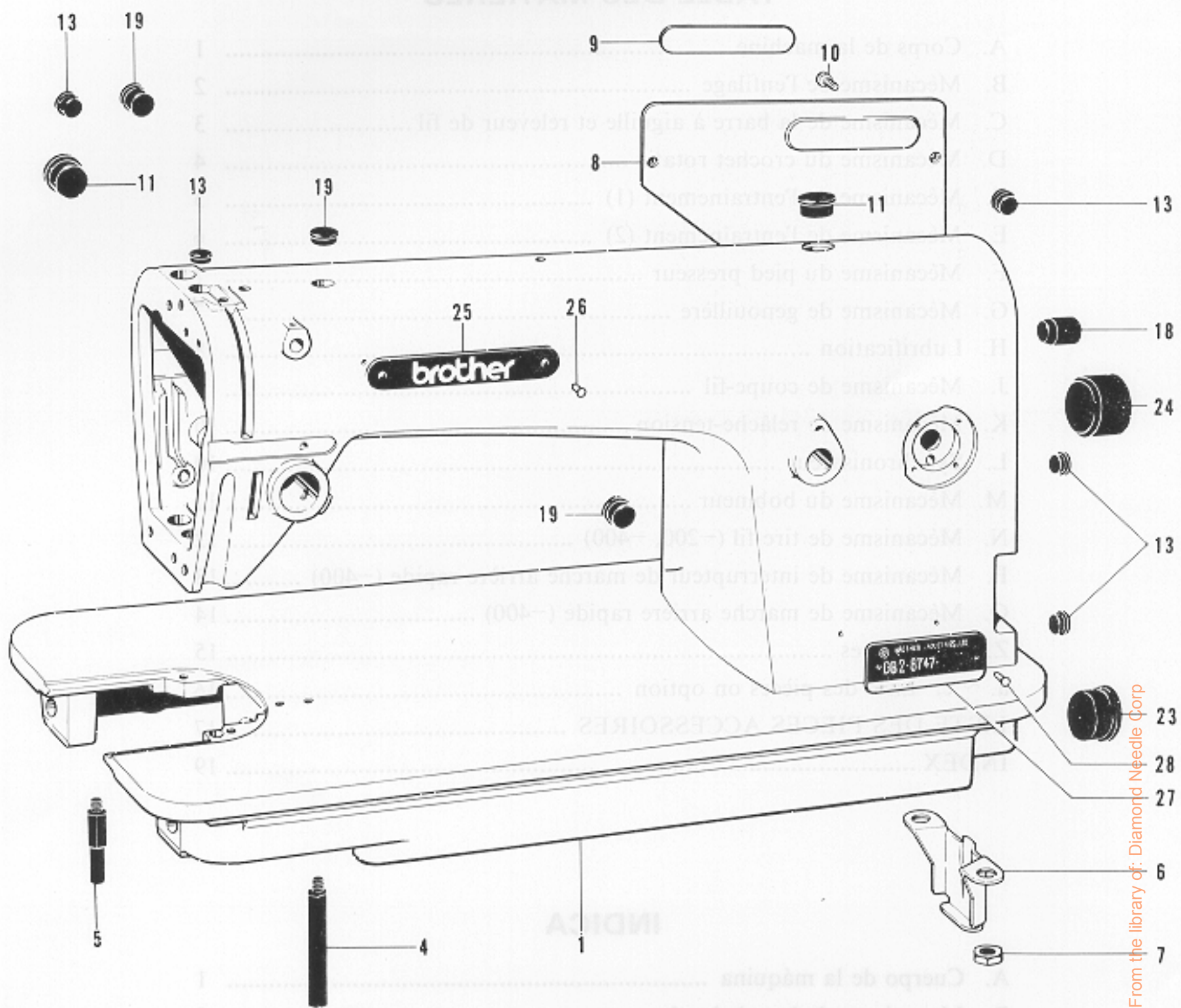


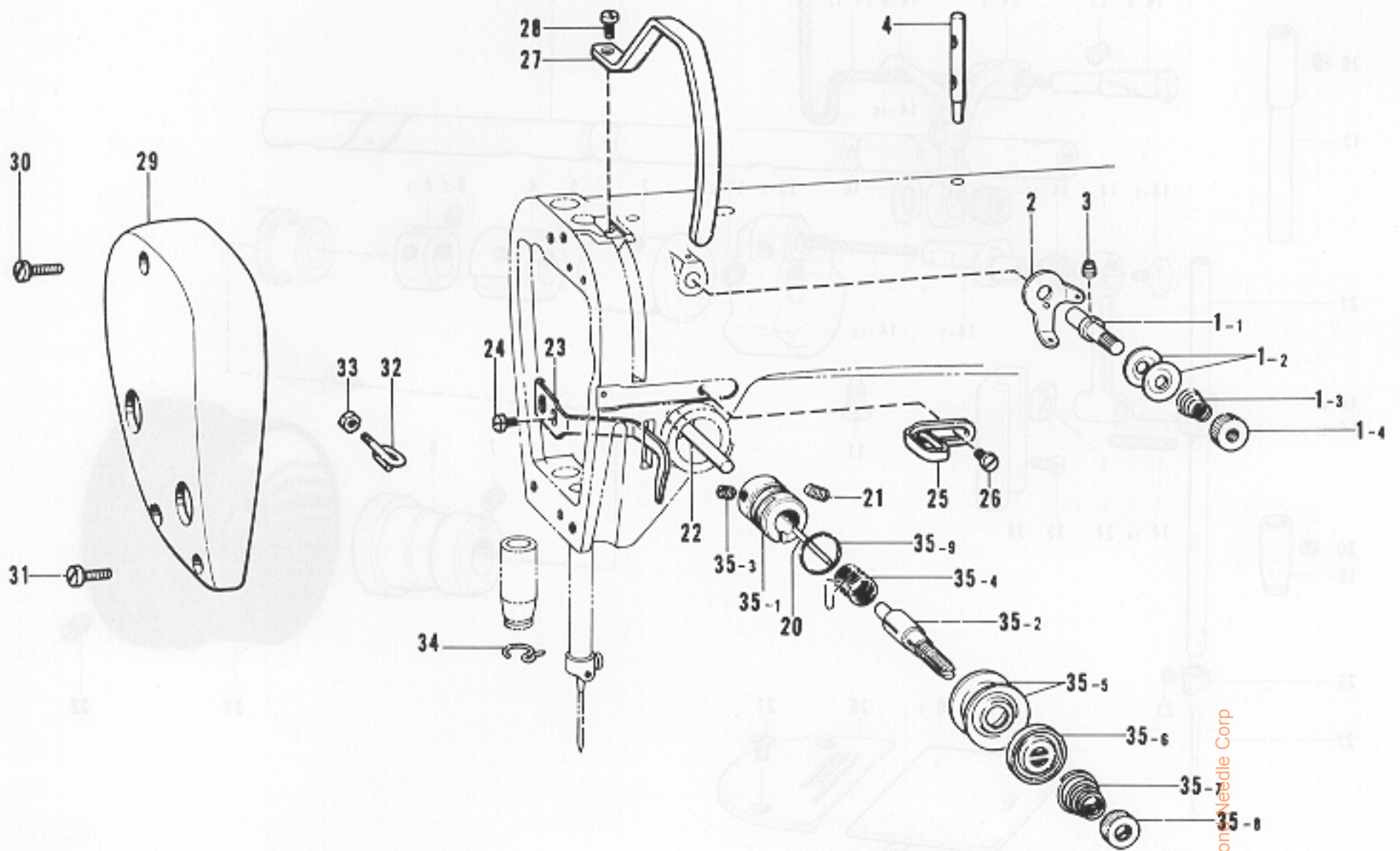
A. Machine body / Maschinengehäse
 Corps de la machine / Cuerpo de la máquina



From the library of: Diamond Needle Corp

| Ref. No. | Name of Parts | Q'ty | Parts No. | Assembly No. | Ref. No. | Name of Parts | Q'ty | Parts No. | Assembly No. |
|----------|----------------|------|-------------|--------------|----------|---------------|------|-------------|--------------|
| 1 | Arm Bed | 1 | | | 13 | Vinyl Cap | 7 | 104450-0-01 | |
| 4 | Bed Leg (A) | 1 | 104829-1-01 | | 18 | Oil Cap | 1 | 104832-0-01 | |
| 5 | Bed Leg (B) | 1 | 104830-1-01 | | 19 | Oil Cap | 3 | 104821-0-01 | |
| 6 | Pump Cover | 1 | 145454-0-01 | | 23 | Oil Cap | 1 | 108520-0-01 | |
| 7 | Net 7.14 | 2 | 100090-0-04 | | 24 | Oil Cap | 1 | 104451-0-01 | |
| 8 | Rear Cover | 1 | 145455-0-02 | | 25 | Name Plate | 1 | | |
| 9 | Name Plate | 1 | | | 26 | Pin | 2 | | |
| 10 | Screw 3.57 x 8 | 5 | 009670-8-12 | | 27 | Model Plate | 1 | | |
| 11 | Oil Cap | 2 | 104449-0-01 | | 28 | Pin | 2 | | |

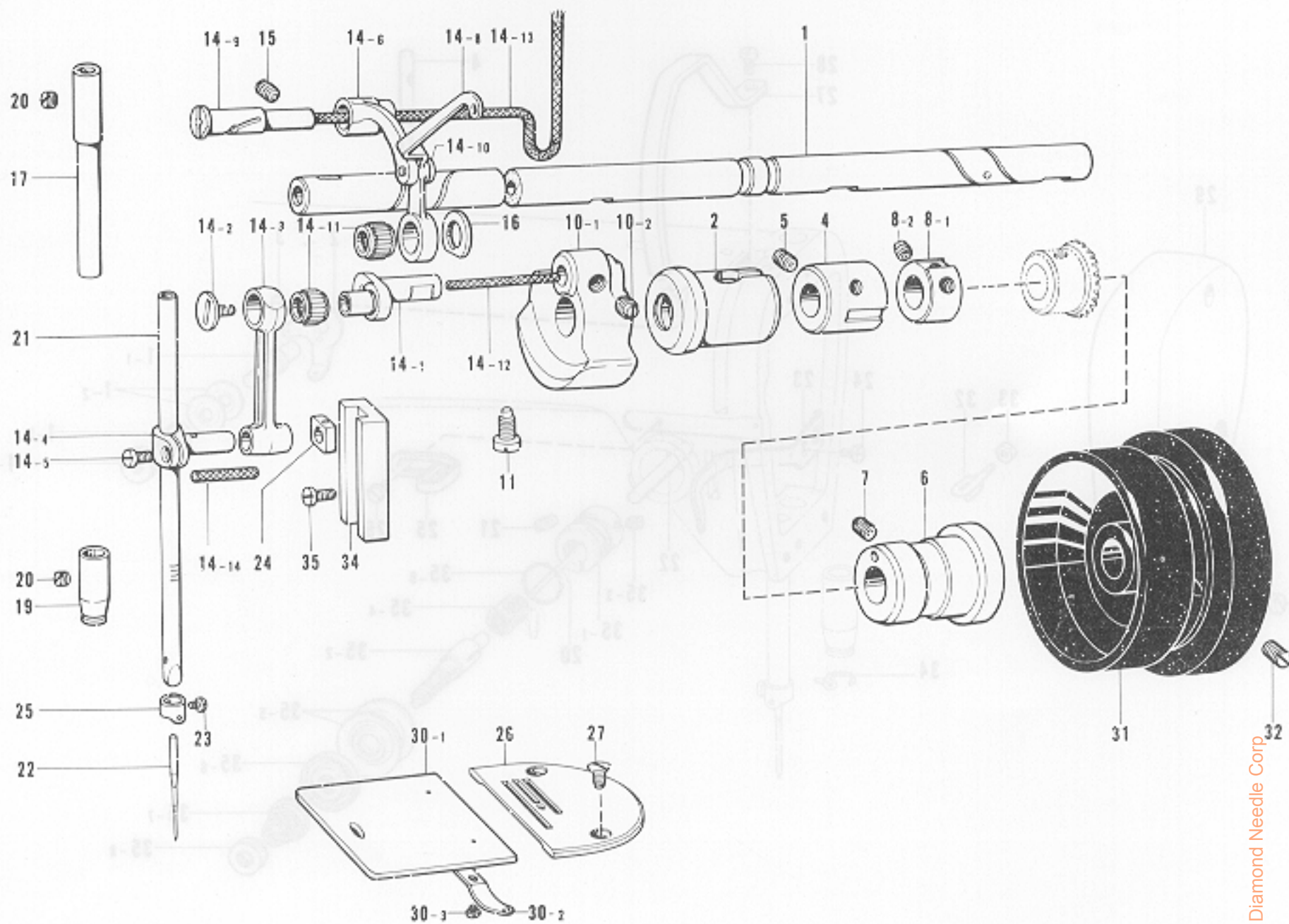
B. Threading mechanism / Fadenführungsrichtung
 Mécanisme de l'enfilage / Mecanismo de la enhebrado



| Ref. No. | Name of Parts | Q'ty | Parts No. | Assembly No. | Ref. No. | Name of Parts | Q'ty | Parts No. | Assembly No. |
|----------|----------------------------------|------|-------------|---|-----------------------|---------------------------------|-------------|-------------|--|
| 1- 1 | Pre-tension Stud | 1 | 154559-0-01 | B-1 Pre-tension Assembly 183125-0-01 | 29 | Face Plate | 1 | 145523-0-02 | |
| 1- 2 | Thread Guide Disc | 2 | 144504-0-01 | | 30 | Screw 3.57 x 18 | 1 | 009671-8-12 | |
| 1- 3 | Spring B | 1 | 154562-0-01 | | 31 | Screw 3.57 x 10 | 2 | 009671-0-12 | |
| 1- 4 | Nut | 1 | 155510-0-01 | | 32 | Arm Thread Guide L | 1 | 159795-0-01 | |
| 2 | Thread Guide | 1 | 154563-0-01 | | 33 | Nut 3.18 | 1 | 021660-1-02 | |
| 3 | Screw 4.37 | 1 | 151602-0-02 | | 34 | Thread Guide Under | 1 | 100573-0-01 | |
| 4 | Spool Pin | 1 | 147557-0-01 | | 35- 1 | Upper Tension Regulator Bracket | 1 | 147741-0-01 | B-35 Tension Regulator Assembly 183129-0-01 |
| 20 | Tension Release Pin | 1 | 100400-0-00 | 35- 2 | Tension Stud | 1 | 100398-0-01 | | |
| 21 | Screw 5.95 | 1 | 103950-0-03 | 35- 3 | Screw 3.57 | 1 | 100402-0-04 | | |
| 22 | Tension Release Stud | 1 | 145691-0-01 | 35- 4 | Thread Take-up Spring | 1 | 145519-0-01 | | |
| 23 | Presser Bar Bracket Thread Guide | 1 | 111469-1-01 | 35- 5 | Tension Disc | 2 | 145446-0-01 | | |
| 24 | Screw 4.37 x 7 | 1 | 009680-7-12 | 35- 6 | Tension Disc Washer | 1 | 159805-0-01 | | |
| 25 | Thread Retainer | 1 | 147339-0-01 | 35- 7 | Spring | 1 | 148924-1-01 | | |
| 26 | Screw 3.57 x 6 | 1 | 009670-6-12 | 35- 8 | Tension Control Nut | 1 | 100136-0-01 | | |
| 27 | Thread Take-up Cover | 1 | 147338-0-02 | 35- 9 | O Ring | 1 | 114294-0-01 | | |
| 28 | Screw 4.37 x 7 | 1 | 009680-7-12 | | | | | | |

