

PFAFF® **146**
546

Bestandteileliste

List of spare parts

Liste de pièces détachées

Lista de piezas de repuesto

Die Inhaltsübersicht auf Seite 3 gibt einen Überblick über die Aufgliederung der Liste.
 Die Teile sind so abgebildet, wie sie in der Maschine funktionsmäßig zusammengehören.
 Die gestrichelten Abbildungen zeigen, wo die daneben abgebildeten Teile hingehören.
 Die Einrahmungen auf den Bildseiten zeigen, aus welchen Einzelteilen sich die Gruppenteile zusammensetzen.
 Nähwerkzeuge und Apparate sind der Unterklassen-Ausstattung zu entnehmen (siehe Anhang).
 Die auf den Bildseiten verwendeten Schlüsselzeichen (□; □; □ usw.) sind in Register „O“ zusammengefaßt und erläutert.
 Das Erstellungsdatum ist auf den einzelnen Seiten oben rechts angegeben. Bei Austausch bitte Datum beachten.
 Ergänzungen und Änderungen werden durch den Änderungsdienst bekanntgegeben.
 Konstruktionsänderungen vorbehalten.

For the various sections of this catalogue, please refer to the "Contents" on page 3.
 The parts are illustrated as they belong together in the machine.
 The dashed illustrations show where the adjacent parts belong.
 The framed-in sections on the illustration pages show the individual parts comprising a group.
 For sewing parts and attachments please refer to the subclass listing (see appendix).
 The reference keys (□, □, □ etc.) used on the illustration pages are compiled and explained in section "O".
 The date of preparation of the individual pages is indicated in the upper right-hand corner. Please note the new date on revised sheets.
 All alterations and modifications will be announced by special circulars.
 Subject to alterations in design.

La table des matières, page 3, donne un aperçu sur la subdivision de la liste.
 Les pièces figurent sur l'illustration comme elles vont ensemble.
 Les figures en tirets montrent le lieu de montage des pièces figurant à côté.
 Les parties encadrées sur les pages à illustration représentent les pièces individuelles formant groupe.
 Pour les organes de couture et les appareils, veuillez vous référer à la fiche équipement de sous-classes (voir en annexe).
 Les symboles (□, □, □ etc.) utilisés sur les pages illustrées sont regroupés et expliqués au registre „O".
 La date de parution des différentes planches est indiquée dans l'angle supérieur droit. Veiller à toujours n'utiliser que les planches les plus récentes.
 Les changements seront portés à votre connaissance par l'intermédiaire de notre service de mise à jour.
 Sous réserve de modifications.

En la página 3, bajo el título "contenido", puede verse un resumen de la división de la "lista de piezas".
 Las piezas están ilustradas como funcionan en la máquina.
 Las figuras a base de líneas entrecortadas muestran dónde y cómo van montadas las piezas ilustradas al lado.
 Los recuadros en las páginas ilustradas indican las piezas individuales de que se componen los grupos.
 Para los órganos de costura y aparatos, véase la „Dotación de subclases" (en el anexo).
 Los símbolos clave (□, □, □, etc.) utilizados en las páginas ilustradas se hallan recopilados y explicados en el registro „O".
 La fecha en que cada una de las páginas ha sido editada se halla indicada en la esquina derecha superior. Al reemplazar unas hojas por otras se ruega tener en cuenta la fecha.
 Todo suplemento y modificación se dará a conocer a través de nuestro servicio informativo.
 Salvo modificaciones técnicas.

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Hauptgruppenteil, bestehend aus: Gruppenteilen oder
Gruppenteilen und Einzelteilen oder
Gruppenteilen, Einzelteilen und Einzelteilen mit Ergänzung.
(Siehe Einrahmungen auf den Bildseiten.)

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Gruppenteil, bestehend aus: Einzelteilen oder
Einzelteilen und Einzelteilen mit Ergänzung.
(Siehe Einrahmungen auf den Bildseiten.)

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Einzelteil mit Ergänzung (siehe Einrahmungen auf den Bildseiten)
z.B. Stelling mit Schrauben, Nadelstange mit Befestigungsschraube zur Nadel, usw.

00-000 000-00

Einzelteil

B

Maschinen-Ausstattung für mittlere Materialien.

C

Maschinen-Ausstattung für mittelschwere Materialien.

D

Maschinen-Ausstattung für schwere Materialien.

S

Für Stoff

L

Für Leder

4,5

Stichlänge 4,5 mm

N

Stichlänge 6,0 mm

N8

Stichlänge 8,0 mm

N10

Stichlänge 10,0 mm

Unterklassenabhängig, Teilenummer siehe Unterklassen-Ausstattung.

0

Unterklassenzugehörigkeit siehe Unterklassen-Ausstattung.

0/1

Nähbildgebundene Unterklassen und Teile, siehe Unterklassen-Ausstattung.

3/1

Gesichert mit Loctite

4

Ausführungsart (B, C oder D) bei Bestellung angeben.

5

Nähmuster einsenden

6

Nadeldicke und Spitzenform bei Bestellung angeben.

10

Nadelabstand

10/2

Nadelabstand bei Bestellung angeben.

22

Zubehör

27/2

Eingeklammerte Zahl = Stärke in mm.

28

Sonderausführung

28/2

Sonderausführung, für empfindliches Nähgut.

28/3

Sonderausführung, zum Nähen von Gardinen.

30

Frühere Ausführung, im Ersatzfall wieder bestellen.

30/0

Frühere Ausführung nicht mehr im Programm.

30/1

Frühere Ausführung, ersetzt durch Nr. 11-210 168-15; 91-007 687-05; 91-108 578-45;
91-169 132-15

30/2

Frühere Ausführung, ersetzt durch Nr. 11-210 168-15; 91-169 132-15.

30/3

Frühere Ausführung, ersetzt durch Nr. 91-000 335-15; 91-011 754-05.

30/4

Frühere Ausführung, ersetzt durch Nr. 91-008 469-01.

30/5

Frühere Ausführung, ersetzt durch Nr. 91-100 341-15; 91-100 342-15.
Kegelradgehäuse Nr. 91-010 127-90, wenn vorhanden, entfernen.

30/6

Frühere Ausführung, wird durch Fetten der Kegelräder mit Shell-Retina G, Bestellnummer siehe
Seite 117, nicht mehr gebraucht.

30/7

Frühere Ausführung, ersetzt durch Nr. 91-019 619-90; 91-100 341-15; 91-100 342-15.

- 30/8 Frühere Ausführung, ersetzt durch Nr. 91-019 619-90.
- 30/9 Frühere Ausführung, ersetzt durch Nr. 91-013 185-90 ; 91-018 137-05; 91-018 138-05 (siehe Seite 34).
- 30/10 Frühere Ausführung, ersetzt durch Nr. 91-013 185-90 (siehe Seite 34).
- 30/11 Frühere Ausführung, ersetzt durch Nr. 91-140 404-91.
- 30/12 Frühere Ausführung, ersetzt durch Nr. 91-009 580-93 (siehe Seite 48).
- 30/15 Frühere Ausführung, ersetzt durch Nr. 91-018 173-90 (siehe Seite 104).
- 30/16 Frühere Ausführung, ersetzt durch Nr. 11-130 407-15; 91-001 734-15; 91-009 599-05.
- 30/17 Frühere Ausführung, ersetzt durch Nr. 91-000 278-15.
- 30/20 Frühere Ausführung, ersetzt durch Nr. 91-013 096-12.
- 30/21 Frühere Ausführung, ersetzt durch Nr. 91-018 162-12.
- 32 Beim Einbau dieses Teils wird für die Paßgenauigkeit zum Anschlußteil keine Garantie übernommen; zweckmäßig vollständiges Aggregat bestellen.
- 32/1 Zweckmäßig Nr. 91-107 932-91 bestellen.
- 32/2 Zweckmäßig Nr. 91-018 237-91 bestellen.
- 32/3 Zweckmäßig Nr. 91-107 941-91 bestellen.
- 32/4 Zweckmäßig Nr. 91-018 238-91 bestellen.
- 35 Bei Montage bohren und verstiften.
- 40/1 Füllen mit Shell-Tellus C 22, Bestellnummer siehe Seite 117.
- 40/4 Fetten mit Shell-Retina G, Bestellnummer siehe Seite 117.
- 40/6 Füllen mit Sewtrol EL, Bestellnummer siehe Seite 117.
- 40/7 Tränken mit Sewtrol EL, Bestellnummer siehe Seite 117.
- 40/8 Tränken mit technischem Weißöl, Bestellnummer siehe Seite 117.
- 60 Wahlweise
- 80/1 Für Schlauch mit 4 mm Innendurchmesser.
- 80/2 Für Schlauch mit 6 mm Innendurchmesser.
- 90/1 Für Wechselstrom
- 90/2 Für Drehstrom
- 90/5 Zum Anschluß von Positionsgeber Quick B/T an Steuerkasten mit 4-poliger Buchse.
- 90/6 Zum Anschluß von Positionsgeber Quick B/K an Steuerkasten mit 7-poliger Buchse.
- 90/7 Langsamnäheinrichtung abschaltbar.
- 90/9 Für Motoren mit 8-stelliger Typennummer.
- 90/11 Für Elektronik-Stop-Motoren
- 90/12 Für Kupplungsmotoren
- 90/13 Für Hebel-Stop-Motoren
- 90/14 Zum Motorschutzschalter
- 90/15 Für Handrad-Durchmesser 75 mm.
- 90/16 Für Handrad-Durchmesser 120 mm und 150 mm.
- 95/1 x-Wert = Stichlänge, bei Bestellung angeben.
- 96 Länge angeben
- 96/1 Schlauch mit 4 mm Innendurchmesser, bei Bestellung Länge angeben.
- 96/2 Schlauch mit 6 mm Innendurchmesser, bei Bestellung Länge angeben.

00-000 000-00

Assembly, consisting of: sub-assemblies or
sub-assemblies and component parts or
sub-assemblies, component parts and component plus complementary
parts.
(See the framed-in sections on the illustration pages).

00-000 000-00

Sub-assembly, consisting of: component parts or
component parts or and component plus complementary parts.
(See the framed-in sections on the illustration pages).

00-000 000-00

Component part with complementary parts (see the framed-in sections on the illustration
pages), e.g. collar with screws, needle bar with needle set screw, etc.

00-000 000-00

Component part

- ☐ B Machine model for sewing medium-weight materials.
- ☐ C Machine model for sewing medium-heavy materials.
- ☐ D Machine model for sewing heavy-weight materials.
- ☐ S For fabric
- ☐ L For leather
- ☐ 4,5 Stitch length 4.5 mm
- ☐ N Stitch length 6.0 mm
- ☐ N8 Stitch length 8.0 mm
- ☐ N10 Stitch length 10.0 mm
- ☐ Subclass-dependent, for part number see subclass listing.
- ☐ 0 To determine subclass see subclass listing.
- ☐ 0/1 For seam-type-dependent subclasses and parts see Subclass parts list.
- ☐ 3/1 Secured with Loctite
- ☐ 4 Model (B, C or D) to be stated on order.
- ☐ 5 Submit sewing sample.
- ☐ 6 Needle size and style of point to be stated on order.
- ☐ 10 Needle gauge
- ☐ 10/2 Needle gauge to be stated on order.
- ☐ 22 Included in accessories.
- ☐ 27/2 Number in parentheses = thickness in mm.
- ☐ 28 Special version
- ☐ 28/2 Special version, for delicate materials.
- ☐ 28/3 Special version, for sewing curtains.
- ☐ 30 Earlier version, to be re-ordered for replacement purposes.
- ☐ 30/0 Earlier version, no longer produced.
- ☐ 30/1 Earlier version, replaced by Nos. 11-210 168-15; 91-007 687-05; 91-108 578-45; 91-169 132-15.
- ☐ 30/2 Earlier version, replaced by Nos. 11-210 168-15; 91-169 132-15.
- ☐ 30/3 Earlier version, replaced by Nos. 91-000 335-15; 91-011 754-05.
- ☐ 30/4 Earlier version, replaced by No. 91-008 469-01.
- ☐ 30/5 Earlier version, replaced by Nos. 91-100 341-15; 91-100 342-15.
Remove bevel gear casing No. 91-010 127-90, if applicable.
- ☐ 30/6 Earlier version, no longer required because bevel gears are greased with Shell-Retinax G
(for ordering number see page 117).
- ☐ 30/7 Earlier version, replaced by Nos. 91-019 619-90; 91-100 341-15; 91-100 342-15.

- 30/8** Earlier version, replaced by No. 91-019 619-90.
- 30/9** Earlier version, replaced by Nos. 91-013 185-90 ; 91-018 137-05; 91-018 138-05 (see page 34).
- 30/10** Earlier version, replaced by No. 91-013 185-90 (see page 34).
- 30/11** Earlier version, replaced by No. 91-140 404-91.
- 30/12** Earlier version, replaced by No. 91-009 580-93 (see page 48).
- 30/15** Earlier version, replaced by No. 91-018 173-90 (see page 104).
- 30/16** Earlier version, replaced by Nos. 11-130 407-15; 91-001 734-15; 91-009 599-05.
- 30/17** Earlier version, replaced by No. 91-000 278-15.
- 30/20** Earlier version, replaced by No. 91-013 096-12.
- 30/21** Earlier version, replaced by No. 91-018 162-12.
- 32** No guarantee is assumed that this part will fit the mating part with the accuracy specified. For this reason, a complete assembly should be ordered.
- 32/1** Preferably order No. 91-107 932-91.
- 32/2** Preferably order No. 91-018 237-91.
- 32/3** Preferably order No. 91-107 941-91.
- 32/4** Preferably order No. 91-018 238-91.
- 35** To be drilled and pinned after assembly.
- 40/1** Top up with Shell-Tellus C 22, Ordering No. see page 117.
- 40/4** Grease with Shell-Retina G, Ordering No. see page 117.
- 40/6** Top up with Sewtrol EL, Ordering No. see page 117.
- 40/7** Soak with Sewtrol EL, Ordering No. see page 117.
- 40/8** Soak with white oil, Ordering No. see page 117.
- 60** Optional
- 80/1** For tube with 4 mm inside diameter.
- 80/2** For tube with 6 mm inside diameter.
- 90/1** For single-phase A.C.
- 90/2** For three-phase A.C.
- 90/5** For connecting Quick synchronizer B/T to control box, with 4-pin plug.
- 90/6** For connecting Quick synchronizer B/K to control box, with 7-pin plug.
- 90/7** Inching device disengageable.
- 90/9** For Motors with 8-digit model number.
- 90/11** For electronic Stop Motors
- 90/12** For clutch motors
- 90/13** For lever operated Stop motors
- 90/14** For motor protection switch
- 90/15** For balance wheel diameter 75 mm.
- 90/16** For balance wheel diameter 120 mm and 150 mm
- 95/1** x-suffix = Stitch length, to be stated on order.
- 96** State length
- 96/1** Tube with 4 mm inside dia.; state length on order.
- 96/2** Tube with 6 mm inside dia.; state length on order.

00-000 000-00

Groupe principal de pièces, comprenant: des groupes de pièces ou des groupes de pièces et des pièces détachées ou des groupes de pièces, des pièces détachées et des pièces détachées avec des pièces complémentaires (Voir parties encadrées sur illustrations).

00-000 000-00

Groupe de pièces, comprenant: des pièces détachées ou des pièces détachées et des pièces détachées avec pièces complémentaires (Voir parties encadrées sur illustrations).

00-000 000-00

Pièce détachée avec pièces complémentaires (Voir parties encadrées sur illustrations). Par exemple, bague avec vis, barre à aiguille avec vis de fixation d'aiguille, etc.

00-000 000-00

Pièce détachée

B

Modèle B pour la couture de matières moyennes.

C

Modèle C pour la couture de matières mi-lourdes.

D

Modèle D pour la couture de matières lourdes.

S

Pour tissu

L

Pour cuir

4,5

Longueur du point 4,5 mm

N

Longueur du point 6,0 mm

N8

Longueur du point 8,0 mm

N10

Longueur du point 10,0 mm

Fonction de la sous-classe, pour le numéro de la pièce, voir équipement de sous-classes.

0

Appartenance de sous-classe, voir équipement de sous-classes.

0/1

Sous-classes et pièces fonction du schéma de couture, voir "Équipement des sous-classes".

3/1

Bloqué par Loctite

4

Préciser la version (B, C ou D) à la commande.

5

Joindre échantillons de couture.

6

Préciser la grosseur de l'aiguille et la forme de la pointe à la commande.

10

Ecartement des aiguilles.

10/2

Ecartement des aiguilles; à préciser à la commande.

22

Joint aux accessoires.

27/2

Chiffre entre parenthèses = épaisseur en mm.

28

Version spéciale

28/2

Version spéciale, pour une matière problématique.

28/3

Version spéciale, pour coudre les rideaux.

30

Ancienne version, à commander à nouveau pour échange.

30/0

Ancienne version, retirée du programme.

30/1

Ancienne version, remplacée par nos 11-210 168-15; 91-007 687-05; 91-108 578-45; 91-169 132-15

30/2

Ancienne version, remplacée par nos 11-210 168-15; 91-169 132-15.

30/3

Ancienne version, remplacée par nos 91-000 335-15; 91-011 754-05.

30/4

Ancienne version, remplacée par n° 91-008 469-01.

30/5

Ancienne version, remplacée par nos 91-100 341-15; 91-100 342-15. Enlever le carter n° 91-010 127-90, de l'engrenage conique, s'il existe.

30/6

Ancienne version, n'est plus nécessaire, les pignons coniques étant graissés par de la Shell-Retina G (n° de commande, voir page 117).

- 30/7 Ancienne version, remplacée par nos 91-019 619-90; 91-100 341-15; 91-100 342-15.
- 30/8 Ancienne version, remplacée par n° 91-019 619-90.
- 30/9 Ancienne version, remplacée par nos 91-013 185-90 ; 91-018 137-05; 91-018 138-05 (voir page 34).
- 30/10 Ancienne version, remplacée par n° 91-013 185-90 (voir page 34).
- 30/11 Ancienne version, remplacée par n° 91-140 404-91.
- 30/12 Ancienne version, remplacée par n° 91-009 580-93 (voir page 48).
- 30/15 Ancienne version, remplacée par n° 91-018 173-90 (voir page 104).
- 30/16 Ancienne version, remplacée par nos 11-130 407-15; 91-001 734-15; 91-009 599-05.
- 30/17 Ancienne version, remplacée par n° 91-000 278-15.
- 30/20 Ancienne version, remplacée par n° 91-013 096-12.
- 30/21 Ancienne version, remplacée par n° 91-018 162-12.
- 32 Aucune garantie ne pourra être assurée quant à la précision d'ajustage de cette pièce avec la pièce correspondante; il est indiqué de commander un mécanisme complet.
- 32/1 Commander de préférence le n° 91-107 932-91 .
- 32/2 Commander de préférence le n° 91-018 237-91 .
- 32/3 Commander de préférence le n° 91-107 941-91 .
- 32/4 Commander de préférence le n° 91-018 238-91 .
- 35 Percée et goupillée après montage.
- 40/1 Remplir de Shell-Tellus C 22, n° de commande, voir page 117.
- 40/4 Graisser avec de la graisse Shell-Retinax G: n° de commande, voir page 117.
- 40/6 Remplir de Sewtrol EL: n° de commande, voir page 117.
- 40/7 Imbiber de Sewtrol EL: n° de commande, voir page 117.
- 40/8 Imbiber d'huile blanche: n° de commande, voir page 117.
- 60 Au choix
- 80/1 Pour tuyau de 4 mm de diamètre intérieur.
- 80/2 Pour tuyau de 6 mm de diamètre intérieur.
- 90/1 Pour du courant alternatif
- 90/2 Pour du courant triphasé
- 90/5 Pour raccorder le synchronisateur Quick B/T sur la boîte de contrôle avec prise à 4 pôles.
- 90/6 Pour raccorder le synchronisateur Quick B/K sur la boîte de contrôle avec prise à 7 pôles.
- 90/7 Réducteur de vitesse débrayable.
- 90/9 Pour moteurs avec numéro de modèle à 8 chiffres.
- 90/11 Pour moteurs Stop électroniques.
- 90/12 Pour moteurs-transmetteurs.
- 90/13 Pour moteurs Stop à levier.
- 90/14 Pour contacteur-disjoncteur du moteur.
- 90/15 Pour diamètre du volant 75 mm.
- 90/16 Pour diamètres du volant 120 mm et 150 mm.
- 95/1 Valeur x = longueur du point, à préciser à la commande.
- 96 Préciser la longueur
- 96/1 Tuyau de 4 mm de diamètre intérieur; préciser la longueur.
- 96/2 Tuyau de 6 mm de diamètre intérieur; préciser la longueur.

00-000 000-00

Grupo principal de piezas, compuesto de: subgrupo de piezas o
subgrupo de piezas y piezas individuales o
subgrupo de piezas, piezas individuales y piezas
complementarias
(véanse los recuadros en las páginas ilustradas)

00-000 000-00

Subgrupo de piezas, compuesto de: piezas individuales o
piezas individuales y piezas complementarias
(véanse los recuadros en las páginas ilustradas).

00-000 000-00

Pieza individual con pieza complementaria (véanse los recuadros en las páginas ilustradas).
Por ejemplo: anillo de ajuste con tornillo, barra de aguja con tornillo de fijación para la aguja, etc.

00-000 000-00

Pieza individual

B

Tipo B para materiales semiligeros.

C

Tipo C para materiales semipesados.

D

Tipo D para materiales pesados.

S

Para tela

L

Para cuero

4,5

Largo de puntada 4,5 mm

N

Largo de puntada 6,0 mm

N8

Largo de puntada 8,0 mm

N10

Largo de puntada 10,0 mm

Dependientes de la subclase, para el N° de pieza véase „Dotación de subclases”.

0

Para saber a qué subclase pertenece, véase „Dotación de subclases”.

0/1

Para las subclases y piezas dependientes del esquema de costura, véase „Composición de las Subclases”.

3/1

Asegurado con Loctite

4

Indíquese en los pedidos el tipo (B, C ó D).

5

Envíese muestra de costura.

6

Grosor de aguja y forma de la punta, indíquese en los pedidos.

10

Distancia entre agujas

10/2

Indíquese en los pedidos la distancia entre agujas.

22

Incluido en los accesorios.

27/2

Cifra entre paréntesis = espesor en mm.

28

Tipo especial

28/2

Tipo especial para materiales delicados

28/3

Tipo especial para coser cortinas

30

Tipo anterior, en caso de sustitución pidase de nuevo.

30/0

Tipo anterior, fuera de programa.

30/1

Tipo anterior, se sustituye por los números 11-210 168-15; 91-007 687-05; 91-108 578-45;
91-169 132-15

30/2

Tipo anterior, se sustituye por los N°s 11-210 168-15; 91-169 132-15.

30/3

Tipo anterior, se sustituye por los N°s 91-000 335-15; 91-011 754-05.

30/4

Tipo anterior, se sustituye por el N° 91-008 469-01.

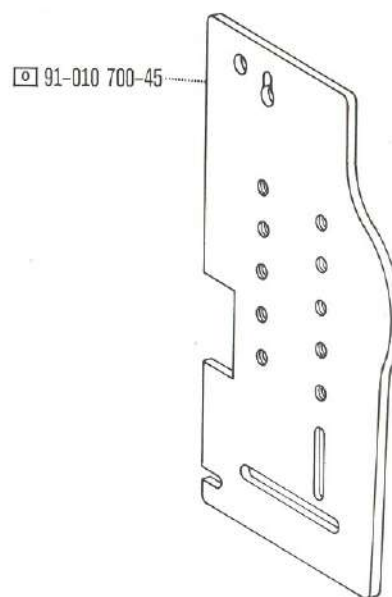
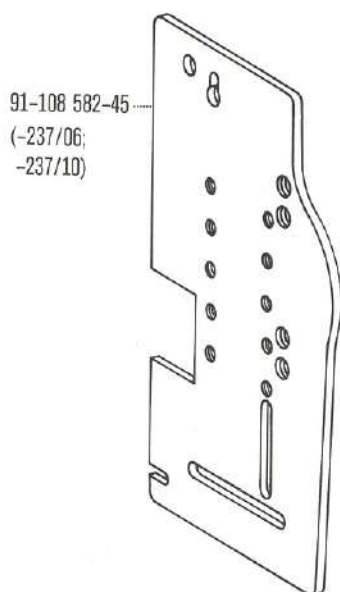
30/5

Tipo anterior, se sustituye por los N°s 91-100 341-15; 91-100 342-15.
El cárter del engranaje cónico N° 91-010 127-90, deberá quitarse si existe.

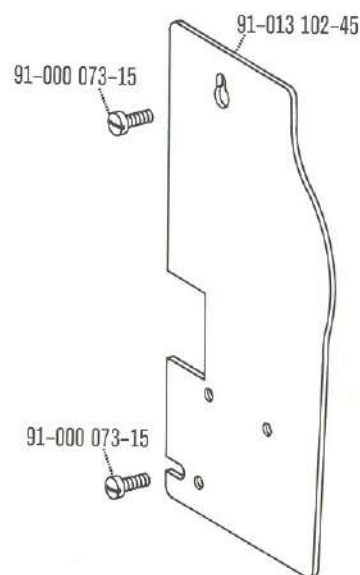
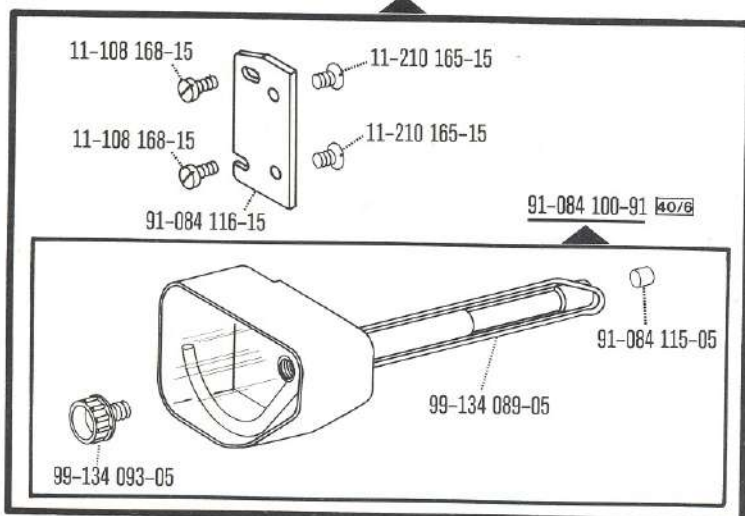
30/6

Tipo anterior, no se usa más, ya que el engranaje cónico se engrasa con Shell-Retinax G
(N° de pedido véase página 117).

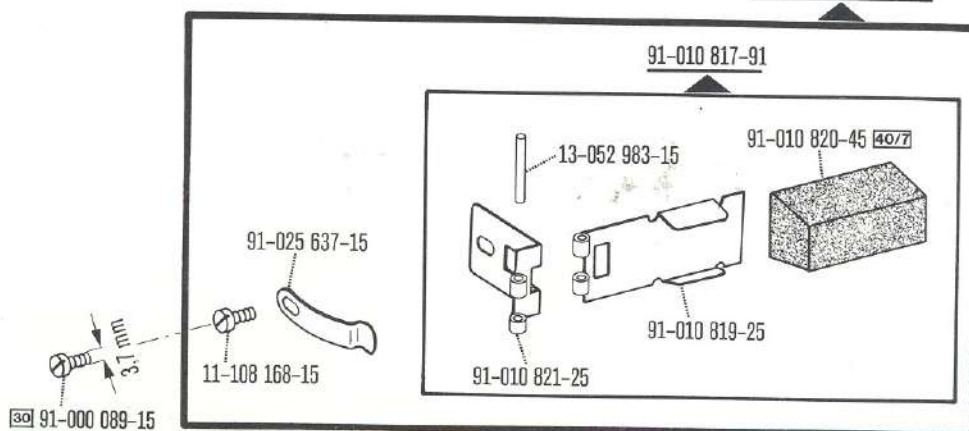
- 30/7** Tipo anterior, se sustituye por los N^{os} 91-019 619-90; 91-100 341-15; 91-100 342-15.
- 30/8** Tipo anterior, se sustituye por el N^o 91-019 619-90.
- 30/9** Tipo anterior, se sustituye por los N^{os} 91-013 185-90 ; 91-018 137-05; 91-018 138-05 (véase página 34).
- 30/10** Tipo anterior, se sustituye por el N^o 91-013 185-90 (véase página 34).
- 30/11** Tipo anterior, se sustituye por el N^o 91-140 404-91.
- 30/12** Tipo anterior, se sustituye por el N^o 91-009 580-93 (véase página 48).
- 30/15** Tipo anterior, se sustituye por el N^o 91-018 173-90 (véase página 104).
- 30/16** Tipo anterior, se sustituye por los N^{os} 11-130 407-15; 91-001 734-15; 91-009 599-05.
- 30/17** Tipo anterior, se sustituye por el N^o 91-000 278-15.
- 30/20** Tipo anterior, se sustituye por el N^o 91-013 096-12.
- 30/21** Tipo anterior, se sustituye por el N^o 91-018 162-12.
- 32** Al montar esta pieza no se asume garantía alguna en cuanto a la tolerancia y precisión de ajuste respecto a la pieza correspondiente; por esta razón se recomienda pedir el grupo completo.
- 32/1** Es conveniente pedir el N^o 91-107 932-91.
- 32/2** Es conveniente pedir el N^o 91-018 237-91.
- 32/3** Es conveniente pedir el N^o 91-107 941-91.
- 32/4** Es conveniente pedir el N^o 91-018 238-91.
- 35** Deberá hacerse un taladro y colocarse un pasador después del montaje.
- 40/1** Rellénese con Shell-Tellus C 22, para el N^o de pedido véase la página 117.
- 40/4** Engrase con grasa Shell-Retinax G, para el N^o de pedido véase la página 117.
- 40/6** Rellene con Sewtrol EL, para el N^o de pedido véase la página 117.
- 40/7** Empape con Sewtrol EL, para el N^o de pedido véase la página 117.
- 40/8** Empape con aceite blanco, para el N^o de pedido véase la página 117.
- 60** Opcional
- 80/1** Para tubo de plástico de 4 mm de diámetro interior
- 80/2** Para tubo de plástico de 6 mm de diámetro interior
- 90/1** Para corriente alterna monofásica
- 90/2** Para corriente alterna trifásica
- 90/5** Para conectar el posicionador Quick B/T a la caja de mandos con enchufe de 4 polos.
- 90/6** Para conectar el posicionador Quick B/K a la caja de mandos con enchufe de 7 polos.
- 90/7** Dispositivo para costura lenta, desconectable.
- 90/9** Para motores con número de modelo de 8 cifras.
- 90/11** Para motores stop electrónicos.
- 90/12** Para motores de embrague.
- 90/13** Para motores stop de palanca.
- 90/14** Para el interruptor de seguridad del motor (guardamotor).
- 90/15** Para 75 mm de diámetro del volante.
- 90/16** Para 120 mm y 150 mm de diámetro del volante.
- 95/1** Valor x = Largo de puntada, indíquese en los pedidos.
- 96** Indíquese la largura
- 96/1** Tubo flexible de 4 mm de diámetro interior; indíquese la largura en los pedidos.
- 96/2** Tubo flexible de 6 mm de diámetro interior; indíquese la largura en los pedidos.

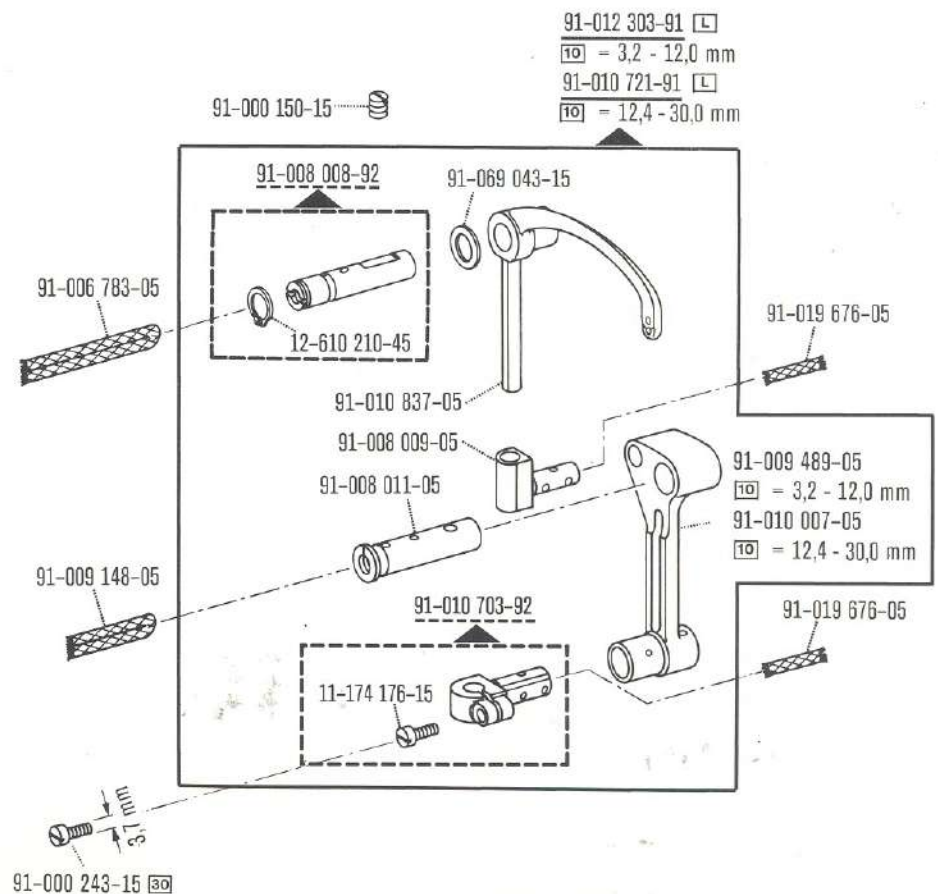
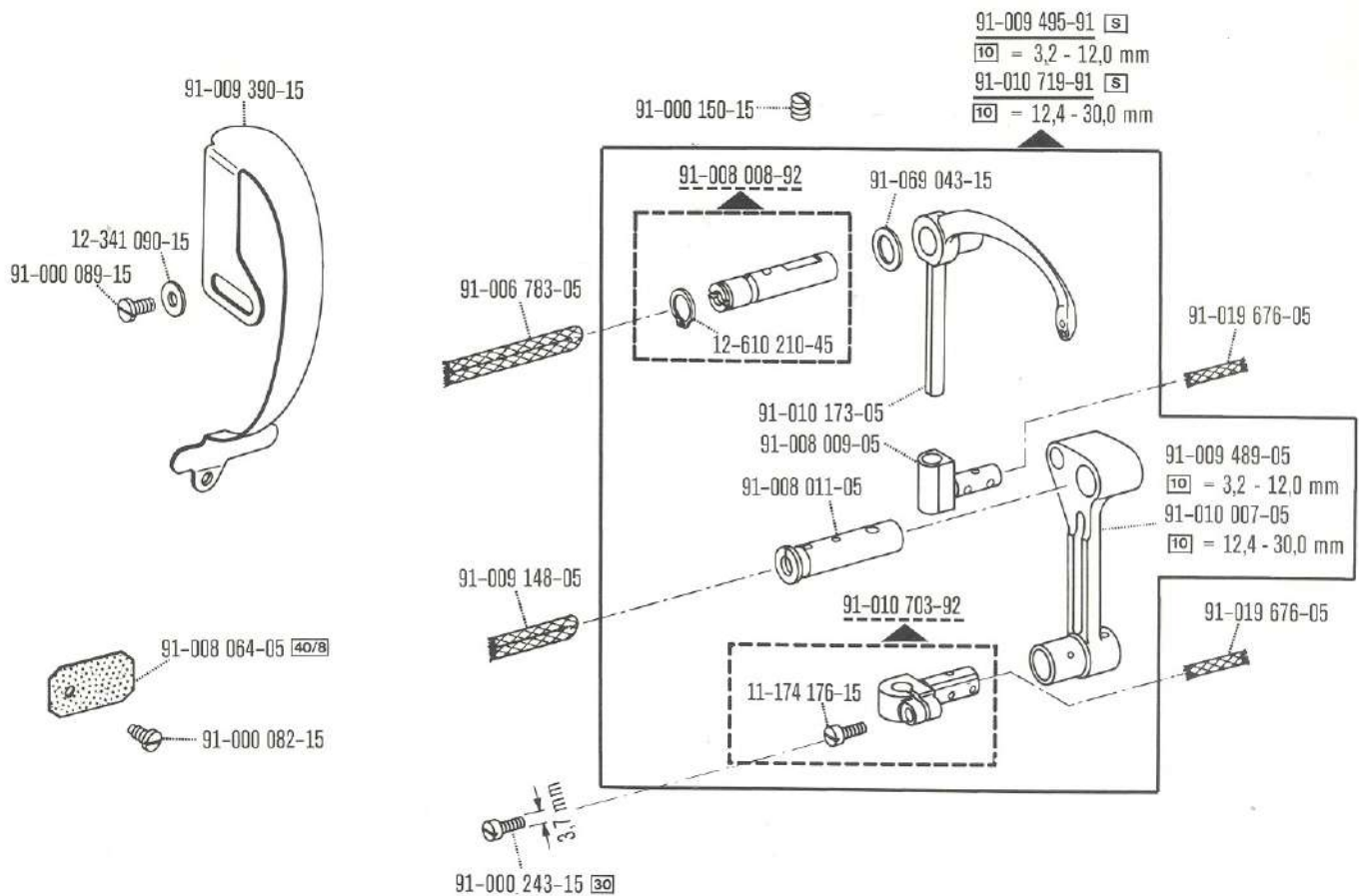


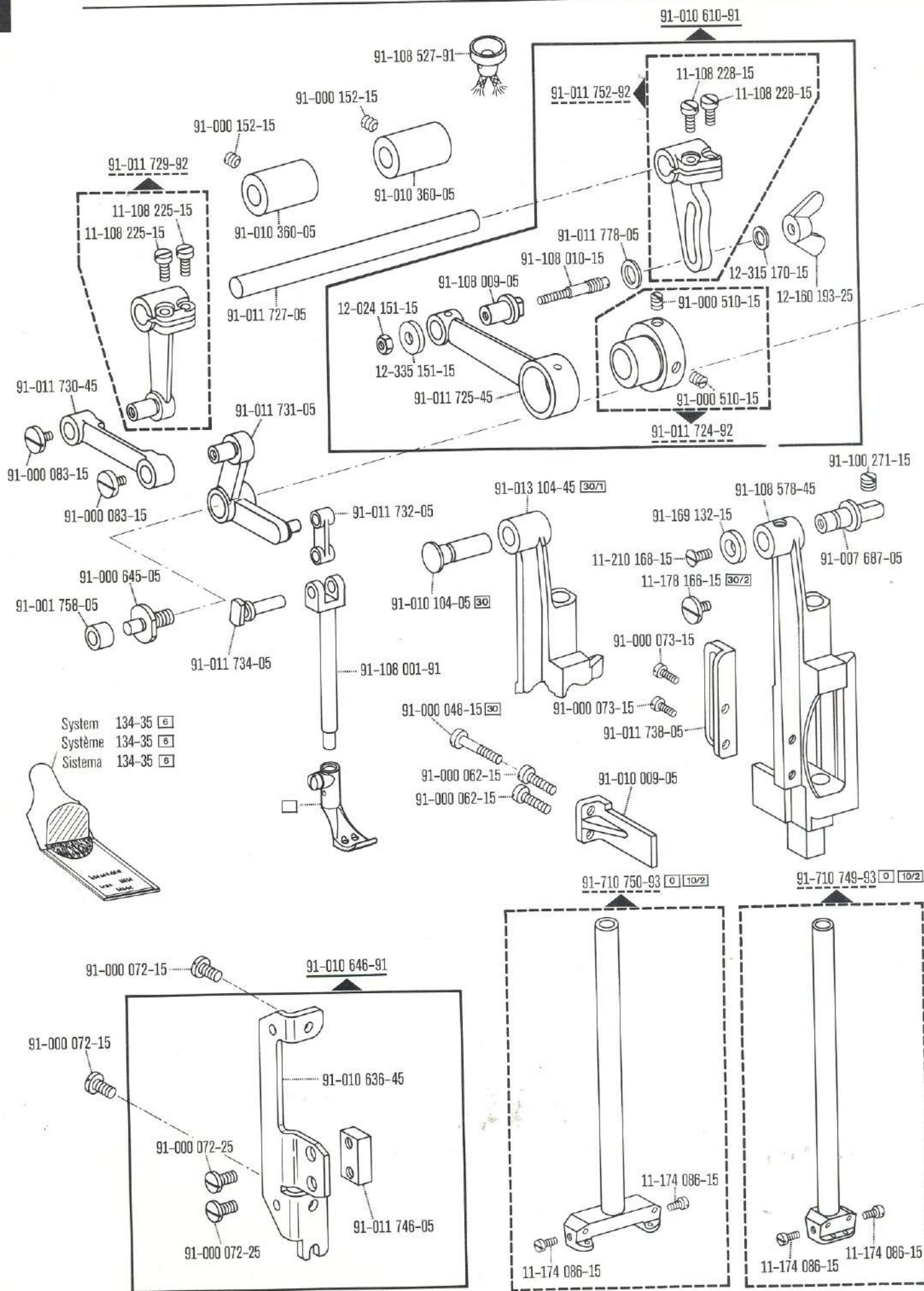
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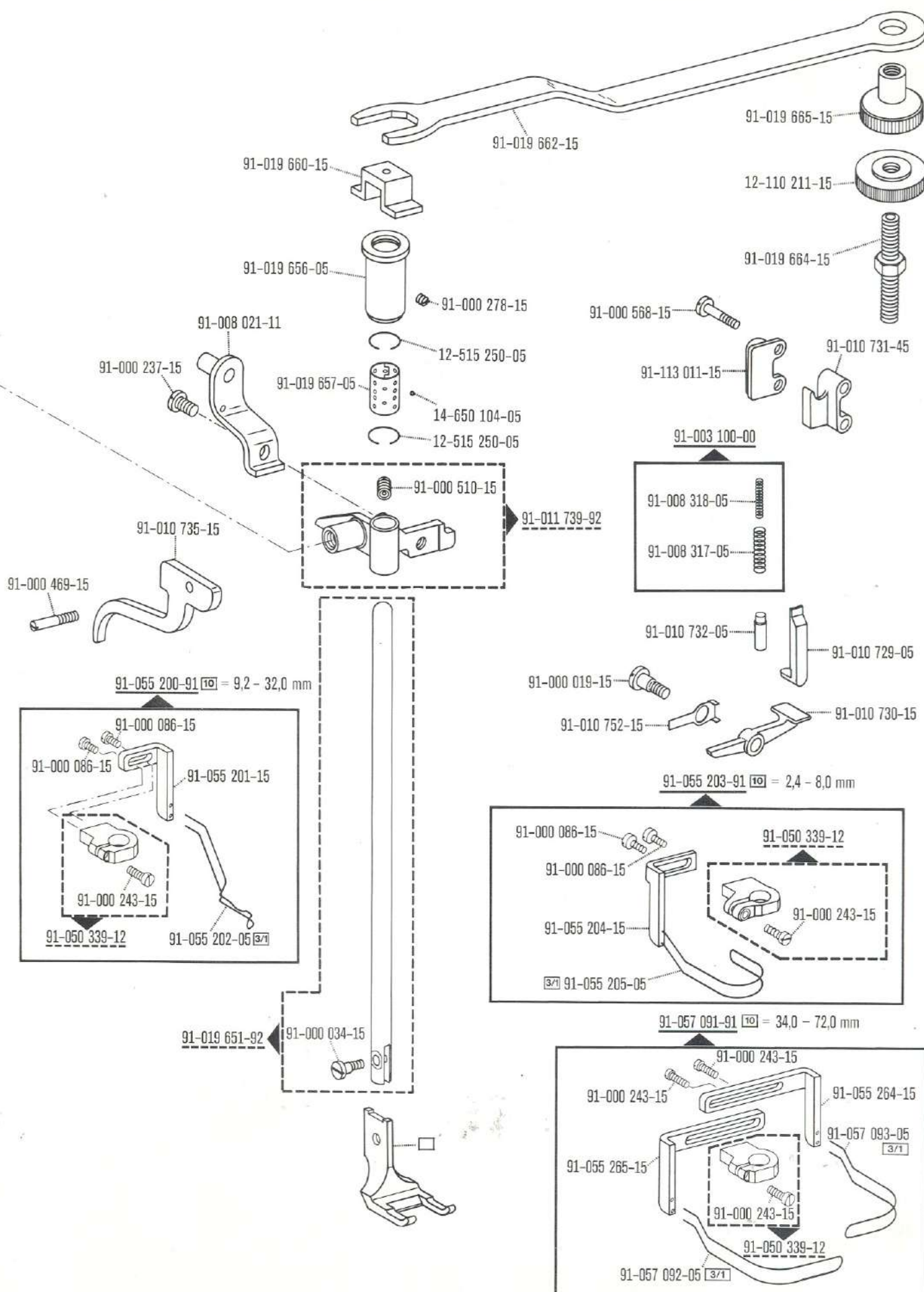


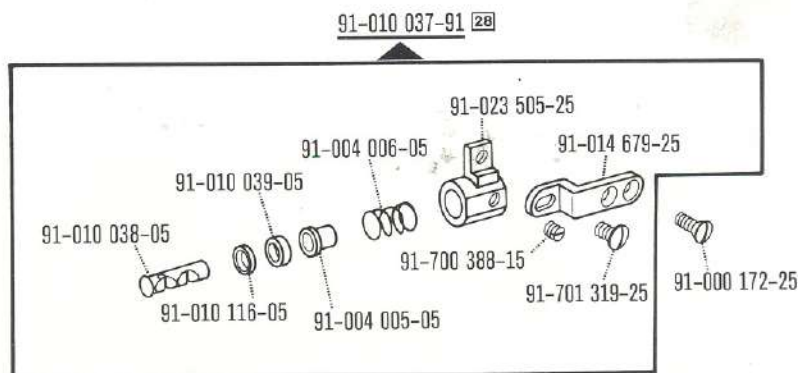
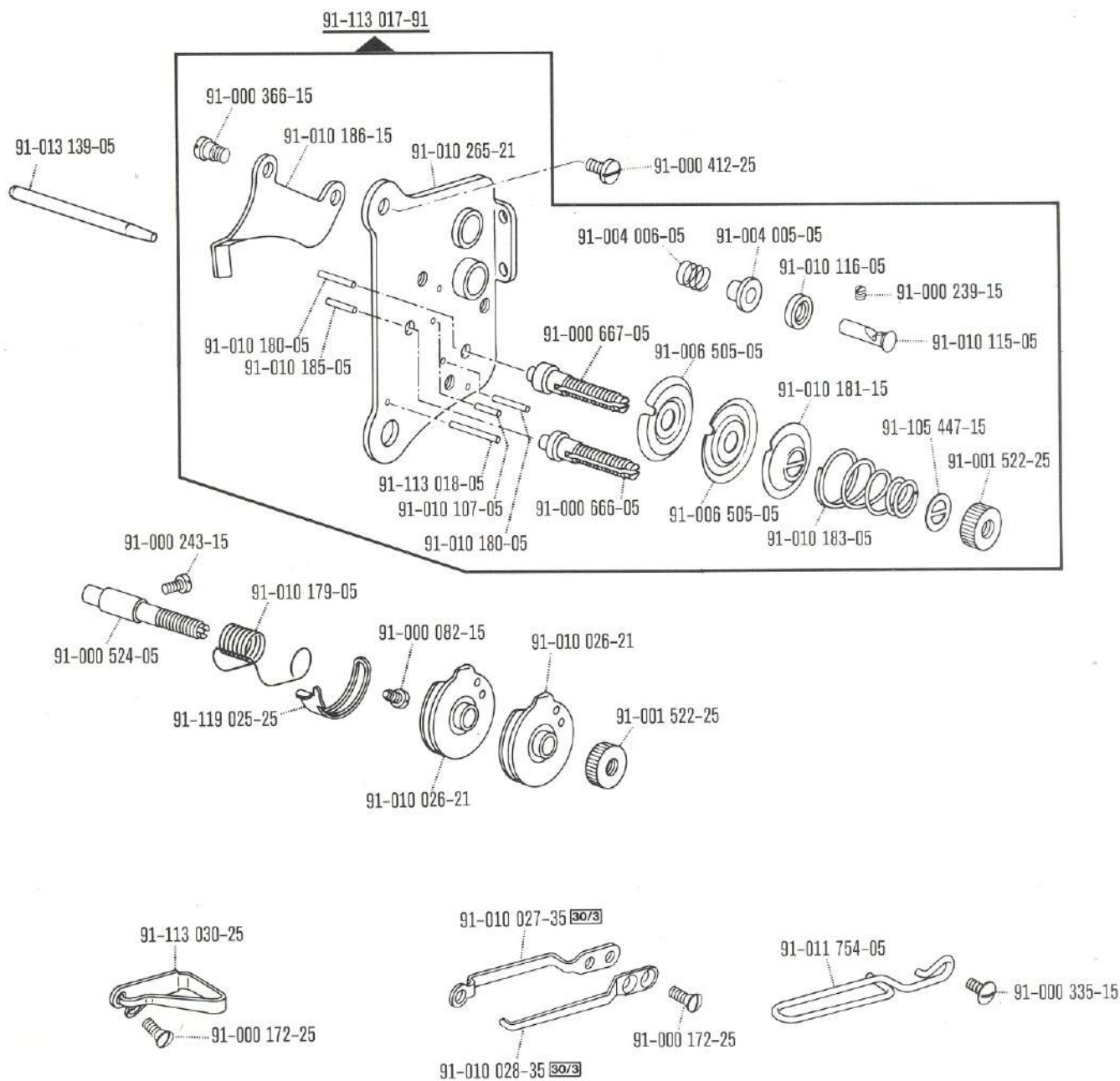
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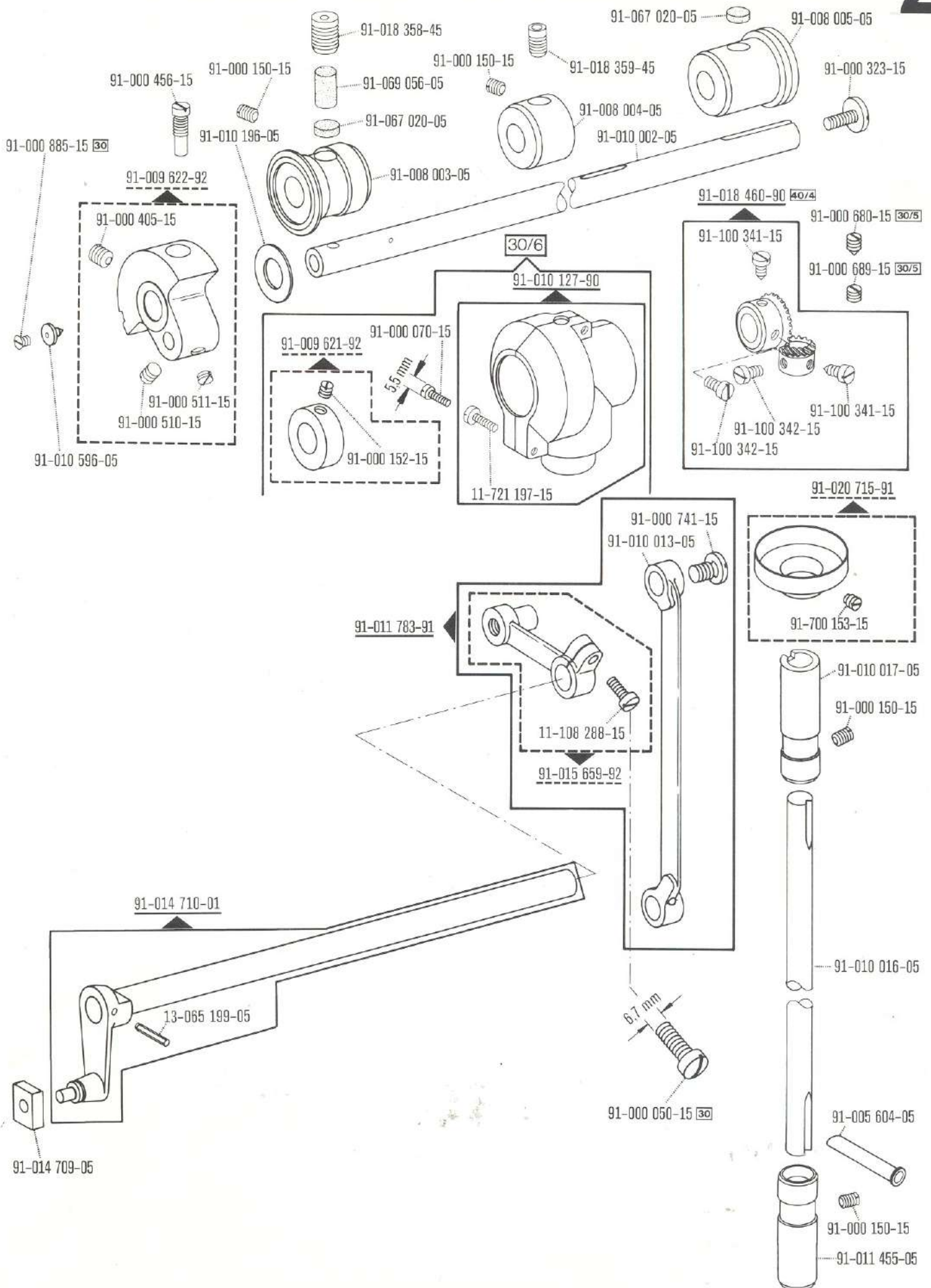


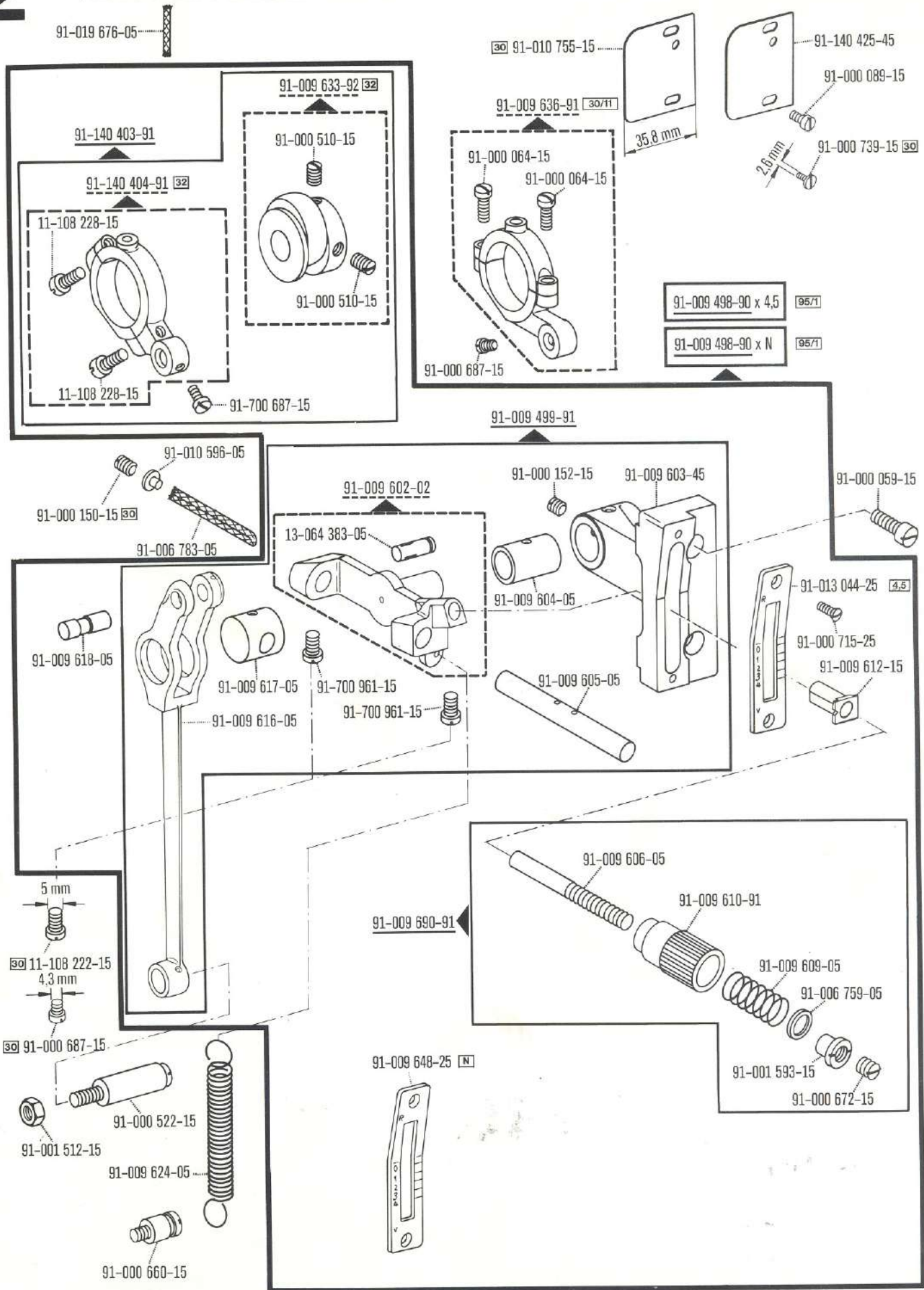


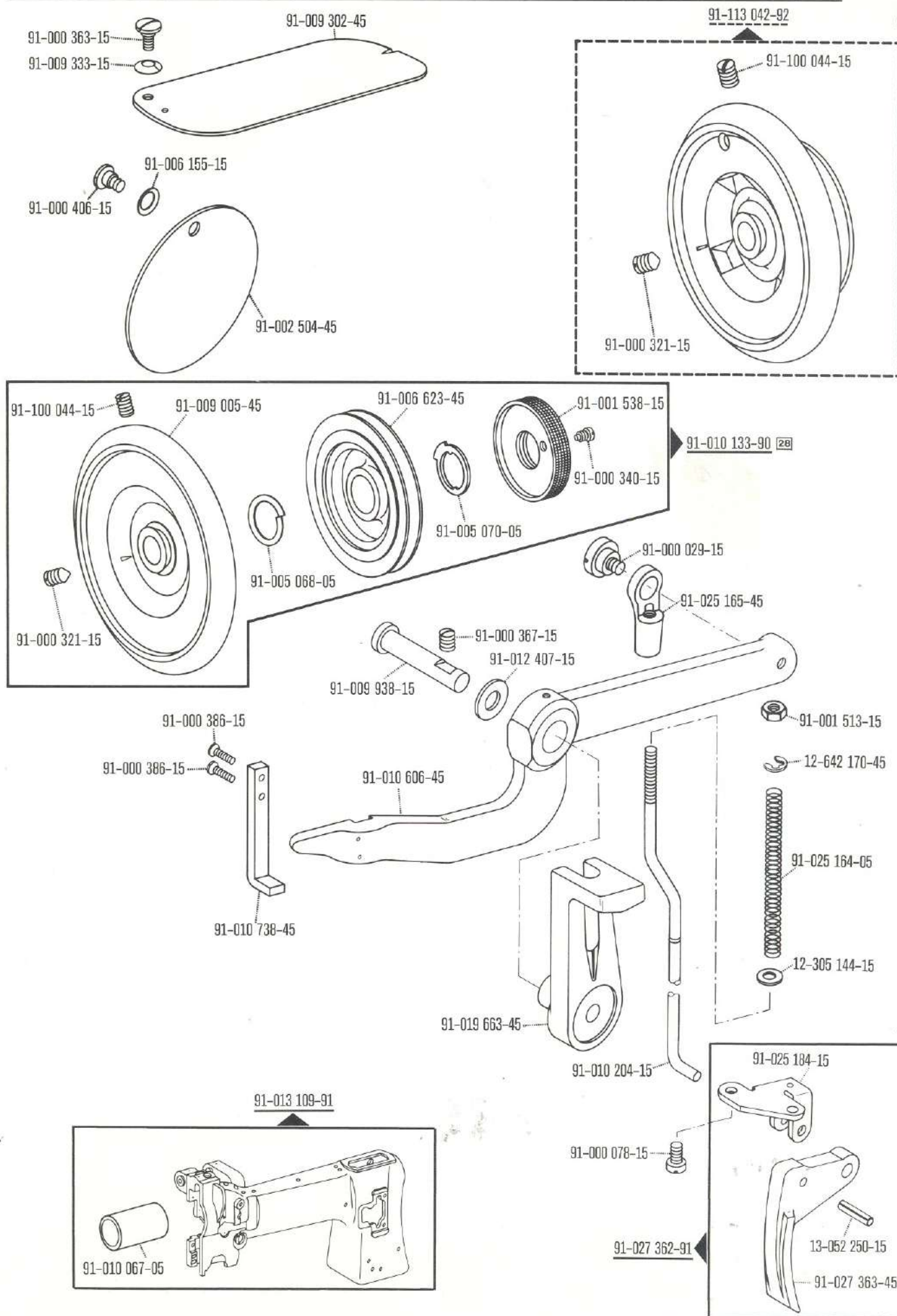


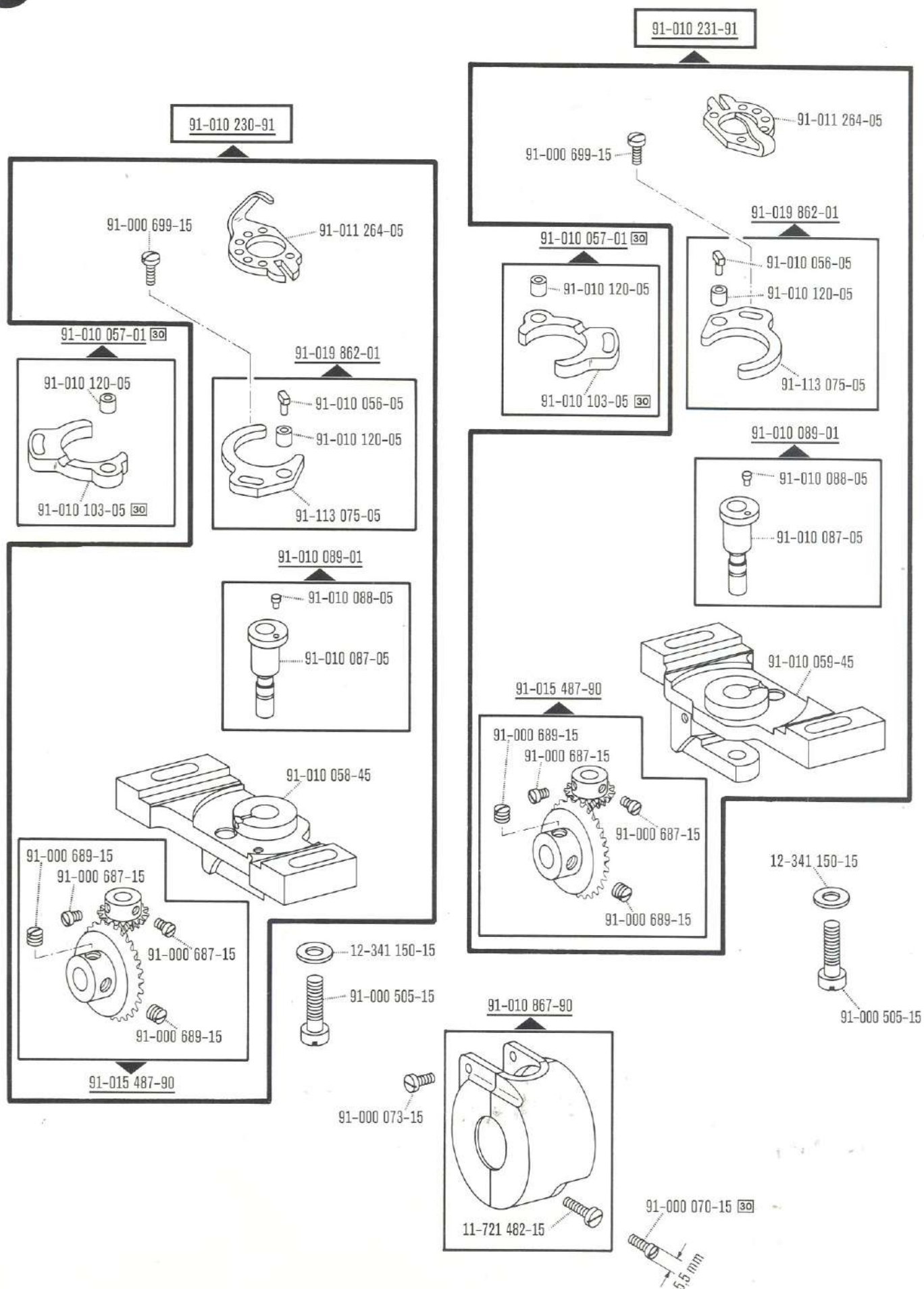


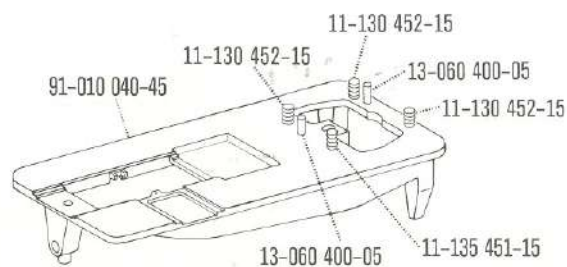
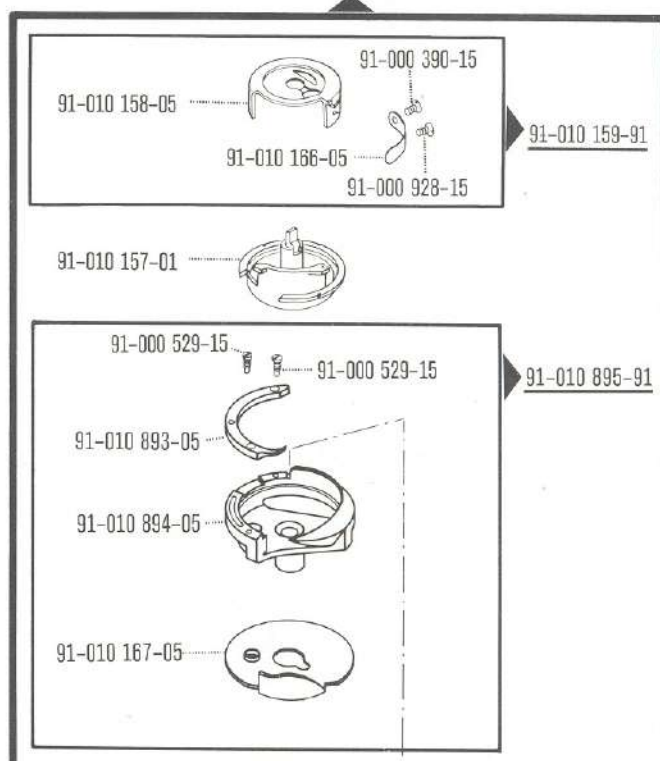
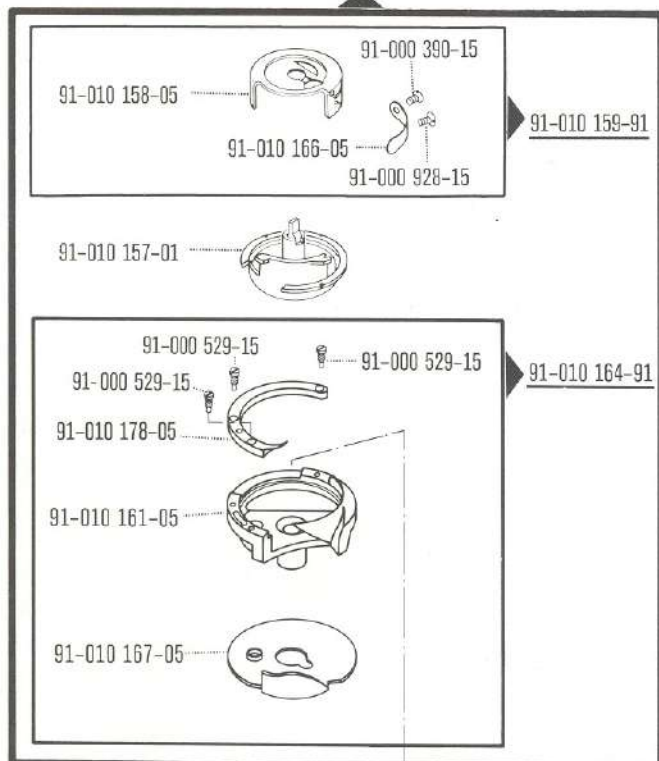
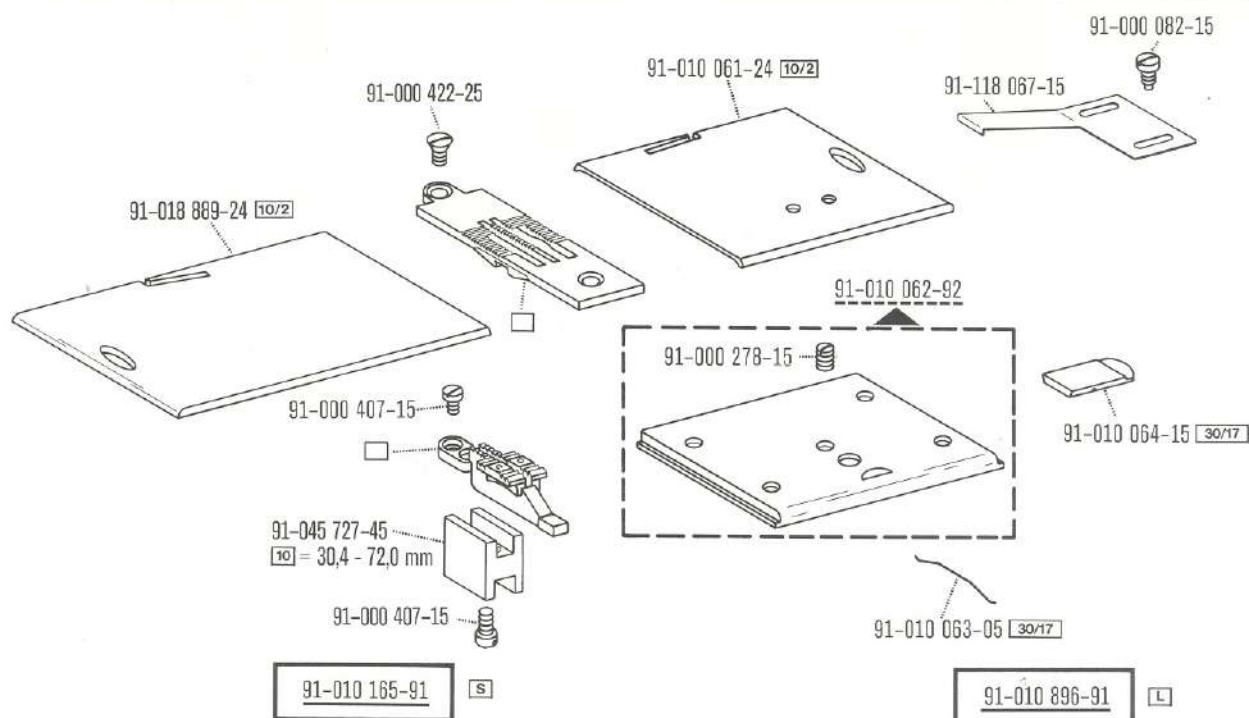


