

# PFAFF

## 3588-02/021

Teileliste

Parts list

Liste de pièces

Lista de piezas

Diese Teileliste hat für Maschinen ab nachfolgender Seriennummer Gültigkeit:

This parts list applies to machines from the following serial numbers onwards:

Cette liste de pièces est valable pour les machines au numéros de série à partir de:

Esta lista de piezas tiene validez para máquinas a partir del número de serie siguiente:

# 2720082 →

Alle Informationen und Abbildungen waren zum Zeitpunkt der Druckgebung auf dem neusten Stand.

Technische Änderungen vorbehalten!

Der Nachdruck, die Vervielfältigung sowie die Übersetzung - auch auszugweise - aus PFAFF-Teilelisten ist nur mit unserer vorherigen Zustimmung und mit der Quellenangabe gestattet.

At the time of printing, all information and illustrations contained in this document were up to date.

Subject to alteration!

The reprinting, copying or translation of PFAFF Parts lists whether in whole or in part, is only permitted with our previous permission and with written reference to the source.

Au moment de la remise à l'imprimeur, toutes les informations et figures se rapportant à cette machine correspondaient à l'état actuel des connaissances.

Sous réserve de modifications techniques!

Aucune reproduction, polycopie ou traduction - même par extraits - des listes de pièces PFAFF ne peut être effectuée, à condition d'en indiquer l'origine, sans notre autorisation expresse.

Todas las informaciones e ilustraciones de este manual estaban al día en el momento de entregarse para su impresión.

¡ Salvo modificaciones técnicas!

La reimpresión, reproducción y traducción - aunque sólo sea parcial - de las listas de piezas PFAFF sólo está permitida con nuestro permiso previo e indicando la fuente.

## PFAFF Industrie Maschinen AG

Postfach 3020  
D-67653 Kaiserslautern  
Königstr. 154  
D-67655 Kaiserslautern

Redaktion/Illustration  
Verlag Technische Dokumentation  
Postfach 1106  
D-77901 Lahr

|             |   | Seite<br>Page<br>Page<br>Página |
|-------------|---|---------------------------------|
| <b>0</b>    | <b>Wichtiger Hinweis .....</b>                  | <b>0 - 1</b>                    |
|             | Important note                                  |                                 |
|             | Avis important                                  |                                 |
|             | Observación importante                          |                                 |
| <b>1</b>    | <b>Vorwort .....</b>                            | <b>1 - 1</b>                    |
|             | Foreword  |                                 |
|             | Avant-propos                                    |                                 |
|             | Notas preliminares                              |                                 |
| <b>2</b>    | <b>Erläuterungen der Schlüsselzeichen .....</b> | <b>2 - 1</b>                    |
|             | Explanation of key markings                     |                                 |
|             | Explication des symboles                        |                                 |
|             | Explicaciones de los signos clave               |                                 |
| <b>3</b>    | <b>Nähmaschine</b>                              |                                 |
|             | Sewing machine                                  |                                 |
|             | Tête de machine                                 |                                 |
|             | Máquina de coser                                |                                 |
| <b>3.01</b> | <b>Gehäuseteile .....</b>                       | <b>3 - 1</b>                    |
|             | Housing sections                                |                                 |
|             | Parties du corps                                |                                 |
|             | Piezas del cárter                               |                                 |
| <b>3.02</b> | <b>Kopfteile .....</b>                          | <b>3 - 2</b>                    |
|             | Needle head parts                               |                                 |
|             | Pièces de tête                                  |                                 |
|             | Piezas de la cabeza                             |                                 |
| <b>3.03</b> | <b>Arzteile .....</b>                           | <b>3 - 5</b>                    |
|             | Arm parts                                       |                                 |
|             | Pièces de bras                                  |                                 |
|             | Piezas del brazo                                |                                 |
| <b>3.04</b> | <b>Grundplattenteile .....</b>                  | <b>3 - 12</b>                   |
|             | Bedplate parts                                  |                                 |
|             | Pièces du plateau fondamental                   |                                 |
|             | Piezas del cárter                               |                                 |
| <b>4</b>    | <b>Tischplatte .....</b>                        | <b>4 - 1</b>                    |
|             | Table top                                       |                                 |
|             | Plateau de table                                |                                 |
|             | Tablero de costura                              |                                 |
| <b>5</b>    | <b>Gestell mit Anbauteilen .....</b>            | <b>5 - 1</b>                    |
|             | Stand with assembly parts                       |                                 |
|             | Bâti avec éléments de montage                   |                                 |
|             | Bancada con piezas de montaje                   |                                 |
| <b>6</b>    | <b>X-Y-Antrieb .....</b>                        | <b>6 - 1</b>                    |
|             | X-Y drive                                       |                                 |
|             | Système de commande X-Y                         |                                 |
|             | Grupo de accionamiento "X-Y"                    |                                 |

|              |  | Seite<br>Page<br>Page<br>Página |
|--------------|--|---------------------------------|
| <b>7</b>     | <b>Stapler .....</b>   | <b>7 - 1</b>                    |
|              | Stacker  |                                 |
|              | Empileur   |                                 |
|              | Apilador   |                                 |
| <b>8</b>     | <b>Umbugger .....</b>  | <b>8 - 1</b>                    |
|              | Folder   |                                 |
|              | Remplieur  |                                 |
|              | Grupo doblador   |                                 |
| <b>9</b>     | <b>Pneumatische Ausrüstung .....</b>                         | <b>9 - 1</b>                    |
|              | Pneumatic equipment  |                                 |
|              | Equipement pneumatique                                       |                                 |
|              | Equipo neumático   |                                 |
| <b>10</b>    | <b>Elektrische Ausrüstung</b>                                |                                 |
|              | Electrical equipment   |                                 |
|              | Equipement électrique  |                                 |
|              | Equipo eléctrico   |                                 |
| <b>10.01</b> | <b>Bedienfeld .....</b>                                      | <b>10 - 1</b>                   |
|              | Control panel  |                                 |
|              | Panneau de commande  |                                 |
|              | Panel de mandos  |                                 |
| <b>10.02</b> | <b>Notausschalter und Nähmotor .....</b>                     | <b>10 - 2</b>                   |
|              | Emergency shut-off switch and sewing motor                   |                                 |
|              | Interrupteur d'arrêt d'urgence et moteur de machine à coudre |                                 |
|              | Interruptor de emergencia y motor máquina de coser           |                                 |
| <b>10.03</b> | <b>Zweihandbedienung .....</b>                               | <b>10 - 3</b>                   |
|              | Operation with both hands                                    |                                 |
|              | Commande à deux mains  |                                 |
|              | Manejo a dos manos   |                                 |
| <b>10.04</b> | <b>Steuergerät .....</b>                                     | <b>10 - 4</b>                   |
|              | Control device   |                                 |
|              | Boîte de commande  |                                 |
|              | Caja de mandos   |                                 |
| <b>10.05</b> | <b>Saugeinrichtung .....</b>                                 | <b>10 - 15</b>                  |
|              | Vacuum system  |                                 |
|              | Dispositif d'aspiration                                      |                                 |
|              | Dispositivo de aspiración                                    |                                 |
| <b>10.06</b> | <b>Stoffrückhaltevorrichtung .....</b>                       | <b>10 - 16</b>                  |
|              | Workpiece retainer   |                                 |
|              | Dispositif de rétention du tissu                             |                                 |
|              | Dispositivo de retención del material                        |                                 |
| <b>11</b>    | <b>Verkleidung .....</b>                                     | <b>11 - 1</b>                   |
|              | Cover panel  |                                 |
|              | Carters  |                                 |
|              | Revestimiento  |                                 |

|              |   | Seite<br>Page<br>Page<br>Página |
|--------------|---|---------------------------------|
| <b>12</b>    | <b>Garnrollenständer .....</b>  | <b>12 - 1</b>                   |
|              | Reel stands   |                                 |
|              | Porte-bobines   |                                 |
|              | Portacarretes   |                                 |
| <b>13</b>    | <b>Einstellehren .....</b>  | <b>13 - 1</b>                   |
|              | Adjustment gauges   |                                 |
|              | Calibres  |                                 |
|              | Calibres de ajuste  |                                 |
| <b>14</b>    | <b>Schmiermittel-Übersicht .....</b>                                  | <b>14 - 1</b>                   |
|              | Overview of lubricants  |                                 |
|              | Tableau de lubrifiants  |                                 |
|              | Tabla de lubricantes  |                                 |
| <b>15</b>    | <b>Optionen .....</b>   |                                 |
|              | Options   |                                 |
|              | Options   |                                 |
|              | Opciones  |                                 |
| <b>15.01</b> | <b>Höhenverstellung für Gestell .....</b>                             | <b>15 - 1</b>                   |
|              | Vertical adjustment for frame   |                                 |
|              | Réglage de la hauteur du bâti   |                                 |
|              | Regulación de la altura del bastidor                                  |                                 |
| <b>15.02</b> | <b>Transportrolle .....</b>   | <b>15 - 6</b>                   |
|              | Feed roller   |                                 |
|              | Galet d'entraînement  |                                 |
|              | Rodillo el transporte   |                                 |
| <b>15.03</b> | <b>Ecken-Umbuggschieber .....</b>                                     | <b>15 - 7</b>                   |
|              | Edge folders  |                                 |
|              | Glissière rempliage du coin   |                                 |
|              | Remetedor de esquinas   |                                 |
| <b>15.04</b> | <b>Taschenblech .....</b>   | <b>15 - 10</b>                  |
|              | Pocket plate  |                                 |
|              | Garabit de poche  |                                 |
|              | Chapa del bosillo   |                                 |
| <b>15.05</b> | <b>Schablonenblech .....</b>  | <b>15 - 14</b>                  |
|              | Jip plate   |                                 |
|              | Garabit   |                                 |
|              | Plantilla   |                                 |
| <b>15.06</b> | <b>Anbausatz für variablen Nähschlitz und Patten .....</b>            | <b>15 - 17</b>                  |
|              | Add-on kit for variable needle slot and flap                          |                                 |
|              | Jeu de pièces adaptables fente de couture variable et rabats          |                                 |
|              | Juego de piezas acoplables para ranura de costura variable y carteras |                                 |
| <b>15.07</b> | <b>Anbausatz für Etiketten .....</b>                                  | <b>15 - 18</b>                  |
|              | Add-on kit for label  |                                 |
|              | Jeu de pièces adaptables pour étiquettes                              |                                 |
|              | Juego de piezas acoplables para etiquetas                             |                                 |

|  | Seite<br>Page<br>Page<br>Página |
|--|---------------------------------|
| <b>15.08 Anbausatz für vorgebuggte Taschen .....</b> | 15 - 19                         |
| Add-on kit for pre-folded pockets                    |                                 |
| Kit pour poches conformées                           |                                 |
| Conjunto de piezas para bolsillo predoblado          |                                 |
| <b>15.09 Etikettenpositioniereinrichtung .....</b>   | 15 - 20                         |
| Label positioning device                             |                                 |
| Dispositif de positionnement d'étiquettes            |                                 |
| Dispositivo posicionador de etiquetas                |                                 |
| <b>15.10 Anbausatz für Programmerkennung .....</b>   | 15 - 21                         |
| Add-on kit for program identification                |                                 |
| Kit pour reconnaissance de programme                 |                                 |
| Kit para identificación del programa                 |                                 |
| <b>15.11 Anbausatz für Magnet .....</b>              | 15 - 22                         |
| Add-on kit for solenoid                              |                                 |
| Jeu de pièces adaptables pour electro-aimant         |                                 |
| Juego de piezas acoplables para Electroimán          |                                 |
| <b>15.12 Bausatz für breiten Saum .....</b>          | 15 - 23                         |
| Kit for wide hem                                     |                                 |
| Kit pour ourlet large                                |                                 |
| Juego de montaje para dobladillo ancho               |                                 |
| <b>15.13 Hubvorrichtung .....</b>                    | 15 - 24                         |
| Lifting mechanism                                    |                                 |
| Mécanisme élévateur                                  |                                 |
| Dispositivo de elevación                             |                                 |
| <b>16 Index (Teilenummern / Seitenzahlen)</b>        | 16 - 1                          |
| Index (part numbers / page numbers)                  |                                 |
| Index (numéros de pièces, de pages)                  |                                 |
| Index (números de pieza / números de página)         |                                 |

### Achtung!



Wir machen ausdrücklich darauf aufmerksam, daß Ersatz- und Zubehörteile, die nicht von uns geliefert werden, auch nicht von uns geprüft und freigegeben sind. Der Einbau und / oder die Verwendung solcher Produkte kann daher u. Umständen konstruktiv vorgegebene Eigenschaften Ihrer Maschine negativ verändern. Für Schäden, die durch die Verwendung von Nicht-Originalteilen entstehen, übernehmen wir keine Haftung!

### Caution!



We warn you expressively that spare parts and accessories that are not supplied by us are not tested and released by us. Fitting or using these products may therefore have negative influences on features that depend on the machine design. We are not liable for any damage caused by the use of non-Pfaff parts!

### Attention!



Nous attirons expressément votre attention sur le fait que les pièces de rechange et accessoires qui n'ont pas été livrés par nous n'ont pas non plus été contrôlés et agréés par nous. C'est pourquoi le montage et/ou l'utilisation de telles pièces peut éventuellement entraîner l'altération des caractéristiques de construction de votre machine. Par conséquent, nous n'assumons aucune responsabilité pour les dommages causés par l'emploi de pièces qui ne sont pas d'origine!

### ¡Atención!



Se hace observar que en el caso de piezas de recambio y accesorios que no hayan sido suministrados por nosotros, quiere decir que no han sido sometidas por nuestra parte a un control y que no se les ha dado el visto bueno. Por esta razón, el montaje y/o empleo de tales productos puede repercutir negativamente en las características previstas en su máquina. ¡Para los daños que eventualmente pudiesen presentarse al utilizar piezas no originales, no asumimos ninguna garantía!

- Die Seriennummer der Maschine, für die diese Teileliste Gültigkeit hat, ist auf der Titelseite aufgeführt.
  - Alle Teile sind so abgebildet, wie sie in der Maschine funktionsmäßig zusammengehören.
  - Gestrichelt dargestellte Teile zeigen angrenzende Teile aus anderen Funktionsgruppen.
  - Im oberen Teil der Bildseiten befindet sich eine Gesamtansicht der Maschine .
  - Der Einbauort der dargestellten Teile wird durch eine gerasterte Fläche gekennzeichnet.
  - Einrahmungen auf den Bildseiten zeigen, aus welchen Einzelteilen sich die Gruppenteile zusammensetzen.
  - Die auf den Bildseiten verwendeten Schlüsselzeichen ( ; ;  usw.) sind im Kapitel "Erläuterungen der Schlüsselzeichen" aufgelistet.
- 
- The serial number of the machine to which this parts list applies is indicated on the cover page.
  - All parts are illustrated in function groups with the parts which they function together with in the machine.
  - Parts illustrated with broken lines are parts from other function groups which border on the illustrated function group.
  - The above section of the page of illustrations contains a total view of the machine. The place for the installation of the parts pictured here is marked by the grid.
  - The framed-in sections on the illustration pages show the individual parts comprising a group.
  - The key markings used on the illustrated pages ( ; ;  etc.) are listed in the chapter "Explanation of key markings".
- 
- Le numéro de série de la machine pour laquelle cette liste de pièces est valable est indiqué sur la première page.
  - Toutes les pièces sont représentées en fonction de leur groupement fonctionnel dans la machine.
  - Les pièces hachurées indiquent les pièces limitrophes de groupes de fonctions différents.
  - La partie supérieure des pages de figures comprend une présentation globale de la machine. L'emplacement des pièces représentées est signalé par quadrillages.
  - Les parties encadrées sur les pages à illustrations représentent les pièces individuelles formant groupe.
  - Vous trouverez au chapitre "Explication des symboles" une liste des symboles utilisés sur les pages de figures ( ; ;  etc.)
- 
- El número de serie de la máquina para la cual tiene validez esta lista de piezas va indicado en la página de título.
  - Todas las piezas están ilustradas tal como aparecen en la máquina para su funcionamiento.
  - Las piezas representadas con rayitas muestran piezas colindantes de otros grupos de funciones.
  - En la parte superior de las páginas ilustradas se puede ver una vista en conjunto de la máquina.
  - El lugar de montaje de la pieza representada va caracterizada mediante una superficie reticulada.
  - Los recuadros en las páginas ilustradas indican las piezas individuales de que se componen los grupos.
  - Los signos clave (  ;  ;  etc.) empleados en las páginas con ilustraciones van listados en el capítulo "Explicaciones de los signos clave".

|       |   |
|-------|---|
| 3     | Geklebt<br>Part cemented<br>Pièce collée<br>Pieza pegada  |
| 3/1   | Gesichert mit Loctite<br>Secured with Loctite<br>Bloqué par Loctite<br>Asegurado con Loctite  |
| 3/4   | Selbstklebend<br>Self-adhesive<br>Auto-adhésif<br>Autoadhesivo  |
| 6     | Nadeldicke und Spitzenform bei Bestellung angeben.<br>Needle size and style of point to be stated on order.<br>Préciser la grosseur de l'aiguille et la forme de la pointe à la commande.<br>Grosor de aguja y forma de la punta, indíquese en los pedidos.   |
| 27/2  | Eingeklammerte Zahl = Dicke in mm.<br>Number in brackets = thickness in mm.<br>Chiffre entre parenthèses = épaisseur en mm<br>Cifra entre paréntesis = espesor en mm.   |
| 27/5  | Eingeklammerte Zahl = Länge in mm.<br>Number in brackets = length in mm.<br>Chiffre entre parenthèses = longueur en mm<br>Cifra entre paréntesis = largura en mm.   |
| 27/19 | Eingeklammerte Zahl = Stichlochbreite in mm.<br>Number in brackets = needle hole width in mm.<br>Chiffre entre parenthèses = largeur du trou d'aiguille en mm<br>Cifra entre paréntesis = anchura del agujero pasante para la aguja en mm.  |
| 27/20 | Eingeklammerte Zahl = Stichlochdurchmesser in mm.<br>Number in brackets = needle hole diameter in mm.<br>Chiffre entre parenthèses = diamètre du trou d'aiguille en mm<br>Cifra entre paréntesis = diámetro del agujero pasante para la aguja en mm.  |
| 28    | Sonderausführung<br>Special version<br>Version spéciale<br>Tipo especial  |
| 32    | Beim Einbau dieses Teiles wird für die Paßgenauigkeit zum Anschlußteil keine Garantie übernommen; zweckmäßig vollständiges Aggregat bestellen.<br>No guarantee is assumed that this part will fit the mating part; it is best to order a complete assembly.<br>Aucune garantie ne pourra être assurée quant à la précision d'ajustage de cette pièce avec l'pièce correspondante; il est indiqué de commander un mécanisme complet.<br>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  | Beim Einbau dieses Teiles ist Nacharbeit erforderlich.<br>When fitting this part re-work is required.<br>Retouches nécessaires au montage.<br>Al montar esta pieza hay que retocarla antes  |

35/1

**Bei Montage vernieten.**

To be riveted after assembly.

River après montage.

Remáchese después del montaje.

40/2

**Tränken mit 28-011 201-44; Bestellnummer siehe Seite 14 - 1.**

Soak with 28-011 201-44; for part number see page 14 - 1.

Imbiber d'huile 28-011 201-44; n° de commande, voir page 14 - 1.

Empape con aceite 28-011 201-44; para el Número de pedido véase la página 14 - 1.

40/3

**Fetten mit 28-011 202-47; Bestellnummer siehe Seite 14 - 1.**

Grease with 28-011 202-47; for part number see page 14 - 1.

Graiser avec de la graisse 28-011 202-47; n° de commande, voir page 14 - 1.

Engrase con grasa 28-011 202-47; para el Número de pedido véase la página 14 - 1.

40/4

**Fetten mit 28-011 202-43; Bestellnummer siehe Seite 14 - 1.**

Grease with 28-011 202-43; for part number see page 14 - 1.

Graiser avec de la graisse 28-011 202-43; n° de commande, voir page 14 - 1.

Engrase con grasa 28-011 202-43; para el Número de pedido véase la página 14 - 1.

40/5

**Ölen mit 28-011 201-44; Bestellnummer siehe Seite 14 - 1.**

Oil with 28-011 201-44; for part number see page 14 - 1.

Huiler avec de la graisse 28-011 201-44; n° de commande, voir page 14 - 1.

Lubrifique con grasa 28-011 201-44; para el Número de pedido véase la página 14 - 1.

40/13

**Fetten mit 28-011 202-05; Bestellnummer siehe Seite 14 - 1.**

Grease with 28-011 202-05; for part number see page 14 - 1.

Graiser avec de la graisse 28-011 202-05; n° de commande, voir page 14 - 1.

Engrase con grasa 28-011 202-05; para el Número de pedido véase la página 14 - 1.

40/22

**Füllen mit 28-011 202-10; Bestellnummer siehe Seite 14 - 1.**

Top up with 28-011 202-10; for part number see page 14 - 1.

Remplir de 28-011 202-10; n° de commande, voir page 14 - 1.

Rellene con 28-011 202-10; para el Número de pedido véase la página 14 - 1.

81/1

**Stückzahl je nach Bedarf.**

Quantity as required.

Nombre en fonction besoin.

Cantidad según sea necesario.

81/3

**Verwendung je nach Bedarf.**

To be used as required.

Utilisation en fonction besoins.

Utilización según sea necesario.

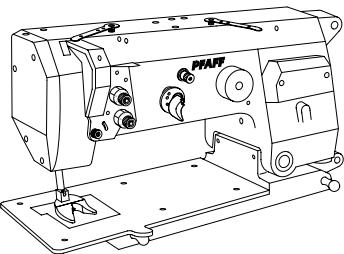
96

**Länge angeben.**

State length.

Préciser longueur.

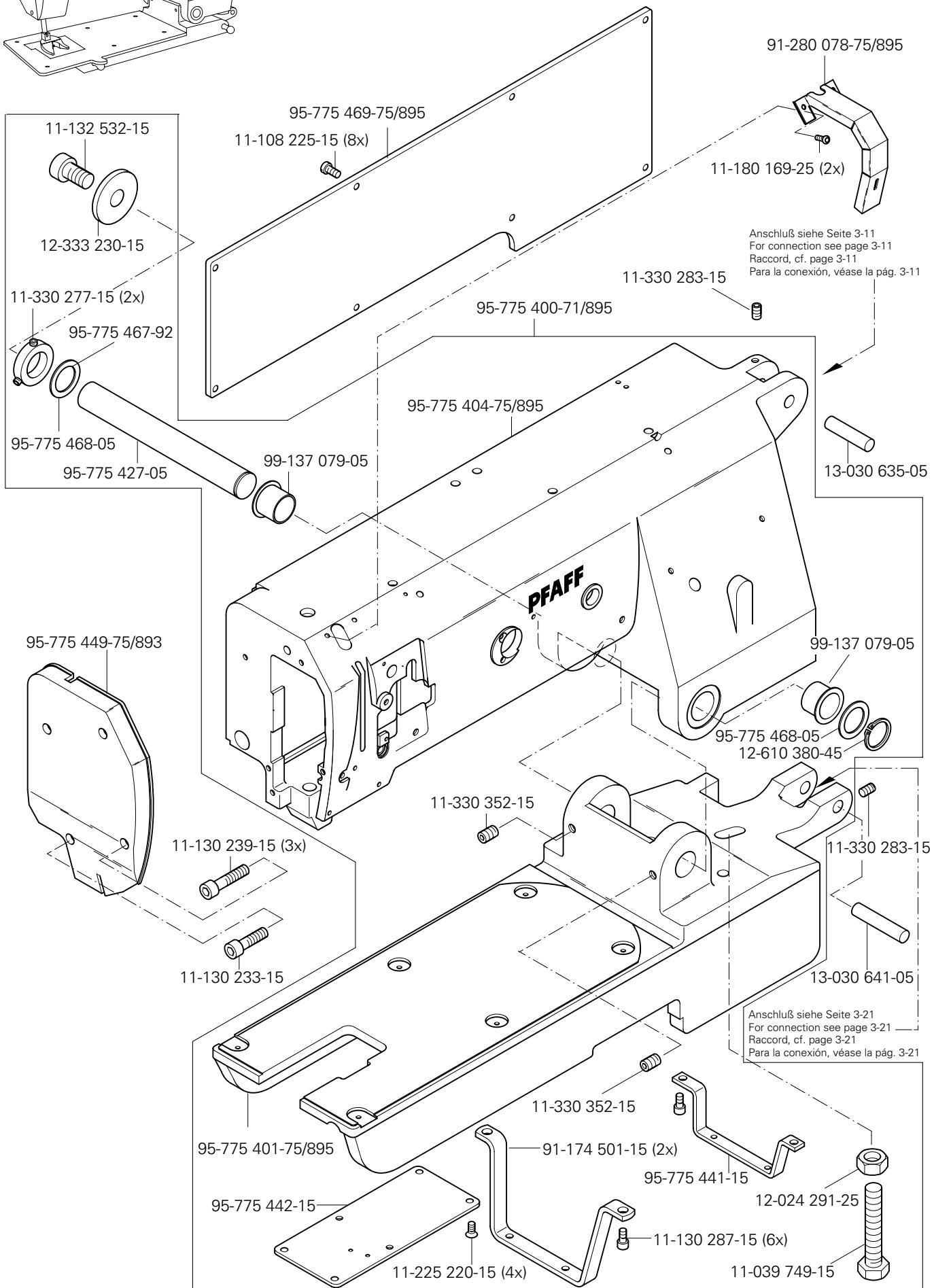
Indíquese la largura



Gehäuseteile  
Housing sections  
Parties du corps  
Piezas del cárter

PFAFF 3588-02/021

**3.01**



# 3.02

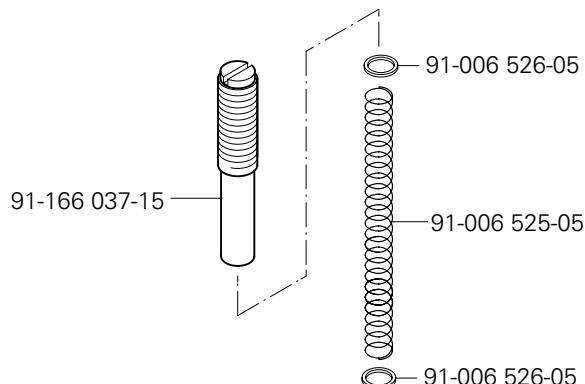
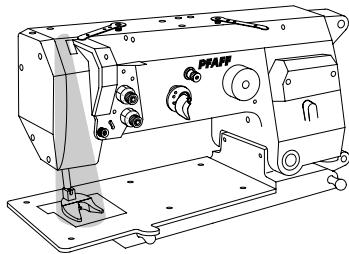
Kopfteile