from the library of: Diamond Needle Corp

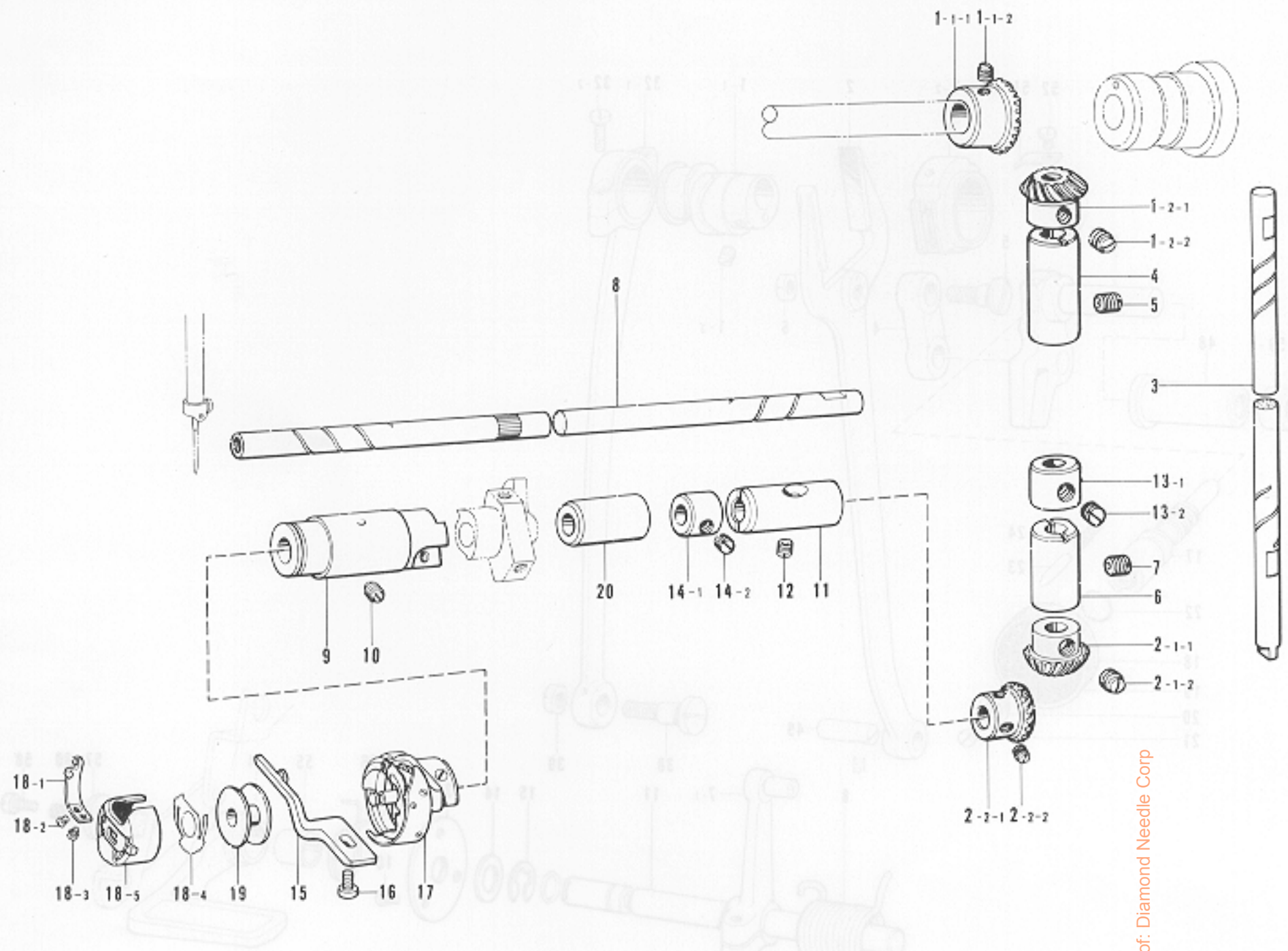
C. Needle bar and thread take-up mechanism / Nadelstange und Fadenabnahmevorrichtung
 Mécanisme de la barre à aiguille et releveur de fil / Mecanismo de la barra de aguja y tirahilos



From the library of: Diamond Needle Corp.

| Ref. No. | Name of Parts | Q'ty | Parts No. | Assembly No. | Ref. No. | Name of Parts | Q'ty | Parts No. | Assembly No. | |
|----------|----------------------------------|------|-------------|--|----------|------------------------------|--------------------|-------------|---------------------|--|
| 1 | Upper Shaft | 1 | 147511-0-01 | | 14-12 | Wick 3 x 3 | 1 | 140430-0-01 | C-14 147323-0-01 | |
| 2 | Upper Shaft Bushing Left | 1 | 145459-1-01 | | 14-13 | Wick 4 x 4 | 1 | 158726-0-01 | | |
| 4 | Upper Shaft Bushing Intermediate | 1 | 140726-0-00 | | 14-14 | Wick 4 x 4 | 1 | 158727-0-01 | | |
| 5 | Screw 5.95 x 6 | 1 | 013760-6-10 | | 15 | Screw 6.35 x 10 | 1 | 013781-0-12 | | |
| 6 | Upper Shaft Bushing Right | 1 | 145461-1-01 | | 16 | Washer | 1 | 110367-0-01 | | |
| 7 | Screw 5.95 x 6 | 1 | 013760-6-10 | | 17 | Needle Bar Bushing Upper | 1 | 111463-0-01 | | |
| 8-1 | Set Collar | 1 | | C-8 Collar Assembly 181916-0-01 | 19 | Needle Bar Bushing D | 1 | 147326-0-01 | | |
| 8-2 | Screw 6.35 | 2 | 100251-0-01 | | 20 | Screw 5.95 | 2 | 100260-0-01 | | |
| 10-1 | Counter Weight | 1 | 109205-0-00 | C-10 Counter Weight Assembly 159468-0-01 | 21 | Needle Bar | 1 | 147518-0-01 | | |
| 10-2 | Screw 6.35 | 2 | 100251-0-01 | | 22 | Needle | 1 | | | |
| 11 | Screw 7.14 | 1 | 104464-0-01 | | 23 | Screw 3.18 | 1 | 140553-1-02 | | |
| 14-1 | Needle Bar Crank | 1 | | C-14 Take-up Lever Complete Assembly 147323-0-01 | 24 | Needle Bar Guide Slide Block | 1 | 102630-0-01 | | |
| 14-2 | Screw 3.57 L | 1 | 145465-0-01 | | | 25 | Thread Guide | 1 | 151594-0-01 | |
| 14-3 | Needle Bar Crank Rod | 1 | | | | 26 | Needle Plate | 1 | | |
| 14-4 | Needle Bar Clamp | 1 | | | | 27 | Screw 4.37 | 2 | 100032-0-04 | |
| 14-5 | Screw 3.57 | 1 | 140004-0-01 | | | 30-1 | Slide Plate | 1 | | C-30 Slide Plate Assembly 180018-0-01 |
| 14-6 | Thread Take-up Lever | 1 | | | | 30-2 | Slide Plate Spring | 1 | 114561-0-01 | |
| 14-8 | Thread Take-up Supporter | 1 | | | | 30-3 | Screw 2.38 | 2 | 122771-0-02 | |
| 14-9 | Stud | 1 | | | | 31 | Pulley | 1 | 148822-0-01 | |
| 14-10 | Pin | 1 | | | | 32 | Screw 5.95 | 2 | 013761-4-10 | |
| 14-11 | Needle Bearing | 2 | | | | 34 | Needle Bar Guide | 1 | 145688-0-00 | |
| | | | | | | 35 | Screw 3.57 x 6 | 2 | 009670-6-12 | |

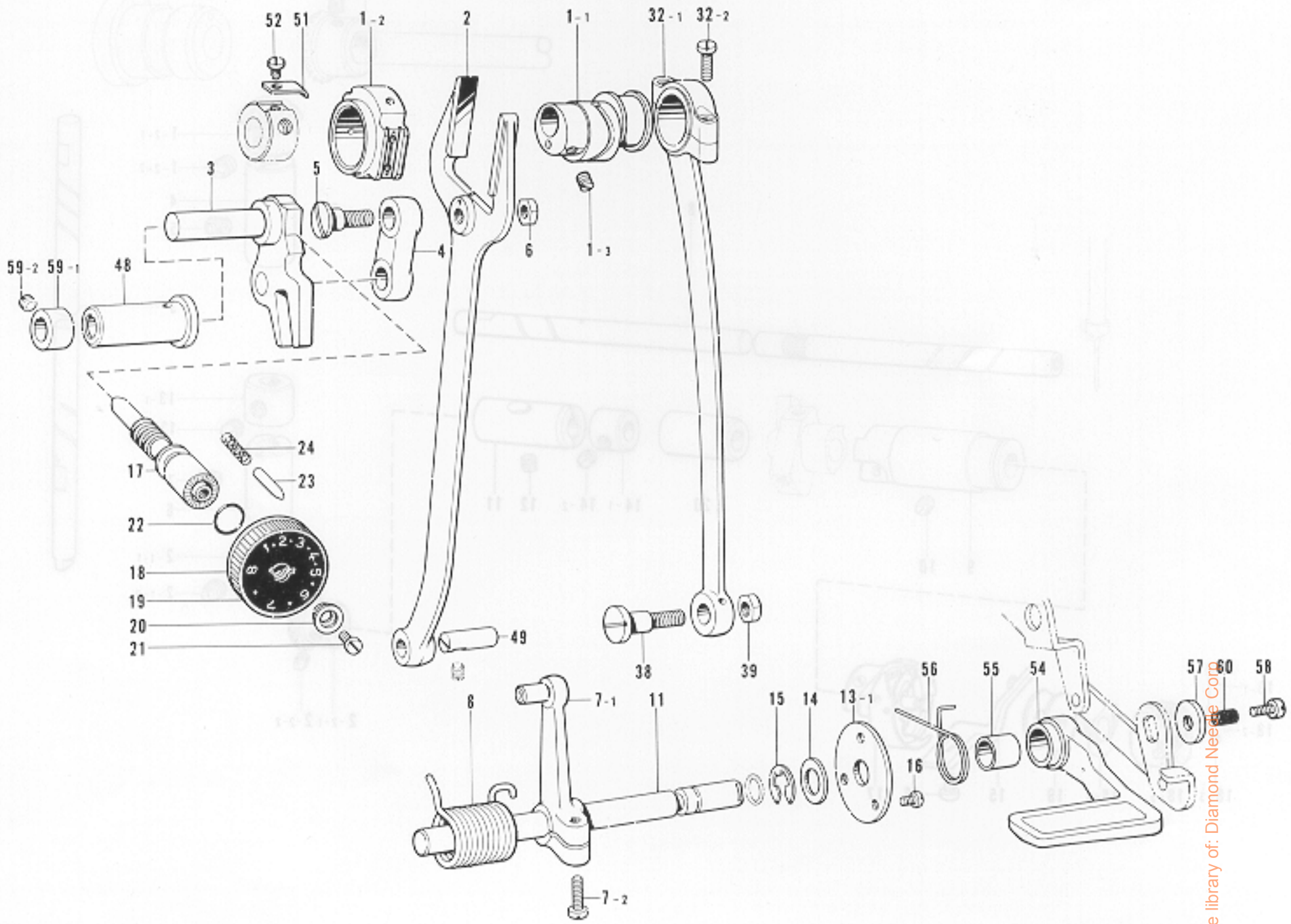
D. Rotary hook mechanism / Greifervorrichtung
 Mécanisme du crochet rotatif / Mecanismo del cangrejo



From the library of: Diamond Needle Corp

| Ref. No. | Name of Parts | Q'ty | Parts No. | Assembly No. | Ref. No. | Name of Parts | Q'ty | Parts No. | Assembly No. | |
|----------|------------------------------|------|-------------|--|-------------------------------|-------------------------------------|-------------|-------------|--|--|
| 1- 1- 1 | Gear | 1 | | D-1 Bevel Gear Upper Assembly 140378-0-01 | 11 | Lower Shaft Bushing Right | 1 | 104520-0-00 | | |
| 1- 1- 2 | Screw 6.35 | 2 | 100251-0-01 | | 12 | Screw 4.37 | 1 | 151607-0-01 | | |
| 1- 2- 1 | Gear | 1 | | | 13- 1 | Set Collar | 1 | | D-13 Collar Assembly 181995-0-01 | |
| 1- 2- 2 | Screw 6.35 | 2 | 100251-0-01 | 13- 2 | Screw 6.35 | 2 | 101706-0-01 | | | |
| 2- 1- 1 | Gear D | 1 | | D-2 Bevel Gear Lower Assembly 140381-0-01 | 14- 1 | Set Collar | 1 | | D-14 Collar Assembly 181995-0-01 | |
| 2- 1- 2 | Screw 6.35 | 2 | 100251-0-01 | | 14- 2 | Screw 6.35 | 2 | 101706-0-01 | | |
| 2- 2- 1 | Gear | 1 | | | 15 | Bobbin Case Holder Position Bracket | 1 | 147337-0-01 | | |
| 2- 2- 2 | Screw 6.35 | 2 | 100251-0-01 | 16 | Screw 4.37 x 12 | 1 | 009681-2-12 | | | |
| 3 | Vertical Shaft | 1 | 159789-0-01 | 17 | Rotary Hook Assembly B1 | 1 | 159793-0-01 | | | |
| 4 | Vertical Shaft Bushing Upper | 1 | 142708-0-00 | 18- 1 | Lower Thread Adjusting Spring | 1 | 181936-0-01 | | D-18 Bobbin Case Assembly 151845-0-01 | |
| 5 | Screw 5.95 x 6 | 1 | 013760-6-10 | 18- 2 | Spring Adjusting Screw | 1 | 181937-0-01 | | | |
| 6 | Vertical Shaft Bushing Lower | 1 | 159790-0-00 | 18- 3 | Spring Set Screw | 1 | 181938-0-01 | | | |
| 7 | Screw 5.95 | 1 | 013761-4-10 | 18- 4 | Bobbin Presser Spring | 1 | 151844-0-01 | | | |
| 8 | Lower Shaft | 1 | 159791-0-01 | 18- 5 | Bobbin Case | 1 | | | | |
| 9 | Lower Shaft Bushing Left | 1 | 159792-0-00 | 19 | Bobbin | 1 | 159794-0-01 | | | |
| 10 | Screw 4.37 | 1 | 151602-0-02 | 20 | Lower Shaft Bushing Middle | 1 | 118762-0-00 | | | |