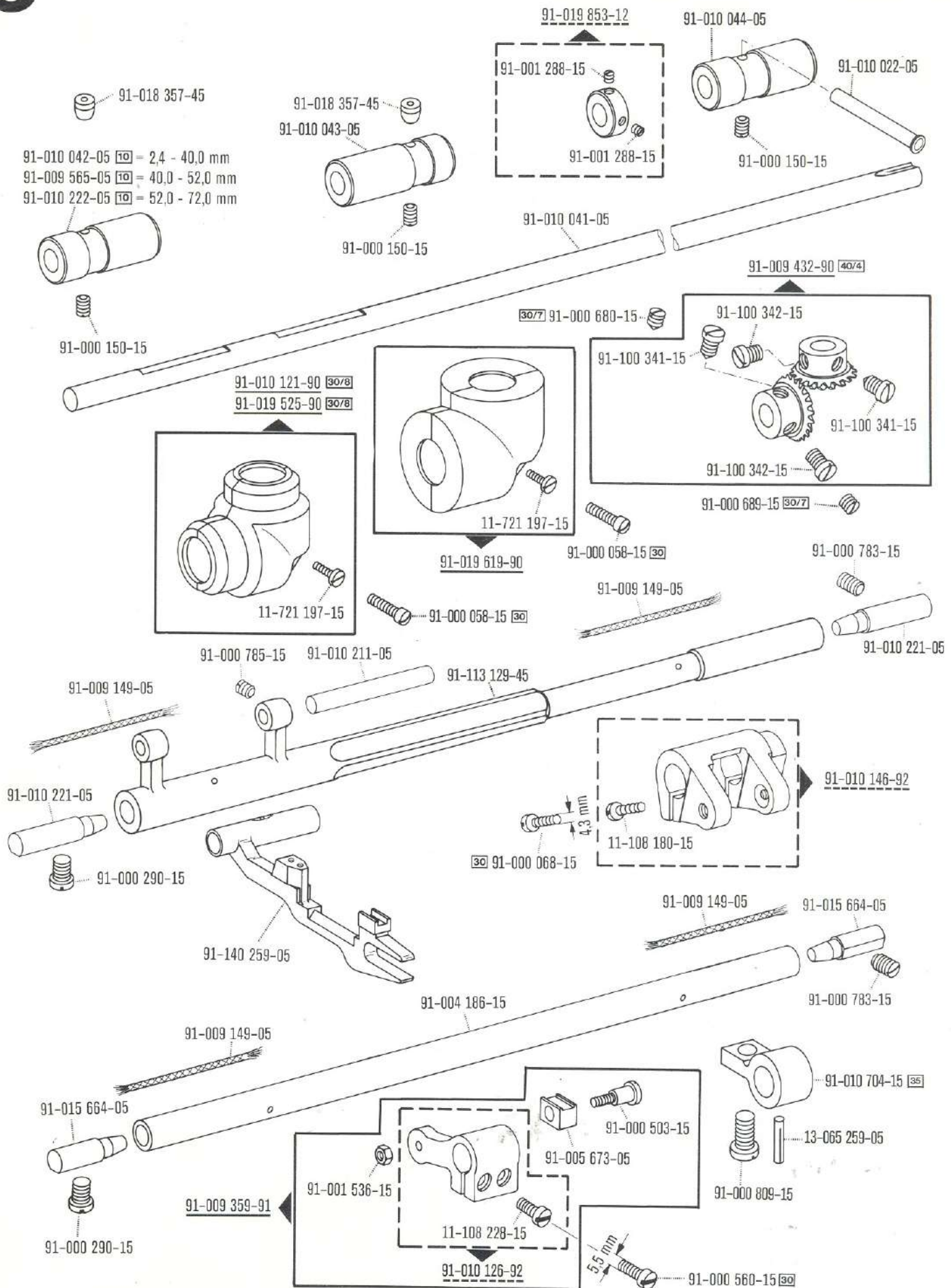


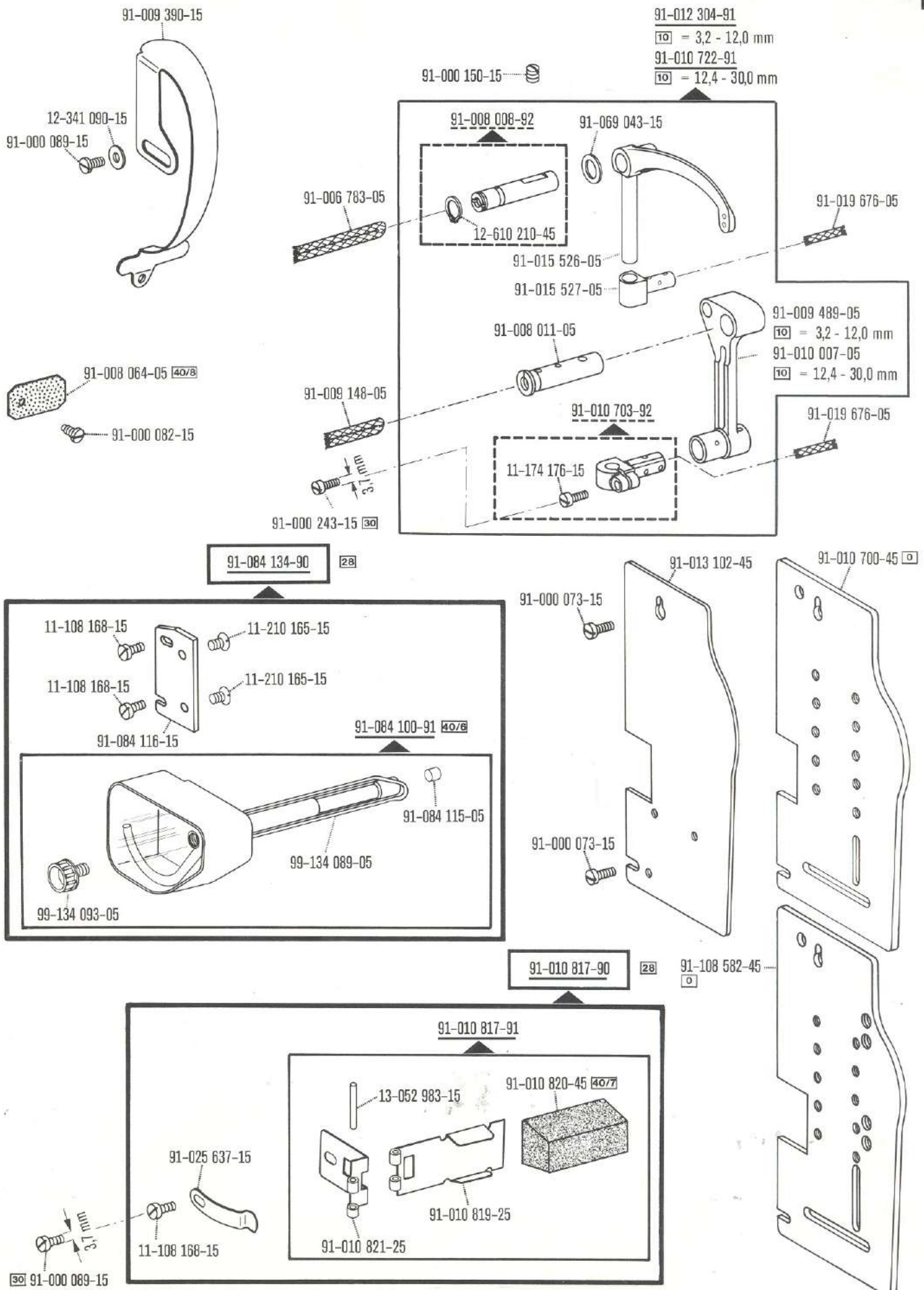


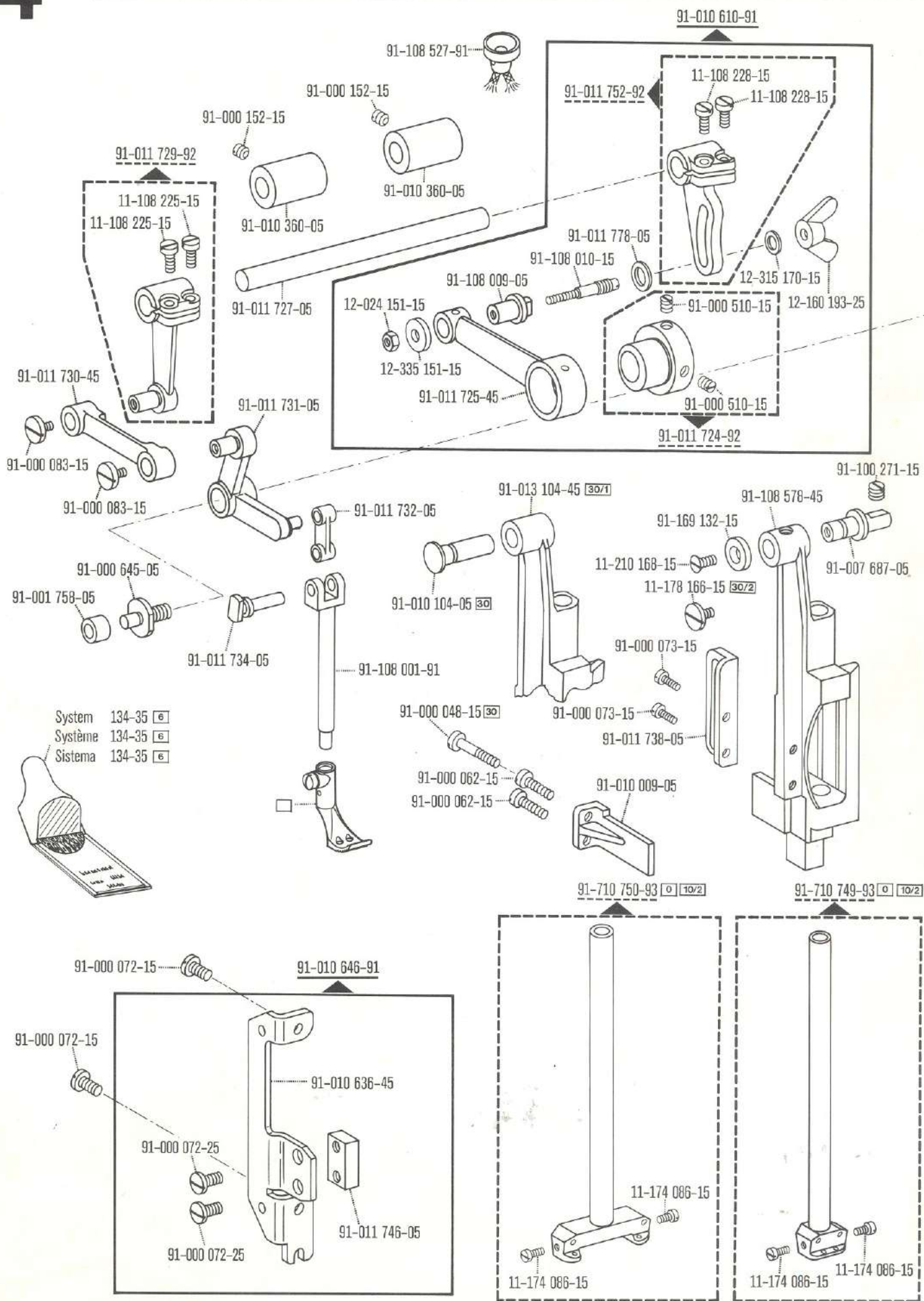


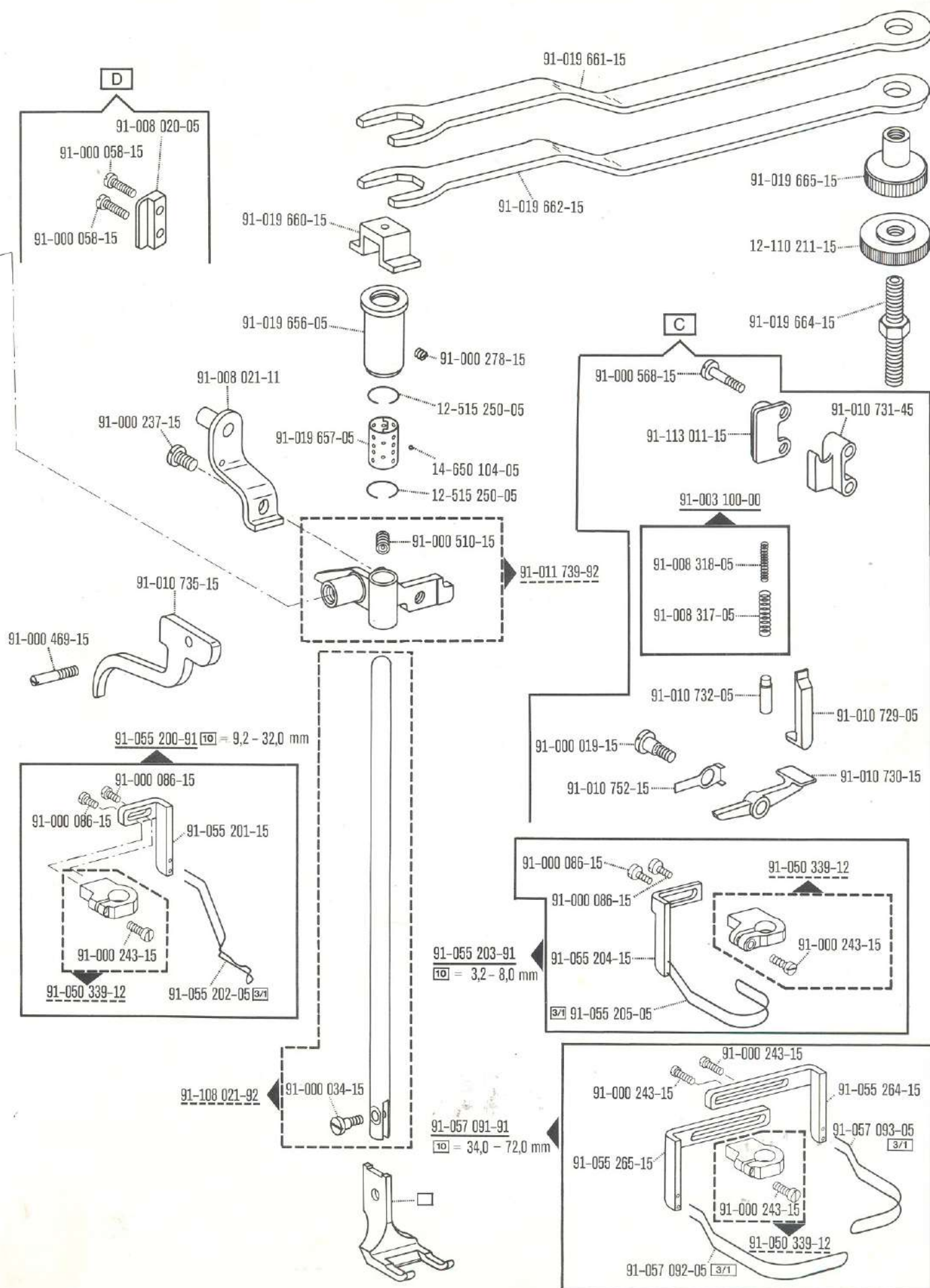


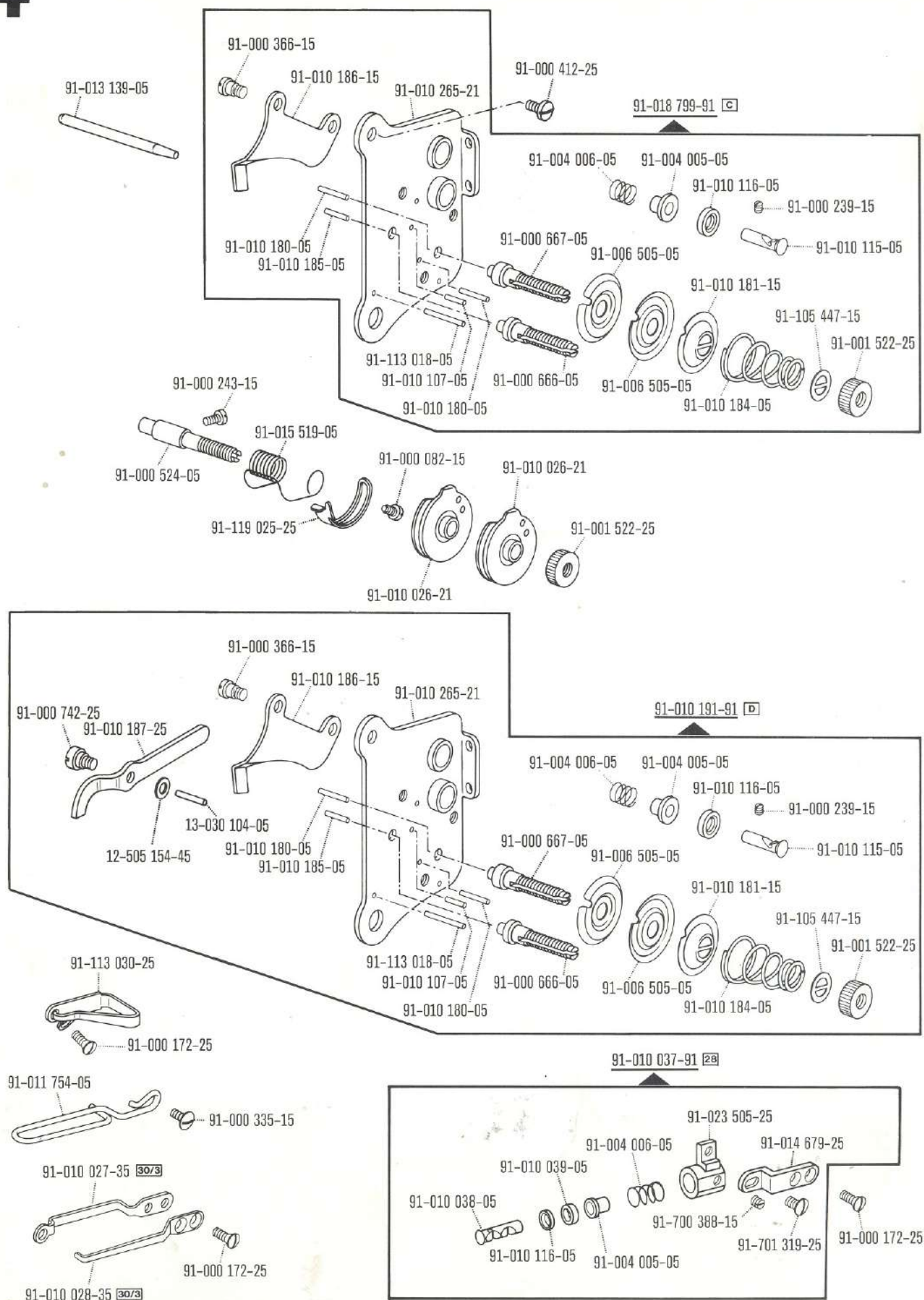


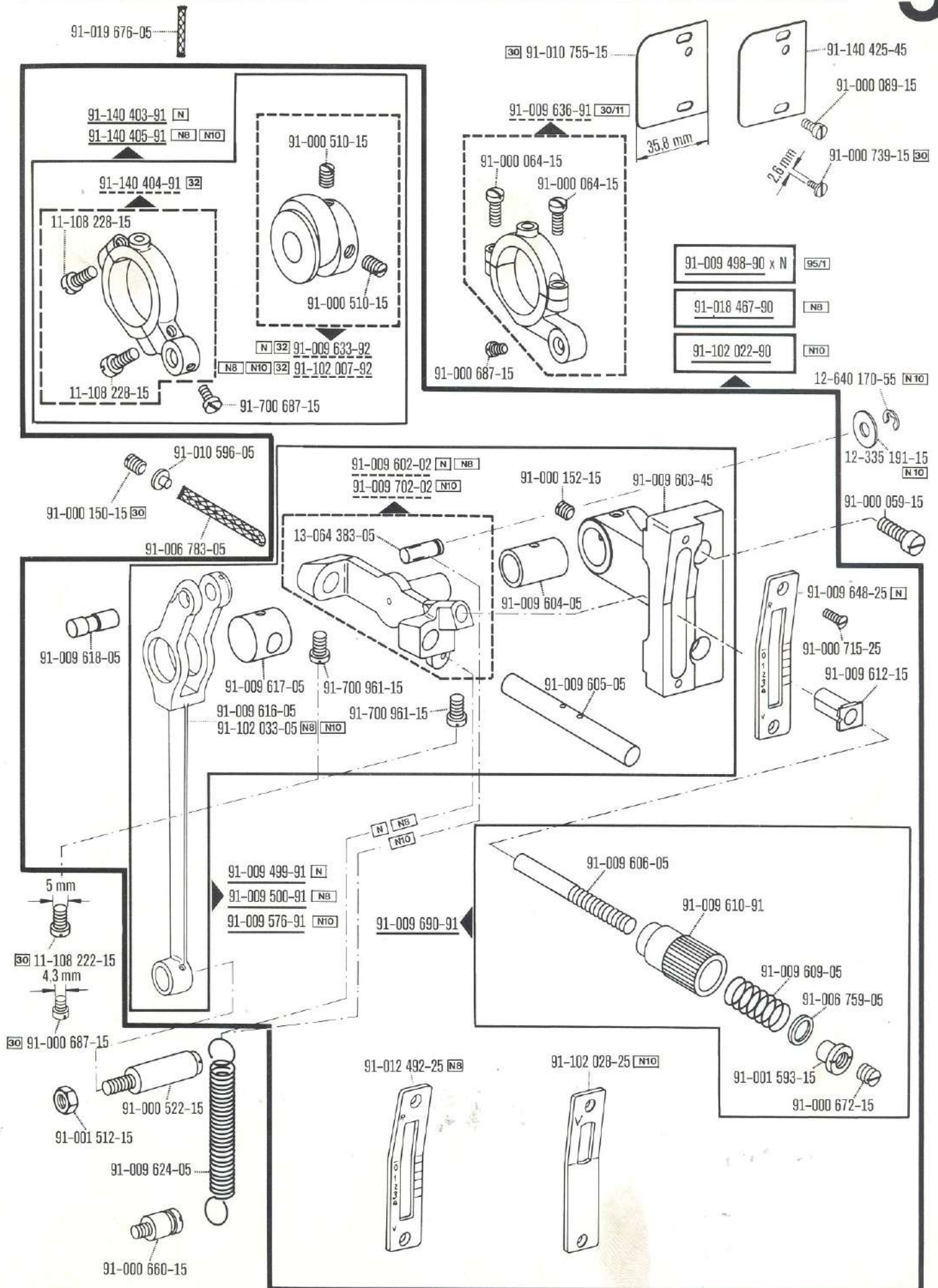


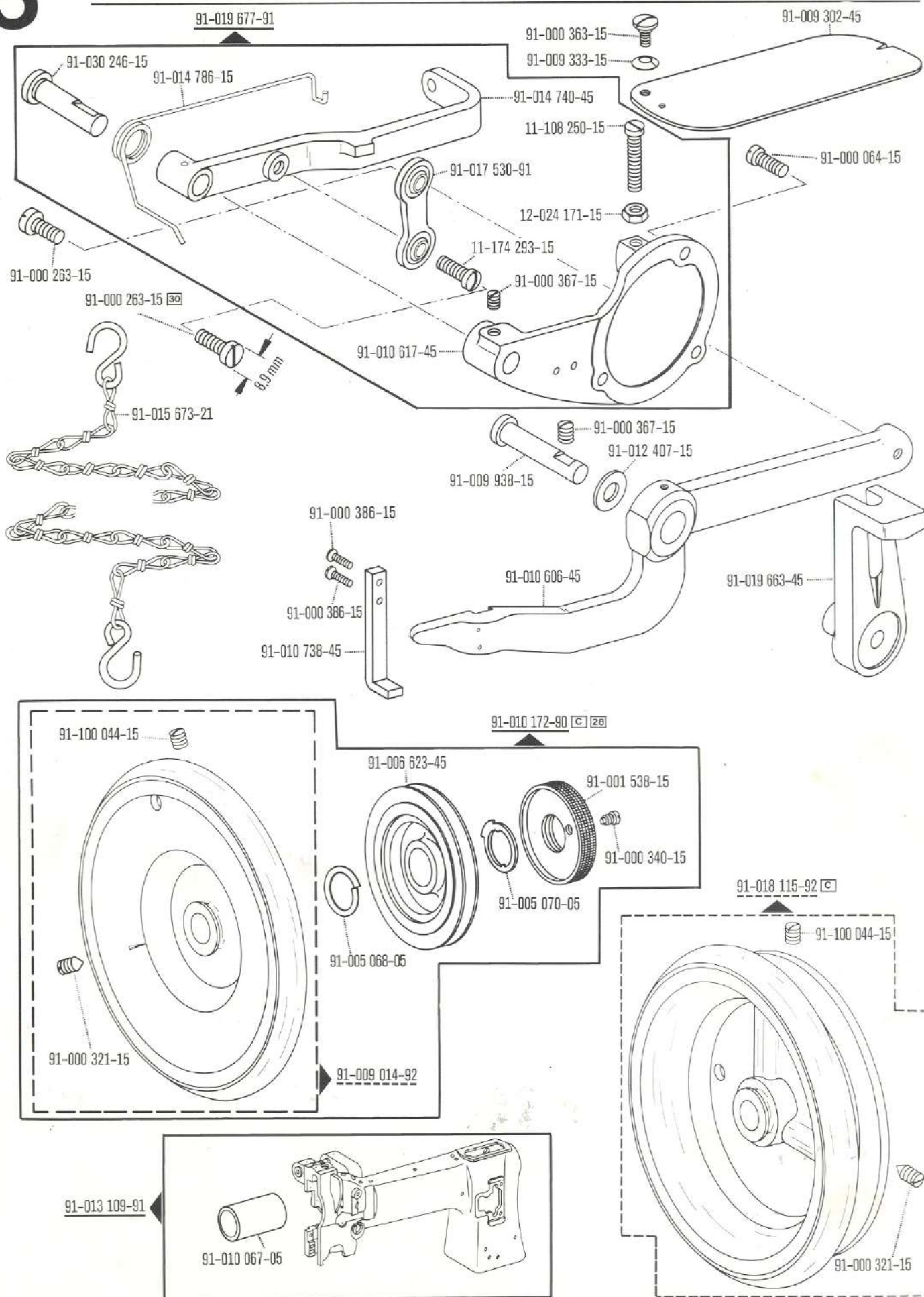


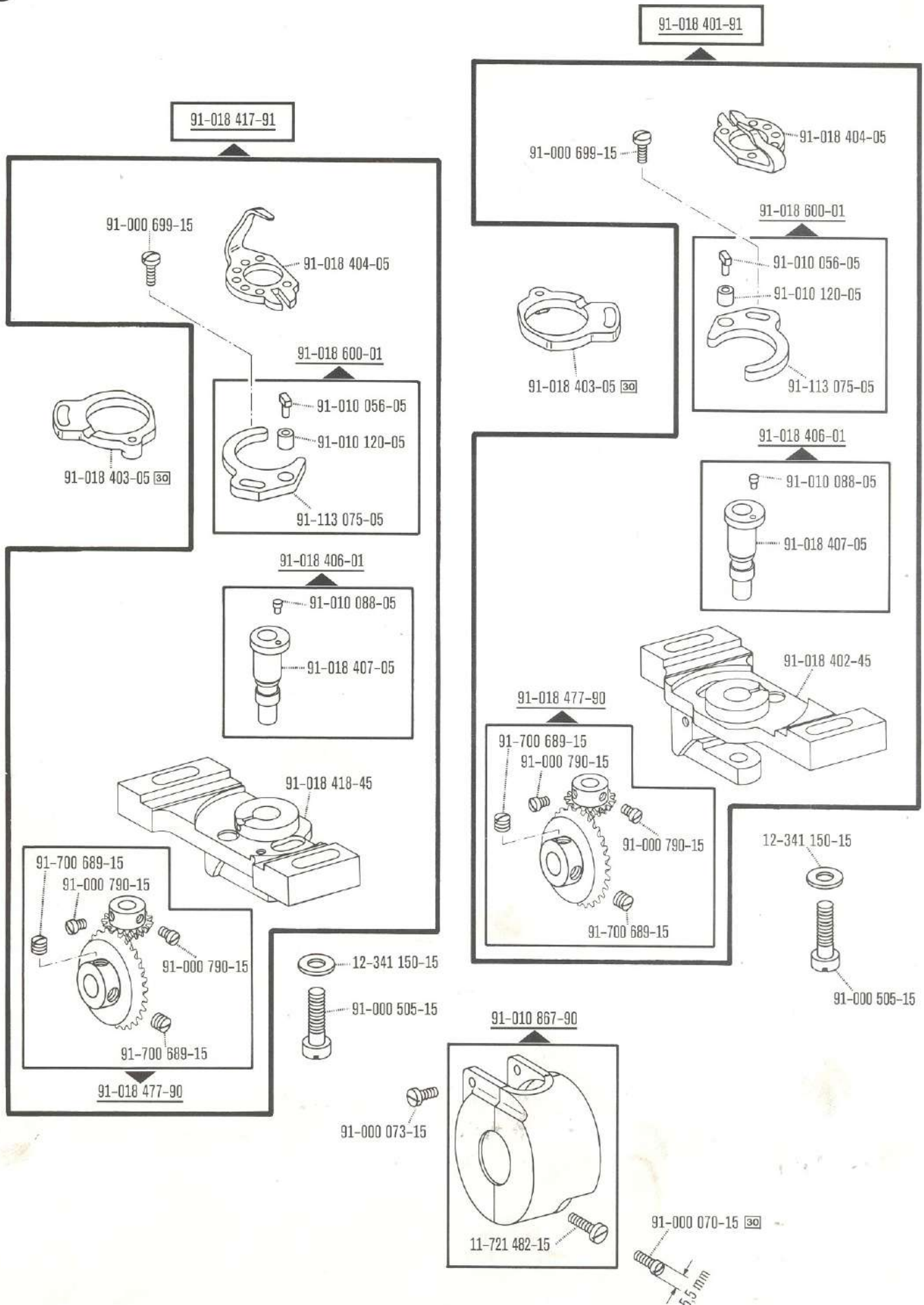


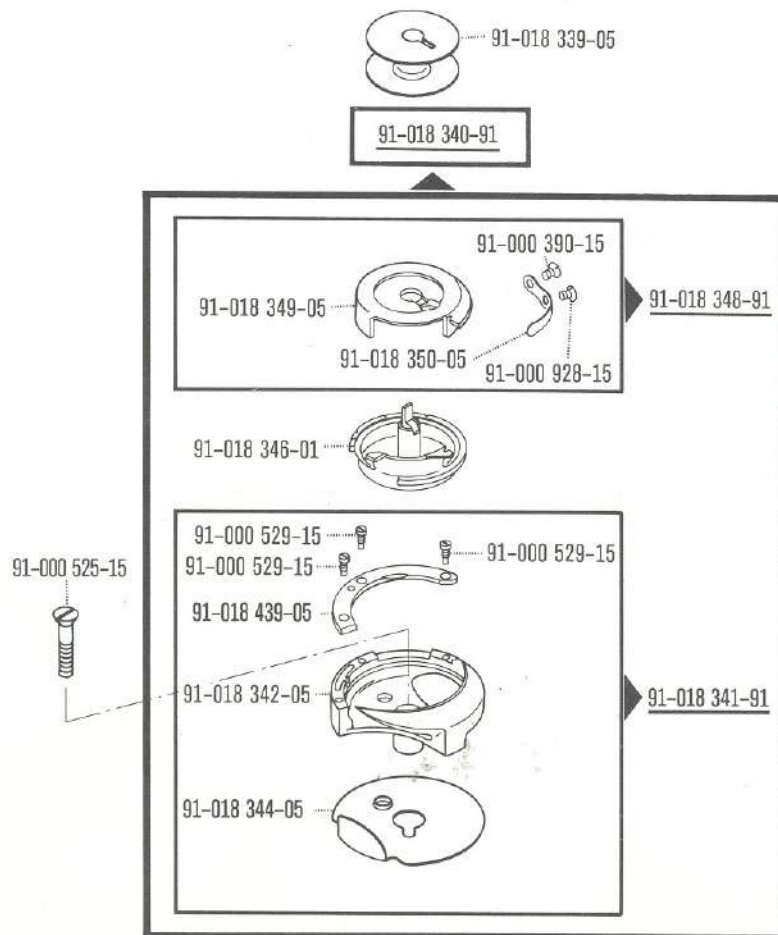
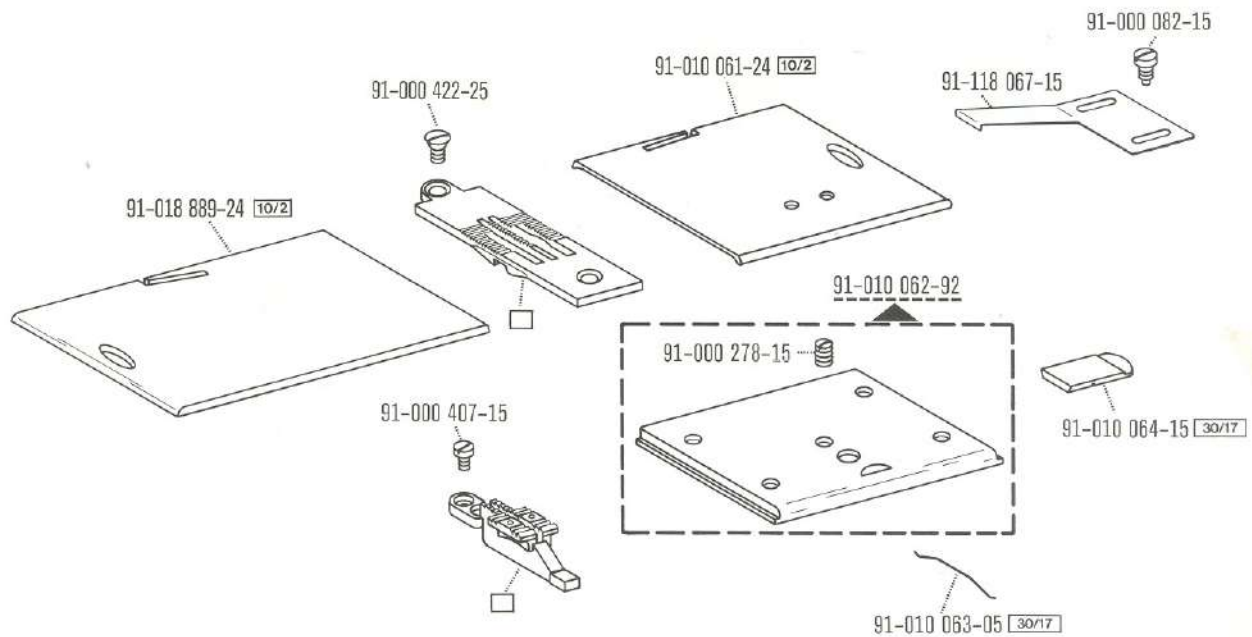




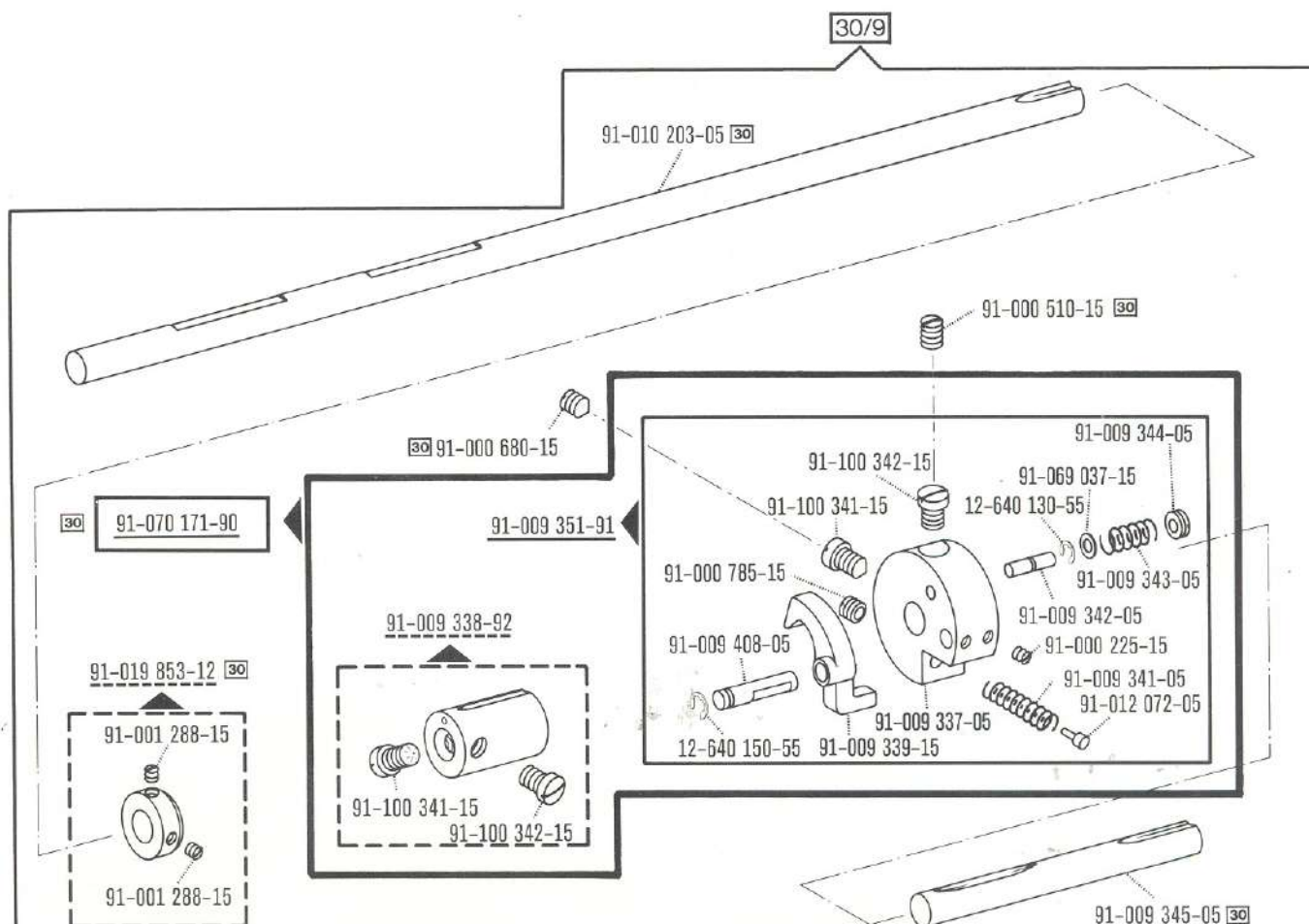
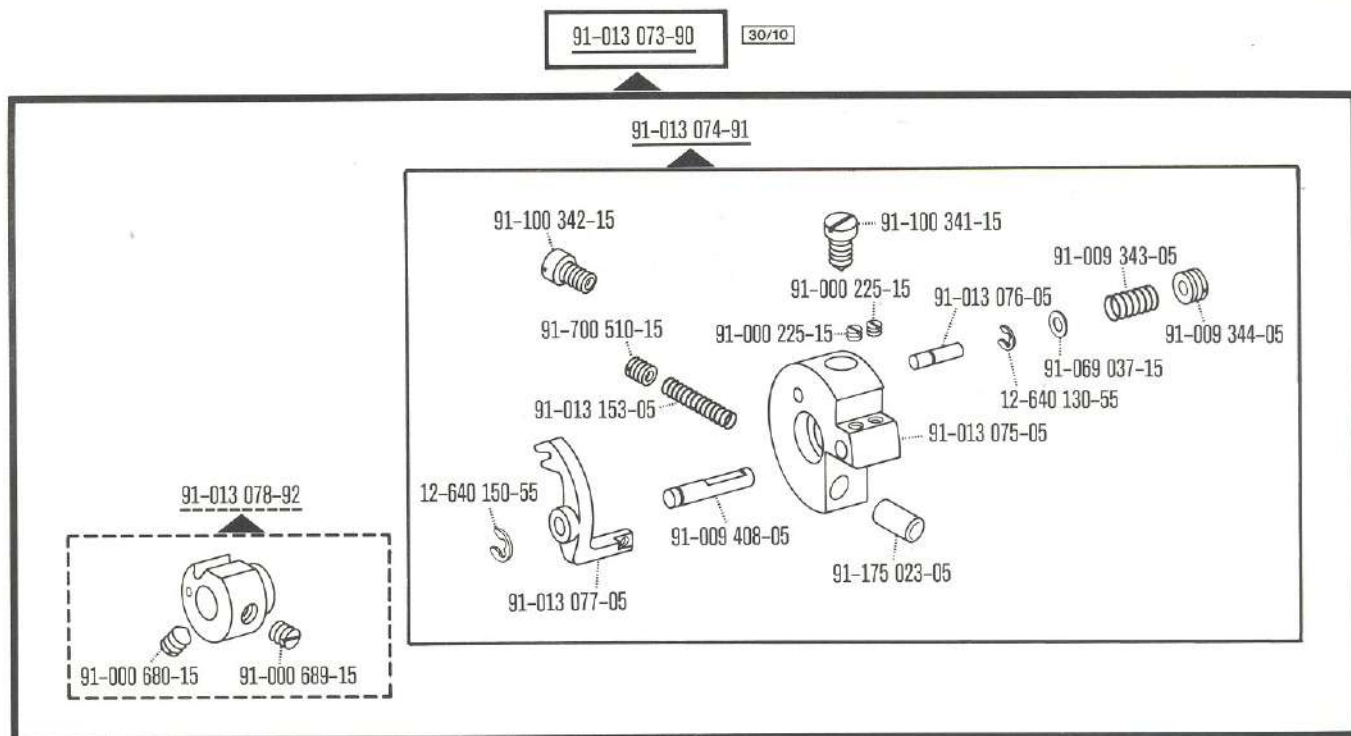