Needle head parts

Pièces de tête

Piezas de la cabeza

PFAFF 3588-02/021

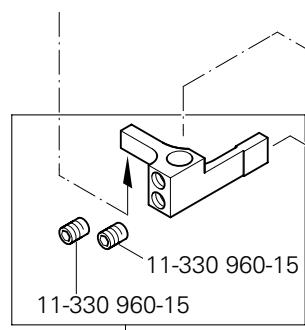


Anschluß siehe Seite 3-8

For connection see page 3-8

Raccord, cf. page 3-8

Para la conexión, véase la pág. 3-8



91-700 785-15

25-308 820-30 [96]

91-166 915-05

95-775 946-91

25-308 820-30 [96]

25-308 820-30 [96]

Anschluß siehe Seite 3-21  
For connection see page 3-21

Raccord, cf. page 3-21

Para la conexión, véase la pág. 3-21

95-778 089-05

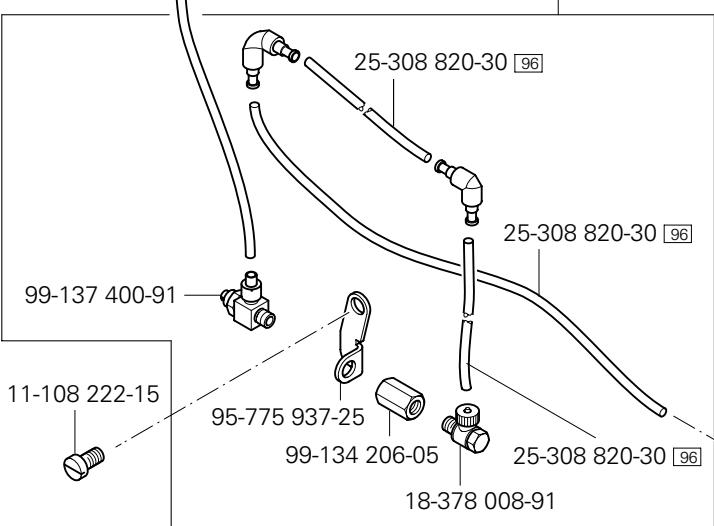
11-341 280-15

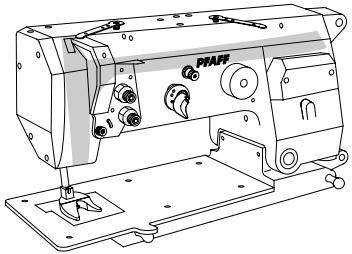
91-166 034-01

91-057 133-04/001 [3/1]

95-775 753-91

11-173 177-15

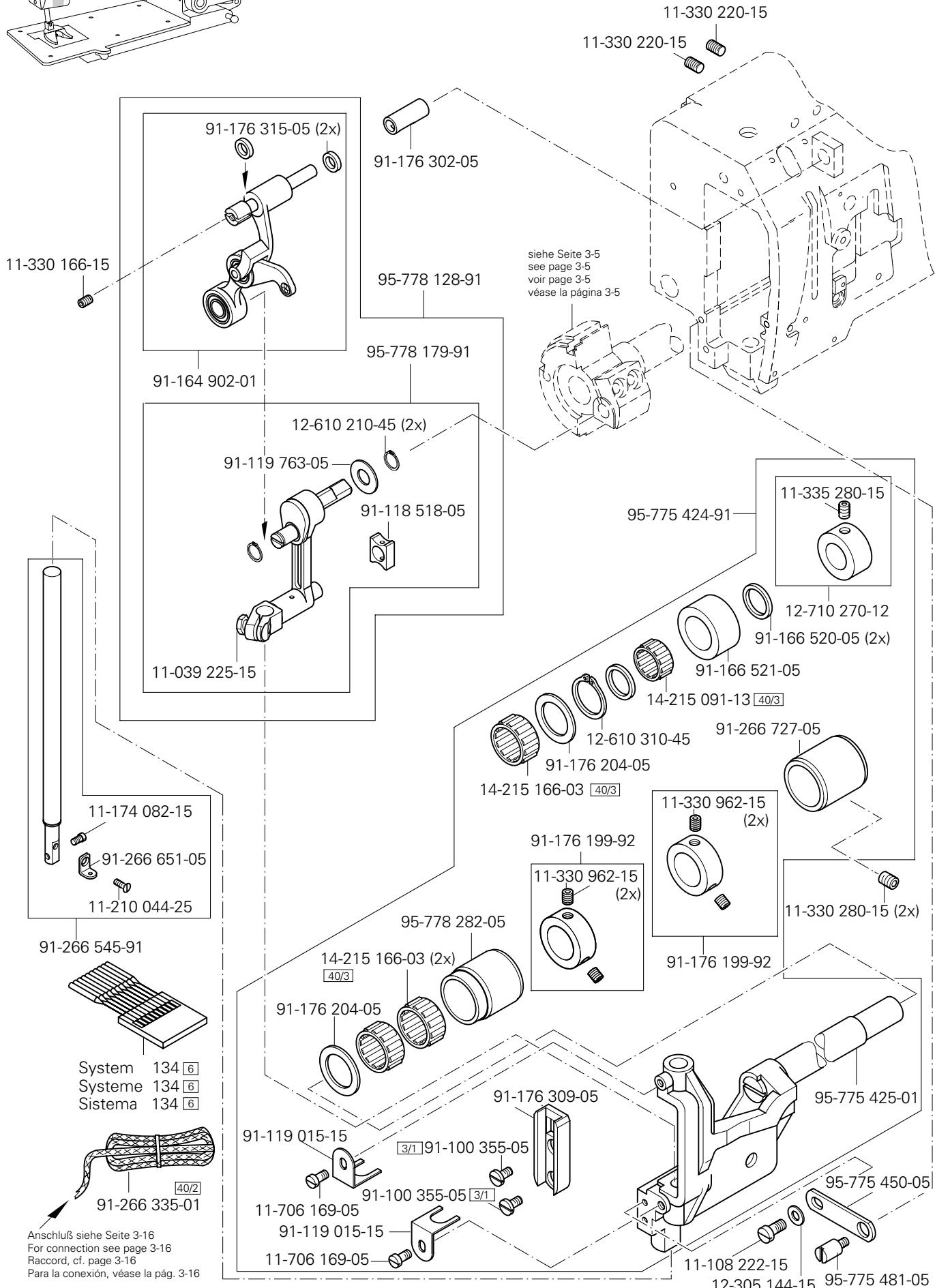




Kopfteile  
Needle head parts  
Pièces de tête  
Piezas de la cabeza

PFAFF 3588-02/021

**3.02**



# 3.02

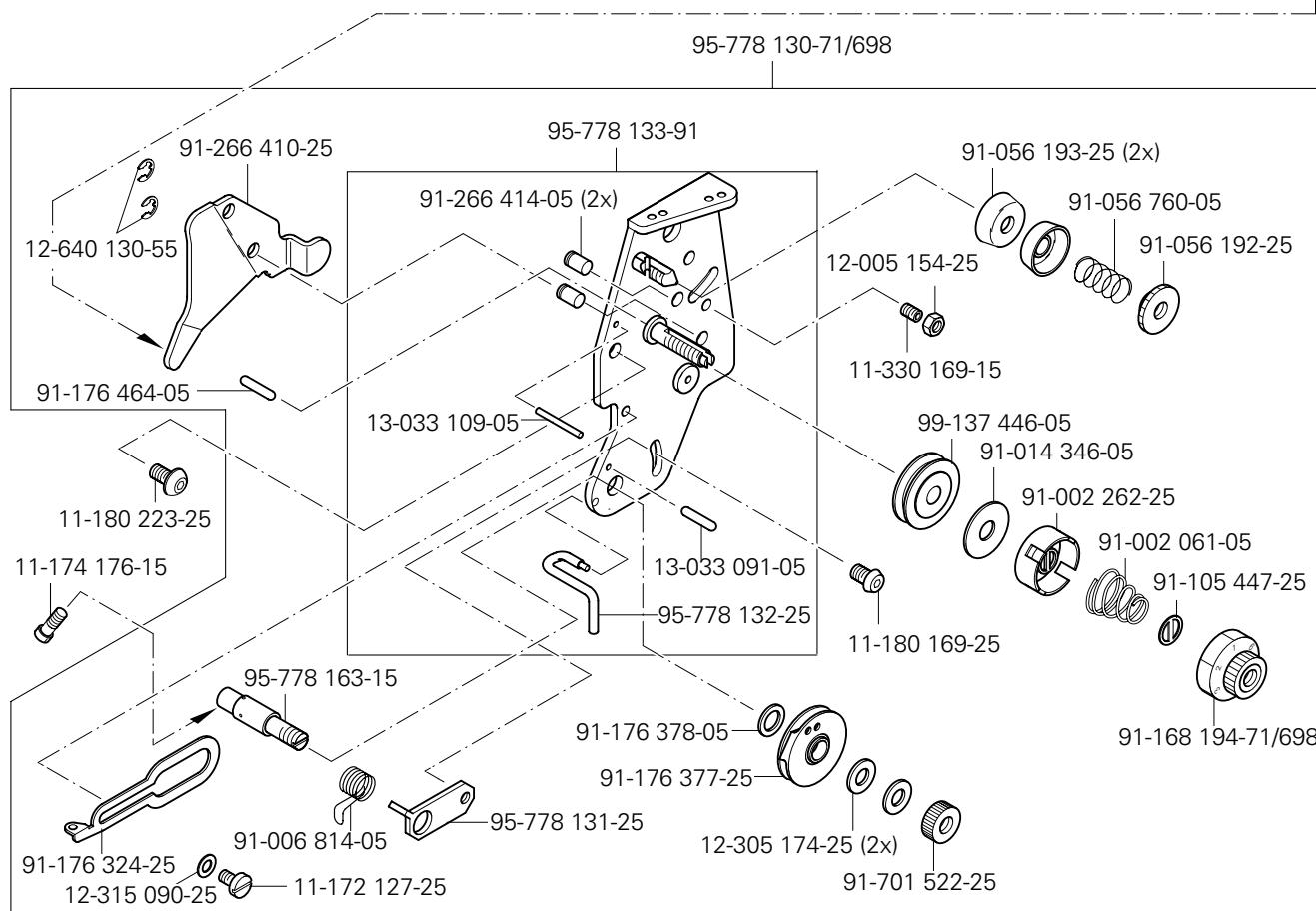
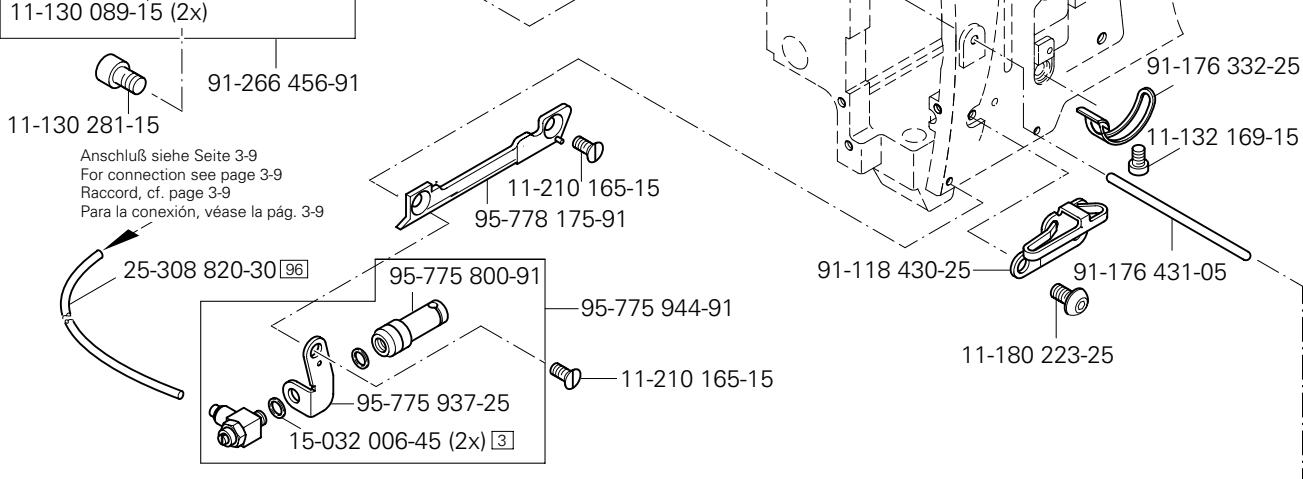
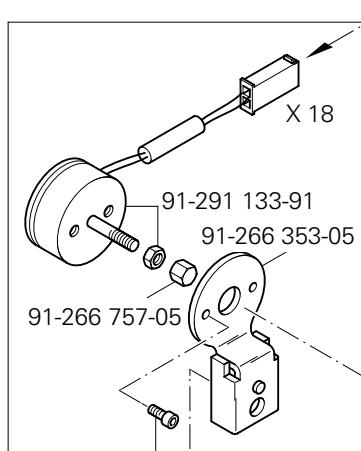
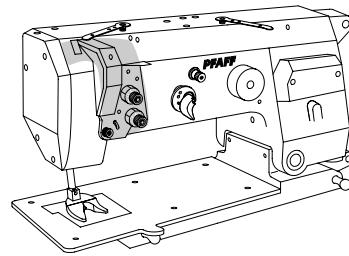
## Kopfteile

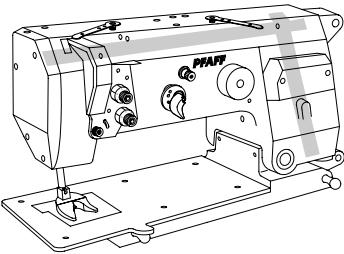
## Needle head parts

## Pièces de tête

## Piezas de la cabeza

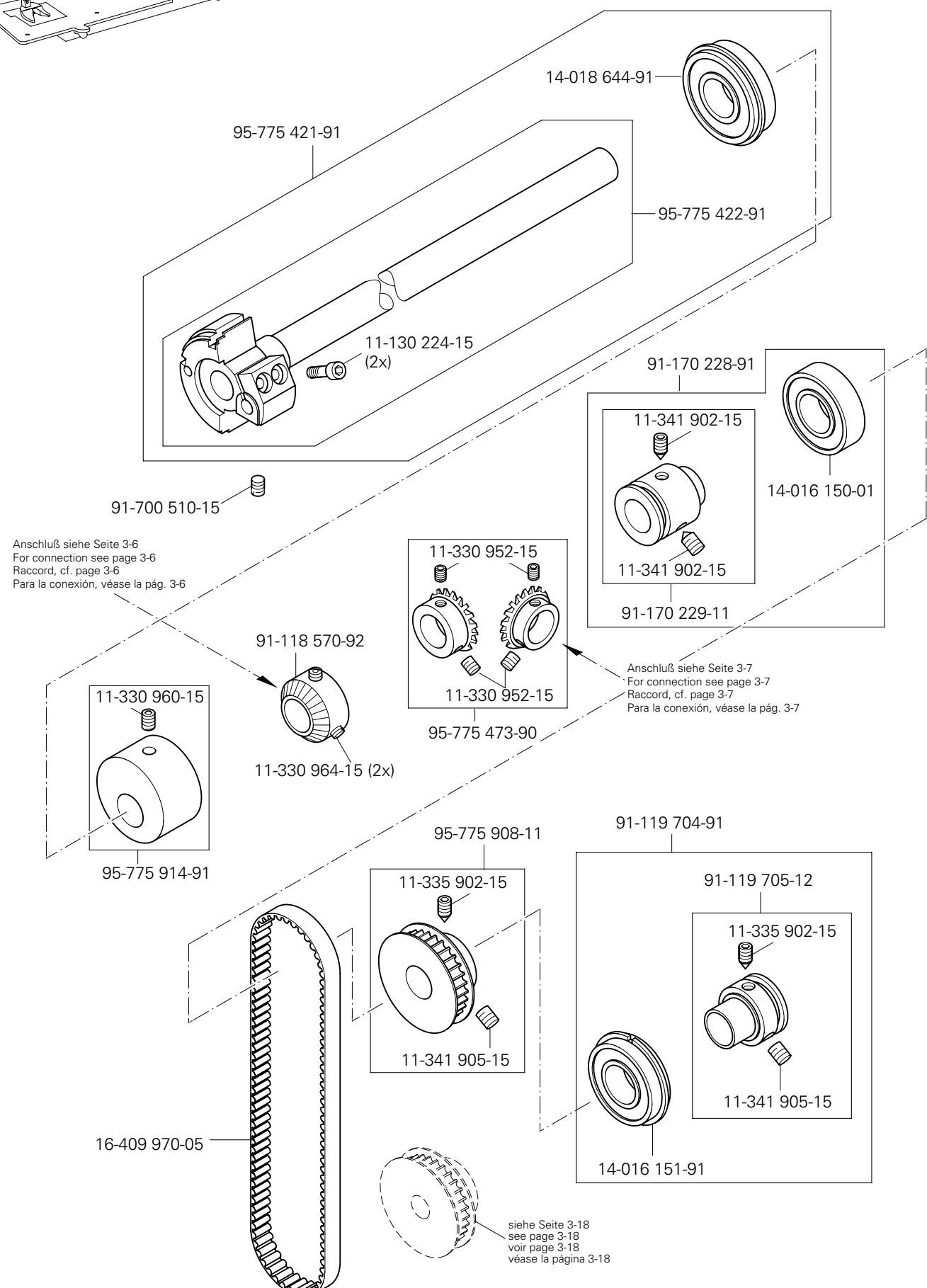
PFAFF 3588-02/021





**Armteile**  
**Arm parts**  
**Pièces de bras**  
**Piezas del brazo** PFAFF 3588-02/021

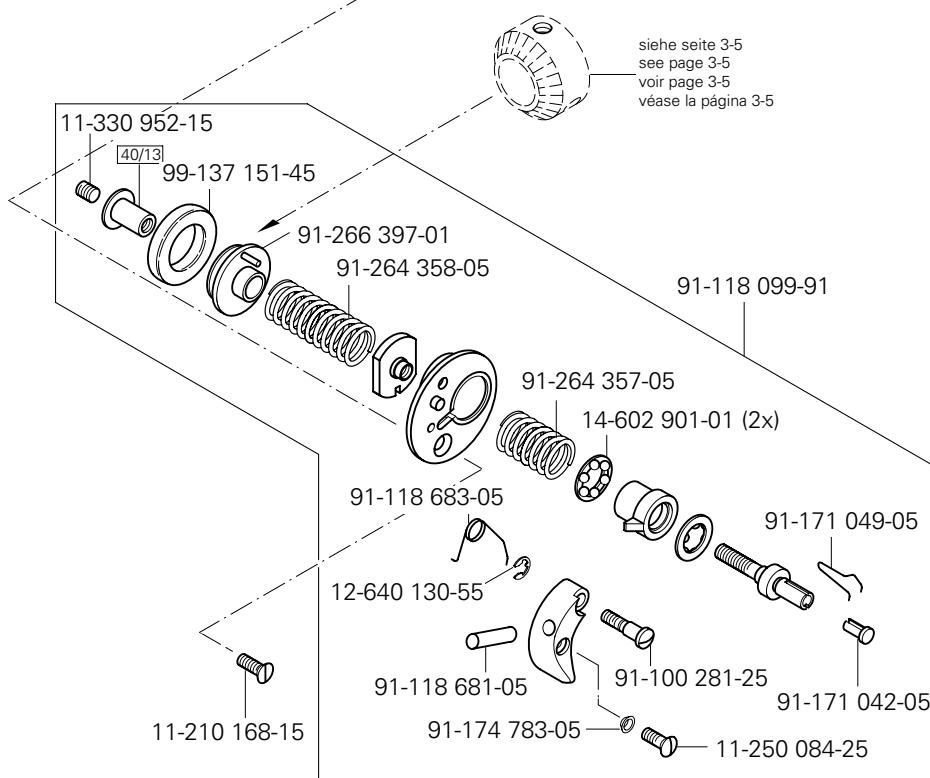
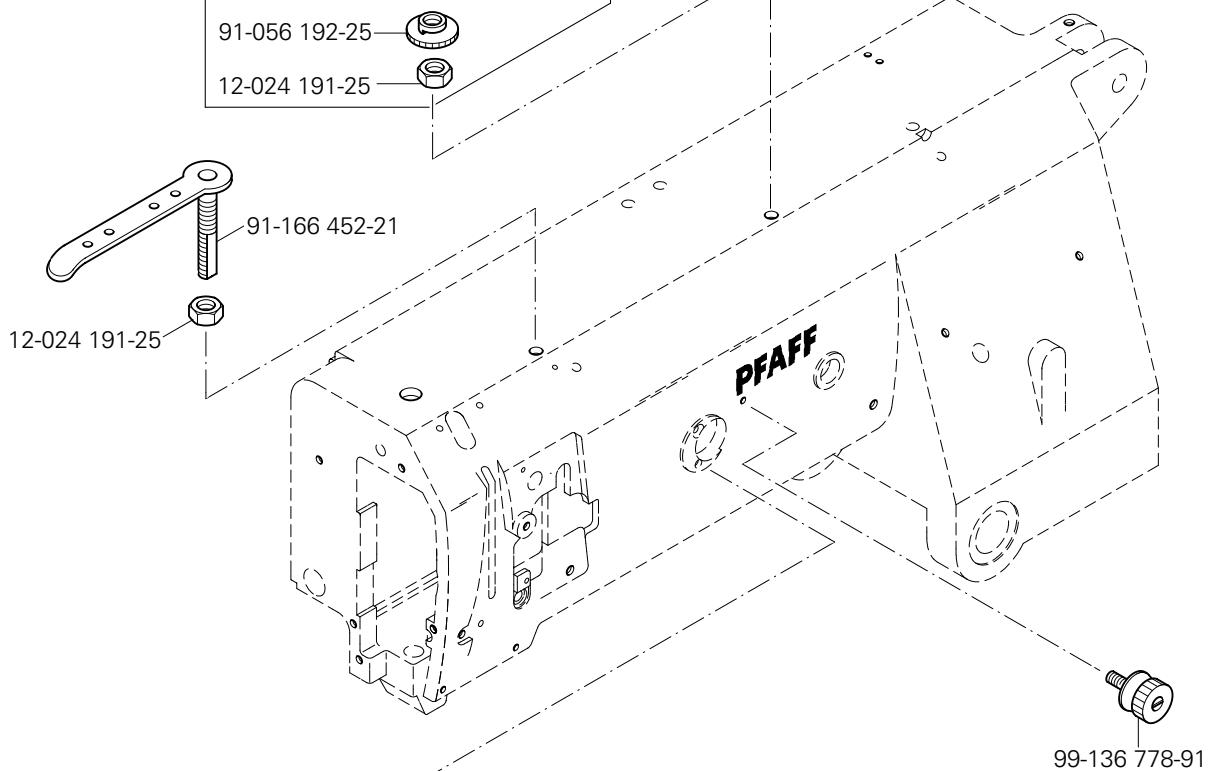
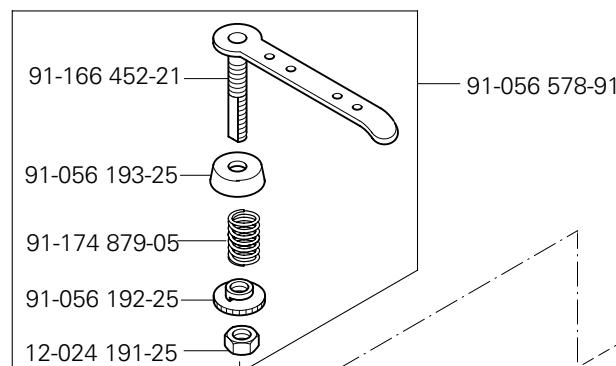
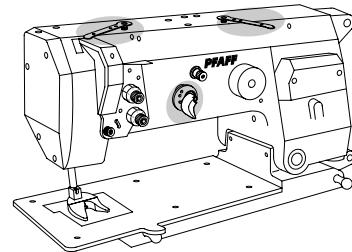
**3.03**



