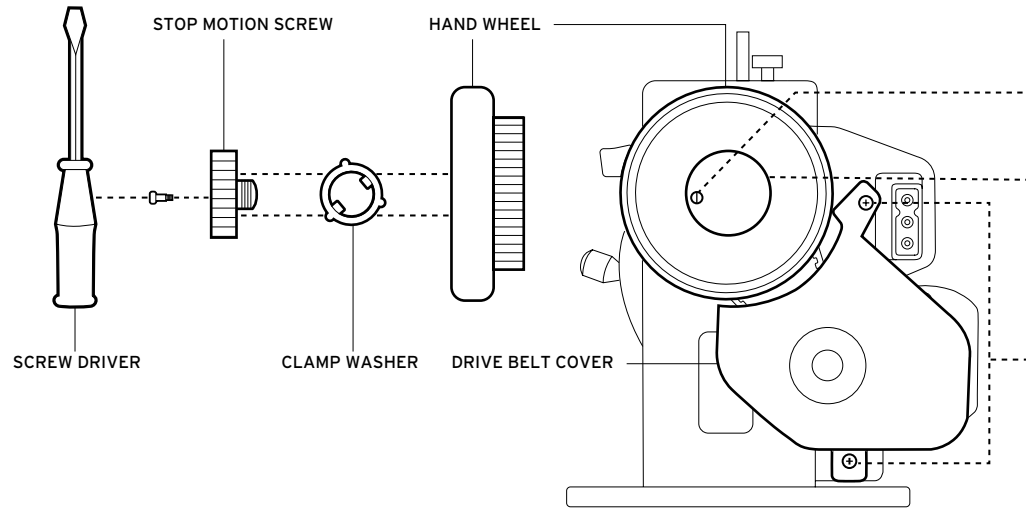
As adjusting of zigzag width with the needle position selection as mentioned above, a variety of ornamental stitches can be sewn.



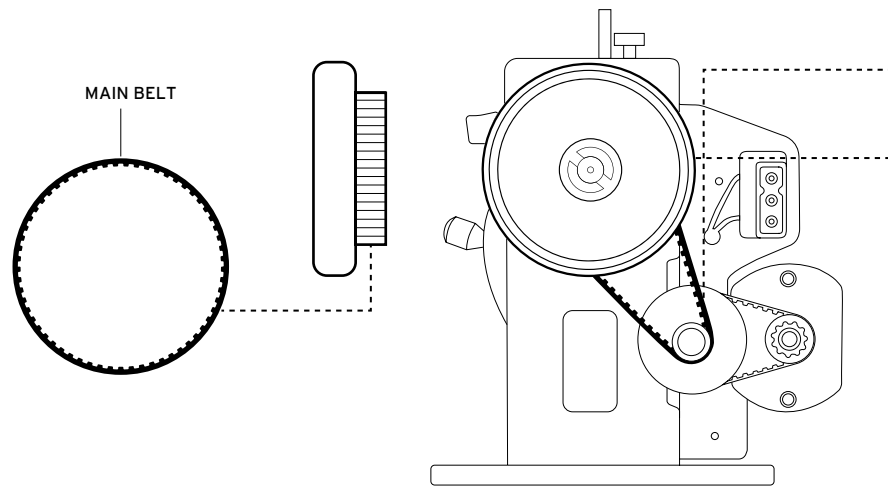
## BASE PLATE & WORKING PLATE

KEY NO.	PART NO.	PART NAME	Q'TY
1	E316	HEAD SCREW	2
2	A106	BASE SIDE SET SCREW	1
3	E428	BASE SIDE PRESSER PLATE	1
4	W428-1	BASE SIDE PRESSER PLATE RUBBER	1
5	E425	BASE SHAFT SET SCREW	2
6	E423	BASE SHAFT	2
7	E427	BASE PRESSER PLATE	1
8	E433	BASE PRESSER PLATE RUBBER	1
9	E429	PRESSER PLATE SET SCREW	1
10	E432	SHIM SPRING	1
11	W410	BASE COVER	1
12	E431	PRESSER PLATE SET NUT	1
13	E424	RUBBER PACKING	4
14	E429	SIDE PRESSER PIATE SET SCREW	1
15	E418	BIG WORKING PLATE	1
16	E409	WORKING PLATE	1
17	E413	LEG	2