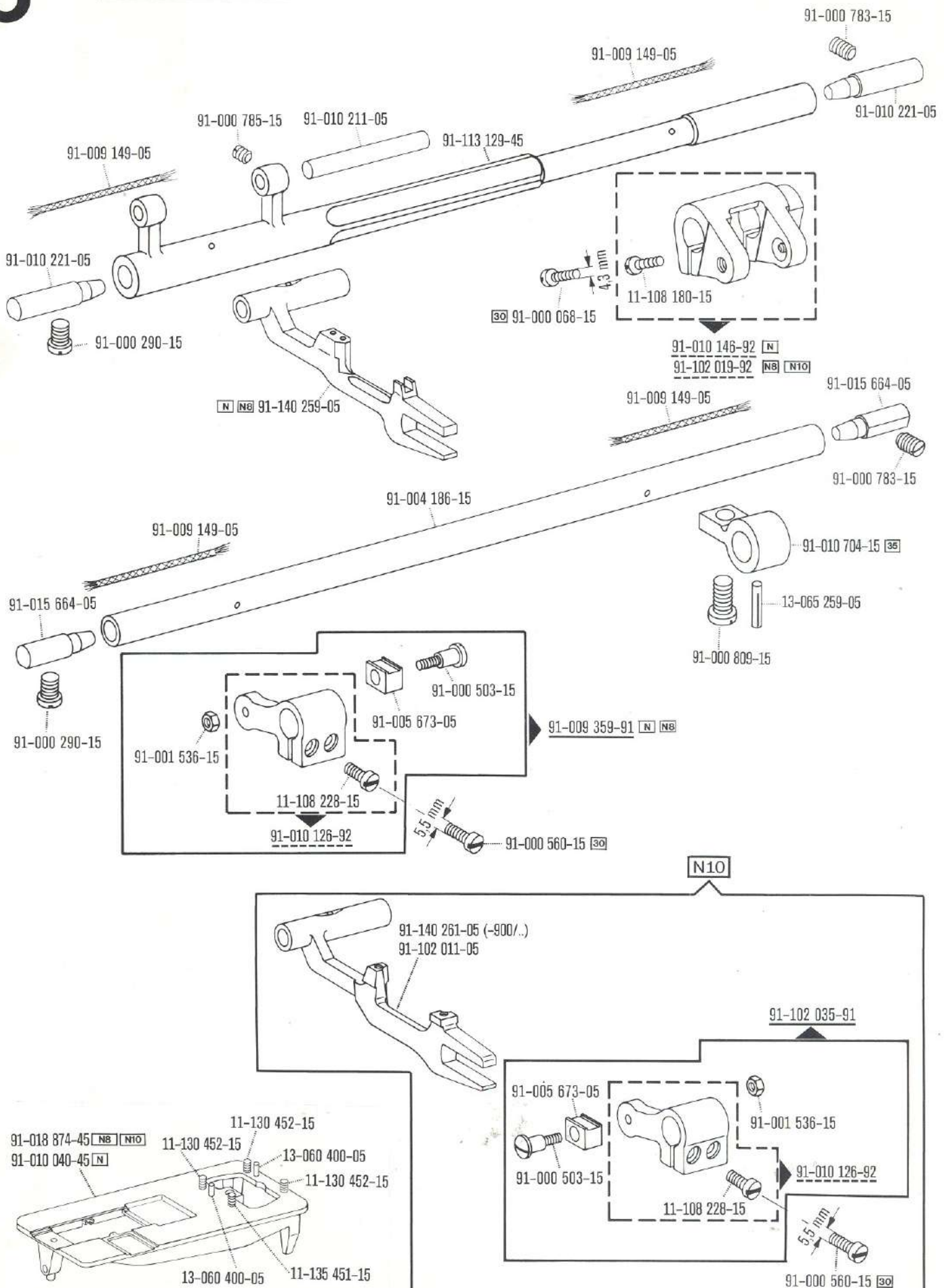


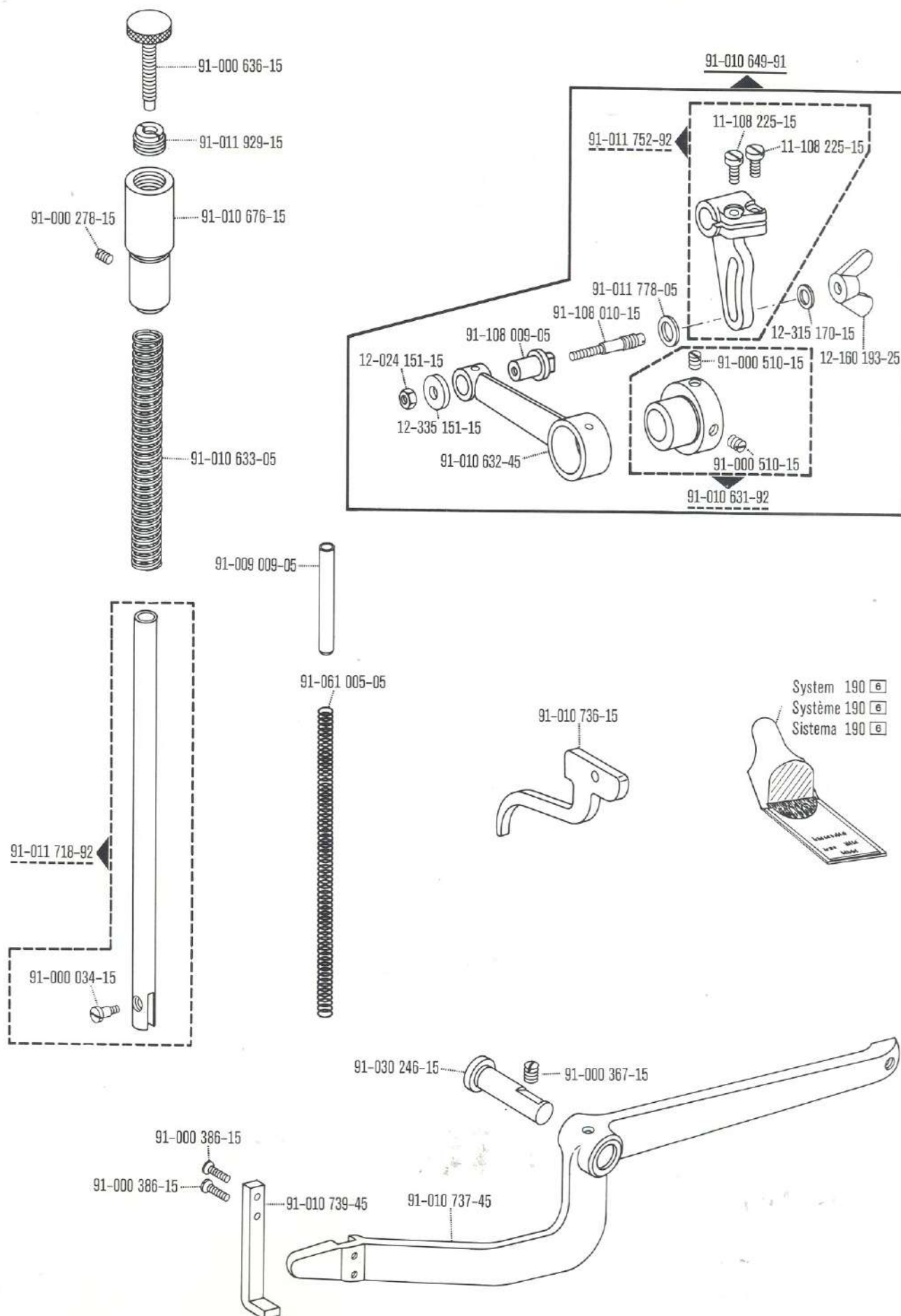


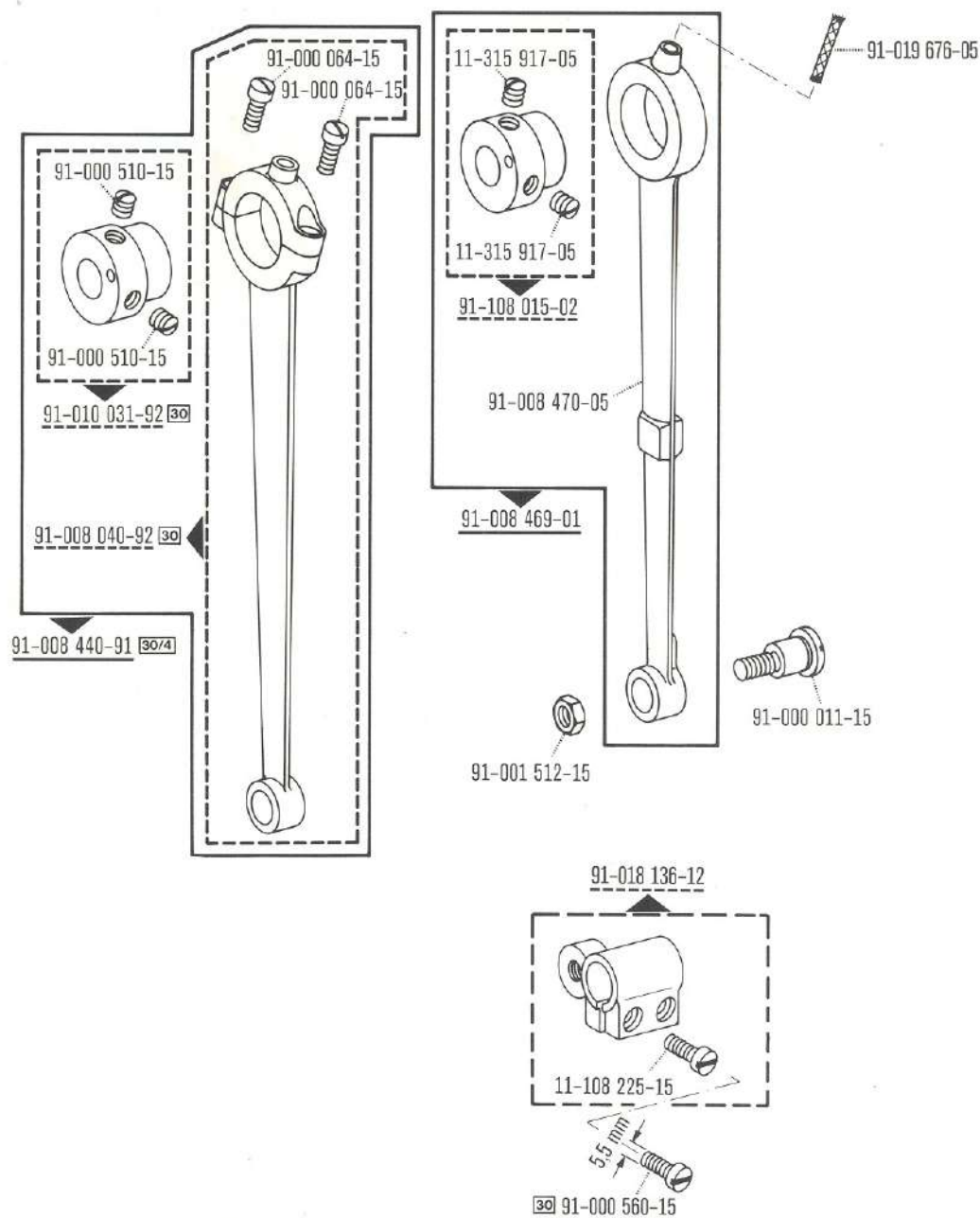


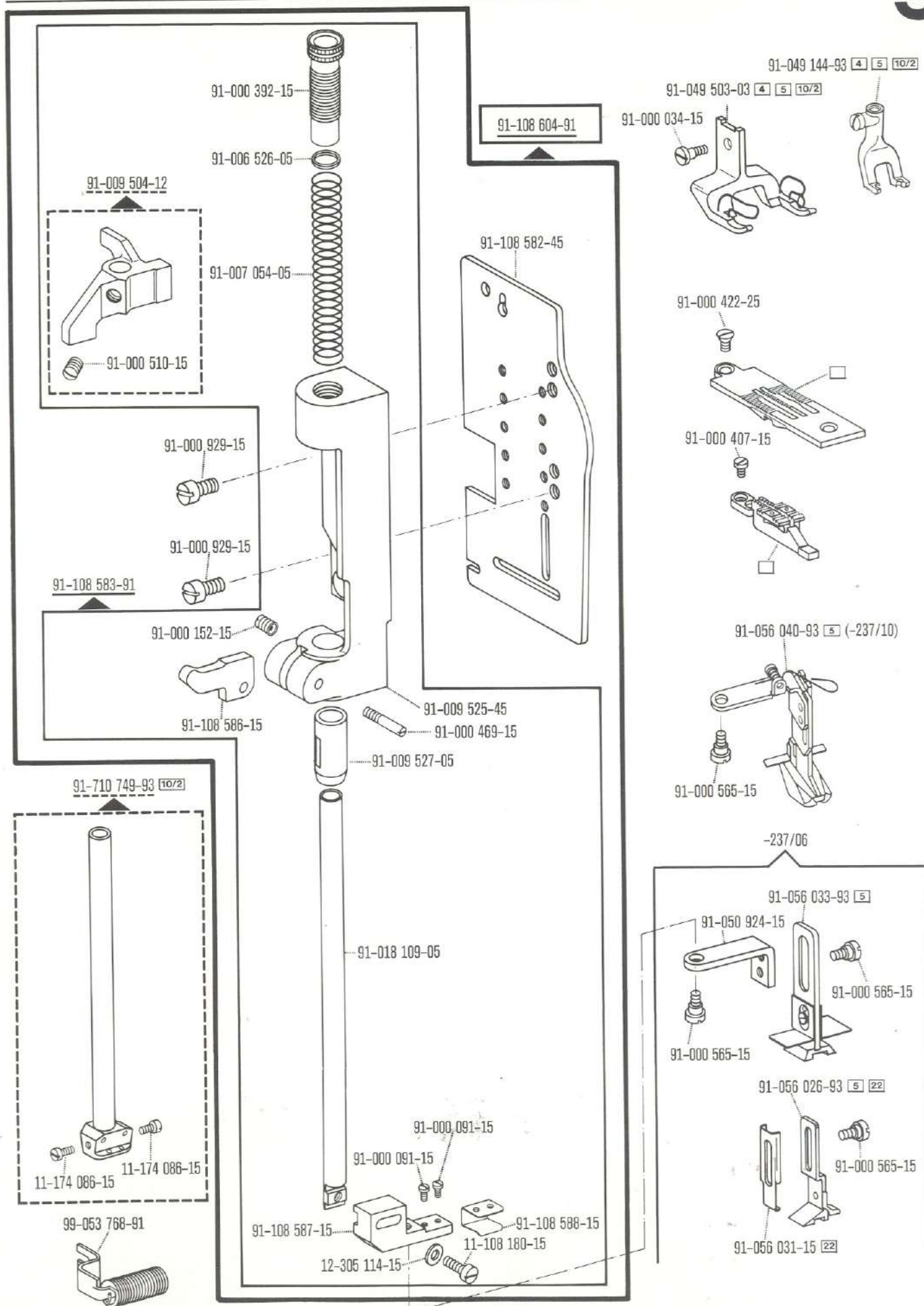


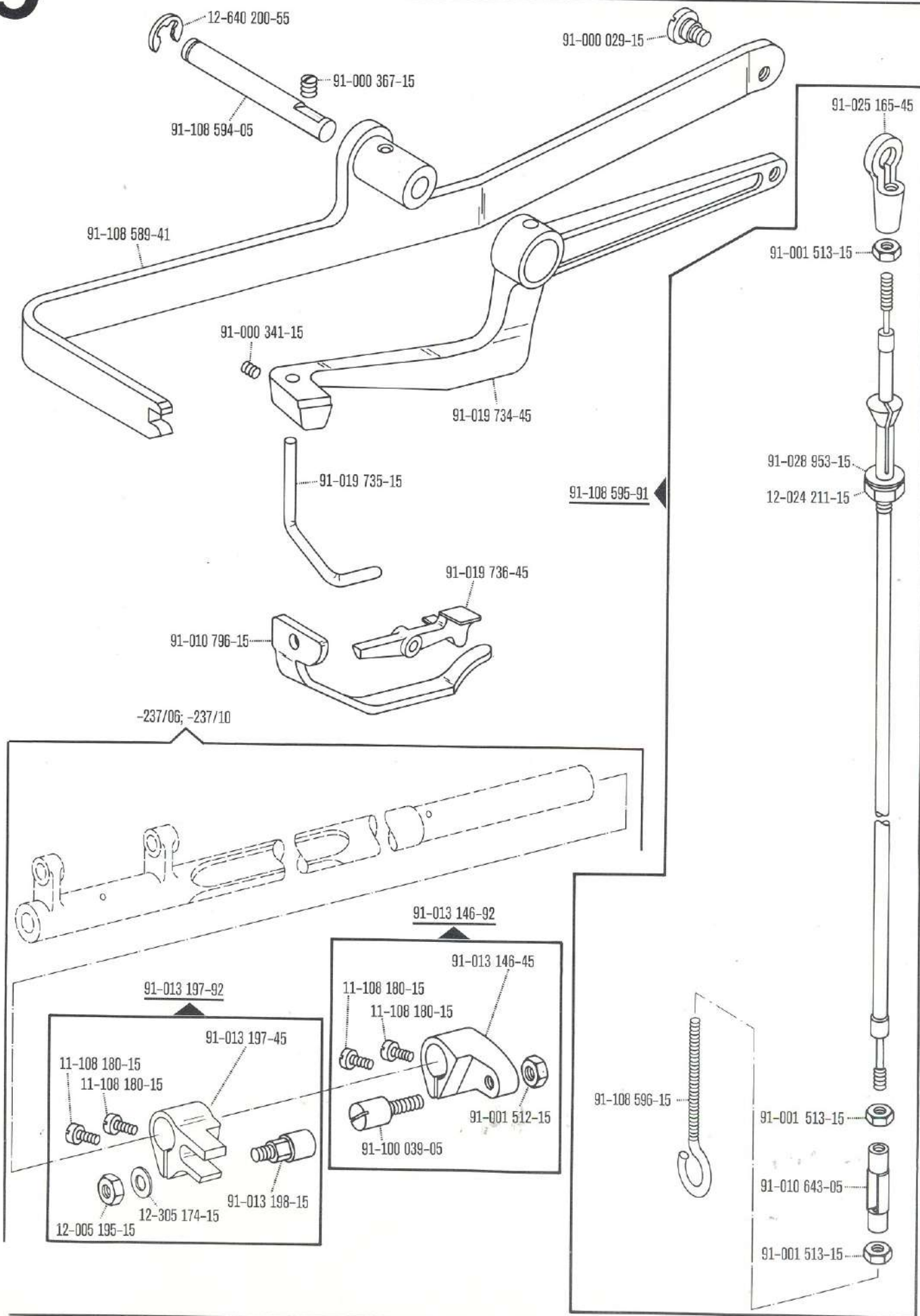


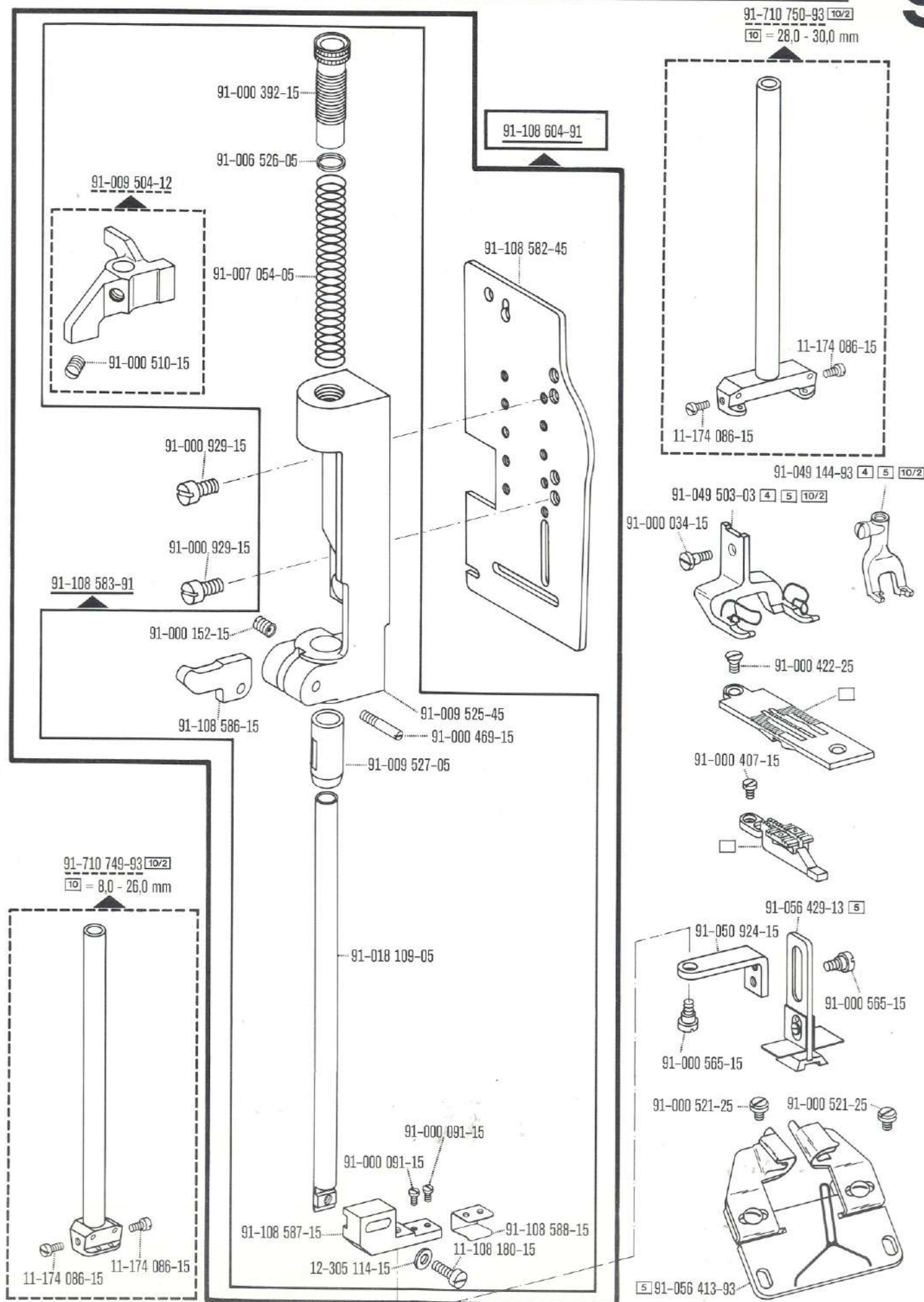


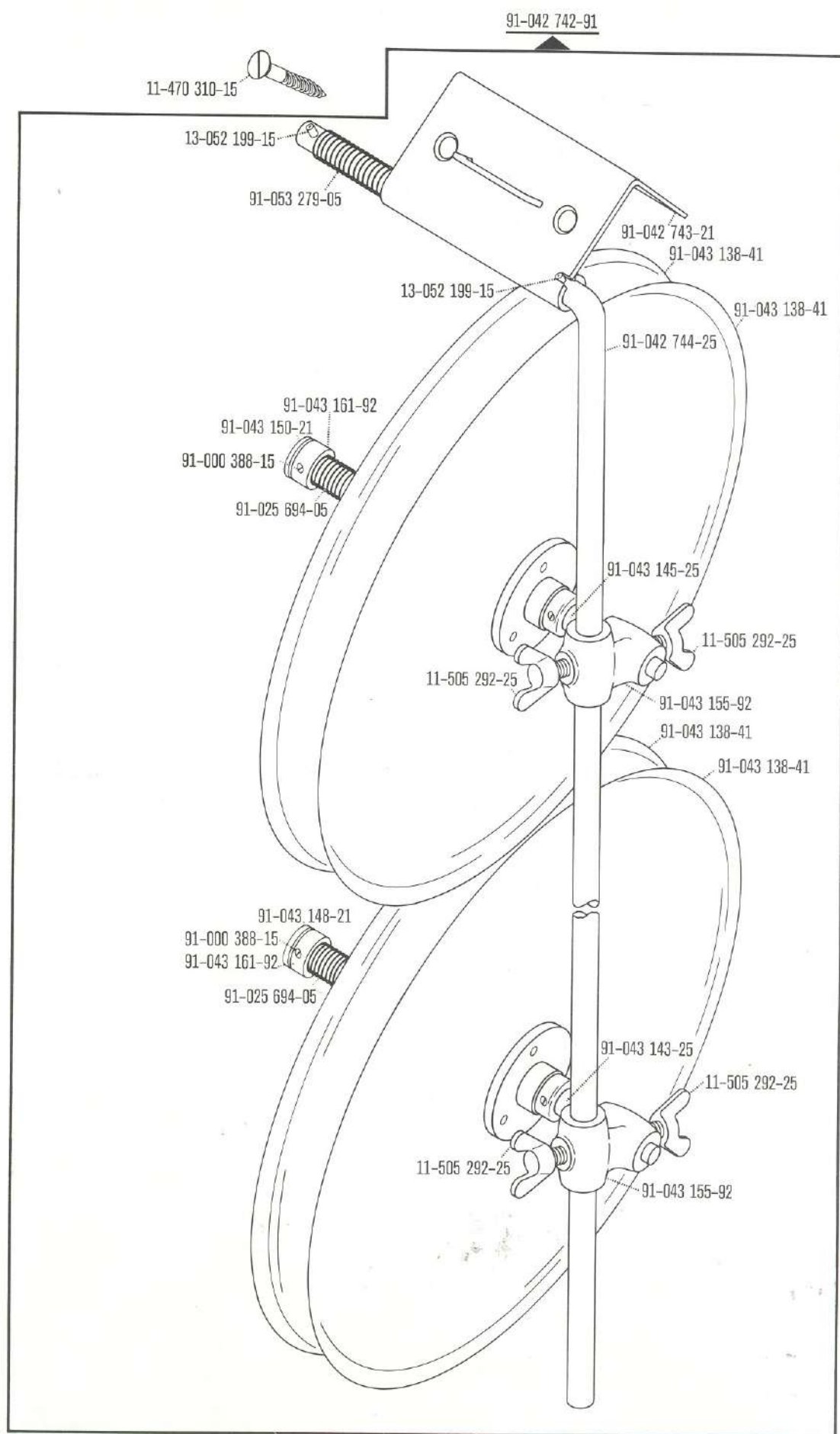


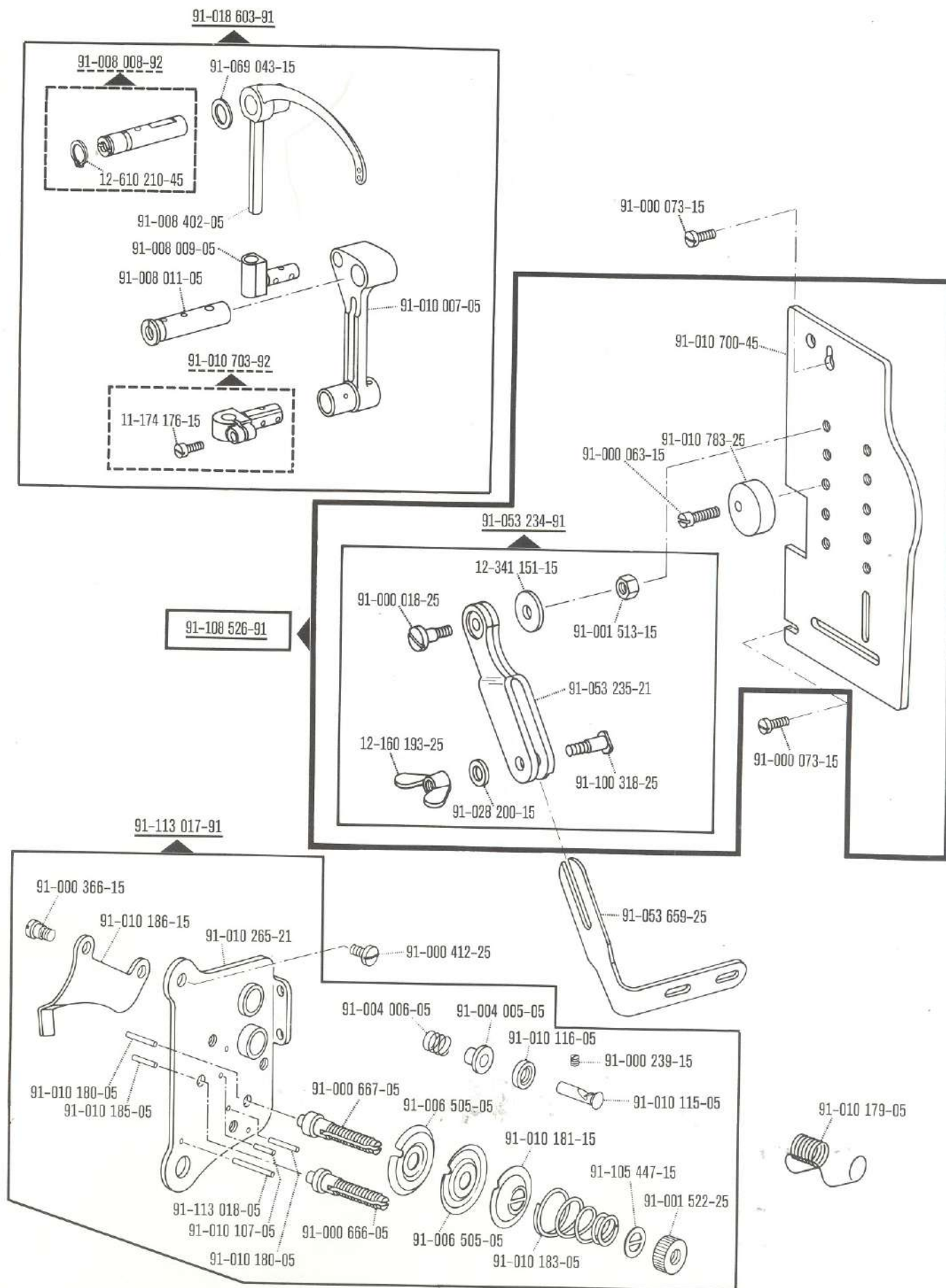


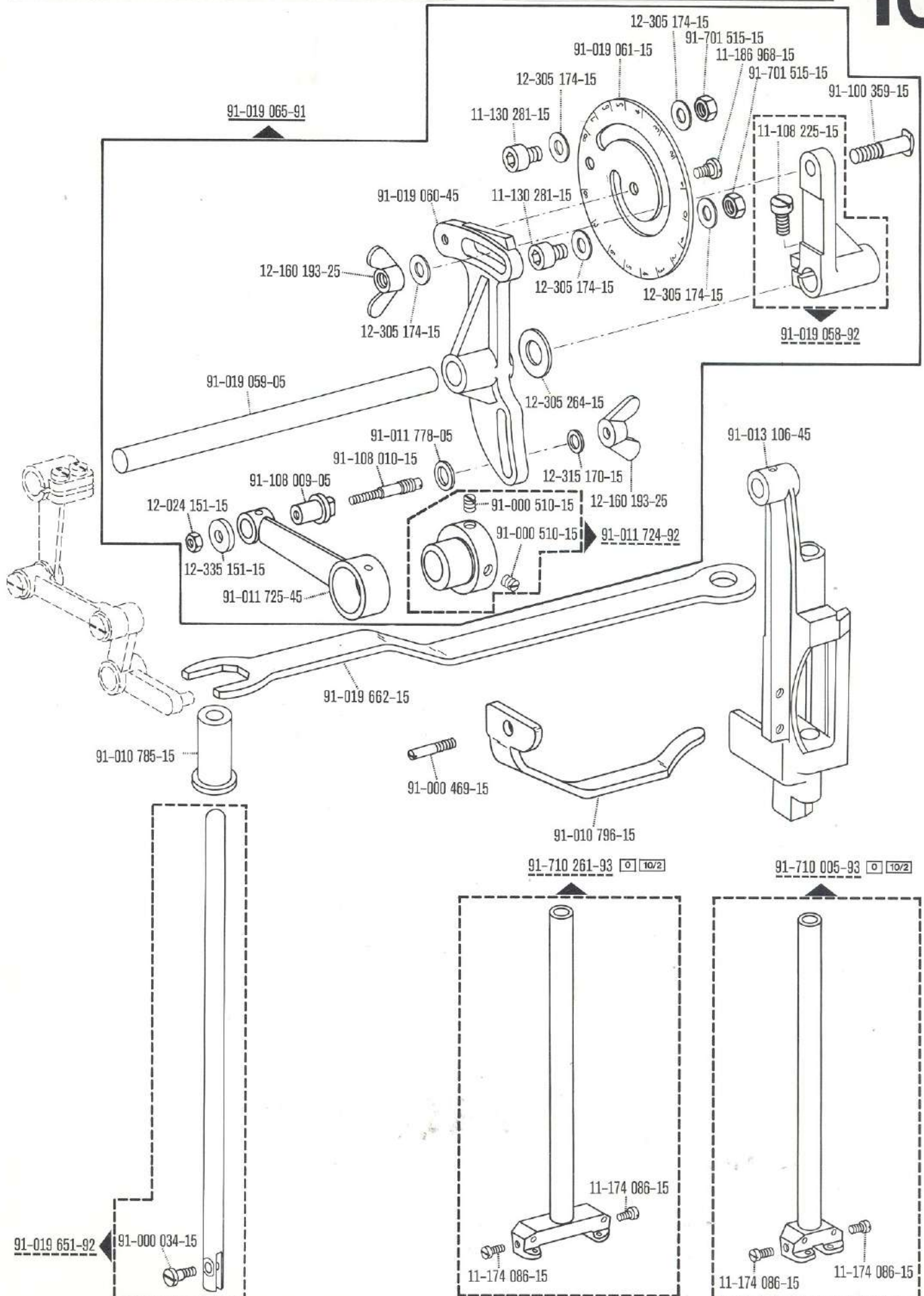




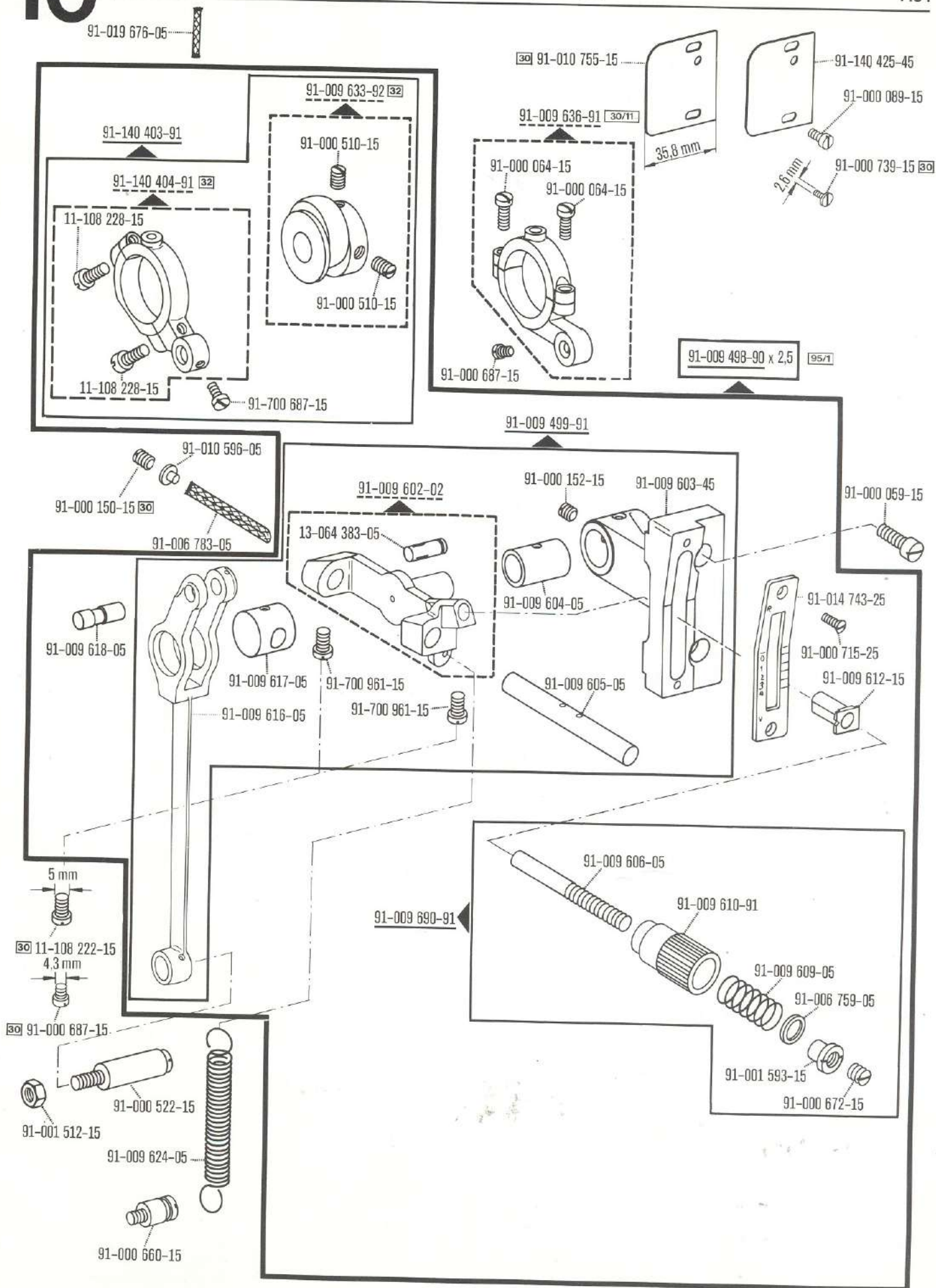


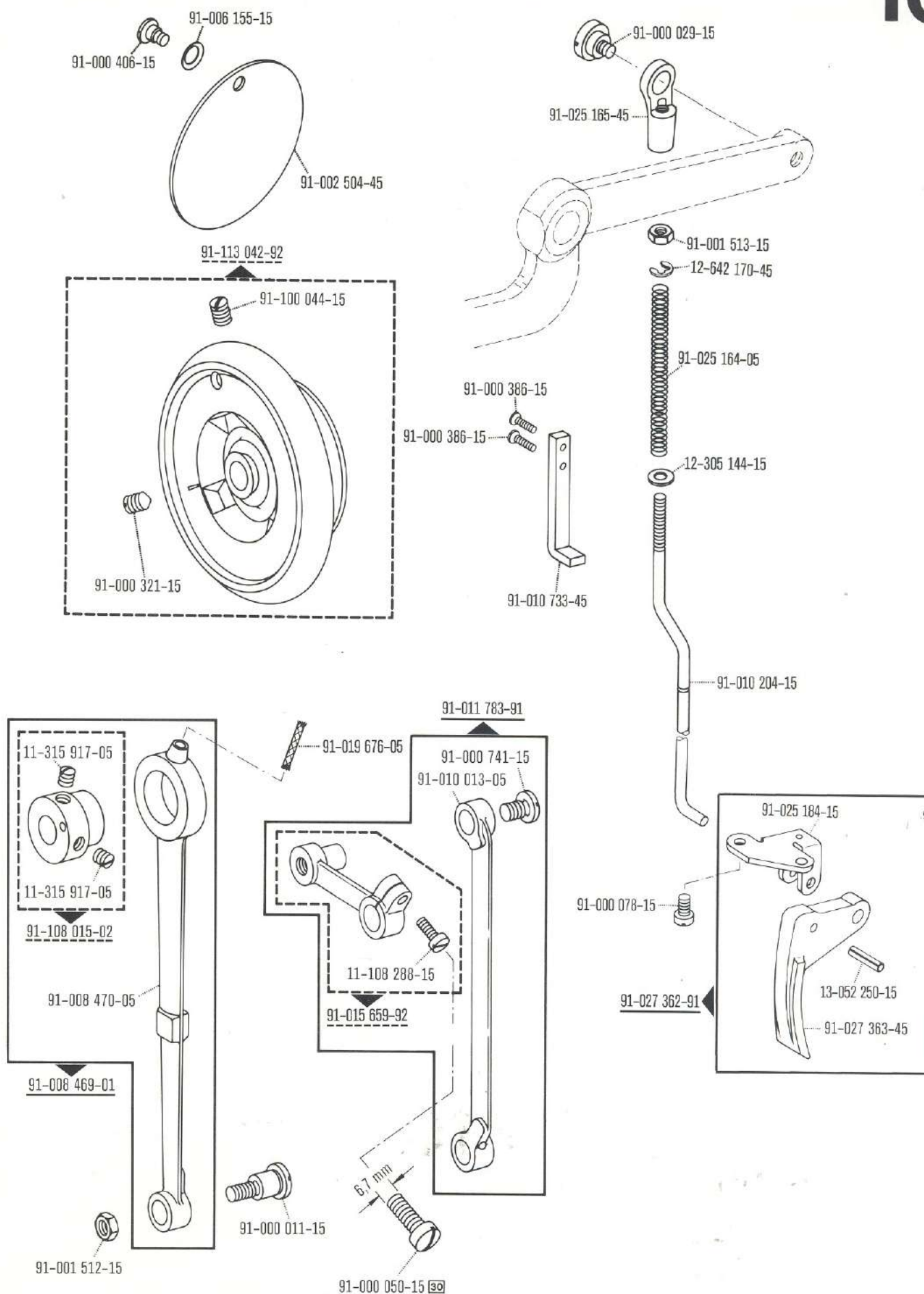


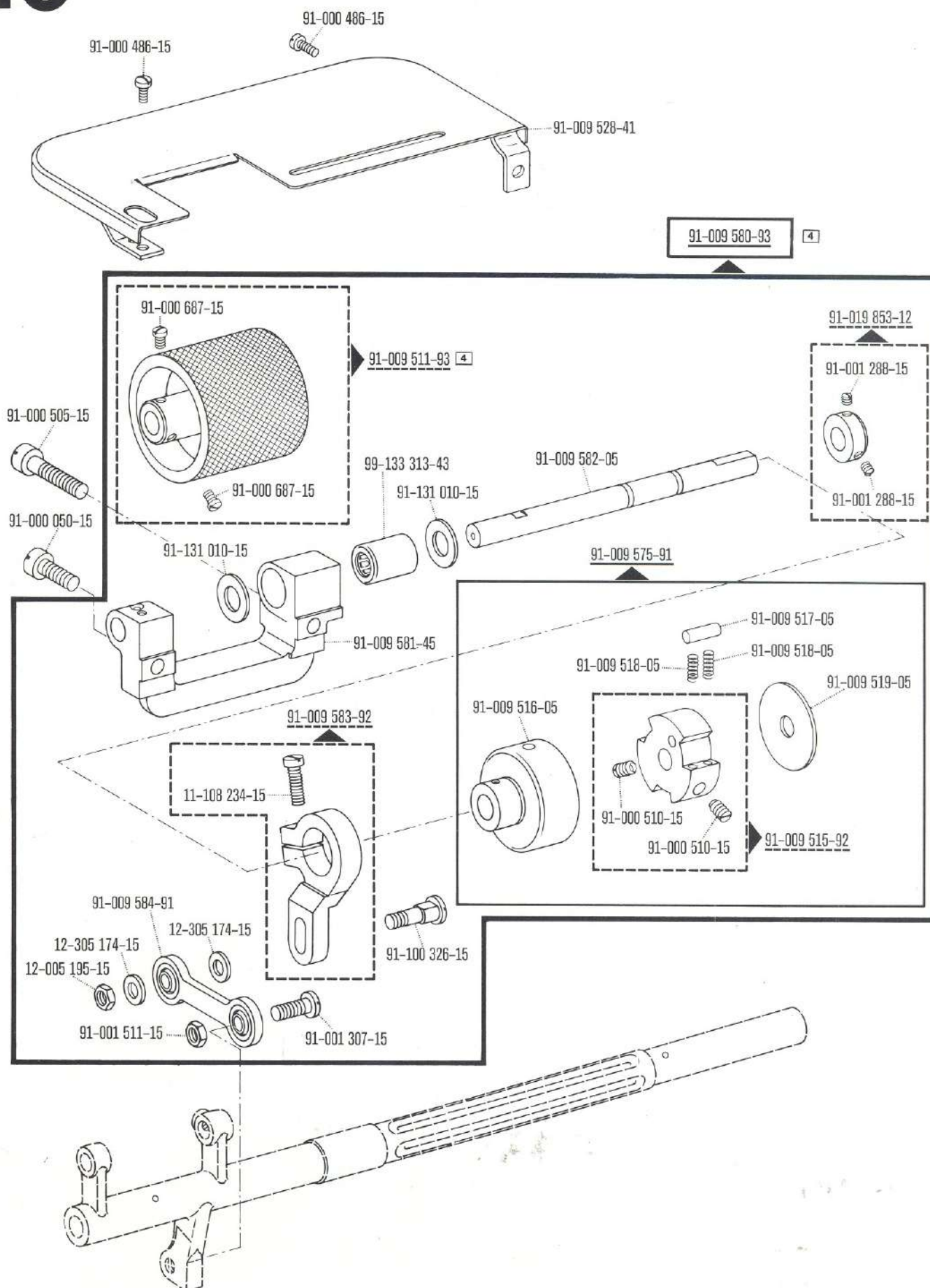


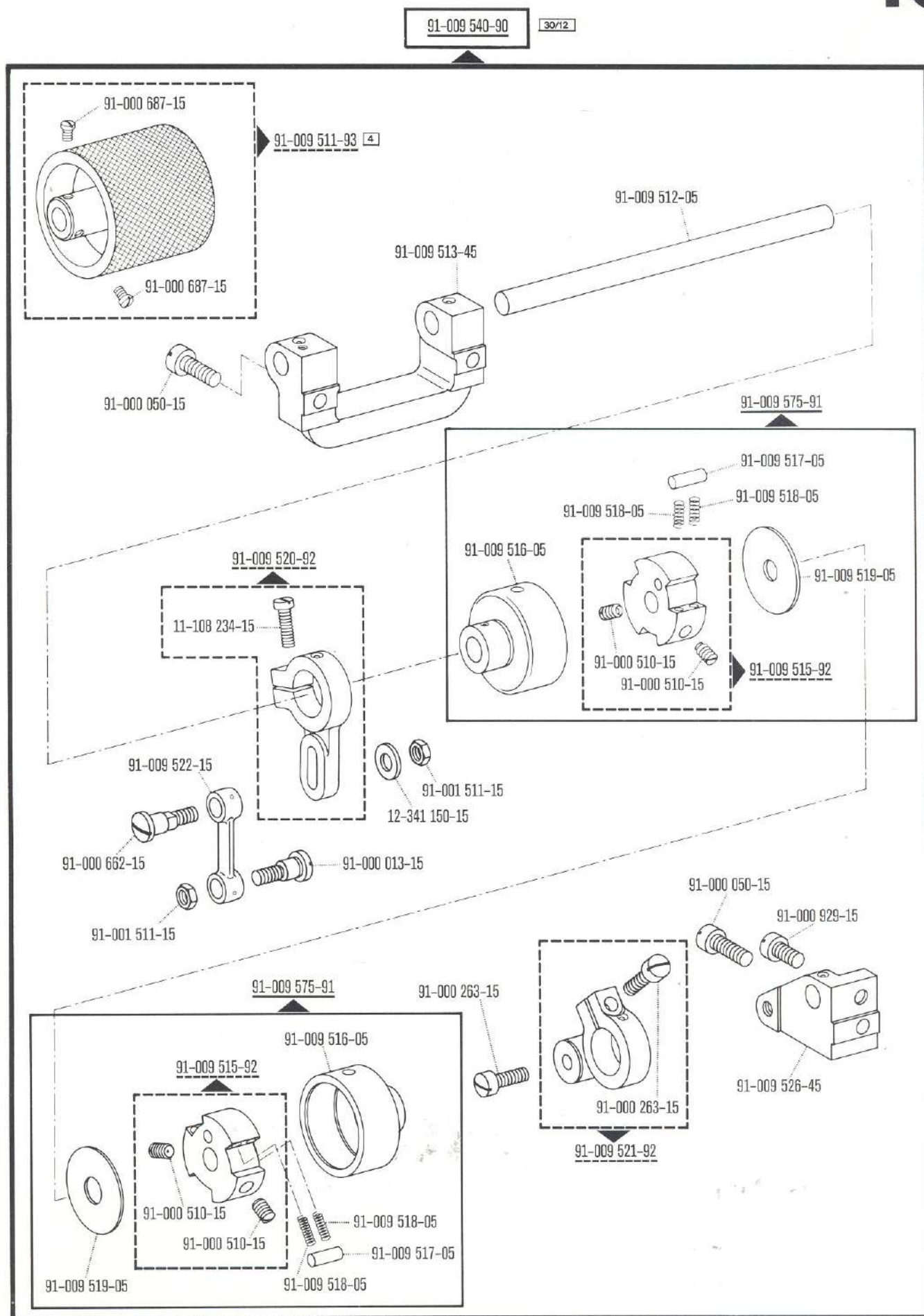


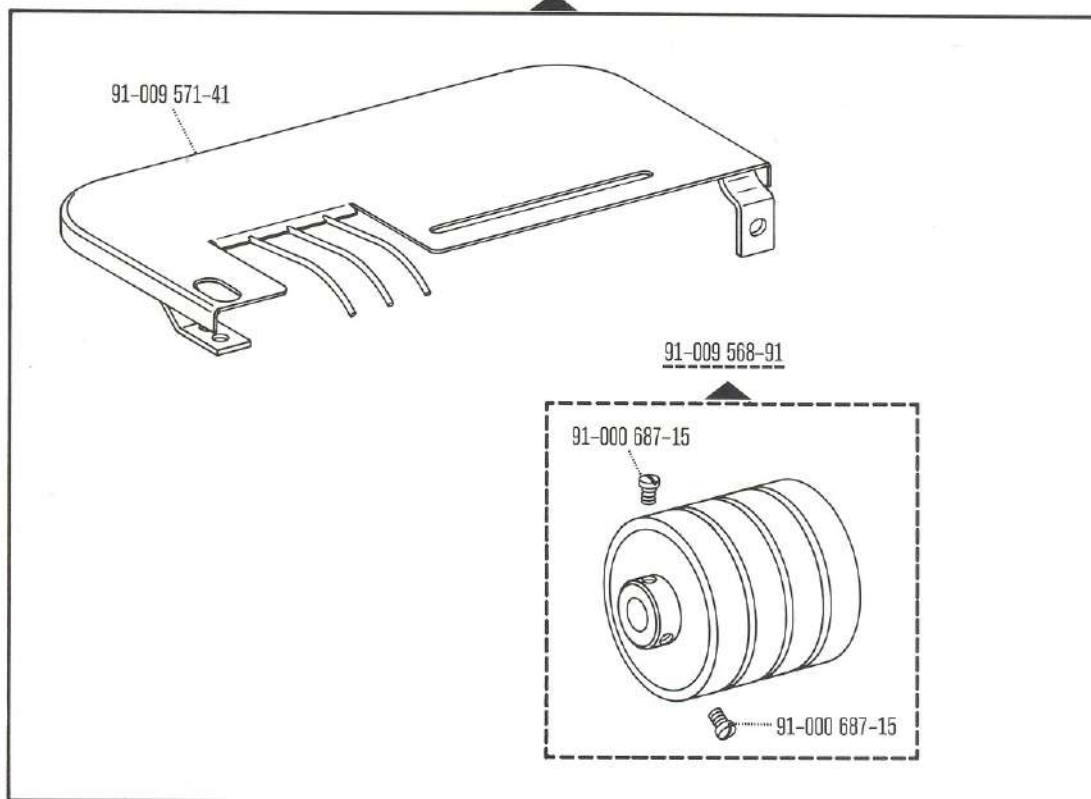
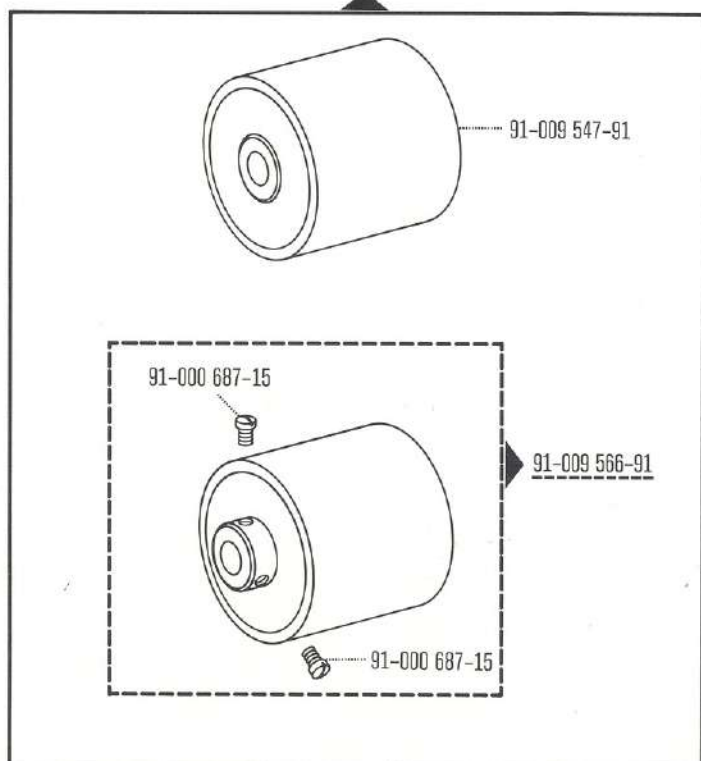
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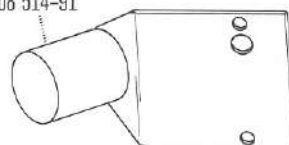






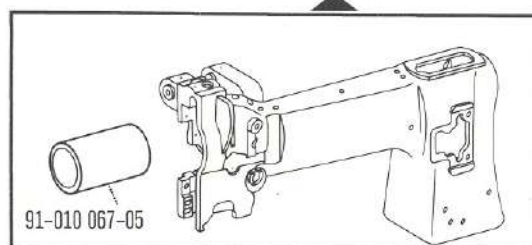
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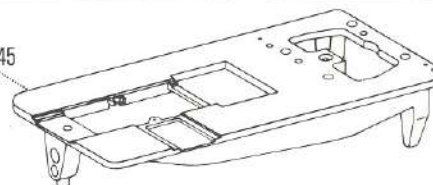


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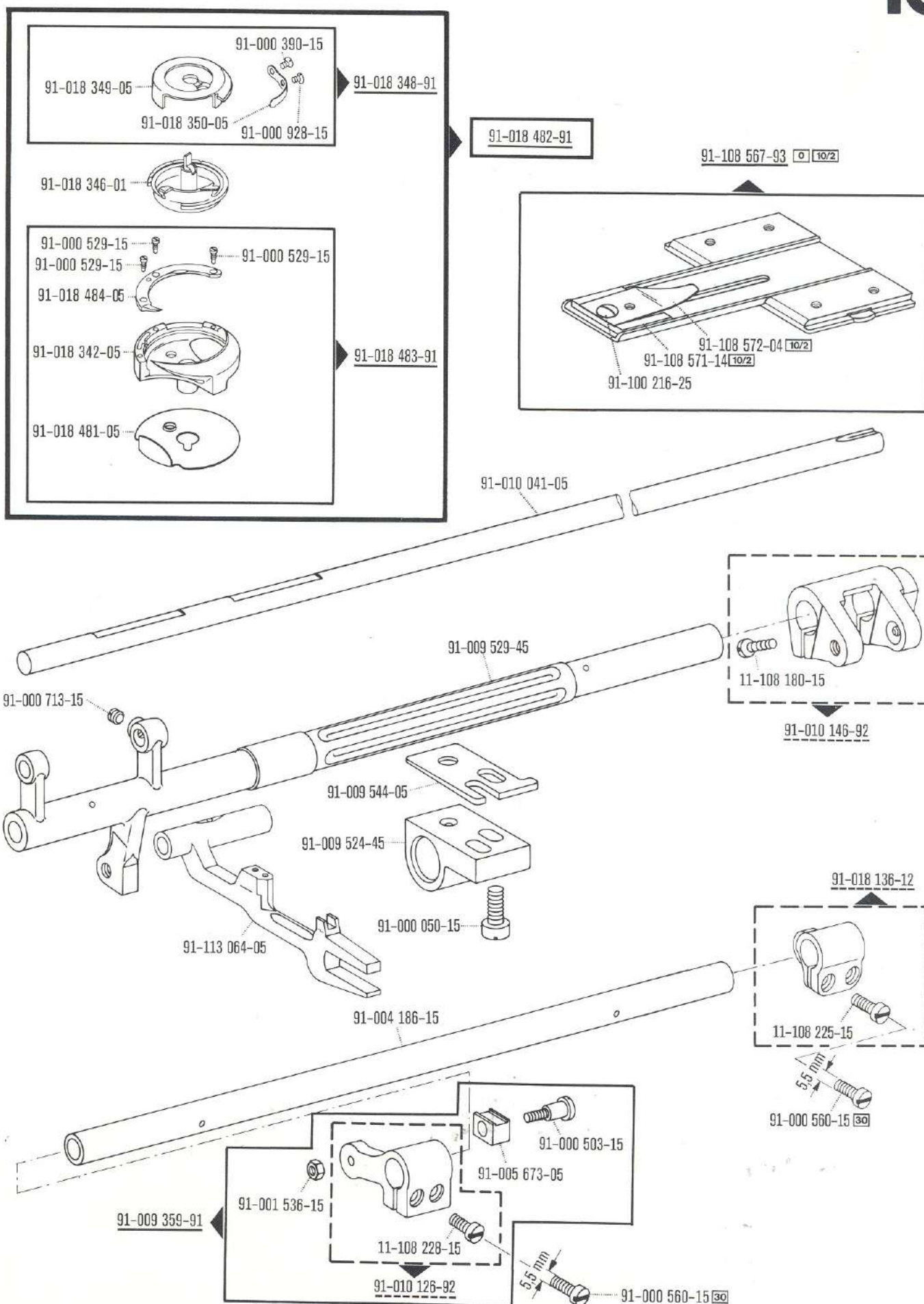


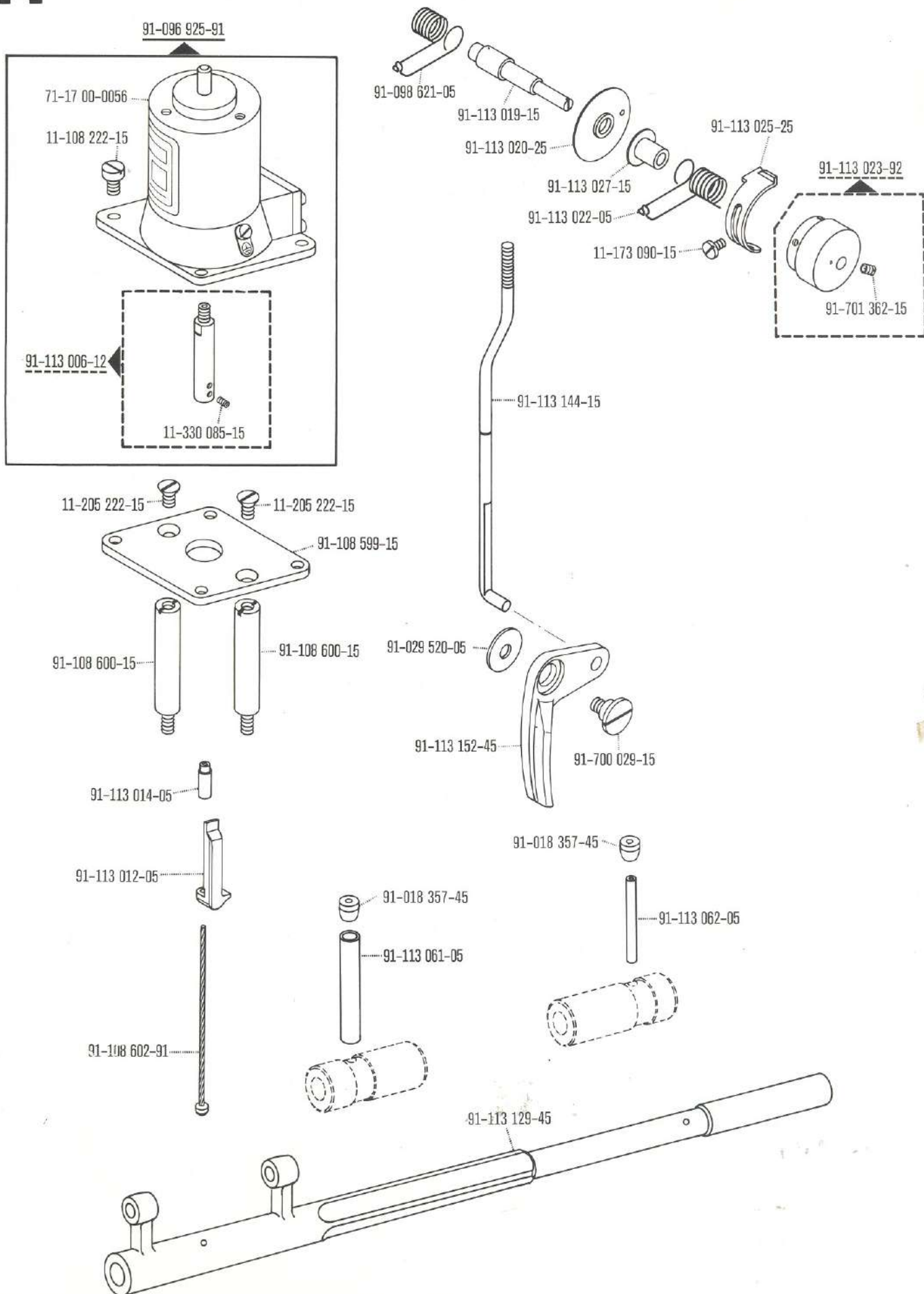
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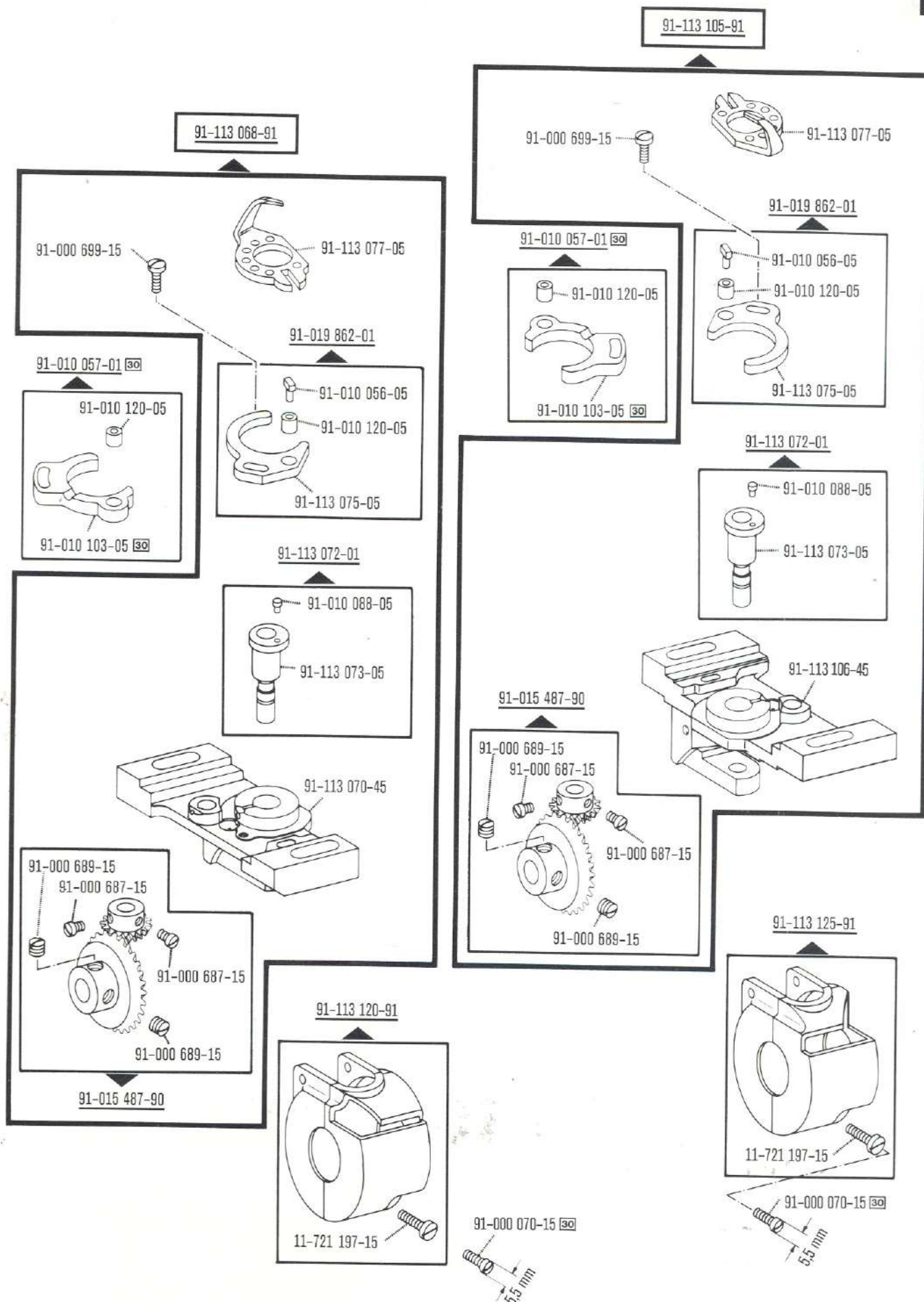


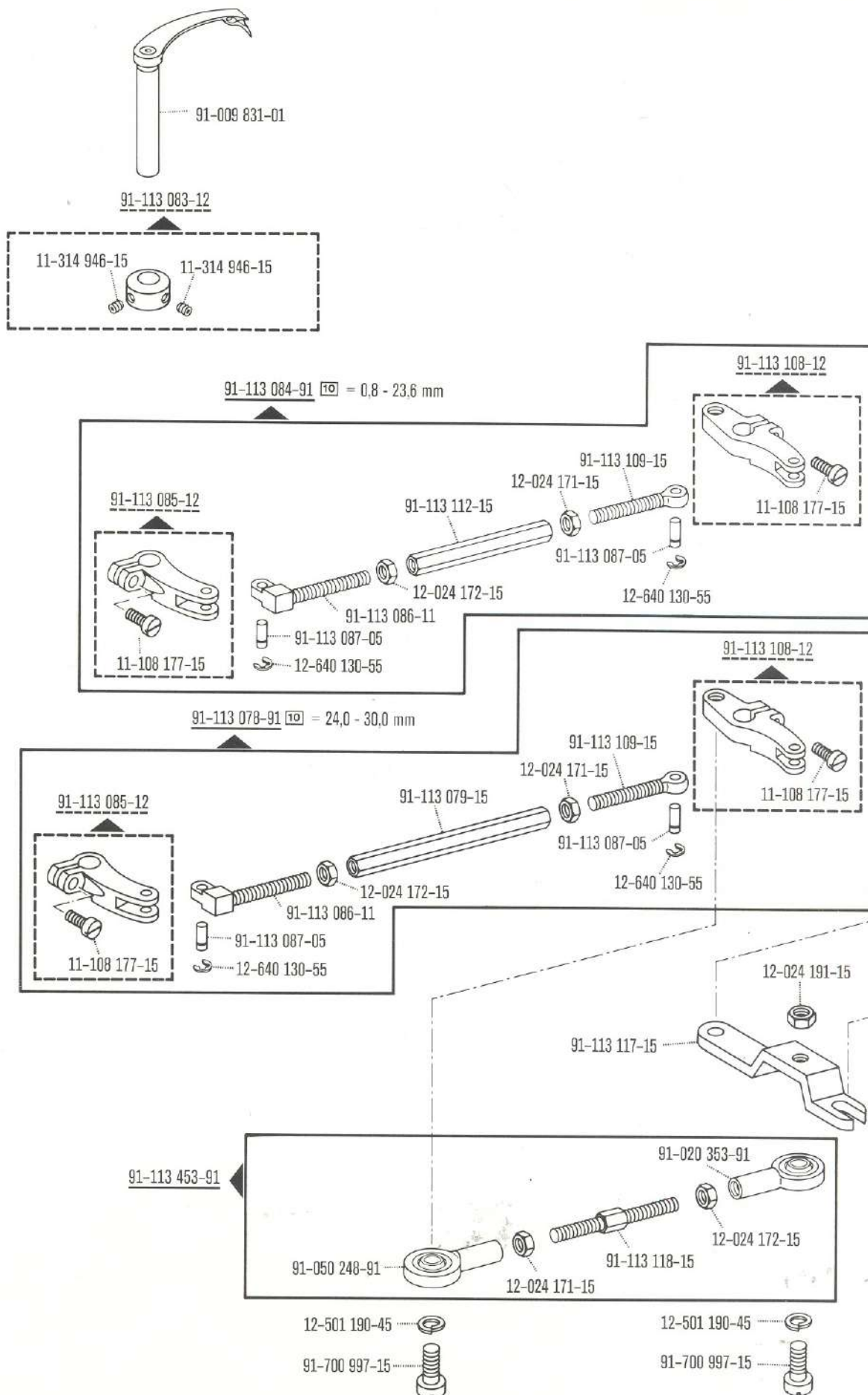
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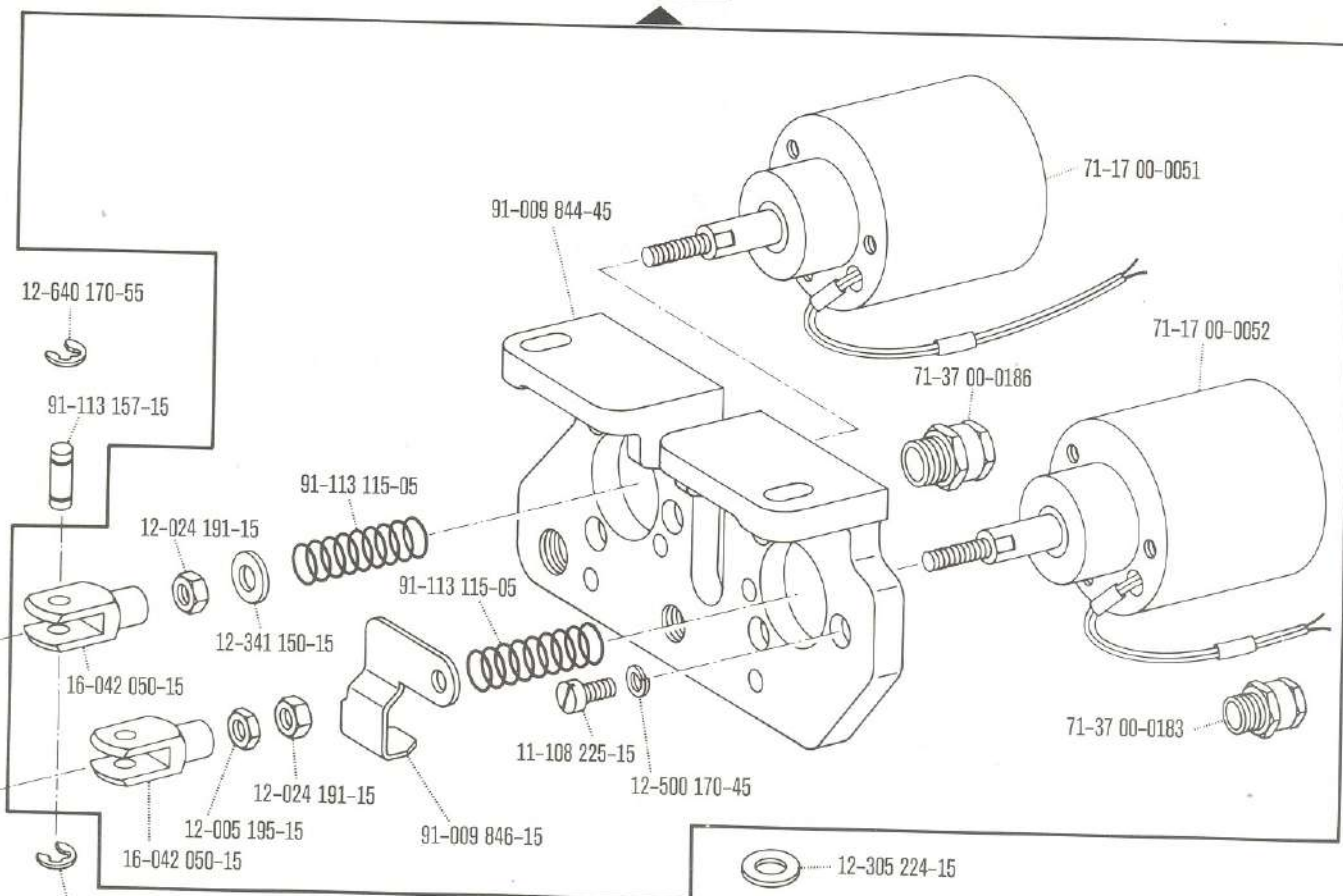




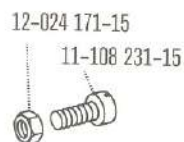
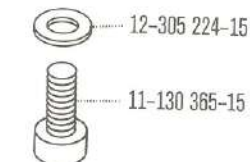
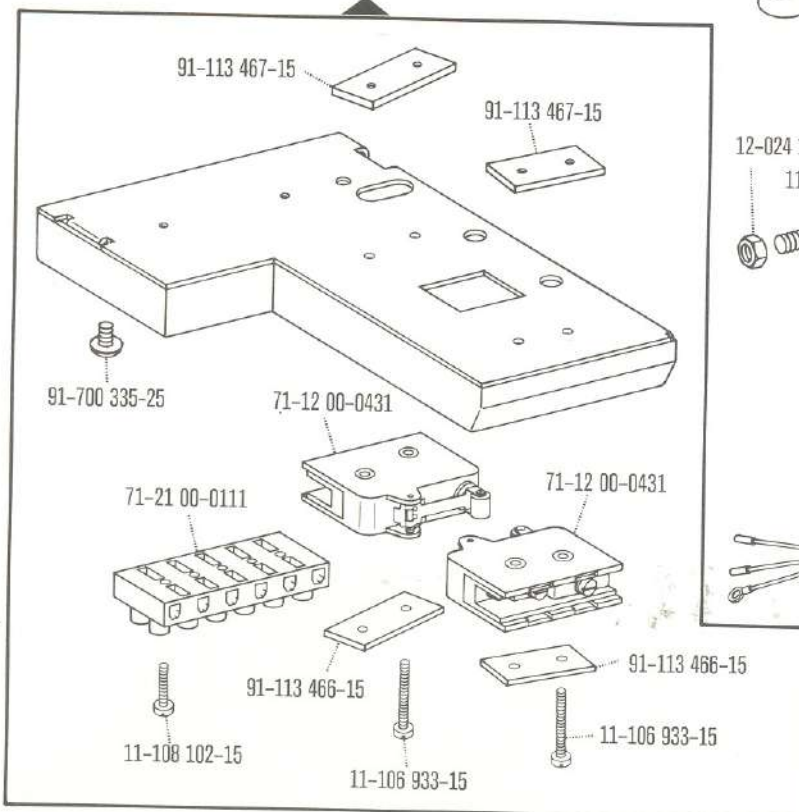


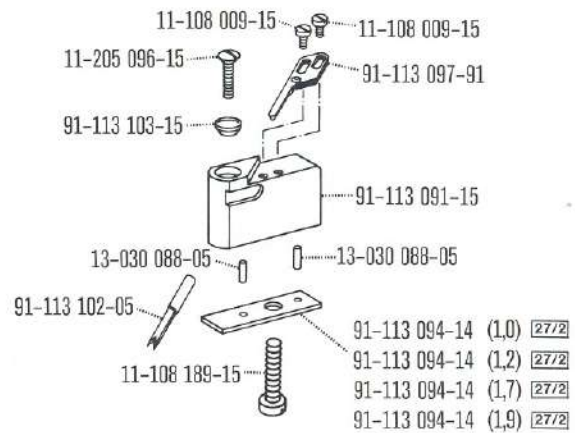
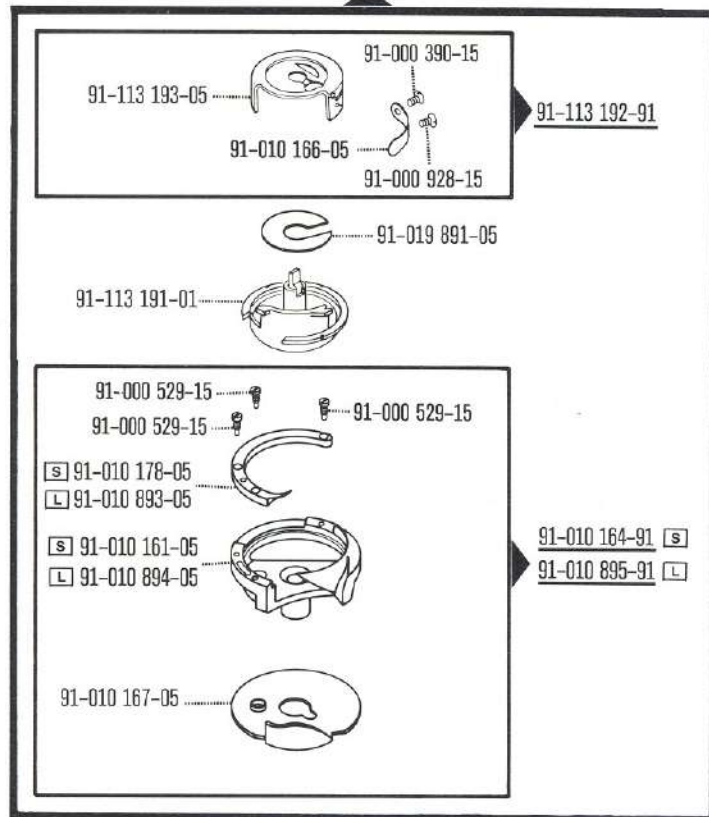
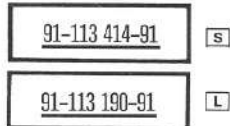
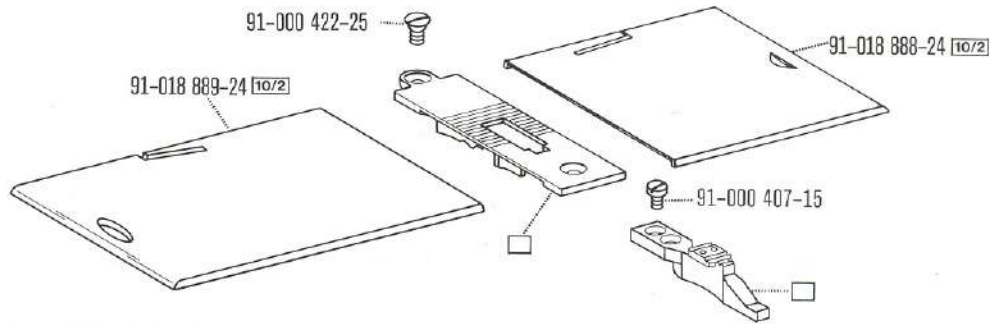


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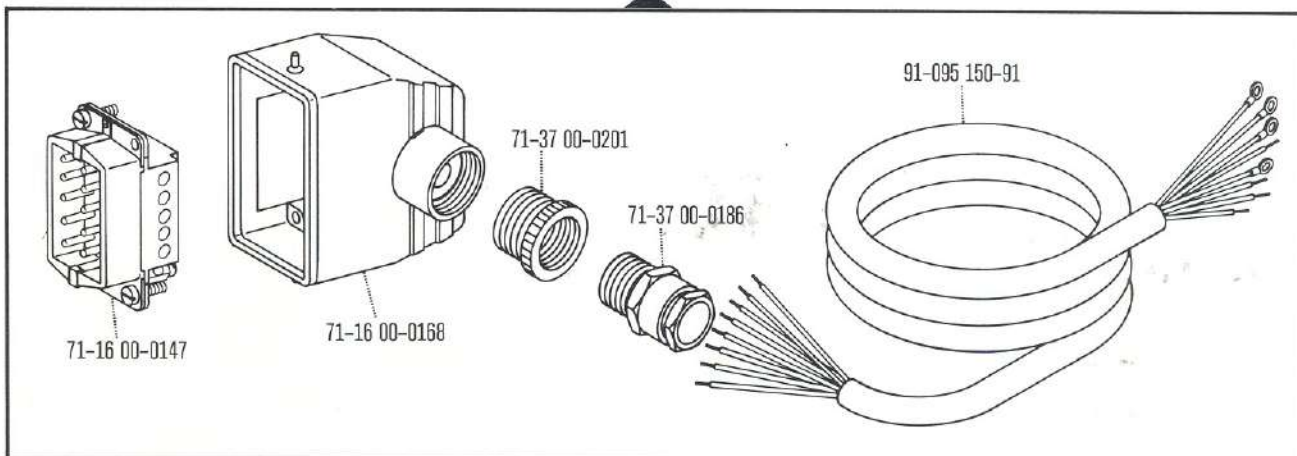


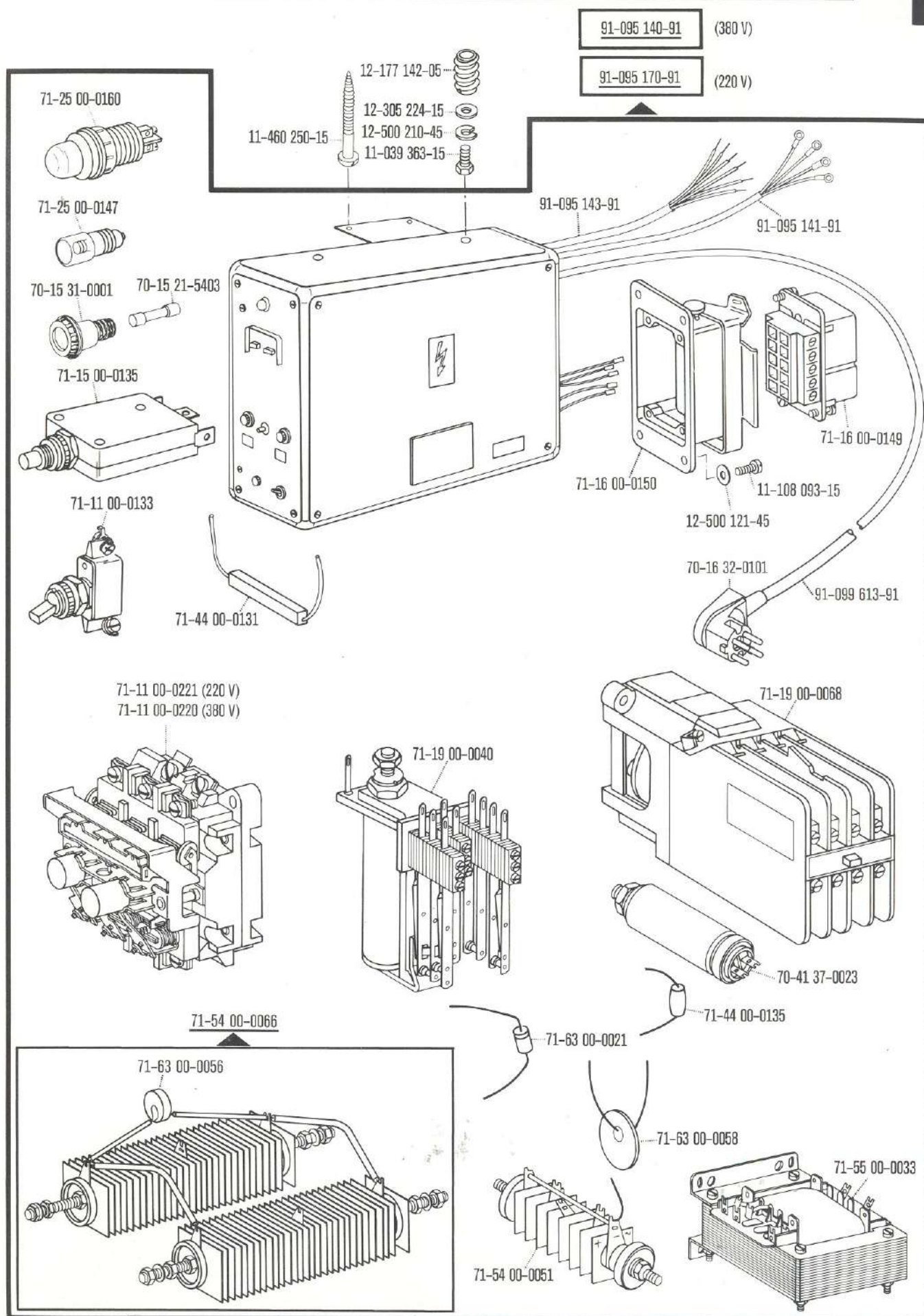
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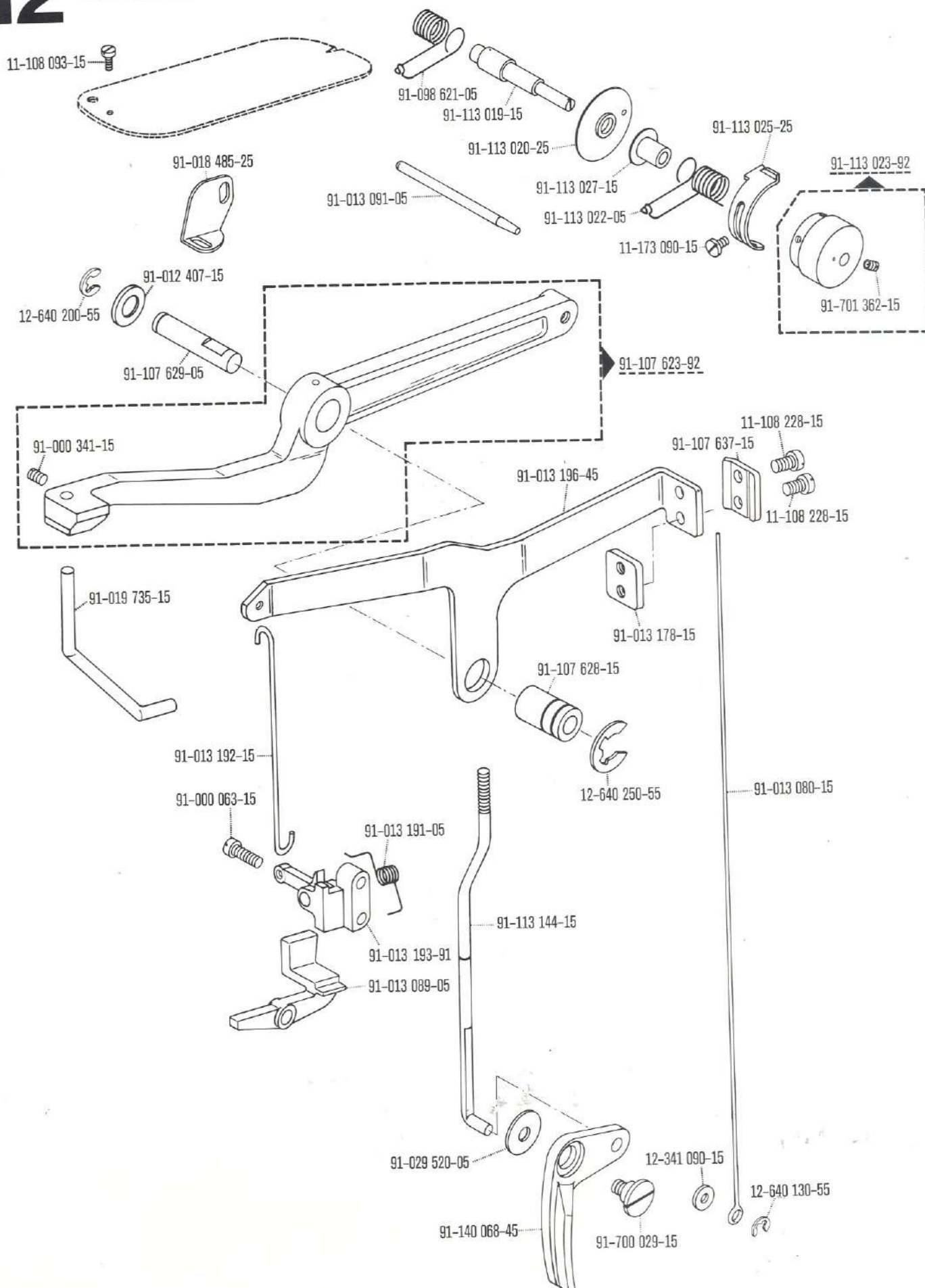


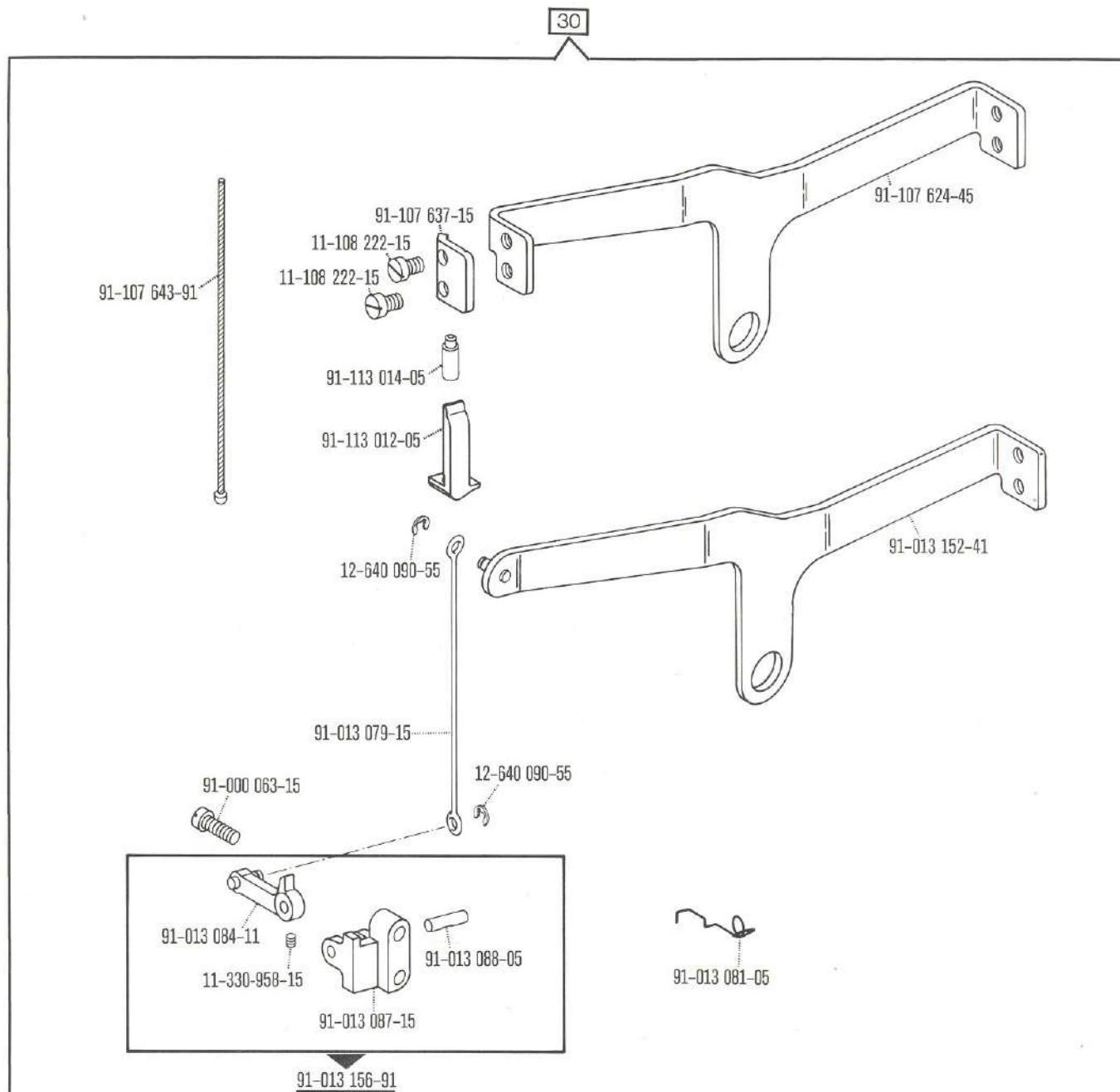


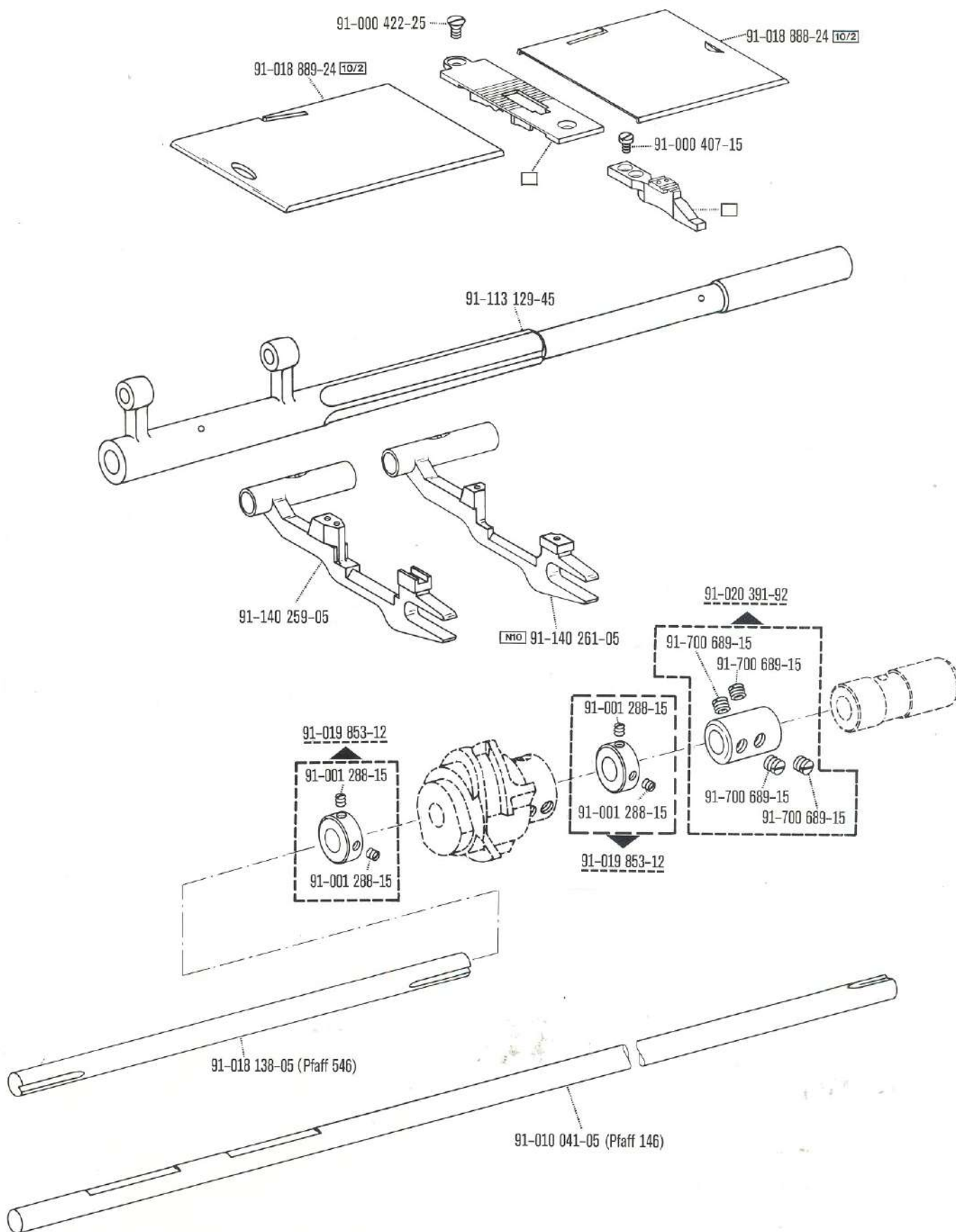
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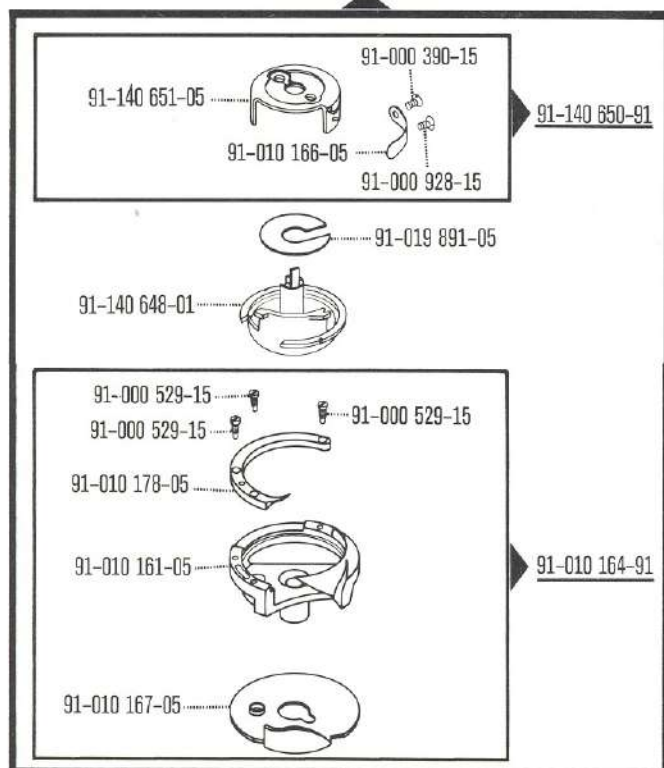