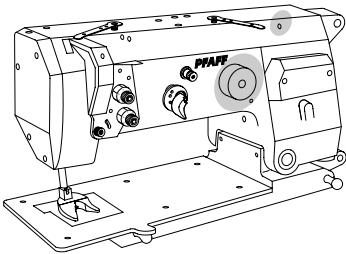
# 3.03

Armteile  
Arm parts  
Pièces de bras  
Piezas del brazo

PFAFF 3588-02/021

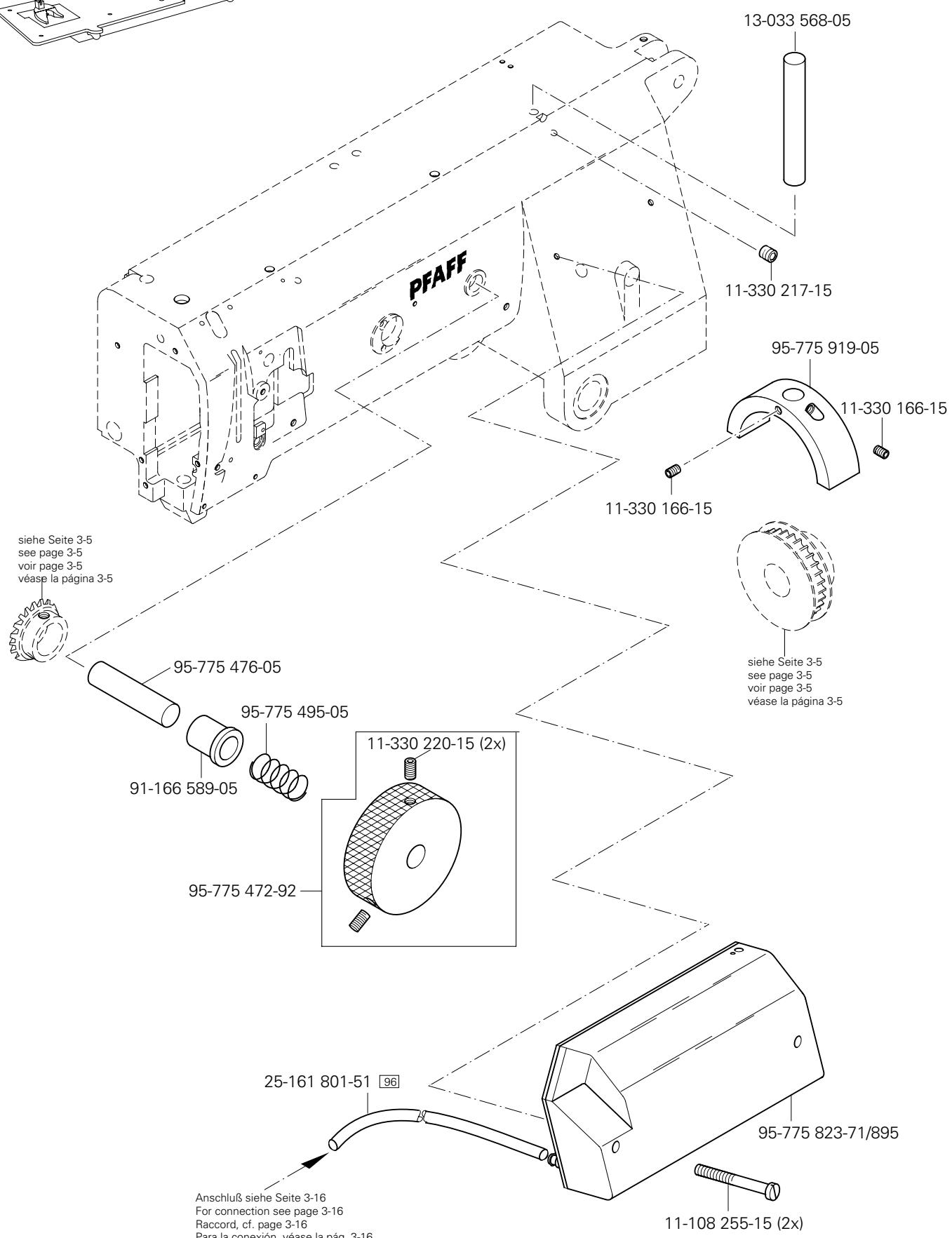


siehe Kapitel 2 Erläuterung der Schlüsselzeichen  
see chapter 2 Explanation of key markings  
voir le chap. 2 Explication des symboles  
véase el Cap. 2 Explicaciones de los signos clave



Armteile  
Arm parts  
Pièces de bras  
Piezas del brazo PFAFF 3588-02/021

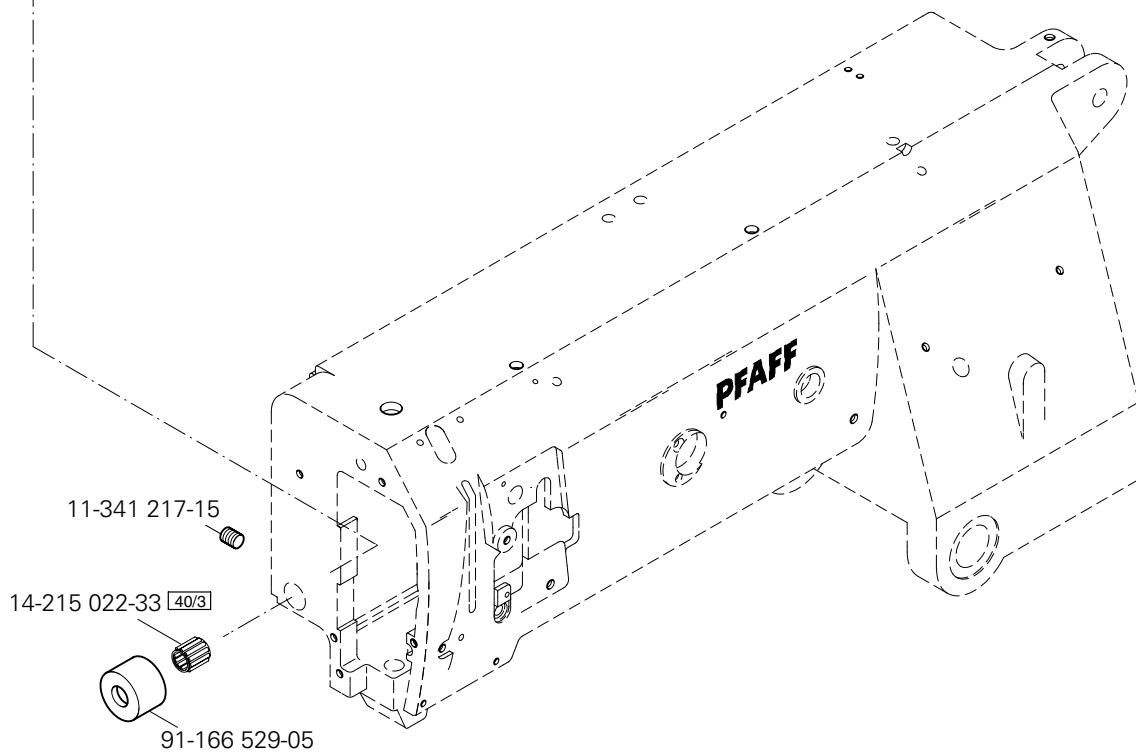
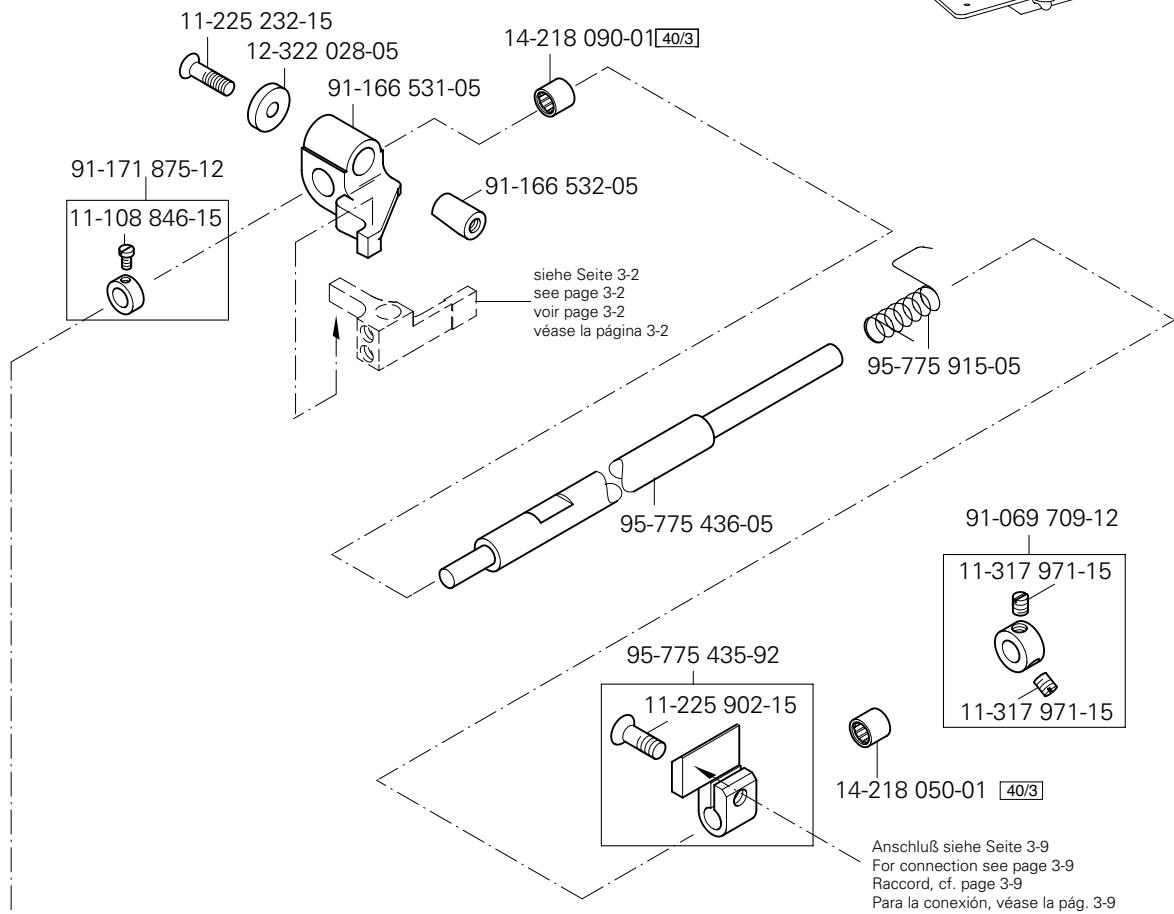
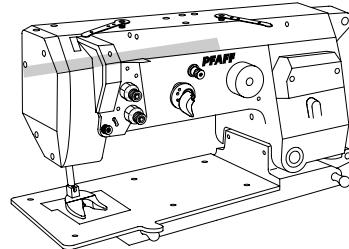
**3.03**

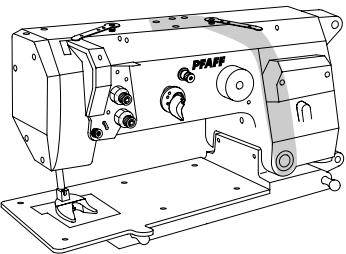


# 3.03

Armteile  
Arm parts  
Pièces de bras  
Piezas del brazo

PFAFF 3588-02/021

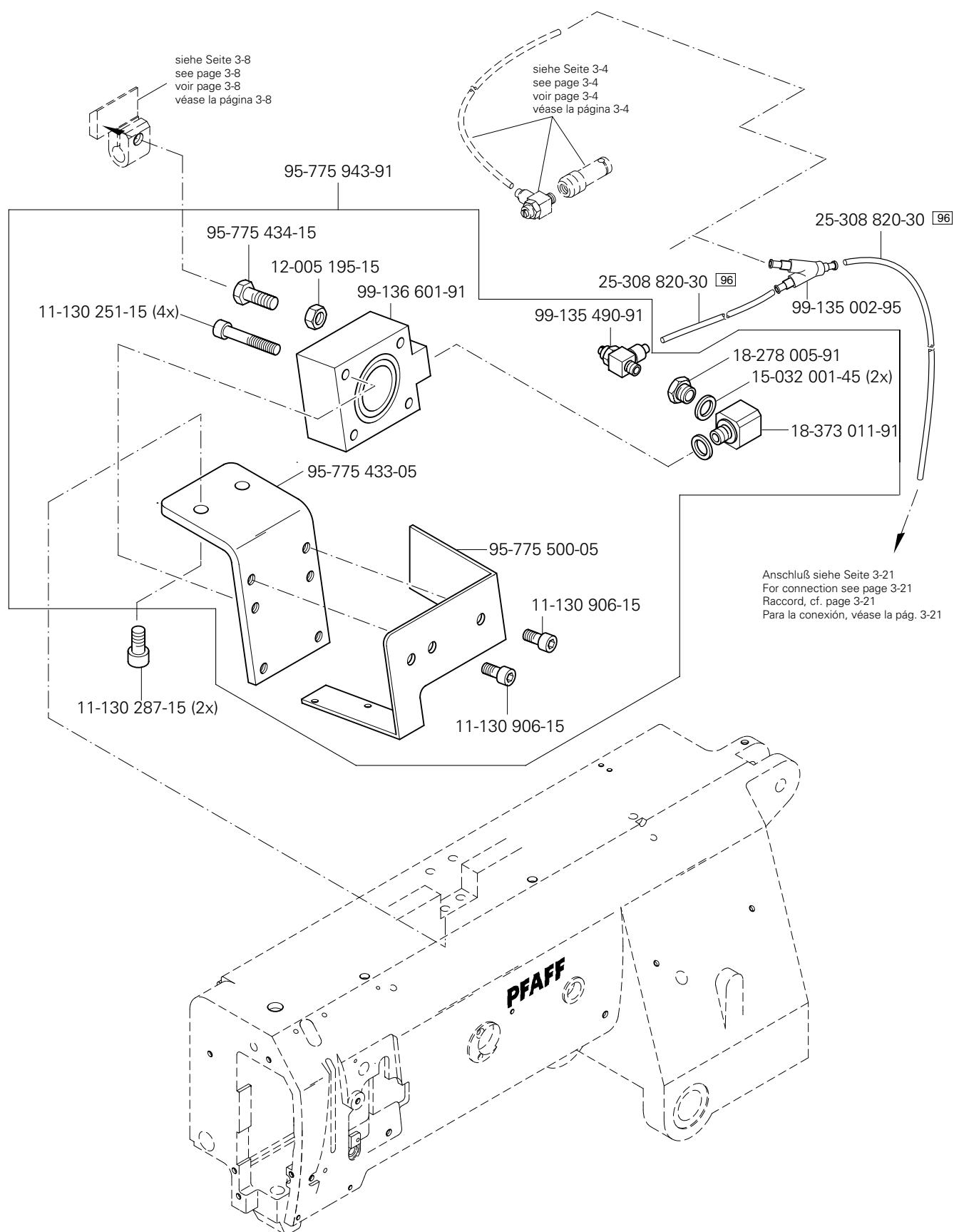




**Armteile**  
**Arm parts**  
**Pièces de bras**  
**Piezas del brazo**

PFAFF 3588-02/021

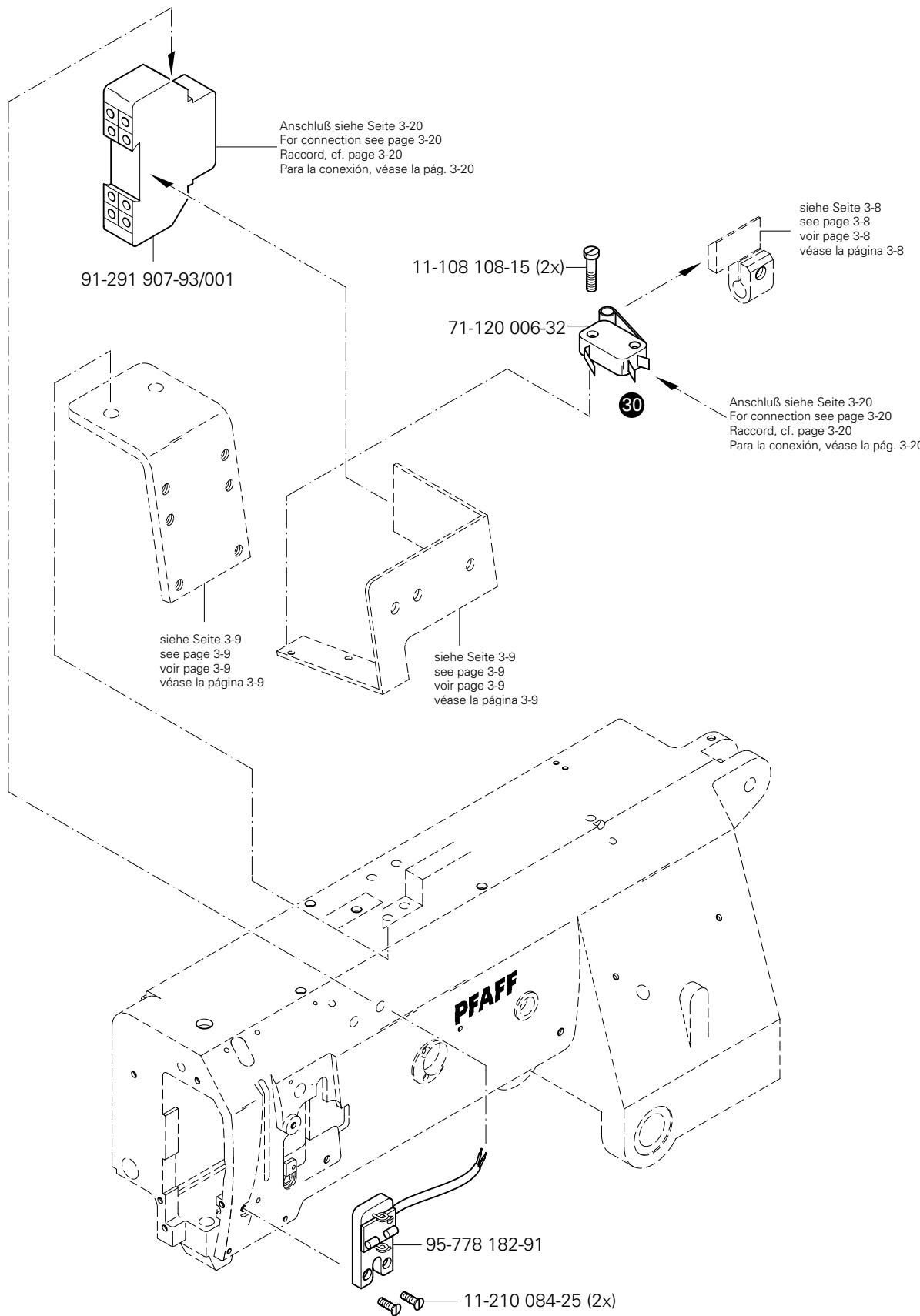
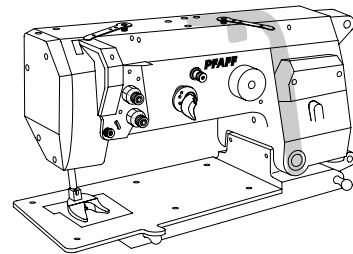
**3.03**

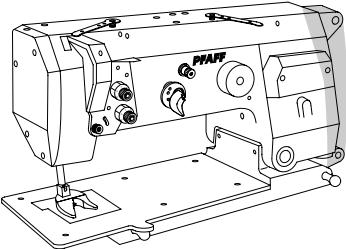


# 3.03

Armteile  
Arm parts  
Pièces de bras  
Piezas del brazo

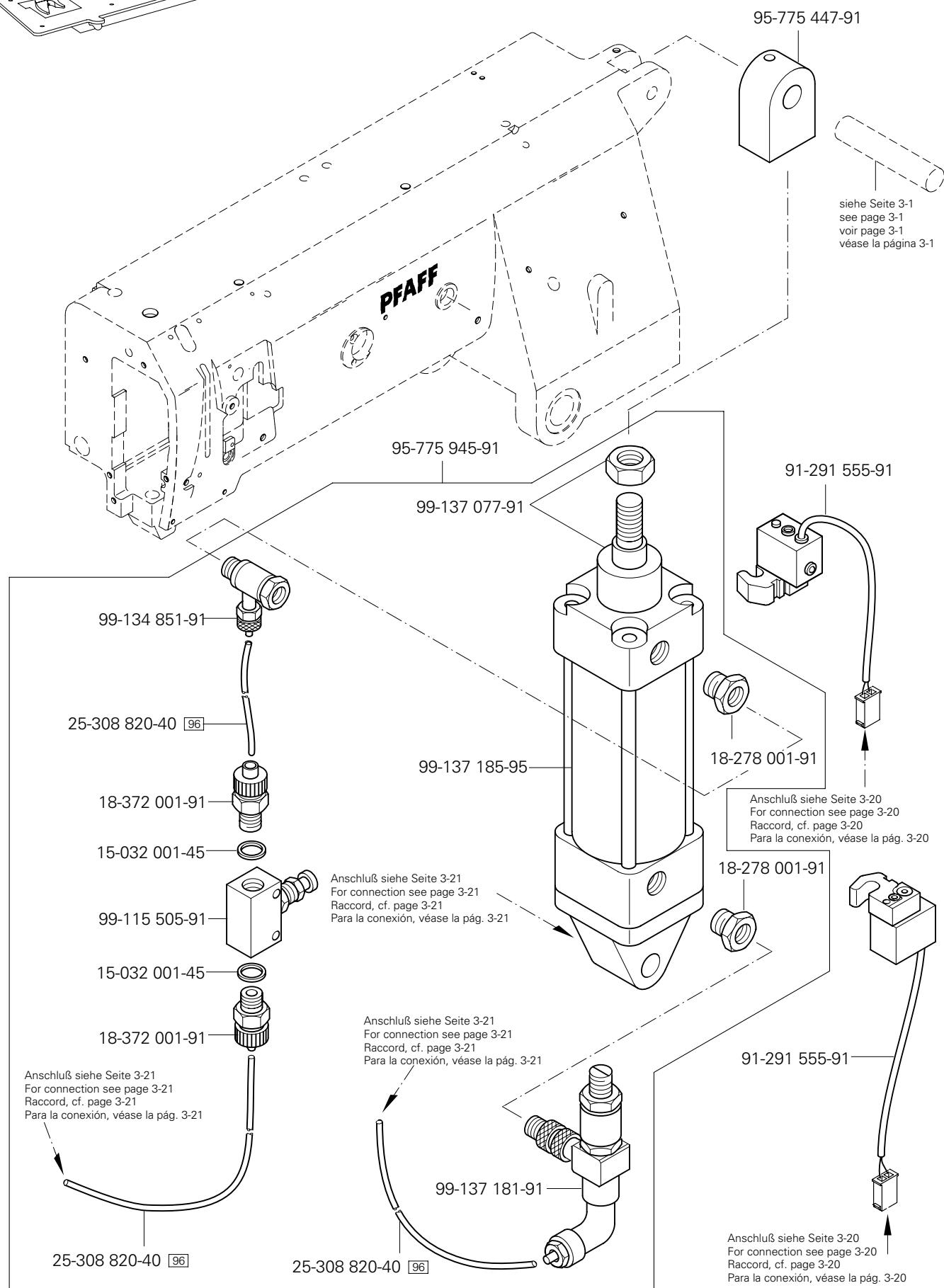
PFAFF 3588-02/021

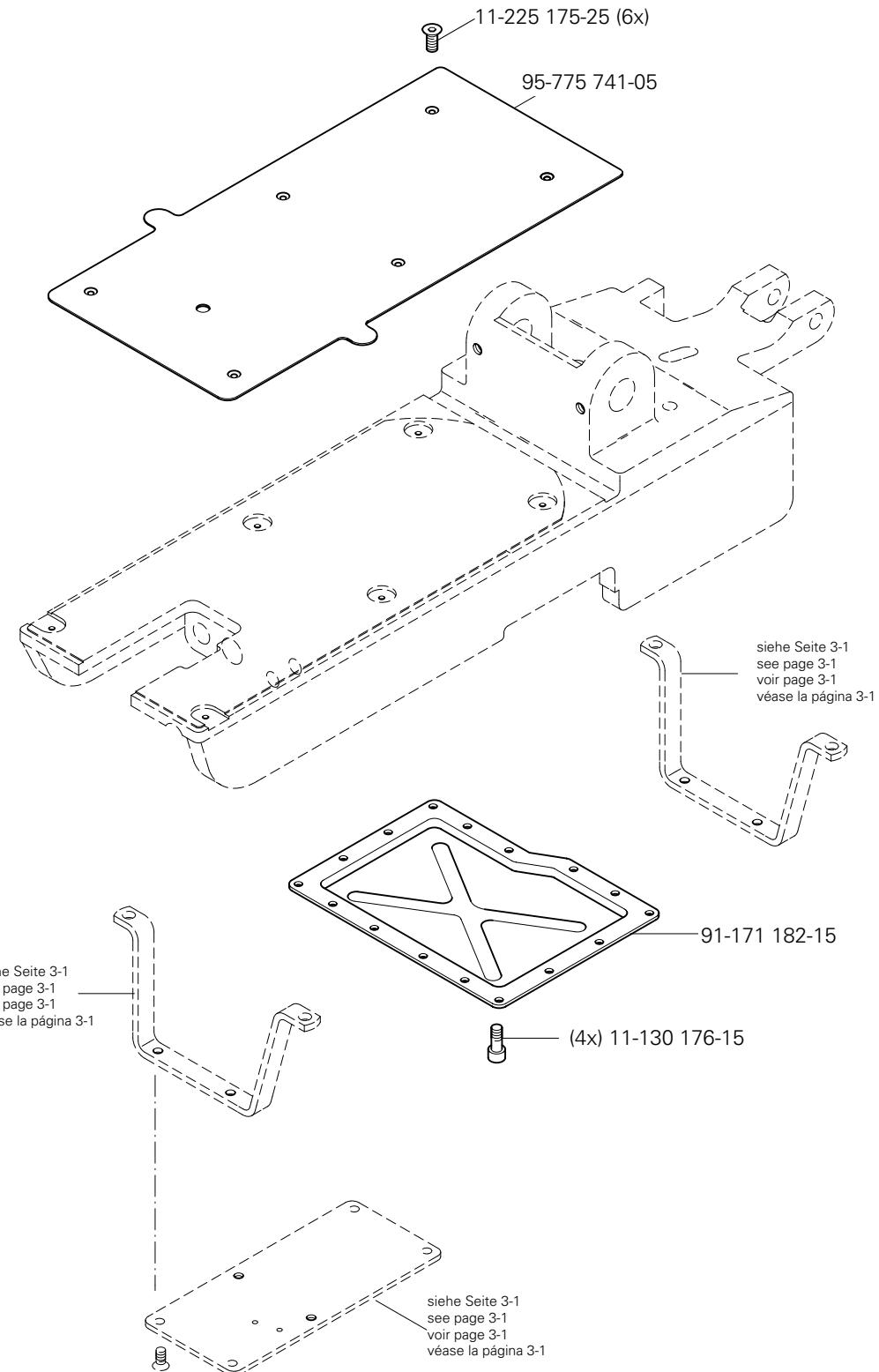
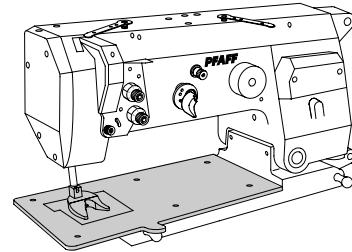