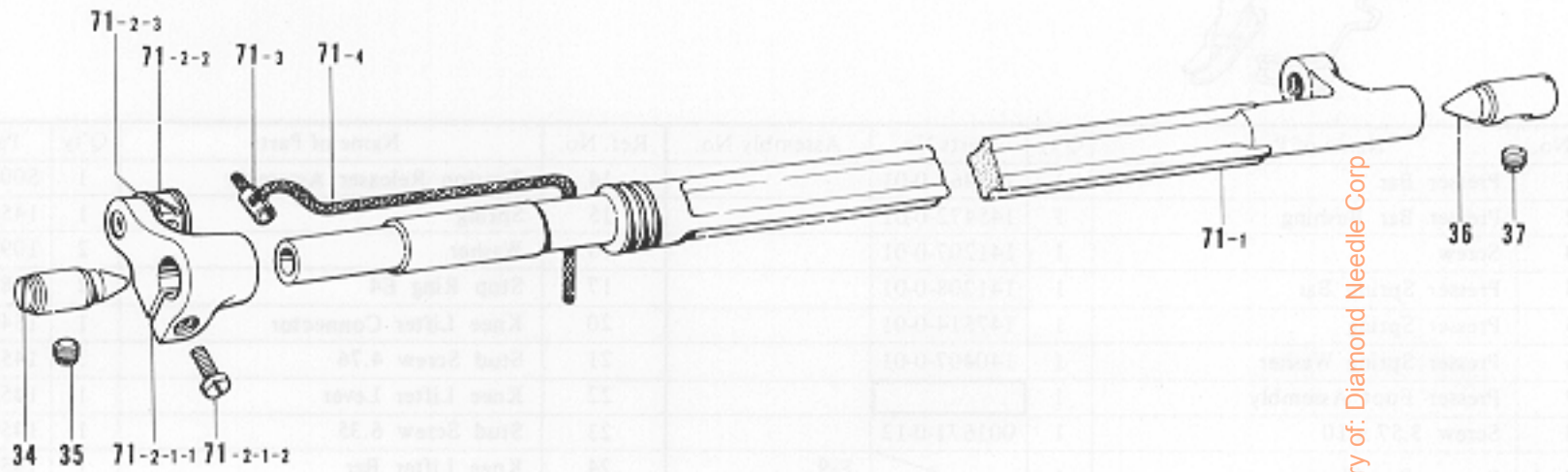
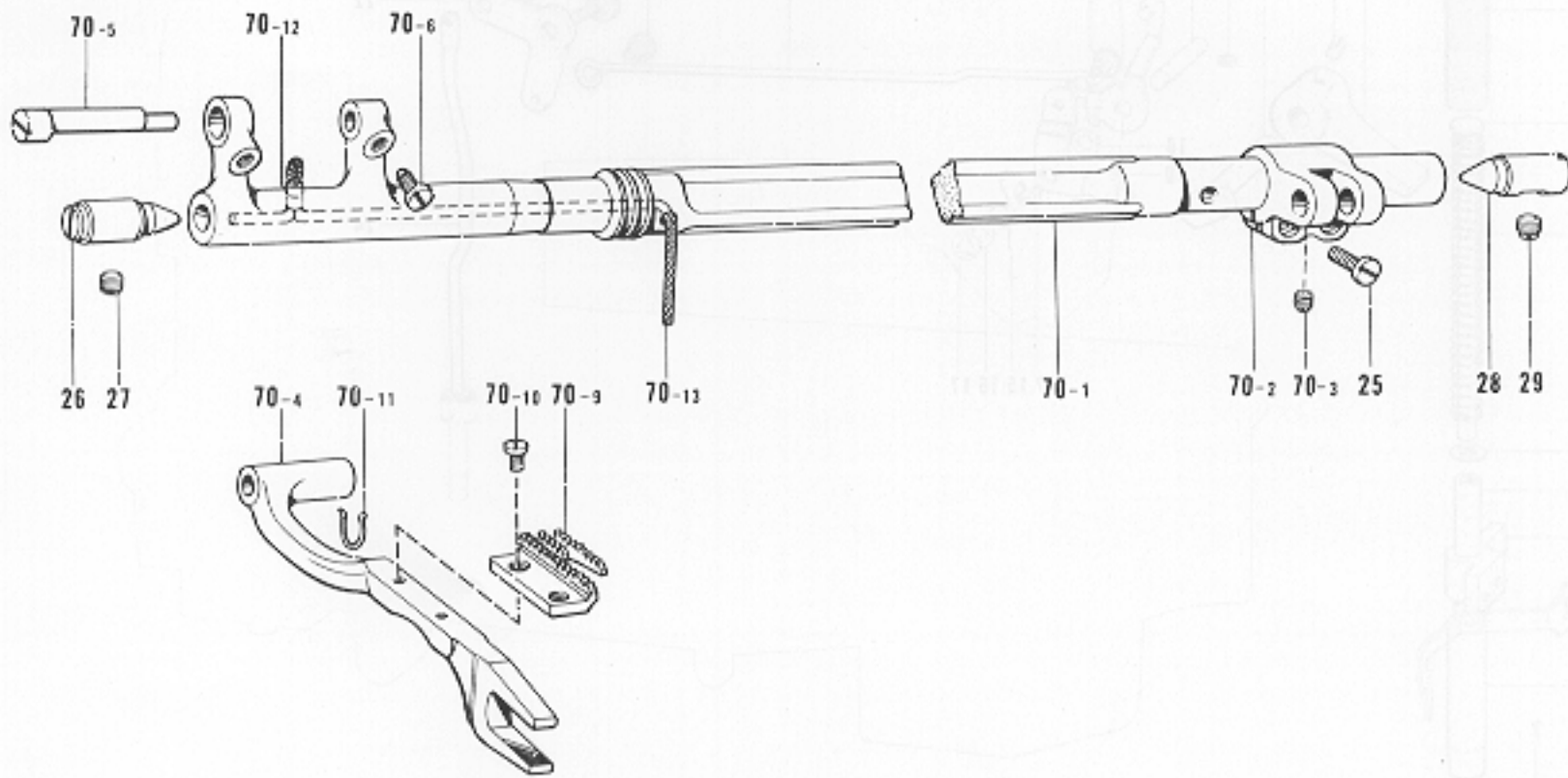
E. Feed mechanism (1) / Transportvorrichtung (1)
 Mécanisme de l'entraînement (1) / Mecanismo de la alimentación (1)



From the library of: Diamond Needle Corp

| Ref. No. | Name of Parts | Q'ty | Parts No. | Assembly No. | Ref. No. | Name of Parts | Q'ty | Parts No. | Assembly No. |
|----------|-----------------------|------|-------------|-------------------------------|----------|------------------------------|------|-------------|-----------------------------------|
| 1- 1 | Feed Cam | 1 | | E-1 | 20 | Length Control Supporter | 1 | 142746-0-02 | |
| 1- 2 | Feed Cam Sleeve | 1 | | Feed Cam Sleeve Assembly | 21 | Screw 4.76 | 1 | 142747-0-02 | |
| 1- 3 | Screw 5.95 | 2 | 151604-0-01 | | 22 | O Ring | 1 | 198549-0-01 | |
| 2 | Feed Forked Connector | 1 | 109147-0-01 | | 23 | Pin | 1 | 145502-0-01 | |
| 3 | Feed Regulator | 1 | | | 24 | Notch Spring | 1 | 100328-0-01 | |
| 4 | Feed Link | 1 | 147502-0-00 | | 32- 1 | Crank Rod | 1 | | E-32 |
| 5 | Stud Screw 7.14 | 1 | 145486-0-01 | | 32- 2 | Screw 4.76 | 2 | 107428-0-03 | Crank Rod Assembly 145506-0-01 |
| 6 | Nut 7.14 | 1 | 104689-0-02 | | 38 | Stud Screw 7.14 | 1 | 147509-0-01 | |
| 7- 1 | Lever Assembly | 1 | | E-7 | 39 | Nut 7.14 | 1 | 104689-0-02 | |
| 7- 2 | Screw 4.76 x 14 | 1 | 609711-4-12 | Feed Regulator Lever Assembly | 48 | Feed Regulator Shaft Bushing | 1 | 147500-0-00 | |
| 8 | Spring | 1 | | | 49 | Feed Rock Shaft Arm Pin | 1 | 109153-0-01 | |
| 9 | Reverse Lever | 1 | | | 51 | Feed Cam Stopper | 1 | 147764-0-01 | |
| 10 | Screw 4.76 x 14 | 1 | | | 52 | Screw 3.57 x 4 | 1 | 009670-4-12 | |
| 11 | Reverse Lever Shaft | 1 | | | 53 | Reverse Lever Shaft | 1 | | |
| 12 | Screw 4.76 | 1 | | | 54 | Reverse Lever | 1 | | |
| 13- 1 | Washer | 1 | | | 55 | Collar | 1 | | |
| 13- 2 | Reverse Lever Stopper | 1 | | | 56 | Spring | 1 | | |
| 14 | Washer 10 | 1 | 025100-1-32 | | 57 | Washer | 1 | | |
| 15 | Stop Ring E8 | 1 | 048080-3-42 | | 58 | Screw 4.76 x 8 | 1 | | |
| 16 | Screw 3.57 x 5 | 3 | 007670-5-13 | | 59- 1 | Set Collar | 1 | | E-59 |
| 17 | Length Control Screw | 1 | 109151-1-01 | | 59- 2 | Screw 6.35 | 1 | 123006-0-01 | Collar Assembly 183178-0-01 |
| 18 | Length Control Dial | 1 | 153168-0-01 | | 60 | Vinyl Tube | 1 | | |
| 19 | Length Control Plate | 1 | | | | | | | |

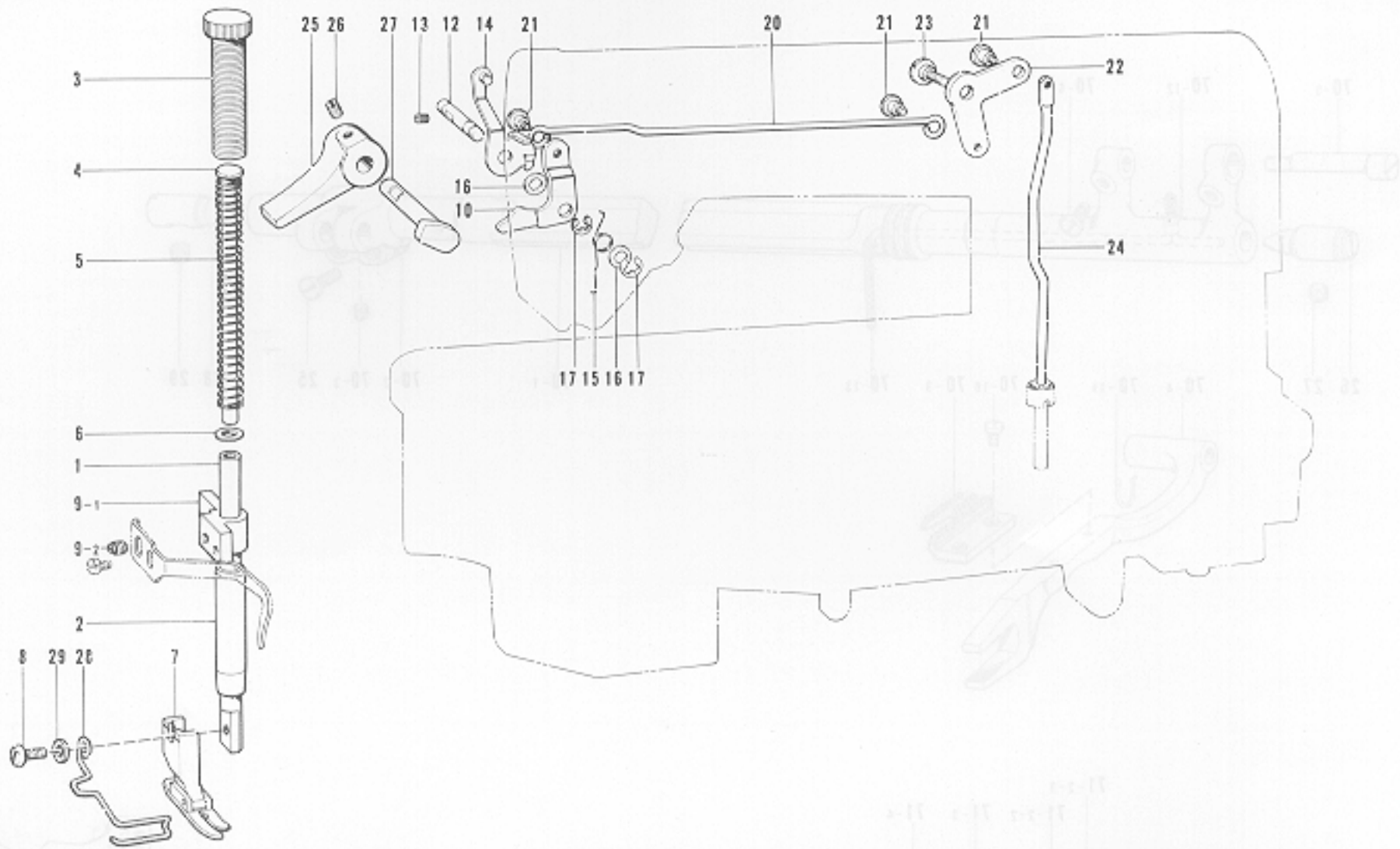
E. Feed mechanism (2) / Transportvorrichtung (2)
 Mécanisme de l'entraînement (2) / Mecanismo de la alimentación (2)



From the library of: Diamond Needle Corp

| Ref. No. | Name of Parts | Q'ty | Parts No. | Assembly No. | Ref. No. | Name of Parts | Q'ty | Parts No. | Assembly No. |
|----------|---------------------|------|-------------|-------------------------------------|-----------|----------------------|------|-------------|---|
| 25 | Screw 4.37 x 12 | 2 | 009681-2-12 | | 70- 6 | Screw 4.37 | 2 | 120990-0-01 | |
| 26 | Taper Center Left | 1 | 104847-0-01 | | 70- 9 | Feed Dcg | 1 | | E-70 Feed Rock Shaft Assembly |
| 27 | Screw 6.35 | 1 | 100251-0-01 | | 70-10 | Screw 3.18 | 2 | 100080-0-03 | |
| 28 | Taper Center Right | 1 | 104848-0-01 | | 70-11 | Wick Hanger | 1 | 150342-0-01 | |
| 29 | Screw 6.35 | 1 | 100251-0-01 | | 70-12 | Vinyl Tube | 1 | 150340-0-00 | |
| 34 | Taper Center Left | 1 | 104847-0-01 | | 70-13 | Wick 4 x 4 | 1 | 108801-0-01 | |
| 35 | Screw 6.35 | 1 | 100251-0-01 | | 71- 1 | Feed Lifting Shaft | 1 | 147510-0-01 | |
| 36 | Taper Center Right | 1 | 104848-0-01 | | 71- 2-1-1 | Feed Lifting Arm | 1 | | E-71-2 Feed Lifting Arm Assembly 181941-0-01 |
| 37 | Screw 6.35 | 1 | 100251-0-01 | | 71- 2-1-2 | Screw 4.37 x 16 | 1 | 009681-6-12 | |
| 70- 1 | Feed Rock Shaft | 1 | 159283-0-01 | E-70 Feed Rock Shaft Assembly | 71- 2-2 | Slide Block Assembly | 1 | | |
| 70- 2 | Feed Rock Shaft Arm | 1 | 109152-0-01 | | 71- 2-3 | Washer | 1 | | |
| 70- 3 | Screw 4.37 | 1 | 151601-0-02 | | 71- 3 | Wick Supporter | 1 | 104567-0-01 | E-71 Feed Lifting Shaft Assembly 183117-0-01 |
| 70- 4 | Feed Bar | 1 | 147767-0-01 | | 71- 4 | Wick 4 x 4 | 1 | 108802-0-01 | |
| 70- 5 | Feed Bar Shaft | 1 | 156246-0-01 | | | | | | |