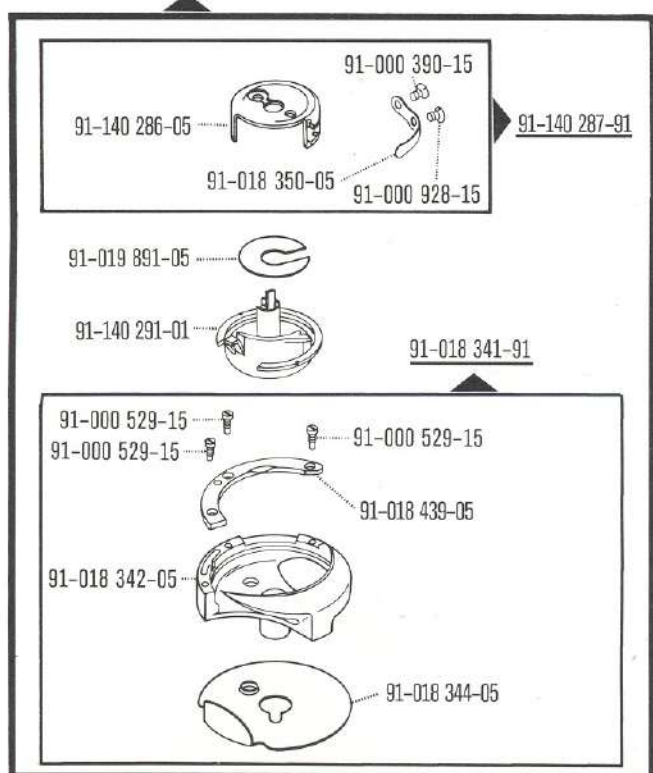
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■ (Pfaff 146)

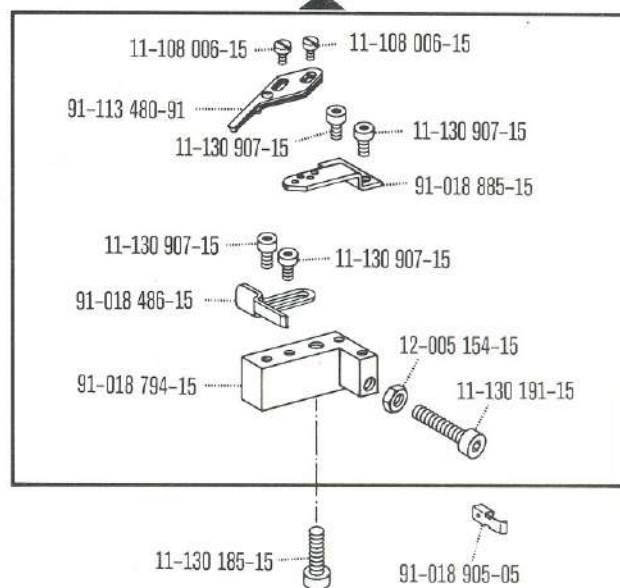


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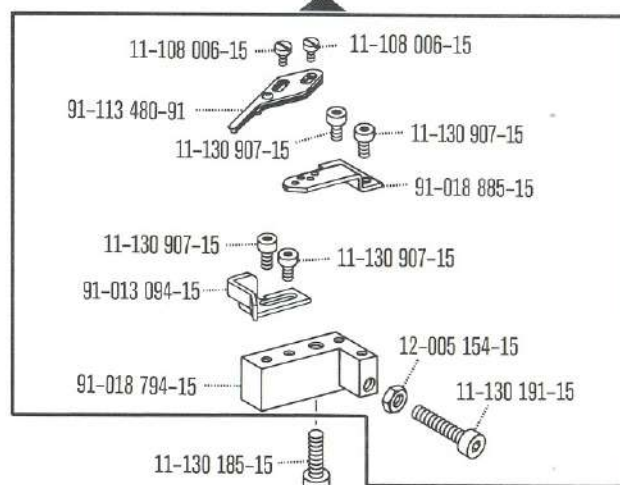
■ (Pfaff 546)



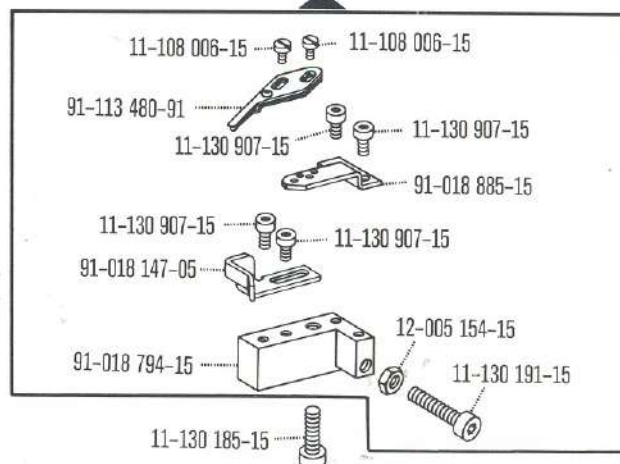
91-018 793-91 (-900/11; -900/51)



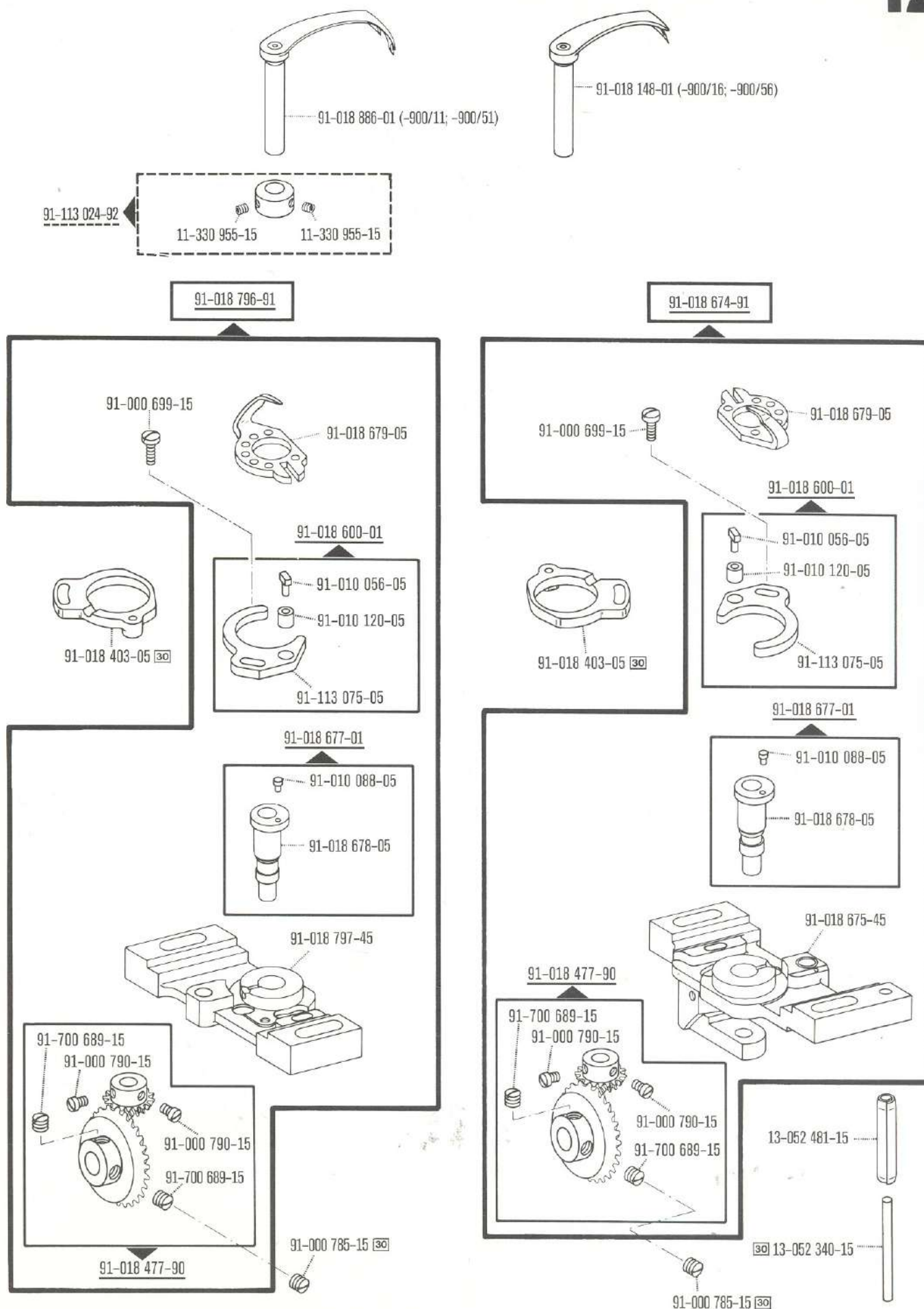
91-013 157-91 (Pfaff 146-900/16; -900/56)



91-018 146-91 (Pfaff 546-900/16; -900/56)

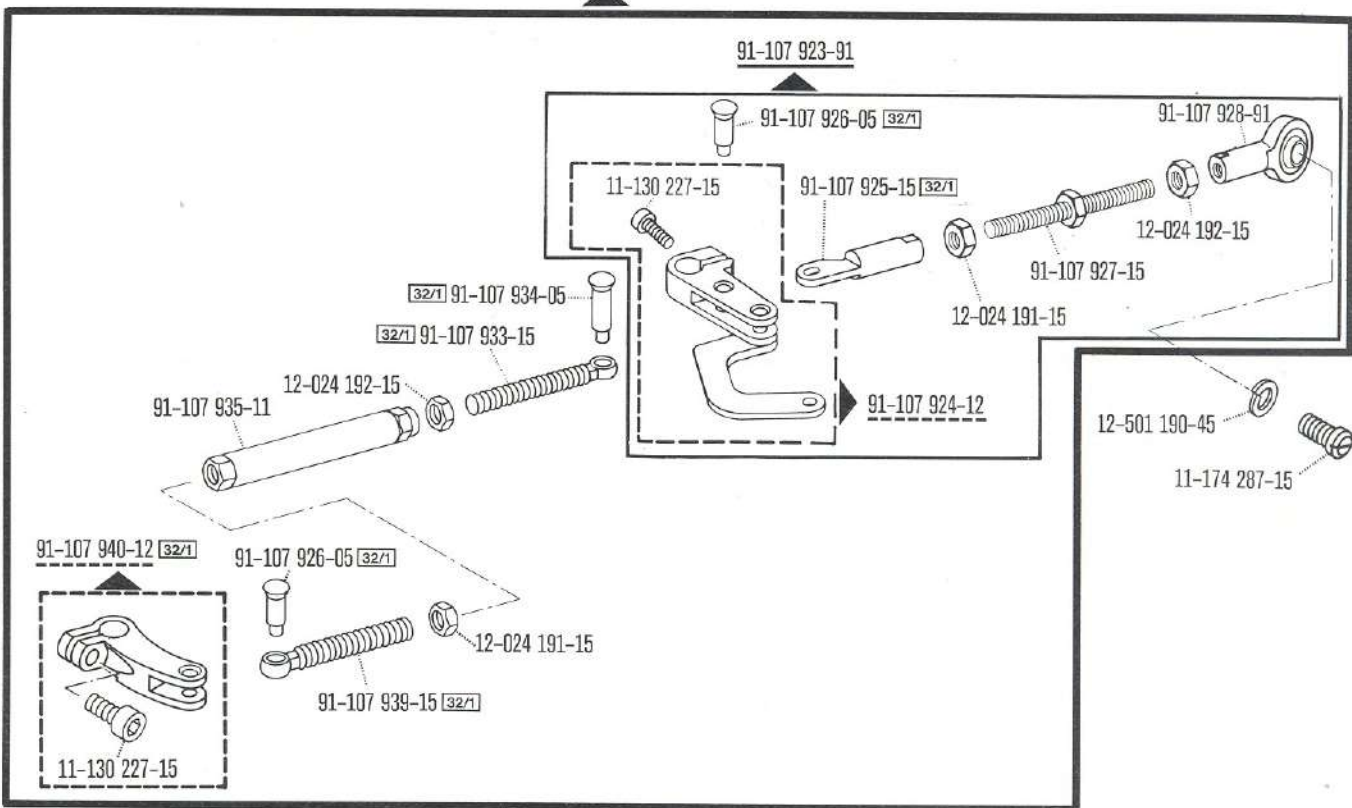






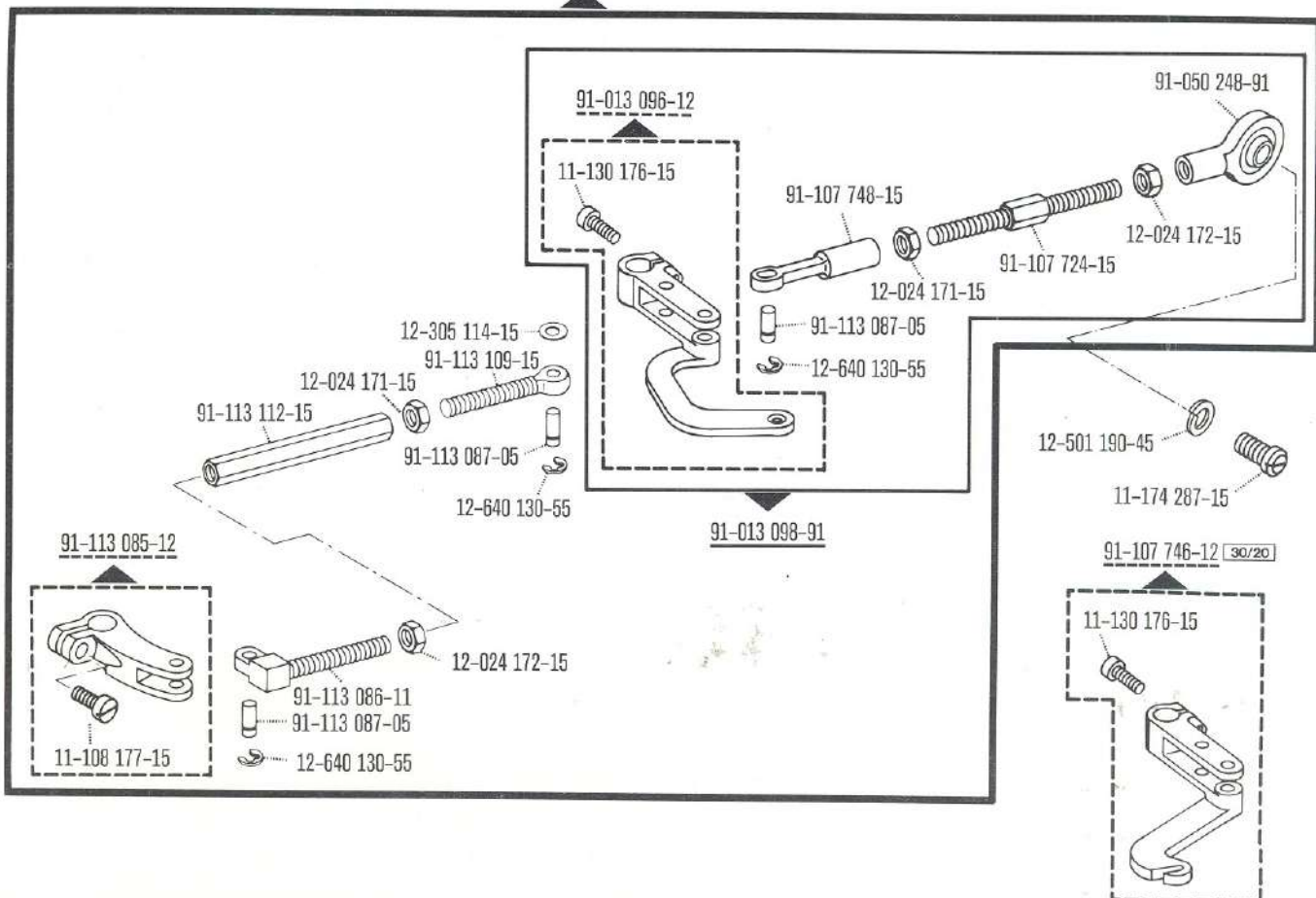
91-107 932-91

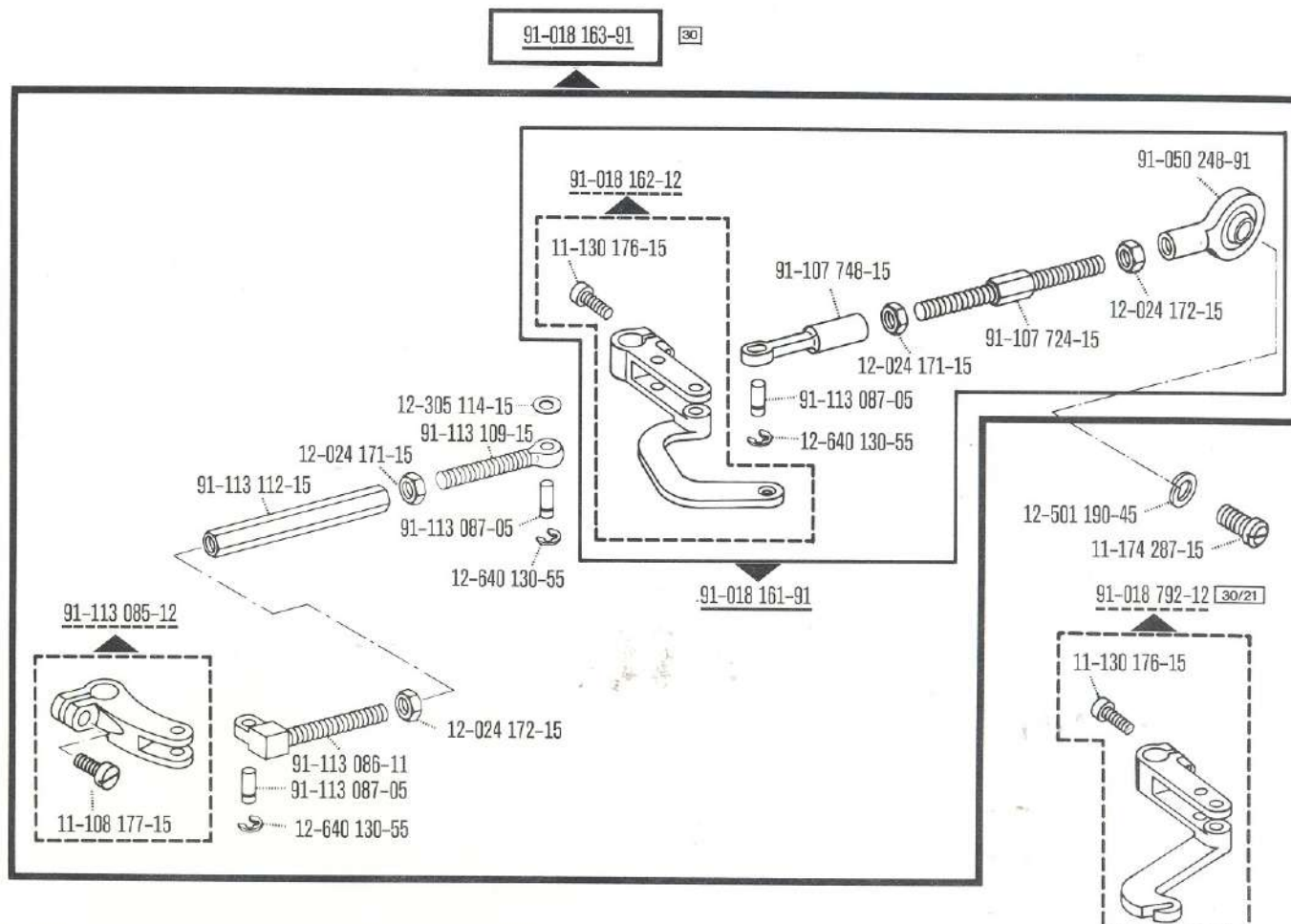
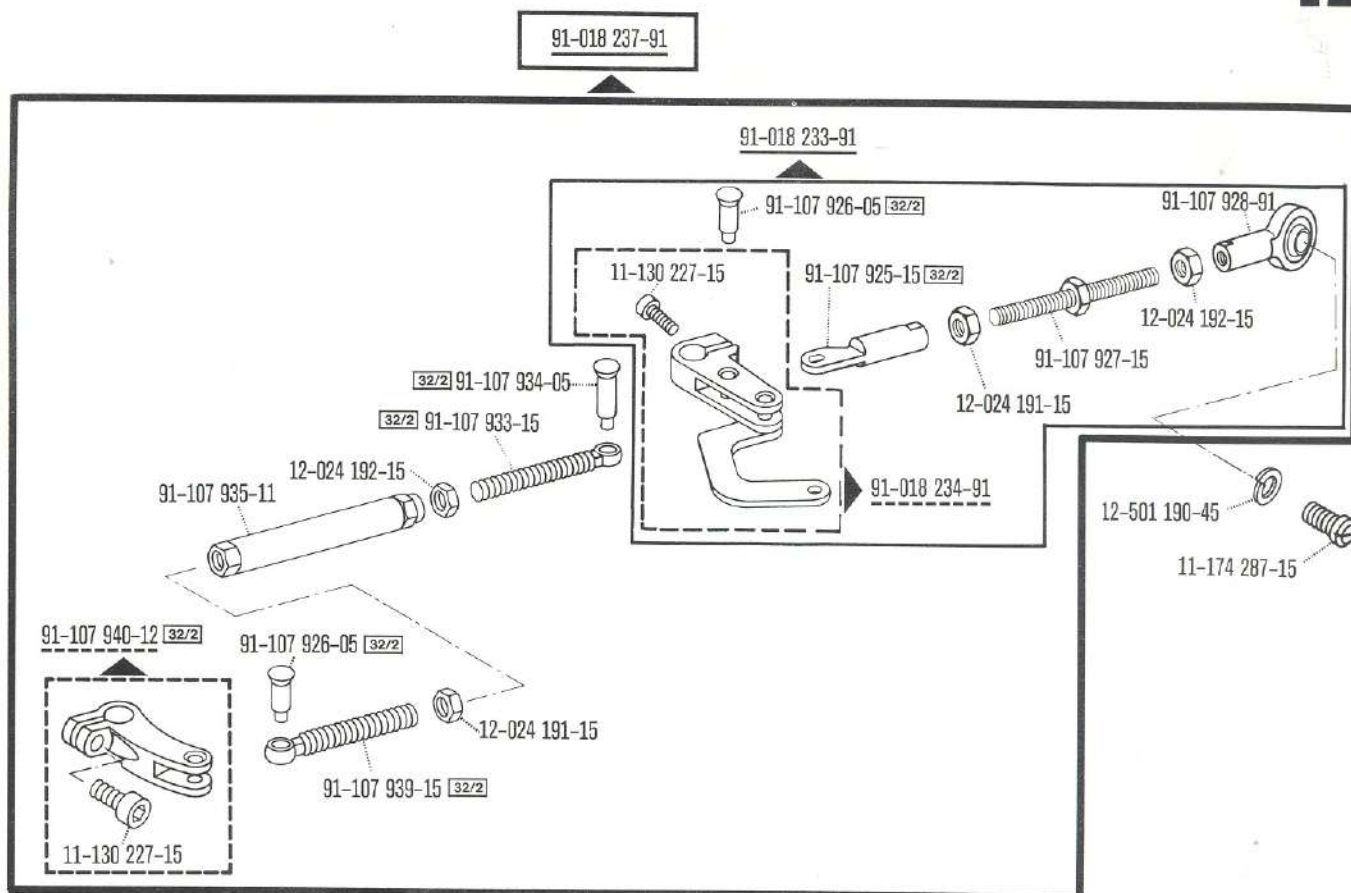
91-107 923-91



91-013 099-91

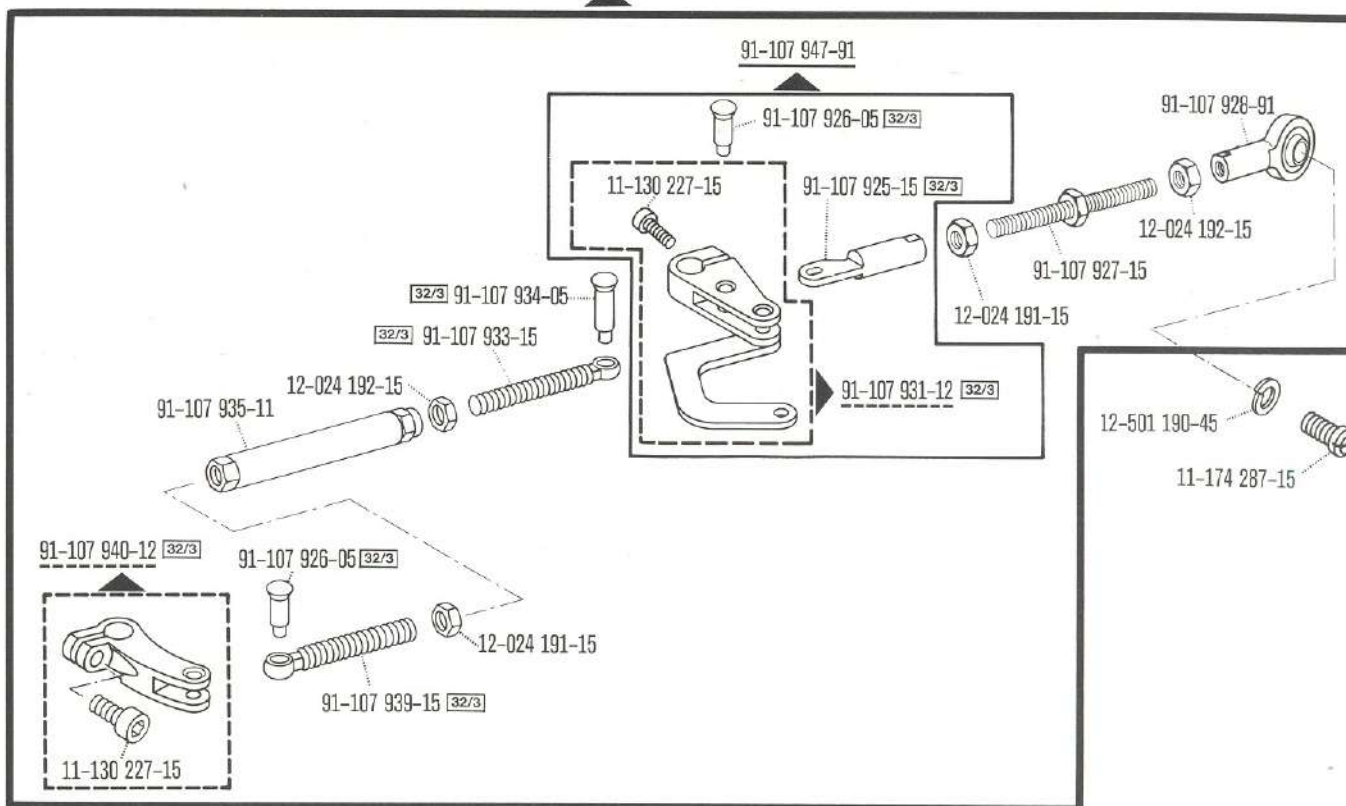
[30]





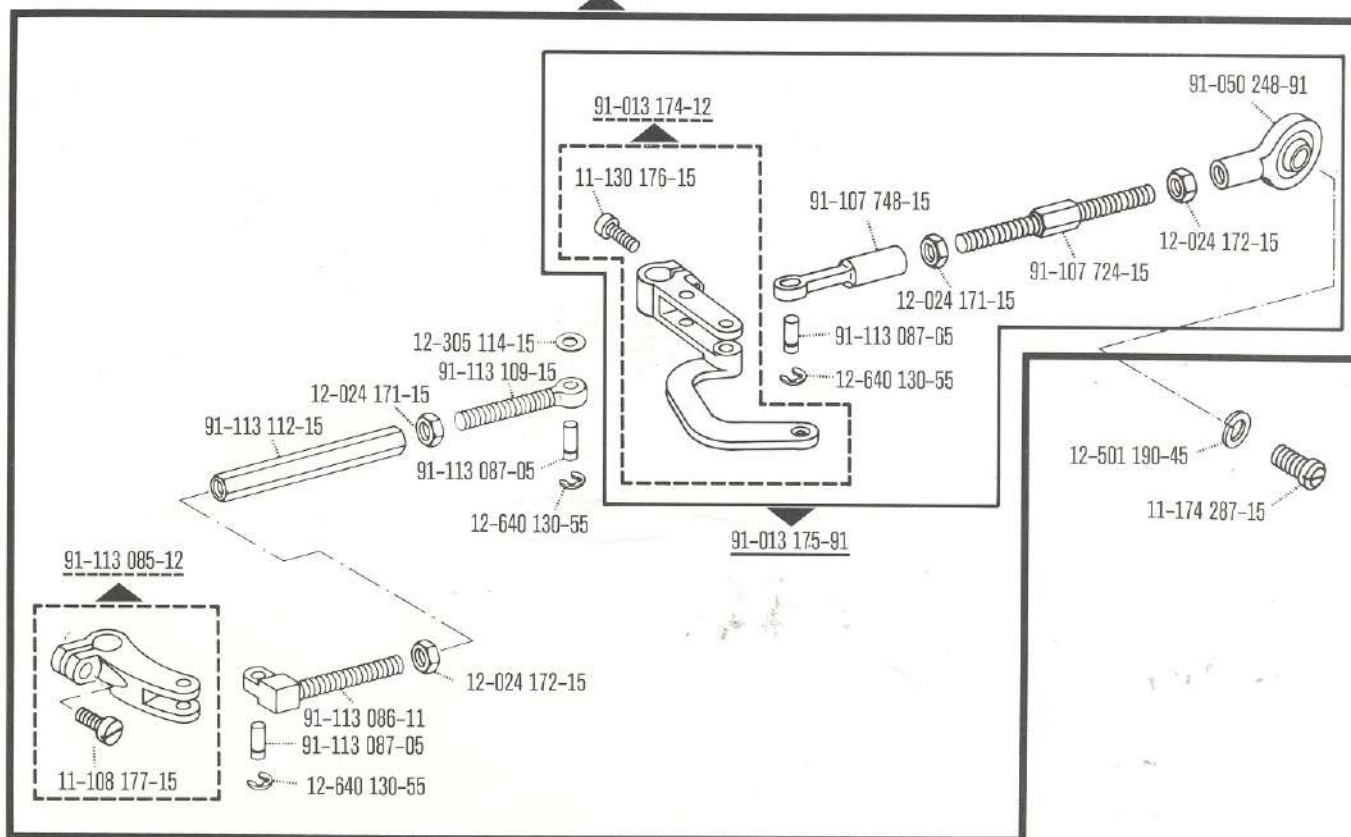
91-107 941-91

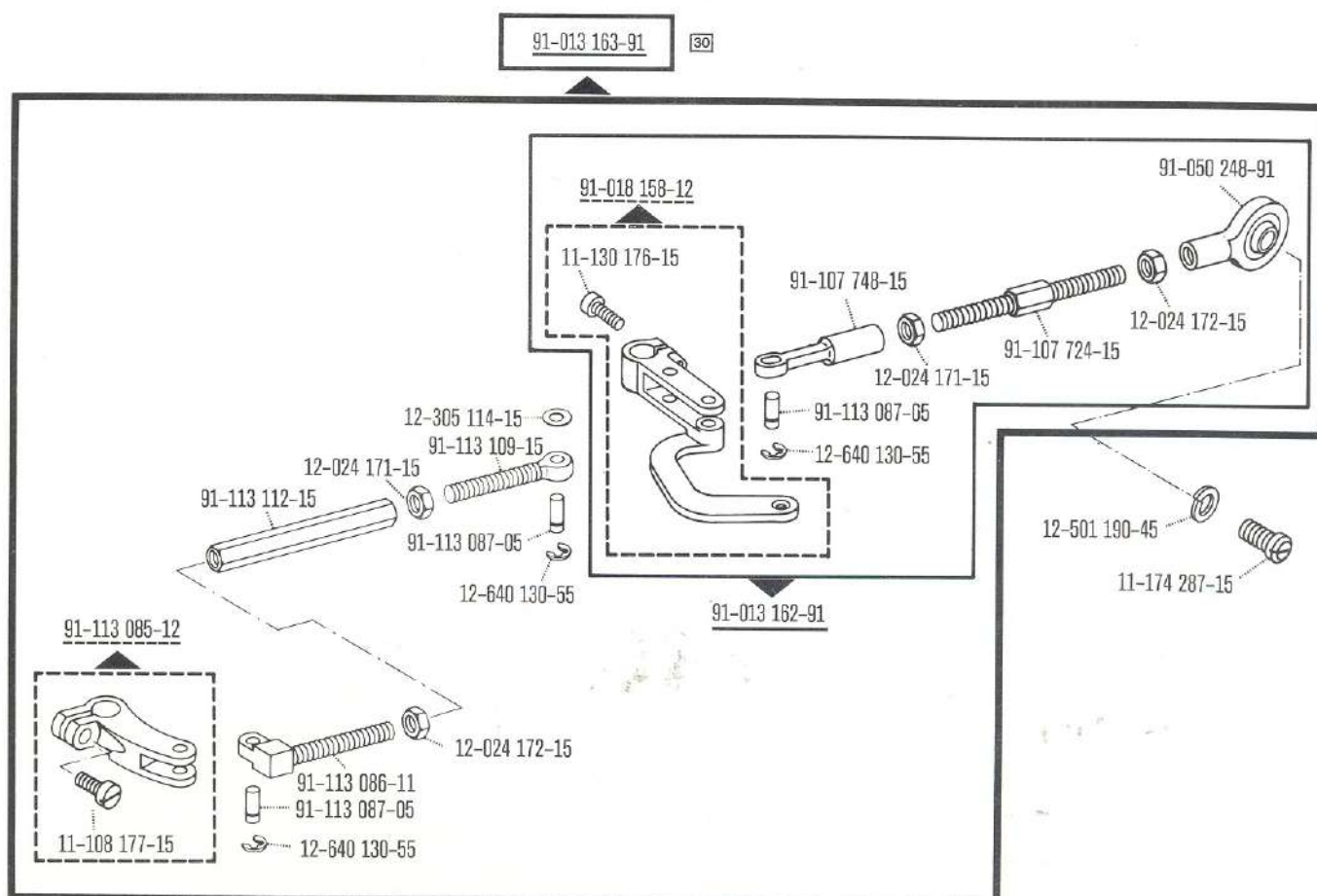
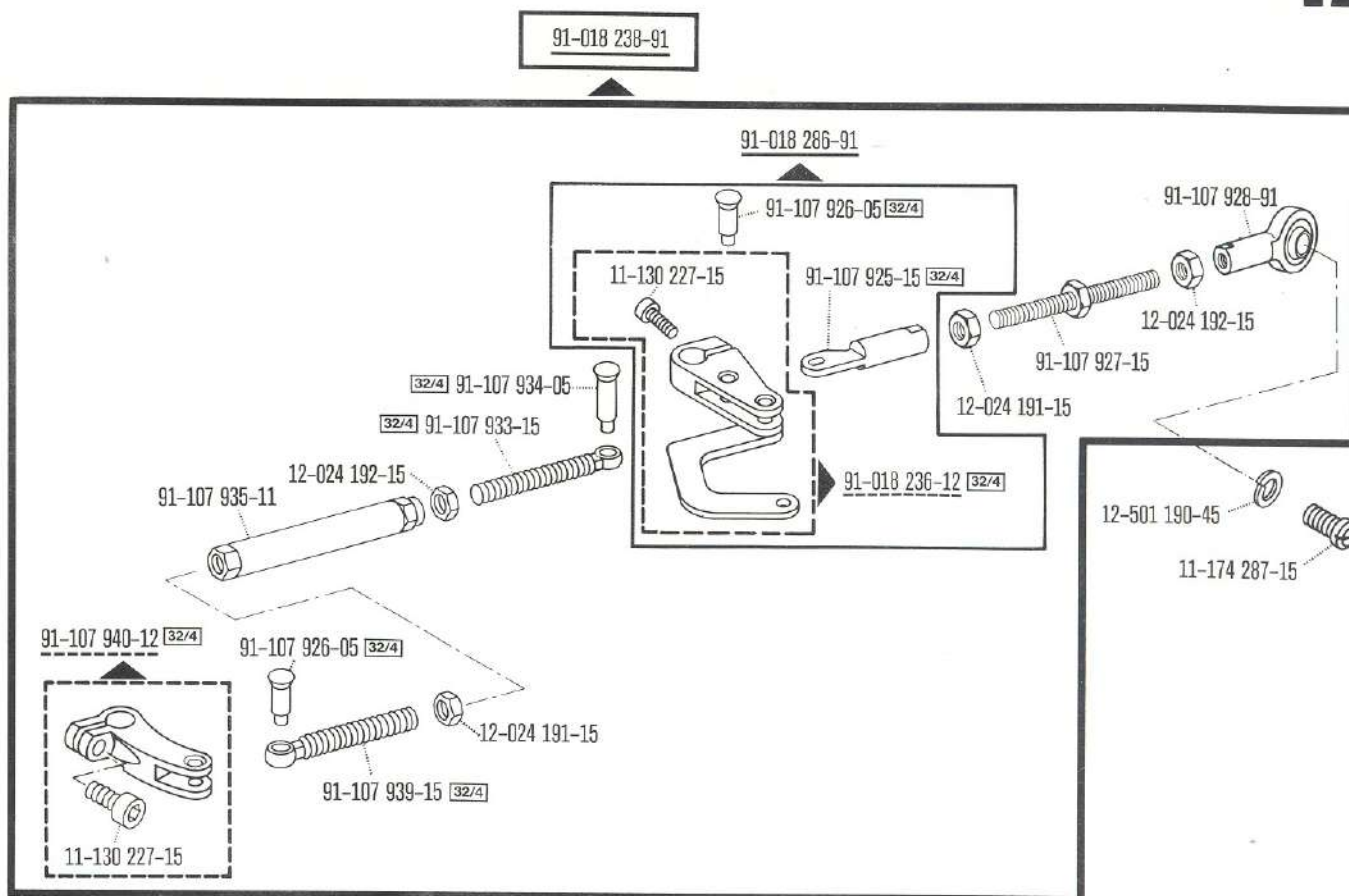
91-107 947-91

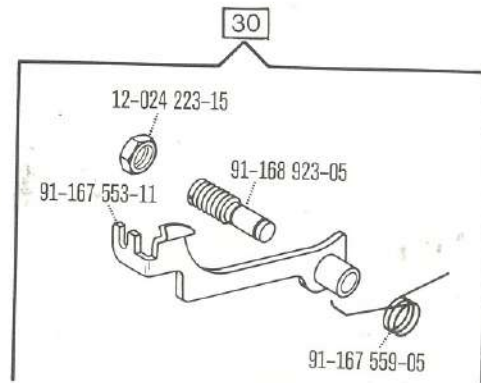
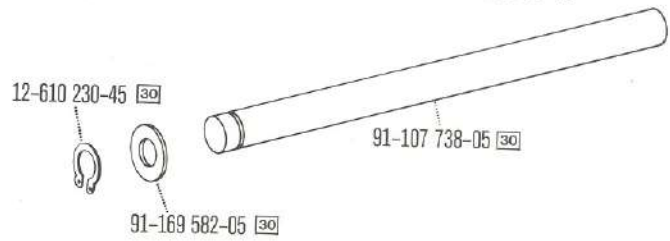
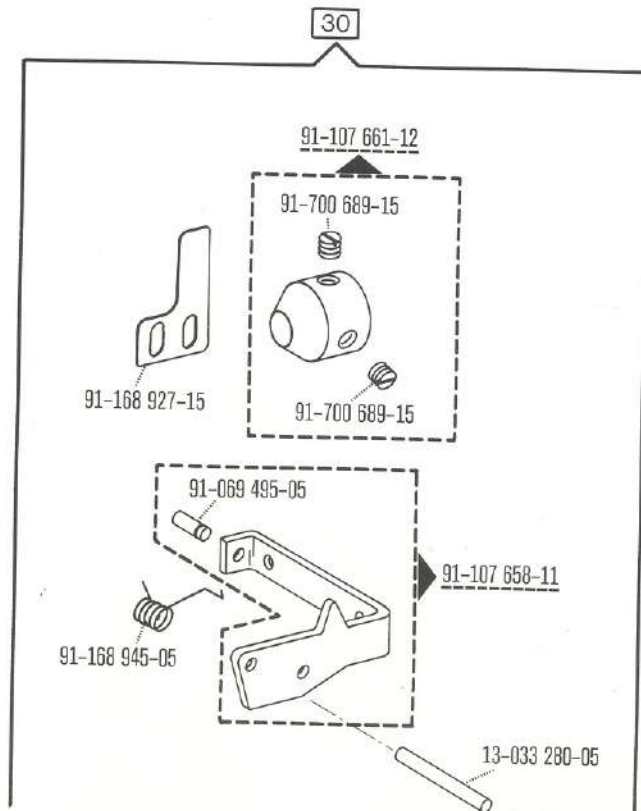
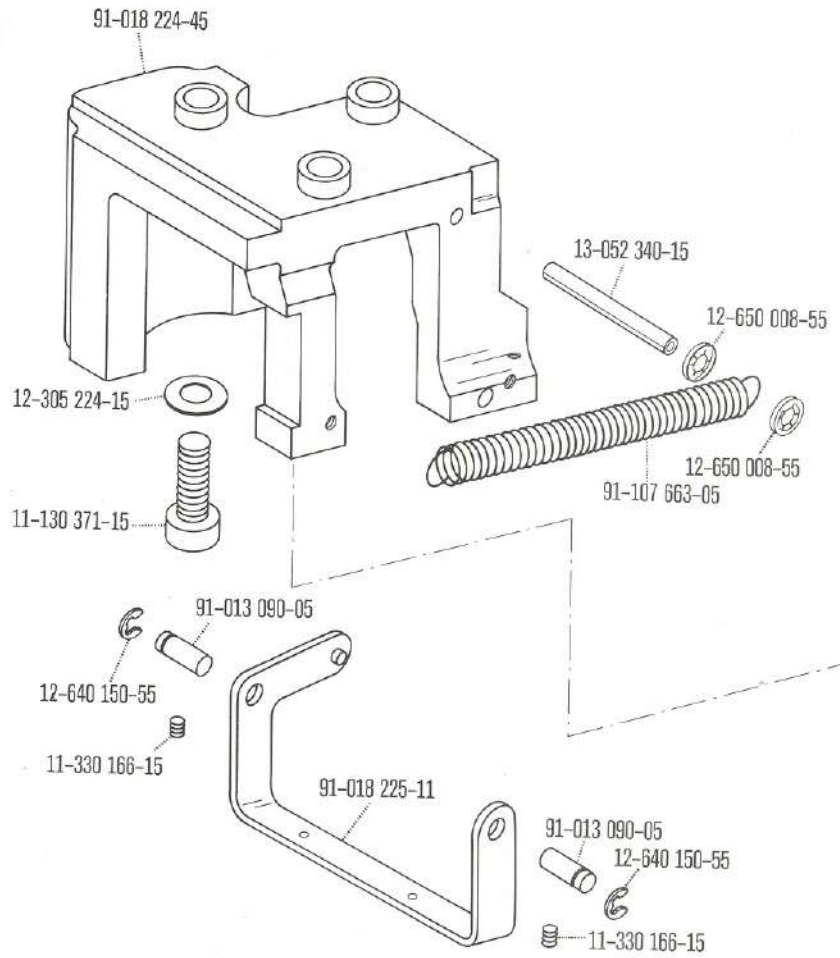
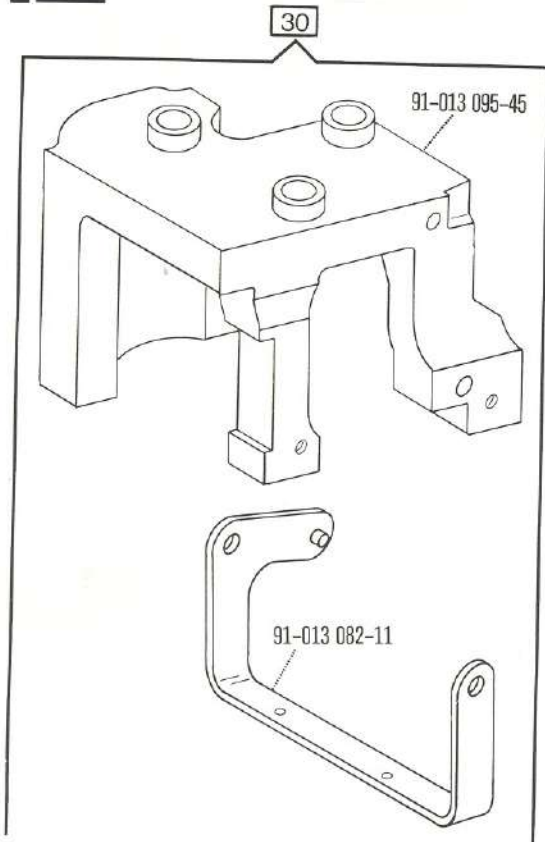


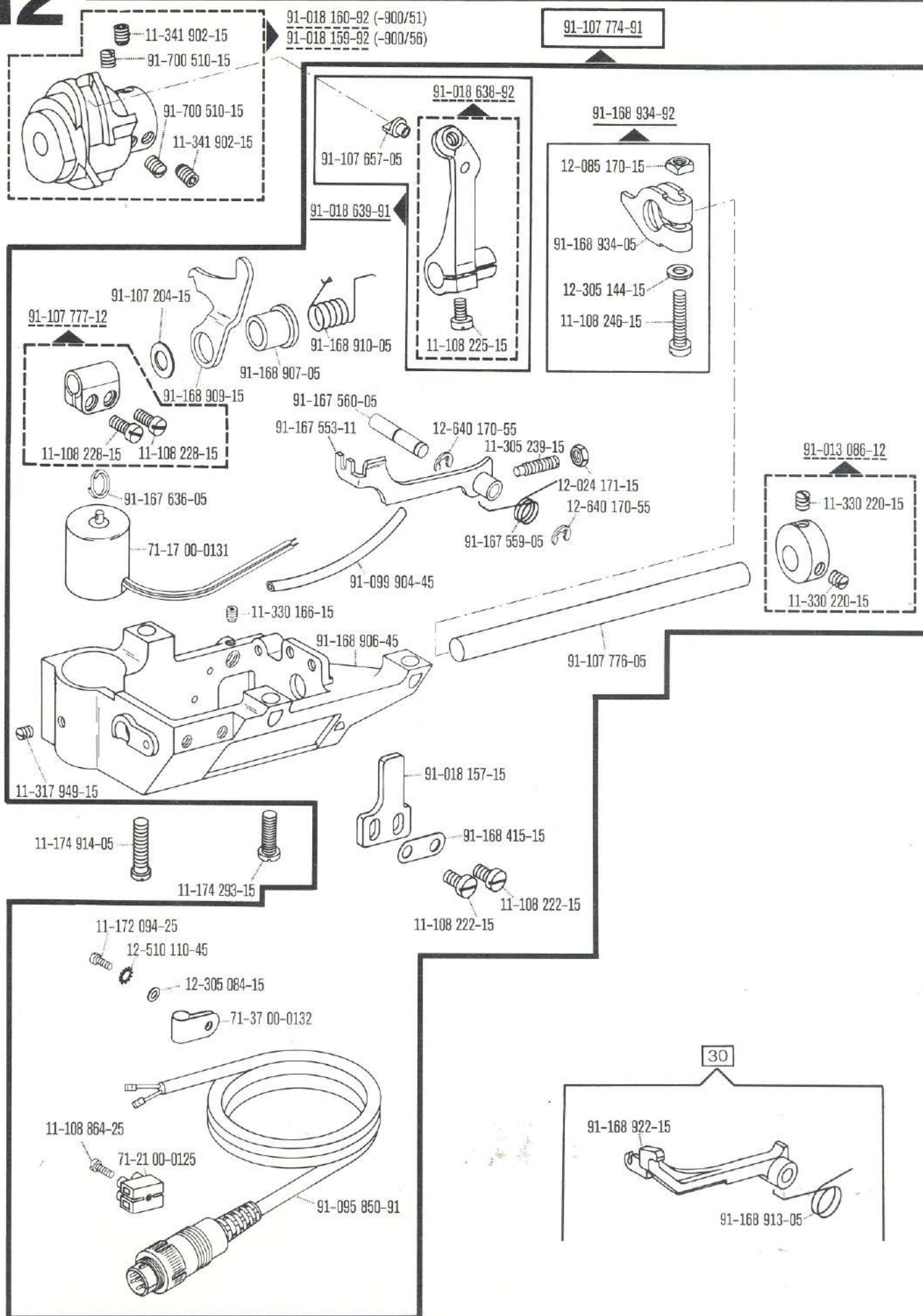
91-013 176-91

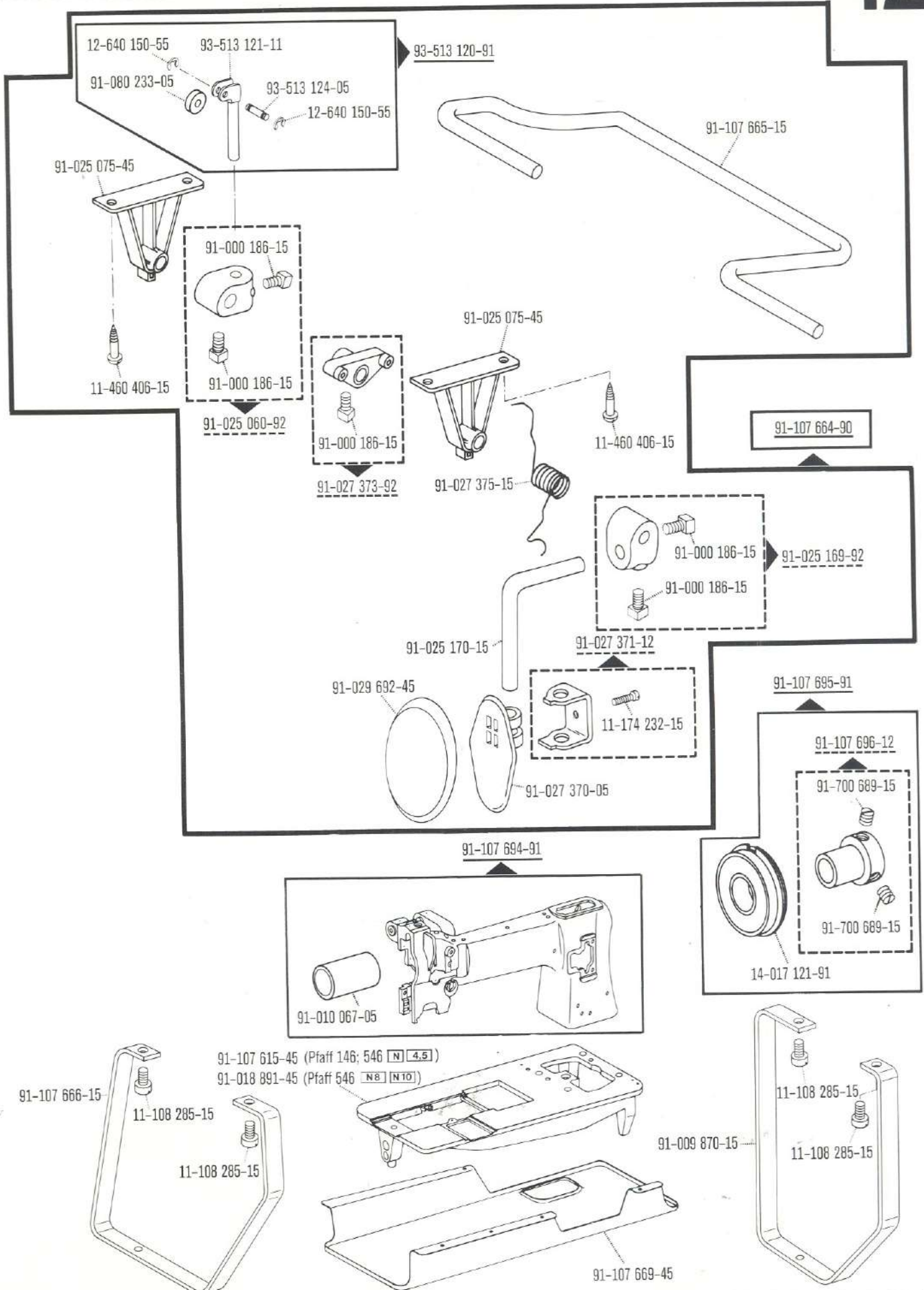
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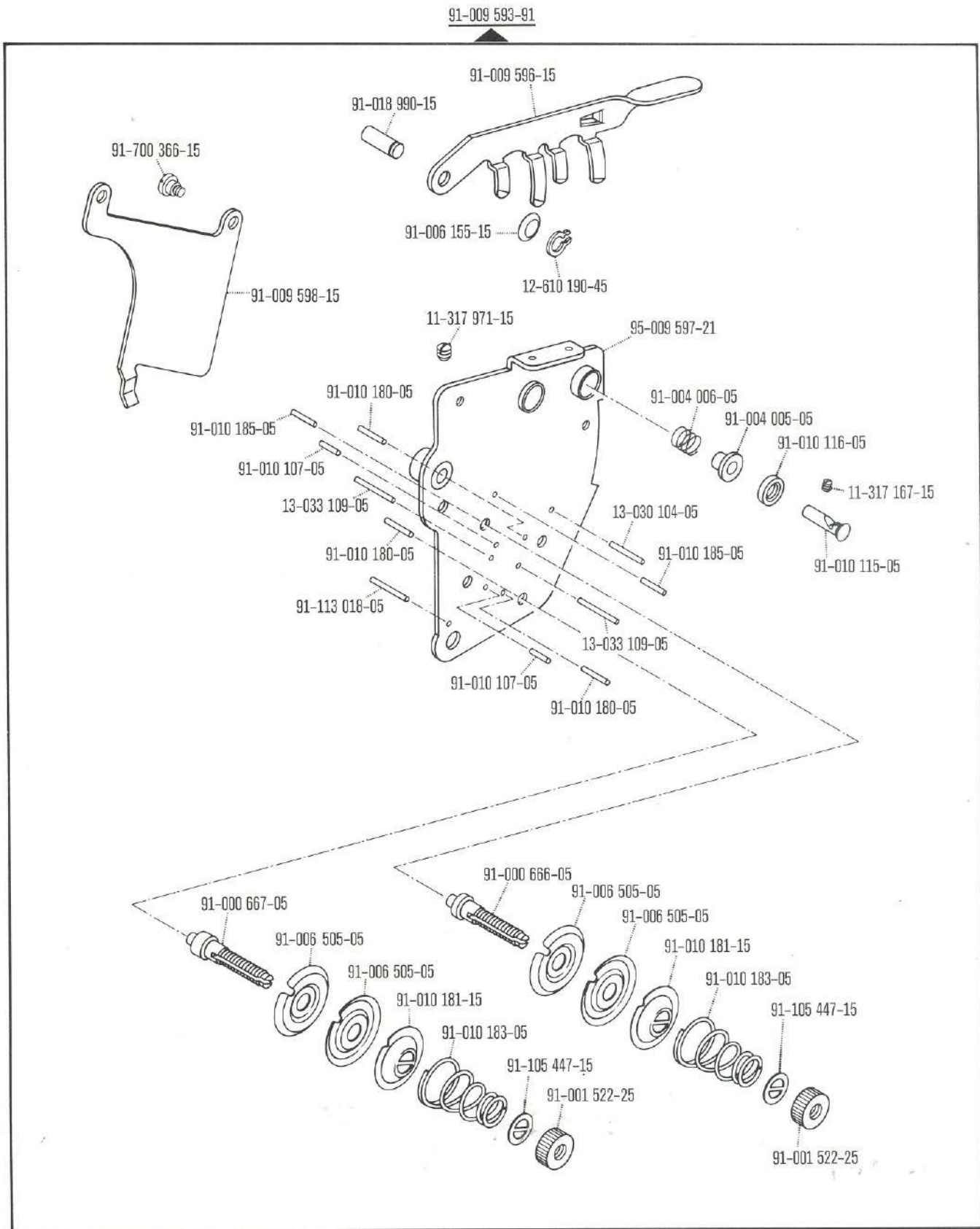


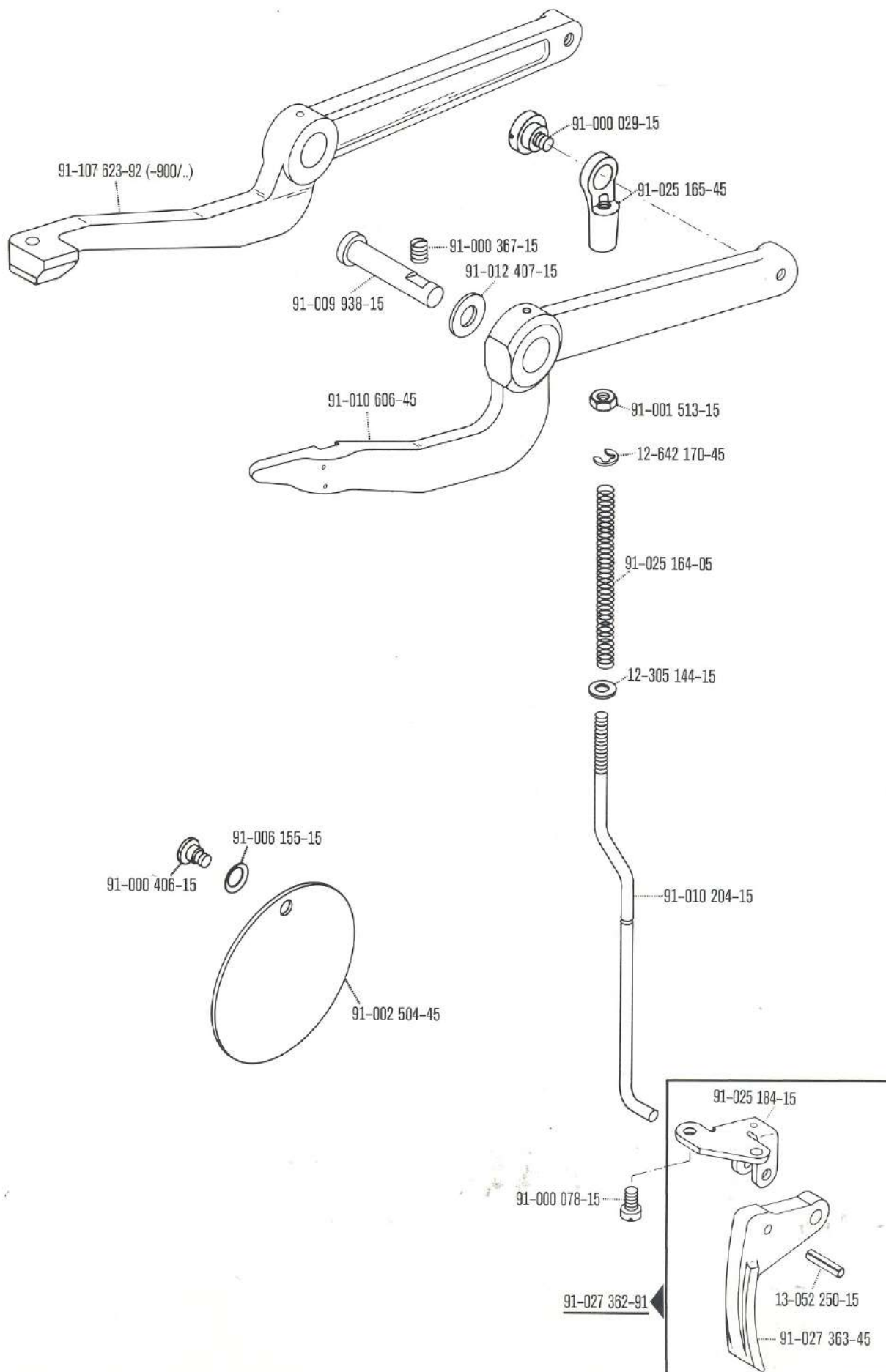






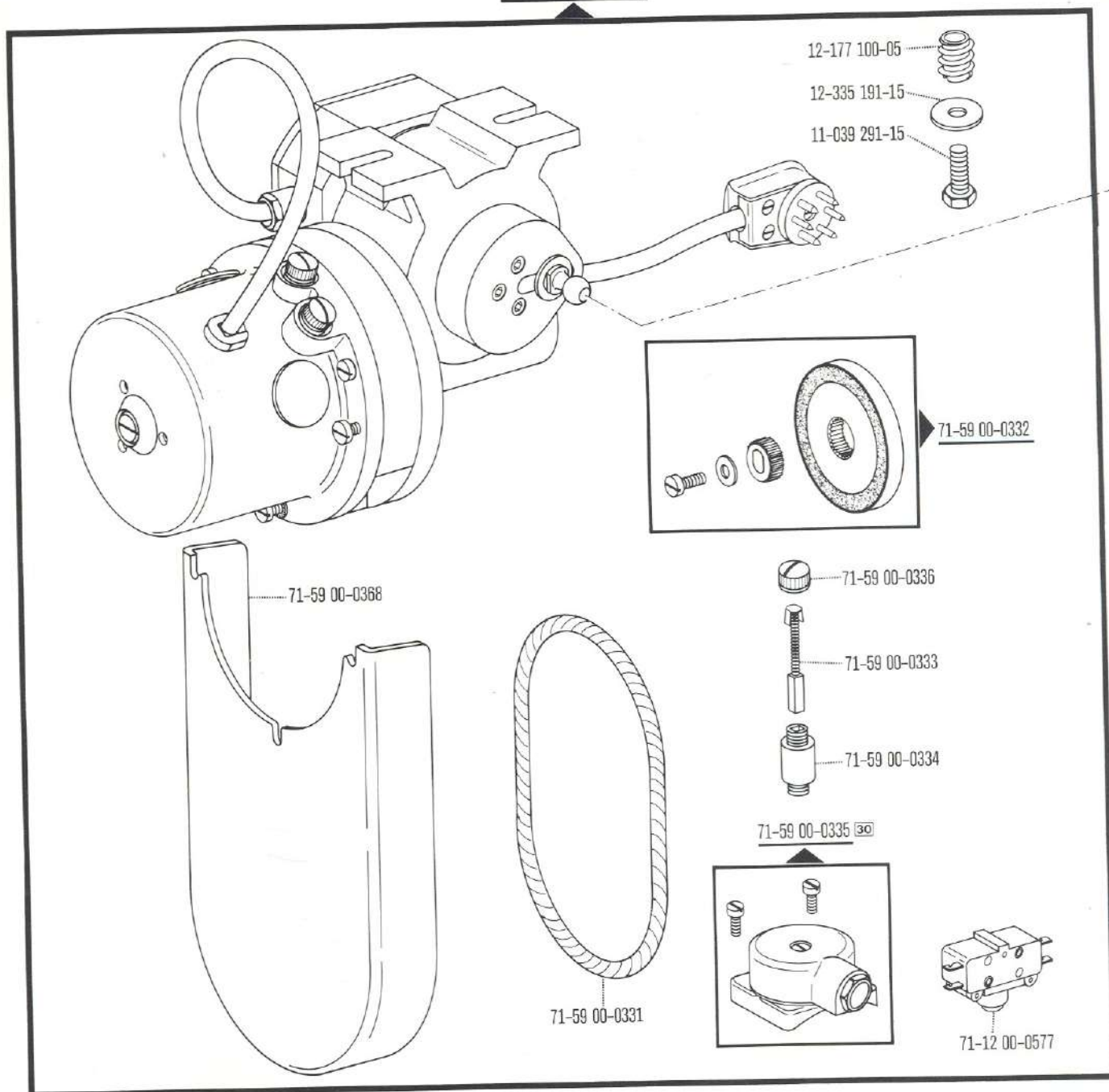




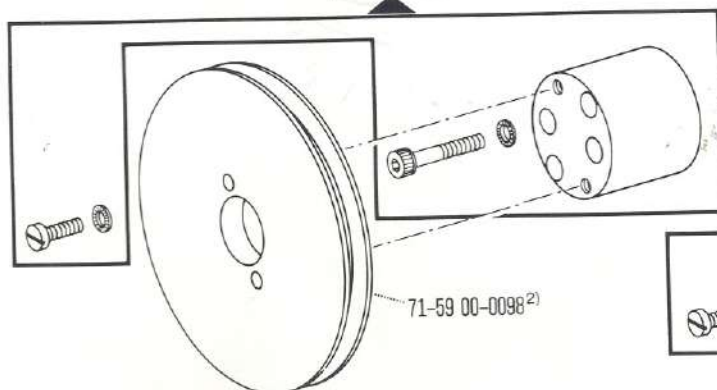


71-59 00-0242

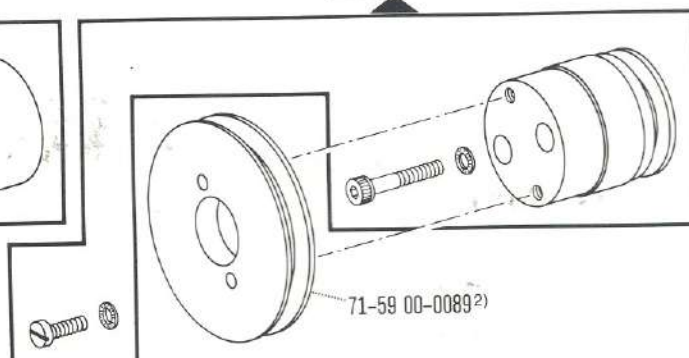
(Quick-PFA 54)