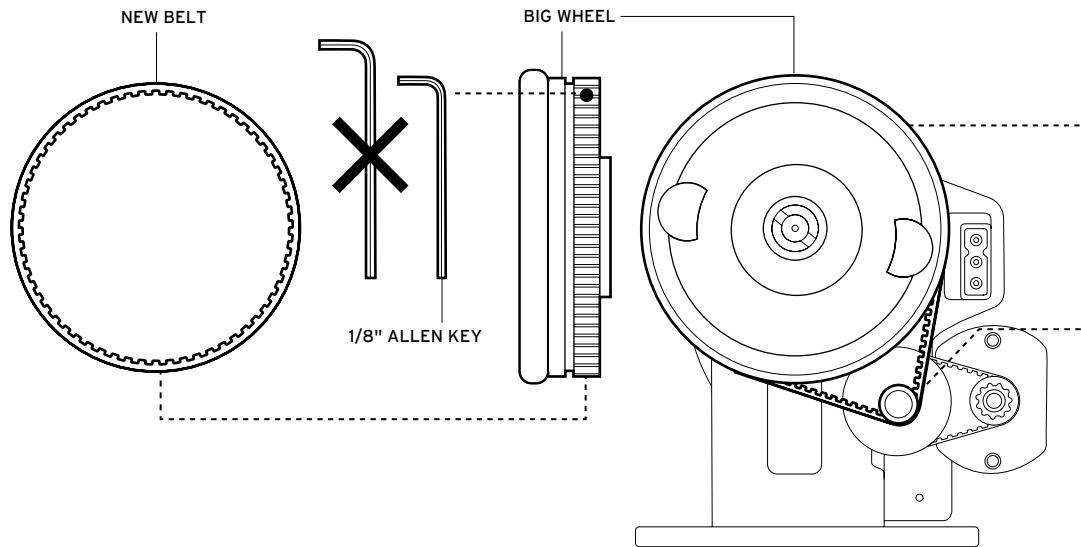
# CUDA CRANK INSTALLATION



- 1** Unscrew & remove the stop motion stop screw with screw driver.
- 2** By hand, unscrew & remove the stop motion screw.
- 3** Remove clamp washer from under the stop motion screw.
- 4** Remove the drive belt cover held by two screws.



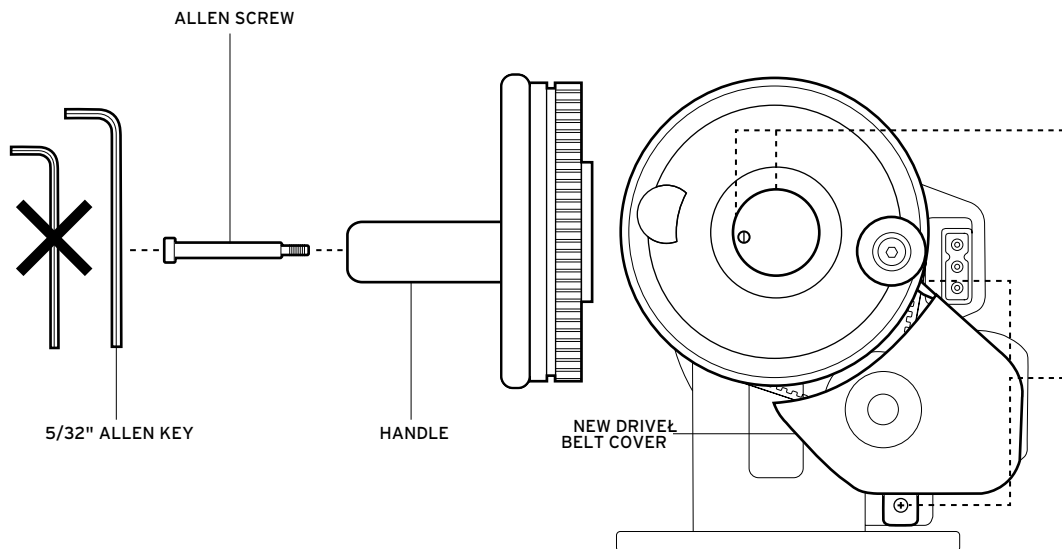
- 5** Remove longer main belt. Turn hand wheel to assist removal.
- 6** Remove the hand wheel. Wheel slides off.



**7** Install the BIG WHEEL on the end of the shaft making sure that the teeth on the wheel are facing the sowing head.

**8** Tighten the BIG WHEEL on the 1/8" Allen key provided.

**9** Install the new mail drive belt. Slip the drive belt over the BIG WHEEL first and then slip the belt over the small idle pulley at the back. Turn the small pulley slowly clockwise to make sure that the belt is properly in place.



**10** Put back in place the stop motion screw & clamp motion washer. Put back in place the stop motion clamp stop screw.

**11** Install the new belt cover on by two screws.

**12** For hand crank operation only, install the handle to the BIG WHEEL by tightening the Allen screw with the 5/32" Allen key provided.



## OPTIONAL - CUDA CASE

- 3/4" plywood construction
- Reinforced metal corner guards
- Heavy-duty handle
- Dual exterior case latches
- Separate insert houses the accessory kit for extra needles, bobbins and more



# RELIABLE CORPORATION 3-YEAR PRODUCT WARRANTY POLICY FOR THE BARRACUDA SEWING MACHINE (MODEL 200ZW)

**Reliable Corporation ("Reliable") warrants to the original purchaser of the boiler noted above from Reliable (the "Barracuda") that for a period of three (3) years from the date of purchase it will be free from defects in materials and workmanship when utilized for normal use by the original purchaser only.**

Subject to the conditions and limitations set forth below, Reliable will either repair or replace any part of a Barracuda that proves defective by reason of improper workmanship or materials. If the defective Barracuda is no longer available and cannot be repaired effectively or replaced with an identical model, Reliable shall replace the defective Barracuda with a current Barracuda of equal or greater value. Repaired parts or replacement products will be provided by Reliable on an exchange basis, and will be either new or refurbished to be functionally equivalent to new. If Reliable is unable to repair or replace a Barracuda, it will refund the current value of that Barracuda at the time the warranty claim is made.