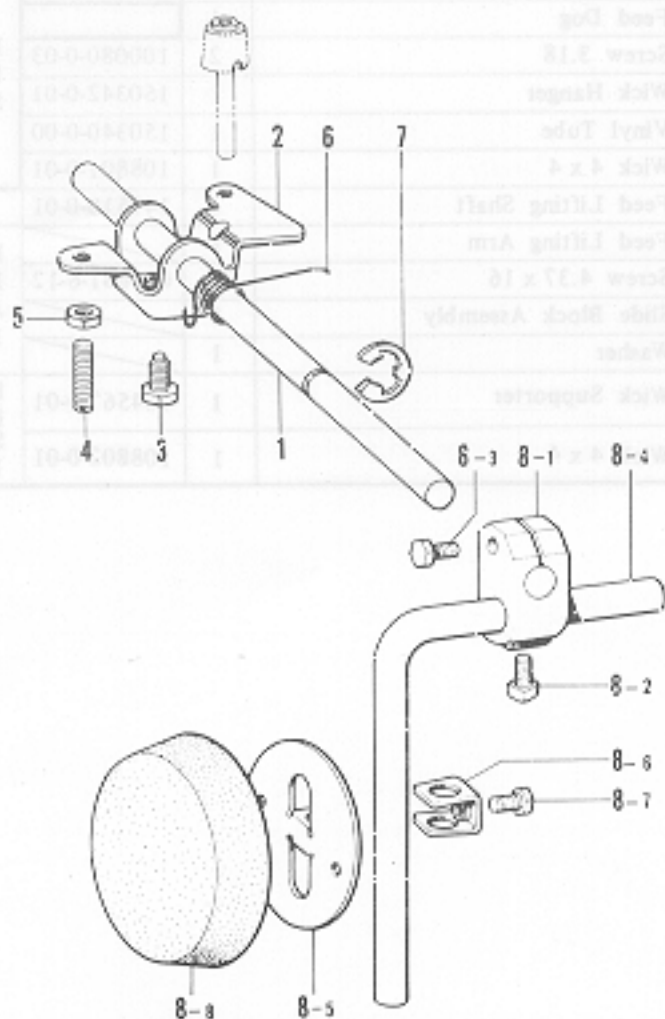
F. Presser foot mechanism / Stoffdrückerfuß
 Mécanisme du pied presseur / Mecanismo del prensatelas



| Ref. No. | Name of Parts | Q'ty | Parts No. | Assembly No. | Ref. No. | Name of Parts | Q'ty | Parts No. | Assembly No. |
|----------|--------------------------------|------|-------------|---|----------|---------------------------|------|-------------|--------------|
| 1 | Presser Bar | 1 | 111466-0-01 | | 14 | Tension Releaser Assembly | 1 | S00839-0-01 | |
| 2 | Presser Bar Bushing | 1 | 145472-0-01 | | 15 | Spring | 1 | 145475-1-01 | |
| 3 | Screw | 1 | 141207-0-01 | | 16 | Washer | 2 | 109763-0-02 | |
| 4 | Presser Spring Bar | 1 | 141208-0-01 | | 17 | Stop Ring E4 | 2 | 048040-3-42 | |
| 5 | Presser Spring | 1 | 147514-0-01 | | 20 | Knee Lifter Connector | 1 | 154550-0-01 | |
| 6 | Presser Spring Washer | 1 | 140407-0-01 | | 21 | Stud Screw 4.76 | 3 | 145478-0-01 | |
| 7 | Presser Foot Assembly | 1 | | | 22 | Knee Lifter Lever | 1 | 145479-0-01 | |
| 8 | Screw 3.57 x 10 | 1 | 001671-0-12 | | 23 | Stud Screw 6.35 | 1 | 145480-0-01 | |
| 9-1 | Presser Bar Clamp | 1 | | F-9 Presser Bar Clamp Assembly 183294-0-01 | 24 | Knee Lifter Bar | 1 | 145481-0-01 | |
| 9-2 | Screw 5.95 | 1 | 151604-0-00 | | 25 | Presser Bar Lifter | 1 | 145482-0-01 | |
| 10 | Presser Bar Lifter Lever | 1 | 145580-0-01 | | 26 | Screw 4.76 | 1 | 013710-5-12 | |
| 12 | Presser Bar Lifter Lever Shaft | 1 | 145474-0-01 | | 27 | Presser Lifter Crank | 1 | | |
| 13 | Screw 3.57 | 1 | 100128-0-02 | | 28 | Finger Guard | 1 | | |
| | | | | | 29 | Washer 3.5 | 1 | | |

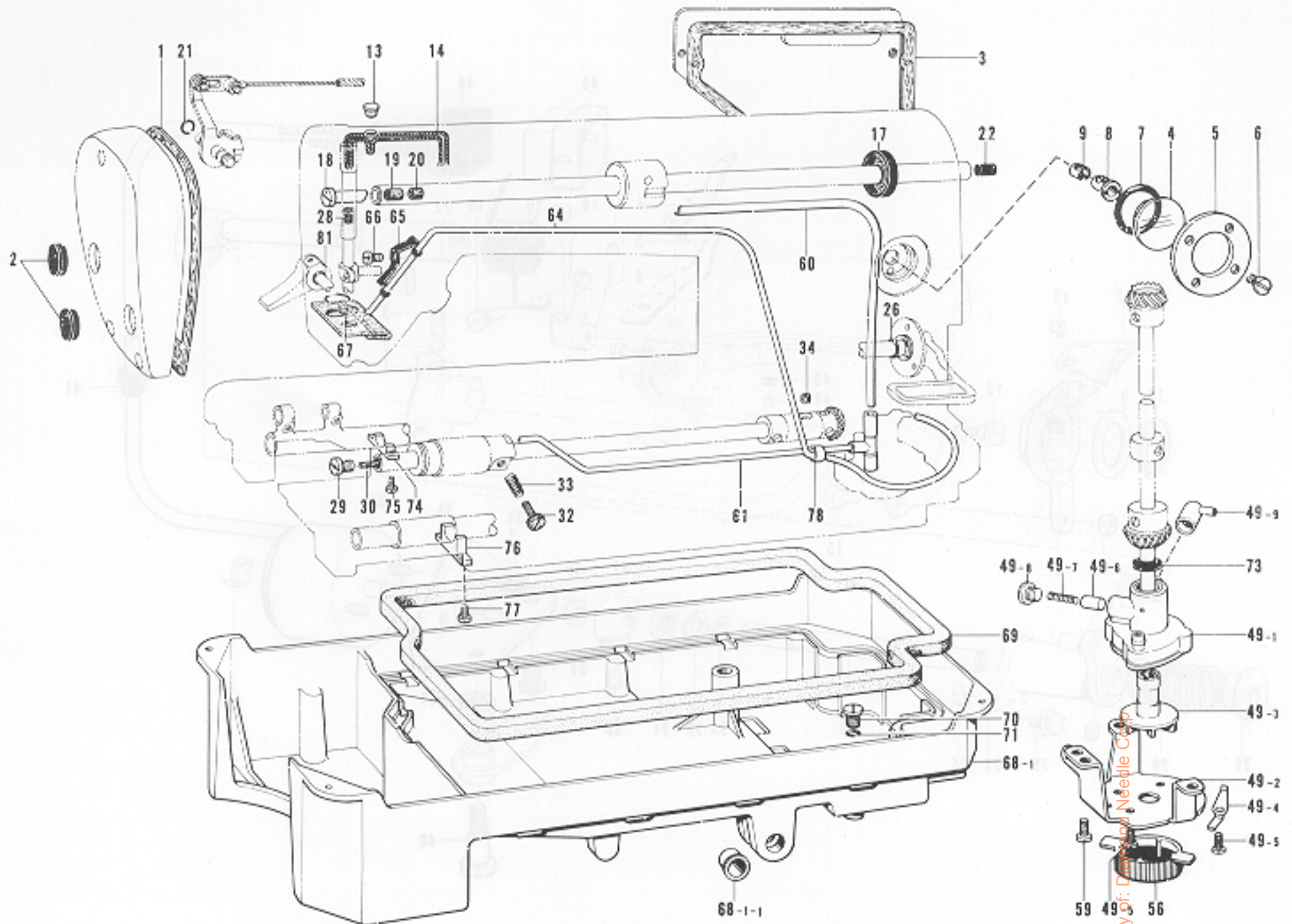
From the library of: Diamond Needle Corp

G. Knee lifter mechanism / Kniehebel
 Mécanisme de genouillère / Mecanismo de levantador de rodilla



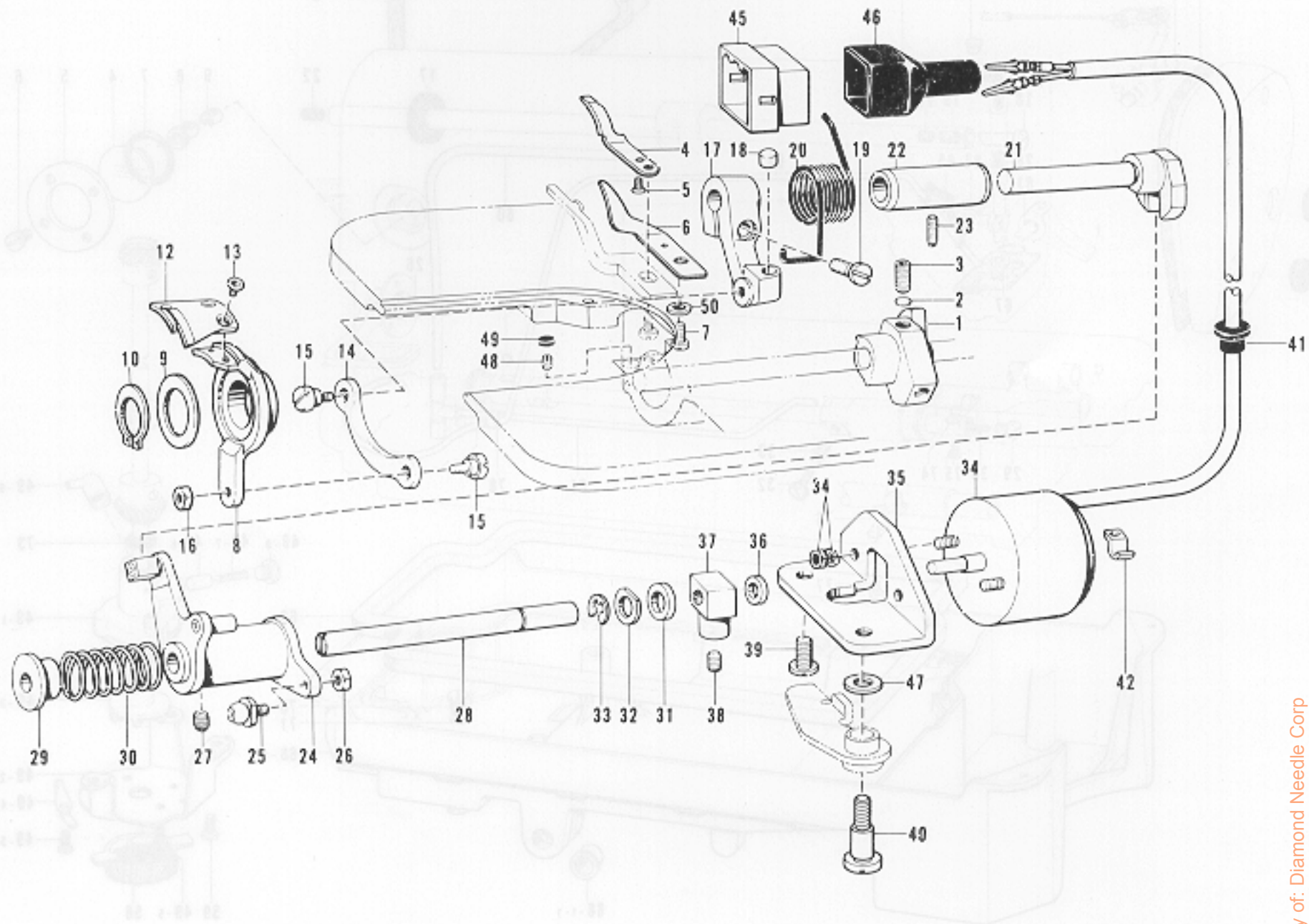
| Ref. No. | Name of Parts | Q'ty | Parts No. | Assembly No. |
|----------|---------------------------|------|-------------|---|
| 1 | Knee Lifter Shaft | 1 | 146036-1-01 | |
| 2 | Knee Lifter | 1 | 146037-0-01 | |
| 3 | Bolt 5.95 | 1 | 146367-0-01 | |
| 4 | Screw 5.95 | 2 | 104885-0-01 | |
| 5 | Nut 5.95 | 2 | 100022-0-04 | |
| 6 | Spring | 1 | 146038-0-01 | |
| 7 | Stop Ring E10 | 1 | 146293-0-01 | |
| 8-1 | Knee Lifter Joint | 1 | 146039-0-01 | |
| 8-2 | Bolt 7.94 | 1 | 100463-0-01 | |
| 8-3 | Bolt 5.95 x 20 | 1 | 017762-0-13 | |
| 8-4 | Knee Lifter Bar | 1 | 104619-0-02 | G-8 Knee Lifter Assembly 181427-0-01 |
| 8-5 | Knee Lifter Plate | 1 | 114966-0-01 | |
| 8-6 | Knee Lifter Plate Stopper | 1 | 114967-0-01 | |
| 8-7 | Bolt 5.95 | 1 | 110087-0-01 | |
| 8-8 | Knee Lifter Cover | 1 | 140503-0-01 | |