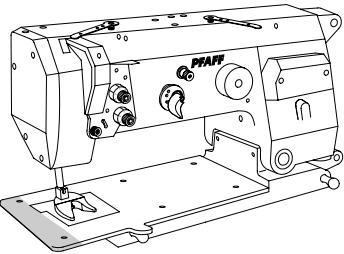


Armteile  
Arm parts  
Pièces de bras  
Piezas del brazo PFAFF 3588-02/021

**3.03**



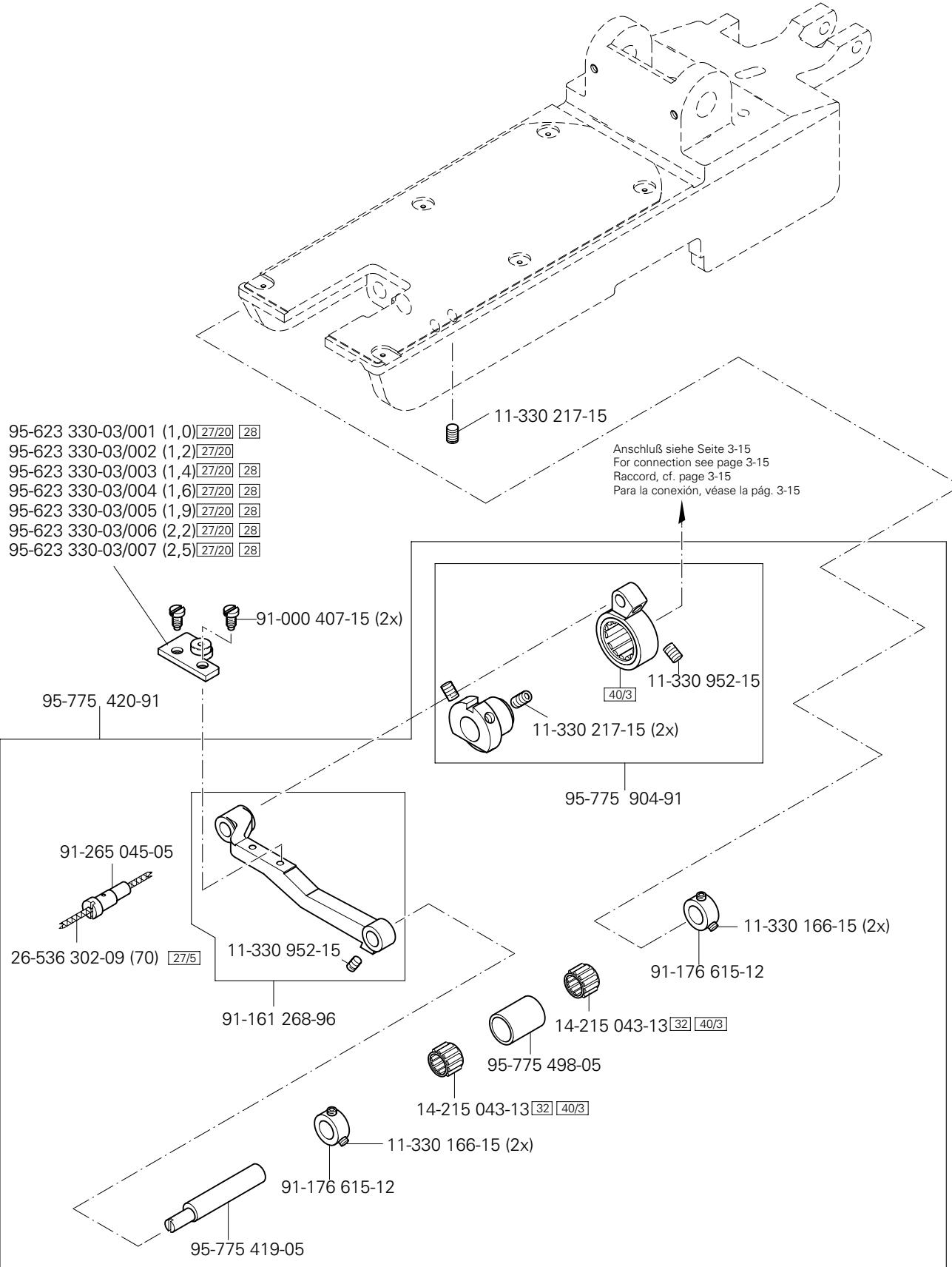


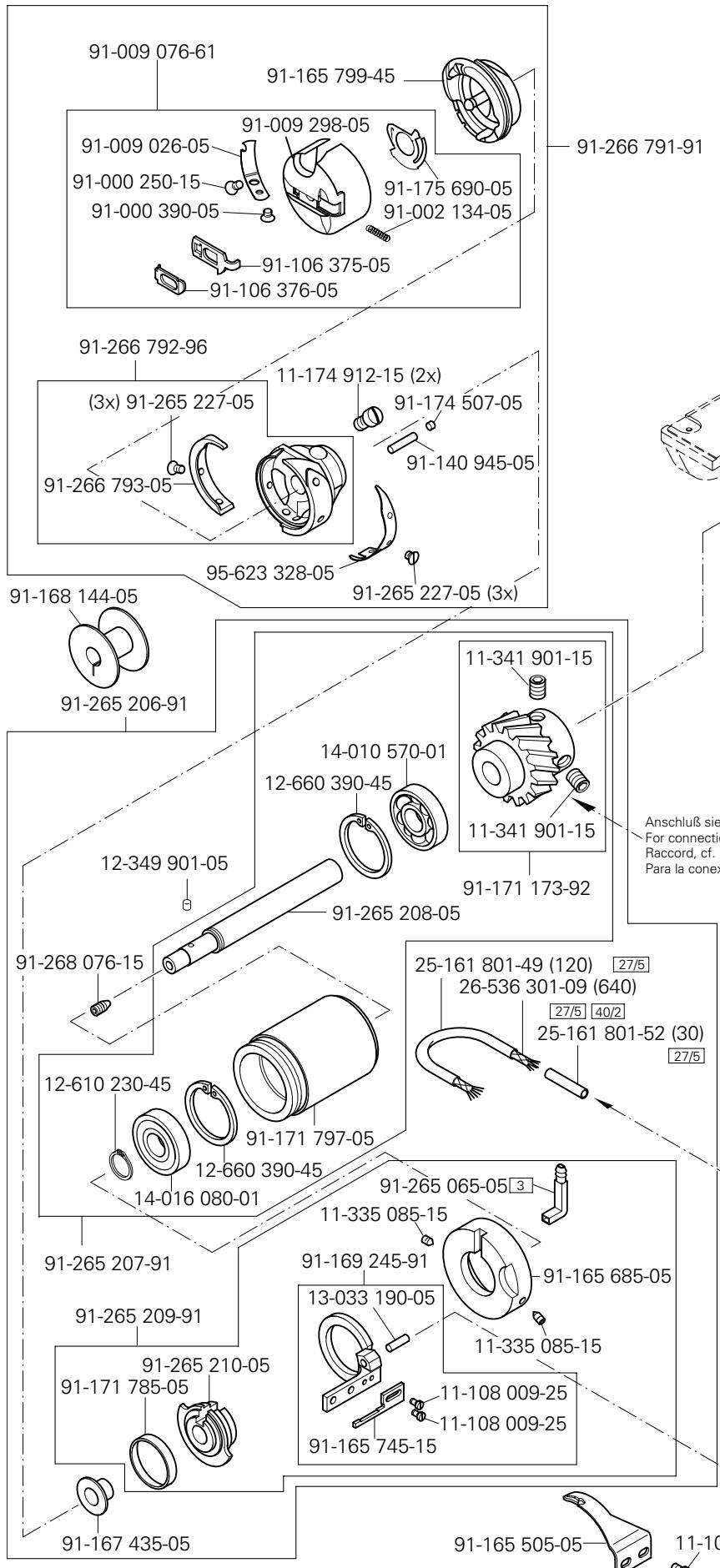
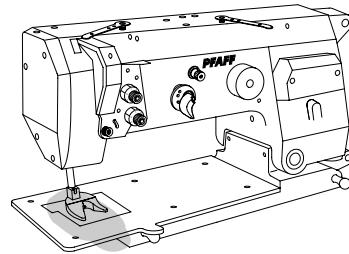


**Grundplattenteile  
Bedplate parts  
Pièces du plateau fondamental  
Piezas del cárter**

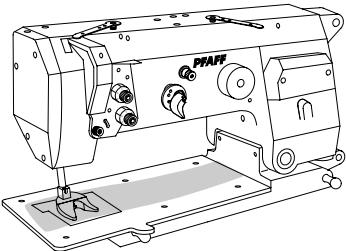
PFAFF 3588-02/021

**3.04**





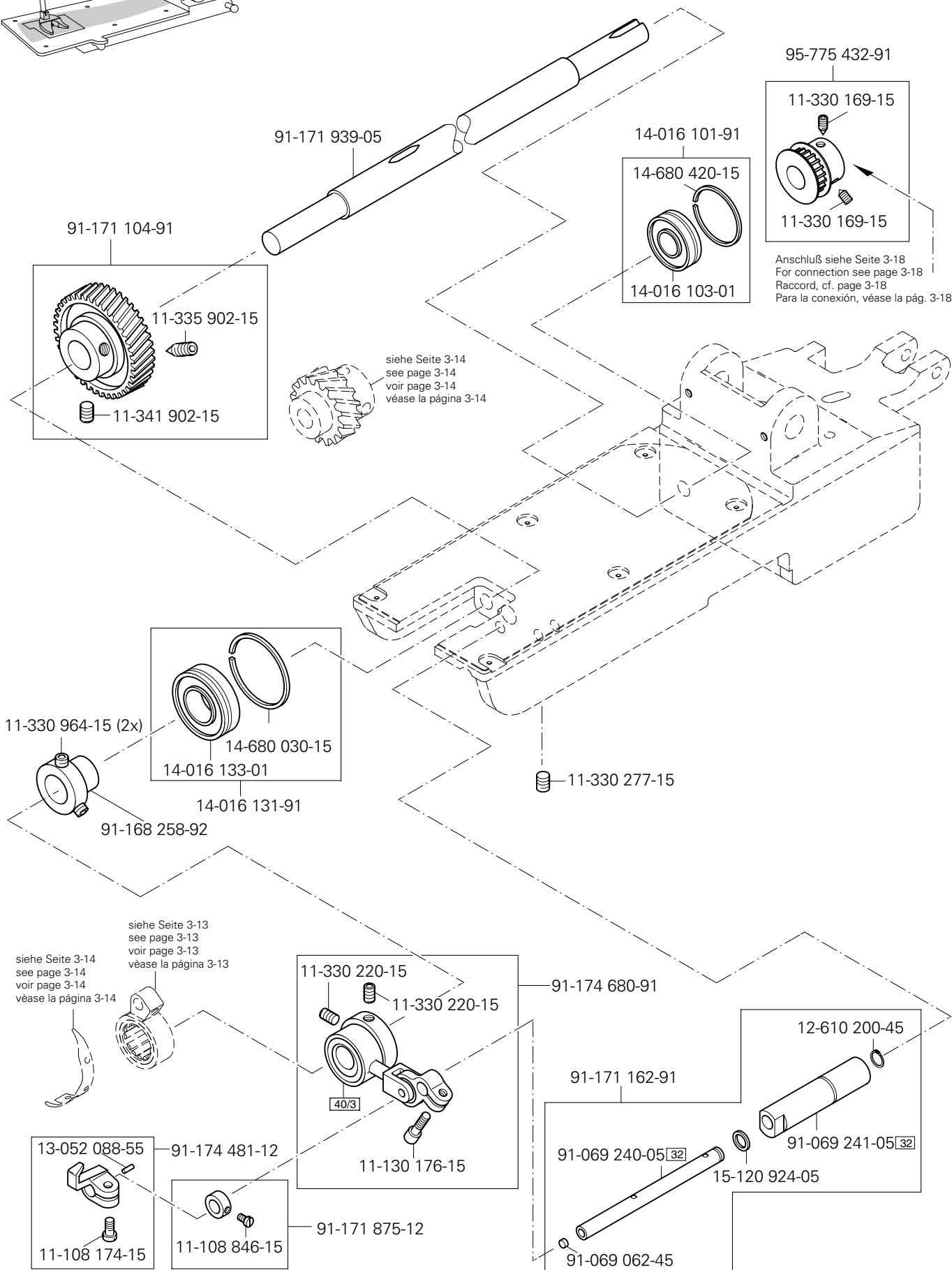
siehe Kapitel 2 Erläuterung der Schlüsselzeichen  
see chapter 2 Explanation of key markings  
voir le chap. 2 Explication des symboles  
véase el Cap. 2 Explicaciones de los signos clave

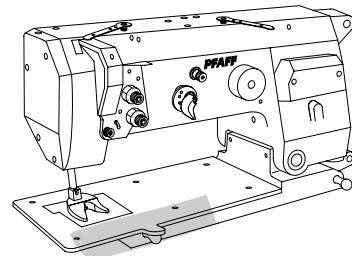


**Grundplattenteile  
Bedplate parts  
Pièces du plateau fondamental  
Piezas del cárter**

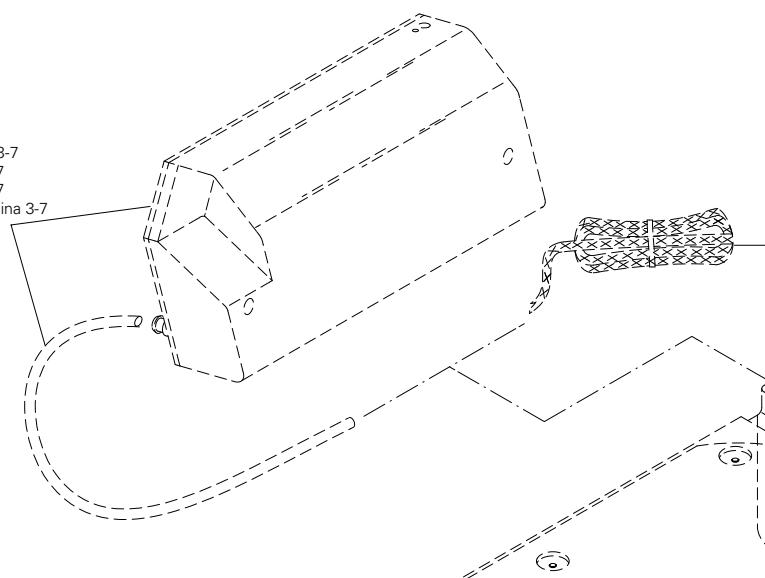
PFAFF 3588-02/021

**3.04**



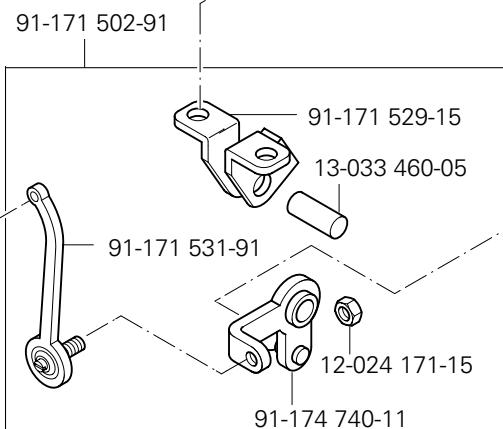


siehe Seite 3-7  
see page 3-7  
voir page 3-7  
véase la página 3-7



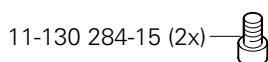
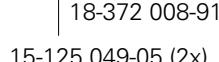
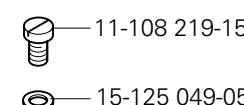
siehe Seite 3-3  
see page 3-3  
voir page 3-3  
véase la página 3-3

siehe Seite 3-14  
see page 3-14  
voir page 3-14  
véase la página 3-14

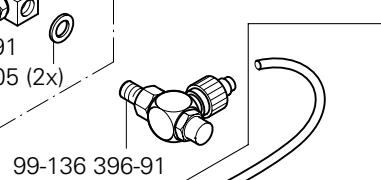
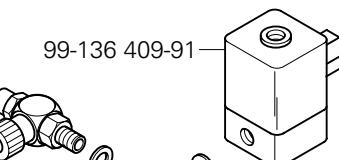
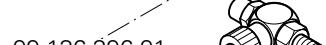


siehe Seite 3-17  
see page 3-17  
voir page 3-17  
véase la página 3-17

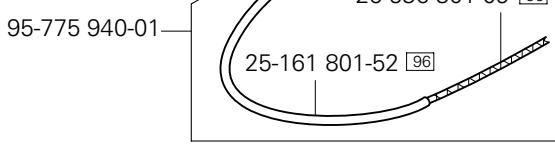
siehe Seite 3-14  
see page 3-14  
voir page 3-14  
véase la página 3-14



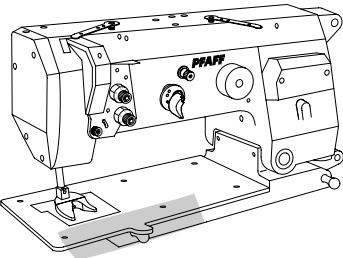
siehe Seite 3-1  
see page 3-1  
voir page 3-1  
véase la página 3-1



siehe Seite 3-1  
see page 3-1  
voir page 3-1  
véase la página 3-1



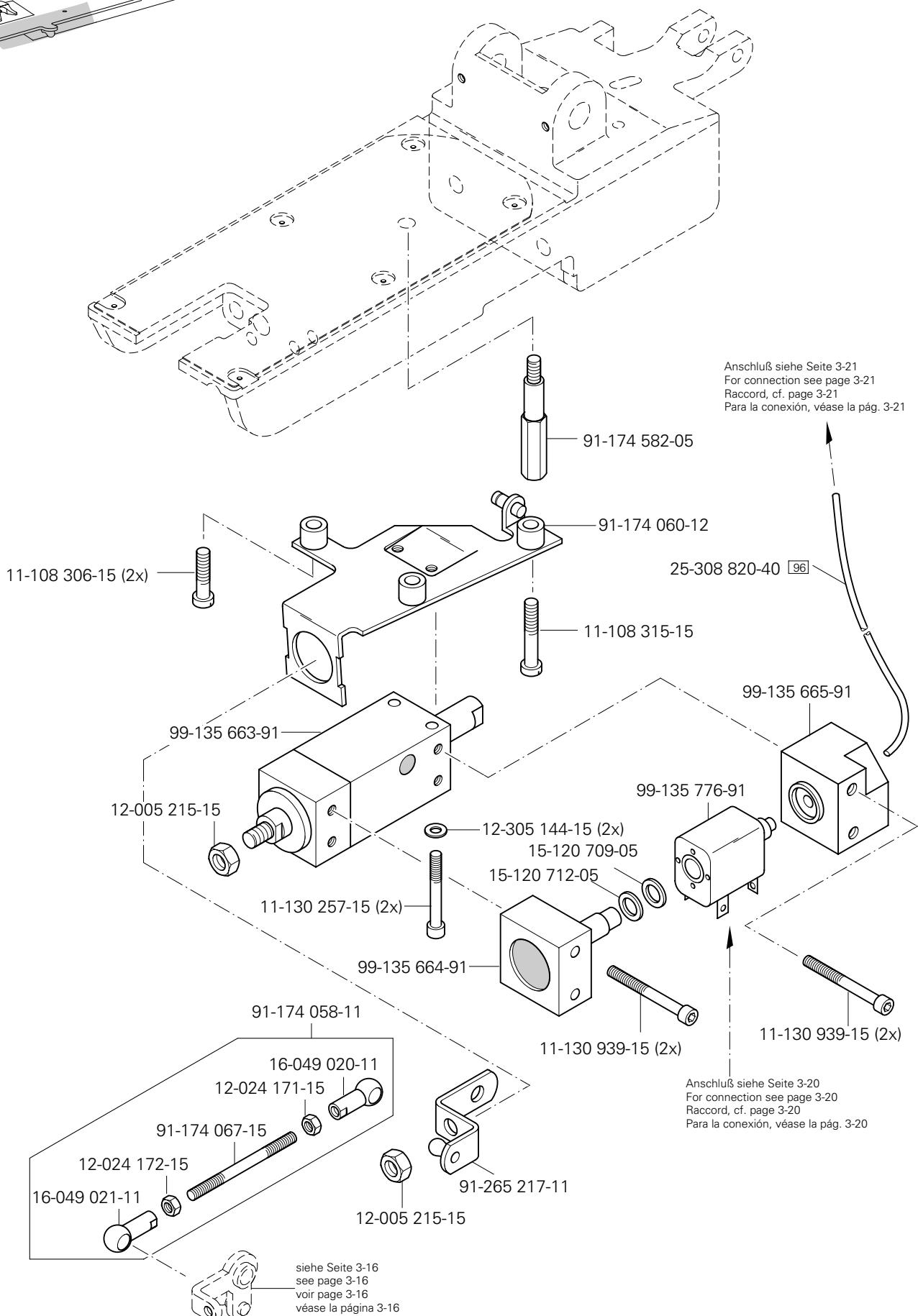
siehe Kapitel 2 Erläuterung der Schlüsselzeichen  
see chapter 2 Explanation of key markings  
voir le chap. 2 Explication des symboles  
véase el Cap. 2 Explicaciones de los signos clave

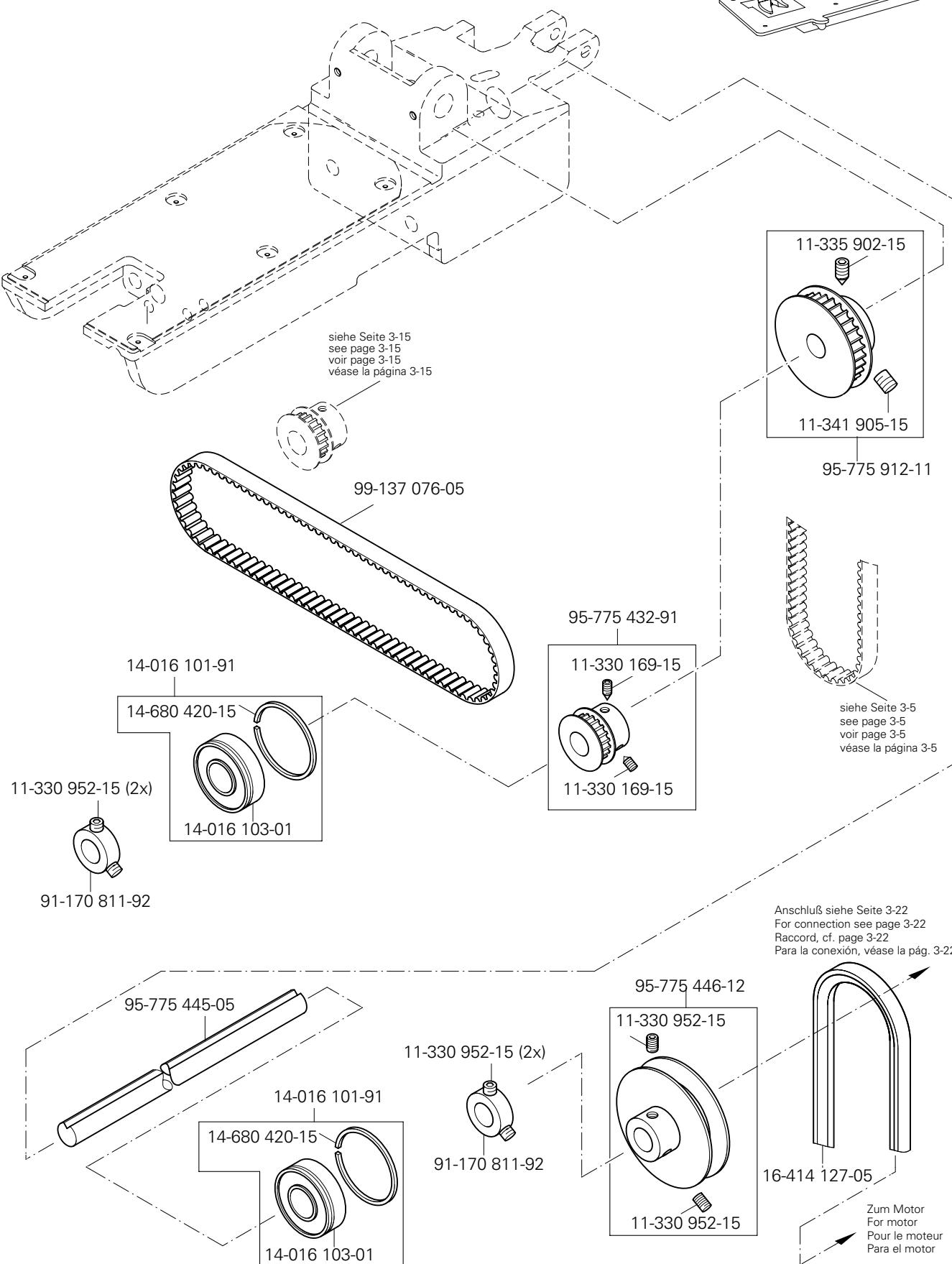
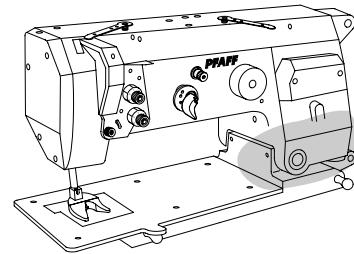


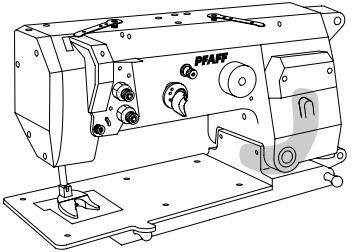
**Grundplattenteile  
Bedplate parts  
Pièces du plateau fondamental  
Piezas del cárter**