This limited warranty does not cover any damage to a Barracuda that results from improper installation, accident, abuse, misuse, unreasonable use, natural disaster, insufficient or excessive electrical supply, abnormal mechanical or environmental conditions or any unauthorized disassembly, repair or modification. This limited warranty does not extend to any indirect, consequential or incidental damages that may be suffered by a user from the use of a Barracuda, including without limitation, any liability for third party claims for damage, and is limited to the amount paid by the original purchaser for the Barracuda with respect to which this limited warranty protection applies. This limited warranty does not apply with respect to products that have been altered or products not purchased directly from Reliable or a dealer authorized by Reliable to sell the Reliable Barracuda.

This limited warranty is the only warranty that applies to the Reliable Barracuda, sewing machine, supersedes any and all terms that may be contained in any other document or purchase order and may not be altered or amended except expressly in writing by Reliable.

To obtain a repair or replacement under the terms of this warranty, please contact our customer service group at 1 800 268 1649. You will be required to submit an original receipt via fax or e-mail. The receipt must reflect that you are the original purchaser, the product was bought directly from Reliable or from an authorized Reliable dealer and that the warranty claim is being made in compliance with the terms set out in this document or any subsequent document issued by Reliable in connection with this policy. You will be issued a return authorization number (RA#) and asked to ship the defective product together with proof of purchase and RA#, prepaid insured to the following address: Reliable Corporation, 5-100 Wingold Ave, Toronto, ON M6B 4K7.

Freight collect shipments will be refused. The risk of loss or damage in transit will be borne by the customer. Once Reliable receives the defective product, it will initiate the repair or replacement process.

If you have any questions regarding this warranty, you may write to:

Reliable Corporation  
100 Wingold Avenue, Unit 5  
Toronto, Ontario  
Canada M6B 4K7  
[www.Reliablecorporation.com](http://www.Reliablecorporation.com)

# RELIABLE CORPORATION PRODUCTS WARRANTY

Reliable Corporation ("Reliable ") warrants to the original purchaser of its products that every product sold by Reliable (a "Reliable Product") is free from defects in material and workmanship for a period of one year from the date of purchase if properly used and maintained. Subject to the conditions and limitations set forth below, Reliable will either repair or replace any part of a Reliable Product that proves defective by reason of improper workmanship or materials. If the defective Reliable Product is no longer available and cannot be repaired effectively or replaced with an identical model, Reliable shall replace the defective Reliable Product with a current Reliable Product of equal or greater value. Repaired parts or replacement products will be provided by Reliable on an exchange basis, and will be either new or refurbished to be functionally equivalent to new. If Reliable is unable to repair or replace a Reliable Product, it will refund the current value of that Reliable Product at the time the warranty claim is made.

This limited warranty does not cover any damage to a Reliable Product that results from improper installation, accident, abuse, misuse, natural disaster, insufficient or excessive electrical supply, abnormal mechanical or environmental conditions, wear and tear resulting from normal use of the product, or any unauthorized disassembly, repair, or modification. This limited warranty does not extend to any indirect, consequential or incidental damages that may be suffered by a user or from the use of a Reliable Product, including without limitation, any liability for third party claims for damage, and is limited to the amount paid by the original purchaser Reliable Product with respect to which this limited warranty protection applies. This limited warranty does not apply with respect to products that have been altered or which are missing serial numbers or for products not purchased directly from Reliable or a dealer authorized by us to sell Reliable Products.

This limited warranty is the only warranty that applies to any Reliable Product, supersedes any and all terms that may be contained in any other document or purchase order and may not be altered or amended except expressly in writing by Reliable.

To obtain a repair or replacement under the terms of this warranty, please contact our customer service group at 1-800-268-1649 or at support@reliablecorporation.com. You will be required to submit an original receipt via fax or e-mail. The receipt must reflect that you are the original purchaser, the product was bought directly from us or from an authorized Reliable dealer and that the warranty claim is being made within the warranty period. You will be issued a return authorization number (RA#) and asked to ship the defective product together with proof of purchase and RA#, prepaid insured to the following address: Reliable Corporation, 5-100 Wingold Avenue, Toronto, ON M6B 4K7. Freight collect shipments will be refused. The risk of loss or damage in transit will be borne by the customer. Once Reliable receives the defective product, it will initiate the repair or replacement process.

If you have any questions regarding this warranty, you may write to:

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Toronto, Ontario  
Canada M6B 4K7  
[www.reliablecorporation.com](http://www.reliablecorporation.com)











1 800 268 1649  
[www.reliablecorporation.com](http://www.reliablecorporation.com)