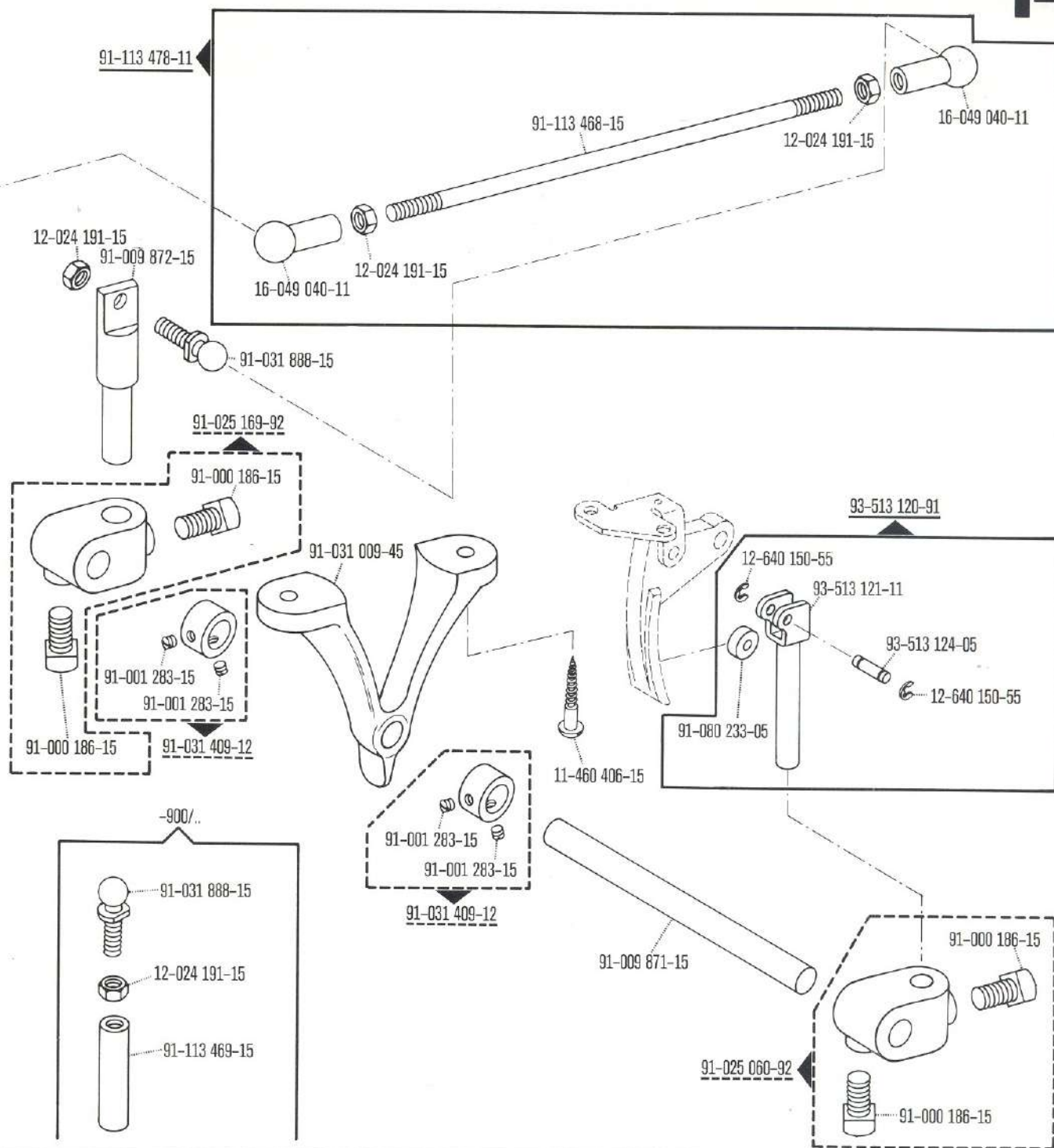


71-59 00-0265 (Quick)



71-59 00-0264 (Pfaff)

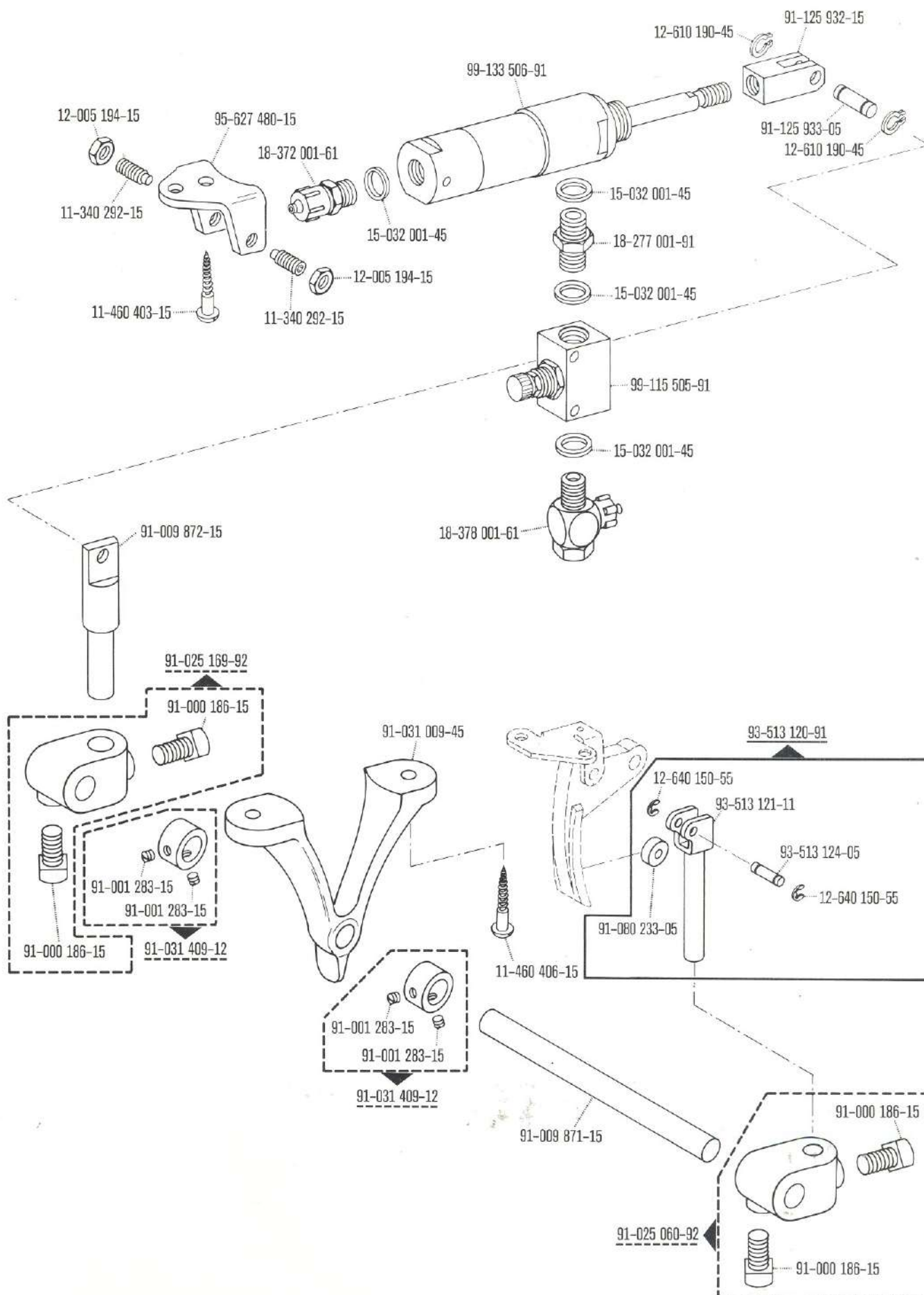


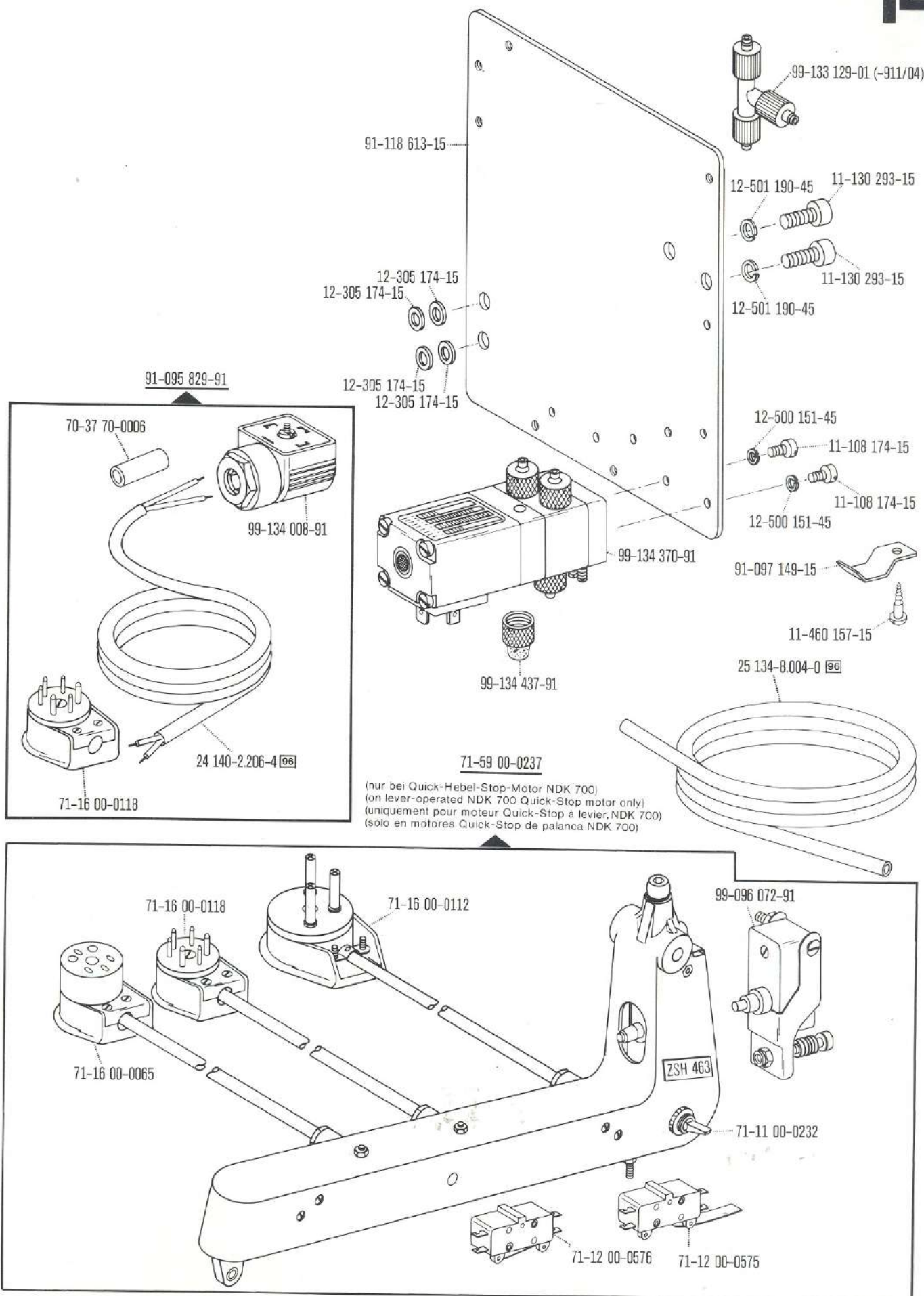


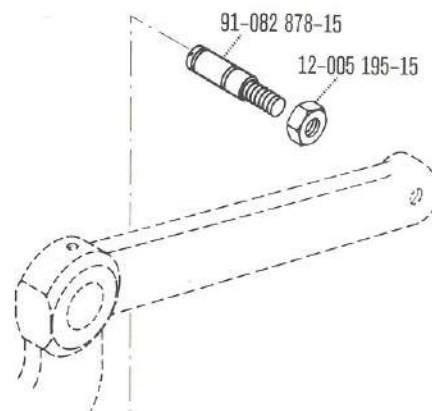
Schnurscheiben-Tabelle · Table of Pulleys

Tableau des poulies à gorge · Tabla de poleas acanaladas

Teilenummer Part number Numéros des pièces № de las piezas	Motordrehzahl U/min. Motor speed (r.p.m.) Régime moteur trs/mn Régimen del motor en r.p.m.	Frequenz Frequency Fréquence Frecuencia	Schnurscheiben-Durchmesser ¹⁾ in mm Pulley dia. ¹⁾ (mm) Diamètre effectif de la poulie en mm Diámetro efectivo de la polea en mm
71-59 00-0098	1400	50 Hz (c/s)	86
	1700	60 Hz (c/s)	86
71-59 00-0089	2800	50 Hz (c/s)	56
	3400	60 Hz (c/s)	56

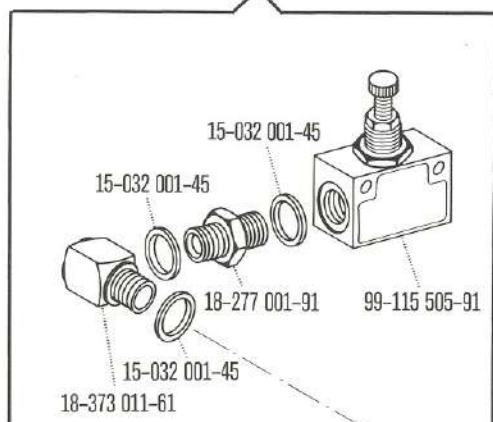




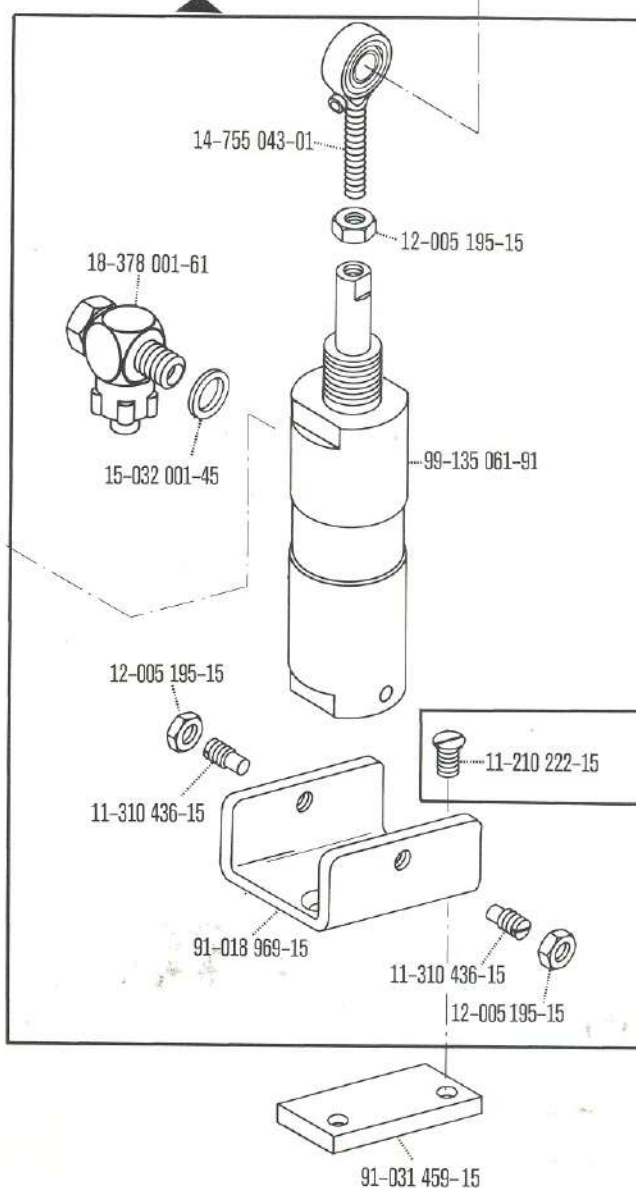
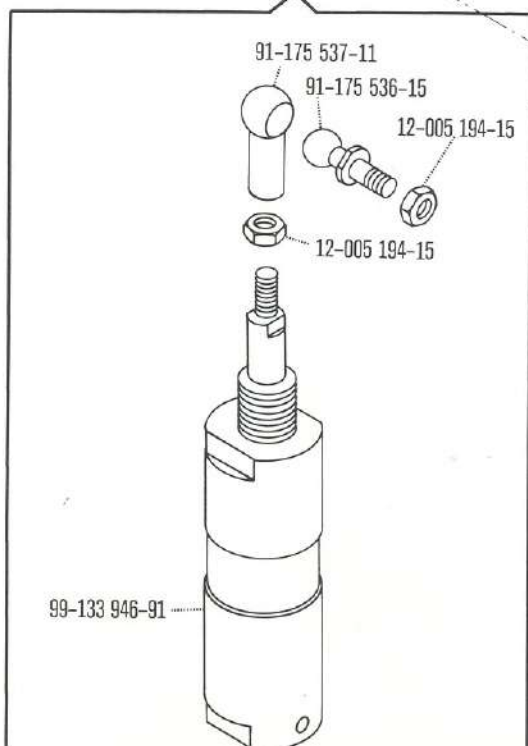


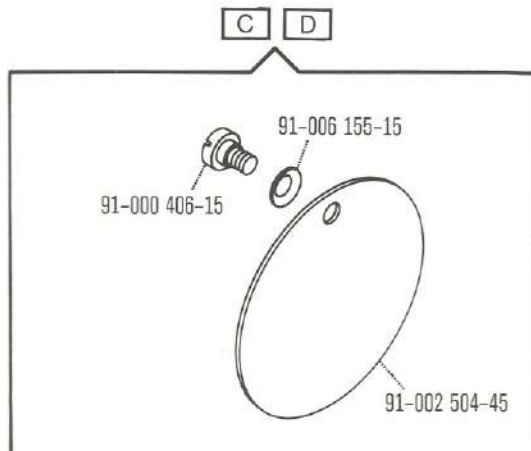
(nur bei Quick-Hebel-Stop-Motor NDK 700)
 (on lever-operated NDK 700 Quick-Stop motor only)
 (uniquement pour moteur Quick-Stop à levier, NDK 700)
 (sólo en motores Quick-Stop de palanca NDK 700)

91-175 581-91

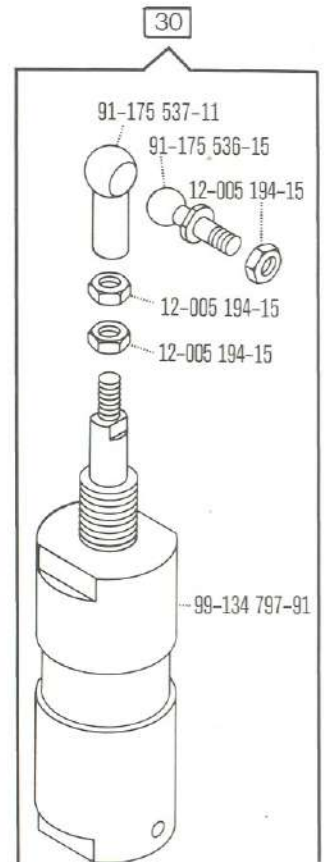
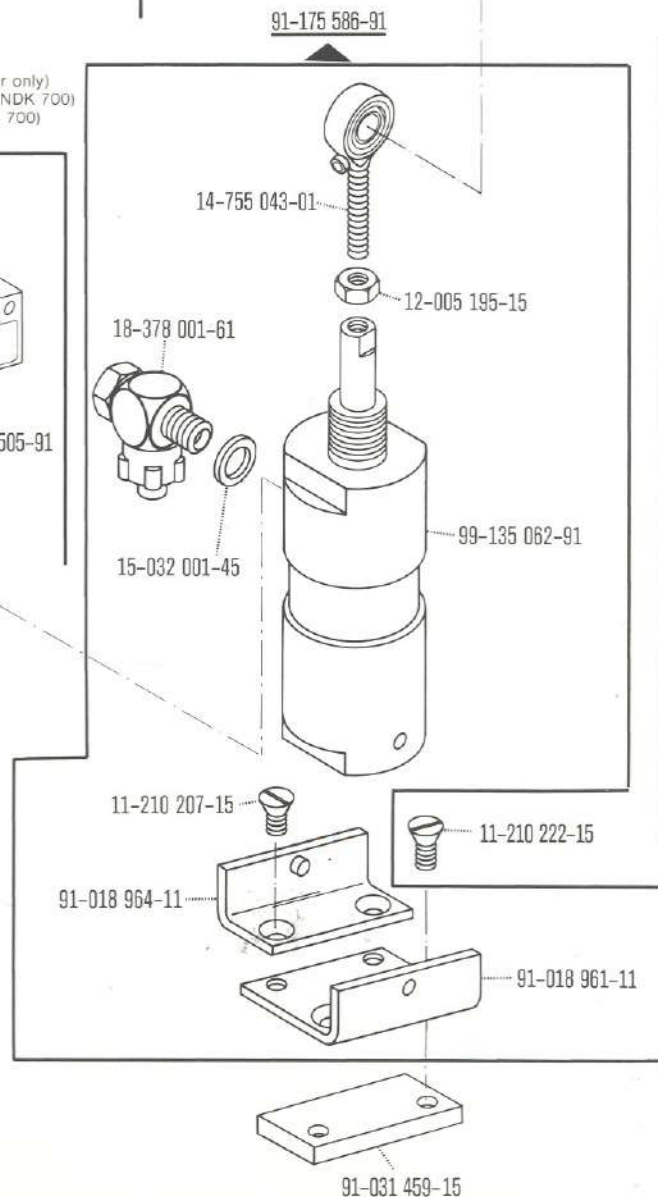
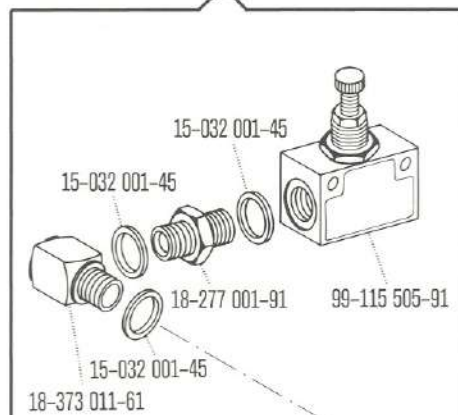


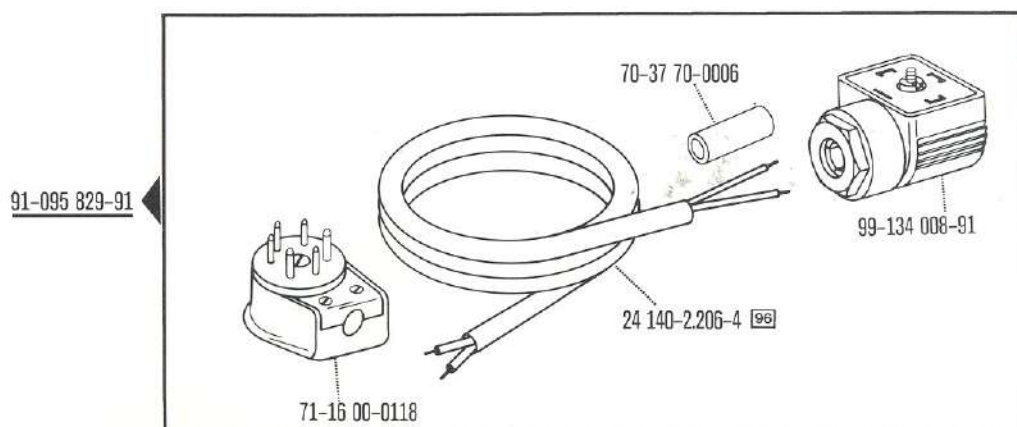
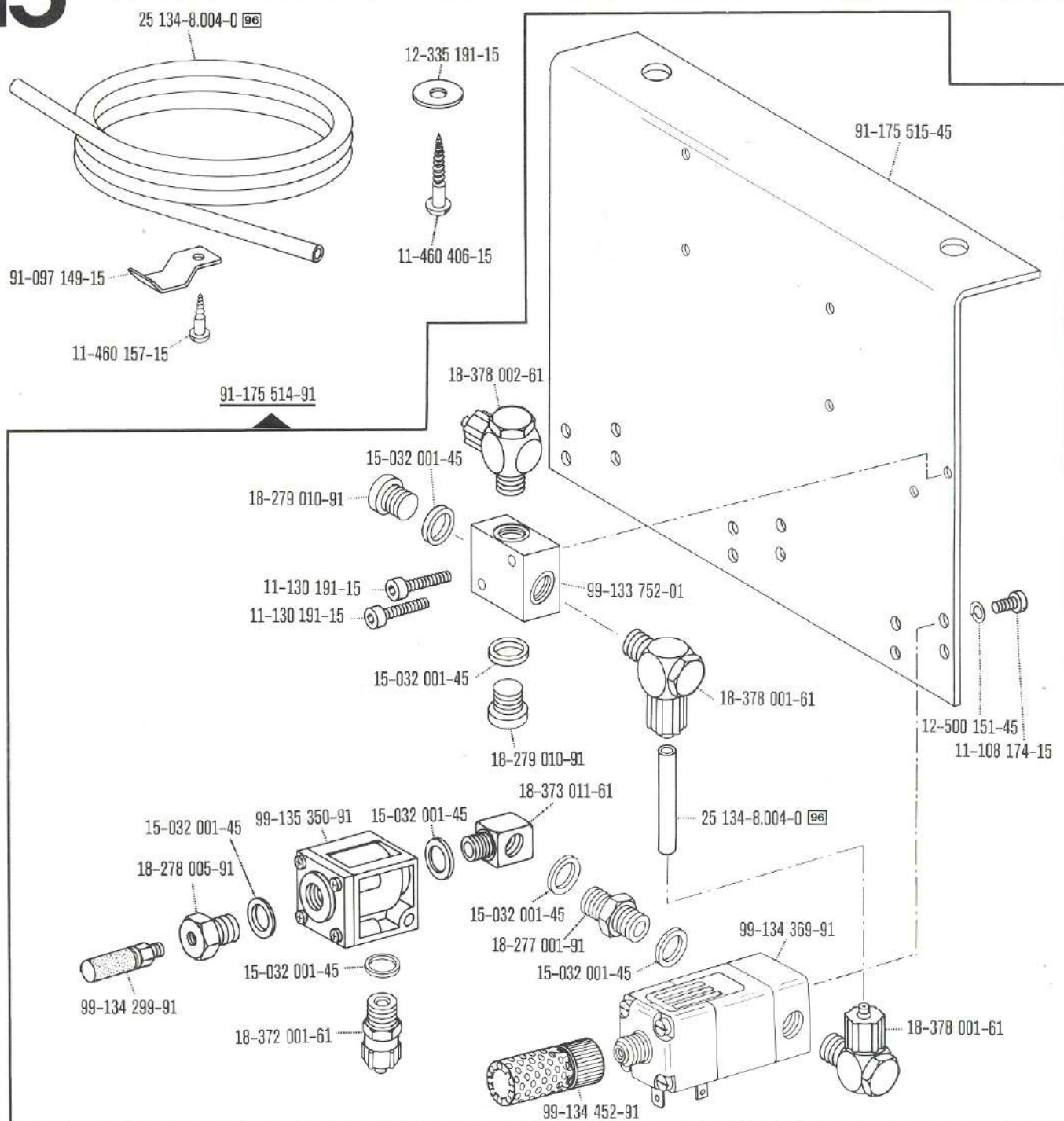
30

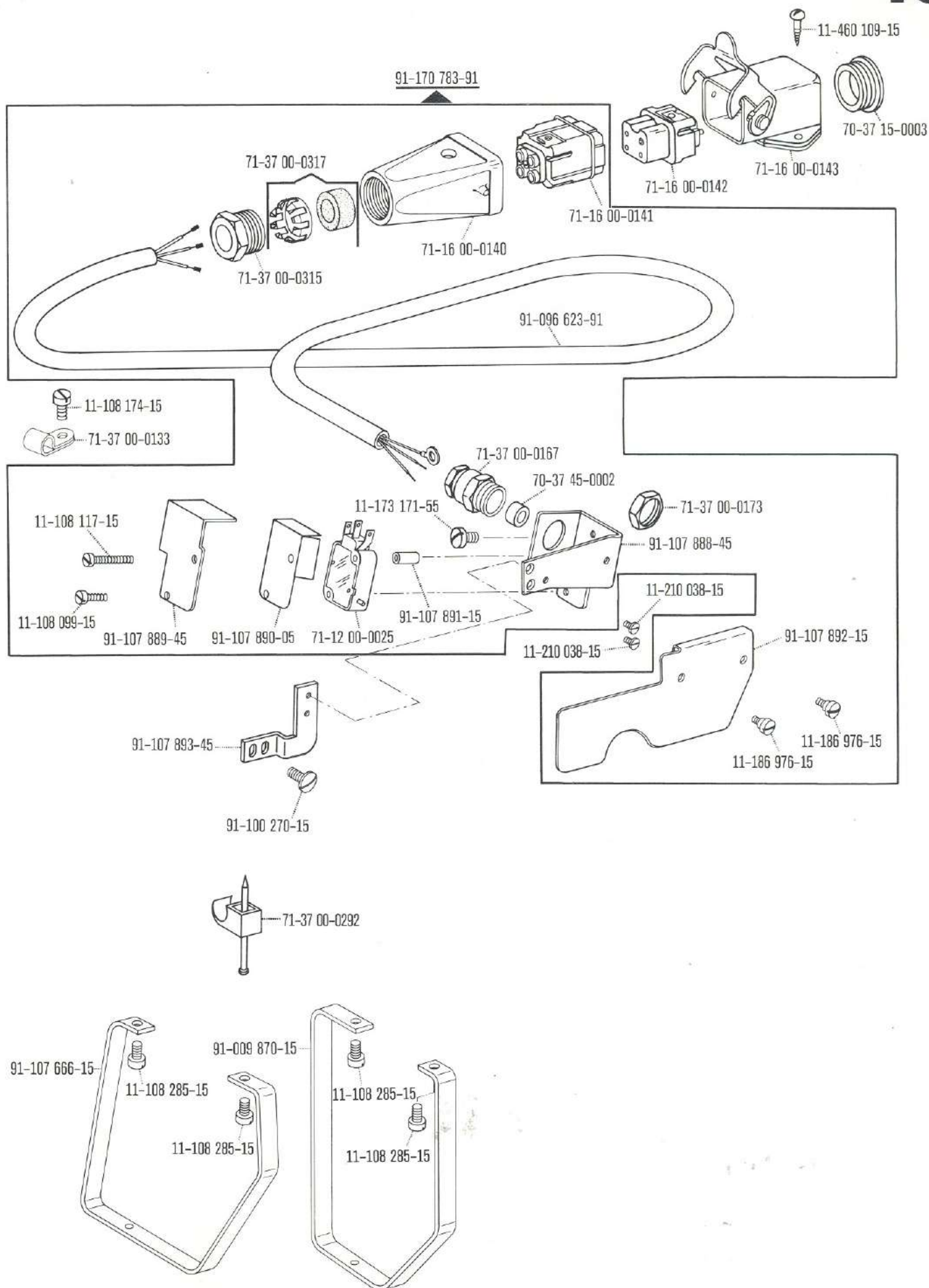




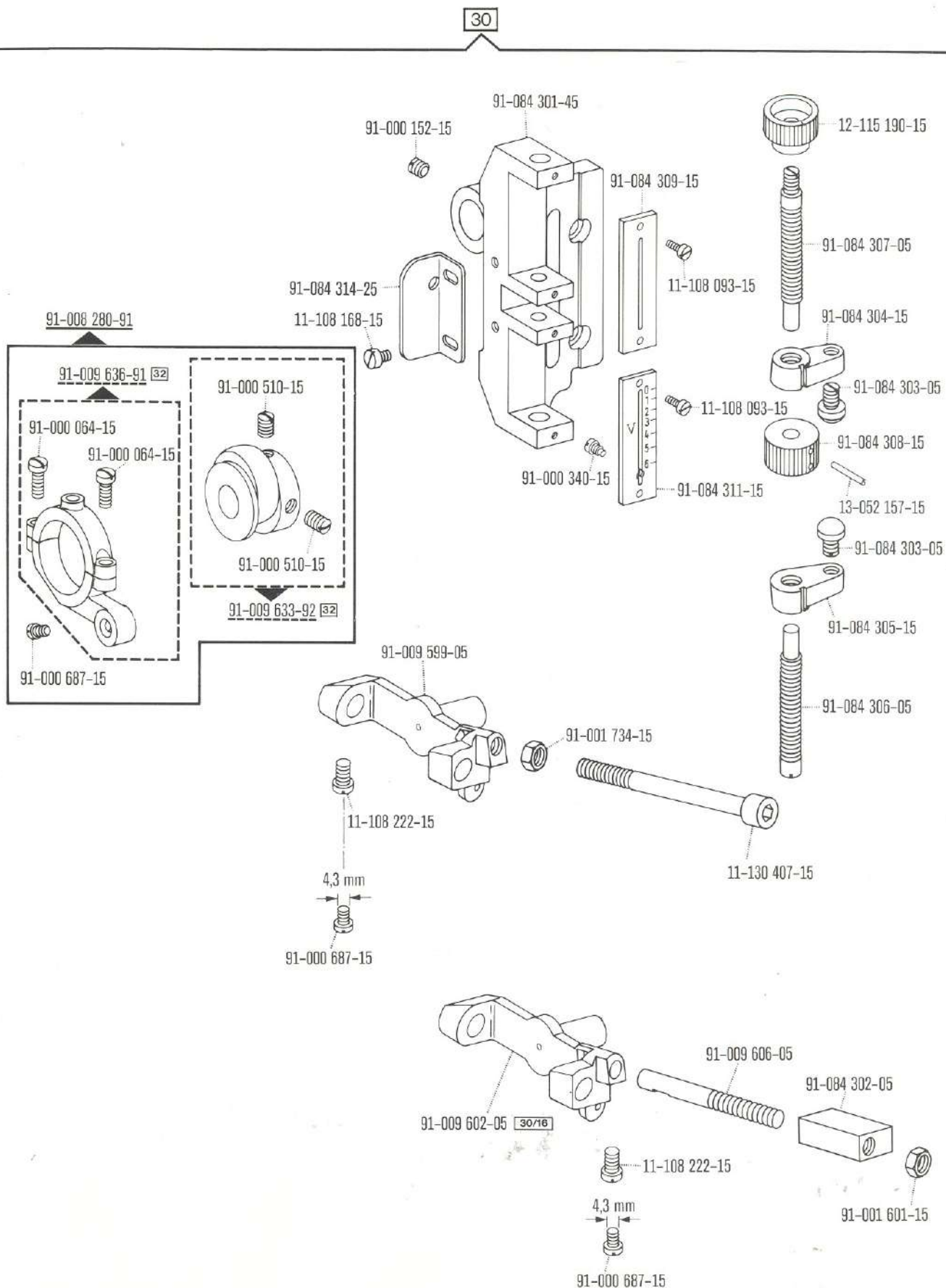
(nur bei Quick-Hebel-Stop-Motor NDK 700)
 (on lever-operated NDK 700 Quick-Stop motor only)
 (uniquement pour moteur Quick-Stop à levier, NDK 700)
 (solo en motores Quick-Stop de palanca NDK 700)

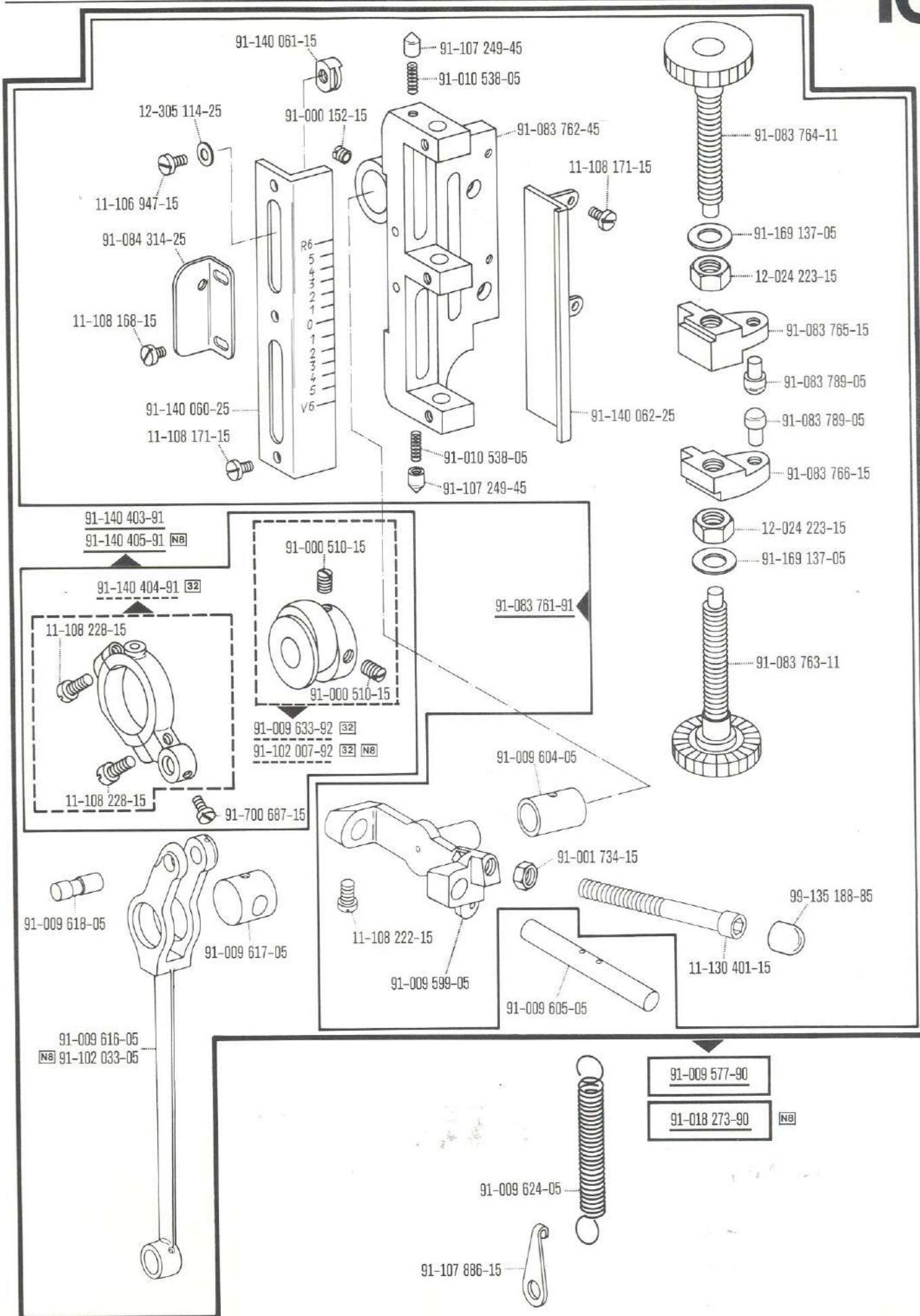




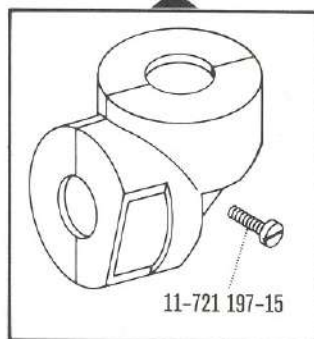


30





91-019 623-90



91-100 373-15

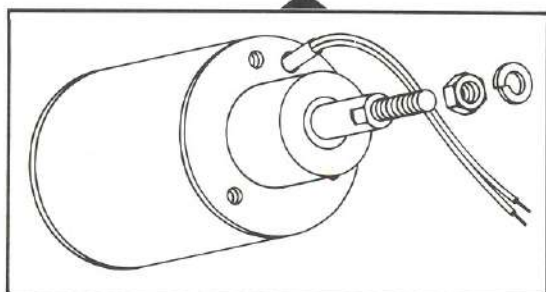


91-107 877-91

11-130 293-15



71-17 00-0048



91-107 879-15

12-640 170-55

12-640 170-55

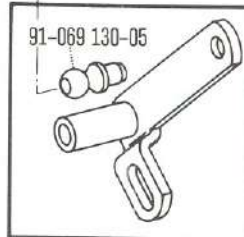
91-107 880-15

16-041 055-21

11-173 171-55

11-130 224-15

91-069 130-05



91-107 881-11

91-090 291-91

91-090 292-45

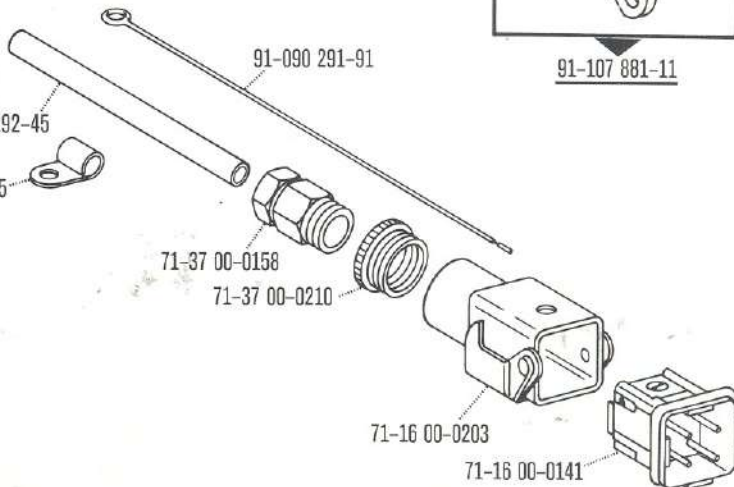
91-099 811-05

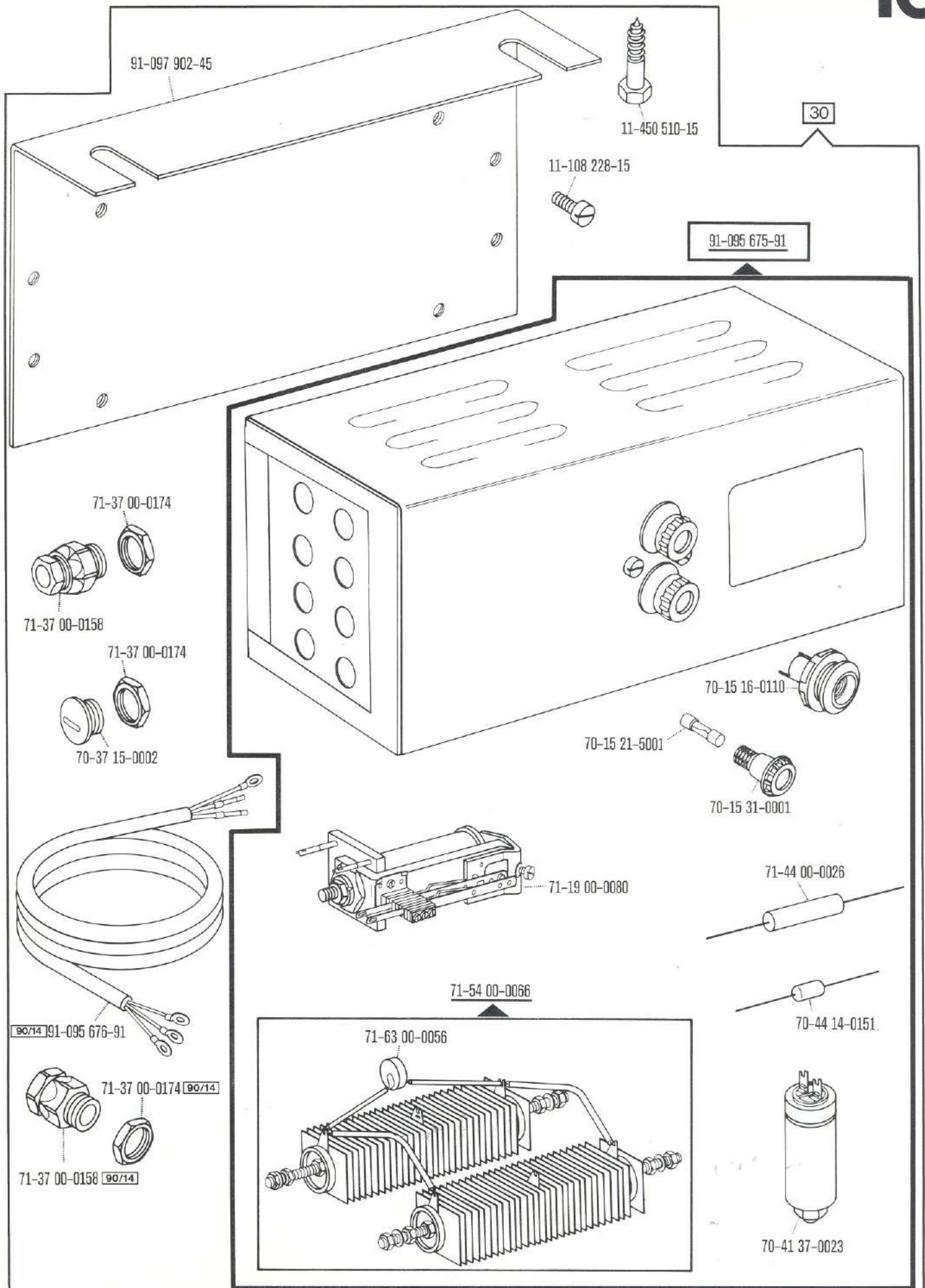
71-37 00-0158

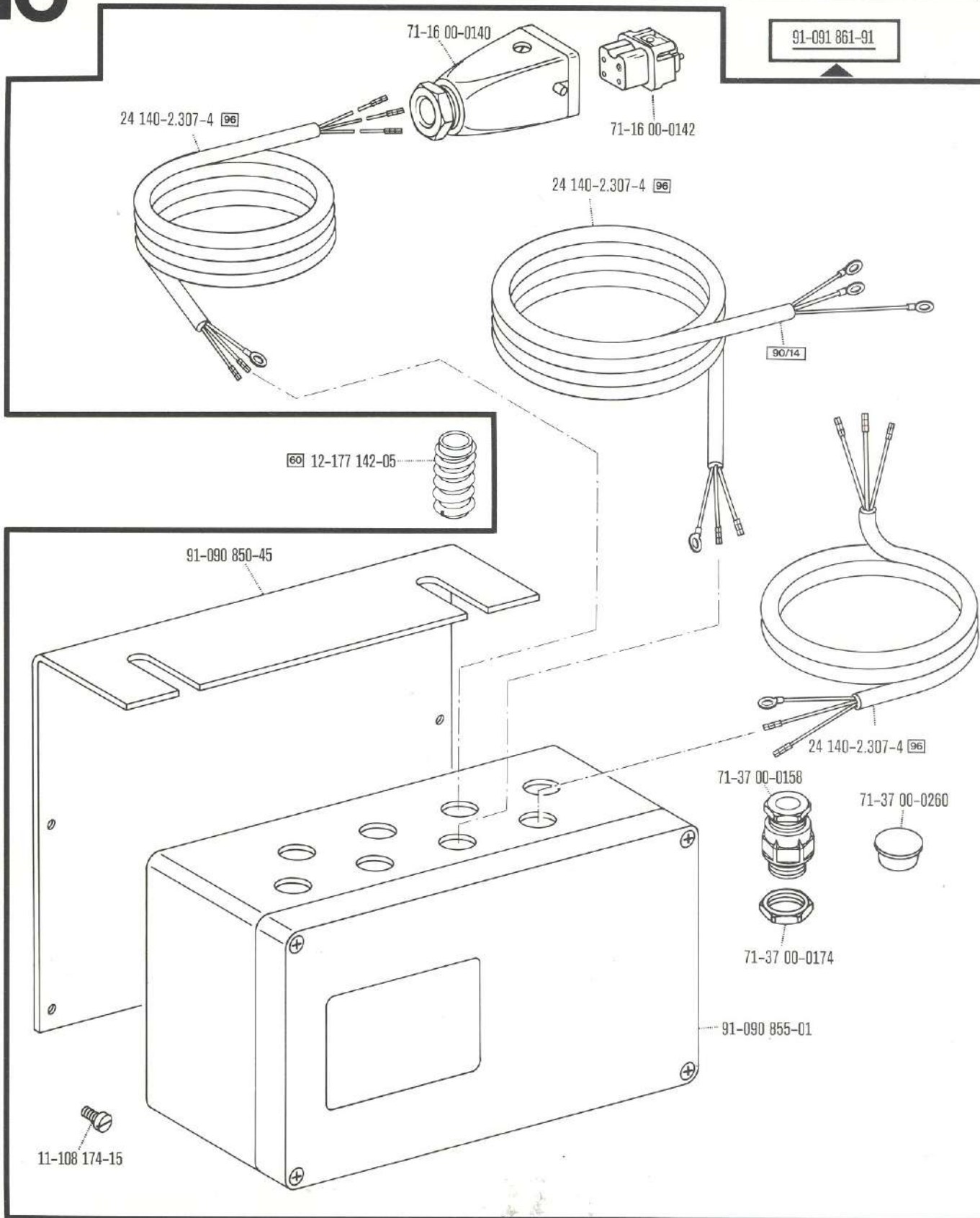
71-37 00-0210

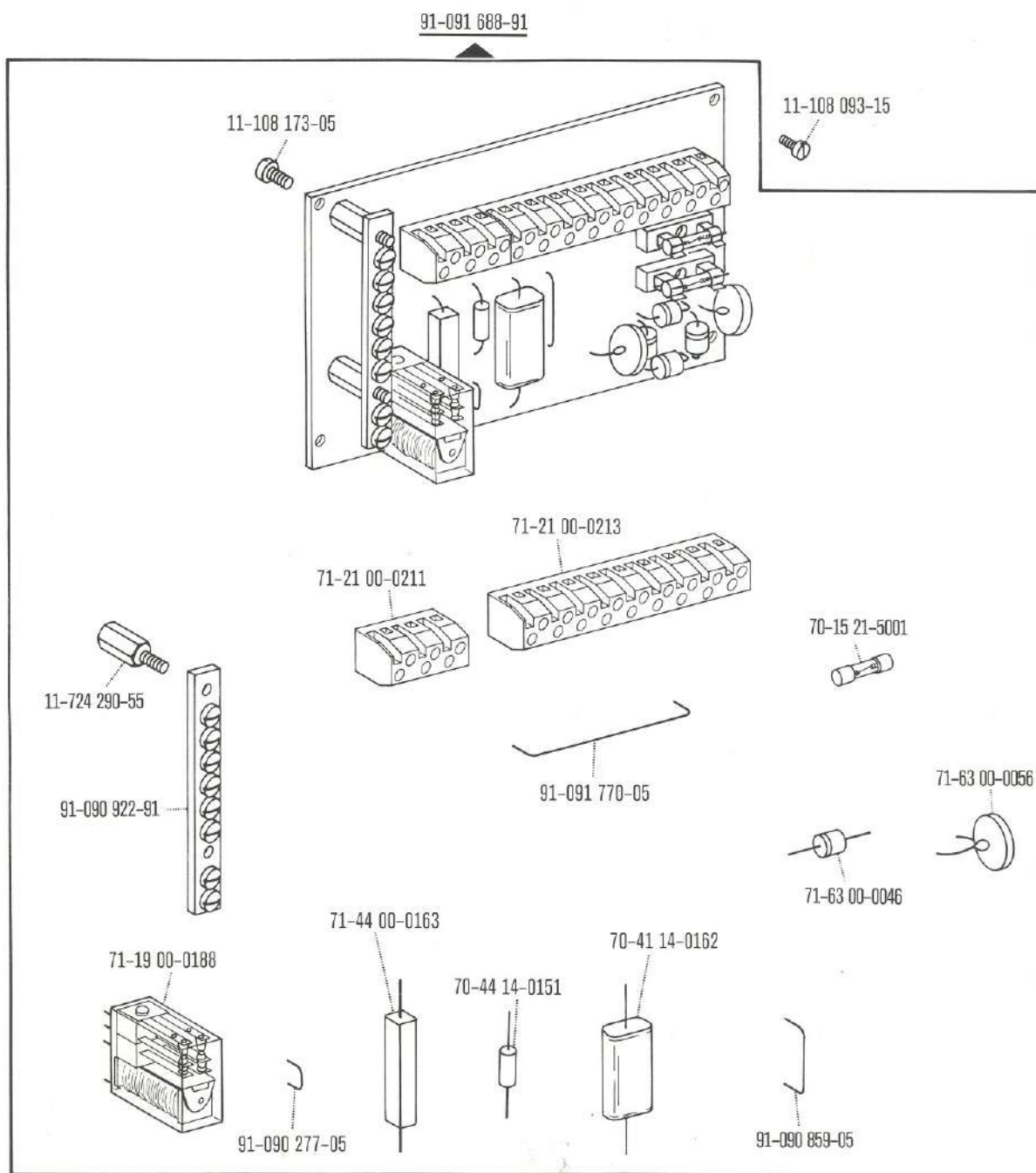
71-16 00-0203

71-16 00-0141

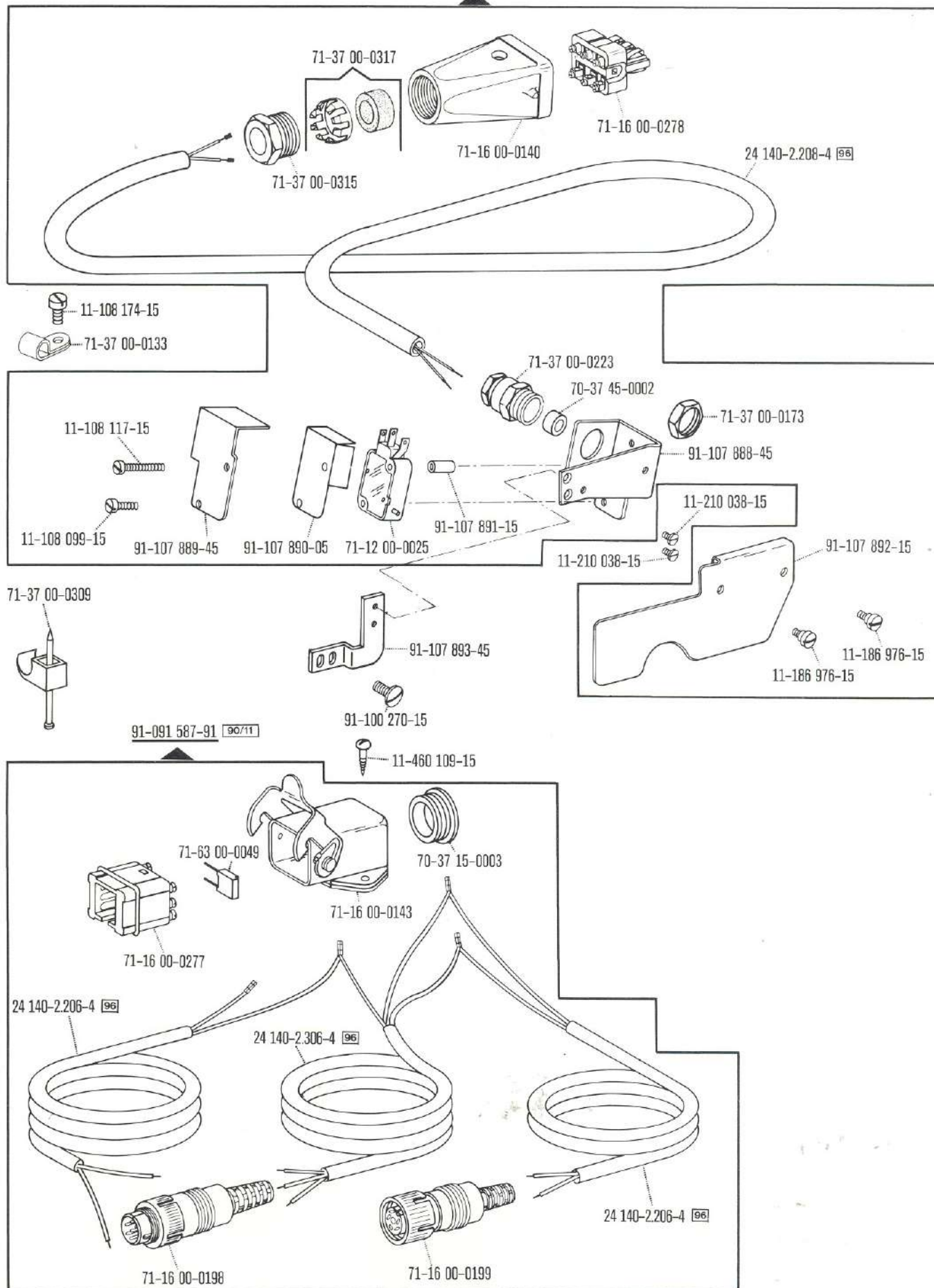


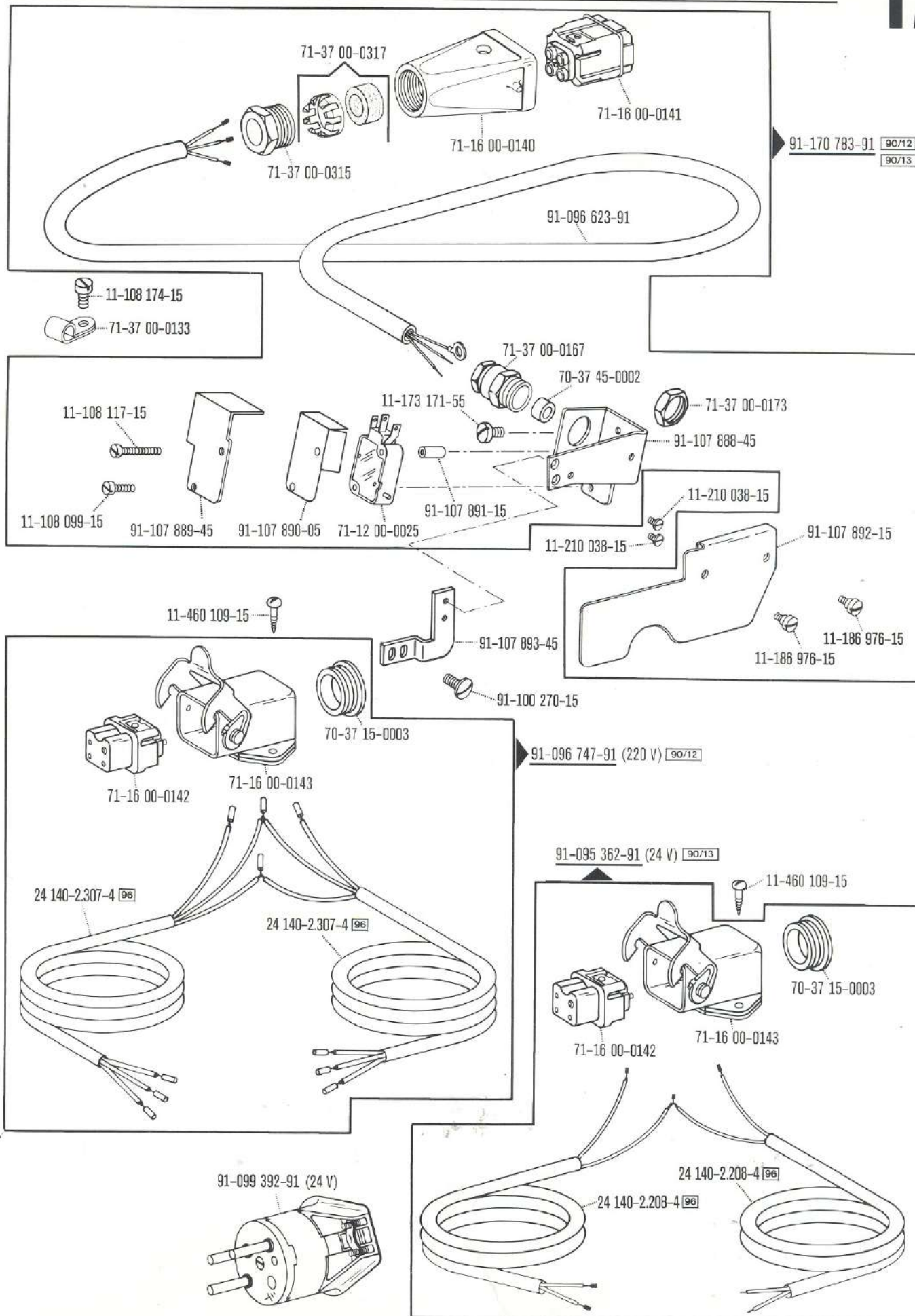


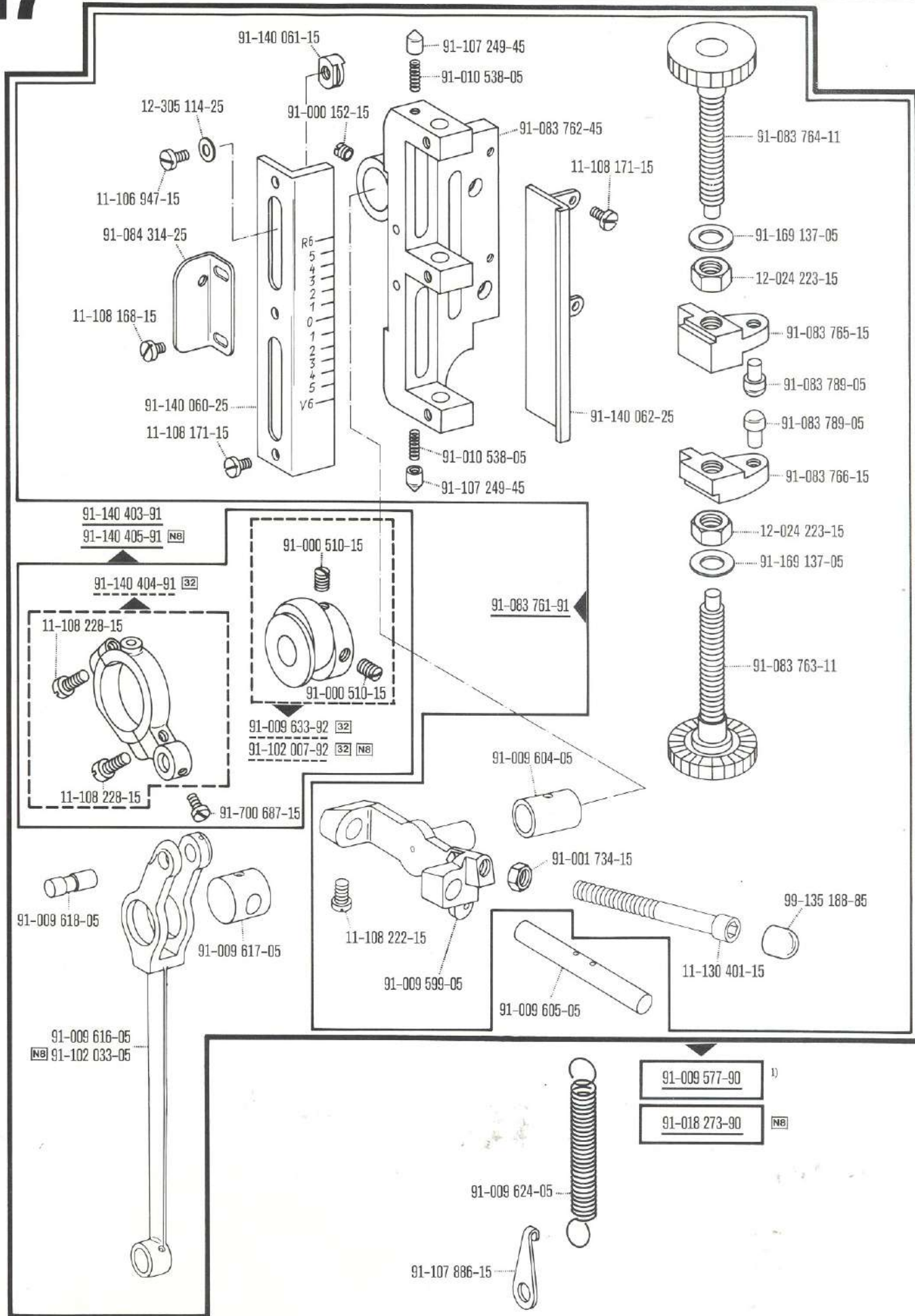


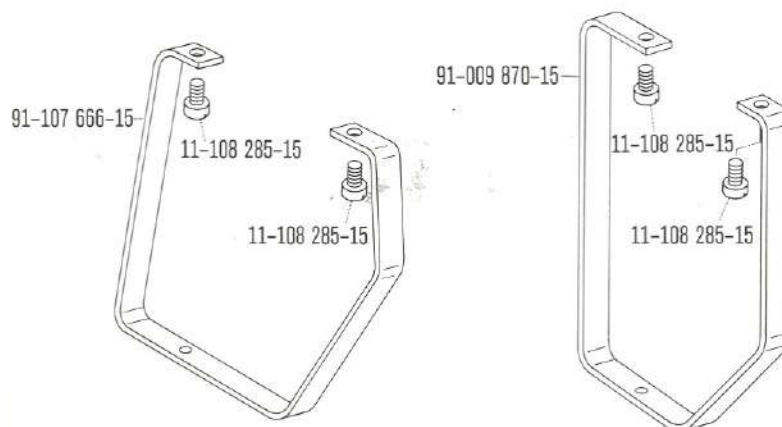
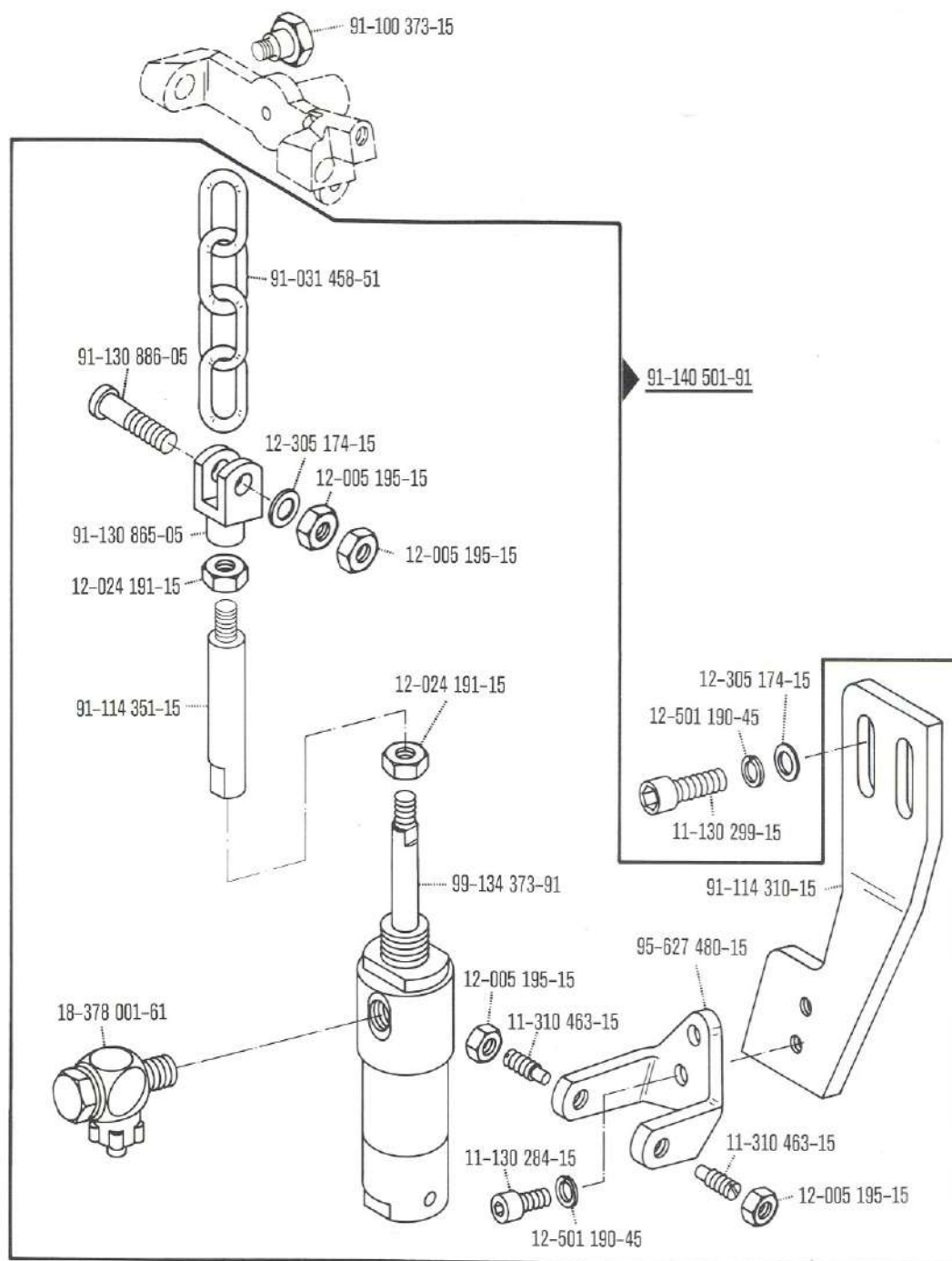