H. Lubrication / Schmierung
Lubrification / Lubricación



| Ref. No. | Name of Parts | Q'ty | Parts No. | Assembly No. | Ref. No. | Name of Parts | Q'ty | Parts No. | Assembly No. |
|----------|------------------|------|-------------|--------------|----------|---------------------|------|-------------|--------------|
| 1 | Packing | 1 | 145527-0-00 | | 49- 4 | Spring | 2 | 144874-0-01 | |
| 2 | Oil Cap | 2 | 104449-0-01 | | 49- 5 | Screw 3.57 x 8 | 4 | 009670-8-12 | |
| 3 | Packing | 1 | 145528-0-00 | | 49- 6 | Plunger | 1 | 144875-0-01 | H-49 |
| 4 | Oil Gauge Window | 1 | 104547-0-01 | | 49- 7 | Spring | 1 | 144876-0-01 | Pump Body |
| 5 | Oil Gauge Flange | 1 | 151074-0-01 | | 49- 8 | Screw 6.35 | 1 | 112467-0-02 | Assembly |
| 6 | Screw 3.57 | 4 | 100257-0-10 | | 49- 9 | Joint B | 1 | 144878-0-01 | 181476-1-01 |
| 7 | O Ring PW 14 | 1 | 081014-6-70 | | 56 | Pump Filter | 1 | 144872-0-01 | |
| 8 | Tube Holder | 1 | 145529-0-00 | | 59 | Screw 4.37 x 7 | 3 | 009680-7-12 | |
| 9 | Tube Holder Cap | 1 | 146314-0-00 | | 60 | Oil Tube Upper | 1 | 147496-0-00 | |
| 13 | Oil Cap | 1 | 111865-0-01 | | 61 | Oil Tube D Assembly | 1 | 154555-0-01 | |
| 14 | Wick 4 x 4 | 1 | 108804-0-01 | | 64 | Tube Assembly | 1 | 145543-0-01 | |
| 17 | Oil Seal | 1 | 101487-0-00 | | 65 | Tube Holder | 1 | 145547-0-01 | |
| 18 | Oil Adjustor | 1 | 146333-0-01 | | 66 | Screw 3.57 x 5 | 1 | 009670-5-13 | |
| 19 | Felt 7 x 10 | 1 | 146327-0-01 | | 67 | Felt Support | 1 | 145737-0-01 | |
| 20 | Felt | 1 | 107149-0-01 | | 68- 1 | Oil Pan | 1 | 149580-0-01 | |
| 21 | O Ring PW 1 | 1 | 081001-6-70 | | 68- 1-1 | Bushing | 2 | 149578-0-00 | |
| 22 | Oil Cap | 1 | 156641-0-01 | | 69 | Packing | 1 | 146040-0-01 | |
| 26 | O Ring | 1 | 104564-0-01 | | 70 | Screw 7.94 | 1 | 140518-0-01 | |
| 28 | Needle Bar Cork | 1 | 111863-0-01 | | 71 | O Ring P7 | 1 | 081007-0-70 | |
| 29 | Screw | 1 | 109173-0-01 | | 73 | Oil Stopper | 1 | 146196-0-01 | |
| 30 | Felt | 1 | 145751-0-01 | | 74 | Oil Stopper | 1 | 118558-0-01 | |
| 32 | Screw | 1 | 145534-0-01 | | 75 | Screw 3.57 x 8 | 2 | 009670-8-12 | |
| 33 | Spring | 1 | 116794-0-01 | | 76 | Oil Stopper | 1 | 118559-0-01 | |
| 34 | Felt | 1 | 107155-0-01 | | 77 | Screw 3.57 x 8 | 2 | 009670-8-12 | |
| 49- 1 | Pump Body | 1 | 148848-0-01 | H-49 | 78 | Tube | 1 | 146253-0-00 | |
| 49- 2 | Pump | 1 | 144869-0-01 | Pump Body | 81 | O Ring PW 1 | 1 | 081001-6-70 | |
| 49- 3 | Pump Propeller | 1 | 148849-0-01 | Assembly | | | | | |
| | | | | 181476-1-01 | | | | | |

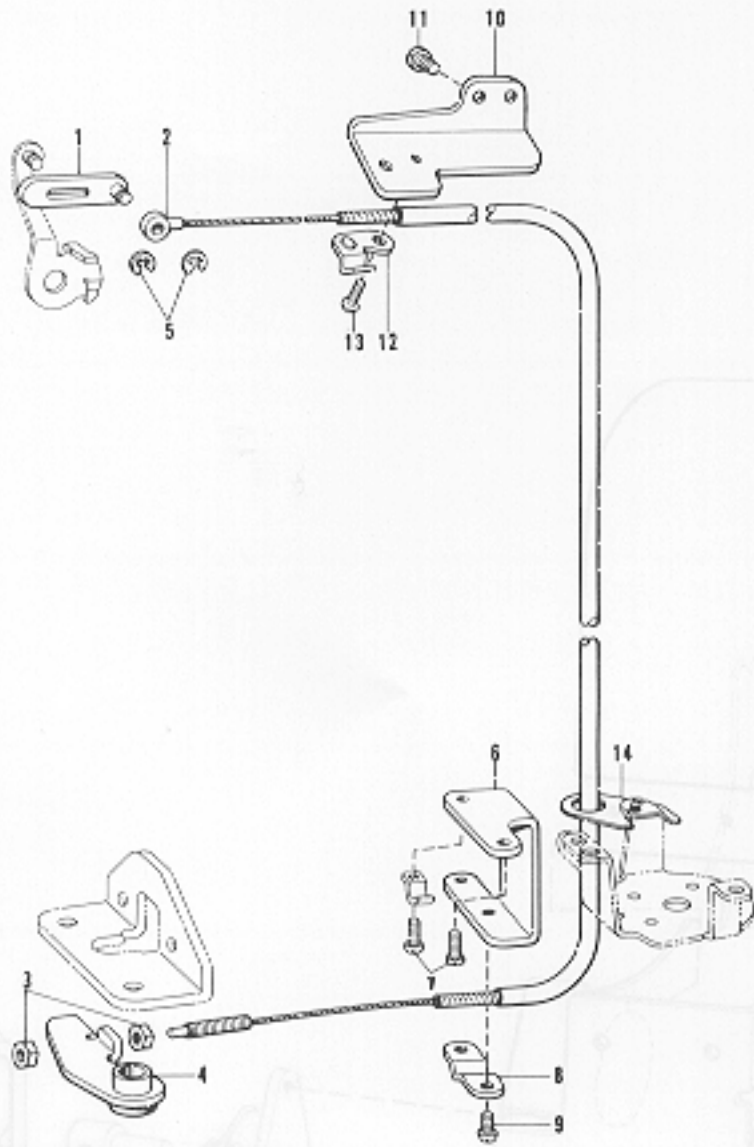
J. Thread trimmer mechanism / Fadenabschneidevorrichtung
 Mécanisme de coupe-fil / Mecanismo de recortadora de orillos



From the library of: Diamond Needle Corp

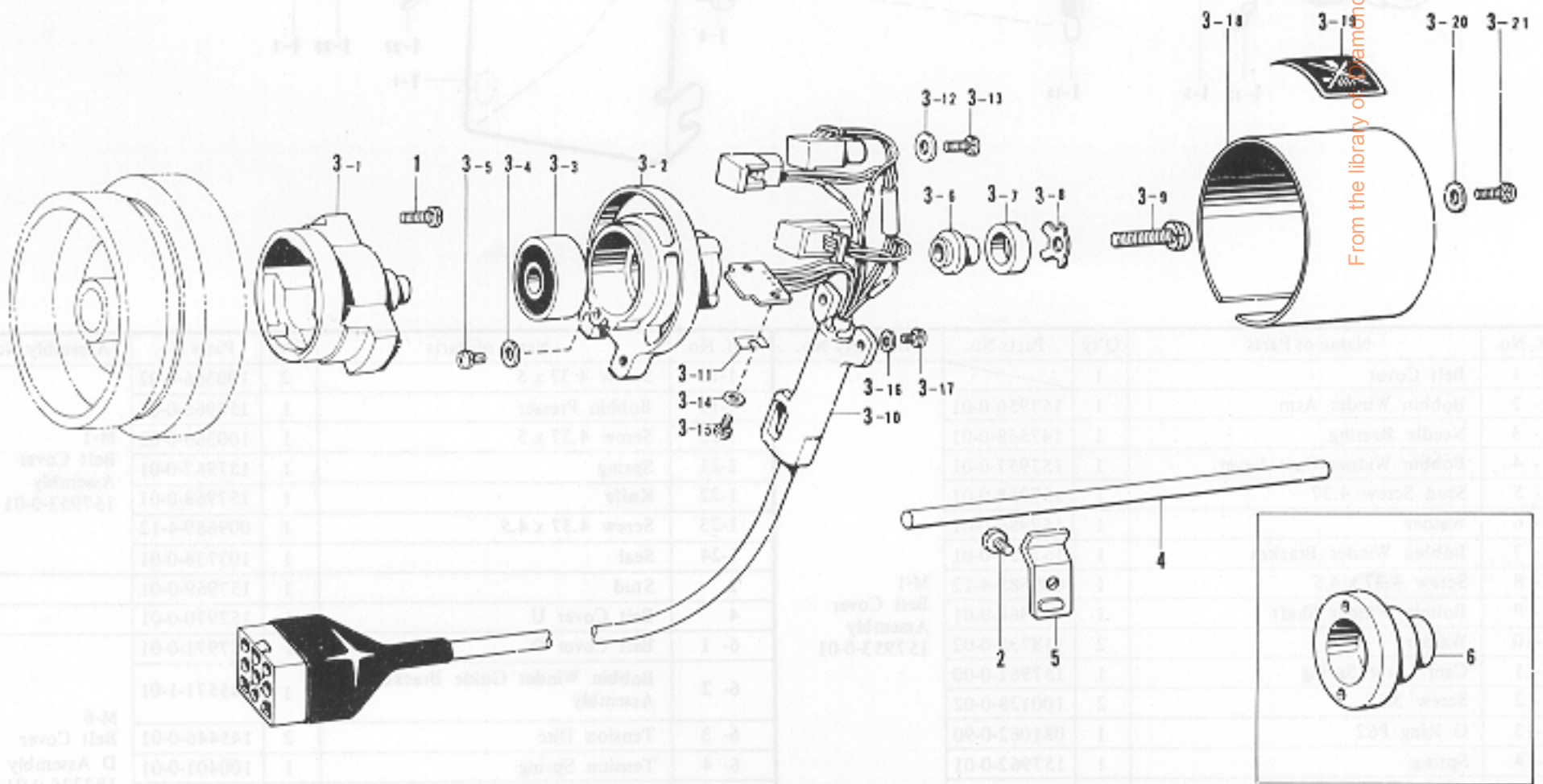
| Ref. No. | Name of Parts | Q'ty | Parts No. | Assembly No. | Ref. No. | Name of Parts | Q'ty | Parts No. | Assembly No. |
|----------|------------------------|------|-------------|--------------|----------|--------------------------|------|-------------|--------------|
| 1 | Thread Trimmer Clutch | 1 | 154566-0-01 | | 26 | Nut 4 37 | 1 | 105234-0-03 | |
| 2 | Washer 5.3 | 2 | 154567-0-00 | | 27 | Screw 6.35 | 1 | 100251-0-01 | |
| 3 | Screw 6.35 | 2 | 014771-0-22 | | 28 | Lever Stud | 1 | 154593-0-01 | |
| 4 | Fixed Knife | 1 | 159796-0-01 | | 29 | Collar | 1 | 154594-0-00 | |
| 5 | Screw 3.57 | 1 | 102843-0-04 | | 30 | Spring | 1 | 154595-0-01 | |
| 6 | Lower Thread Finger | 1 | 159797-0-01 | | 31 | Rubber Stopper | 1 | 154596-0-00 | |
| 7 | Screw 4.37 x 7 | 1 | 009680-7-12 | | 32 | Washer | 1 | 110367-0-01 | |
| 8 | Movable Knife Holder | 1 | 159798-0-01 | | 33 | Stop Ring E6 | 1 | 048060-3-42 | |
| 9 | Washer | 1 | 156620-0-00 | | 34 | Thread Trimming Solenoid | 1 | | |
| 10 | Stop Ring C18 | 1 | 048180-1-42 | | 35 | Solenoid Bracket | 1 | 154598-0-01 | |
| 12 | Movable Knife | 1 | 159799-0-01 | | 36 | Cushion | 1 | 154599-0-00 | |
| 13 | Screw 4.37 | 2 | 148537-0-01 | | 37 | Solenoid Lever | 1 | 154600-0-01 | |
| 14 | Thread Trimming Rod | 1 | 154576-0-01 | | 38 | Screw 4.37 x 6 | 1 | 014680-6-22 | |
| 15 | Stud Screw 4.37 | 2 | 151987-0-01 | | 39 | Screw 6.35 | 1 | 110201-0-01 | |
| 16 | Nut 4.37 | 1 | 102571-0-03 | | 40 | Stud Screw 6.35 | 1 | 155558-0-01 | |
| 17 | Thread Trimming Lever | 1 | 159800-0-01 | | 41 | Bushing | 1 | 146080-0-00 | |
| 18 | Lever Stopper | 1 | 154578-0-00 | | 42 | Supporter | 1 | 140647-0-01 | |
| 19 | Screw 4.76 x 14 | 1 | 009711-4-12 | | 45 | Nylon Connector 12P | 1 | | |
| 20 | Trimming Lever Spring | 1 | 154579-0-01 | | 46 | Connector Cap 5 | 1 | | |
| 21 | Shaft | 1 | 154580-0-01 | | 47 | Washer | 1 | 155559-0-01 | |
| 22 | Shaft Bushing | 1 | 154581-0-01 | | 48 | Screw 3.57 x 7 | 1 | 013670-7-12 | |
| 23 | Screw 4.37 | 1 | 151607-0-01 | | 49 | Cap | 1 | 155578-0-00 | |
| 24 | Lever Assembly | 1 | 154582-0-01 | | 50 | Washer | 1 | 100645-0-03 | |
| 25 | Slide Block C Assembly | 1 | 154590-0-01 | | | | | | |

K. Tension release mechanism / Spannungsverminderungs-vorrichtung
Mécanisme de relâche-tension / Mecanismo de liberador de tensión



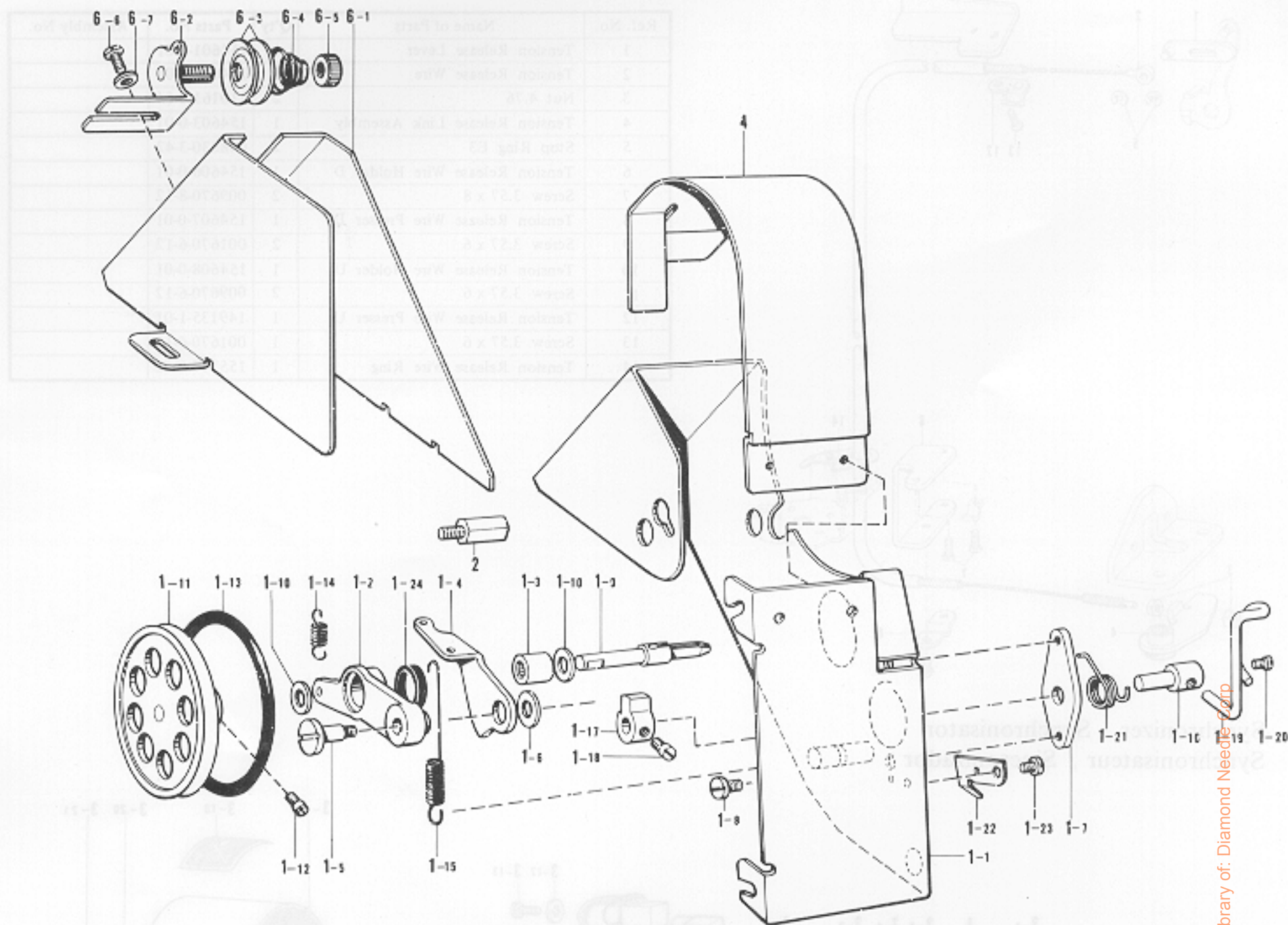
| Ref. No. | Name of Parts | Q'ty | Parts No. | Assembly No. |
|----------|--------------------------------|------|-------------|--------------|
| 1 | Tension Release Lever | 1 | 154601-0-01 | |
| 2 | Tension Release Wire | 1 | 154602-0-01 | |
| 3 | Nut 4.76 | 2 | 110161-0-04 | |
| 4 | Tension Release Link Assembly | 1 | 154603-0-01 | |
| 5 | Stop Ring E3 | 2 | 048030-3-42 | |
| 6 | Tension Release Wire Holder D | 1 | 154606-0-01 | |
| 7 | Screw 3.57 x 8 | 2 | 009670-8-12 | |
| 8 | Tension Release Wire Presser D | 1 | 154607-0-01 | |
| 9 | Screw 3.57 x 6 | 2 | 001670-6-12 | |
| 10 | Tension Release Wire Holder U | 1 | 154608-0-01 | |
| 11 | Screw 3.57 x 6 | 2 | 009670-6-12 | |
| 12 | Tension Release Wire Presser U | 1 | 149135-1-01 | |
| 13 | Screw 3.57 x 6 | 1 | 001670-6-12 | |
| 14 | Tension Release Wire Ring | 1 | 155347-0-01 | |