PFAFF 3588-02/021

**3.04**



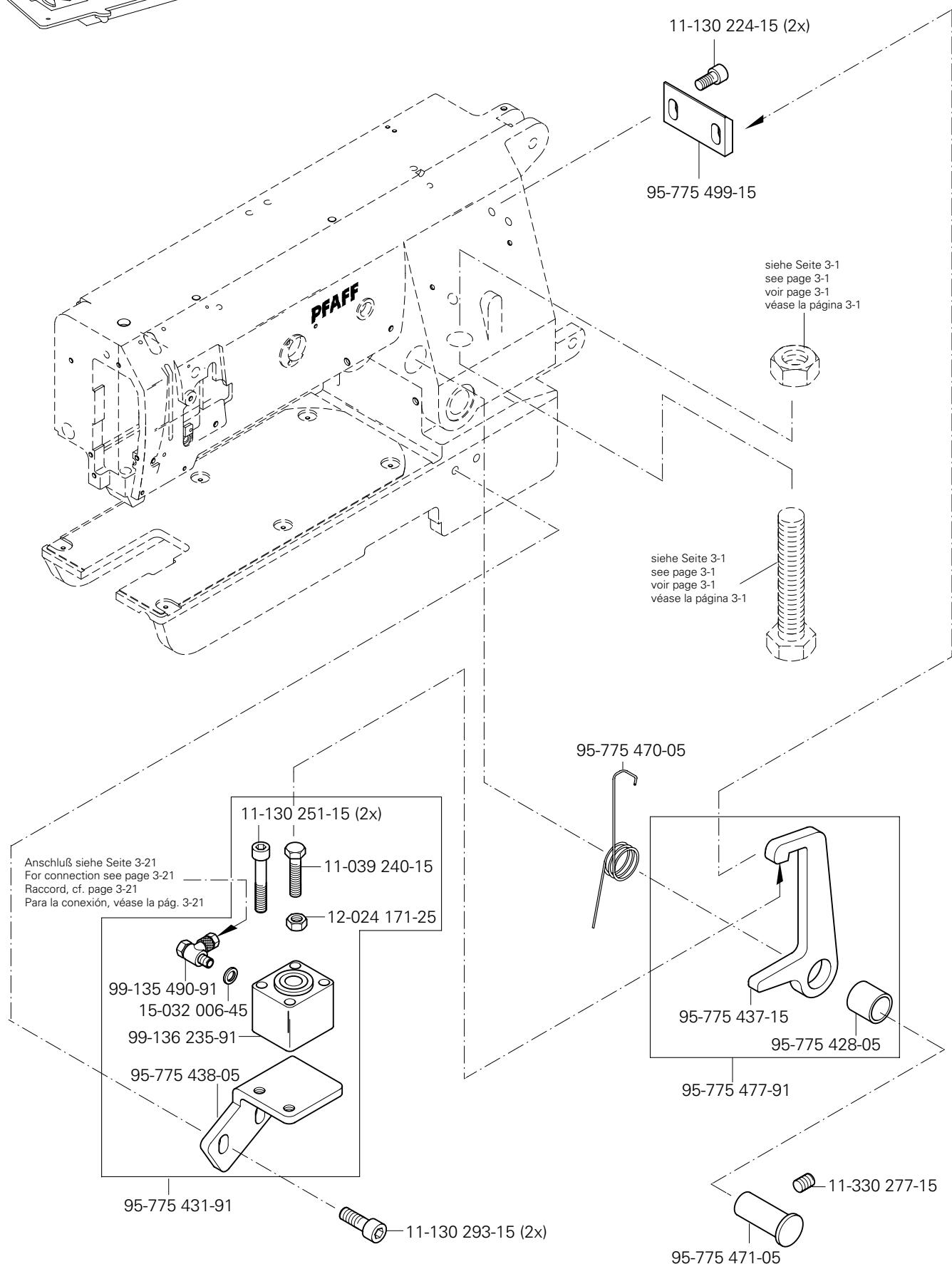


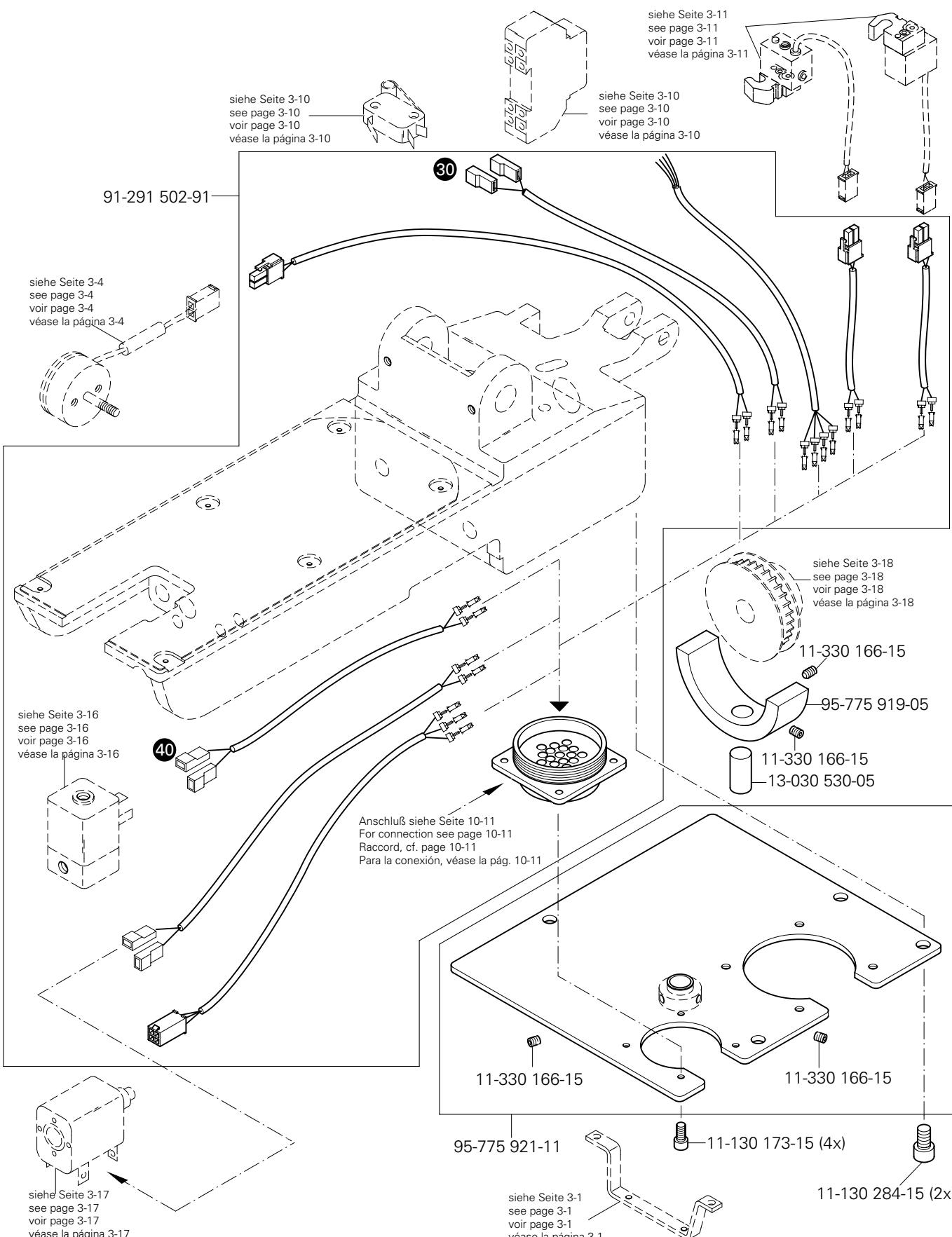
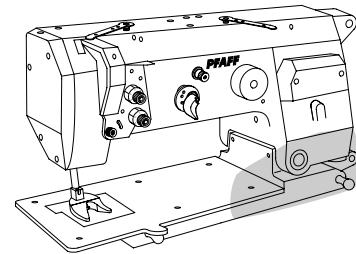


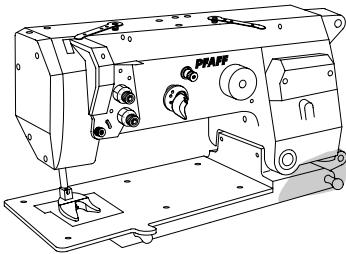
**Grundplattenteile  
Bedplate parts  
Pièces du plateau fondamental  
Piezas del cárter**

PFAFF 3588-02/021

**3.04**



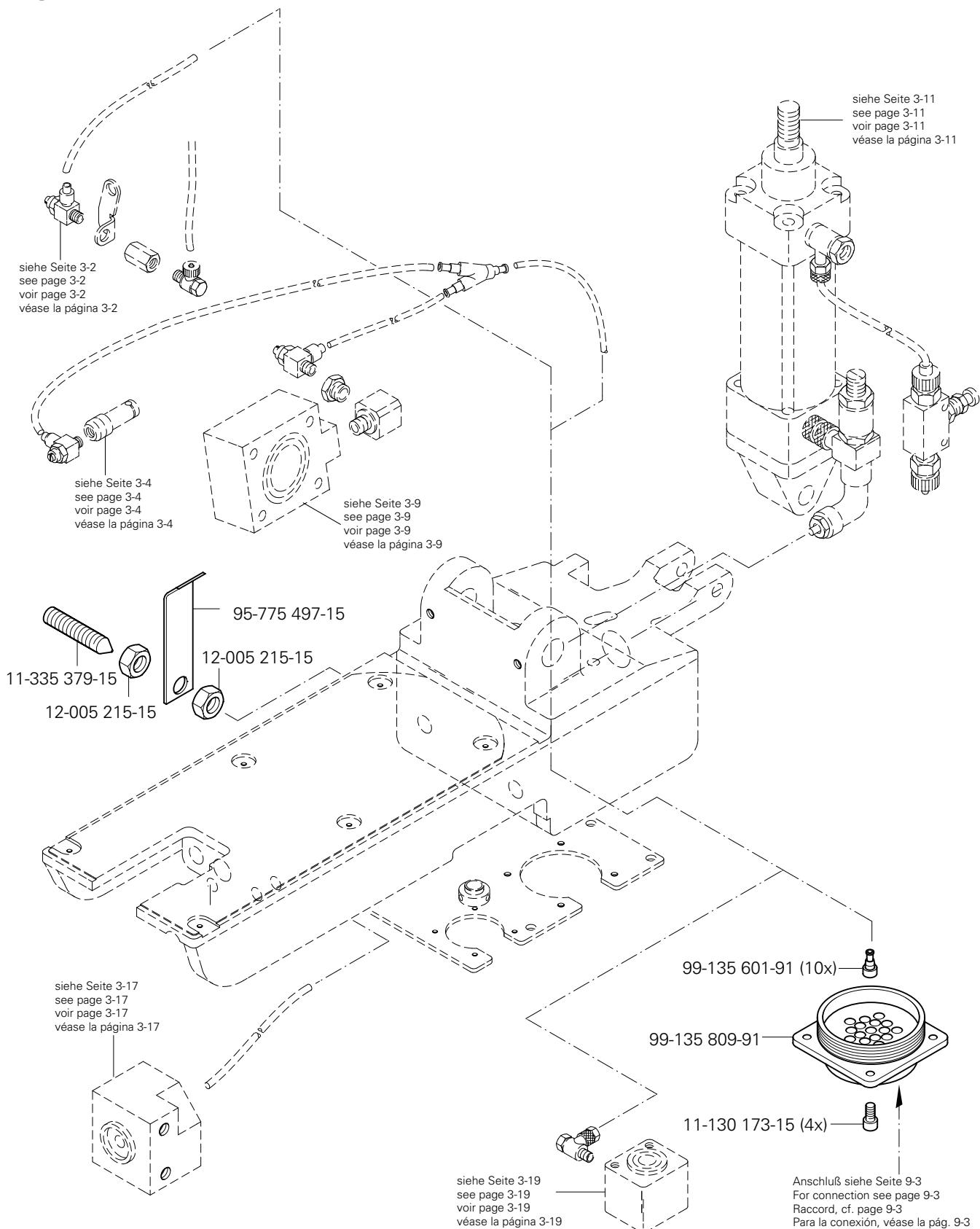


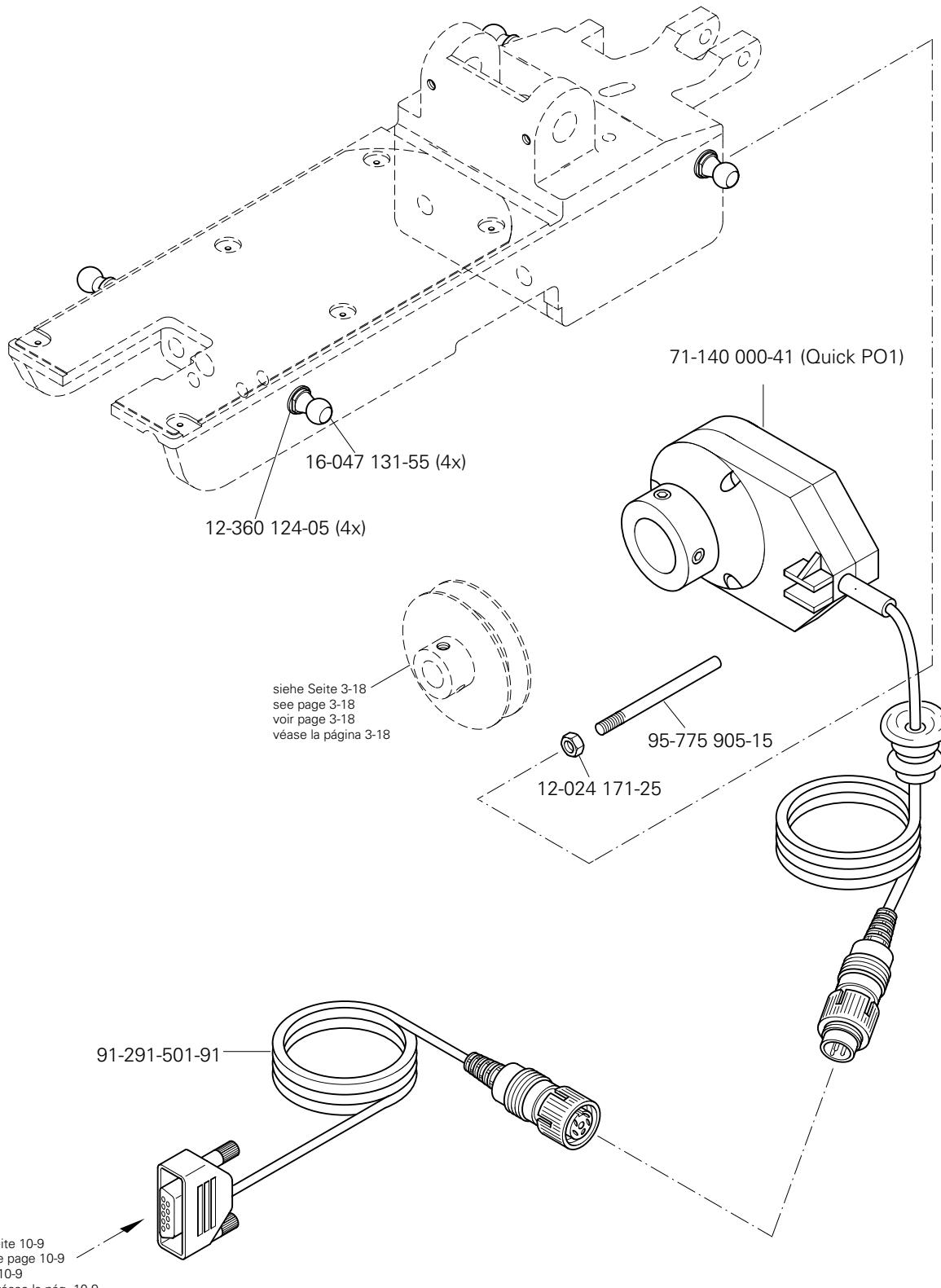
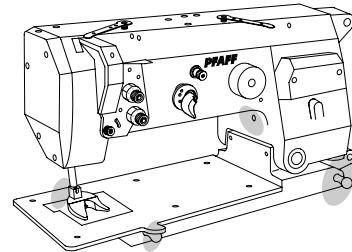


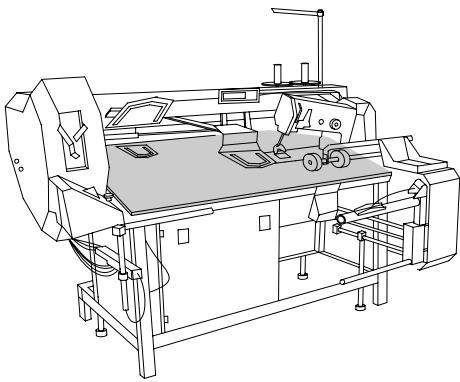
**Grundplattenteile  
Bedplate parts  
Pièces du plateau fondamental  
Piezas del cárter**

PFAFF 3588-02/021

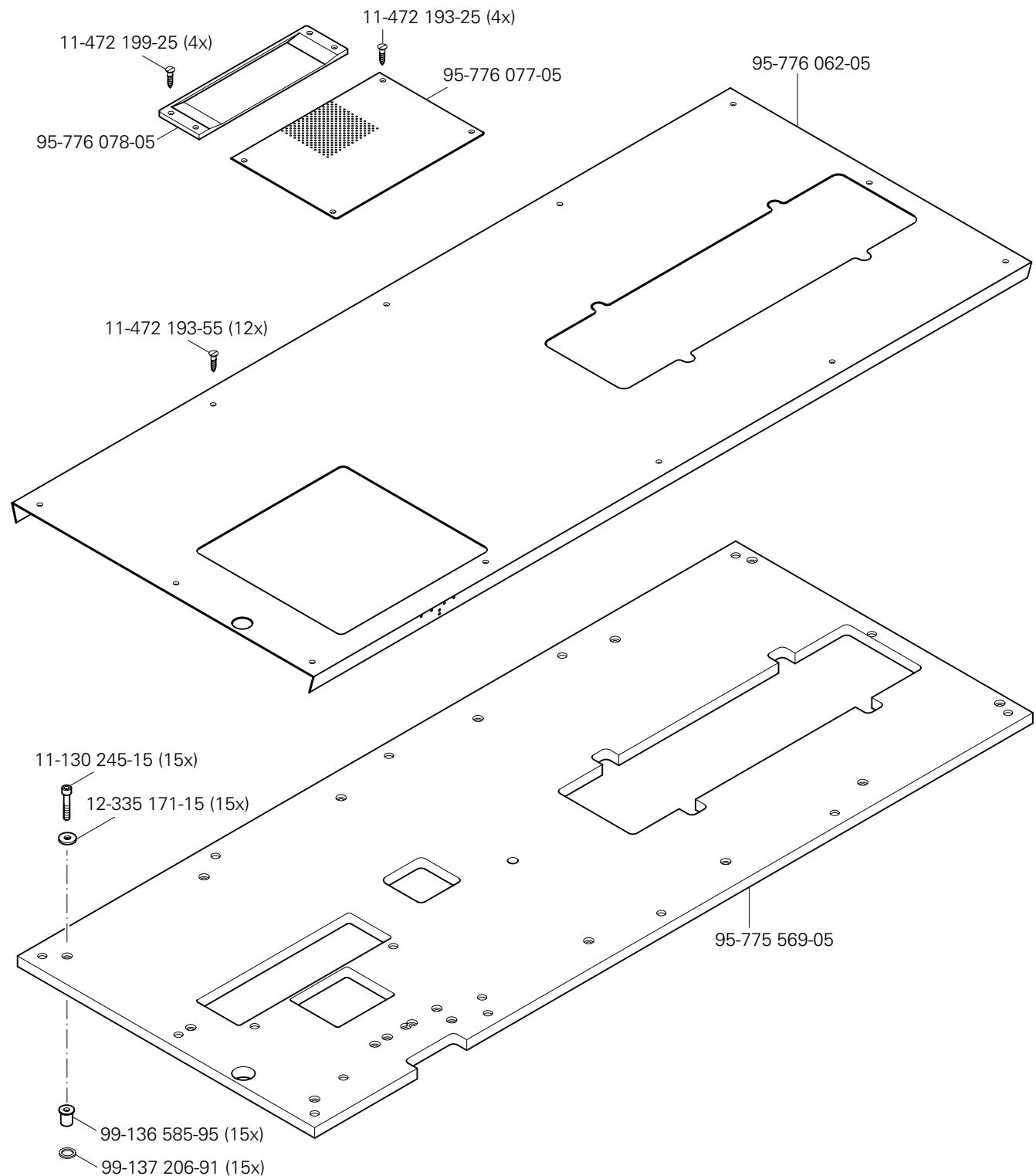
**3.04**

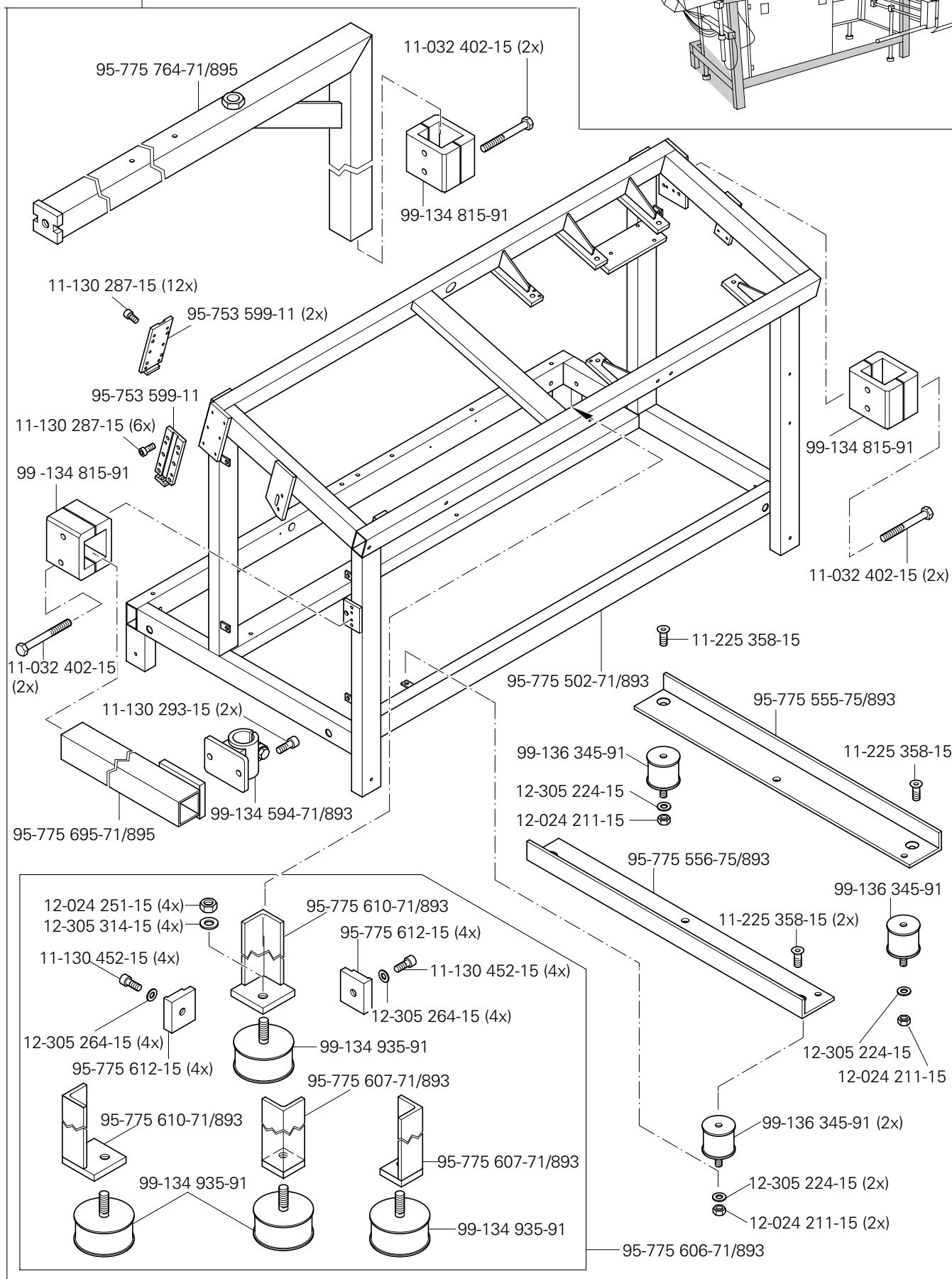
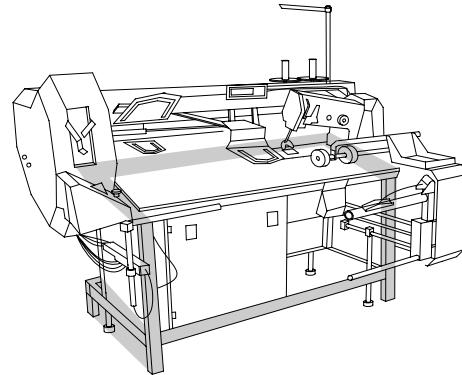