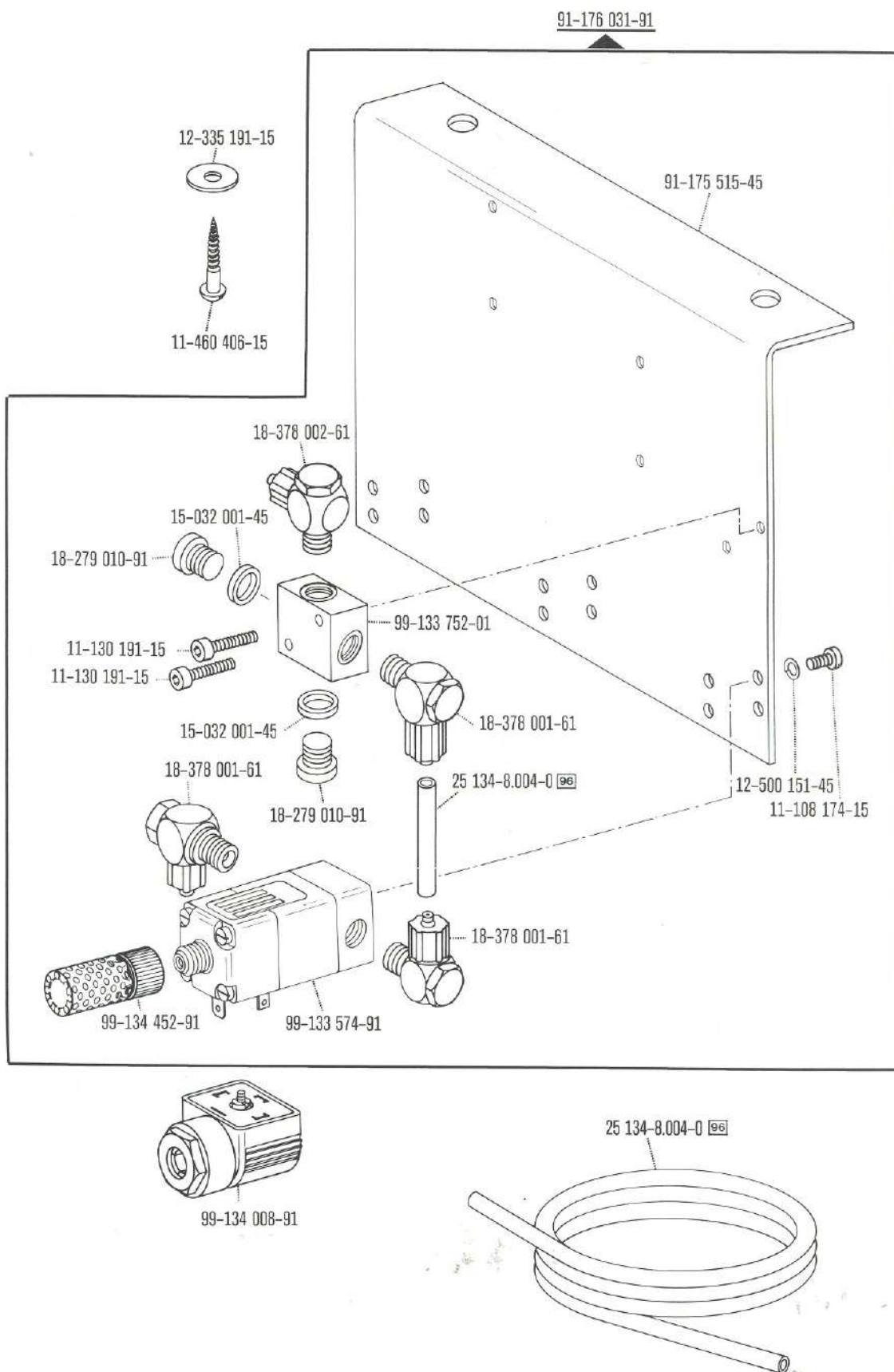
91-091 585-91 90/11

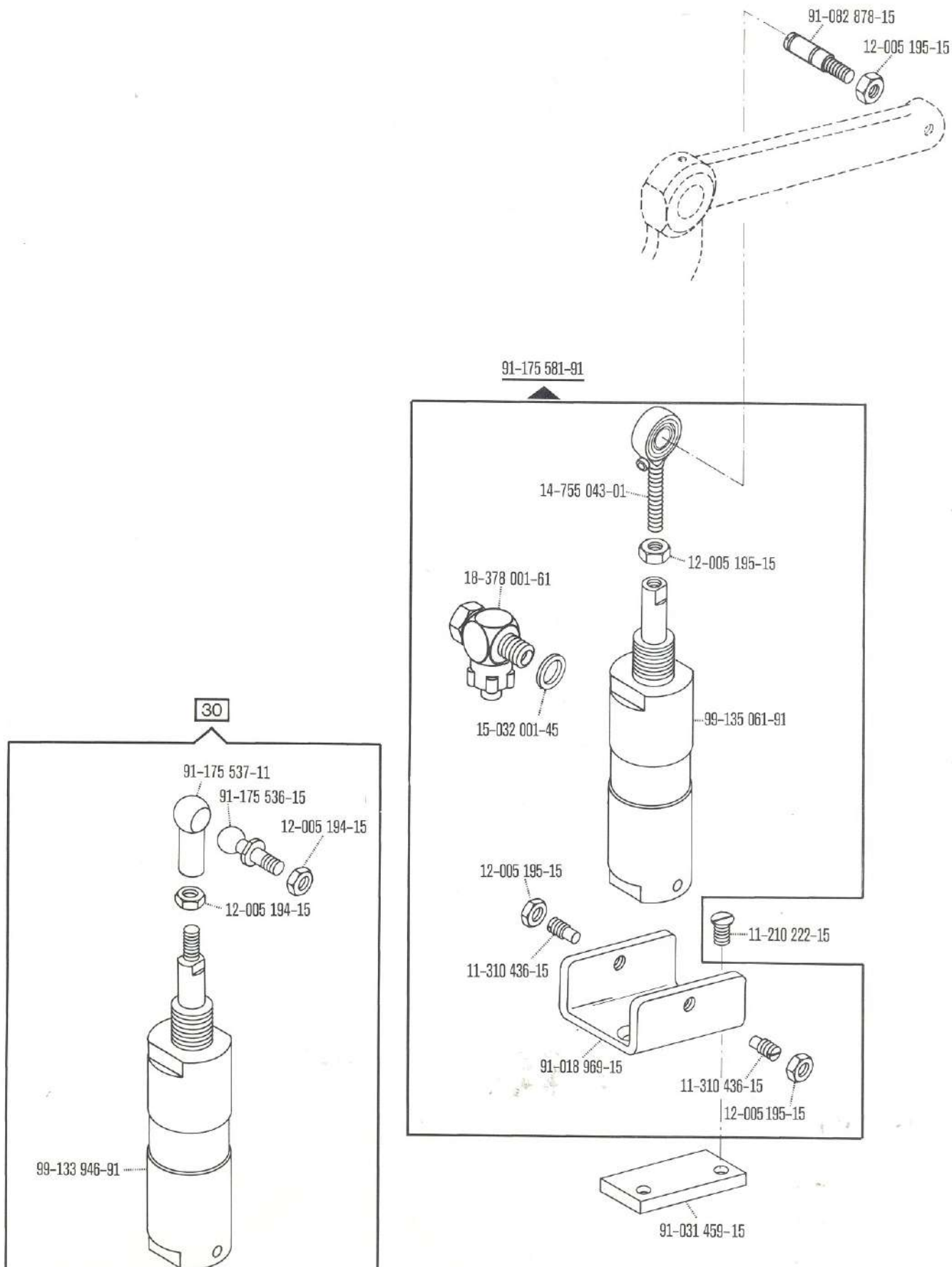


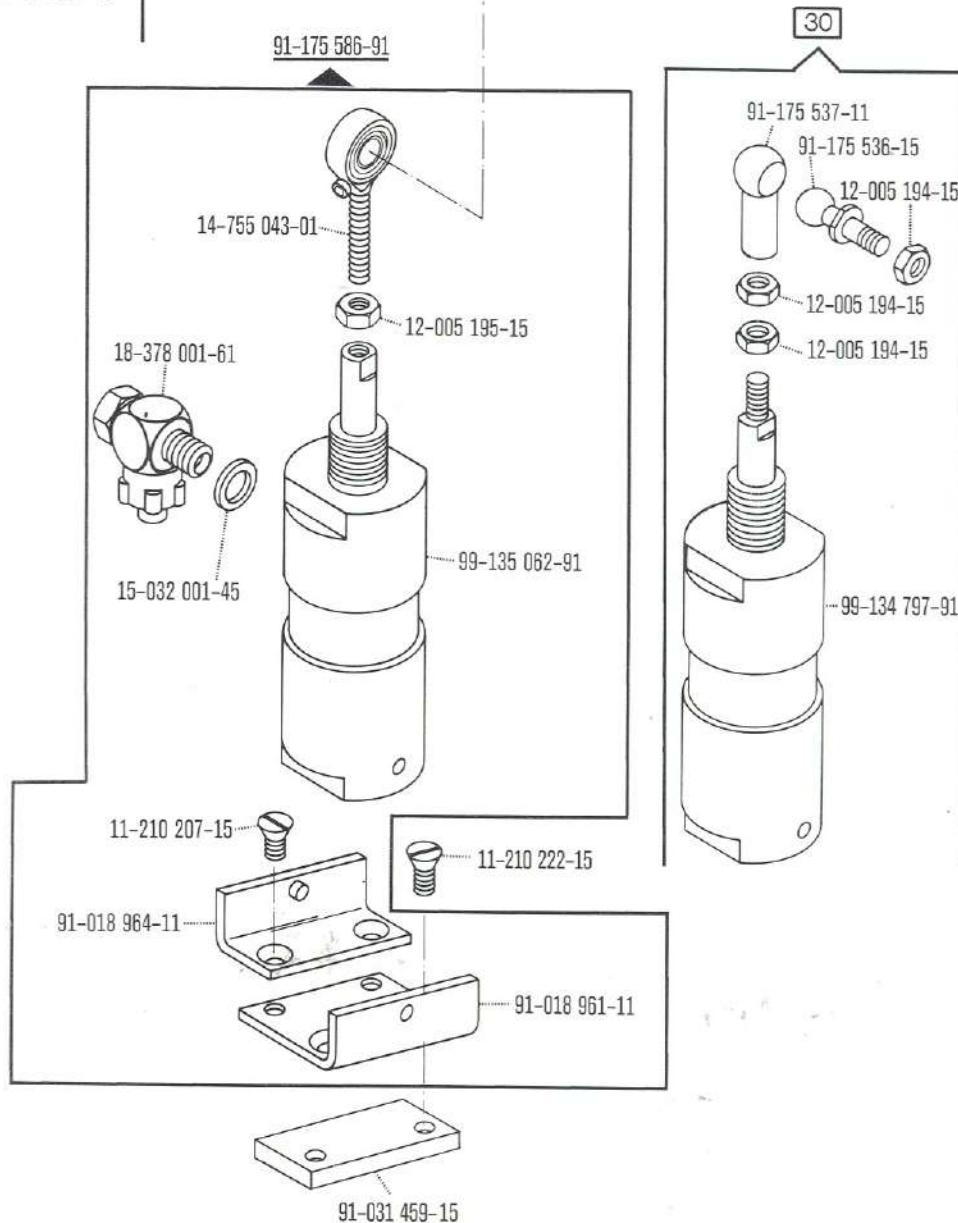
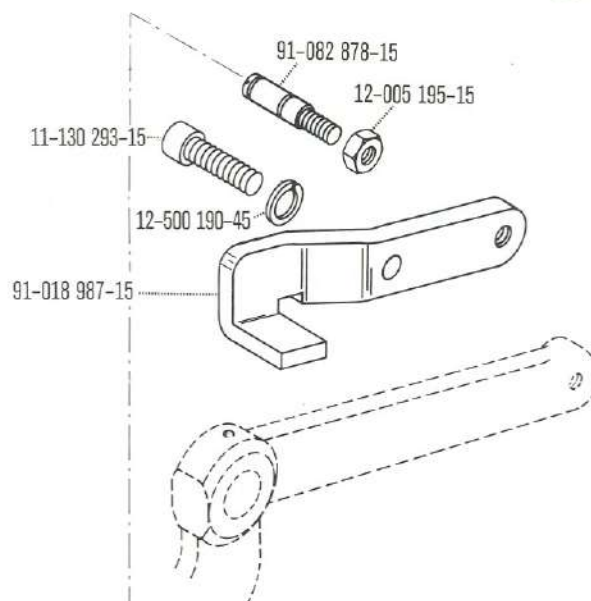
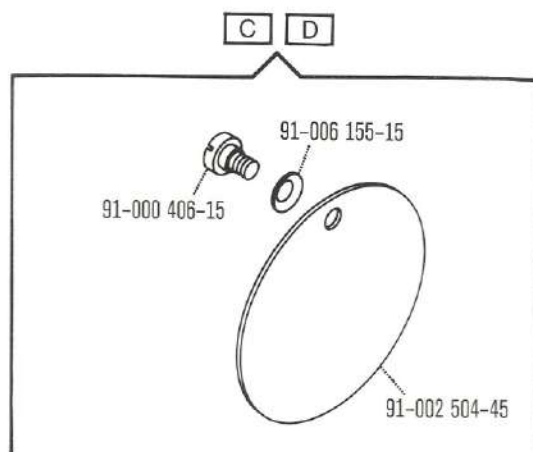


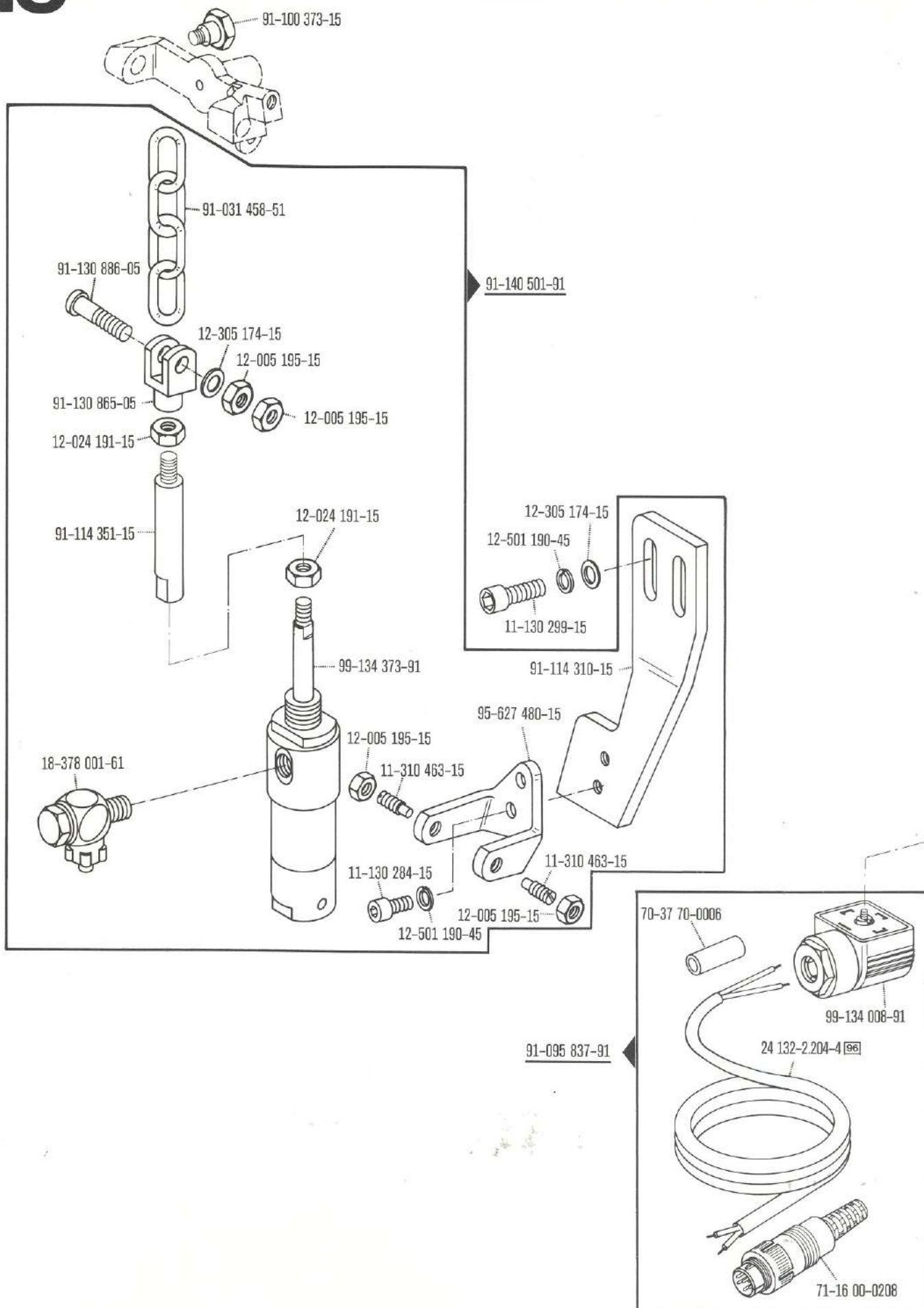












-911/15

-911/35

-911/36

zur · pour les
for · para las

Pfaff 146; 546

Wartungseinheit -925/.. erforderlich

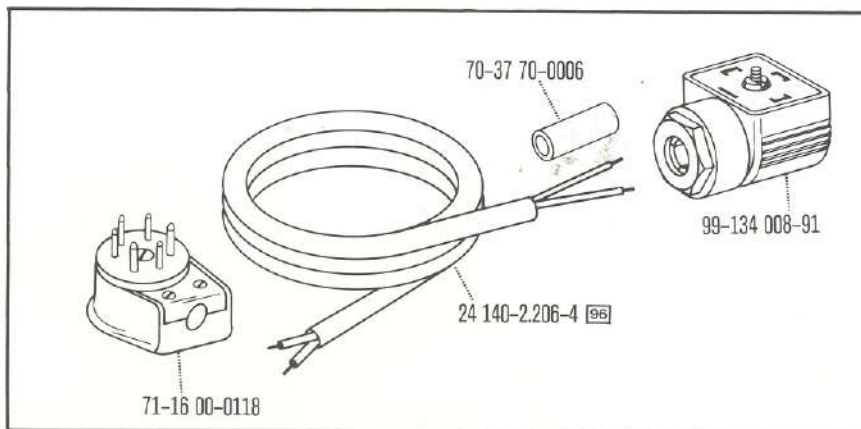
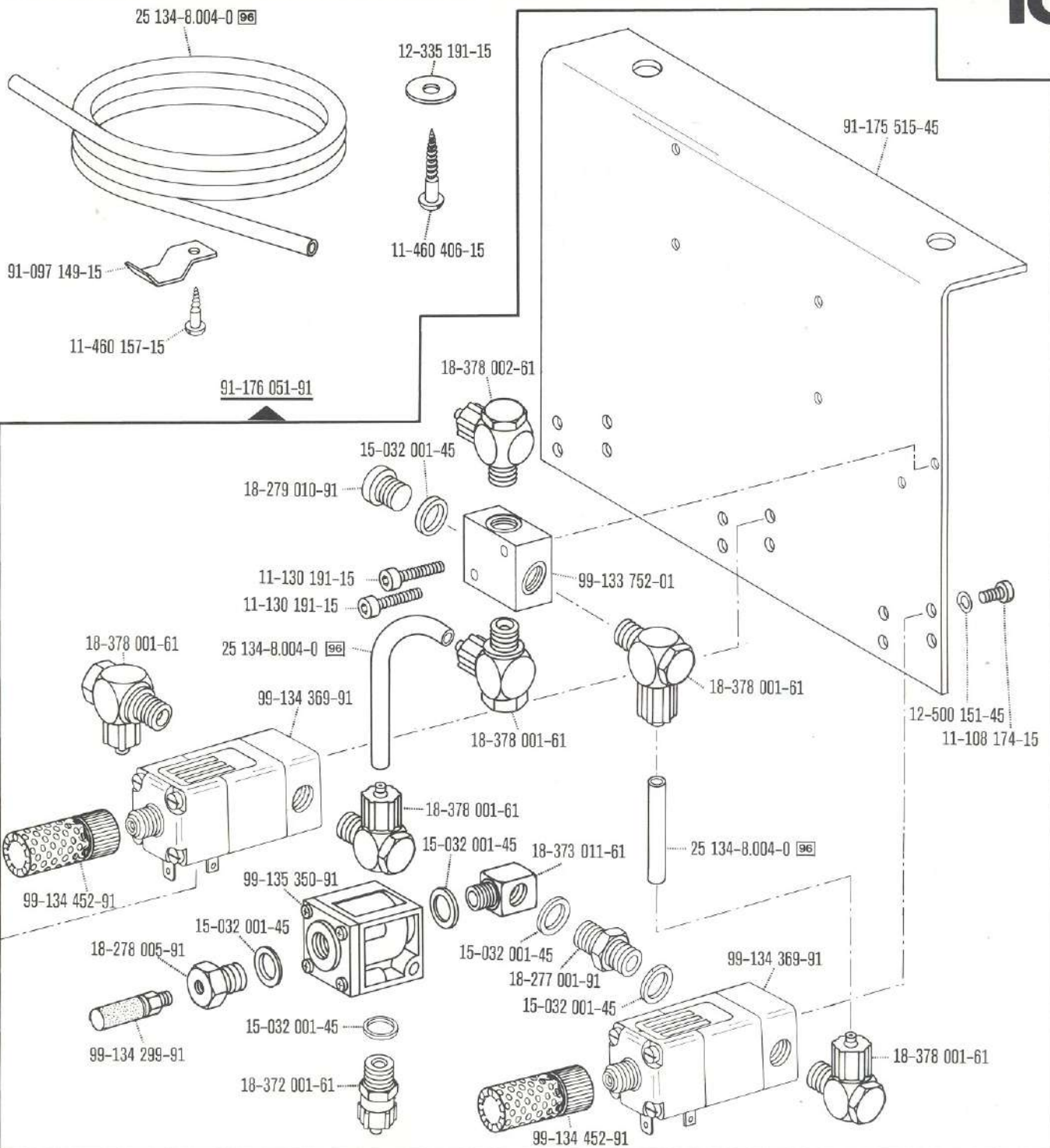
Conditioning unit -925/.. required

Conditionneur d'air comprimé -925/.. nécessaire

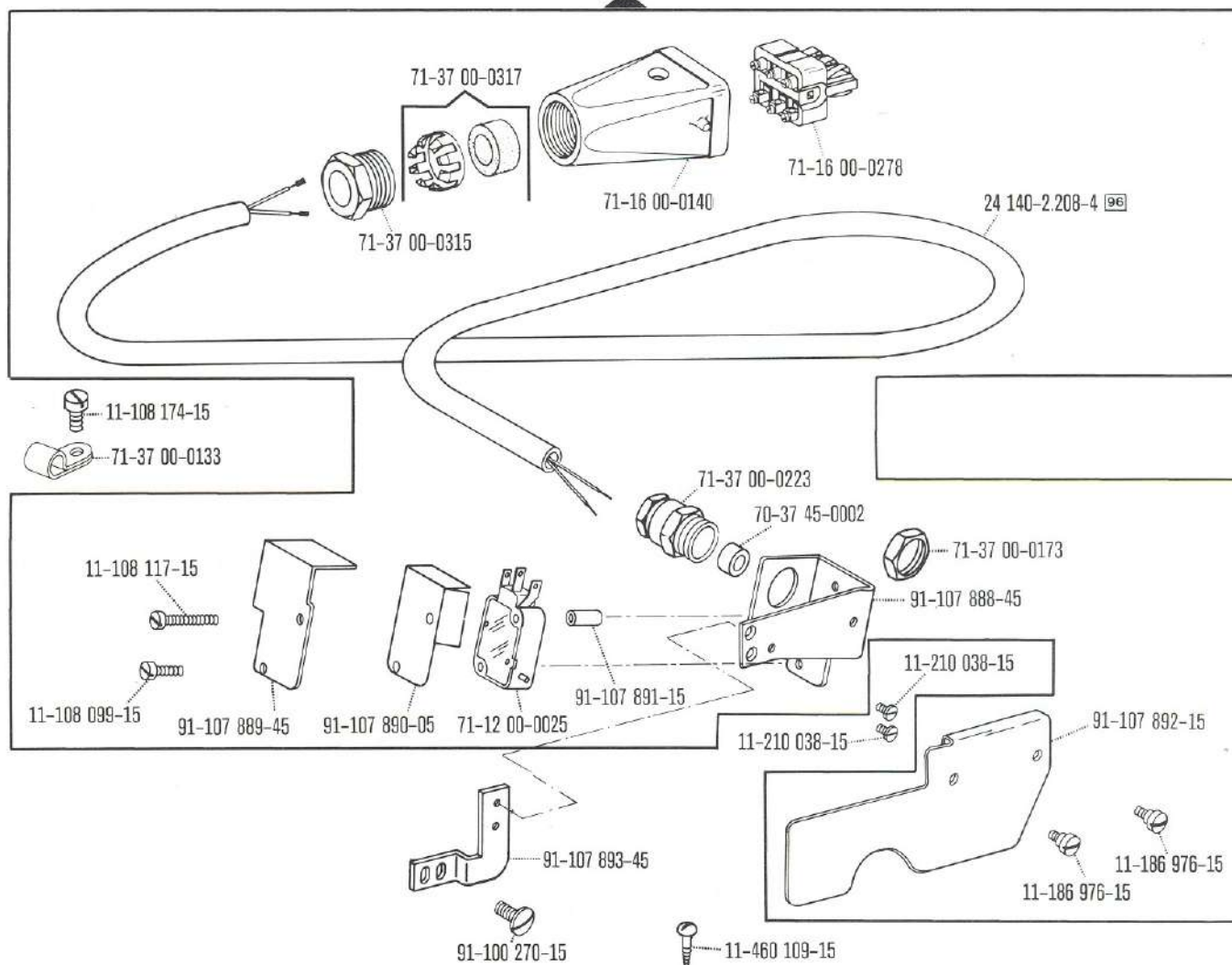
Requiere grupo acondicionador del aire comprimido -925/..

7.81

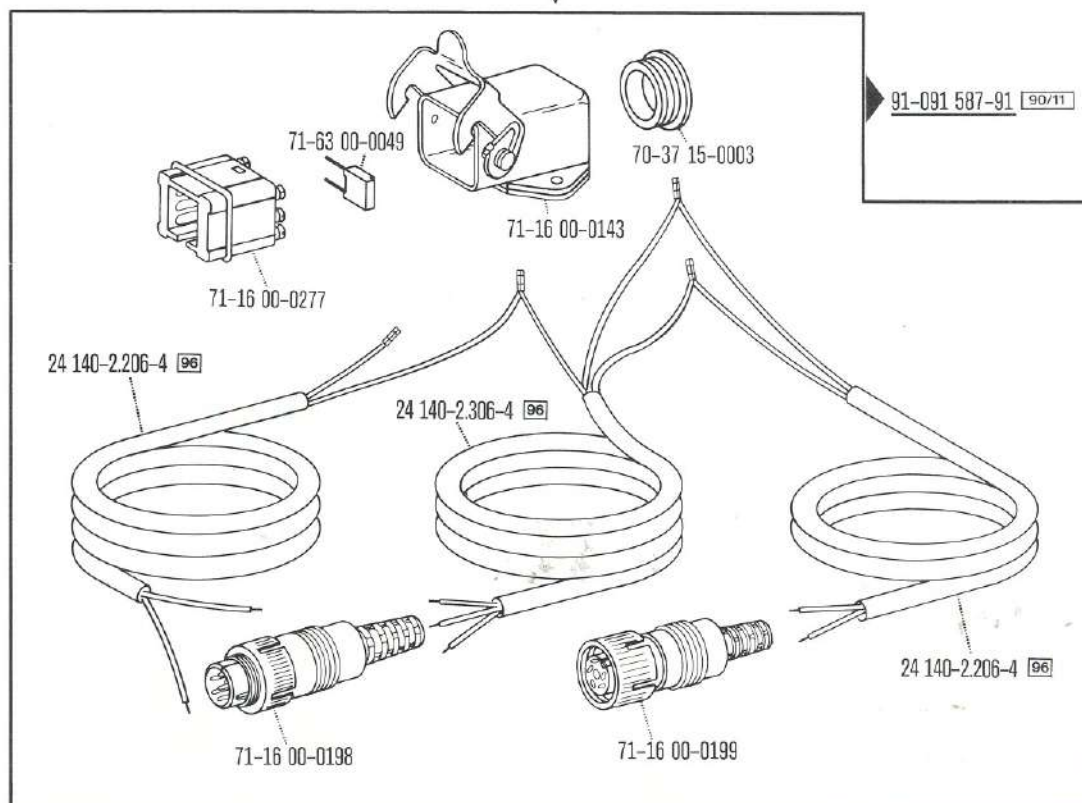
18



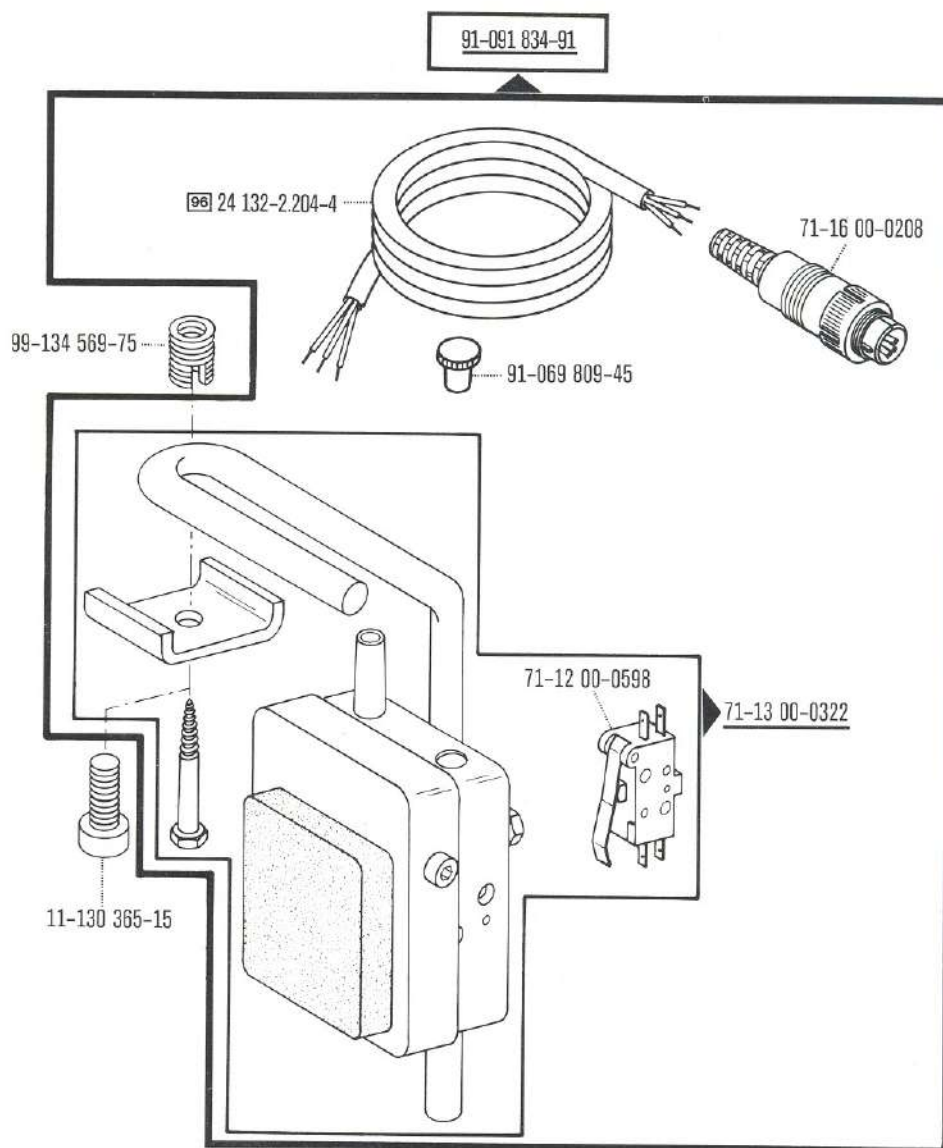
91-091 585-91 90/11



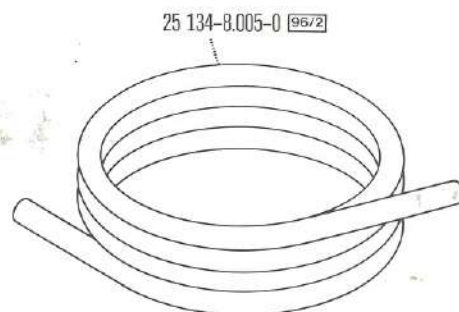
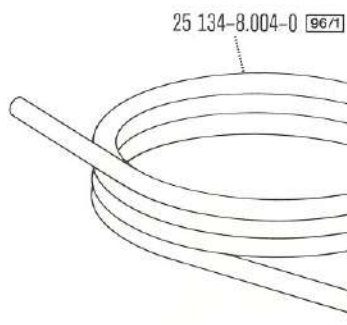
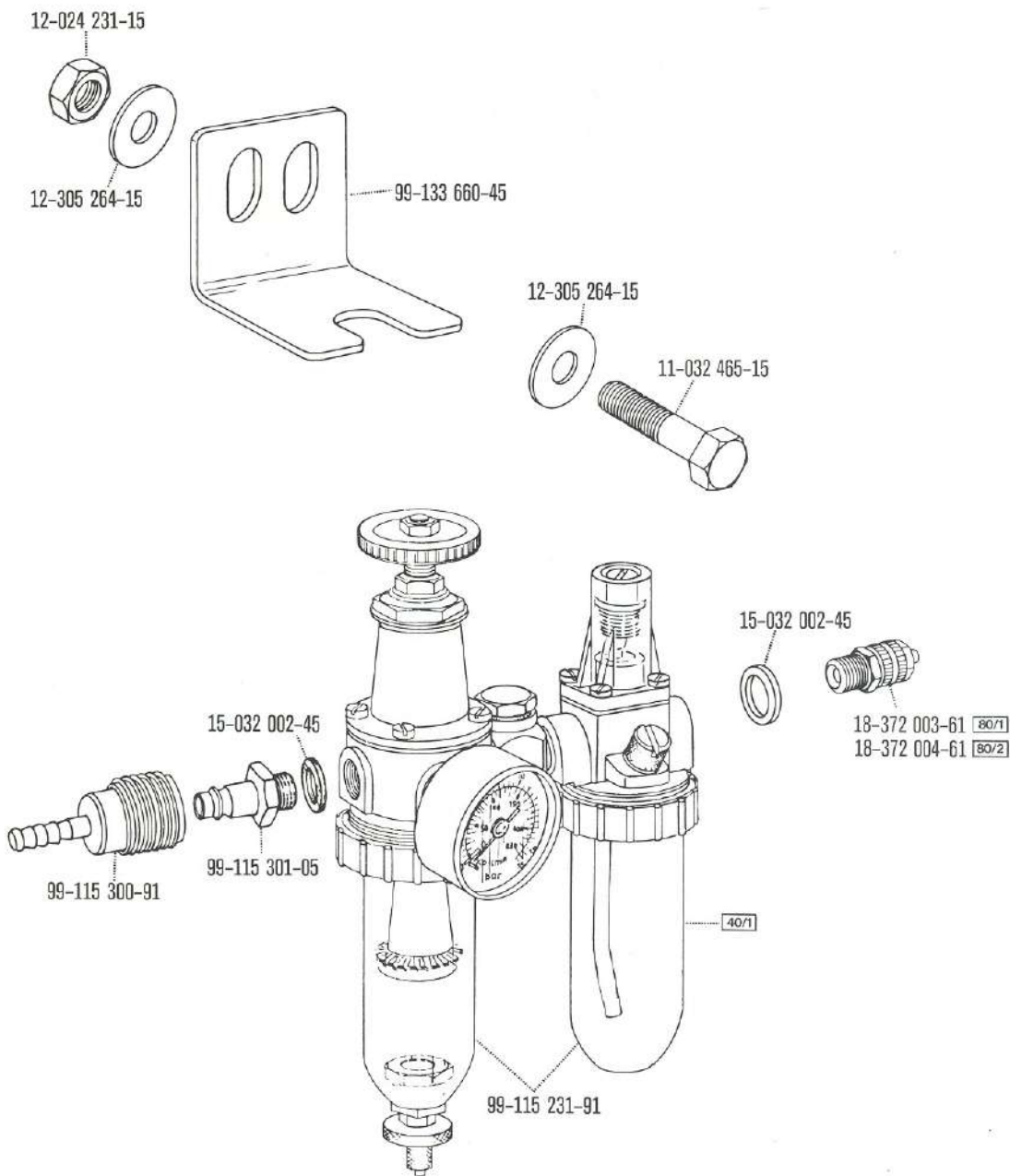
71-37 00-0309



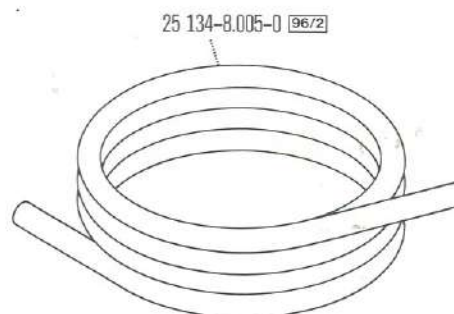
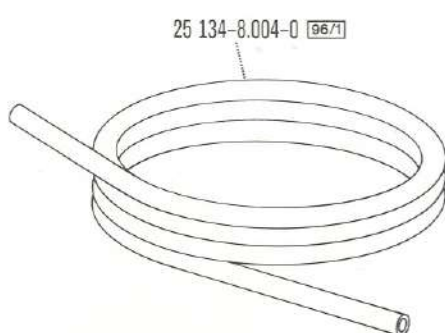
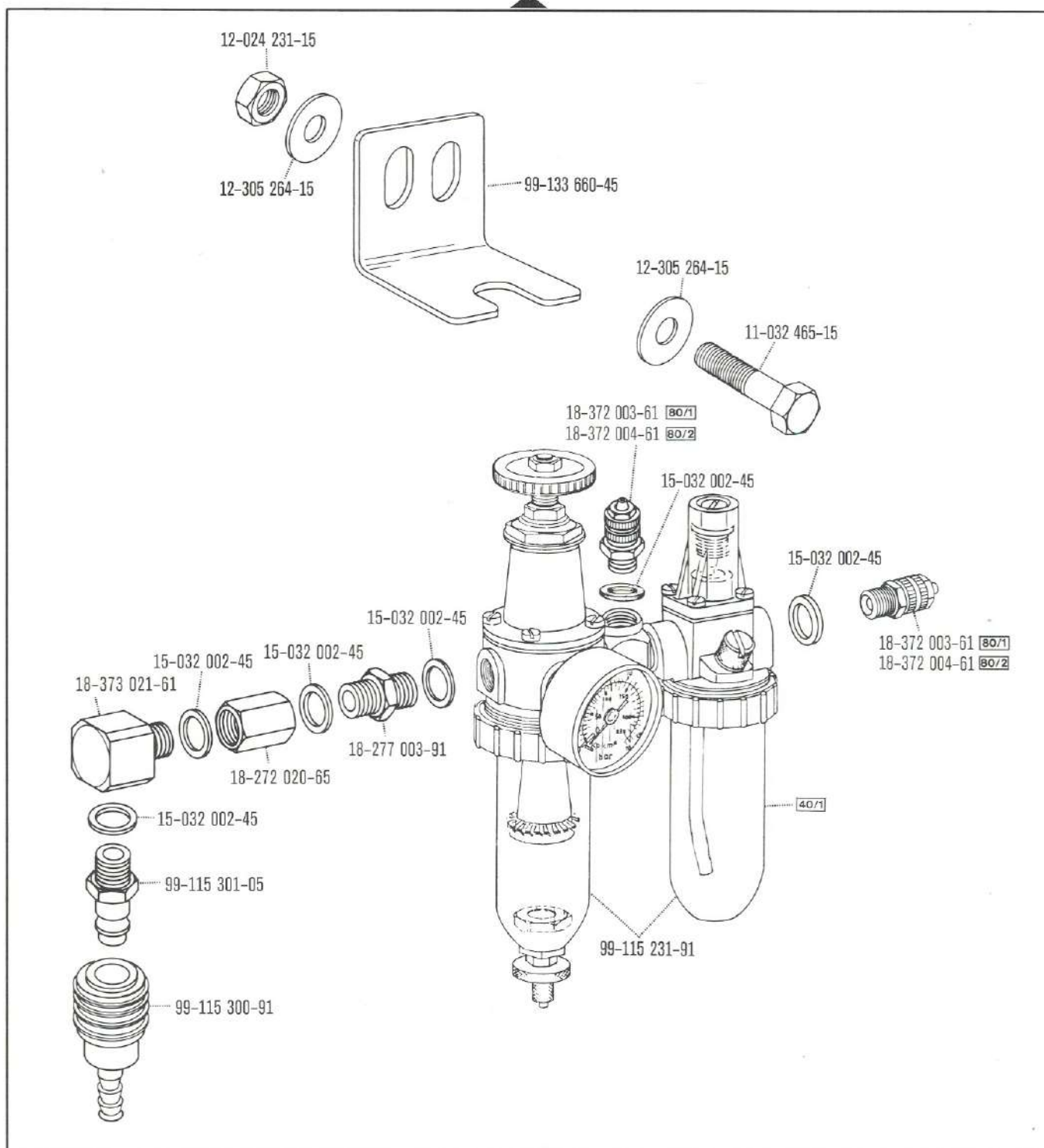
91-091 587-91 90/11



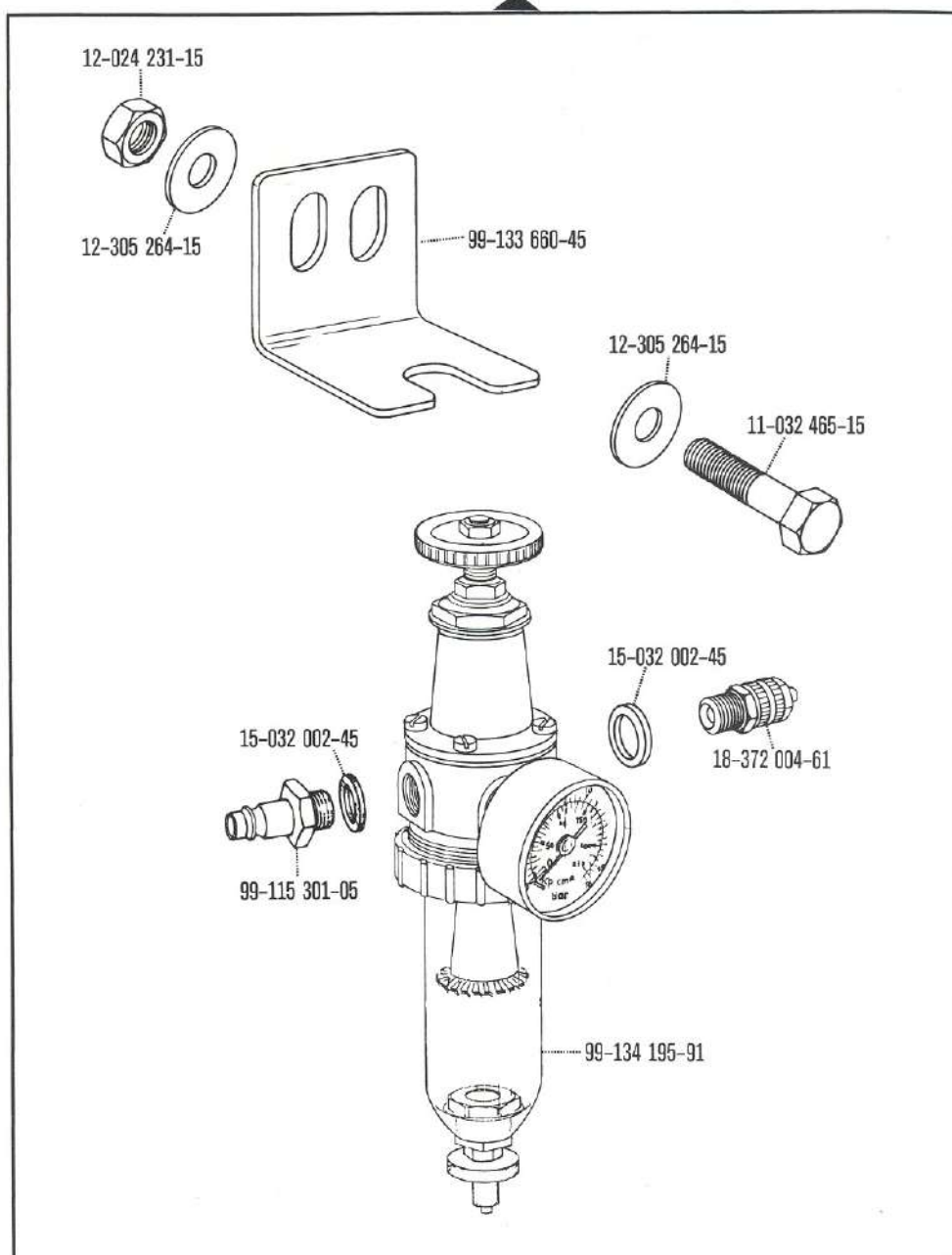
91-171 462-90



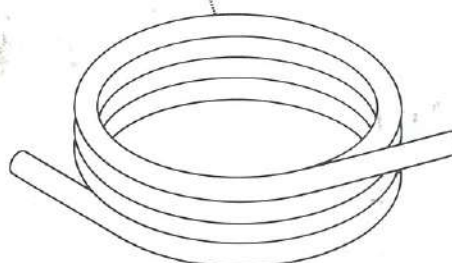
91-082 231-90



91-033 073-90

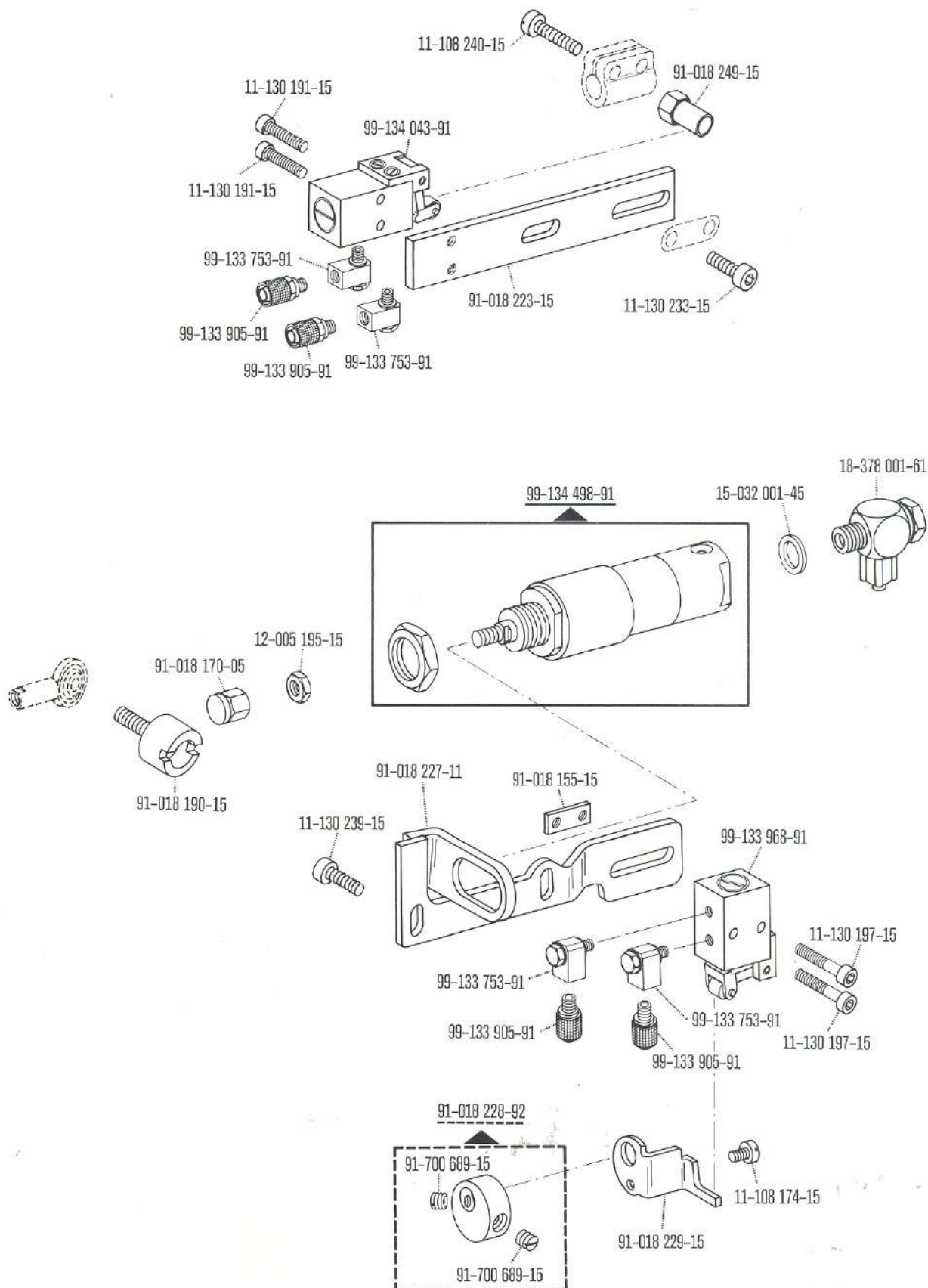


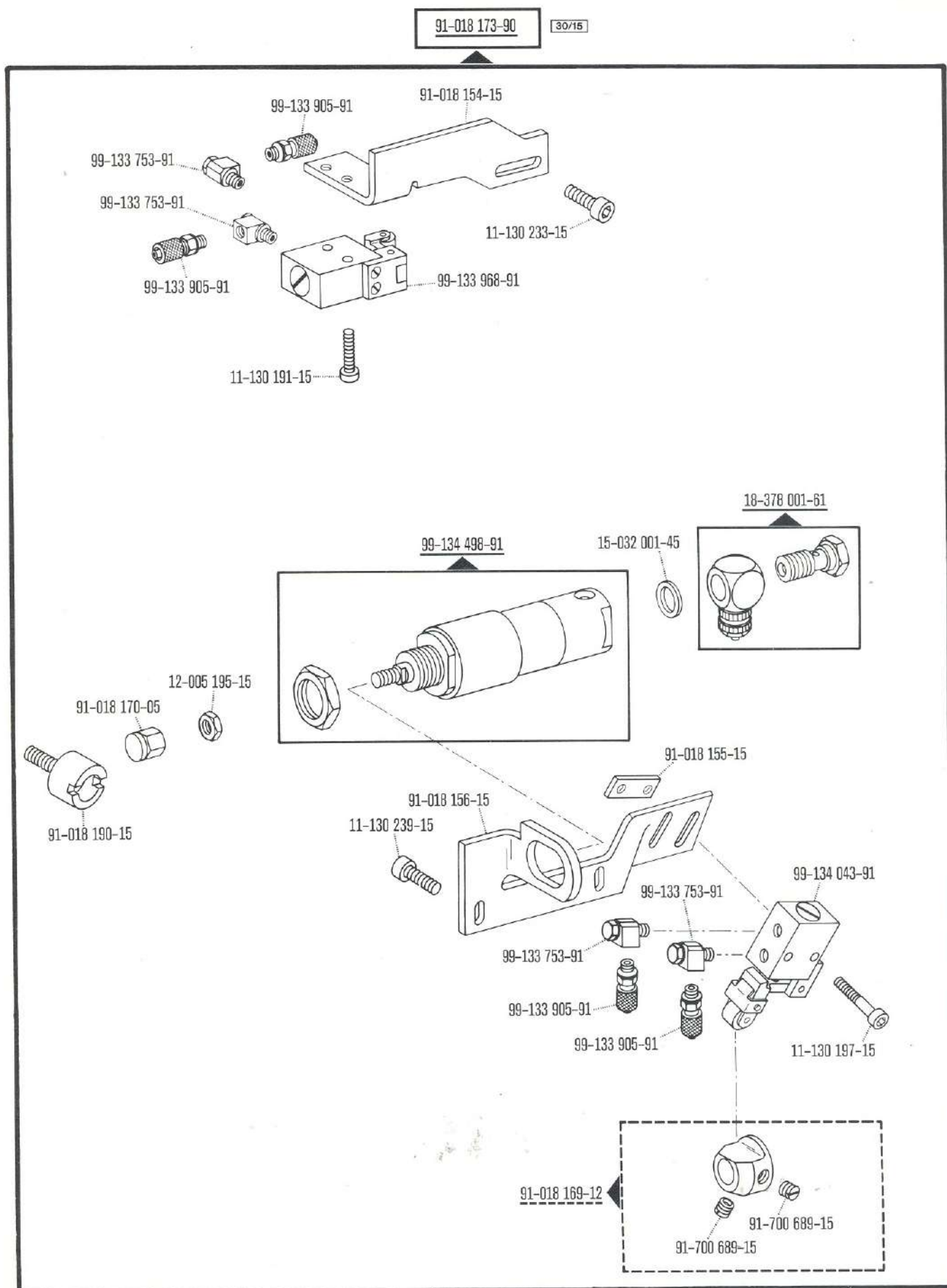
25 134-8.005-0 96



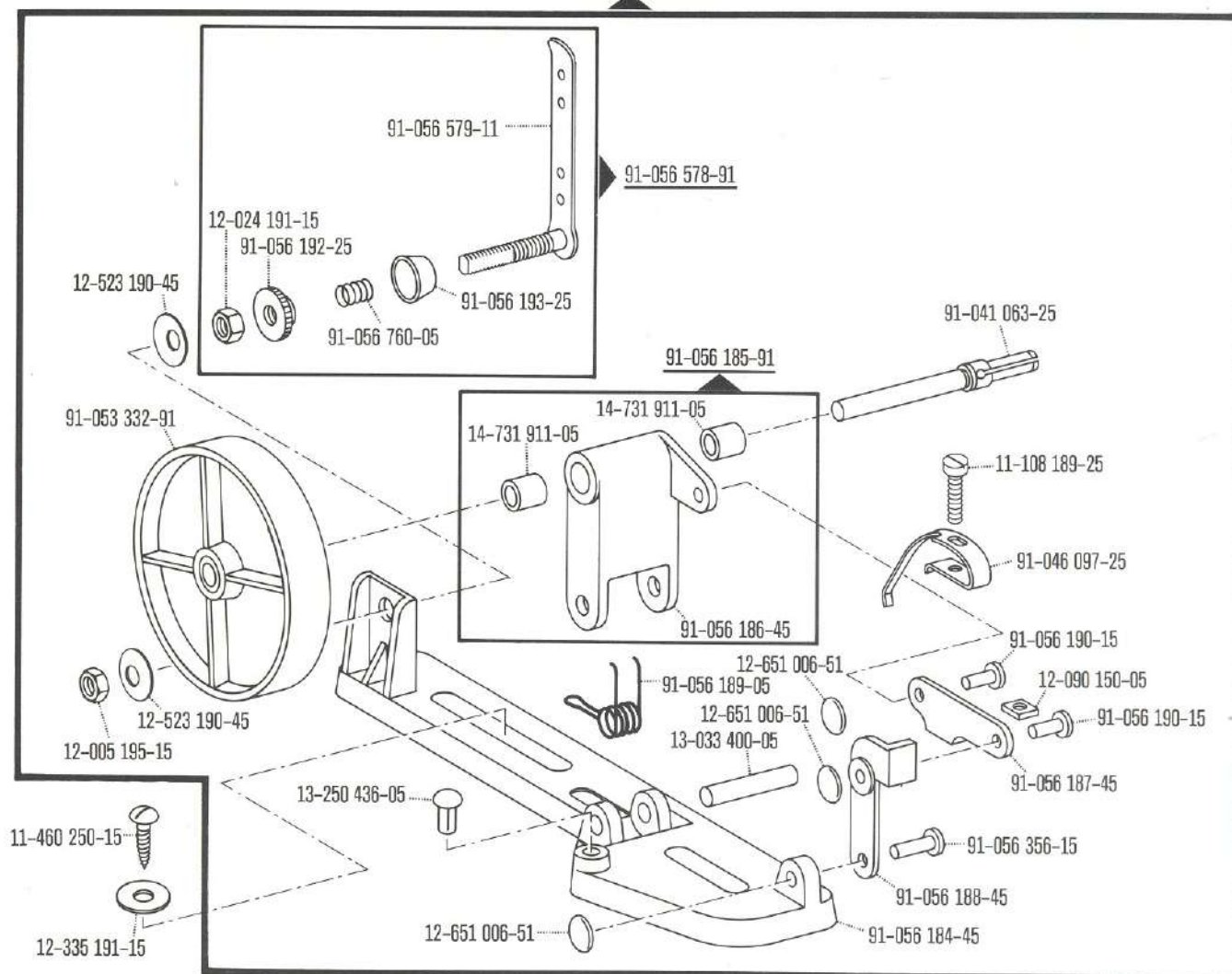


91-018 173-90



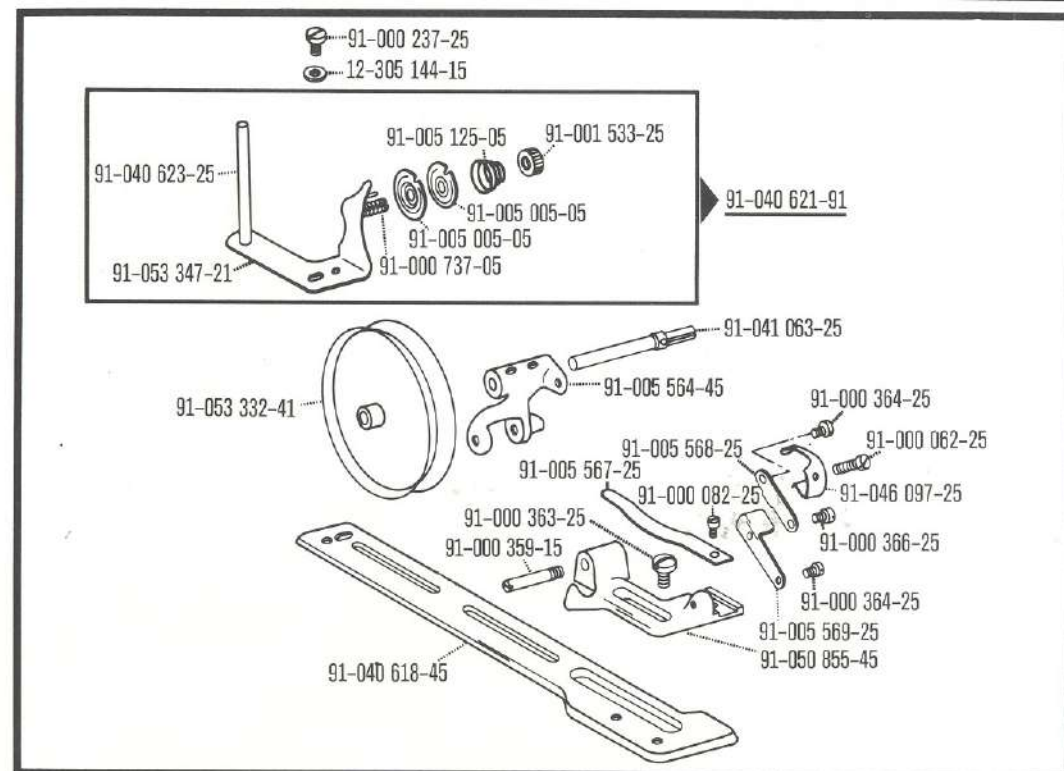


91-056 183-91

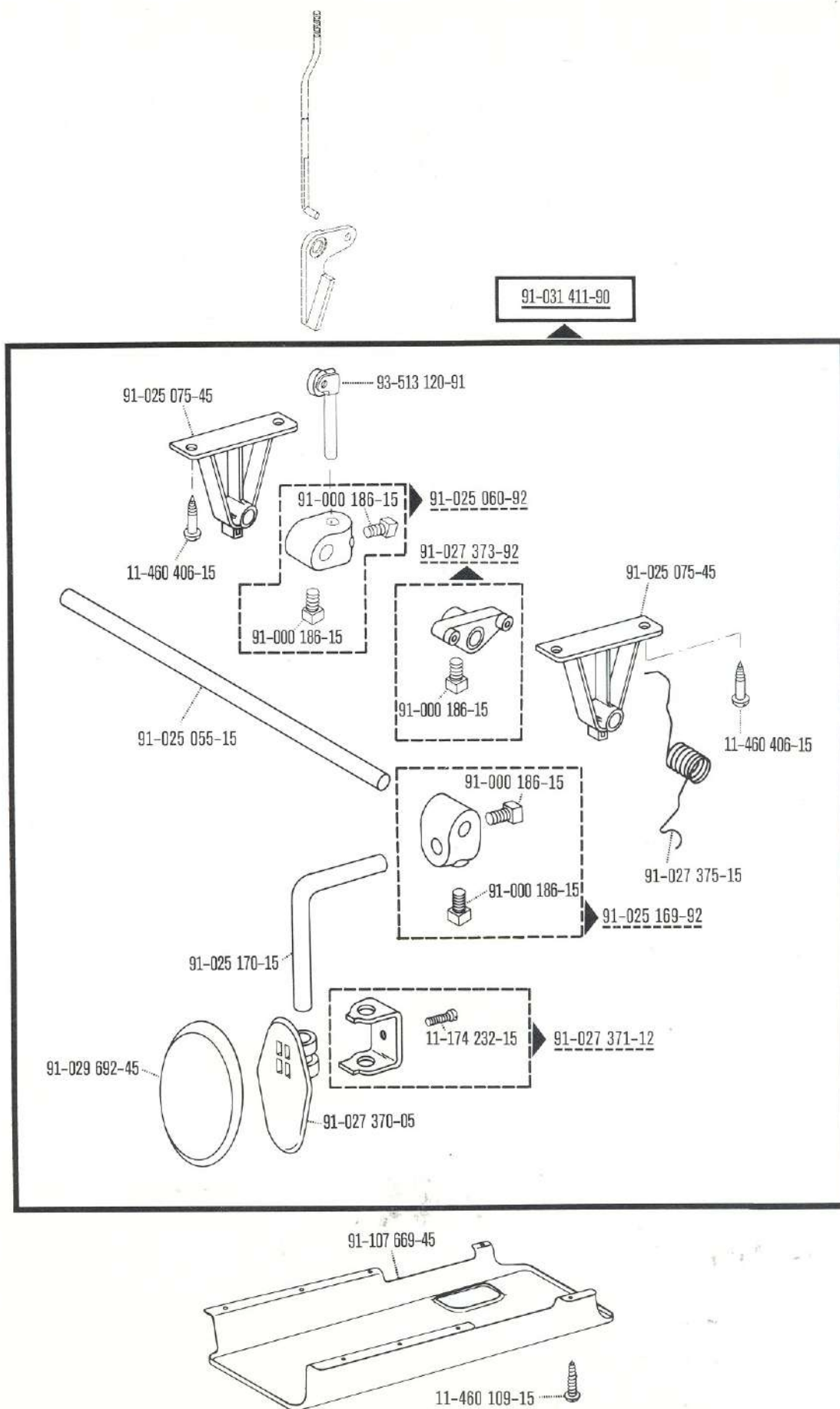


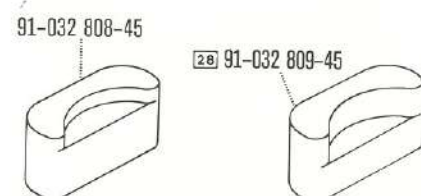
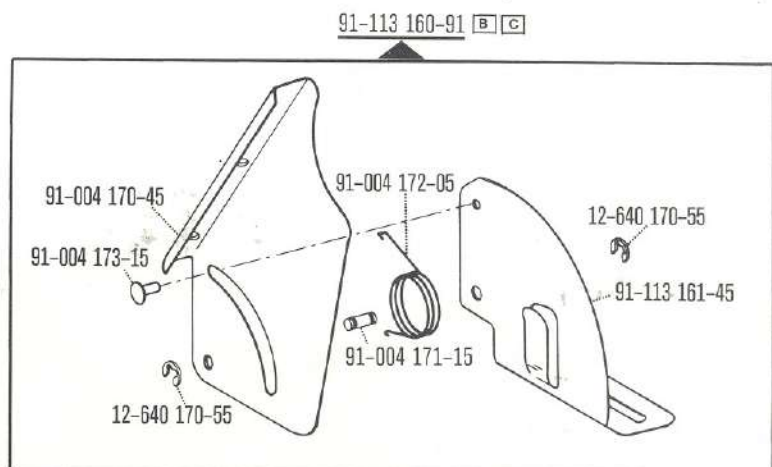
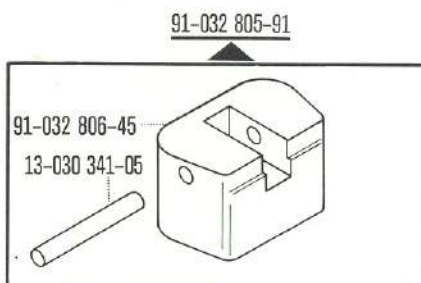
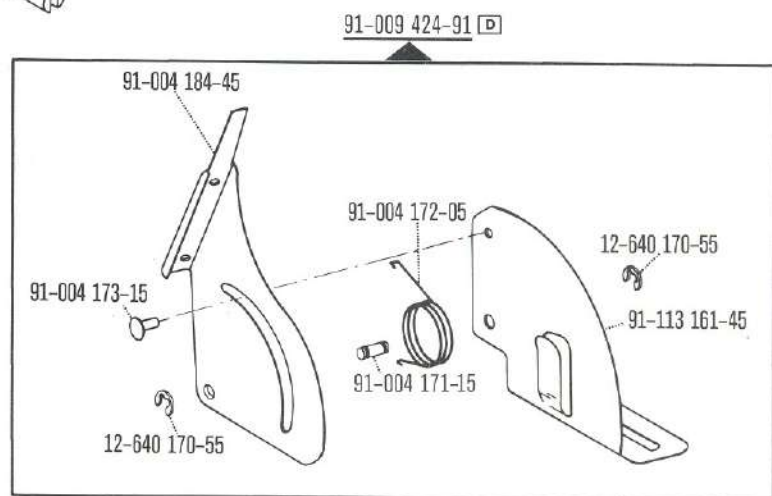
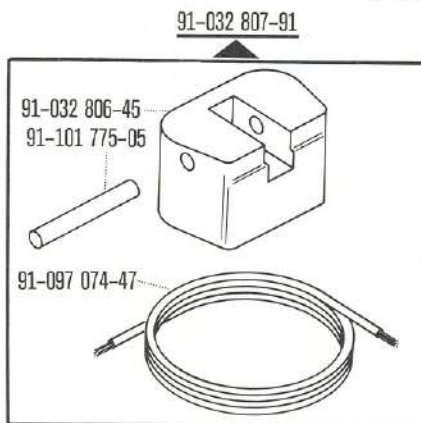
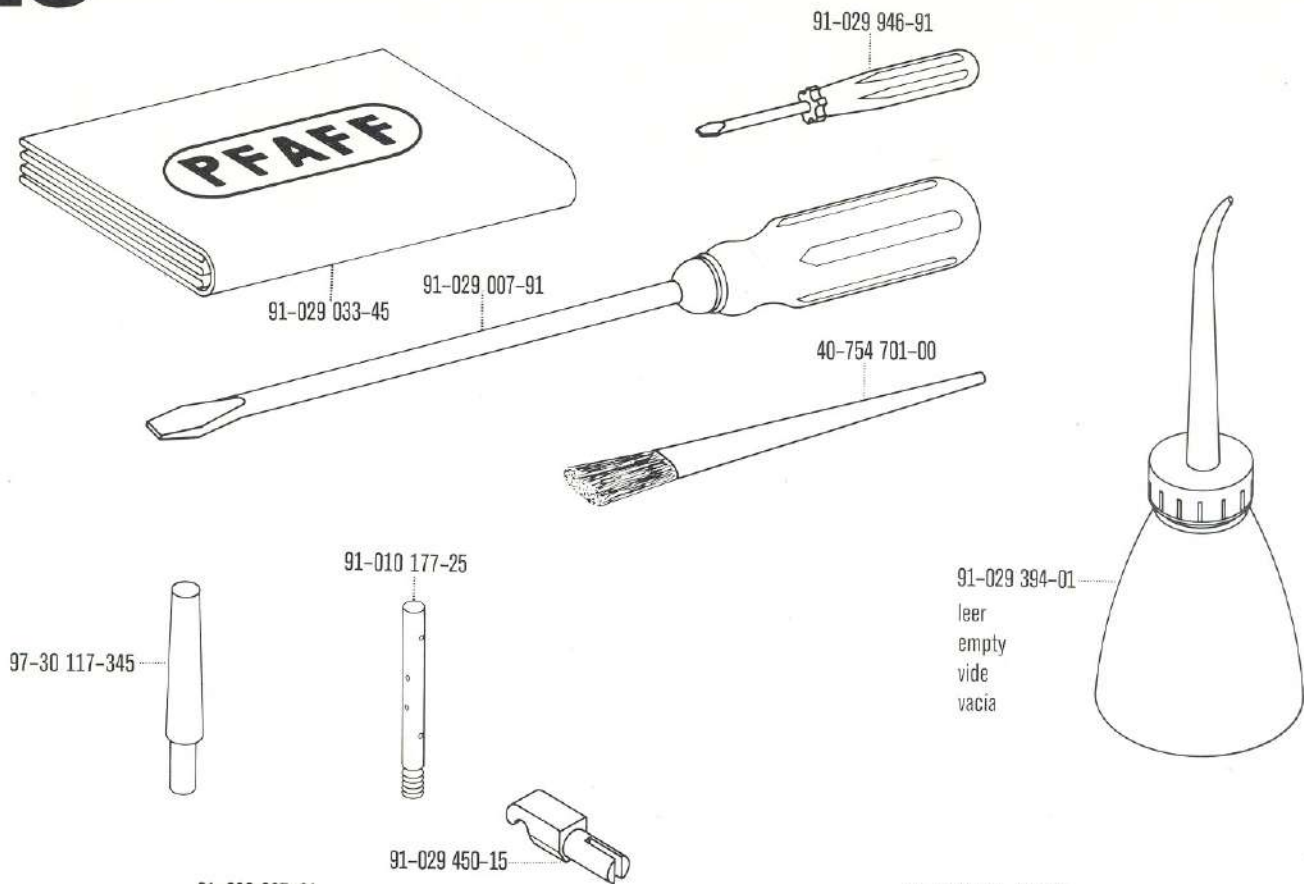
91-000 237-25