L. Synchronizer / Synchronisator
Synchronisateur / Sincronizador



| Ref. No. | Name of Parts | Q'ty | Parts No. | Assembly No. | Ref. No. | Name of Parts | Q'ty | Parts No. | Assembly No. |
|----------|--------------------------|------|-------------|------------------------------------|----------|----------------------------|------|-------------|--------------|
| 1 | Screw 4.76 x 14 | 2 | 009711-4-12 | | 3-12 | Washer 4 | 3 | 025040-3-35 | |
| 2 | Screw 6.35 | 1 | 110201-0-01 | | 3-13 | Screw 4 x 12D | 3 | 217093-0-01 | |
| 3-1 | Magnet Stud Assembly | 1 | | L-3 Synchronizer Assembly #8 | 3-14 | Washer 3 | 2 | 025030-1-35 | |
| 3-2 | Hole IC Holder #3 | 1 | | | 3-15 | Screw 3 x 6D | 2 | 215083-0-01 | |
| 3-3 | Bearing 6201VV | 1 | | | 3-16 | Washer 4 | 2 | 025040-1-35 | |
| 3-4 | Washer 3 | 1 | 025030-3-35 | | 3-17 | Screw 4 x 10D | 2 | 215080-0-01 | |
| 3-5 | Screw 3 x 6D | 1 | 215083-0-01 | | 3-18 | Synchronizer Cover #3 | 1 | | |
| 3-6 | Magnet Setting Bracket | 1 | 219557-0-00 | | 3-19 | Level #3 | 1 | | |
| 3-7 | Magnet 12 x 18.7 x 6 | 1 | 219558-0-00 | | 3-20 | Washer 4 | 2 | 025040-3-35 | |
| 3-8 | Magnet Holder Plate | 1 | 219559-0-01 | | 3-21 | Screw 4 x 10D | 2 | 215080-0-01 | |
| 3-9 | Screw 6 x 25D | 1 | 221421-0-01 | | 4 | Synchronizer Holder Bar #2 | 1 | 218944-0-01 | |
| 3-10 | Hole IC Code Assembly #4 | 1 | | | 5 | Holder | 1 | 216332-0-01 | |
| 3-11 | Adjusting Plate | 3 | 219696-0-00 | | 6 | Slip Ring Support | 1 | | |

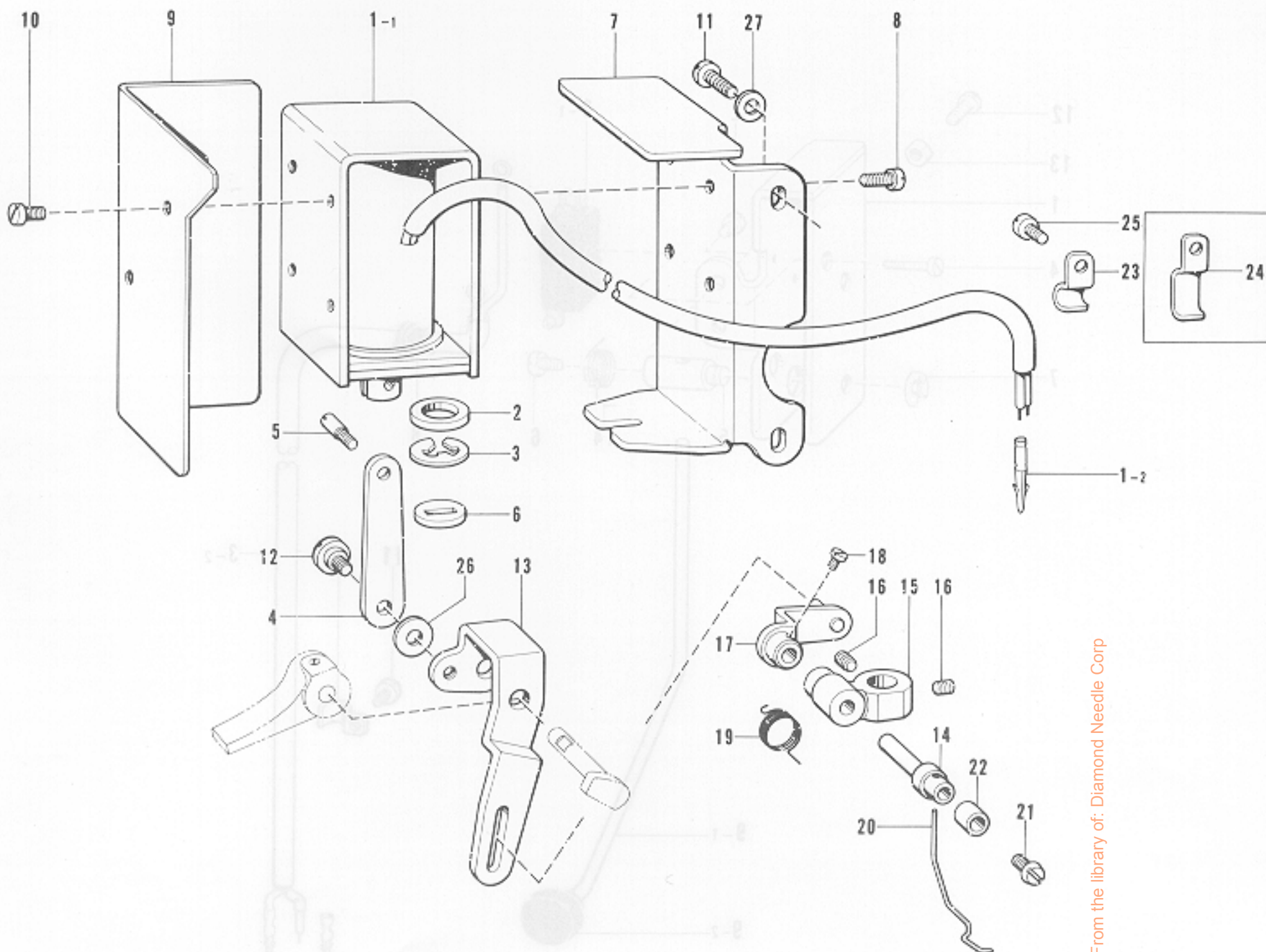
M. Bobbin winder mechanism / Spuler
 Mécanisme du bobineur / Mecanismo del devanador de la canilla



From the library of: Diamond Needle Corp

| Ref. No. | Name of Parts | Q'ty | Parts No. | Assembly No. | Ref. No. | Name of Parts | Q'ty | Parts No. | Assembly No. |
|----------|-------------------------|------|-------------|--|----------|---|------|-------------|--|
| 1- 1 | Belt Cover | 1 | | M-1 Belt Cover Assembly 157953-0-01 | 1-18 | Screw 4.37 x 5 | 2 | 100366-0-02 | M-1 Belt Cover Assembly 157953-0-01 |
| 1- 2 | Bobbin Winder Arm | 1 | 157956-0-01 | | 1-19 | Bobbin Presser | 1 | 157966-0-01 | |
| 1- 3 | Needle Bearing | 1 | 147568-0-01 | | 1-20 | Screw 4.37 x 5 | 1 | 100366-0-02 | |
| 1- 4 | Bobbin Winder Cam Lever | 1 | 157957-0-01 | | 1-21 | Spring | 1 | 157967-0-01 | |
| 1- 5 | Stud Screw 4.37 | 1 | 157958-0-01 | | 1-22 | Knife | 1 | 157968-0-01 | |
| 1- 6 | Washer | 1 | 157986-0-01 | | 1-23 | Screw 4.37 x 4.5 | 1 | 009689-4-12 | |
| 1- 7 | Bobbin Winder Bracket | 1 | 157959-0-01 | | 1-24 | Seal | 1 | 103738-0-01 | |
| 1- 8 | Screw 4.37 x 4.5 | 1 | 009689-4-12 | | 2 | Stud | 1 | 157969-0-01 | M-6 Belt Cover D Assembly 183226-0-01 |
| 1- 9 | Bobbin Winder Shaft | 1 | 157960-0-01 | | 4 | Belt Cover U | 1 | 157970-0-01 | |
| 1-10 | Washer | 2 | 118735-0-02 | | 6- 1 | Belt Cover D | 1 | 157971-0-01 | |
| 1-11 | Cam Lever Spring | 1 | 157961-0-00 | | 6- 2 | Bobbin Winder Guide Bracket Assembly | 1 | 145571-1-01 | |
| 1-12 | Screw 3.57 | 2 | 100128-0-02 | | 6- 3 | Tension Disc | 2 | 145446-0-01 | |
| 1-13 | O Ring P62 | 1 | 081062-0-90 | | 6- 4 | Tension Spring | 1 | 100491-0-01 | |
| 1-14 | Spring | 1 | 157962-0-01 | | 6- 5 | Tension Control Nut | 1 | 100136-0-01 | |
| 1-15 | Cam Lever Spring | 1 | 157963-0-01 | | 6- 6 | Screw 3.57 x 6 | 1 | 001670-6-12 | |
| 1-16 | Cam Shaft | 1 | 157964-0-01 | | 6- 7 | Washer 3.5 | 1 | 025350-3-32 | |
| 1-17 | Bobbin Winder Clow | 1 | 142566-0-01 | | | | | | |

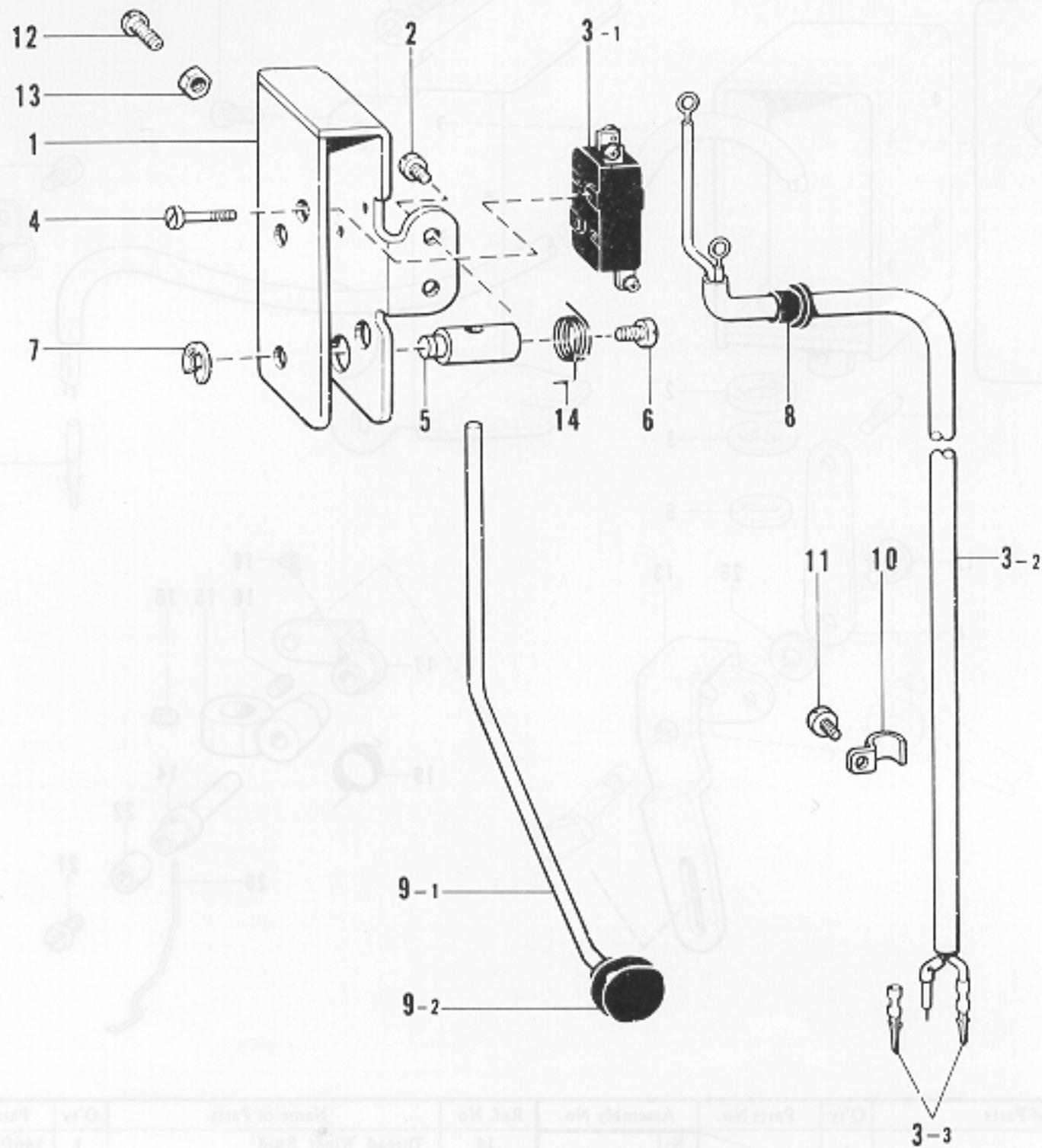
N. Thread wiper mechanism (-200, -400) / Fadenwischvorrichtung (-200, -400)
 (004-400) Mécanisme de tire-fil (-200, -400) / Mecanismo de limpiador de hilos (-200, -400)