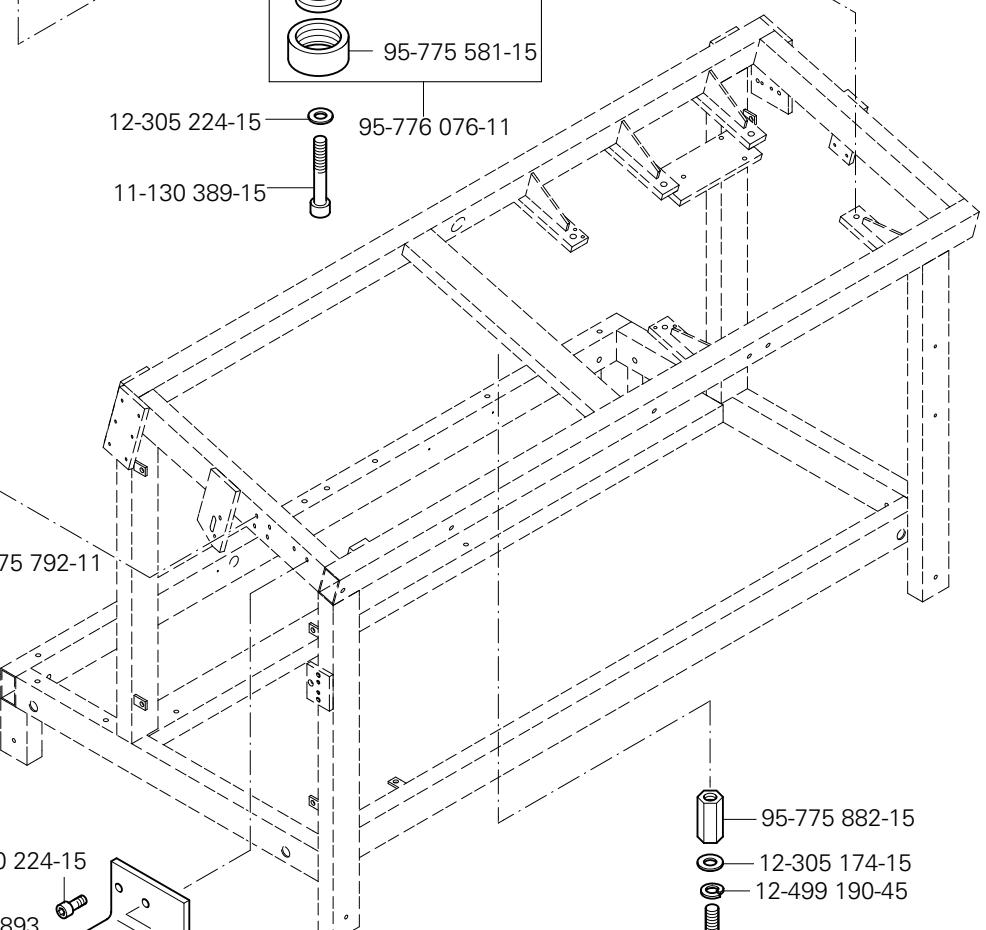
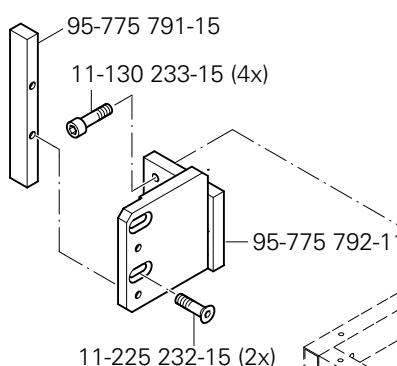
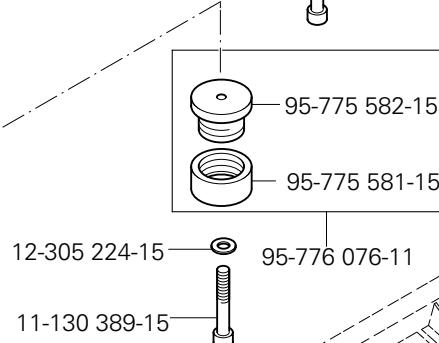
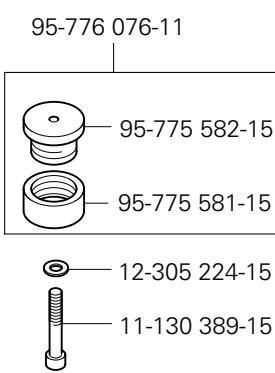
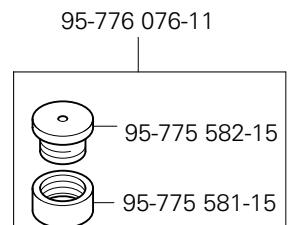
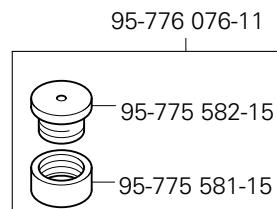
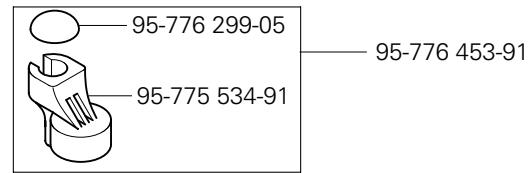
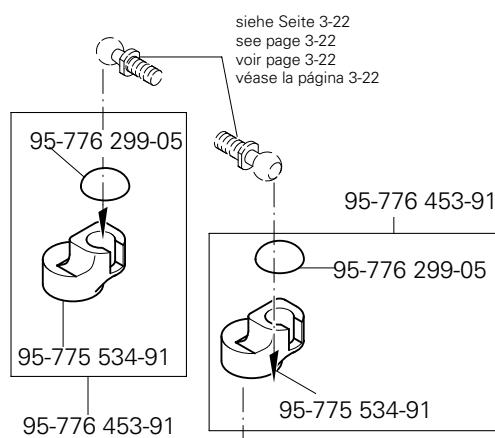
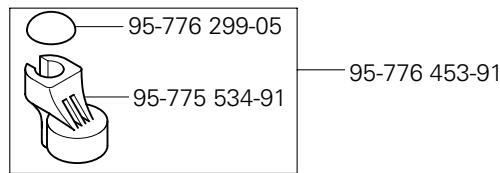
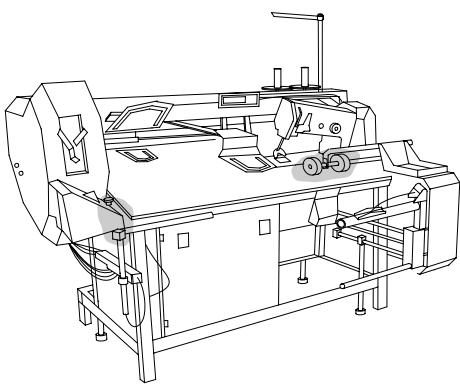




Tischplatte  
Table top  
Plateau de table  
Tablero de costura PFAFF 3588-02/021

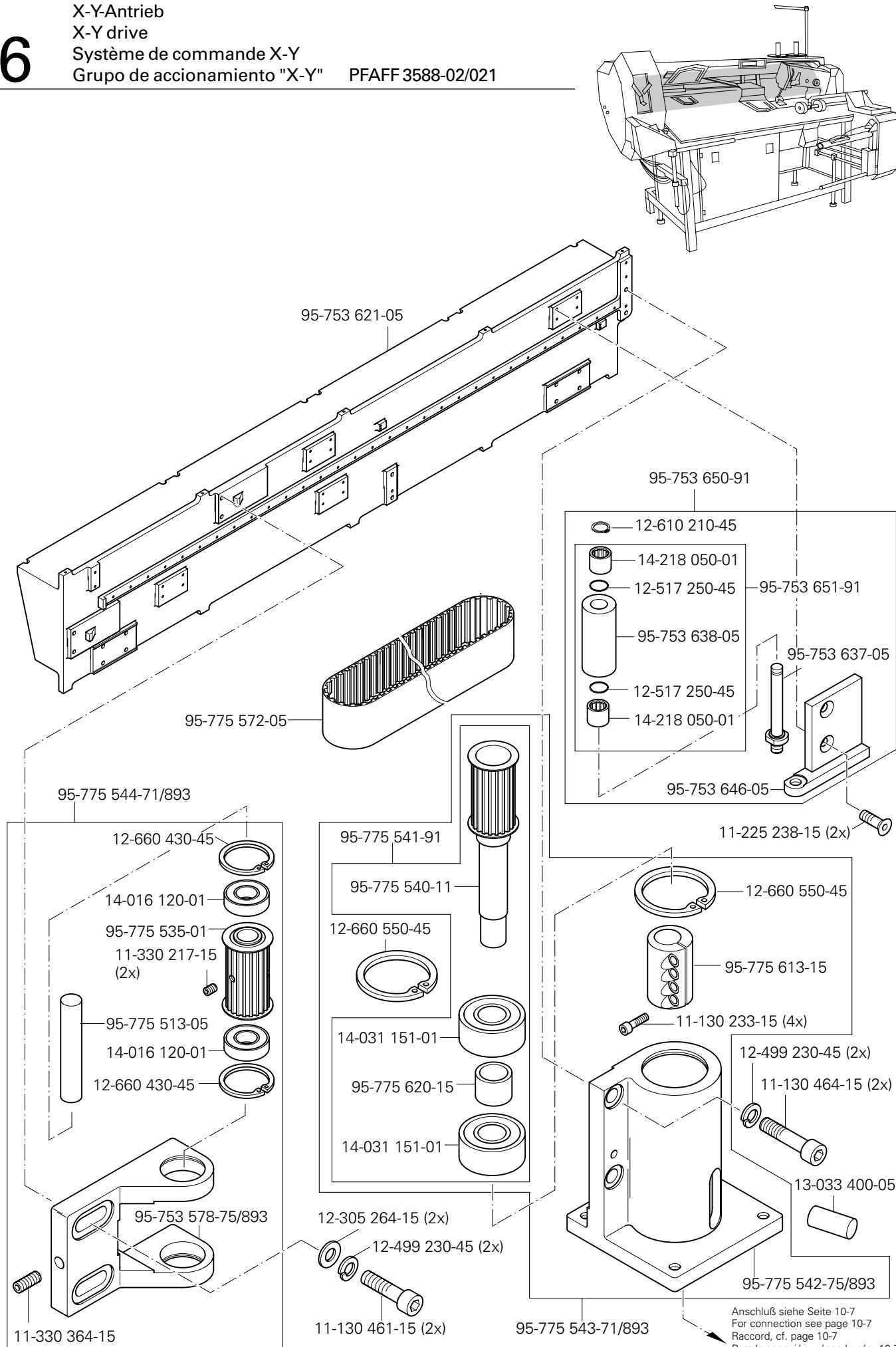


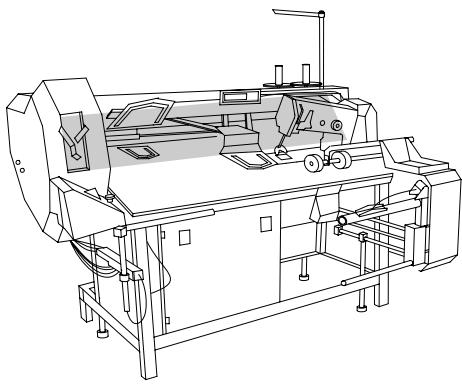




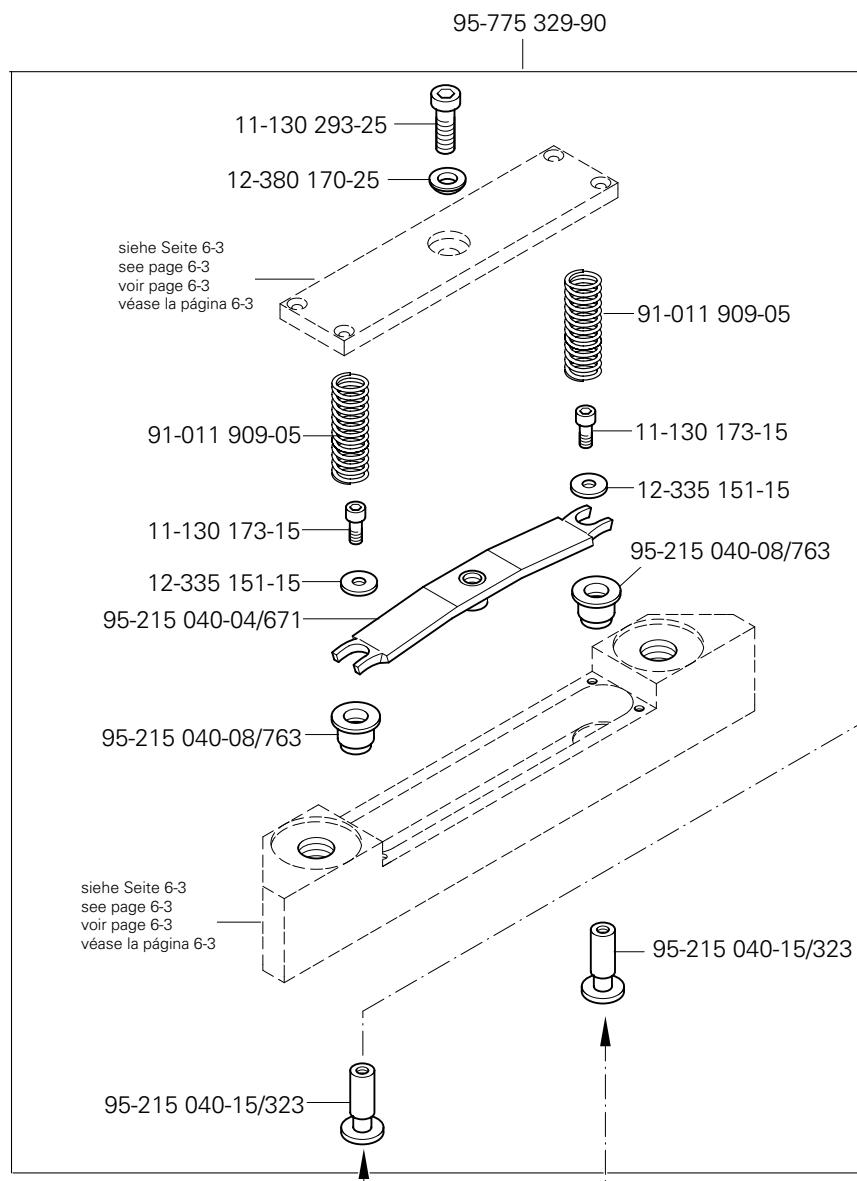
11-330 280-15 11-130 224-15

95-775 882-15  
 12-305 174-15  
 12-499 190-45  
 11-130 323-15



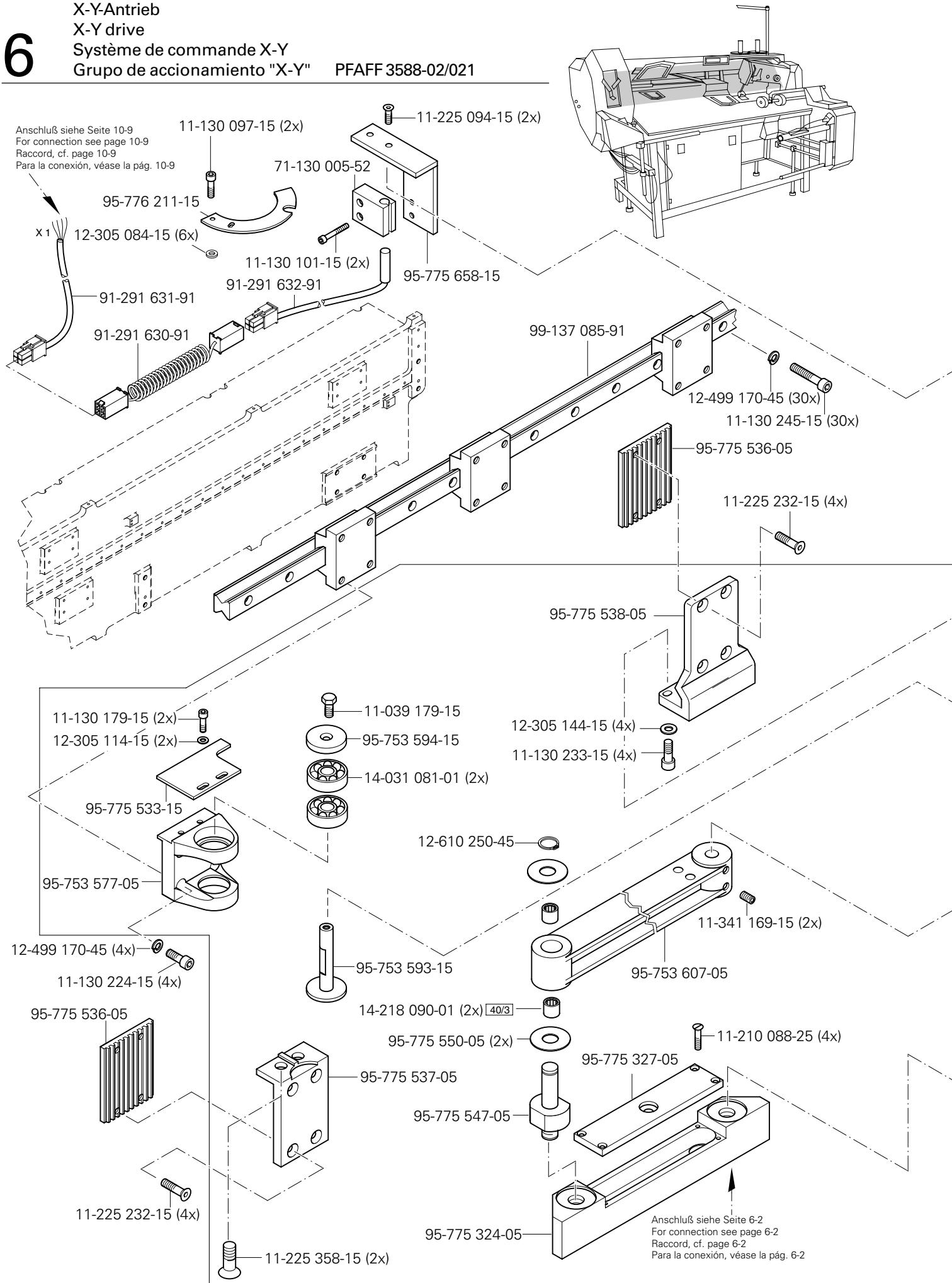


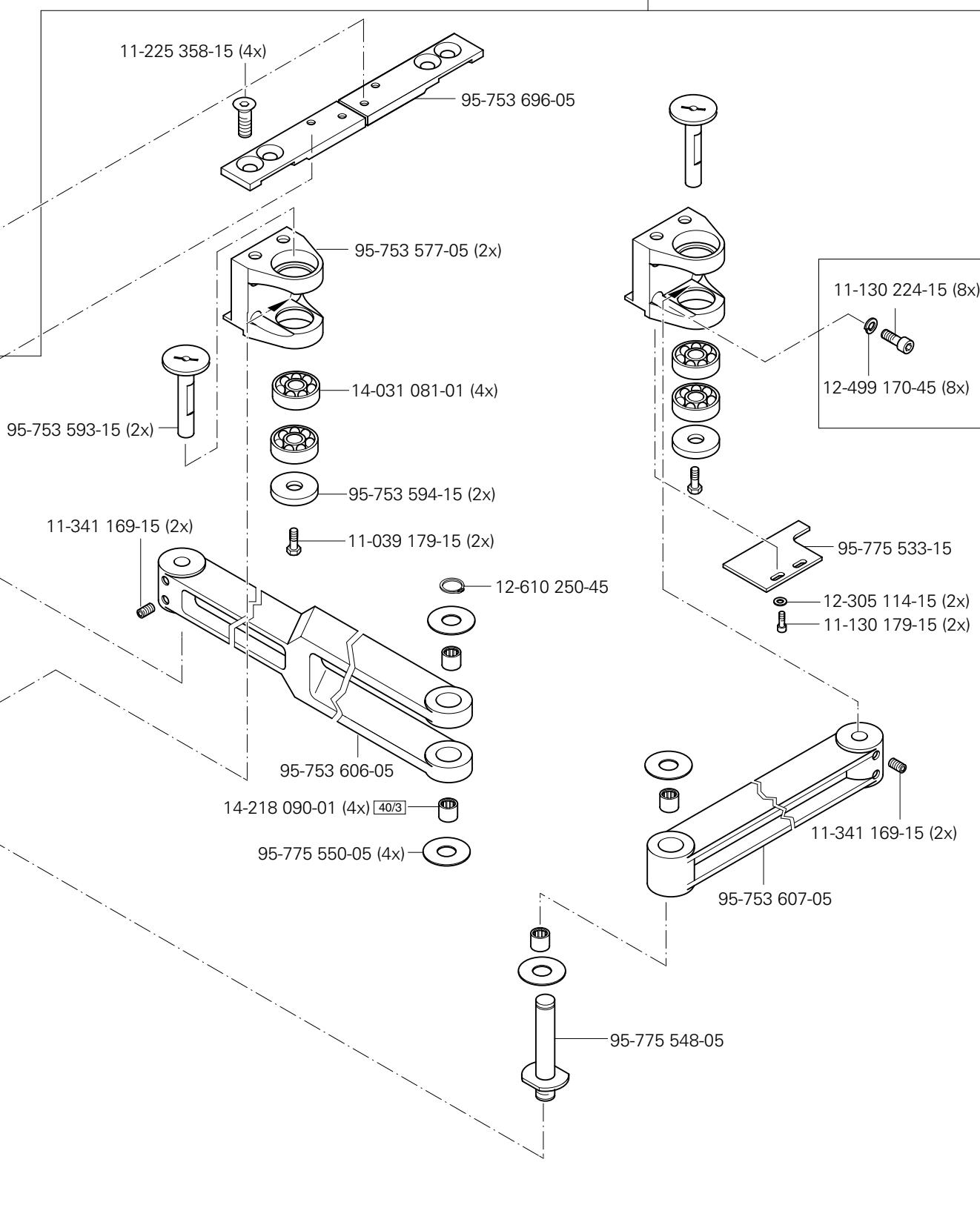
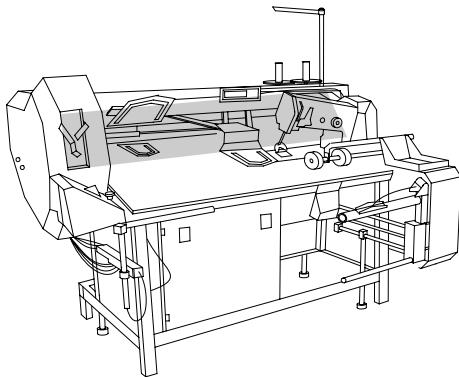
X-Y-Antrieb  
X-Y drive  
Système de commande X-Y  
Grupo de accionamiento "X-Y" PFAFF 3588-02/021

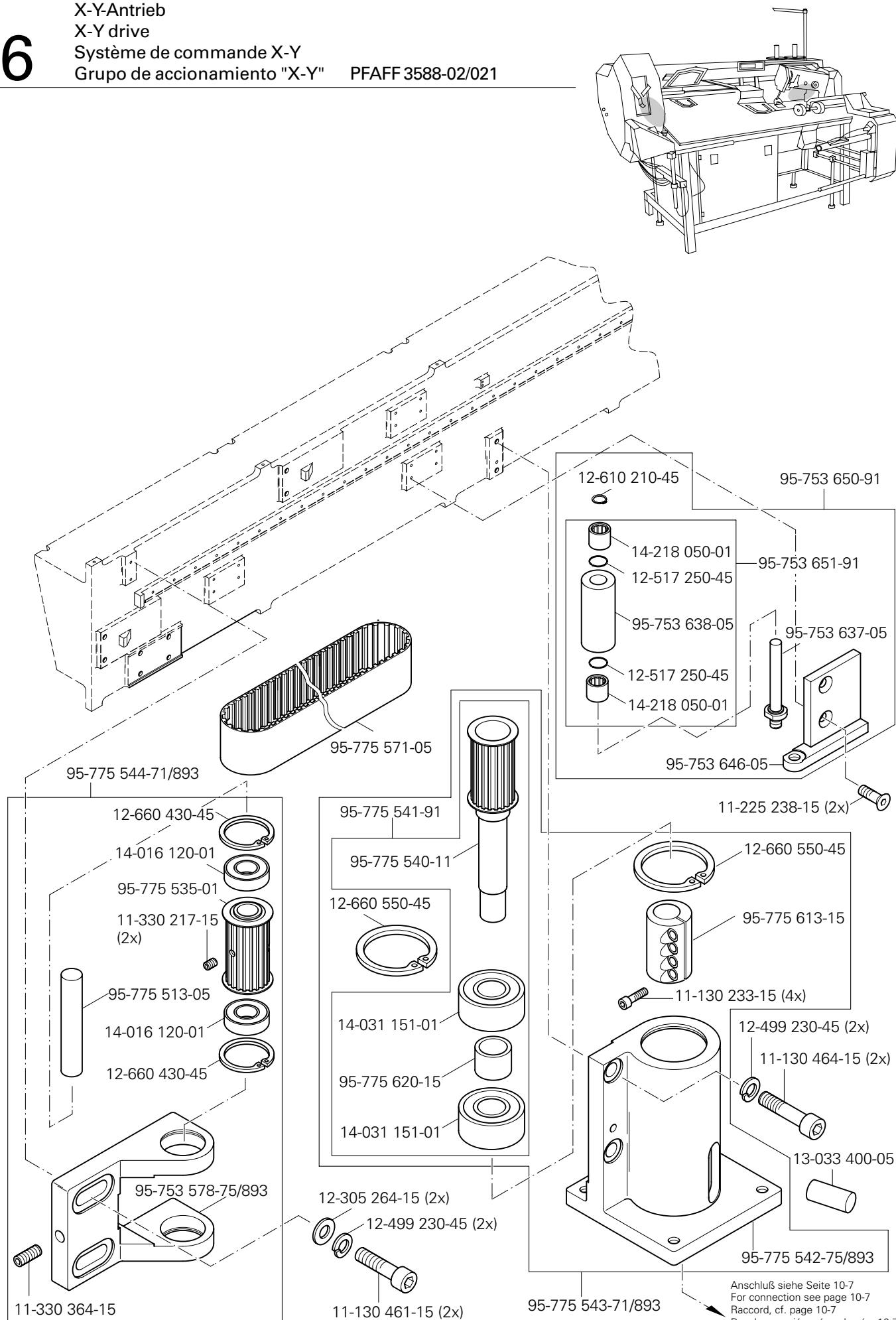


Anschluß siehe Seite 15-14  
For connection see page 15-14  
Raccord, cf. page 15-14  
Para la conexión, véase la pág. 15-14