12-305 144-15

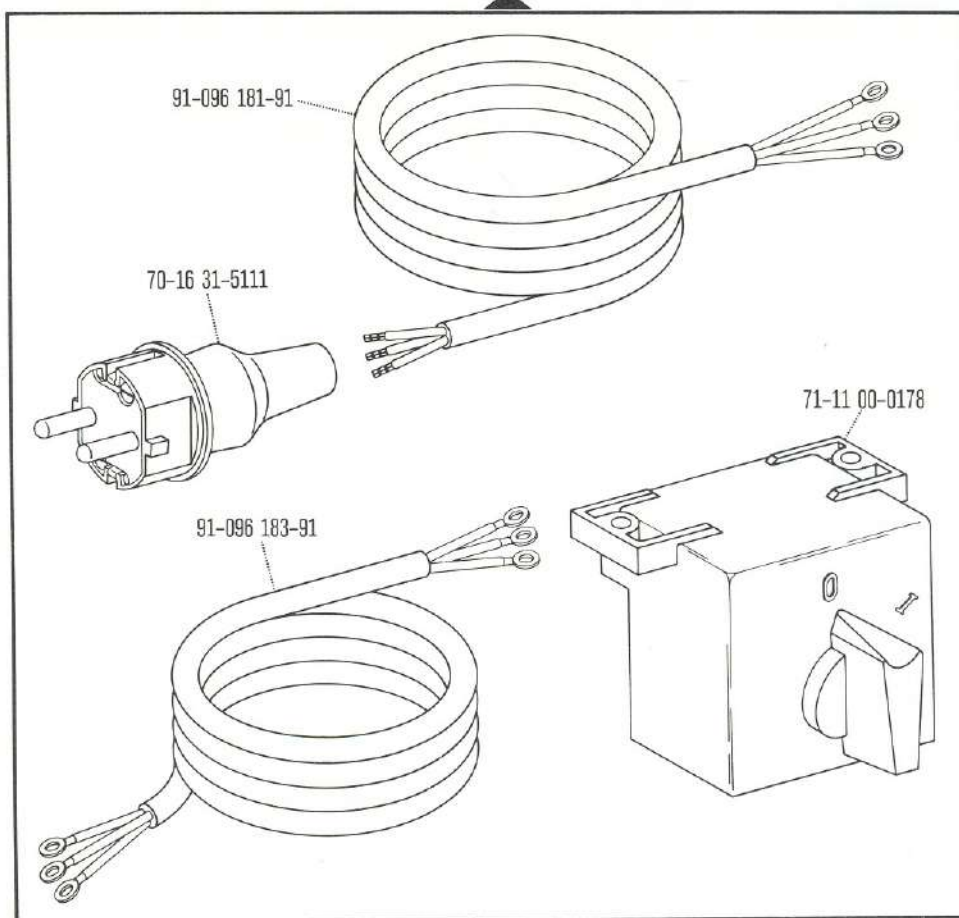


91-041 085-91





91-096 178-91 90/1



91-095 103-91 90/2

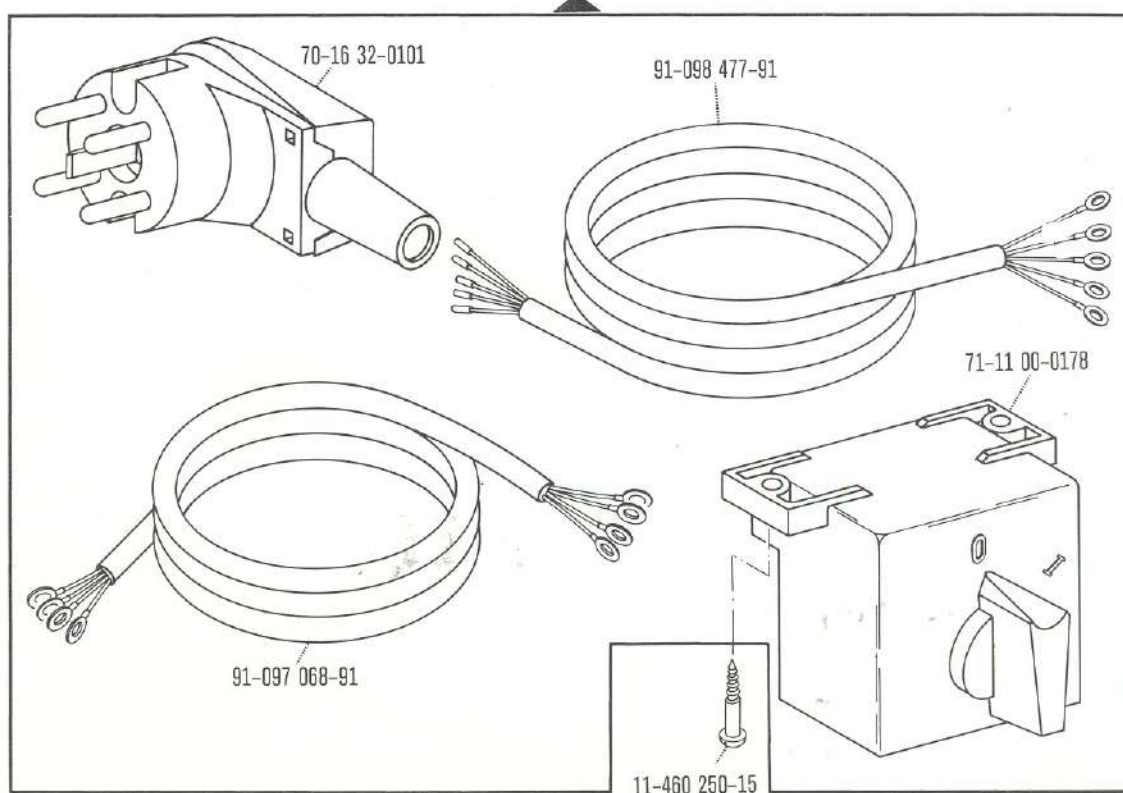
71-37 00-0108

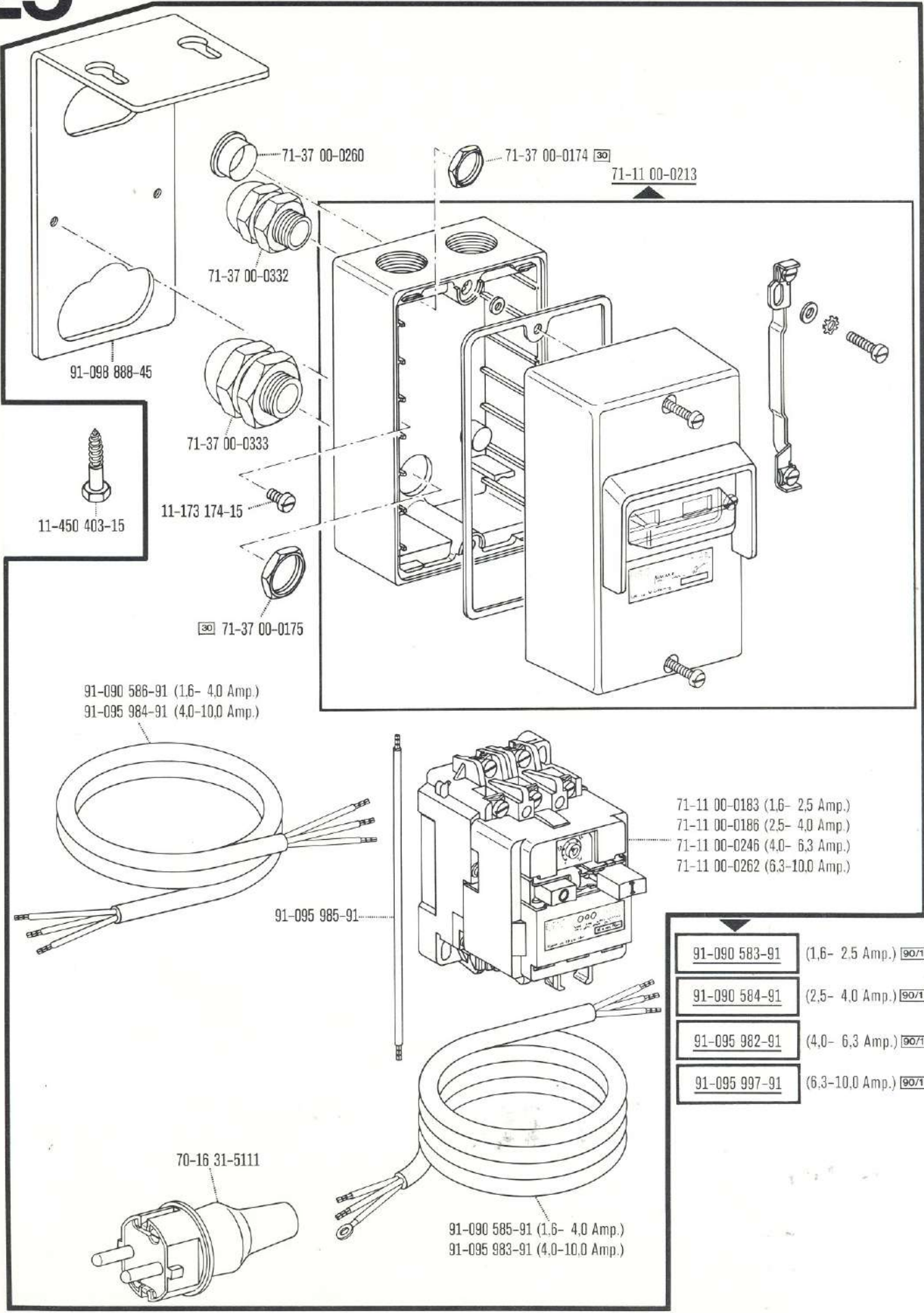


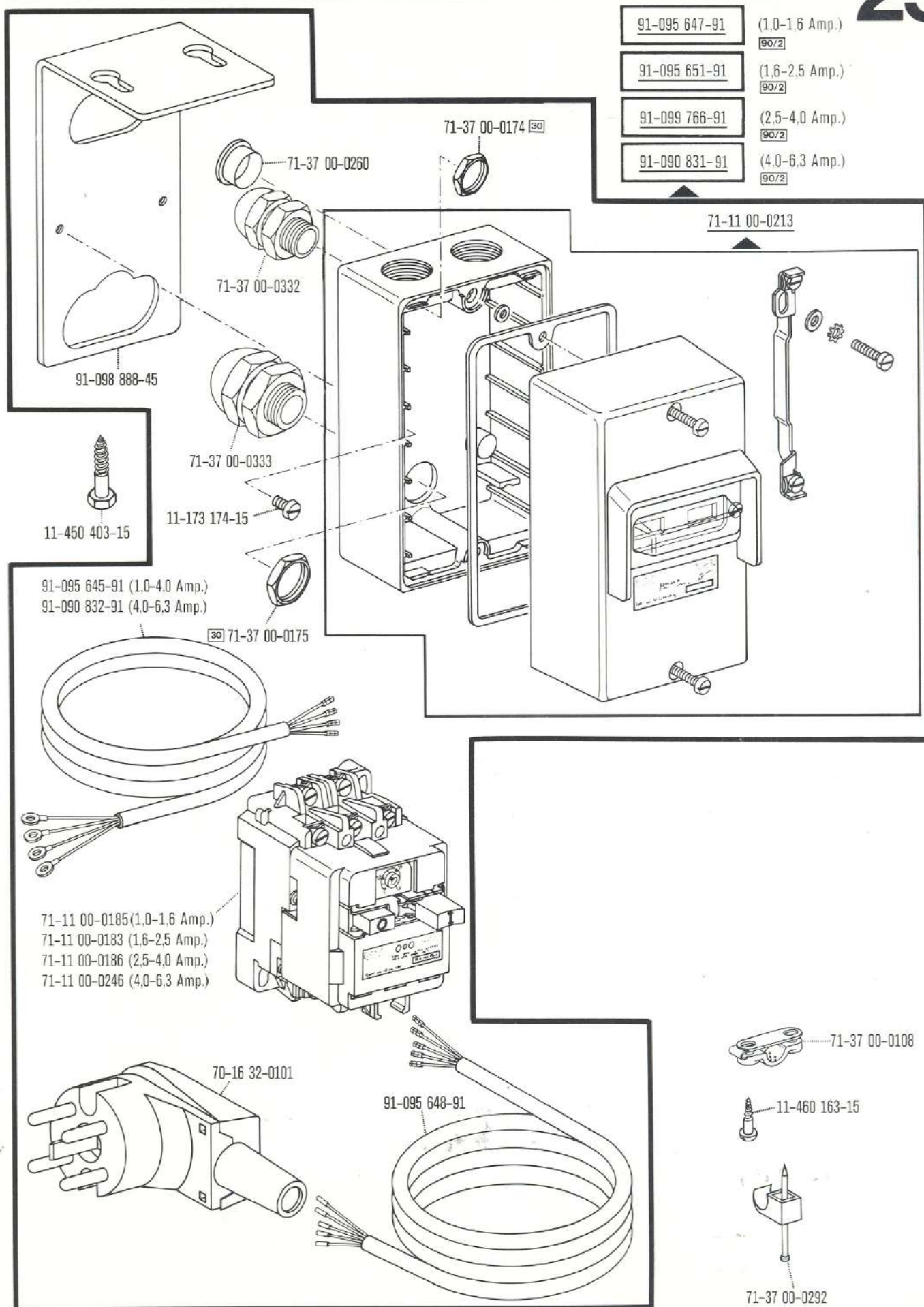
11-460 163-15

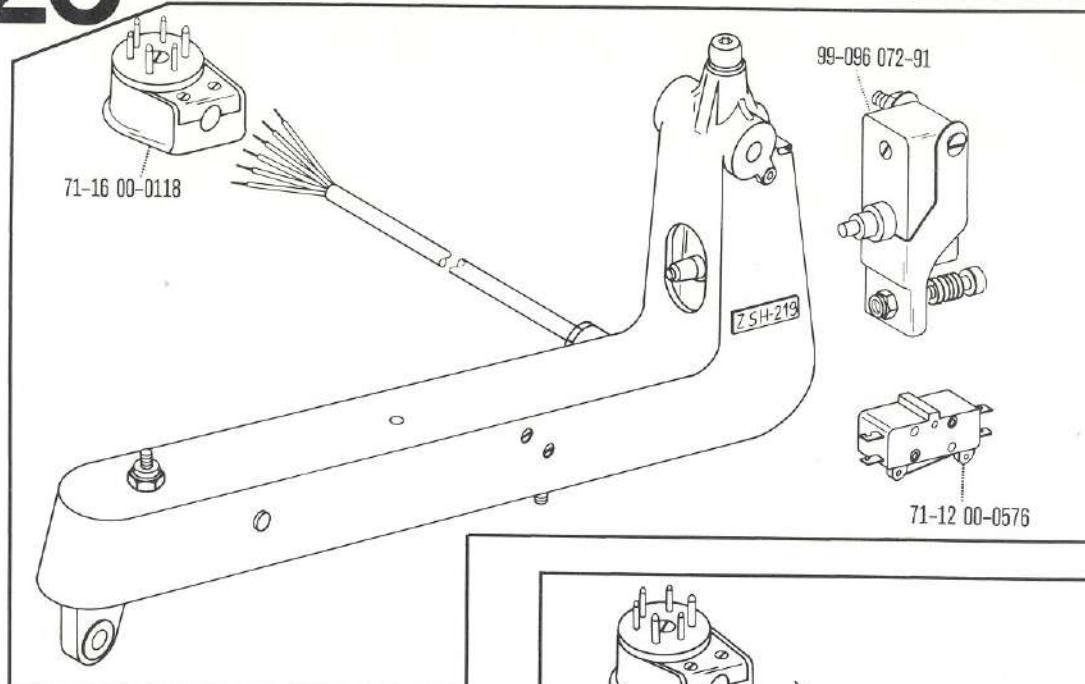


71-37 00-0292



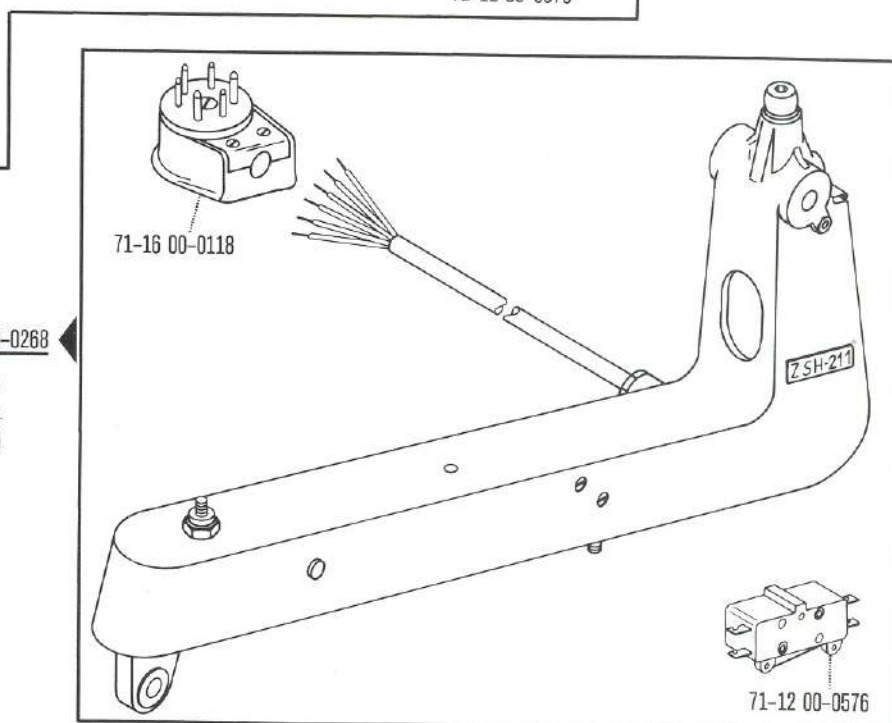






71-59 00-0259 ^{90/7}

(-900/11;
-900/16;
-913/02)

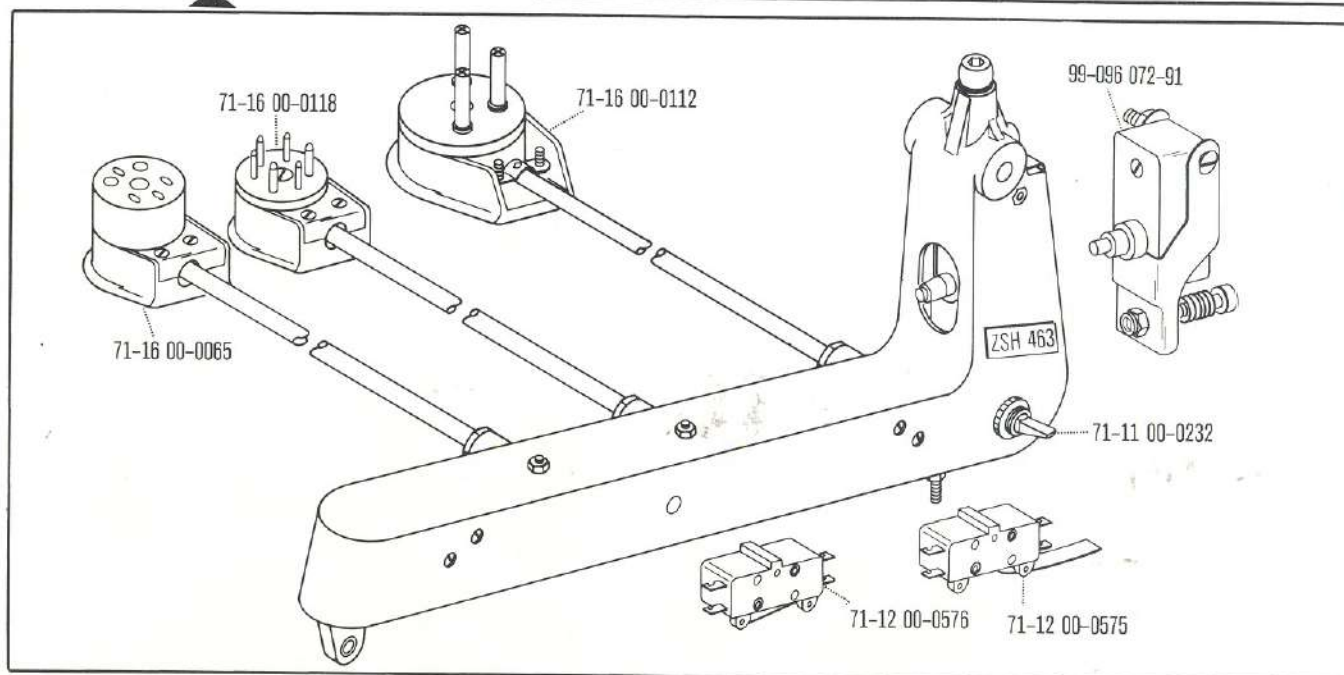


71-59 00-0268

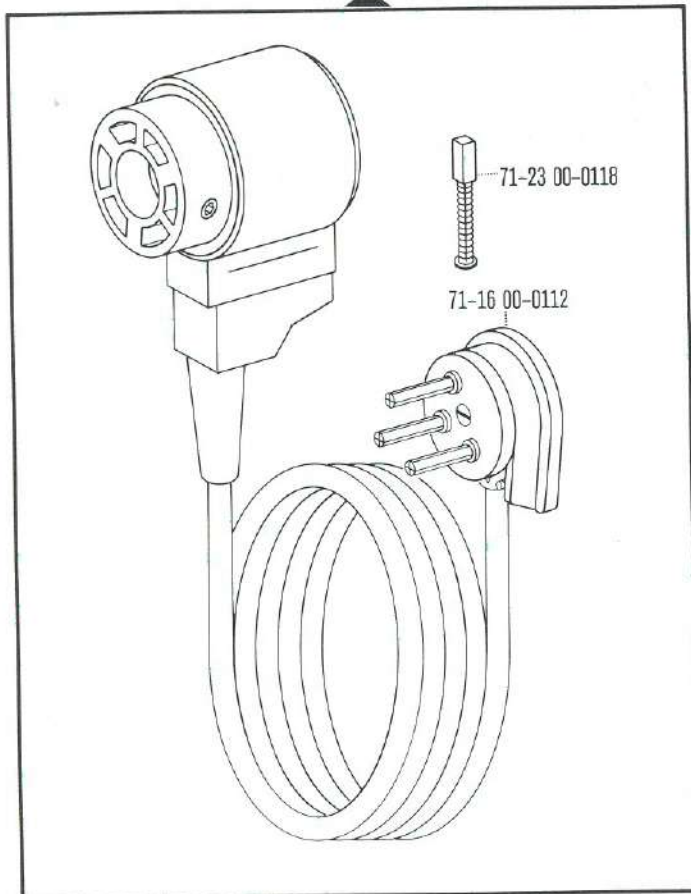
(-900/11;
-900/16;
-913/02)

71-59 00-0237 (-900/11-910/..
-900/16-910/..)

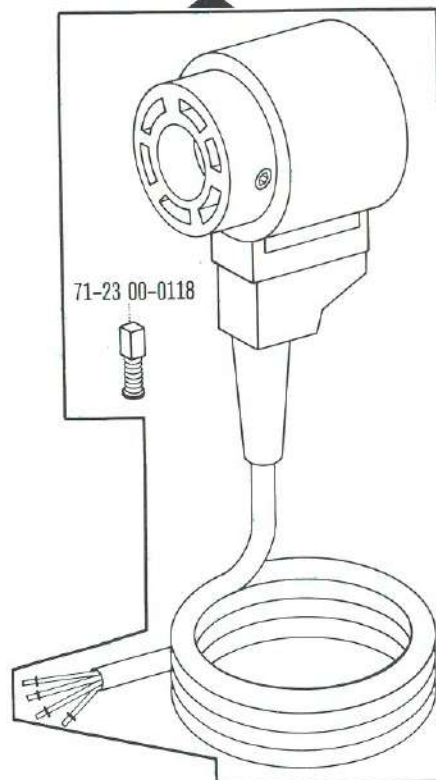
(nur bei Quick-Hebel-Stop-Motor NDK 700)
(on lever-operated NDK 700 Quick-Stop motor only)
(uniquement pour moteur Quick-Stop à levier, NDK 700)
(solo en motores Quick-Stop de palanca NDK 700)



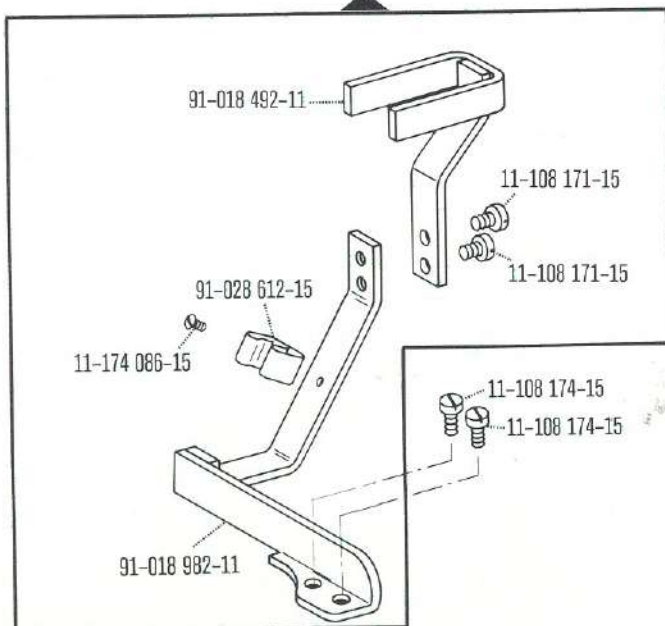
71-14 00-0003 (-900/06)



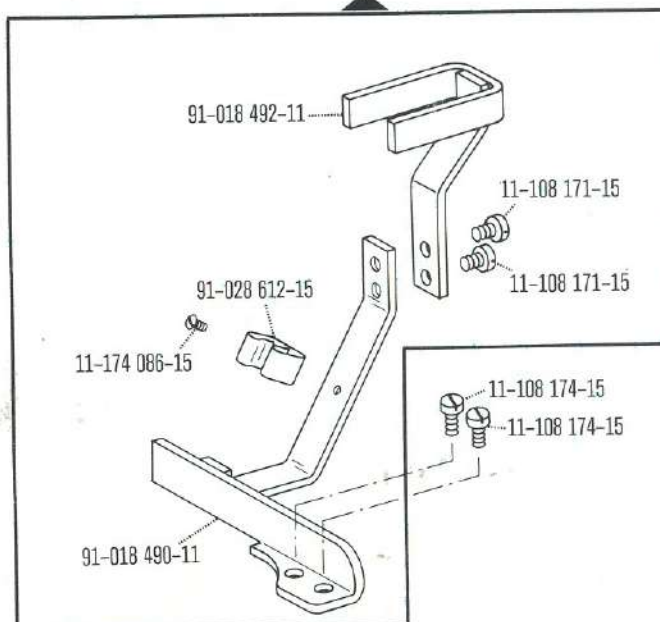
91-095 813-91 (-900/11; -900/16)



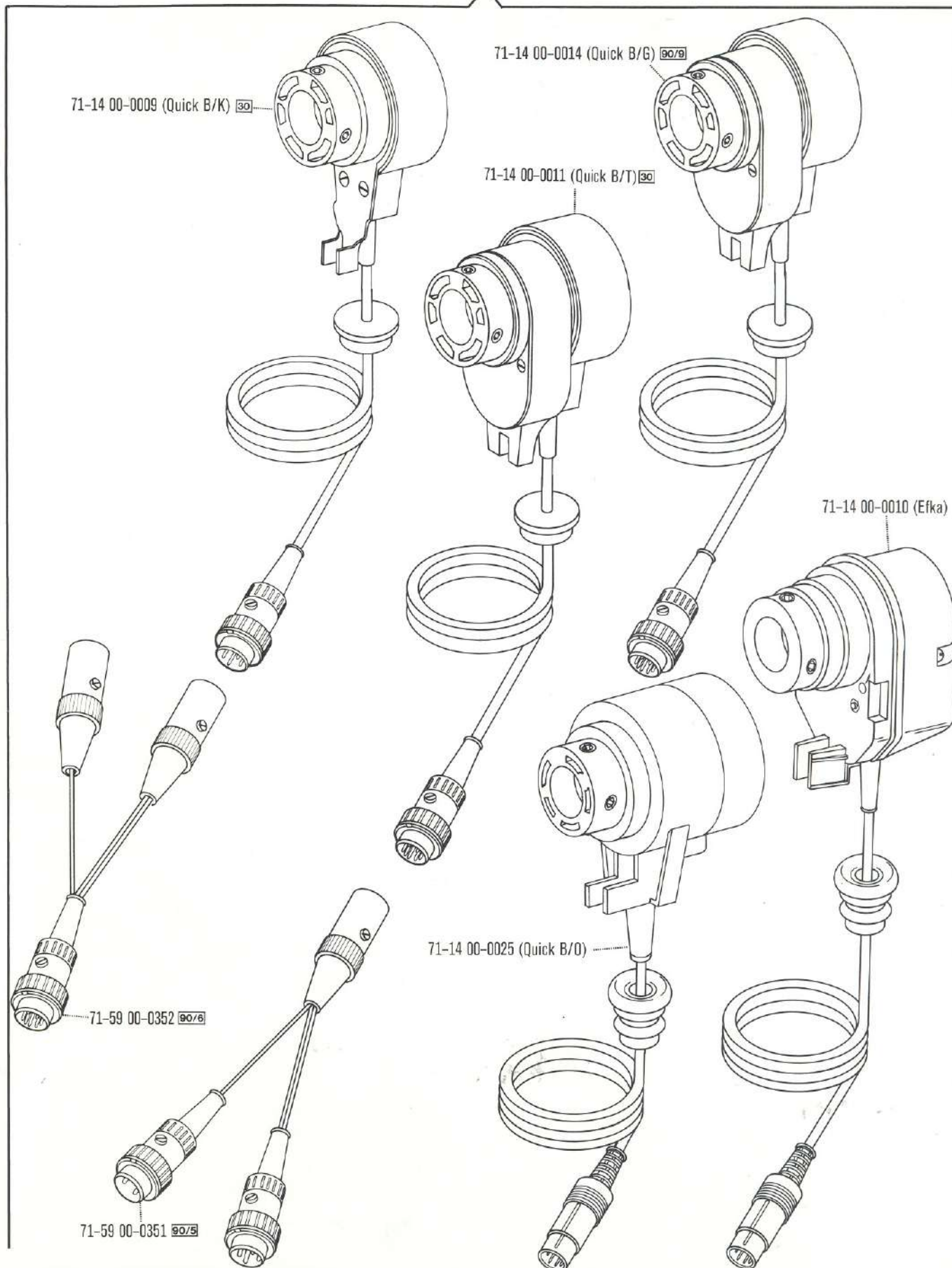
91-018 983-11 [90/15]

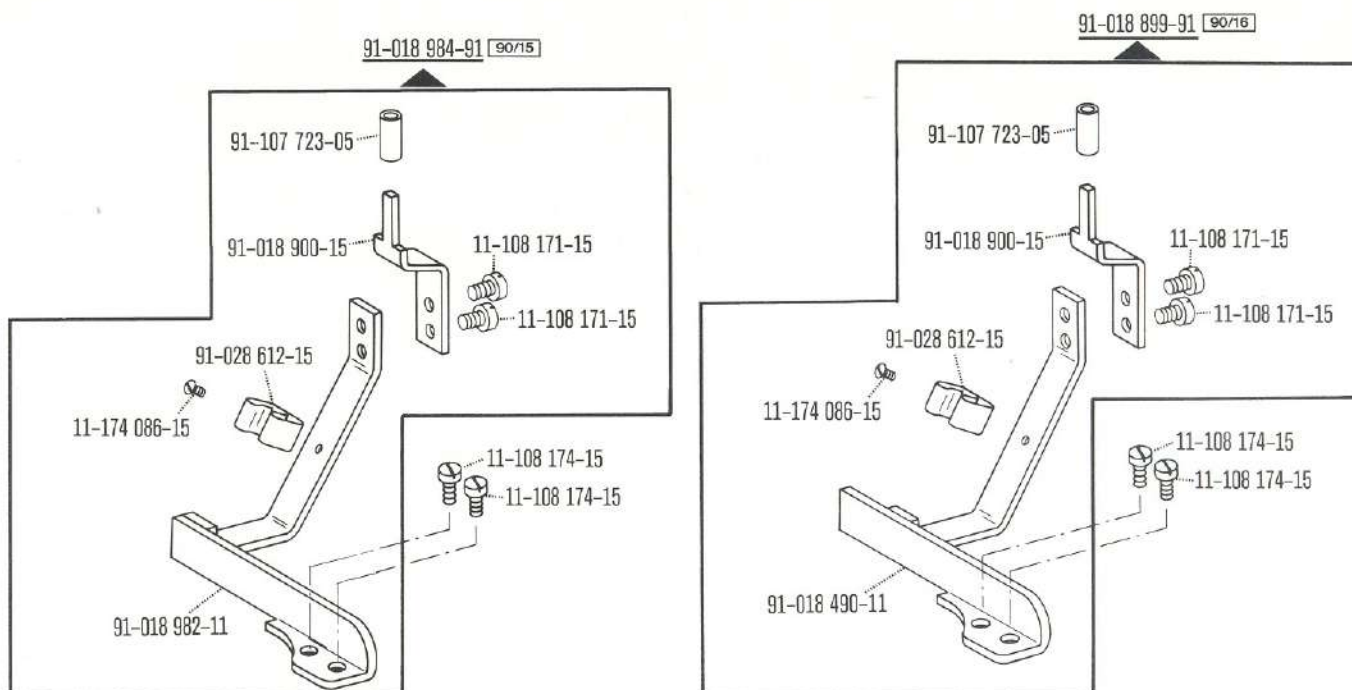


91-018 489-11 [90/16]



-900/51
-900/56
-913/04
-913/52

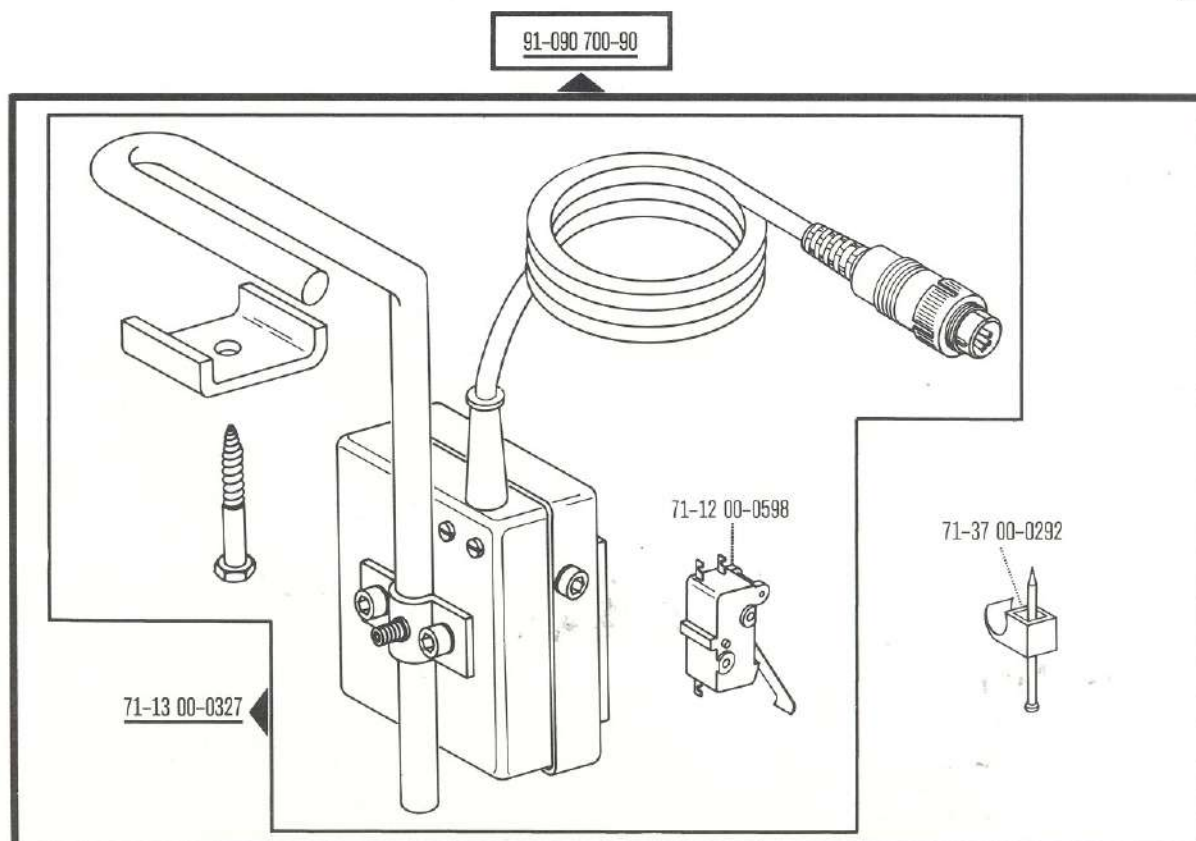




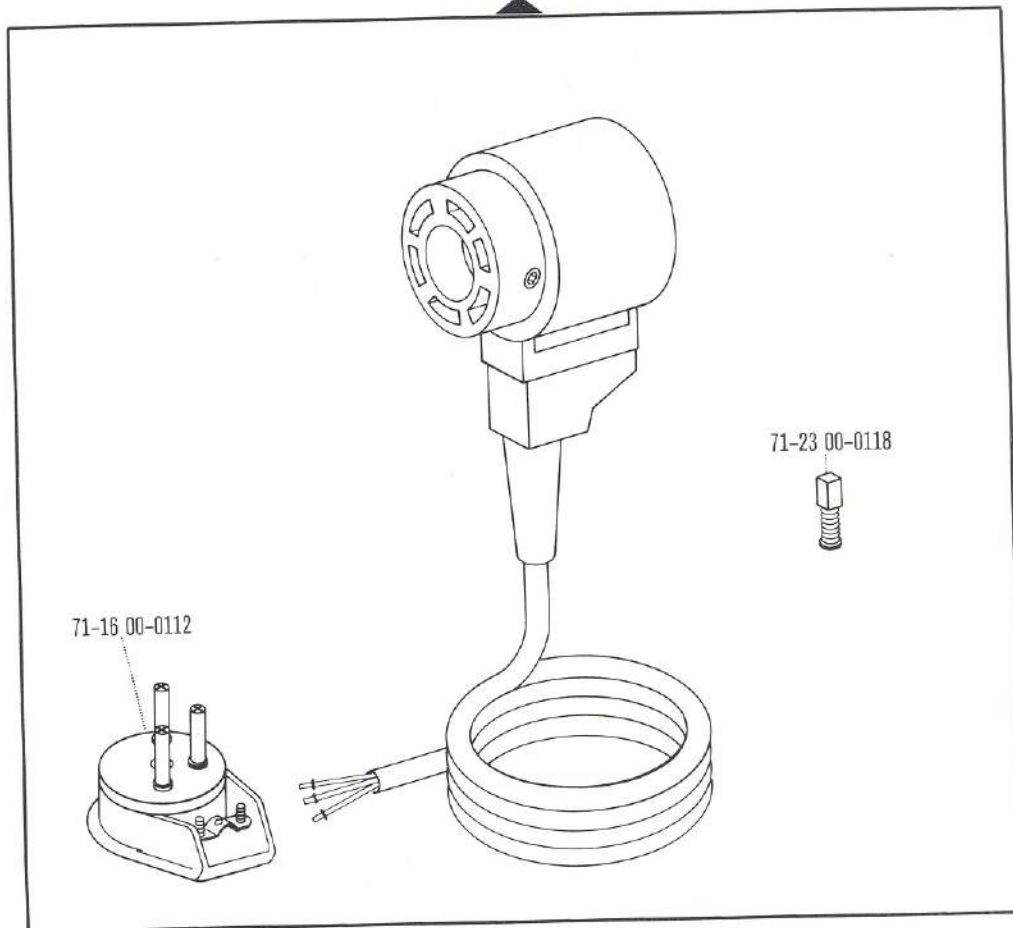
Knieschalter
Knee switch
Déclenchée par genouillère
Interruptor de rodilla

zur - pour les
for - para las

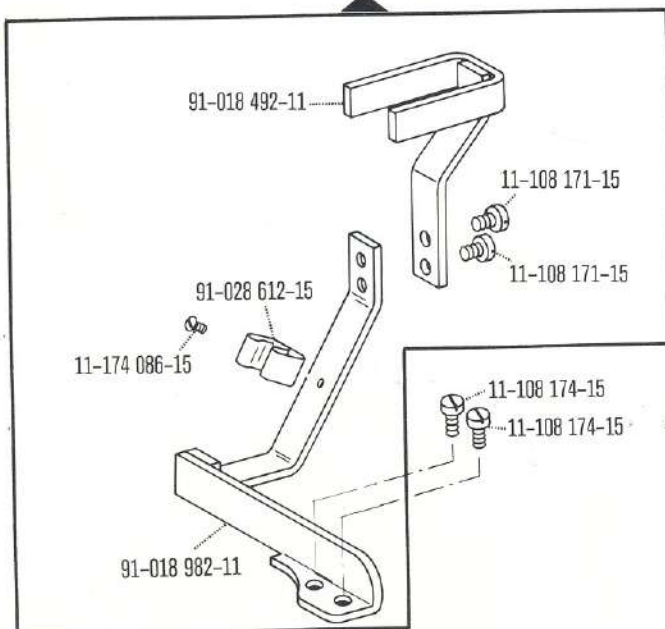
Pfaff 146-900/56-913/04
Pfaff 546-900/56-913/04



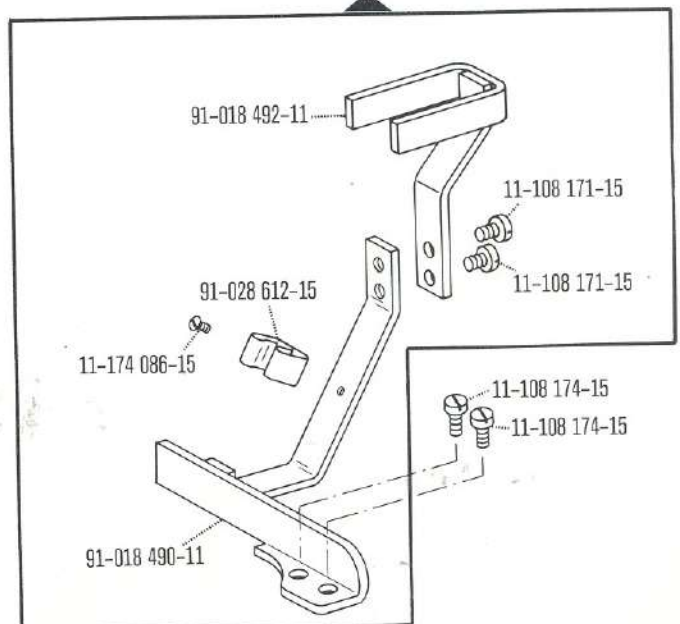
71-14 00-0006 (-913/02)



91-018 983-11 [90/15]



91-018 489-11 [90/16]



Bestellnummer für Behälter mit:
Ordering number for can containing:
Numéro de commande pour récipients avec:
Número de pedido para recipientes con:

	Liter Litre Litro	Kg	Techn. Weißöl White oil Huile blanche Aceite blanco	Sewtrol EL	Shell-Tellus C 22	Shell-Alvania 3	Shell-Retinox G	
	0,09		91-129 569-91		91-129 138-91			
	0,25				91-129 916-91			
	1		91-129 452-91	91-129 941-91	91-129 917-91			
	5		91-129 456-91		91-129 919-91			
	10		91-129 541-91		91-129 920-91			
		1				280-1-120 247		
		0,5					280-1-120 243	



Keilriemenscheiben-Tabelle

Table of V-belt pulleys

Tableau des poulies à gorge en V

Tabla de poleas para correas en „V”

Nähgeschwindigkeit max. Stiche/min Maximum sewing speed in s.p.m. Nombre de points max./mn Número max. de puntadas por minuto	Motordrehzahl U/min Motor speed in r.p.m. Régime moteur en tours/mn Régimen del motor en r.p.m.	Frequenz Frequency Fréquence Frecuencia	Handrad-Durchmesser ¹⁾ in mm Balance wheel diameter ¹⁾ in mm Diamètre du volant ¹⁾ en mm Diámetro del volante ¹⁾ en mm	Keilriemenscheiben-Durchmesser ¹⁾ in mm V-belt pulley diameter ¹⁾ in mm Diamètre de la poulie à gorge ¹⁾ en mm Diámetro de la polea para correa en „V” ¹⁾ en mm	Teilenummer der Keilriemenscheibe Part number of V-belt pulley Numéro de pièce des poulies à gorge en V № de las piezas de poleas para correas en „V”
Pfaff 146					
2300	1400	50 Hz	75	125	16-437 130-05
2300	1700	60 Hz	75	100	16-437 090-05
2100	1400	50 Hz	75	112	16-437 110-05
2100	1700	60 Hz	75	90	16-437 070-05
1800	1400	50 Hz	75	95	16-437 080-05
1800	1700	60 Hz	75	80	16-437 050-05
Pfaff 546					
2000	2800	50 Hz	120	85	16-437 060-05
2000	3400	60 Hz	120	71	16-437 030-05
1800	1400	50 Hz	75	95	16-437 080-05
1800	1700	60 Hz	75	80	16-437 050-05
1800	1400	50 Hz	120	145	16-437 903-05
1800	1700	60 Hz	120	125	16-437 130-05
1700	2800	50 Hz	120	71	16-437 030-05
1700	3400	60 Hz	120	63	16-437 010-05
1700	2800	50 Hz	150	90	16-437 070-05
1700	3400	60 Hz	150	75	16-437 040-05
1700	1400	50 Hz	120	145	16-437 903-05
1700	1700	60 Hz	120	125	16-437 130-05
1600	2800	50 Hz	120	71	16-437 030-05
1600	3400	60 Hz	120	58	16-437 909-05
1500	1400	50 Hz	75	80	16-437 050-05
1500	1700	60 Hz	75	67	16-437 020-05
1500	1400	50 Hz	120	132	16-437 901-05
1500	1700	60 Hz	120	106	16-437 100-05
1500	2800	50 Hz	150	80	16-437 050-05
1500	3400	60 Hz	150	67	16-437 020-05
1400	1400	50 Hz	75	75	16-437 040-05
1400	1700	60 Hz	75	63	16-437 010-05
1400	1400	50 Hz	120	118	16-437 120-05
1400	1700	60 Hz	120	100	16-437 090-05

¹⁾ Wirksamer Durchmesser
Effective diameter
Diamètre effectif
Diámetro efectivo



Keilriemenscheiben-Tabelle

Table of V-belt pulleys

Tableau des poulies à gorge en V

Tabla de poleas para correas en „V”

[illegible]

1) Wirksamer Durchmesser
Effective diameter
Diamètre effectif
Diámetro efectivo

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11-108 099-15	69, 81, 88, 89, 98	11-130 227-15	64, 65, 66, 67	11-210 038-15	81, 88, 89, 98	11-721 197-15	19, 24, 31, 34, 53, 84
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11-108 117-15	69, 81, 88, 89, 98	11-130 239-15	104, 105	11-210 168-15	16, 26	11-724 290-55	87
11-108 168-15	14, 25, 82, 83, 90, 93	11-130 281-15	45	11-210 207-15	79, 95	12-005 154-15	61
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11-108 173-05	87	11-130 293-15	77, 79, 84, 95, 103	11-310 436-15	78, 94	12-005 195-15	40, 48, 55, 78, 79, 91, 94, 95, 96, 104, 105, 106
11-108 174-15	69, 77, 80, 81, 86, 88, 89, 92, 97, 98, 104, 113, 115, 116	11-130 299-15	91, 96	11-310 463-15	91, 96	12-024 151-15	16, 26, 37, 45, 103
11-108 177-15	54, 64, 65, 66, 67	11-130 365-15	55, 99	11-314 946-15	54	12-024 171-15	30, 44, 54, 55, 64, 65, 66, 67, 69, 70
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11-108 231-15	55	11-172 094-25	70	11-330 220-15	69, 70	12-085 170-15	69, 70
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11-108 240-15	69, 104	11-173 171-55	81, 84, 89	11-330 958-15	59	12-110 211-15	17, 27
11-108 246-15	69, 70	11-173 174-15	110, 111	11-335 902-15	34	12-115 190-15	82
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Unterklassen-Ausstattung
Subclass parts
Composition des sous-classes
Composición de las subclases

Unterklassen-Ausstattung¹⁾

Subclass organization¹⁾

Unterklasse Subclass Sous-classe Subclase	Ausführung Model Version Tipo de máquina	Nadelabstand in mm Needle gauge in mm Ecartement des aiguilles en mm Distancia entre agujas en mm	Nadelstange Needle bar Barre à aiguille Barra de aguja	Stoffschieber Feed dog Griffe Transportador interior	Stichplatte Needle plate Plaque à aiguille Placa de aguja	Nähfuß Presser foot Pied presseur Pie prensatelas	Stoffschiebeluß Vibrating presser Pied entraîneur Transportador superior
-6/01*	B; BN	2,4-26,0 28,0-36,0 38,0-50,0	91-710 749-93 91-710 750-93 91-710 750-93	91-040 433-04 91-040 433-04 91-047 275-93	91-040 434-04	91-040 429-04	91-040 430-93
-57/01*	B; BN	4,0-10,0 11,2-20,0	91-710 749-93	91-040 433-04	91-040 434-04	91-040 429-04	91-040 430-93
-58/01*	B; BN	4,0-10,0 11,2-20,0	91-710 749-93	91-040 433-04	91-040 434-04	91-040 429-04	91-040 430-93
-59/02*	B; BN	6,0-26,0	91-710 749-93	91-040 433-04	91-040 434-04	91-040 429-04	91-040 430-93
-59/02*	B; BN	28,0-36,0	91-710 750-93	91-040 433-04	91-040 434-04	91-040 429-04	91-040 430-93
-59/02	B; BN	38,0-50,0	91-710 750-93	91-047 275-93	91-040 434-04	91-040 429-04	91-040 430-93
-61/02*	B; BN	6,0-26,0 28,0-36,0 38,0-50,0	91-710 749-93 91-710 750-93 91-710 750-93	91-040 433-04 91-040 433-04 91-047 275-93	91-040 434-04	91-040 429-04	91-040 430-93
-68/12	B; BN	20,0-26,0 28,0-36,0 38,0-40,0	91-710 749-93 91-710 750-93 91-710 750-93	91-040 433-04 91-040 433-04 91-047 275-93	91-491 945-04	91-040 429-04	91-040 430-93
-69/02*	B; BN	6,0-26,0 28,0-36,0 38,0-50,0	91-710 749-93 91-710 750-93 91-710 750-93	91-040 433-04 91-040 433-04 91-047 275-93	91-040 434-04	91-040 429-04	91-040 430-93
-69/22*	B; BN	7,2-26,0 28,0	91-710 749-93 91-710 750-93	91-040 433-04	91-040 434-04	91-046 933-04	91-046 932-93
-71/02*	B; BN	6,0-26,0	91-710 749-93	91-040 433-04	91-040 434-04	91-040 429-04	91-040 430-93
-71/02*	B; BN	28,0-36,0	91-710 750-93	91-040 433-04	91-040 434-04	91-040 429-04	91-040 430-93
-71/02	B; BN	38,0-72,0	91-710 750-93	91-047 275-93	91-040 434-04	91-040 429-04	91-040 430-93
-71/21*	B; BN	6,0-26,0	91-010 749-93	91-040 433-04	91-040 434-04	91-040 429-04	91-040 430-93
-71/21*	B; BN	28,0-30,0	91-010 750-93	91-040 433-04	91-040 434-04	91-040 429-04	91-040 430-93
-72/02*	B; BN	6,0-26,0 28,0-36,0 38,0-50,0	91-710 749-93 91-710 750-93 91-710 750-93	91-040 433-04 91-040 433-04 91-047 275-93	91-040 434-04	91-040 429-04	91-040 430-93
-76/01*	B; BN	6,0-20,0	91-710 749-93	91-040 433-04	91-040 434-04	91-042 088-05	91-042 087-93
-82/02*	B; BN	6,0-26,0	91-010 749-93	91-040 433-04	91-040 434-04	91-040 429-04	91-040 430-93
-82/02*	B; BN	28,0-30,0	91-010 750-93	91-040 433-04	91-040 434-04	91-040 429-04	91-040 430-93
-87/02*	B; BN	6,0-26,0 28,0-30,0	91-010 749-93 91-010 750-93	91-040 433-04	91-040 434-04	91-040 429-04	91-040 430-93
-88/02*	B; BN	6,0-26,0	91-710 749-93	91-040 433-04	91-040 434-04	91-040 429-04	91-040 430-93
-88/02*	B; BN	28,0-36,0	91-710 750-93	91-040 433-04	91-040 434-04	91-040 429-04	91-040 430-93
-88/02*	B; BN	38,0-50,0	91-710 750-93	91-047 275-93	91-040 434-04	91-040 429-04	91-040 430-93
-89/02*	B; BN	6,0-26,0	91-710 749-93	91-040 433-04	91-040 434-04	91-040 429-04	91-040 430-93
-89/02*	B; BN	28,0-36,0	91-710 750-93	91-040 433-04	91-040 434-04	91-040 429-04	91-040 430-93
-89/02	B; BN	38,0-50,0	91-710 750-93	91-047 275-93	91-040 434-04	91-040 429-04	91-040 430-93

Apparat Attachement Aparato	Träger Bracket Support Soporte	Kopfplatte Face plate Plaque frontale Placa frontal	Bandtrommel Tape reel Tambour-dérouleur Tambor paracintas	Bandführung Tape guide Guide-ruban Guiacintas	Fingerschutz Finger guard Protege-digits Salvadedos
					91-055 203-91 $\frac{10}{10}$ = 2,4- 8,0 91-055 200-91 $\frac{10}{10}$ = 9,2-32,0 91-057 091-91 $\frac{10}{10}$ = 34,0-50,0
91-040 317-93 $\frac{10}{2}$ 91-042 068-24 $\frac{10}{2}$					**
91-040 316-93 $\frac{10}{2}$ 91-040 814-23 $\frac{10}{2}$					**
91-043 408-23 91-042 429-23	91-040 862-90 91-040 528-90	91-010 702-91	91-040 207-91 91-041 644-91	91-044 419-25	**
91-043 408-23 91-042 429-23	91-040 862-90 91-040 528-90	91-010 702-91	91-040 207-91 91-041 644-91	91-044 419-25	**
91-043 408-23 91-042 429-23	91-040 862-90 91-040 528-90	91-010 702-91	91-040 207-91 91-041 644-91	91-044 419-25	**
91-043 408-23	91-040 862-90	91-010 702-91	91-040 207-91		**
91-488 382-23	91-053 936-90		91-041 644-91	91-044 419-25	**
91-040 769-23 $\frac{10}{2}$	91-040 862-90	91-010 702-91	91-040 207-91		**
91-046 724-24	91-040 862-90	91-010 702-91	91-046 254-91		**
91-040 769-23 $\frac{10}{2}$ 91-044 734-23	91-040 862-90 91-040 528-90	91-010 702-91	91-040 207-91 91-041 644-91	91-044 419-25	**
91-040 769-23 $\frac{10}{2}$ 91-044 734-23	91-040 862-90 91-040 528-90	91-010 702-91	91-040 207-91 91-041 644-91	91-044 419-25	**
91-040 769-23 $\frac{10}{2}$ 91-044 734-23	91-040 862-90 91-040 528-90	91-010 702-91	91-040 207-91 91-041 644-91	91-044 419-25	**
91-040 769-23 $\frac{10}{2}$ 91-026 588-23 $\frac{10}{2}$	91-040 862-90	91-010 702-91	91-040 207-91 91-041 644-91	91-044 419-25	**
91-040 769-23 $\frac{10}{2}$ 91-026 588-23 $\frac{10}{2}$	91-040 862-90	91-010 702-91	91-040 207-91 91-041 644-91	91-044 419-25	**
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91-043 408-23 91-041 906-23	91-040 862-90 91-040 528-90	91-010 702-91	91-040 207-91		**
91-040 145-23 $\frac{10}{2}$	91-040 528-90				**
91-043 408-23 91-044 734-23	91-040 862-90 91-040 528-90	91-010 702-91	91-040 207-91 91-041 644-91	91-044 419-25	**
91-043 408-23 91-044 734-23	91-040 862-90 91-040 528-90	91-010 702-91	91-040 207-91 91-041 644-91	91-044 419-25	**
91-043 408-23 91-044 734-23	91-040 862-90 91-040 528-90	91-010 702-91	91-040 207-91 91-041 644-91	91-044 419-25	**
91-040 769-23 $\frac{10}{2}$ 91-044 734-23	91-040 862-90 91-040 528-90	91-010 702-91	91-040 207-91 91-041 644-91	91-044 419-25	**
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91-040 769-23 $\frac{10}{2}$ 91-044 734-23	91-040 862-90 91-040 528-90	91-010 702-91	91-040 207-91 91-041 644-91	91-044 419-25	**

Unterklassen-Ausstattung¹⁾

Subclass organization¹⁾

Unterklasse Subclass Sous-classe Subclase	Ausführung Model Version Tipo de máquina	Nadelabstand in mm Needle gauge in mm Ecartement des aiguilles en mm Distancia entre agujas en mm	Nadelstange Needle bar Barre à aiguille Barra de aguja	Stoffschieber Feed dog Griffe Transportador interior	Stichplatte Needle plate Plaque à aiguille Placa de aguja	Nähfuß Presser foot Pied presseur Pie prensateelas	Stoffschieberfuß Vibrating presser Pied entraîneur Transportador superior
-91/02*	B; BN	6,0-26,0 28,0-36,0 38,0-40,0	91-710 749-93 91-710 750-93 91-710 750-93	91-040 433-04 91-040 433-04 91-047 275-93	91-040 434-04	91-040 429-04	91-040 430-93
-94/02*	B; BN	2,4-26,0 28,0-30,0	91-710 749-93 91-710 750-93	91-040 433-04	91-040 434-04	91-042 708-04	91-049 023-93
-99/02*	B; BN	6,0-26,0 28,0-30,0	91-710 749-93 91-710 750-93	91-040 433-04	91-040 434-04	91-040 429-04	91-040 430-93
-116/02*	B; BN	2,4-20,0	91-710 749-93	91-040 433-04	91-040 434-04	91-040 429-04	91-040 430-93
-120/01*	B; BN	2,4-20,0	91-710 749-93	91-040 433-04	91-040 434-04	91-042 377-05 [5]	91-042 376-93 [5]
-167/02*	B; BN	2,4-26,0 28,0-30,0	91-710 749-93 91-710 750-93	91-040 433-04	91-040 434-04	91-040 429-04	91-040 430-04
-167/12*	B; BN	2,4-26,0 28,0-30,0	91-710 749-93 91-710 750-93	91-040 433-04	91-040 434-04	91-040 429-04	91-040 430-04
-176/01*	B; BN	2,4-20,0	91-710 749-93	91-040 433-04	91-040 434-04	91-044 449-04 [5]	91-044 448-93 [5]
-184/02*	B; BN	7,2-26,0	91-710 749-93	91-040 433-04	91-040 434-04	91-049 503-03 [5]	91-049 144-93 [5]
-189/12	B; BN	3,2-26,0 28,0-30,0	91-710 749-93 91-710 750-93	91-042 347-04	91-042 348-04	91-042 708-04	91-049 023-93
-230/01*	B; BN	8,0-26,0 28,0-30,0	91-710 749-93 91-710 750-93	91-040 433-04	91-040 434-04	91-049 503-03 [5]	91-049 144-93 [5]
-230/02	B; BN	8,0-26,0	91-710 749-93	91-490 842-04 [5]	91-490 841-04 [5]	91-486 629-04 [5]	91-486 628-93 [5]
-230/02	B; BN	28,0-30,0	91-710 750-93	91-490 842-04 [5]	91-490 841-04 [5]	91-486 629-04 [5]	91-486 628-93 [5]
-230/21*	B; BN	8,0-26,0 28,0-30,0	91-710 749-93 91-710 750-93	91-040 433-04	91-040 434-04	91-049 503-03 [5]	91-049 144-93 [5]
-230/22	B; BN	8,0-26,0 28,0-30,0	91-710 749-93 91-710 750-93	91-490 842-04 [5]	91-490 841-04 [5]	91-486 629-04 [5]	91-486 628-93 [5]
-232/11*	B; BN	2,4-26,0 28,0-30,0	91-710 749-93 91-710 750-93	91-040 433-04	91-040 434-04	91-040 429-04	91-040 430-93
-237/01*	B; BN	8,0-26,0 28,0-30,0	91-710 749-93 91-710 750-93	91-040 433-04	91-040 434-04	91-049 503-03 [5]	91-049 144-93 [5]
-237/06*	B	8,0-20,0	91-710 749-93	91-059 016-04	91-040 434-04	91-049 503-03 [5]	91-049 144-93 [5]
-237/10	B	8,0-20,0	91-710 749-93	91-047 389-04 [5]	91-058 093-04 [5]	91-049 503-03 [5]	91-049 144-93 [5]
-237/10 -900/11; /51	B	8,0-20,0	91-710 749-93	91-047 389-04 [5]	91-058 170-04 [5]	91-049 503-03 [5]	91-049 144-93 [5]
-237/10 -900/16; /56	B	8,0-20,0	91-710 749-93	91-047 389-04 [5]	91-058 840-04 [5]	91-049 503-03 [5]	91-049 144-93 [5]
-255/01*	B; BN	8,0-26,0 28,0-30,0	91-710 749-93 91-710 750-93	91-040 433-04	91-040 434-04	91-049 503-03 [5]	91-049 144-93 [5]

* Unterklasse kann mit Fadendurchzieh- und -abschneideeinrichtung -900/. . in den Nadelabständen 2,4; 3,2; 4,0; 4,8; 5,2; 6,0; 6,4; 7,2; 8,0; 9,2; 10,0; 11,2; 12,0; 13,2; 14,0; 15,2; 16,0; 18,0; 20,0; 22,0; 24,0; 25,2; 26,0; 28,0 und 30,0 mm geliefert werden, jedoch nur unter Berücksichtigung des in der Tabelle angegebenen Nadelabstands-bereichs.
Bei Maschinen mit -900/11; /51 ändert sich die Bestellnummer der Stichplatte von 91-040 434-04 in 91-058 424-04 und bei -900/16; /56 in 91-058 945-04.

** Bestellnummer siehe Unterklasse -6/01

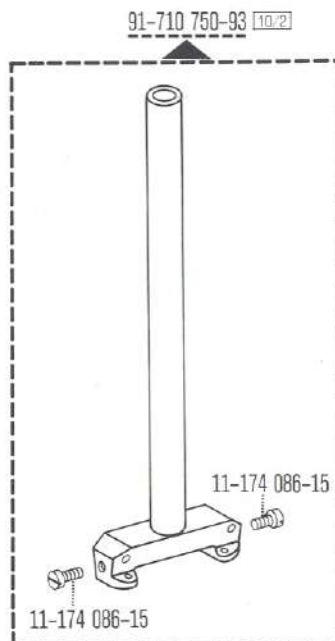
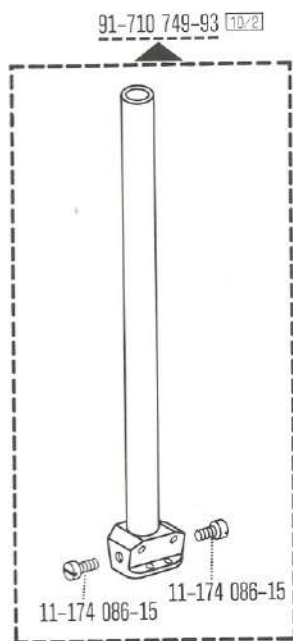
* This subclass can be supplied with thread puller/trimmer -900/. . in the following needle gauges: 2,4, 3,2, 4,0, 4,8, 5,2, 6,0, 6,4, 7,2, 8,0, 9,2, 10,0, 11,2, 12,0, 13,2, 14,0, 15,2, 16,0, 18,0, 20,0, 22,0, 24,0, 25,2, 26,0, 28,0 and 30,0 mm, provided they fall within the needle gauge range listed in the table.
For machines with -900/11 and /51 the ordering number of the needle plate is changed from 91-040 434-04 to 91-058 424-04, and for subcl. -900/16 and /56 to 91-058 945-04.