From the library of: Diamond Needle Corp

| Ref. No. | Name of Parts | Q'ty | Parts No. | Assembly No. | Ref. No. | Name of Parts | Q'ty | Parts No. | Assembly No. |
|----------|---------------------|------|-------------|---|----------|--------------------------|------|-------------|--------------|
| 1- 1 | Solenoid | 1 | | N-1 Thread Wiper Solenoid Assembly | 14 | Thread Wiper Stud | 1 | 146092-0-01 | |
| 1- 2 | Terminal Pin (Male) | 2 | | | 15 | Thread Wiper Supporter | 1 | 156994-0-01 | |
| 2 | Plunger Stopper | 1 | 148512-0-00 | | 16 | Screw 4.37 x 4 | 2 | 014680-4-22 | |
| 3 | Stop Ring E9 | 1 | 048090-3-42 | | 17 | Thread Wiper Crank | 1 | 156995-0-01 | |
| 4 | Thread Wiper Link | 1 | 156990-0-01 | | 18 | Screw 3.57 | 1 | 111443-0-03 | |
| 5 | Plunger Pin | 1 | 148546-0-01 | | 19 | Spring | 1 | 156996-0-01 | |
| 6 | Stopper | 1 | 148518-0-00 | | 20 | Thread Wiper | 1 | 146094-0-01 | |
| 7 | Solenoid Bracket | 1 | 156991-0-01 | | 21 | Screw 3.57 x 5 | 1 | 001670-5-12 | |
| 8 | Screw 3 x 6 | 4 | 007300-6-12 | | 22 | Thread Wiper Stud Collar | 1 | 146288-0-01 | |
| 9 | Solenoid Cover | 1 | 156992-0-01 | | 23 | Holder | 3 | | |
| 10 | Screw 3 x 5 | 2 | 007300-5-12 | | 24 | Holder L | 3 | | |
| 11 | Screw 4.37 x 10 | 2 | 009681-0-12 | | 25 | Screw 3.57 x 6 | 3 | 009670-6-12 | |
| 12 | Stud Screw 4.37 | 1 | 113730-0-01 | | 26 | Washer | 1 | 100645-0-03 | |
| 13 | Thread Wiper Lever | 1 | 156993-0-01 | | 27 | Washer | 2 | 100645-0-03 | |

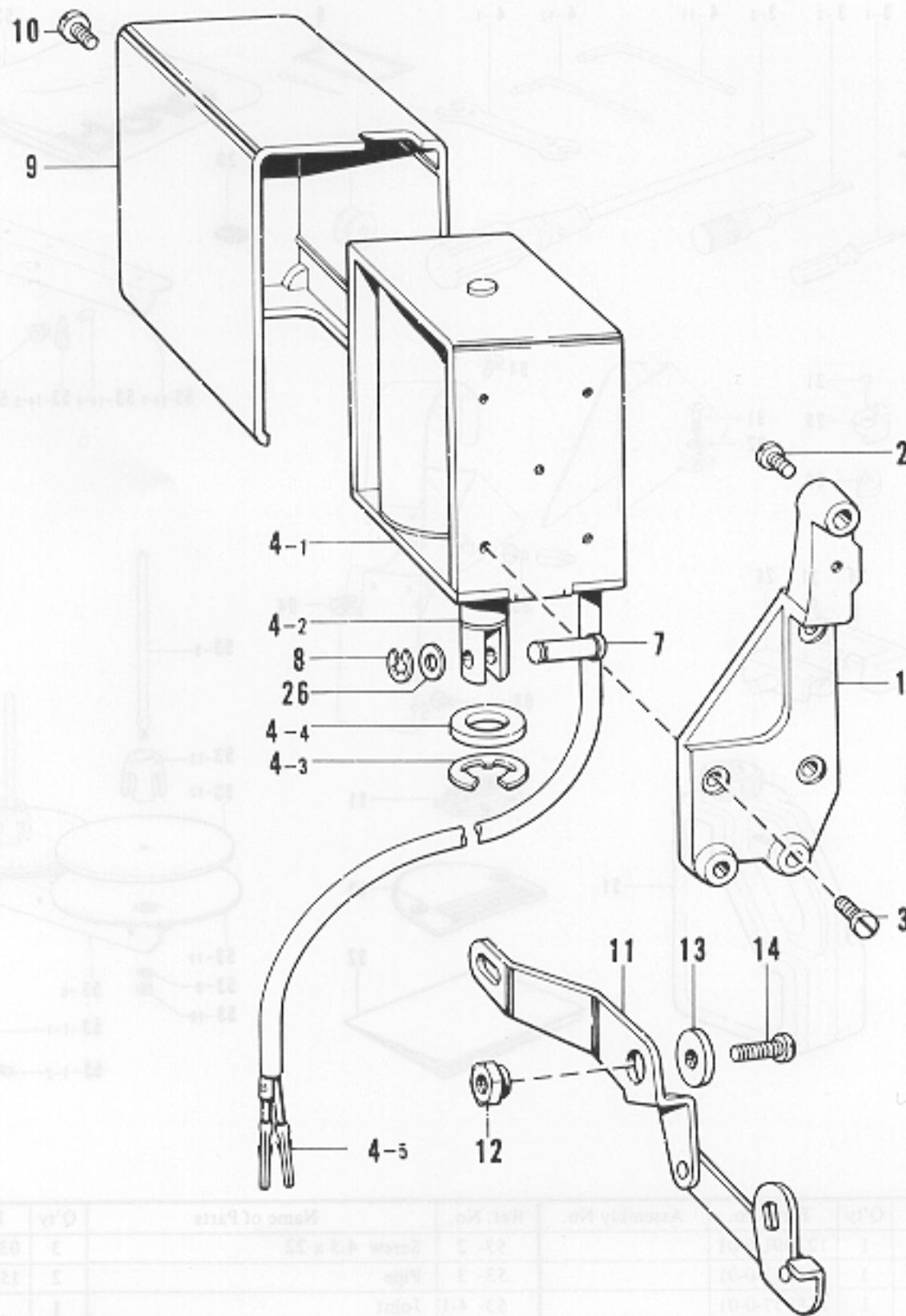
P. Quick reverse switch mechanism (-400) / Umkehrschalter (-400)
 Mécanisme de interrupteur de marche arrière rapide (-400) / Mecanismo de conmutador de inversión rápida (-400)



From the library of: Diamond Needle Corp

| Ref. No. | Name of Parts | Q'ty | Parts No. | Assembly No. | Ref. No. | Name of Parts | Q'ty | Parts No. | Assembly No. |
|----------|---------------------|------|-------------|--------------------------------------|----------|-----------------|------|-------------|--|
| 1 | Reverse Switch Case | 1 | 156997-0-01 | | 7 | Stop Ring E4 | 1 | 048040-3-42 | |
| 2 | Screw 3.57 x 6 | 2 | 009670-6-12 | | 8 | Bushing | 1 | 146080-0-00 | |
| 3- 1 | Micro Switch | 1 | 140643-0-00 | P-3 Reverse Switch Assembly | 9- 1 | Actuator Bar | 1 | 156479-0-00 | P-9 Actuator Assembly 156999-0-01 |
| 3- 2 | Reverse Switch Cord | 1 | | | 9- 2 | Actuator | 1 | | |
| 3- 3 | Terminal Pin (Male) | 2 | | | | | | | |
| 4 | Screw 2.38 | 2 | 146124-0-01 | | 12 | Screw 4.37 x 14 | 1 | 009681-4-12 | |
| 5 | Actuator Pin | 1 | 156998-0-01 | | 13 | Nut 4.37 | 1 | 102571-0-03 | |
| 6 | Screw 4.37 x 10 | 1 | 009681-0-12 | | 14 | Spring | 1 | 157999-0-01 | |

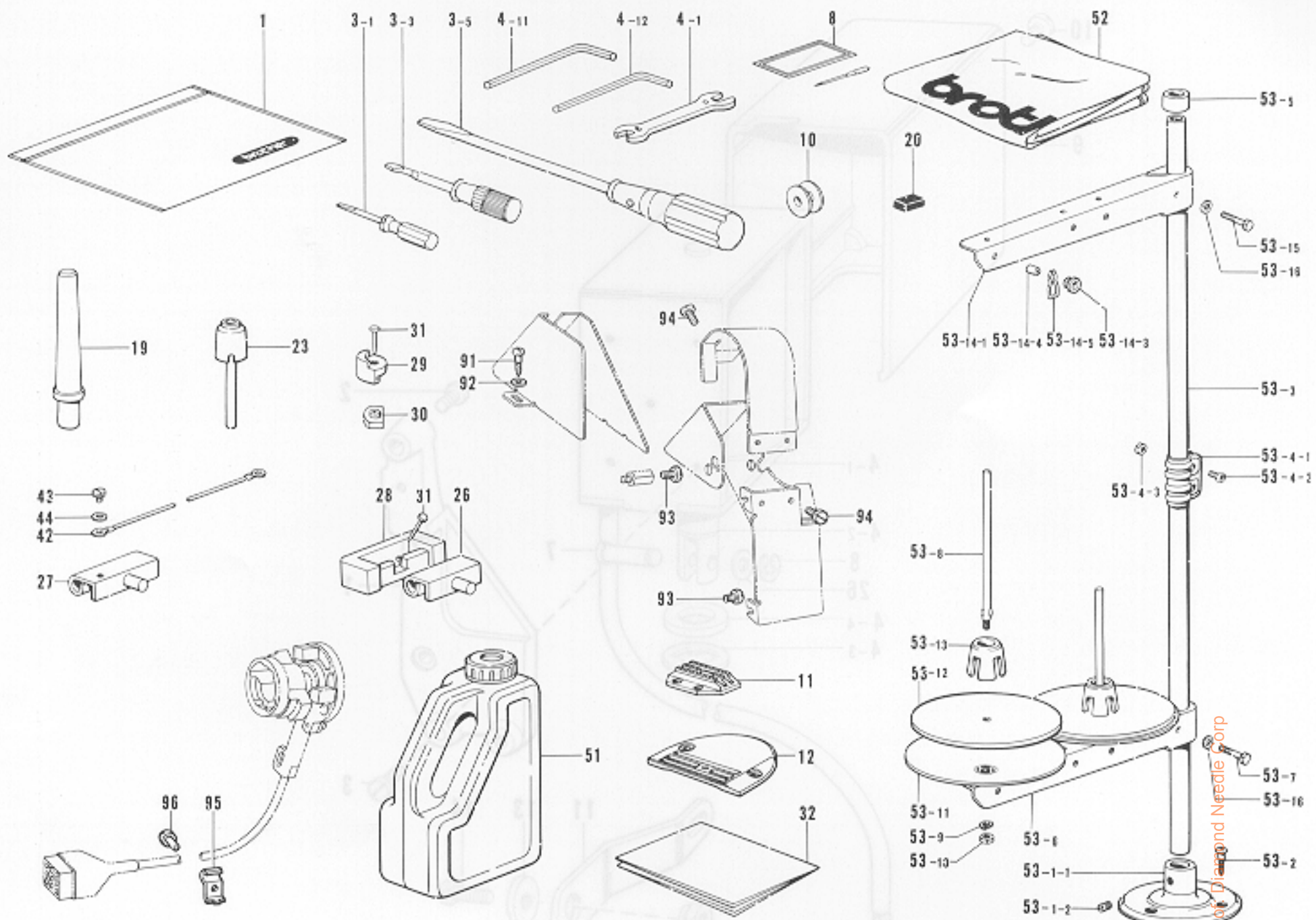
Q. Quick reverse mechanism (-400) / Umkehr (-400)
 Mécanisme de marche arrière rapide (-400) / Mecanismo de inversión rápida (-400)



From the library of: Diamond Needle Corp

| Ref. No. | Name of Parts | Q'ty | Parts No. | Assembly No. | Ref. No. | Name of Parts | Q'ty | Parts No. | Assembly No. |
|----------|--------------------------|------|-------------|--|----------|-------------------------|------|-------------|--------------|
| 1 | Reverse Solenoid Bracket | 1 | 149140-1-01 | | 8 | Stop Ring E4 | 1 | 048040-3-42 | |
| 2 | Screw 6.35 x 18 | 3 | 009781-8-12 | | 9 | Solenoid Cover | 1 | 146105-0-00 | |
| 3 | Screw 5 x 8 | 3 | 007500-8-12 | | 10 | Screw 5 x 6 | 1 | 007500-6-02 | |
| 4-1 | Solenoid | 1 | | Q-4 Reverse Solenoid Assembly | 11 | Solenoid Lever Assembly | 1 | | |
| 4-2 | Plunger | 1 | | | 12 | Solenoid Lever Stud | 1 | 149094-0-01 | |
| 4-3 | Stop Ring E12 | 1 | 146103-0-01 | | 13 | Washer | 1 | 149095-0-01 | |
| 4-4 | Stopper | 1 | 146104-0-00 | | 14 | Screw 6.35 x 18 | 1 | 009781-8-12 | |
| 4-5 | Terminal Pin (Male) | 2 | | | 26 | Washer | 1 | 153138-0-01 | |
| 7 | Pin | 1 | 153245-0-01 | | | | | | |