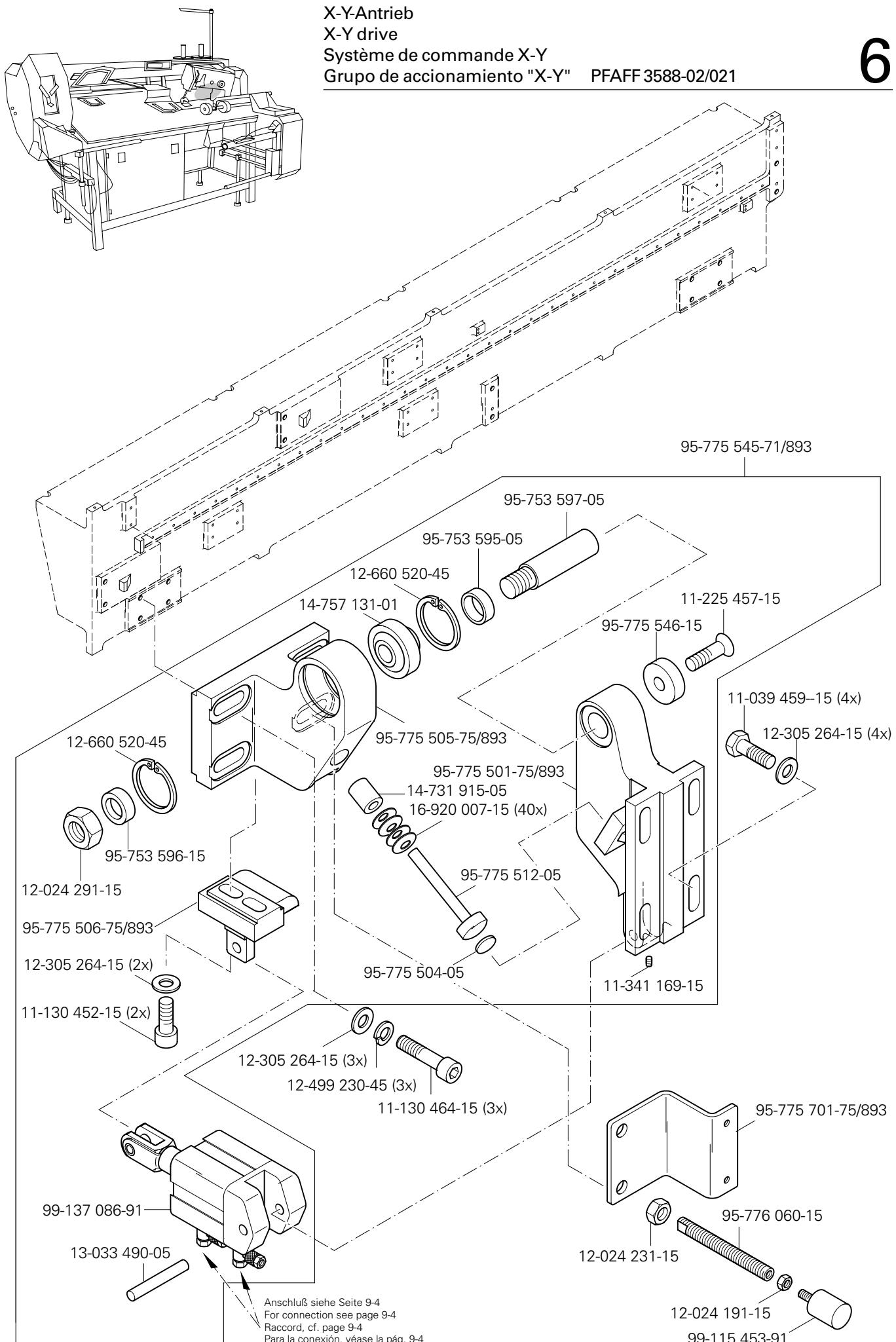


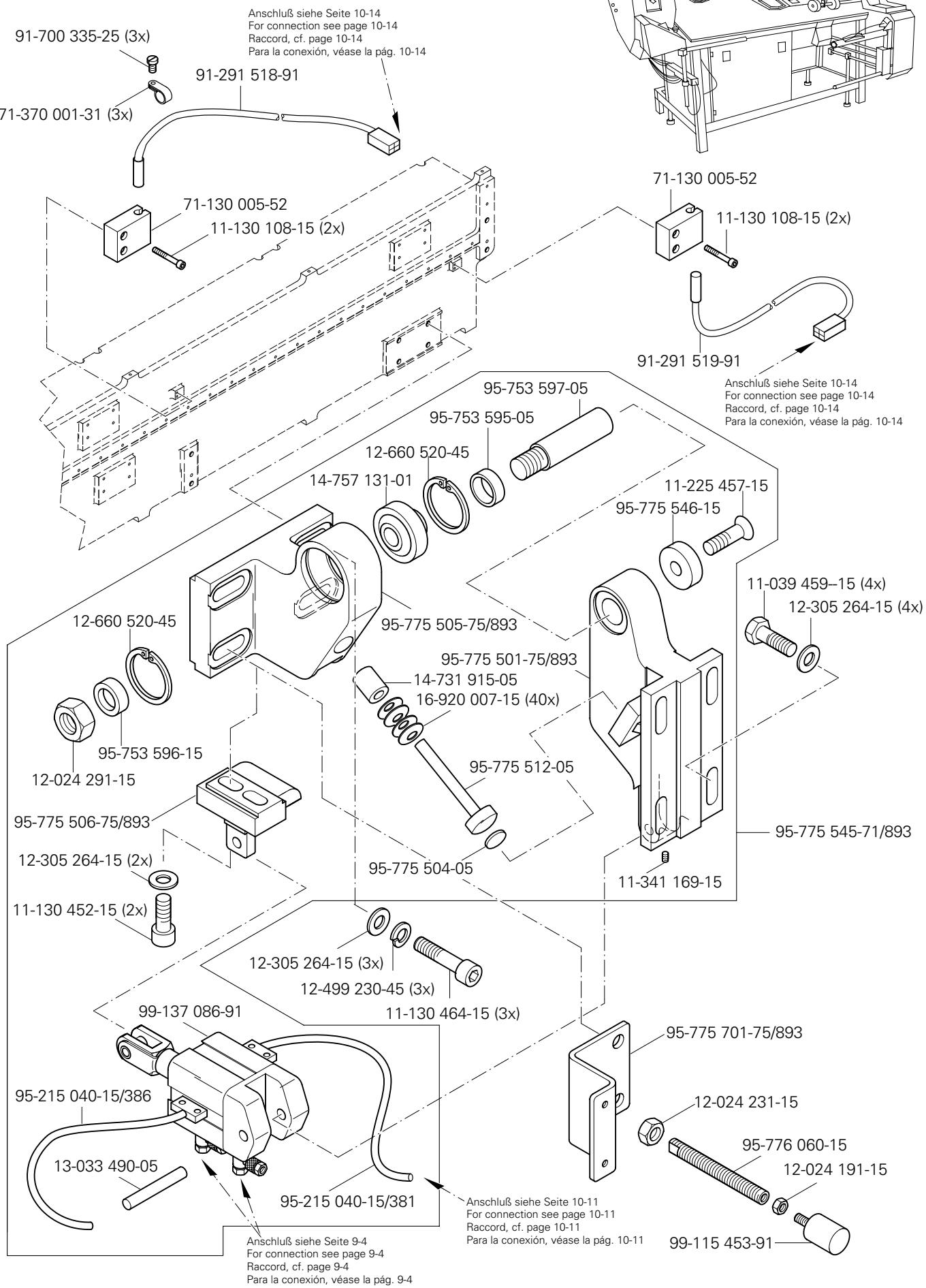


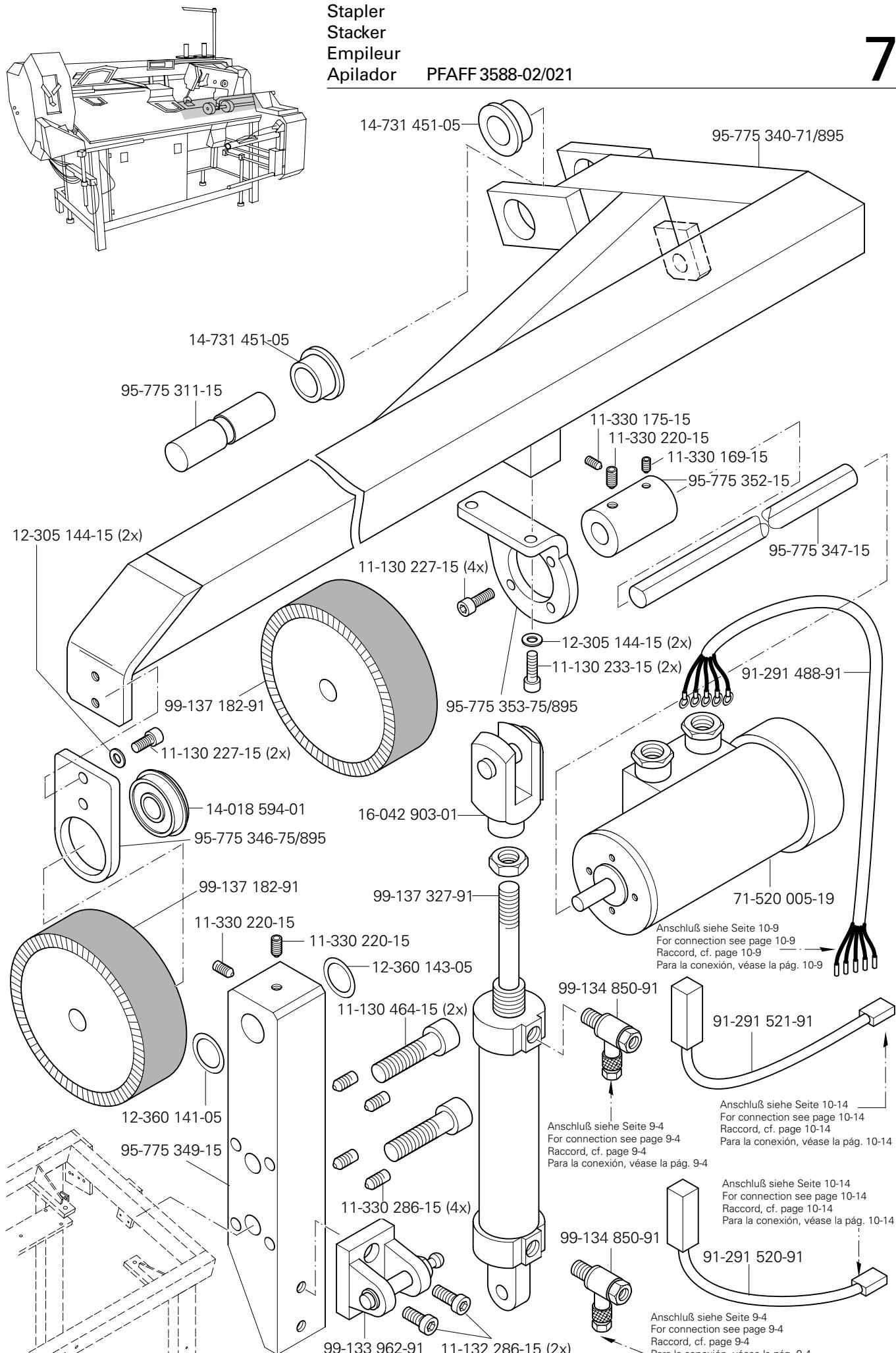


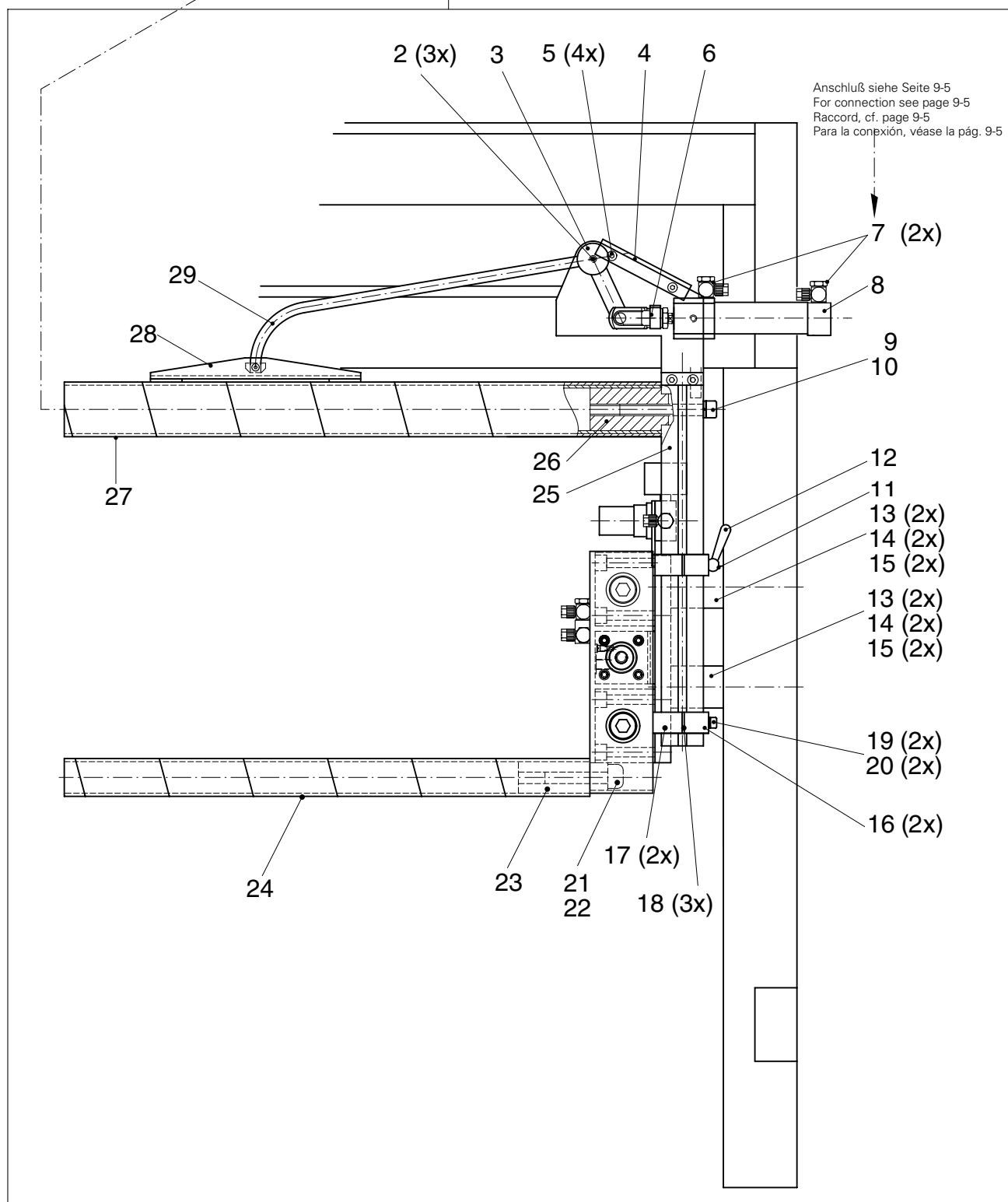
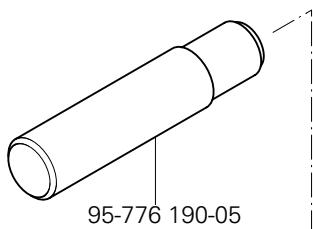
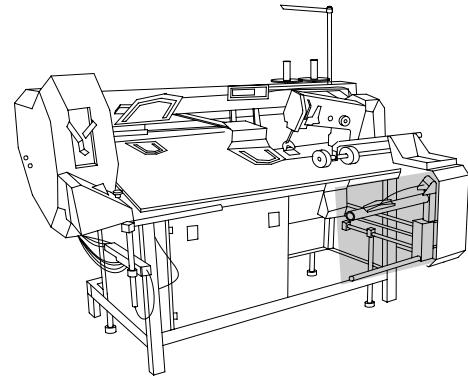
Anschluß siehe Seite 10-7  
 For connection see page 10-7  
 Raccord, cf. page 10-7  
 Para la conexión, véase la pág. 10-7







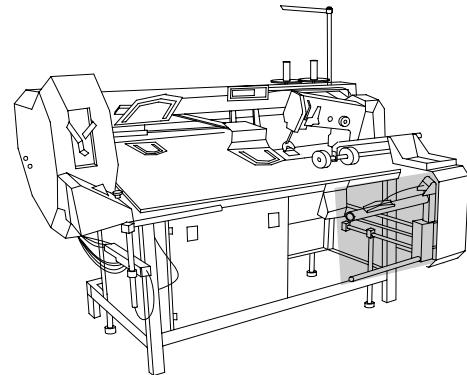




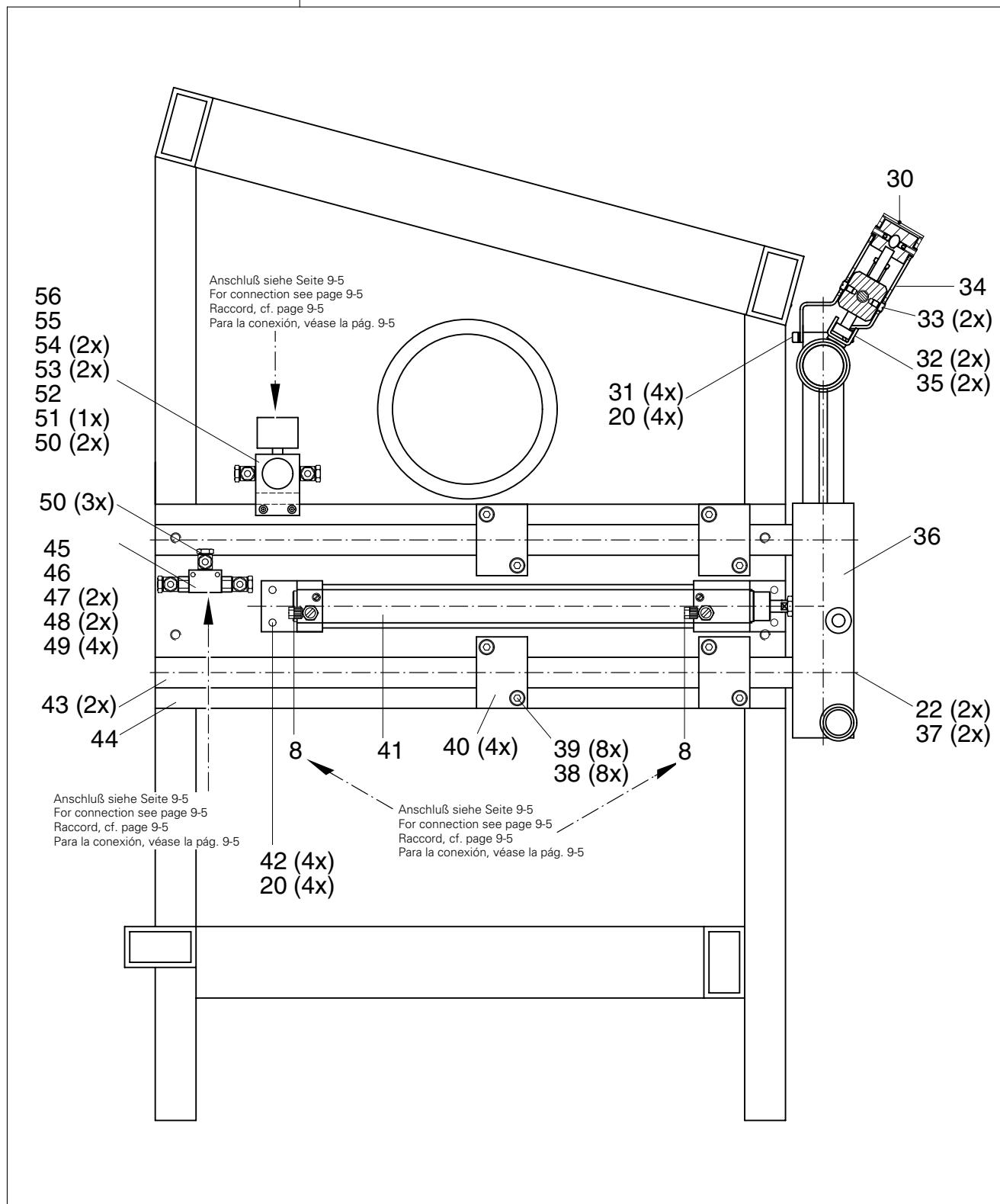
siehe Kapitel 2 Erläuterung der Schlüsselzeichen  
see chapter 2 Explanation of key markings  
voir le chap. 2 Explication des symboles  
véase el Cap. 2 Explicaciones de los signos clave

| Pos.-Nr.<br>Item No.<br>Nº pos.<br>Nº de pos. | Bestellnummer<br>Part number<br>Nº de commande<br>Nº de pedido | Teile-Benennung<br>Description<br>Désignation<br>Denominación   | Pos.-Nr.<br>Item No.<br>Nº pos.<br>Nº de pos. | Bestellnummer<br>Part number<br>Nº de commande<br>Nº de pedido | Teile-Benennung<br>Description<br>Désignation<br>Denominación                                |
|---|--|---|---|--|--|
| 1   | 95-215 000-03/299  | Stapler<br>Stacker<br>Empileur<br>Apilador  | 17  | 95-215 040-13/591  | Führung 20 x 27 x 60<br>Guide<br>Guide<br>Guía   |
| 2   | 11-330 280-15  | Gewindestift M6 x 8<br>Threaded stud<br>Vis sans tête<br>Tornillo prisionero  | 18  | 95-215 040-14/136  | Distanzstück<br>Spacer<br>Pièce d'écartement<br>Pieza distanciadora                          |
| 3   | 95-215 040-14/141  | Klemmstück<br>Clamping piece<br>Pièce de serrage<br>Pieza presora   | 19  | 11-130 332-15  | Zylinderschraube M6 x 65<br>Pan-head screw<br>Vis à tête cylindrique<br>Tornillo cilíndrico  |
| 4   | 95-215 040-13/878  | Deckel<br>Cover<br>Couvercle<br>Tapa  | 20  | 12-501 190-45  | Federring 6<br>Spring washer<br>Rondelle élastique<br>Arandela elástica                      |
| 5   | 11-130 906-15  | Zylinderschraube M5 x 6<br>Pan-head screw<br>Vis à tête cylindrique<br>Tornillo cilíndrico  | 21  | 11-130 719-15  | Zylinderschraube M16 x 40<br>Pan-head screw<br>Vis à tête cylindrique<br>Tornillo cilíndrico |
| 6   | 95-215 000-00/635  | Gabelkopf<br>Fork head<br>Fourche<br>Cabeza horquillada   | 22  | 12-499 290-45  | Federring 16<br>Spring washer<br>Rondelle élastique<br>Arandela elástica                     |
| 7   | 95-215 080-18/008  | Drosselrückschlagventil 1/8"<br>Check-return valve<br>Clapet anti-retour avec étranglement<br>Válvula estranguladora de retroceso | 23  | 95-215 040-14/132  | Rohrverbindung 27 x 40<br>Tube connection<br>Raccord de tuyaux<br>Unión de tubos             |
| 8   | 95-215 000-03/992  | Zylinder, doppeltwirkend<br>Cylinder, double-acting<br>Vérin à double effet<br>Cilindro de doble efecto                           | 24  | 95-215 040-13/923  | Rohr<br>Tube<br>Tube<br>Tubo   |
| 9   | 11-130 551-15  | Zylinderschraube M12 x 40<br>Pan-head screw<br>Vis à tête cylindrique<br>Tornillo cilíndrico                                      | 25  | 95-215 040-14/134  | Klemmstück 40 x 40 x 343<br>Clamping piece<br>Pièce de serrage<br>Pieza presora              |
| 10  | 95-215 070-05/901  | Federring 12<br>Spring washer<br>Rondelle élastique<br>Arandela elástica  | 26  | 95-215 040-14/133  | Rohrverbindung 42 x 58<br>Tube connection<br>Raccord de tuyaux<br>Unión de tubos             |
| 11  | 95-215 040-12/556  | Gewindestift M6 x 79<br>Threaded stud<br>Vis sans tête<br>Tornillo prisionero   | 27  | 95-215 040-13/921  | Rohr<br>Tube<br>Tube<br>Tubo   |
| 12  | 95-215 080-29/013  | Klemmhebel<br>Clamp lever<br>Levier de serrage<br>Palanca de fricción   | 28  | 95-215 040-14/143  | Niederhalter<br>Retainer<br>Serre-ouvrage<br>Sujetatelas                                     |
| 13  | 95-215 040-14/146  | Distanzstück<br>Spacer<br>Pièce d'écartement<br>Pieza distanciadora   | 29  | 95-215 040-12/561  | Schwenkarm<br>Swivel arm<br>Bras oscillant<br>Brazo giratorio                                |
| 14  | 11-130 482-15  | Zylinderschraube M10 x 70<br>Pan-head screw<br>Vis à tête cylindrique<br>Tornillo cilíndrico                                      | 30  | 95-215 040-13/877  | Blech<br>Plate<br>Tôle<br>Chapa  |
| 15  | 12-501 230-45  | Federring 10<br>Spring washer<br>Rondelle élastique<br>Arandela elástica  | 31  | 11-130 293-15  | Zylinderschraube M6 x 16<br>Pan-head screw<br>Vis à tête cylindrique<br>Tornillo cilíndrico  |
| 16  | 95-215 040-13/535  | Führung 20 x 24 x 60<br>Guide<br>Guide<br>Guía  | 32  | 11-225 220-15  | Senkschraube M5 x 8<br>Countersunk screw<br>Vis à tête noyée<br>Tornillo avellanado          |