** For ordering number see subcl. -6/01

[4] = Ausführung angeben
= Indicate model
= Préciser la version
= Indique el tipo de máquina

[5] = Nähmuster einsenden
= Submit sewing sample
= Joindre échantillons de couture
= Envíese muestra de costura

[10] = Nadelabstand
= Needle gauge
= Ecartement des aiguilles
= Distancia entre agujas



91-040 433-04 4 10/1 10/2



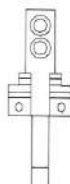
10 = 2,4-3,2 mm

91-040 433-04 4 10/2
10/1

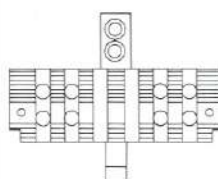


10 = 4,8 mm >

91-042 347-04 4 10/2
10/1



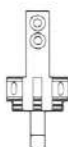
91-047 275-93 4 10/2
10/1



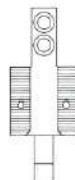
91-047 389-04 4 5
10/1 10/2



91-059 016-04 4 10/1 10/2



91-490 842-04 4 5
10/1 10/2



91-040 434-04 4 10/1 10/2



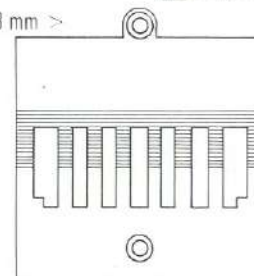
10 = 2,4-3,2 mm

91-040 434-04 4 10/1 10/2

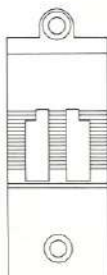


10 = 4,8 mm >

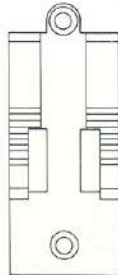
91-040 434-04 4 10/1 10/2
10 = 38 - 50,0 mm



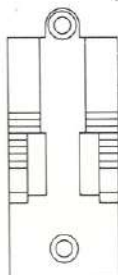
91-042 348-04 4 10/2
10/1



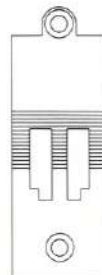
91-058 093-04 4 5
10/1 10/2



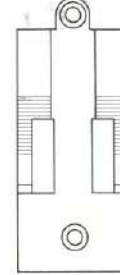
91-058 170-04 4 5
10/1 10/2



91-058 424-04 4 10/1
10/2



91-058 840-04 4 5 10/1 10/2



Anschlag
Stop
Butée
Topie

Fadenabschneider
Thread trimmer
Coupe-fils
Contafilos

Lüfterhebel
Lifting lever
Lever releveur
Palanca alzaprensateclas

Boizen
Stud
Boulon
Perno

Seilzug
Pull-cable
Transmission par câble
Cable de mando

Fingerschutz
Finger guard
Protège-douglis
Salvafederos

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91-056 031-15

99-053-768-91

91-108-589-41
91-010 796-15

91-108 594-05

91-108 595-91

**

99-053 768-91

91-108 589-41
91-010 796-15

91-108 594-05

91-108 595-91

**

99-053 768-91

91-108 589-41
91-010 796-15

91-108 594-05

91-108 595-91

**

99-053 768-91

91-108 589-41
91-010 796-15

91-108 594-05

91-108 595-91

**

91-108 589-41

91-108 594-05

91-108 595-91

**

1) Die Liste enthält nur Nähwerkzeuge und Apparate. Beim Umbau in eine andere Unterklasse oder Ausführung sind auch noch Maschinenteile erforderlich. Geben Sie also bei Bestellungen die genaue Bezeichnung der vorhandenen und der gewünschten Ausführung bekannt.

1) This list contains sewing parts and attachments only. When converting to another subclass or version, machine parts are also necessary. When ordering please therefore indicate exactly the existing version and the one required.

1) Cette liste ne contient que les organes de couture et les guides. En cas de transformation en une sous-classe ou variante différente, il faut utiliser aussi certaines pièces de machine supplémentaires. En cas de commande, prière de toujours indiquer par conséquent les variantes disponibles et souhaitées.

1) Esta lista sólo contiene elementos de costura y aparatos. Siempre que haya que transformar la máquina en otro tipo o subclase, se necesitarán también piezas de máquina, por lo que deberá indicarse en los pedidos el tipo exacto de que se dispone y el deseado.

Equipement des sous-classes¹⁾

Dotación de las subclases¹⁾

Apparat Attachement Appareil Aparato	Träger Bracket Support Soporte	Kopiplatte Face plate Plaque frontale Placa frontal	Halterwinkel Bracket Equerre de retenue Soporte angular	Bandtrommel Tape reel Tambour dérouleur Tambor portacintas	Bandführung Tape guide Guide ruban Guíacintas	Bandteiler Tape disc Plateau dérouleur Plato portacintas
91-041 620-23	91-040 528-90					
91-046 014-23	91-040 528-90					
91-042 848-23	91-040 528-90			91-041 644-91	91-044 419-25	
91-042 350-24	91-040 528-90			91-041 644-91	91-044 419-25	
91-042 404-24						
91-053 637-25	91-040 528-90			91-041 644-91		
91-046 706-24	91-040 528-90			91-041 644-91	91-044 419-25	
91-044 447-24						91-043 943-91
91-490 198-24	91-040 528-90					
91-053 278-24	91-040 528-90			91-042 742-91	91-044 419-25	
91-053 534-93						
91-489 491-23 91-490 355-23	91-040 862-90	91-010 702-91				
91-489 491-23 91-490 355-23	91-040 862-90	91-010 702-91				
91-053 537-24						
91-489 491-23 91-490 355-23	91-040 862-90	91-010 702-91				
91-050 003-23				91-041 644-91	91-044 419-25	
91-053 531-24						
91-056 026-93 91-056 033-93		91-108 604-91	91-050 924-15			
91-056 040-93		91-108 604-91				
91-056 040-93		91-108 604-91				
91-056 040-93		91-108 604-91				
91-056 413-93 91-056 429-13		91-108 604-91	91-050 924-15	91-042 742-91		

* En coupe-fil -900/. ., la sous-classe ne pourra être livrée que dans les écartements des aiguilles de 2,4; 3,2; 4,0; 4,8; 5,2; 6,0; 6,4; 7,2; 8,0; 9,2; 10,0; 11,2; 12,0; 13,2; 14,0; 15,2; 16,0; 18,0; 20,0; 22,0; 24,0; 25,2; 26,0; 28,0 et 30,0 mm, en tenant compte cependant des limitations des écartements, indiquées dans le tableau.
Dans le cas de machines avec -900/11 ou /51, le n° de commande de la plaque à aiguille passe de 91-040 434-04 à 91-058 424-04 et avec -900/16 ou /56 à 91-058 945-04.

** N° de commande, voir ss-cl. -6/01

* La subclasse se puede suministrar con cortahilos automático -900/. . en las distancias entre agujas siguientes: 2,4; 3,2; 4,0; 4,8; 5,2; 6,0; 6,4; 7,2; 8,0; 9,2; 10,0; 11,2; 12,0; 13,2; 14,0; 15,2; 16,0; 18,0; 20,0; 22,0; 24,0; 25,2; 26,0; 28,0 y 30,0 mm, pero siempre teniendo en cuenta las limitaciones de las distancias indicadas en la tabla.
En máquinas con -900/11 y /51 el N° de pedido de la placa de aguja 91-040 434-04 se sustituye por el N° 91-058 424-04, y con -900/16 y /56 por el N° 91-058 945-04.

** Para el N° de pedido, véase la subclase -6/01

10/1 = je nach Nadelabstand ändert sich die Form (z. B. beim Stoffschieber die Anzahl der Zahnreihen)
= Certain design features change according to the needle gauge (e. g. the number of tooth rows on the feed dog)
= La forme est fonction de l'écartement des aiguilles (par ex. le nombre des rangées de dents de la griffe)
= La forma varía de acuerdo con la distancia entre agujas (p. e. el número de hileras de dientes en el transportador)

10/2 = Nadelabstand bei Bestellung angeben
= State needle gauge on order
= Indiquer écartement des aiguilles à la commande
= Indíquese en los pedidos la distancia entre agujas

Unterklassen-Übersicht / Table of subclasses / Table des sous-classes / Tabla de subclasses

91-058 945-04 [4] [10/1] [10/2]

[10] = 2,4-3,2 mm



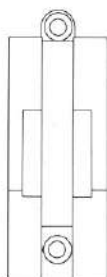
91-058 945-04 [4] [10/1] [10/2]

[10] = 4,8 mm >



91-490 841-04 [4] [5]

[10/1] [10/2]



91-491 945-04 [4] [10/1] [10/2]



91-040 429-04 [4] [10/2]

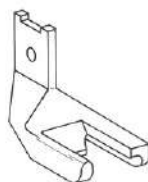


91-042 088-05 [10/2]



91-042 377-05 [4] [5]

[10/2]



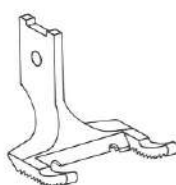
91-042 708-04 [4] [10/2]



91-044 449-04 [4] [5] [10/2]



91-046 933-04 [4] [10/2]



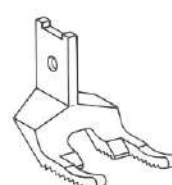
91-049 503-03 [4] [5]

[10/2]



91-486 629-04 [4] [5]

[10/2]



91-040 430-93 [4] [10/2]



91-042 087-93 [4] [5] [10/2]



91-042 376-93 [4] [5]

[10/2]



91-044 448-93 [4] [5] [10/2]



91-046 932-93 [4] [10/2]



91-049 023-93 [4] [10/2]



91-049 144-03 [4] [5]

[10/2]



91-486 628-93 [4] [5]

[10/2]

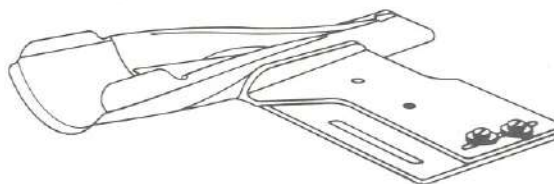


Unterklassen-Übersicht / Table of subclasses / Table des sous-classes / Tabla de subclasses

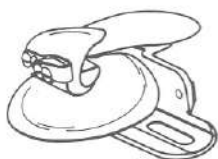
91-026 588-23 5 10/2



91-040 145-23 5 10/2

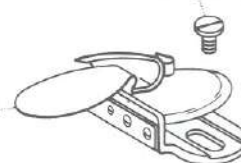


91-040 316-93 5 10/2

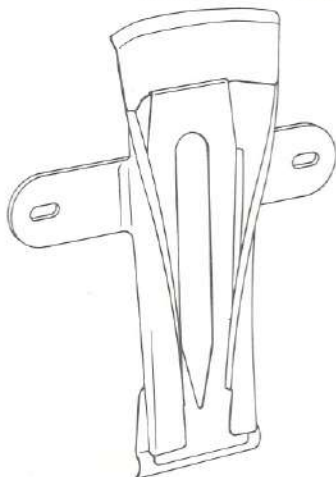


91-700 799-15

10/2 5 91-040 317-93



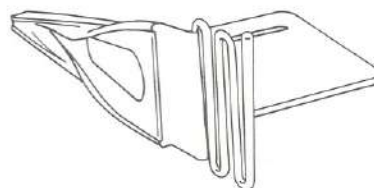
91-040 769-23 5 10/2



91-040 814-23 5 10/2



91-041 620-23 5

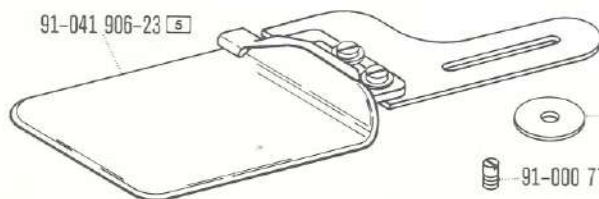


91-700 824-25



91-040 624-25

91-041 906-23 5

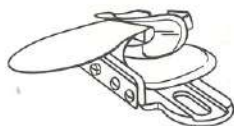


91-028 036-25

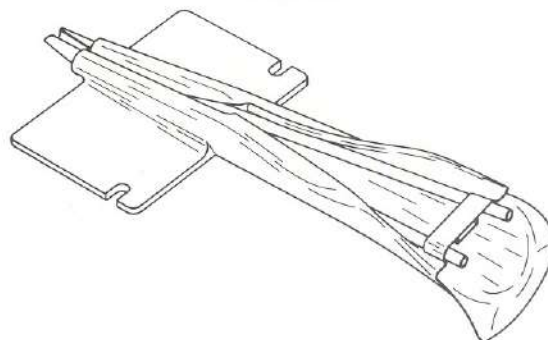


91-000 775-15

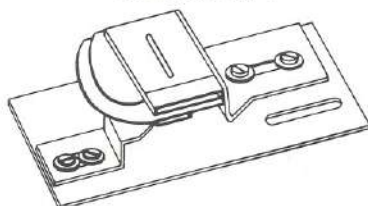
91-042 068-93 [4] [5] [10/2]



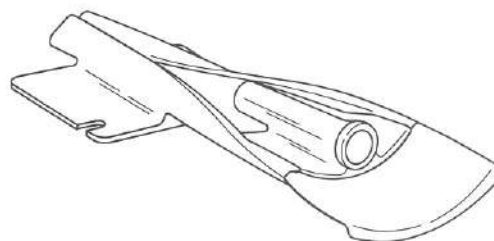
91-042 086-24 [5]



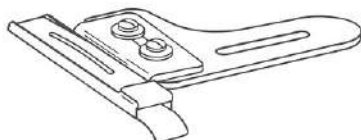
91-042 350-24 [5]



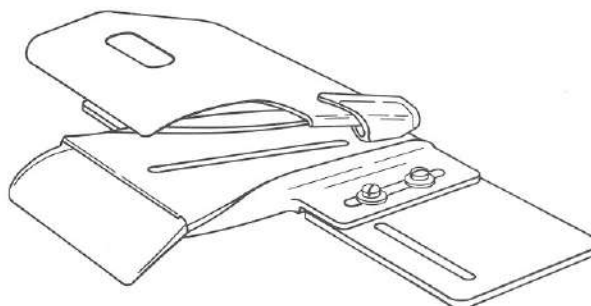
91-042 404-24 [5]



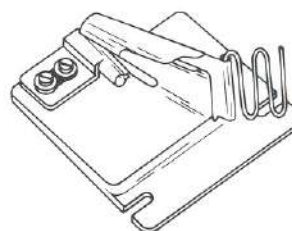
91-042 429-23 [5]



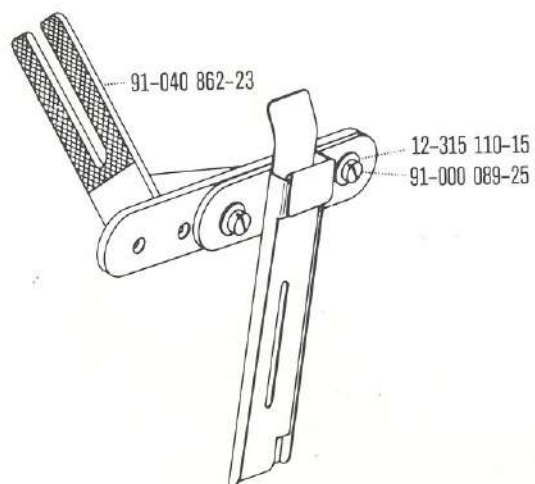
91-042 848-23 [5]



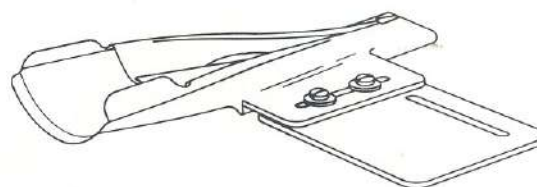
91-044 447-24 [5]



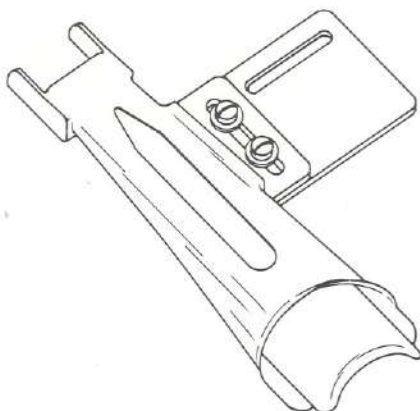
91-043 408-23 [5]



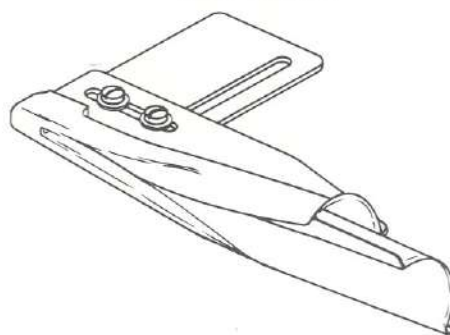
91-044 734-23 [5]



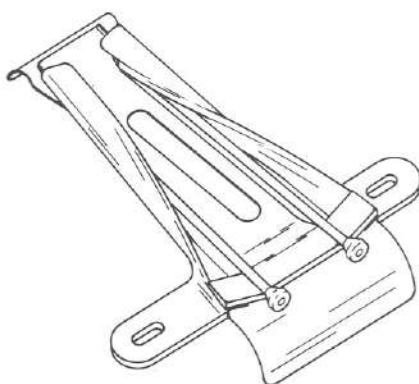
91-046 014-23 [5]



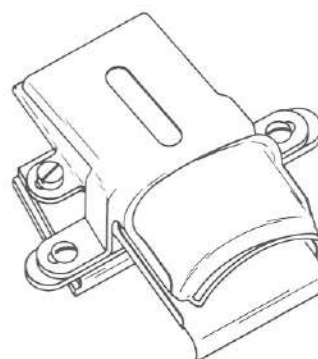
91-046 706-24 [5]



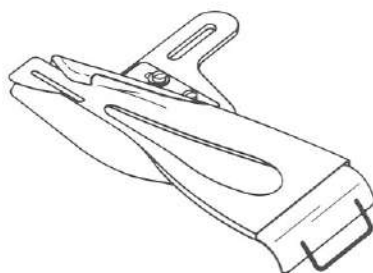
91-046 724-24 [5]



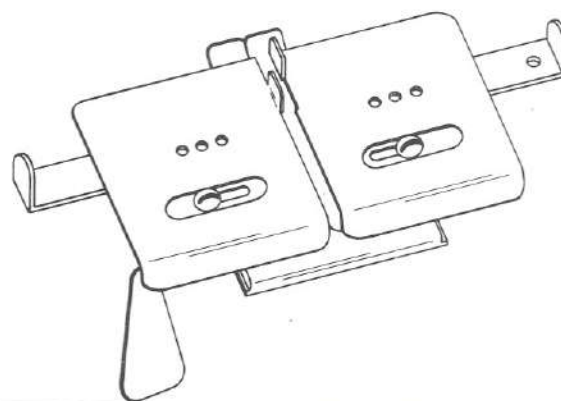
91-050 003-23 [5]



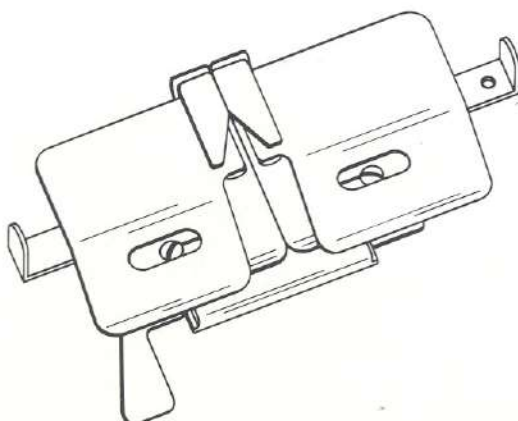
91-053 278-24 [5]



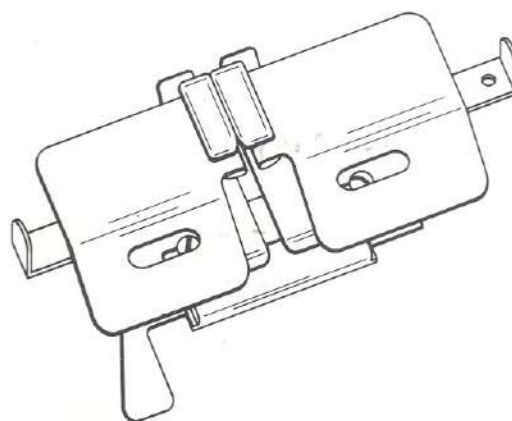
91-053 531-24 [5]



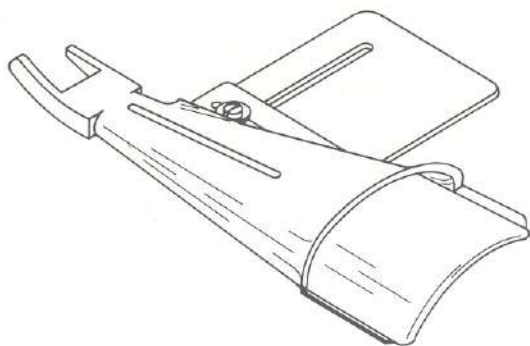
91-053 534-93 [5]



91-053 537-24 [5]



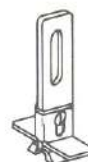
91-053 637-25 [5]



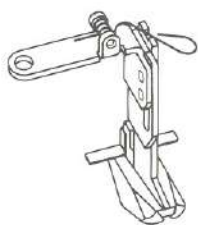
91-056 026-93 [5]



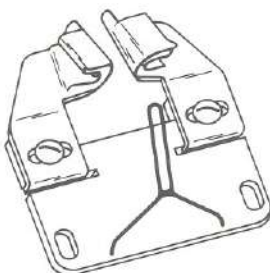
91-056 033-93 [5]



91-056 040-93 [5]



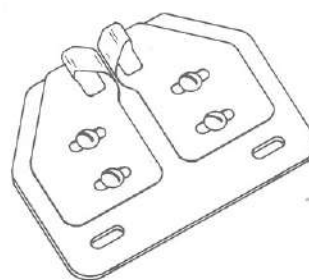
91-056 413-93 [5]



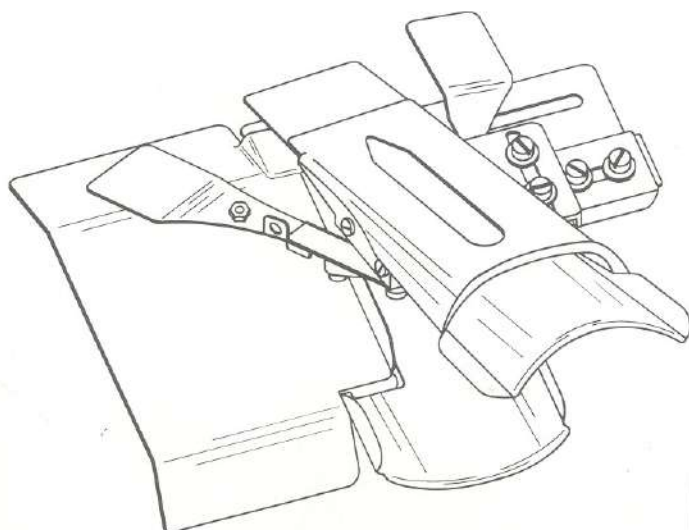
91-056 429-13 [5]



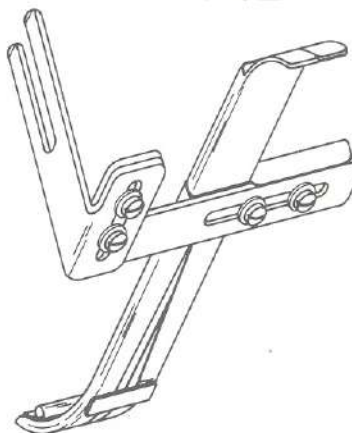
91-490 355-23 [5]



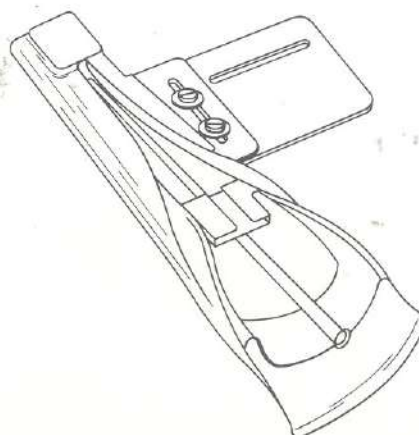
91-488 382-23 [5]



91-489 491-23 [5]

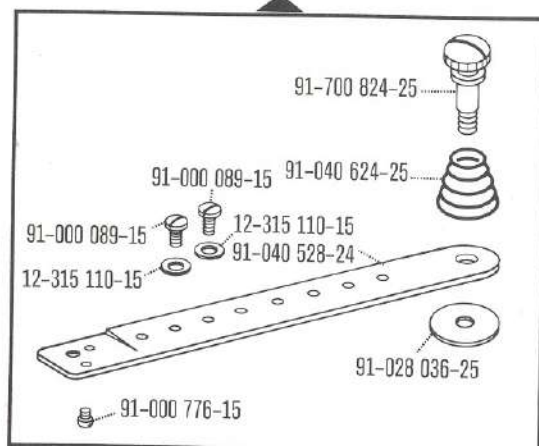


91-490 198-24 [5]

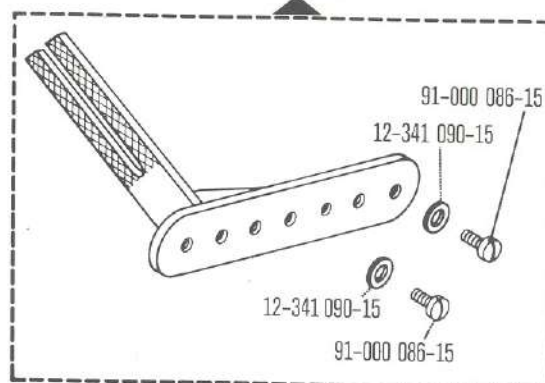


Unterklassen-Übersicht / Table of subclasses / Table des sous-classes / Tabla de subclasses

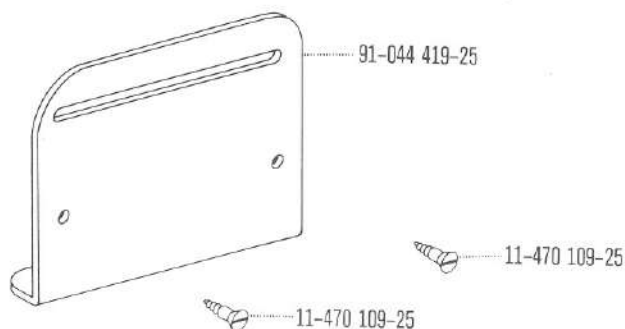
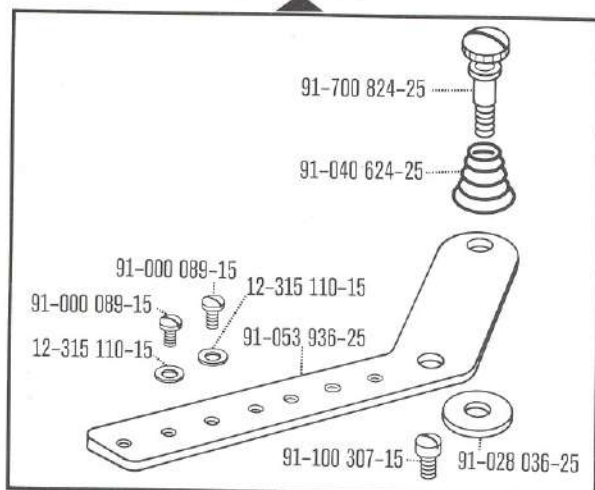
91-040 528-90



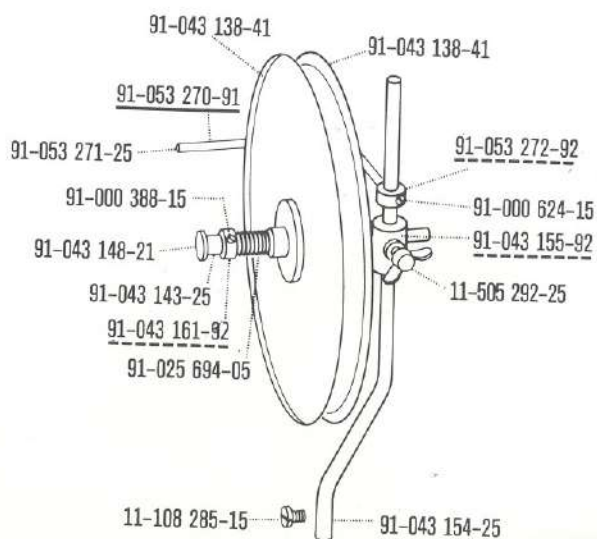
91-040 862-90



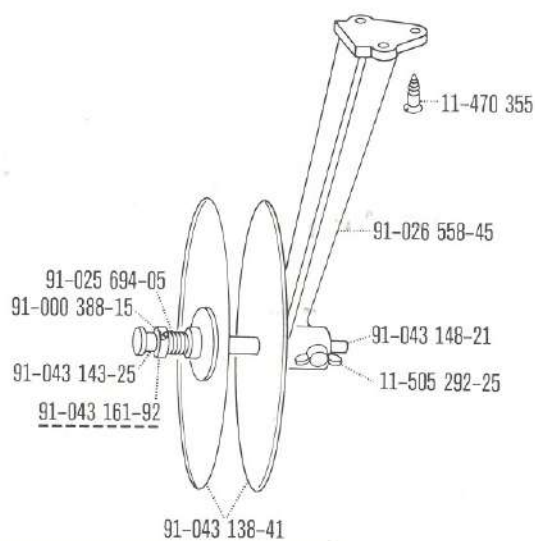
91-053 936-90

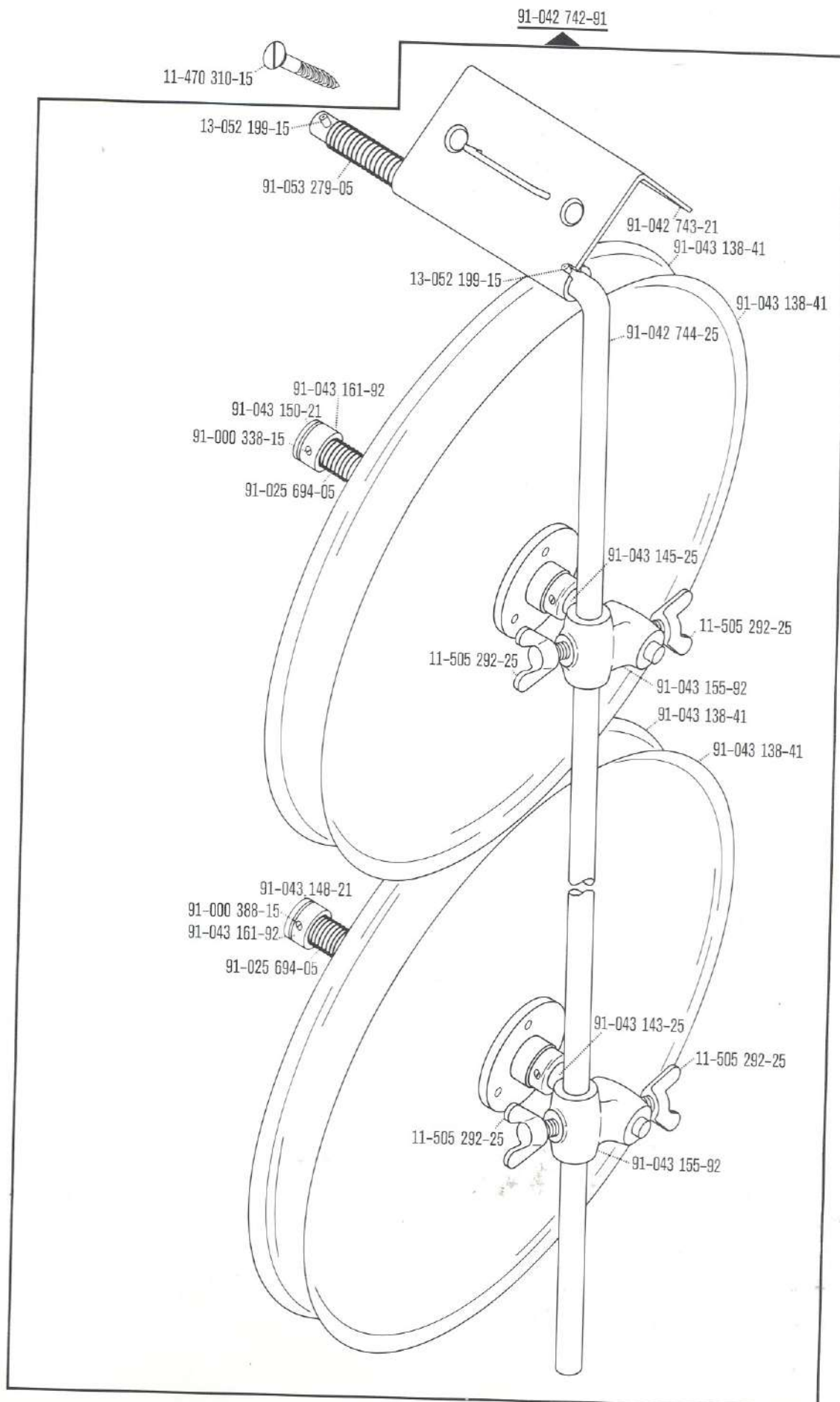


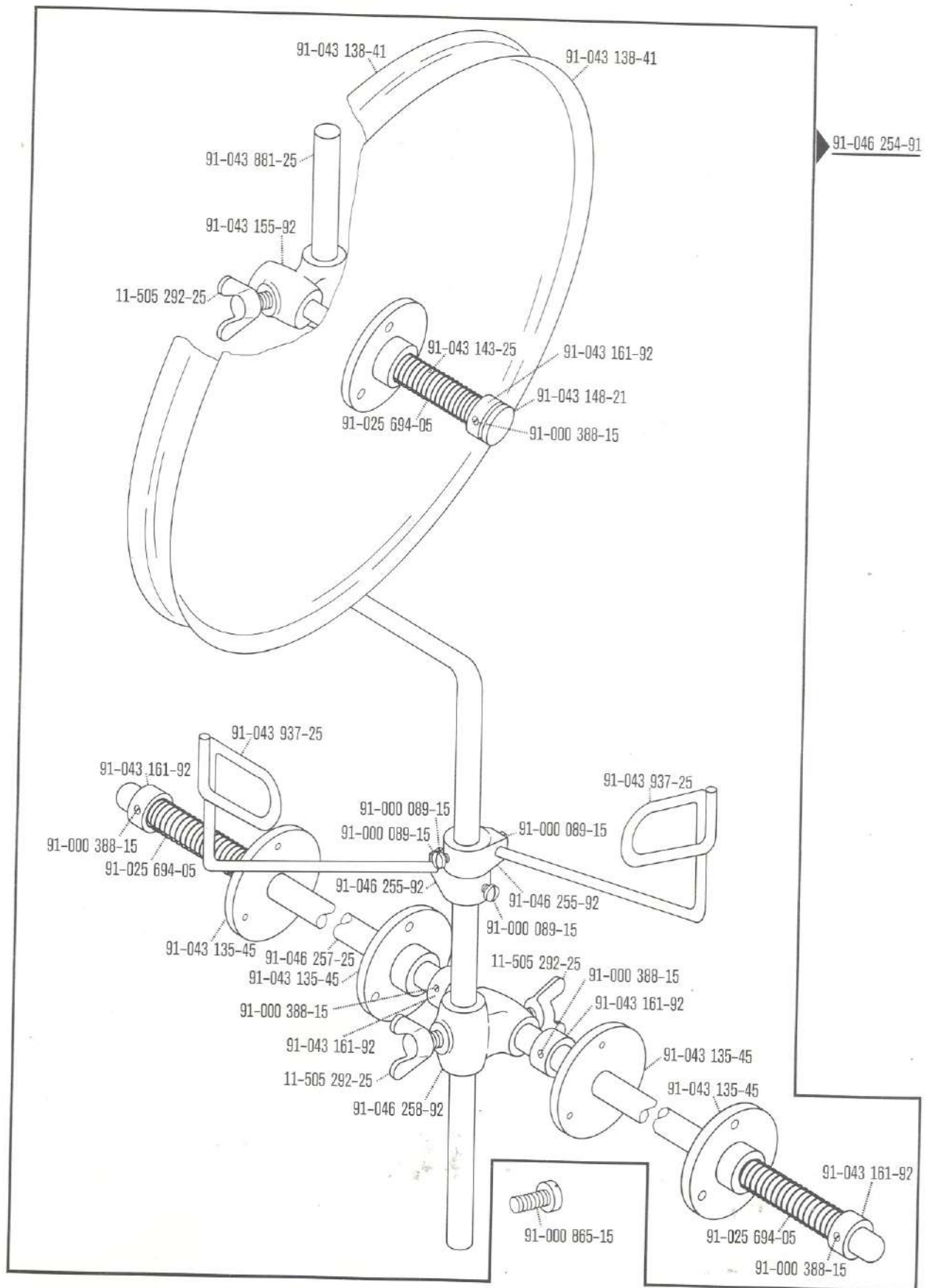
91-040 207-91



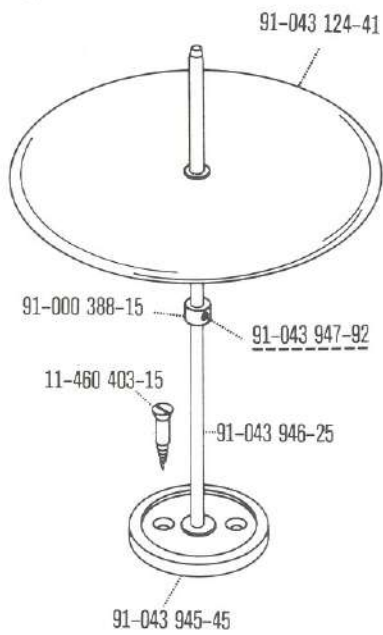
91-041 644-91



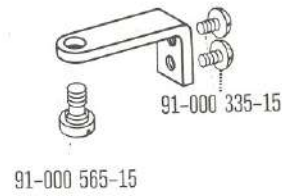




91-043 943-91



91-050 924-15



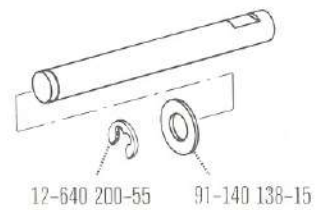
91-056 031-15



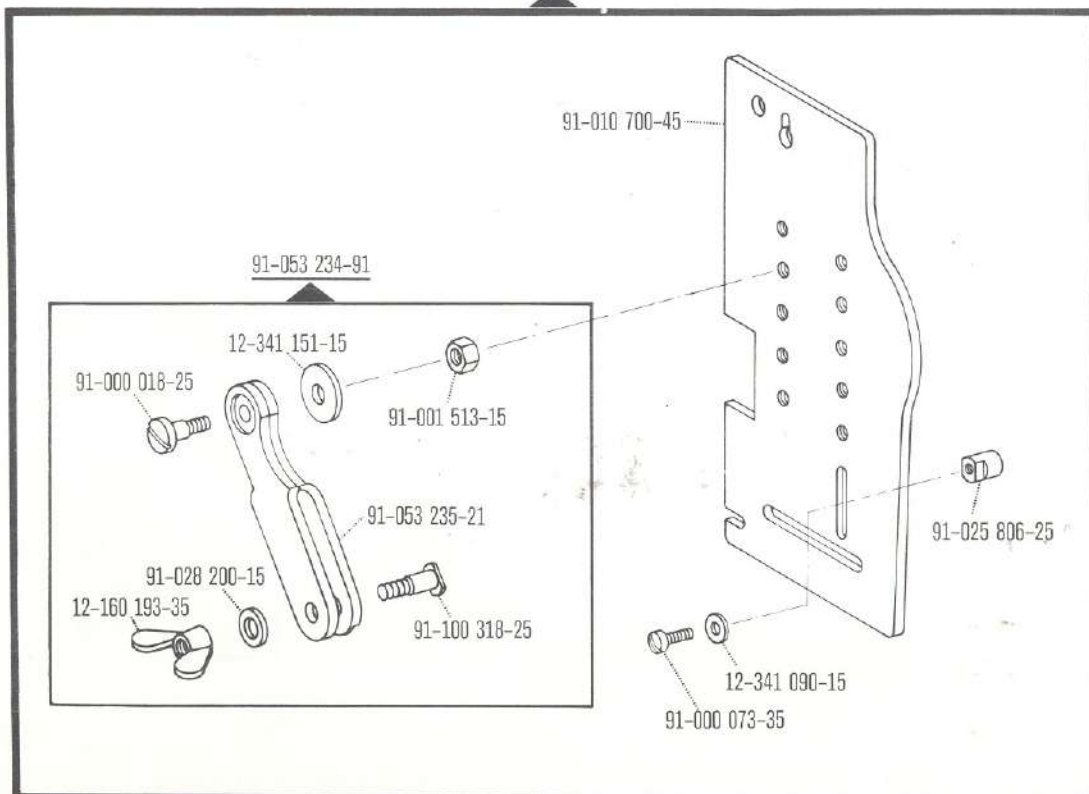
99-053 768-91



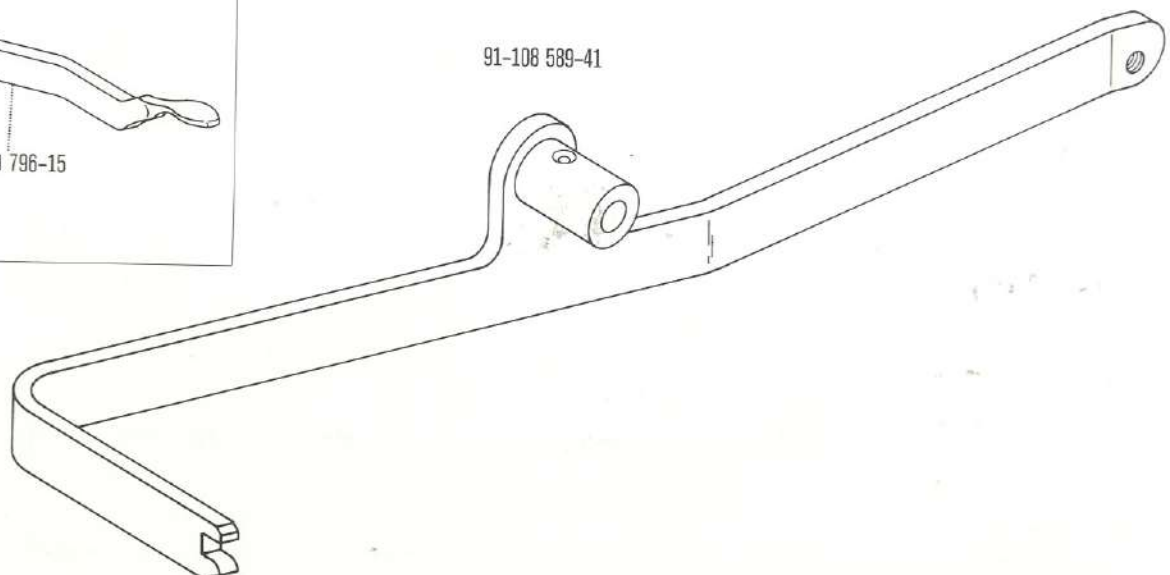
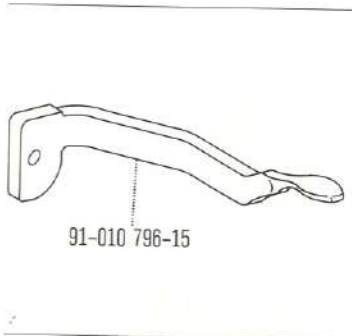
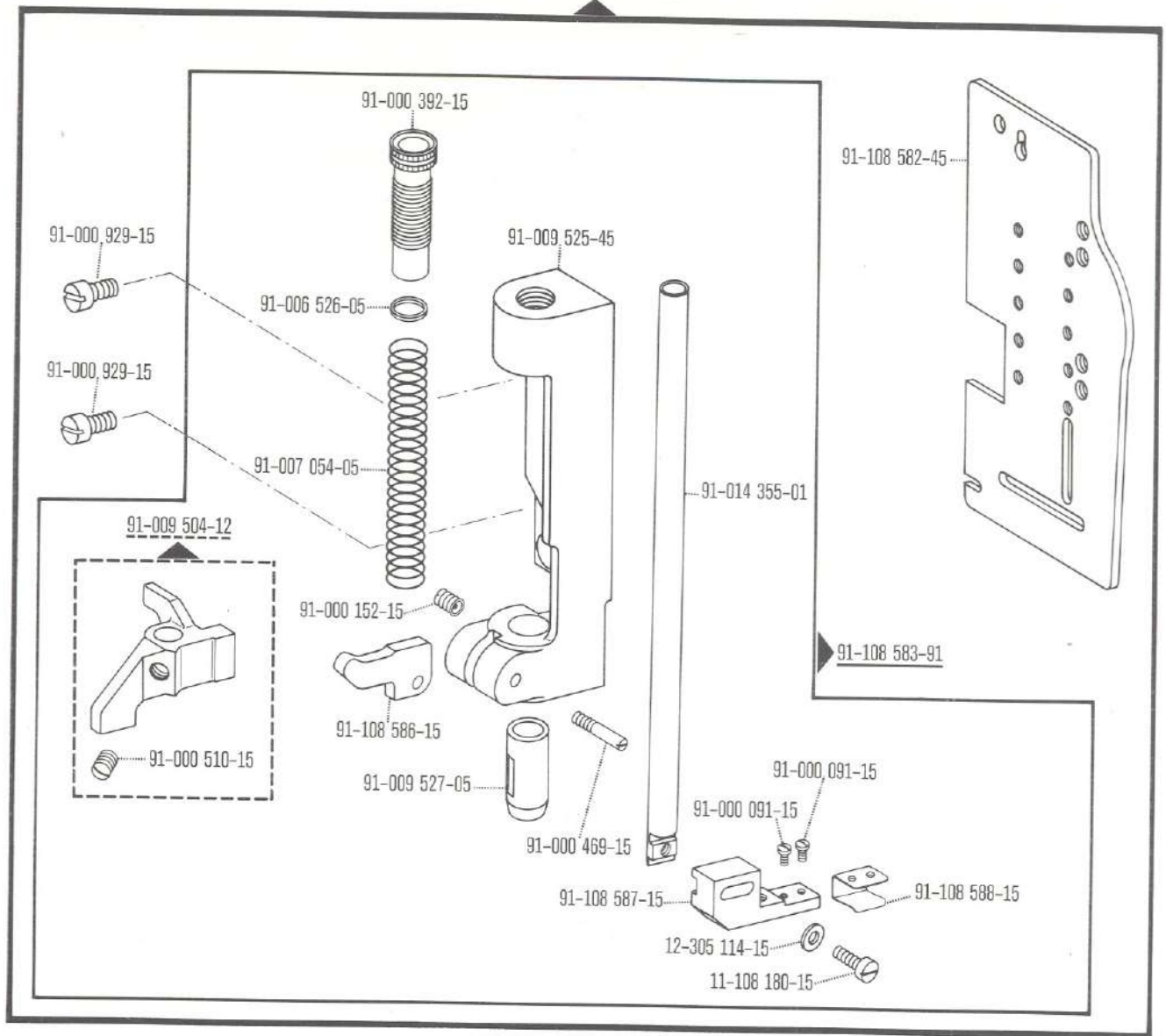
91-108 594-05



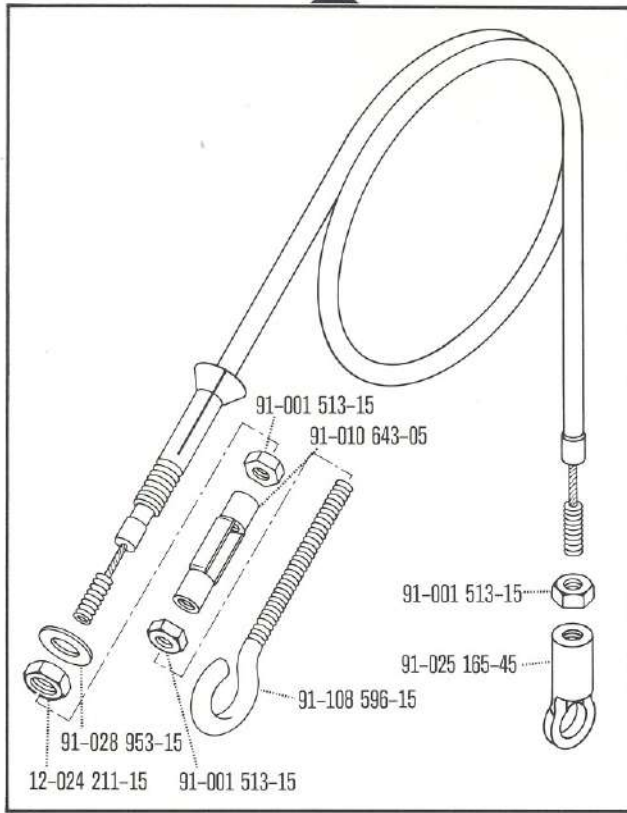
91-010 702-91



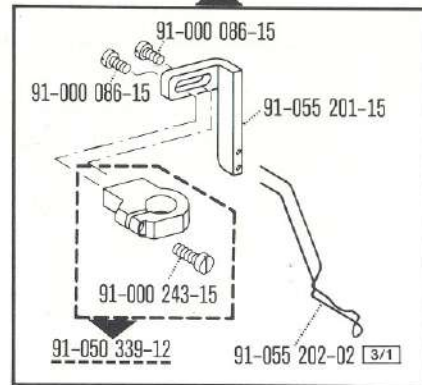
91-108 604-91



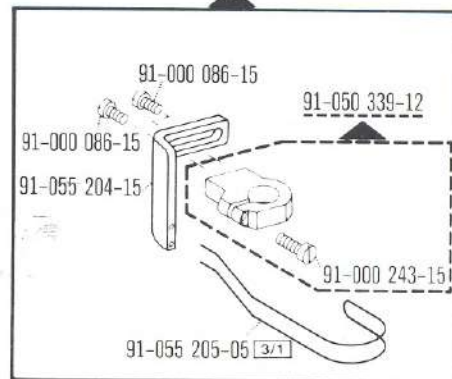
91-108 595-91



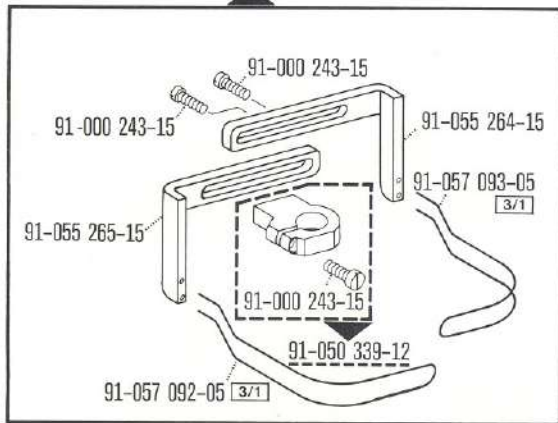
91-055 200-91



91-055 203-91



91-057 091-91



PFAFF[®] 546

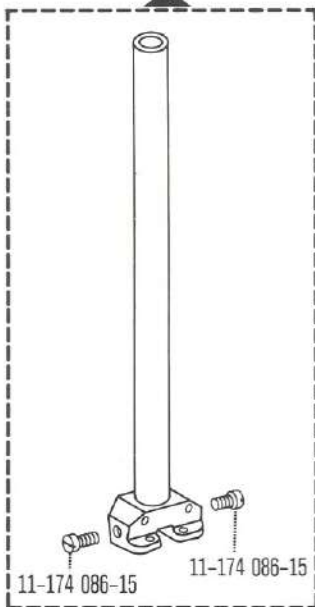
Unterklassen-Ausstattung
Subclass parts
Composition des sous-classes
Composición de las subclases

Unterklassen-Ausstattung¹⁾

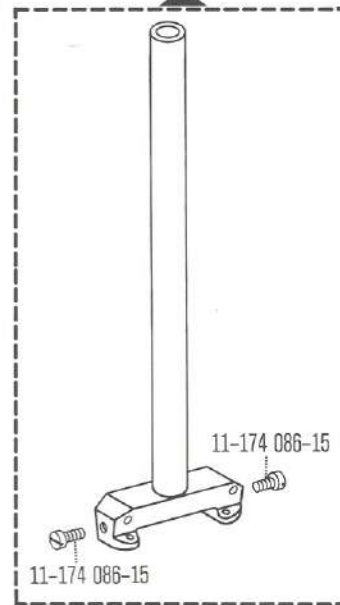
Subclass organization¹⁾

Unterklasse Subclass Sous-classe Subclase	Ausführung Model Version Tipo da máquina	Nadelabstand in mm Needle gauge in mm Ecartement des aiguilles en mm Distancia entre agujas en mm	Nadelstange Needle bar Barre à aiguille Barra de aguja	Stoffschieber Feed dog Griffe Transportador inferior	Stichplatte Needle plate Plaque à aiguille Placa de aguja	Nähfuß Presser foot Pied presseur Pie prensatelas	Stoffschleifer Vibrating presser Pied entraîneur Transportador superior
-6/01	H3; H4 CN H3; H4 DN	3,2-72,0 4,0-72,0	91-710 749-93 10 = 3,2-26,0 mm 91-710 750-93 10 = 28,0-72,0 mm	91-040 433-04 10 = 3,2-36,0 mm 91-047 275-93 10 = 38,0-72,0 mm	91-040 434-04	91-040 429-04	91-040 430-93
-6/01 -900/11; /51	H3 CN	3,2-32,0	91-710 749-93 10 = 3,2-26,0 mm 91-710 750-93 10 = 28,0-32,0 mm	91-047 934-04	91-058 652-04	91-040 429-04	91-040 430-93
-6/01 -900/16; /56	H3 CN	3,2-32,0	91-710 749-93 10 = 3,2-26,0 mm 91-710 750-93 10 = 28,0-32,0 mm	91-047 934-04	91-058 943-04	91-040 429-04	91-040 430-93
-6/01	H3; H4 CN8 H3; H4 DN8	3,2-72,0 4,0-72,0	91-710 749-93 10 = 3,2-26,0 mm 91-710 750-93 10 = 28,0-72,0 mm	91-040 433-04 10 = 3,2-36,0 mm 91-047 275-93 10 = 38,0-72,0 mm	91-486 853-04	91-049 668-04	91-040 430-93
-6/01 -900/11; /51	H3 CN8	3,2-32,0	91-710 749-93 10 = 3,2-26,0 mm 91-710 750-93 10 = 28,0-32,0 mm	91-047 934-04	91-058 652-04	91-049 668-04	91-040 430-93
-6/01 -900/16; /56	H3 CN8	3,2-32,0	91-710 749-93 10 = 3,2-26,0 mm 91-710 750-93 10 = 28,0-32,0 mm	91-047 934-04	91-058 943-04	91-049 668-04	91-040 430-93
-6/01	H3; H4 CN 10 H3; H4 DN 10	3,2-72,0 4,0-72,0	91-710 749-93 10 = 3,2-26,0 mm 91-710 750-93 10 = 28,0-72,0 mm	91-490 712-04	91-490 713-04	91-049 668-04	91-040 430-93
-6/01 -900/11; /51	H3 CN10	3,2-32,0	91-710 749-93 10 = 3,2-26,0 mm 91-710 750-93 10 = 28,0-32,0 mm	91-059 001-04	91-058 688-04	91-049 668-04	91-040 430-93
-6/01 -900/16; /56	H3 CN10	3,2-32,0	91-710 749-93 10 = 3,2-26,0 mm 91-710 750-93 10 = 28,0-32,0 mm	91-059 001-04	91-058 944-04	91-049 668-04	91-040 430-93
-39/61*	H3 CN	10,0-50,0	91-710 749-93 10 = 10,0-26,0 mm 91-710 750-93 10 = 28,0-50,0 mm	91-040 433-04 10 = 10,0-36,0 mm 91-047 275-93 10 = 38,0-50,0 mm	91-040 434-04	91-040 429-04	91-040 430-93
-57/01*	H3 CN; DN	4,8-20,0	91-710 749-93	91-040 433-04	91-040 434-04	91-040 429-04	91-040 430-93
-58/01*	H3 CN; DN	4,8-20,0	91-710 749-93	91-040 433-04	91-040 434-04	91-040 429-04	91-040 430-93
-61/02*	H3 CN	4,8-72,0	91-710 749-93 10 = 4,8-26,0 mm 91-710 750-93 10 = 28,0-72,0 mm	91-040 433-04 10 = 4,8-36,0 mm 91-047 275-93 10 = 38,0-72,0 mm	91-040 434-04	91-040 429-04	91-040 430-93
-61/09*	H3 CN	3,2-20,0	91-710 749-93	91-040 433-04	91-040 434-04	91-043 456-04	91-043 455-93 5
-63/03*	H3 CN	3,2-20,0	91-710 749-93	91-040 433-04	91-040 434-04	91-049 509-04	91-049 017-93
-65/01*	H3 CN	3,2-20,0	91-710 749-93	91-040 433-04	91-040 434-04	91-040 429-04	91-040 430-93
-67/04*	H3 CN	6,0-72,0	91-710 749-93 10 = 6,0-26,0 mm 91-710 750-93 10 = 28,0-72,0 mm	91-040 433-04 10 = 6,0-36,0 mm 91-047 275-93 10 = 38,0-72,0 mm	91-040 434-04	91-040 429-04	91-040 430-93

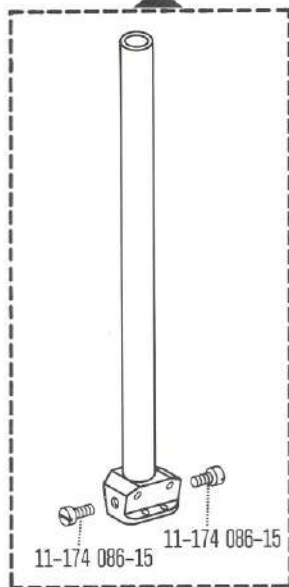
91-710 005-93 10/2



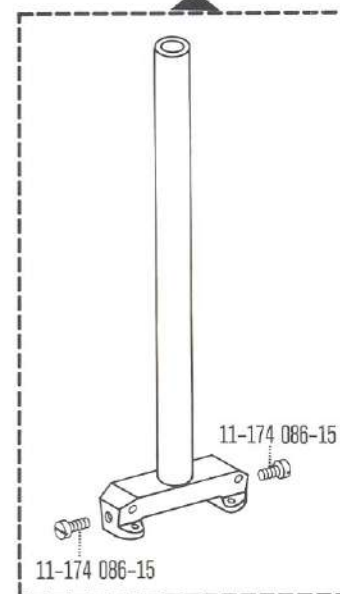
91-710 261-93 10/2



91-710 749-93 10/2



91-710 750-93 10/2



91-040 433-04 4 10/1 10/2



10 = C 3,2 - 6,4 mm
D 4,0 - 8,0 mm

91-040 433-04 4 10/1 10/2

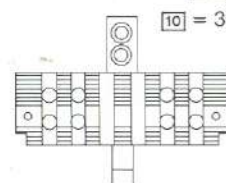


10 = C 7,2 mm >
D 8,4 mm >

91-042 347-04 4 10/2
10/1



91-047 275-93 4 10/2
10/1



10 = 38-72 mm

Unterklassen-Übersicht / Table of subclasses / Table des sous-classes / Tabla de subclasses

91-058 943-04 [4] [10/1] [10/2]



[10] = C 3,2 - 6,4 mm

91-058 943-04 [4] [10/1] [10/2]



[10] = C 7,2 mm >

91-058 944-04 [4] [10/1] [10/2]



[10] = C 3,2 - 6,4 mm

91-058 944-04 [4] [10/1] [10/2]



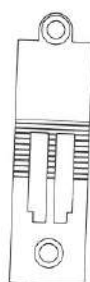
[10] = 7,2 mm >

91-486 853-04 [4] [10/1] [10/2]



[10] = C 3,2 - 6,4 mm
D 4,8 - 8,0 mm

91-486 853-04 [4] [10/1] [10/2]



[10] = C 7,2 mm >
D 8,4 mm >

91-490 713-04 [4] [10/1] [10/2]



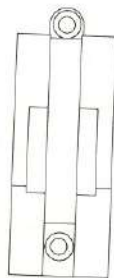
[10] = C 3,2 - 6,4 mm
D 4,8 - 8,0 mm

91-490 713-04 [4] [10/1] [10/2]



[10] = C 7,2 mm >
D 8,4 mm >

91-490 841-04 [4] [5] [10/1] [10/2]



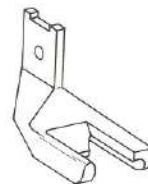
91-040 429-04 [4] [10/2]



91-042 088-05 [10/2] [5]



91-042 377-05 [5] [10/2]



91-042 708-04 [4] [10/2]



91-043 456-04 [4] [10/2]



91-044 449-04 [4] [5] [10/2]



91-045 730-04 [4] [5] [10/2]



91-049 503-03 [4] [5] [10/2]



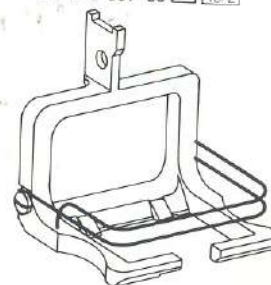
91-049 509-04 [4] [10/2]



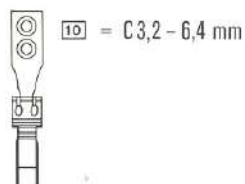
91-049 515-04 [4] [5] [10/2]



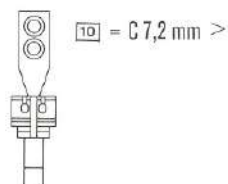
91-049 607-93 [4] [10/2]



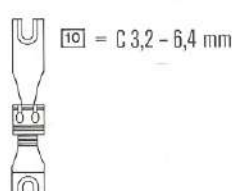
91-047 934-04 [4] [10/1] [10/2]



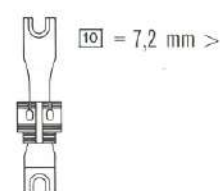
91-047 934-04 [4] [10/1] [10/2]



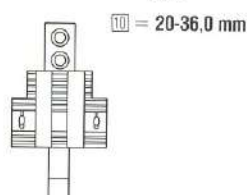
91-059 001-04 [4] [10/1] [10/2]



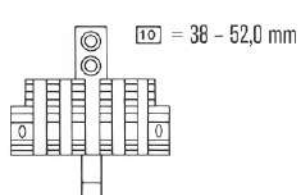
91-059 001-04 [4] [10/1] [10/2]



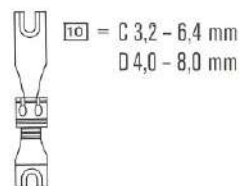
91-059 014-04 [4] [10/1] [10/2]



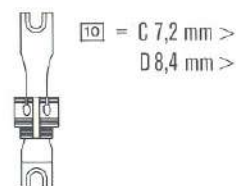
91-059 129-93 [4] [10/1] [10/2]



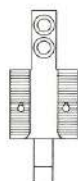
91-490 712-04 [4] [10/1] [10/2]



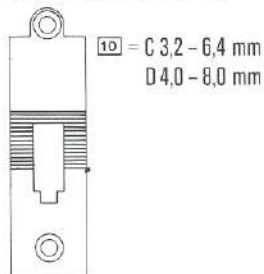
91-490 712-04 [4] [10/1] [10/2]



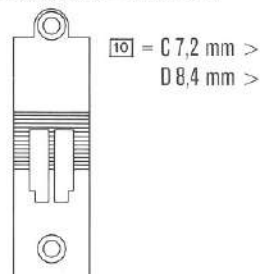
91-490 842-04 [4] [5] [10/1] [10/2]



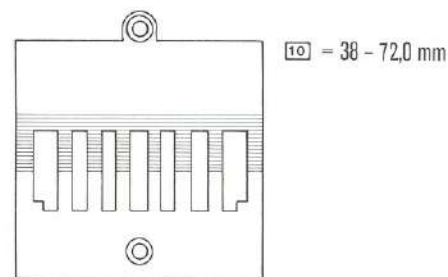
91-040 434-04 [4] [10/1] [10/2]



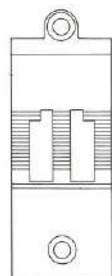
91-040 434-04 [4] [10/1] [10/2]



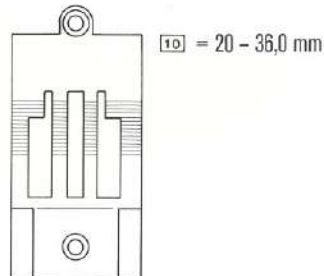
91-040 434-04 [4] [10/1] [10/2]



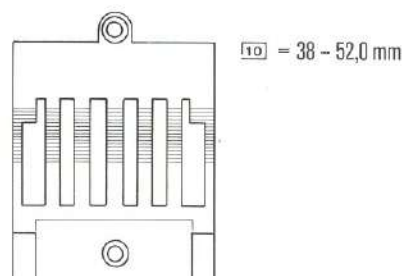
91-042 348-04 [4] [10/1] [10/2]



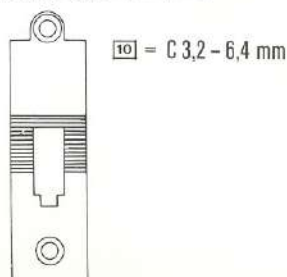
91-058 050-03 [4] [10/1] [10/2]



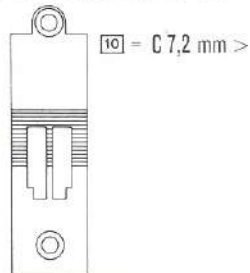
91-058 050-03 [4] [10/1] [10/2]



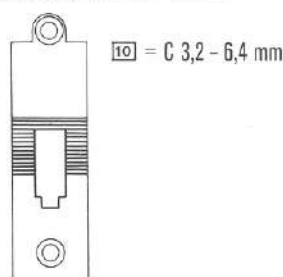
91-058 652-04 [4] [10/1] [10/2]



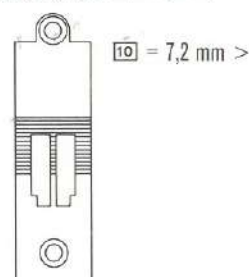
91-058 652-04 [4] [10/1] [10/2]



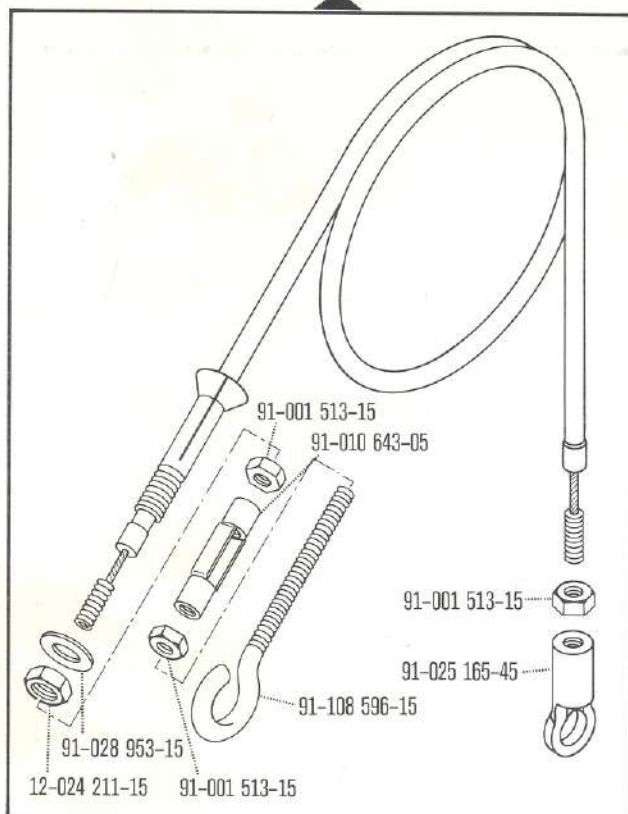
91-058 688-04 [4] [10/1] [10/2]



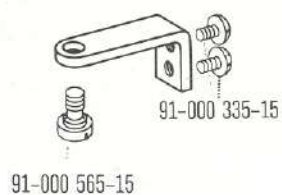
91-058 688-04 [4] [10/1] [10/2]



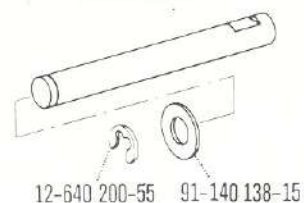
91-108 595-91



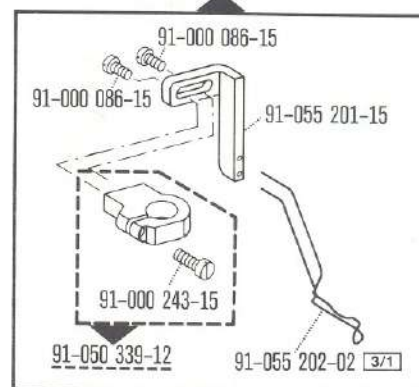
91-050 924-15



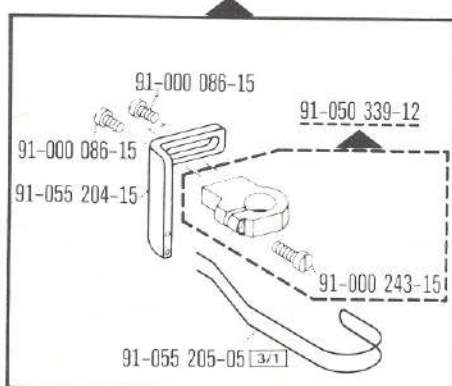
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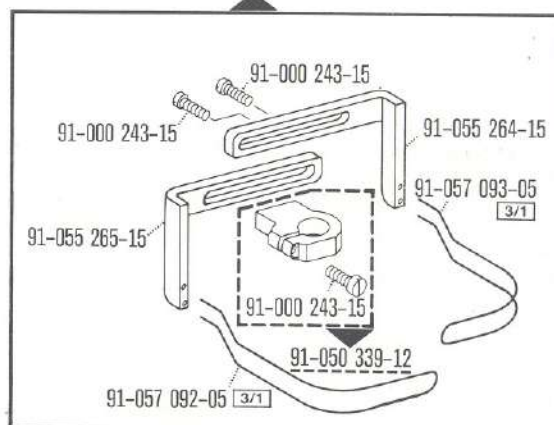
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