Z. Accessories / Zubehör
Accessoires / Accesorios



| Ref. No. | Name of Parts | Q'ty | Parts No. | Assembly No. | Ref. No. | Name of Parts | Q'ty | Parts No. | Assembly No. |
|----------|---------------------------|------|-------------|---|----------|---------------------|------|-------------|--|
| 1 | Vinyl Bag | 1 | 122991-0-01 | | 53- 2 | Screw 4.5 x 22 | 3 | 031452-2-03 | |
| 3- 1 | Screw Driver 1.9 x 52 | 1 | 142443-0-01 | | 53- 3 | Pipe | 2 | 150172-0-01 | |
| 3- 3 | Screw Driver 3.4 x 70 | 1 | 118837-0-01 | | 53- 4-1 | Joint | 1 | | Z-53-4 Joint for Cotton Stand Assembly 150106-0-01 |
| 3- 5 | Screw Driver 5.5 x 190 | 1 | 101572-1-01 | | 53- 4-2 | Screw 5 x 14 | 2 | 150202-0-01 | |
| 4- 1 | Spanner 8 x 9 | 1 | 100887-0-01 | | 53- 4-3 | Nut 5 | 2 | 021500-1-03 | |
| 4-11 | Spanner 2 | 1 | 146049-0-01 | | 53- 5 | Cap | 1 | | |
| 4-12 | Spanner 3 | 1 | 142721-0-01 | | 53- 6 | Spool Holder 2 | 1 | 150178-0-01 | |
| 8 | Needle | 4 | | | 53- 7 | Bolt 5 x 28 | 1 | 017502-8-03 | |
| 10 | Bobbin | 3 | 159794-0-01 | | 53- 8 | Spool Shaft B | 2 | 150179-0-01 | Z-53 Cotton Stand Assembly 2 150150-0-03 |
| 11 | Needle Plate H26 | 1 | | | 53- 9 | Spring Washer 2-5 | 2 | 028050-2-43 | |
| 12 | Feed Dog | 1 | | | 53-10 | Nut 5 | 2 | 021500-1-03 | |
| 19 | Head Rest | 1 | 100477-0-01 | | 53-11 | Spool Stand Base | 2 | 150180-0-00 | |
| 20 | Magnet | 2 | 112525-0-00 | | 53-12 | Spool Mat | 2 | 150182-0-00 | |
| 23 | Knee Lifter Complying Bar | 1 | 145573-0-00 | | 53-13 | Spool Cushion | 2 | 126863-0-00 | |
| 26 | Hinge Assembly | 1 | 143882-0-01 | | 53-14-1 | Spool Holder 2 | 1 | 150178-0-01 | Z-53-14 Thread Hanger Assembly 2 150192-0-03 |
| 27 | Hinge E | 1 | 145945-0-01 | | 53-14-3 | Thread Hanger | 2 | | |
| 28 | Rubber Hinge | 2 | 143910-0-01 | | 53-14-4 | Thread Bushing | 2 | 142990-0-01 | |
| 29 | Head Cushion | 4 | 146003-1-01 | | 53-14-5 | Thread Guide Spring | 2 | 150184-0-01 | |
| 30 | Oil Pan Cushion | 4 | 146004-0-01 | | 53-15 | Bolt 5 x 28 | 1 | 017502-8-03 | |
| 31 | Nail | 8 | 109714-0-00 | | 53-16 | Washer 5 | 2 | 025050-2-33 | |
| 32 | Table Sheet | 1 | 144615-0-01 | | 91 | Screw 5.5 x 20 | 2 | 100666-0-02 | |
| 42 | Earth Wire | 1 | 145946-0-01 | | 92 | Washer 5.56 | 2 | 025750-1-32 | |
| 43 | Screw 4.37 x 6 | 1 | 009680-6-13 | | 93 | Screw 5.95 x 8 | 3 | 009760-8-12 | |
| 44 | Washer 4.37 | 1 | 025680-1-33 | | 94 | Screw 3.57 | 3 | 100257-0-10 | |
| 51 | Oil Tank | 1 | 154702-0-01 | | 95 | Cord Stopper | 1 | 145597-0-01 | |
| 52 | Head Cover | 1 | 144222-0-01 | | 96 | Screw 4.37 x 8 | 1 | 009680-8-12 | |
| 53- 1-1 | Cotton Stand Base | 1 | 150189-0-01 | Z-53-1 Cotton Stand Base Assembly 150139-0-01 | | | | | |
| 53- 1-2 | Screw 6 x 7 | 2 | 150181-1-01 | | | | | | |


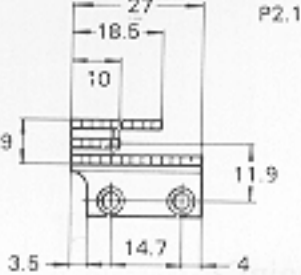
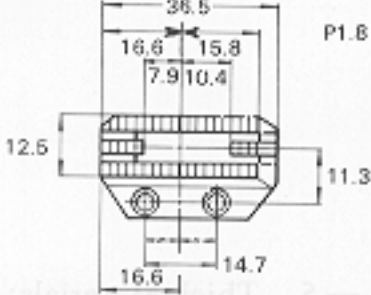
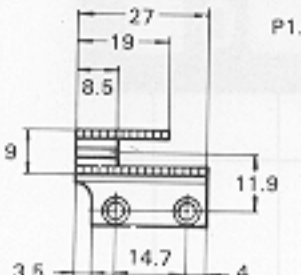
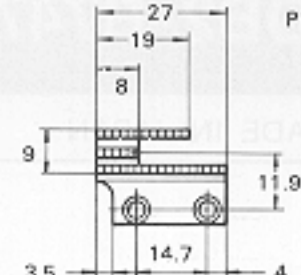

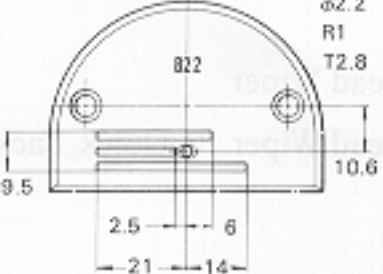
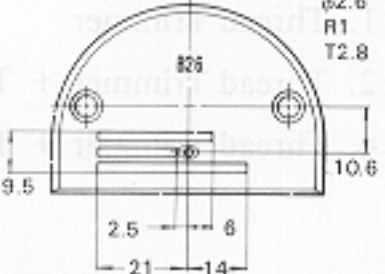
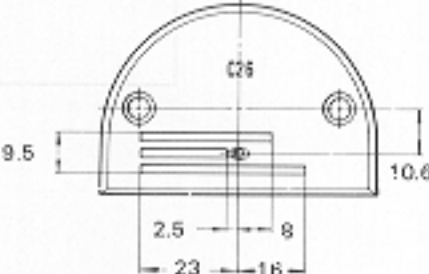

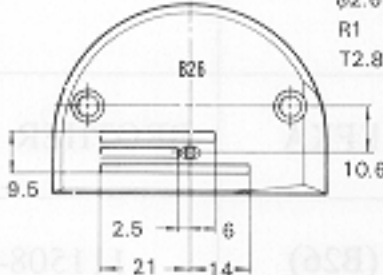
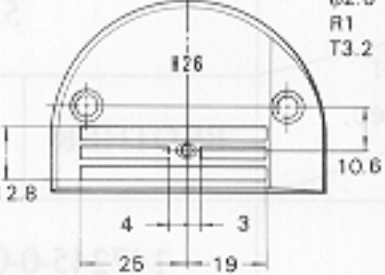
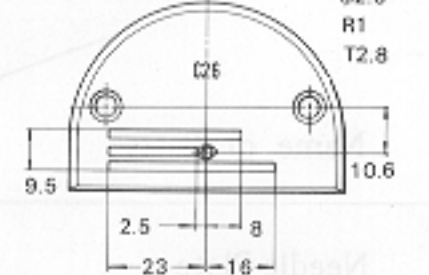

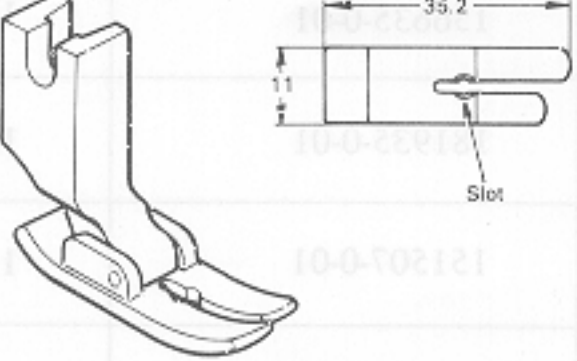
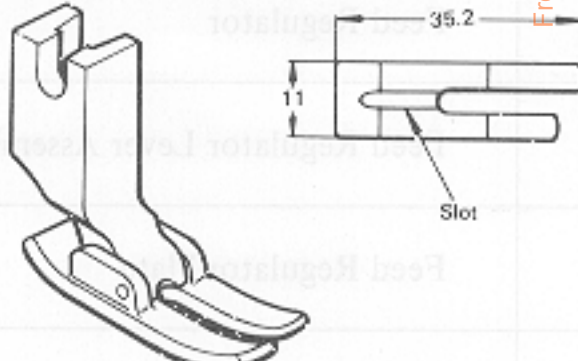
* The details of included accessories are subject to change.

* Les détails des accessoires inclus sont sujets à des changements.

* Änderungen in der Aufstellung der mitgelieferten Zubehöre sind vorbehalten.

* Los detalles de los accesorios incluidos pueden variar.

a. ~ c. Option parts list / Sonderzubehörliste
 Liste des pièces on option / List de piezas opción

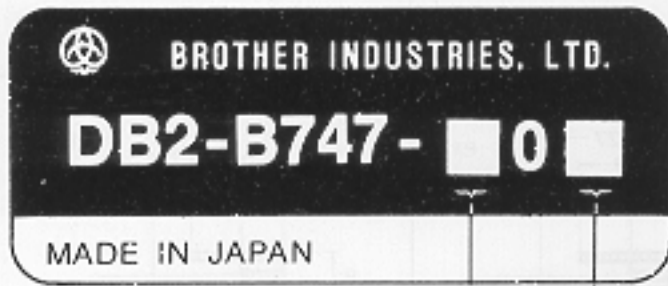
| Sub-class Name of Parts | -5 (Denim) | | | | -7 (Leather) | | | | |
|--|--|---|---|---|--------------|-------------|-----|-------------|-------------|
| | a-1 | 144500-0-01 | a-2 | 159430-0-01 | a-3 | 147335-0-01 | a-4 | 147493-0-01 | |
| Feed Dog  |  |  |  |  | | | | | |
| Needle Plate  | b-1 | 100267-0-01 | b-2 | 111241-0-01 | b-5 | | | | 111508-0-01 |
| |  |  |  | | | | | | |
| | Thick | | Thick | | Thick | | | | |
| | b-3 | 147245-0-01 | b-4 | 150792-0-01 | b-6 | | | | 147322-0-01 |
|  |  |  |  | | | | | | |
| | Thick | | Thick | | Thick | | | | |
| Presser Foot Assembly  | c-1 | 145157-0-01 | | | c-2 | 147328-0-01 | | | |
| |  |  | | | | | | | |

From the library of: Diamond Needle Corp

Combined parts list / Kombinationsteilliste
 Liste des pièces combinées / Lista de piezas combinada

| -5 (Denim) | | | -7 (Leather) | | |
|--------------|------------------|---------------------------|--------------|------------------|---------------------------|
| Feed Dog (a) | Needle Plate (b) | Presser Foot Assembly (c) | Feed Dog (a) | Needle Plate (b) | Presser Foot Assembly (c) |
| 144500-0-01 | 100267-0-01 | 145157-0-01 | 147335-0-01 | 111508-0-01 | 147328-0-01 |
| | 111241-0-01 | | | 147322-0-01 | |
| 159430-0-01 | 147245-0-01 | | 147493-0-01 | | |
| | 150792-0-01 | | | | |

DIFFERENT PARTS LIST / ZUBEHORLISTE
 LISTE DES PIECES ACCESSOIRES / LISTA DE PIEZAS ACCESORIAS



- 5. Thick Materials <Denim>
- 7. Thick Materials <Leather>
- 1. Thread Trimmer
- 2. Thread Trimmer + Thread Wiper
- 4. Thread Trimmer + Thread Wiper + Quick Back Switch

| Ref. No. | Name of Parts | Sub-class | -10□, -20□, -40□ | | | |
|----------|-------------------------------|-----------|-------------------|------|-------------------|------|
| | | | 5 | | 7 | |
| | | | BROTHER | EFKA | BROTHER | EFKA |
| C-26 | Needle Plate | | 147245-0-01 (B26) | | 111508-0-01 (C26) | |
| E- 1 | Feed Cam Sleeve Assembly | | 155688-0-01 | | 183058-0-01 | |
| E- 3 | Feed Regulator | | 156635-0-01 | | 159784-0-01 | |
| E- 7 | Feed Regulator Lever Assembly | | 181935-0-01 | | 183238-0-01 | |
| E-19 | Feed Regulator Plate | | 151507-0-01 | | 151506-0-01 | |
| E-70 | Feed Rock Shaft Assembly | | 183197-0-01 | | 183230-0-01 | |
| E-70-9 | Feed Dog | | 144500-0-01 | | 147493-0-01 | |
| F- 7 | Presser Foot Assembly | | 145157-0-01 | | 147328-0-01 | |
| Z-11 | Needle Plate | | 150792-0-01 (H26) | | | |
| Z-12 | Feed Dog | | 159430-0-01 | | | |

DIFFERENT PARTS LIST / ZUBEHORLISTE / LISTE DES PIECES ACCESSOIRES / LISTA DE PIEZAS ACCESORIAS

| Ref. No. | Name of Parts | Sub-class Motor Spec. | -10 □ | | -20 □ | | -40 □ | | |
|----------|--------------------------------|--------------------------|--------------------------|---|-------------|-------------|-----------------------------|-----------------------------|-----------------------------|
| | | | 5 | 7 | 5 | 7 | 5 | 7 | |
| | | | EFKA | | | | BROTHER | EFKA | BORTHER |
| C-22 | Needle | | 107415-0-22 (DB x 5) #22 | | | | (DB x 1) #22 100265-0-42 | (DP x 5) #22 107415-0-22 | (DB x 1) #22 100265-0-42 |
| E- 8 | Spring | | 150757-0-01 | | | 147598-0-01 | | | |
| E- 9 | Reverse Lever | | 147503-0-01 | | | | | | |
| E-10 | Screw 4.76 x 14 | | 009711-4-12 | | | | | | |
| E-11 | Reverse Lever Shaft | | 147505-0-01 | | | | | | |
| E-12 | Screw 4.76 | | 100511-0-03 | | | | | | |
| E-13-1 | Washer | | 147504-0-01 | | | 157504-0-01 | | | |
| E-13-2 | Reverse Lever Stopper | | 149083-0-01 | | | | | | |
| E-53 | Reverse Lever Shaft | | 149085-0-01 | | | | | | |
| E-54 | Reverse Lever | | 149086-0-01 | | | | | | |
| E-55 | Collar | | 149087-0-01 | | | | | | |
| E-56 | Reverse Lever Presser Spring | | 149088-0-01 | | | | | | |
| E-57 | Washer | | 116662-0-03 | | | | | | |
| E-58 | Screw 4.76 x 8 | | 009710-8-12 | | | | | | |
| E-60 | Vinyle Tube | | 153132-0-00 | | | | | | |
| F-27 | Presser Bar Lifter Crank | | 145483-0-01 | | 156945-1-01 | | | | |
| F-28 | Finger Guard | | 150384-0-01 | | | | | | |
| F-29 | Washer 3.5 | | 025350-1-32 | | | | | | |
| J-34 | Thread Trimming Solenoid | | 156626-0-01 | | | 154597-0-01 | 156626-0-01 | 154597-0-01 | |
| J-45 | Nylon Connector 12P | | 153969-0-00 | | | | | | |
| J-46 | Connector 5 | | 153971-0-01 | | | | | | |
| L- 3 | Synchronizer Assembly #8 | | 222379-0-01 | | | | | | |
| L- 6 | Slip Ring Support | | 148825-0-01 | | | 148825-0-01 | | | |
| N- 1 | Thread Wiper Solenoid Assembly | | 158381-0-01 | | | 156988-0-01 | 158381-0-01 | 156988-0-01 | |
| N- 1-2 | Terminal Pin (Male) | | 143549-0-00 | | | | | | |
| N-23 | Holder | | 140647-0-01 | | | | | | |
| N-24 | Holder L | | 142268-0-01 | | | | | | |
| P- 3 | Switch Assembly | | 151185-0-01 | | 154206-0-00 | 151185-0-01 | 154206-0-00 | | |
| P- 3-3 | Terminal Pin (Male) | | 143549-0-00 | | | | | | |
| Q- 4 | Reverse Solenoid Assembly | | 151181-0-01 | | 154201-0-01 | 151181-0-01 | 154201-0-01 | | |
| Q- 4-5 | Terminal Pin (Male) | | 143459-0-00 | | | | | | |
| Q-11 | Solenoid Lever Assembly | | 149089-0-01 | | | 159787-0-01 | | | |
| Z- 8 | Needle | | 107415-0-22 (DP x 5) #22 | | | | (DB x 1) #22 100265-0-42 | (DP x 5) #22 107415-0-22 | (DB x 1) #22 100265-0-42 |

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