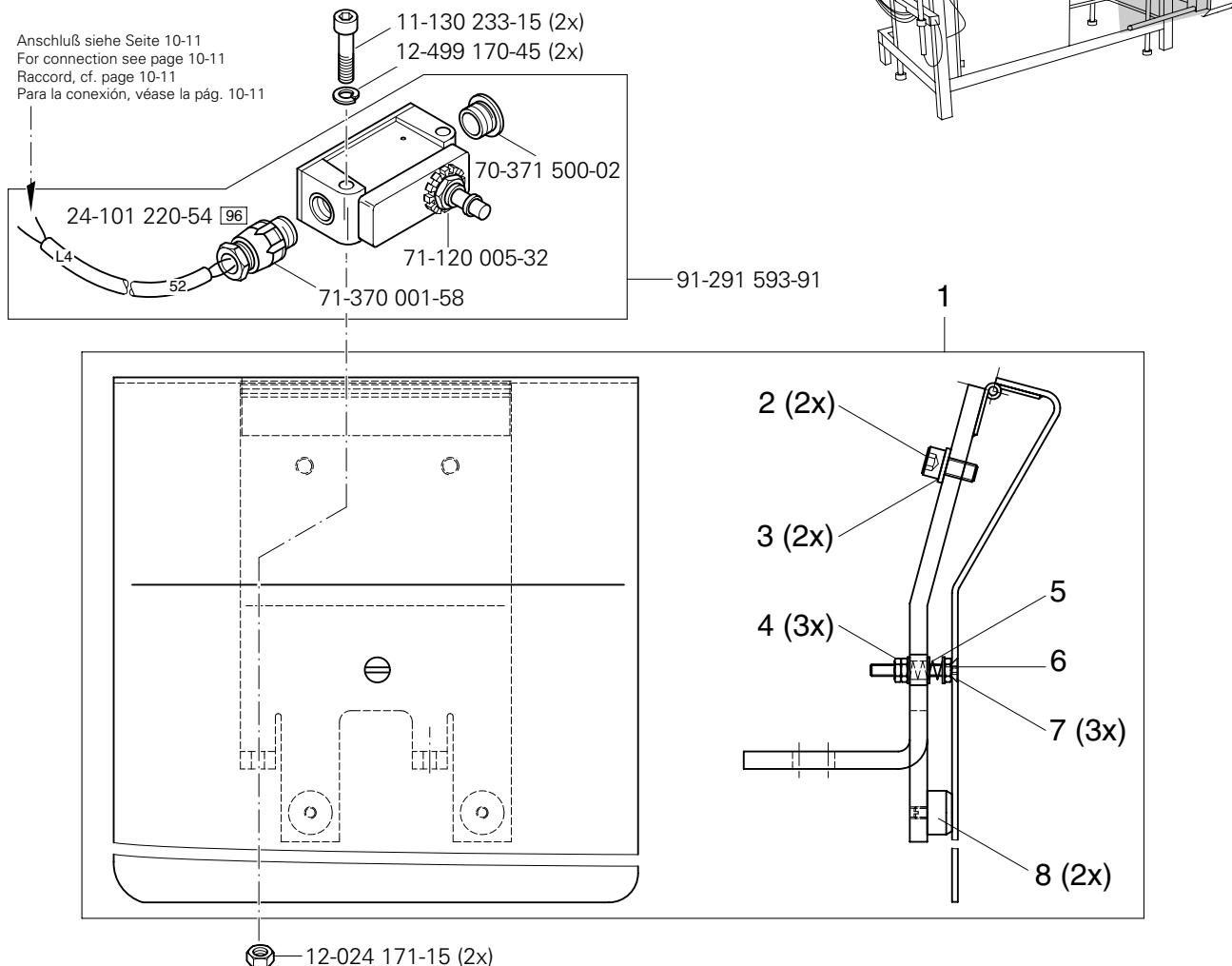


1

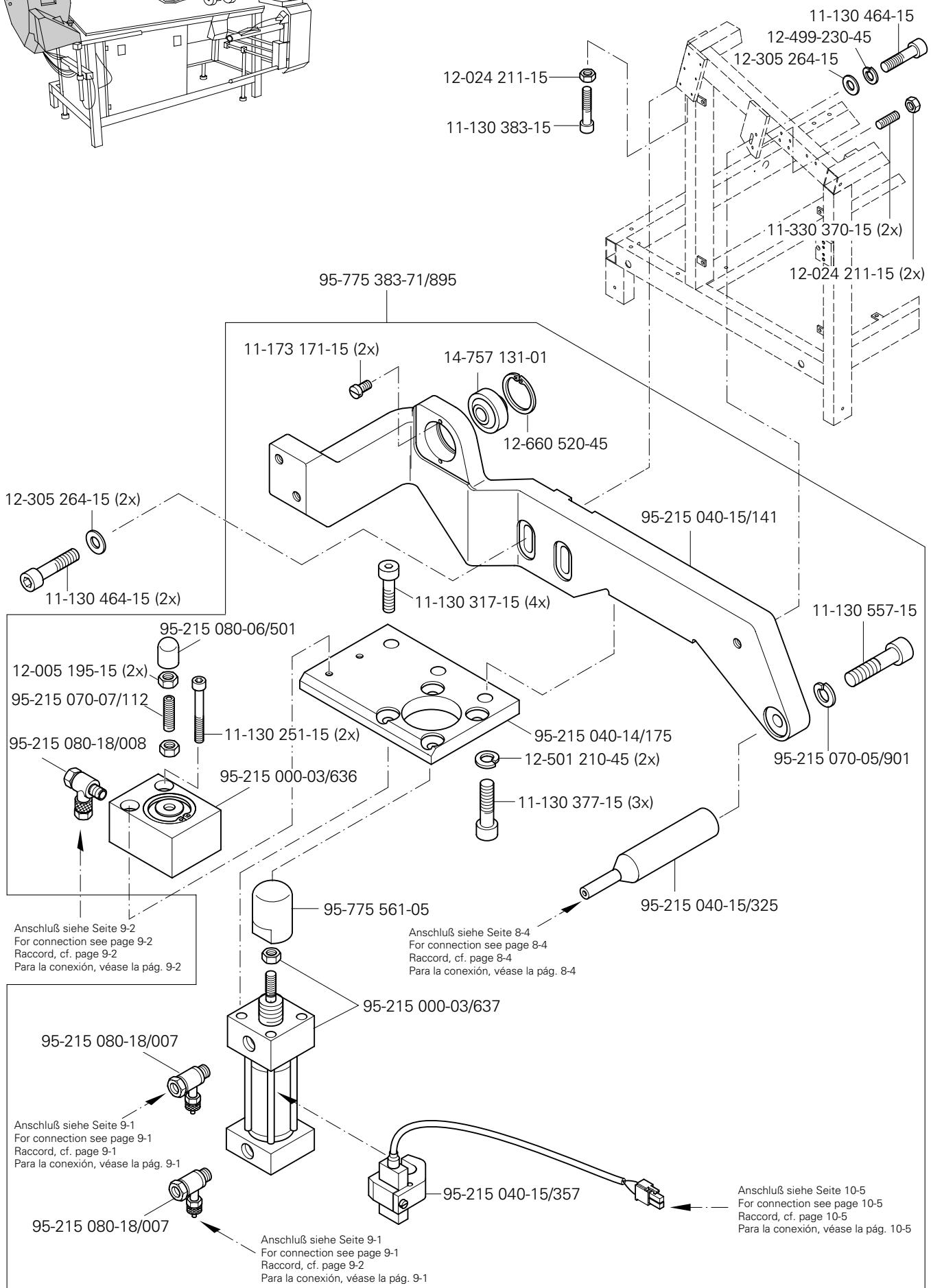
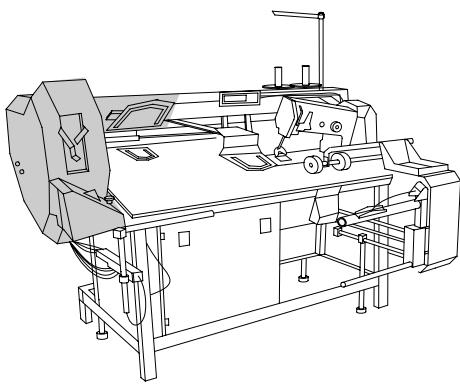


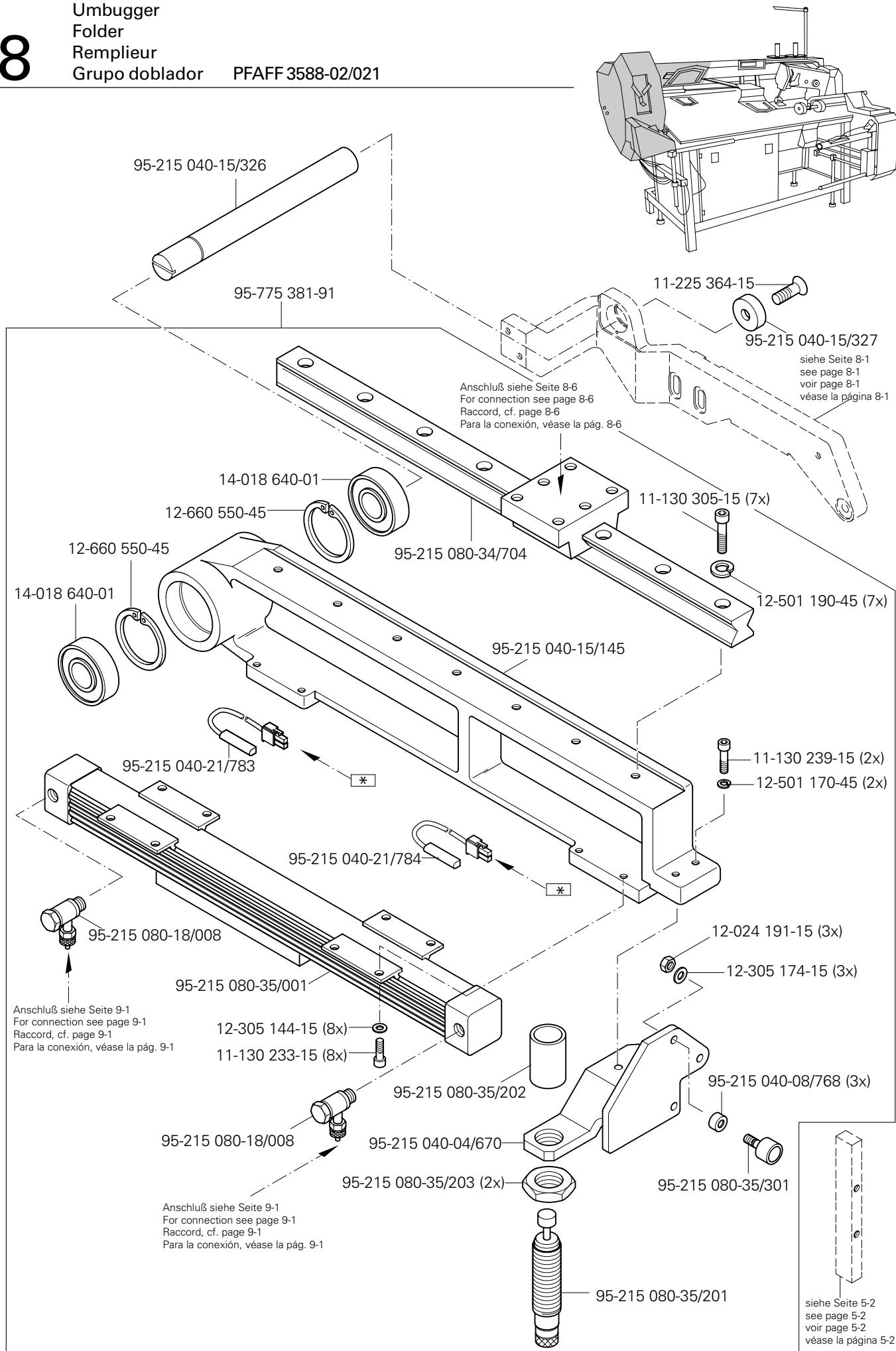
| Pos.-Nr.<br>Item No.<br>Nº pos.<br>Nº de pos. | Bestellnummer<br>Part number<br>Nº de commande<br>Nº de pedido | Teile-Benennung<br>Description<br>Désignation<br>Denominación   | Pos.-Nr.<br>Item No.<br>Nº pos.<br>Nº de pos. | Bestellnummer<br>Part number<br>Nº de commande<br>Nº de pedido | Teile-Benennung<br>Description<br>Désignation<br>Denominación                               |
|---|--|---|---|--|---|
| 33  | 95-215 040-18/505  | Paßschraube M 6<br>Shouldered screw<br>Vis de précision<br>Tornillo de ajuste                           | 49  | 12-501 150-45  | Federring 4<br>Spring washer<br>Rondelle élastique<br>Arandela elástica                     |
| 34  | 95-215 040-13/880  | Blech<br>Plate<br>Tôle<br>Chapa   | 50  | 95-215 080-18/102  | Schwenkverschraubung<br>Swivel union<br>Raccord pivotant<br>Racora orientable               |
| 35  | 12-505 171-15  | Federscheibe B5<br>Spring washer<br>Rondelle élastique<br>Arandela elástica                             | 51  | 95-215 080-17/605  | Mutter M30 x 1,5<br>Nut<br>Ecrou<br>Tuerca  |
| 36  | 95-215 040-14/135  | Klotz 60 x 230<br>Block<br>Bloc<br>Bloque   | 52  | 95-215 080-17/604  | Druckregler<br>Pressure regulator<br>Régulateur de pression<br>Regulador de presión         |
| 37  | 11-130 719-15  | Zylinderschraube M16 x 40<br>Pan-head screw<br>Vis à tête cylindrique<br>Tornillo cilíndrico            | 53  | 11-130 227-15  | Zylinderschraube M5 x 12<br>Pan-head screw<br>Vis à tête cylindrique<br>Tornillo cilíndrico |
| 38  | 12-501 210-45  | Federring 8<br>Spring washer<br>Rondelle élastique<br>Arandela elástica                                 | 54  | 12-501 170-45  | Federring 5<br>Spring washer<br>Rondelle élastique<br>Arandela elástica                     |
| 39  | 11-130 395-15  | Zylinderschraube M8 x 60<br>Pan-head screw<br>Vis à tête cylindrique<br>Tornillo cilíndrico             | 55  | 95-215 040-15/131  | Befestigungsblech<br>Mounting plate<br>Plaque de montage<br>Placa de fijación               |
| 40  | 95-215 040-13/534  | Führung<br>Guide<br>Guide<br>Guía   | 56  | 95-215 080-23/601  | Verschlußschraube G 1/8<br>Screw plug<br>Vis d'obturation<br>Tornillo de cierre             |
| 41  | 95-215 000-03/413  | Zylinder, doppeltwirkend<br>Cylinder, double-acting<br>Vérin à doble effet<br>Cilindro de doble efecto  |   |  |   |
| 42  | 11-130 299-15  | Zylinderschraube M6 x 20<br>Pan-head screw<br>Vis à tête cylindrique<br>Tornillo cilíndrico             |   |  |   |
| 43  | 95-215 040-12/569  | Führungsstange<br>Guide bar<br>Barre de guidage<br>Barra-guía   |   |  |   |
| 44  | 95-215 040-14/138  | Grundplatte<br>Baseplate<br>Plaque fondamentale<br>Placa base   |   |  |   |
| 45  | 95-215 080-14/925  | Doppelrückschlagventil G1/8<br>Double-check valve<br>Double valve d'arrêt<br>Doble válvula de retención |   |  |   |
| 46  | 95-215 040-14/161  | Distanzklotz<br>Spacing block<br>Bloc d'écartement<br>Taco distanciador                                 |   |  |   |
| 47  | 11-130 179-15  | Zylinderschraube M4 x 12<br>Pan-head screw<br>Vis à tête cylindrique<br>Tornillo cilíndrico             |   |  |   |
| 48  | 11-130 191-15  | Zylinderschraube M4 x 20<br>Pan-head screw<br>Vis à tête cylindrique<br>Tornillo cilíndrico             |   |  |   |

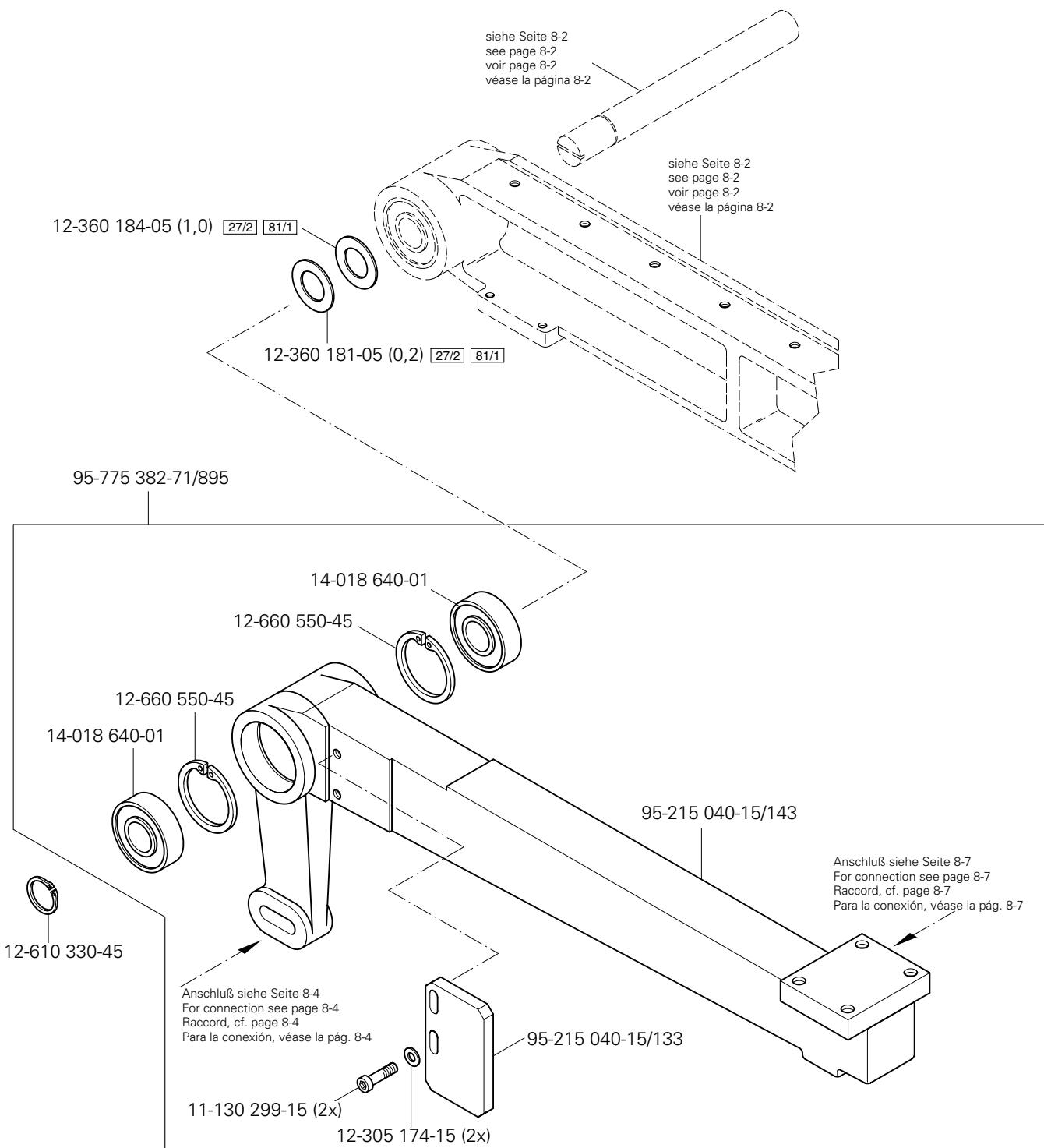
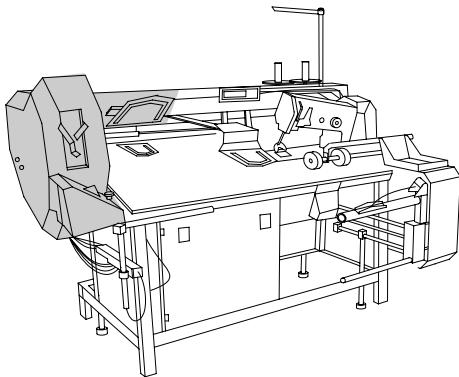


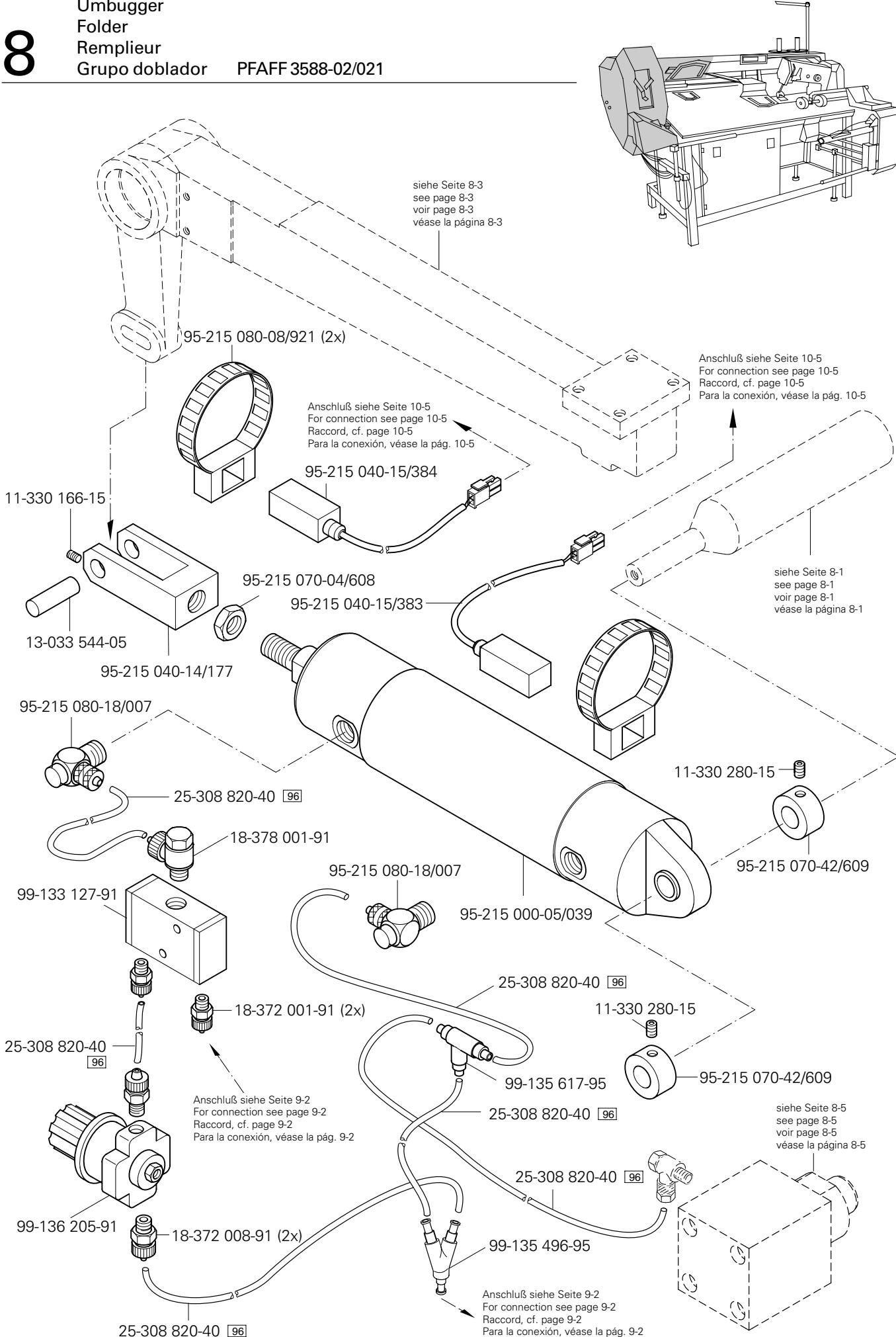


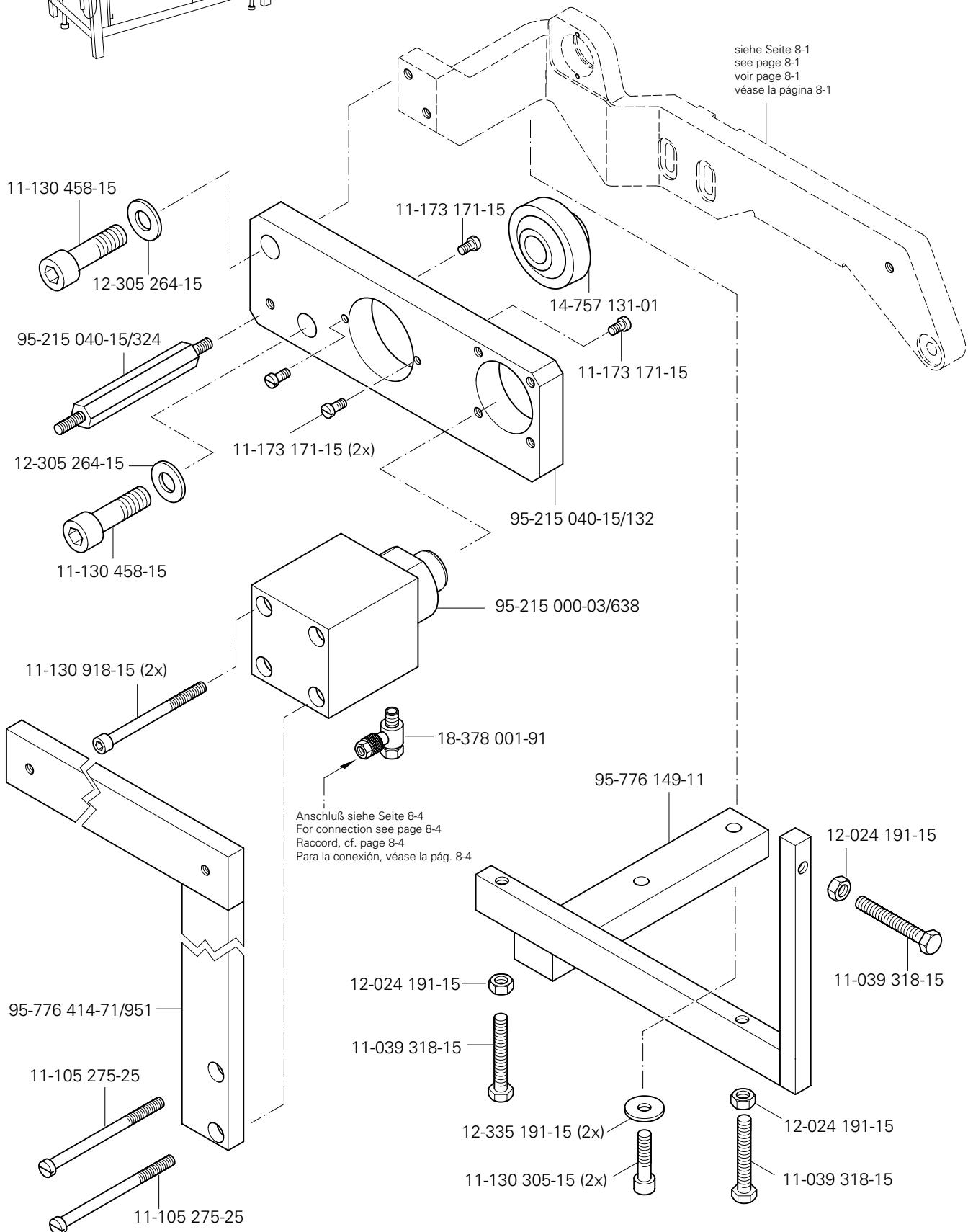
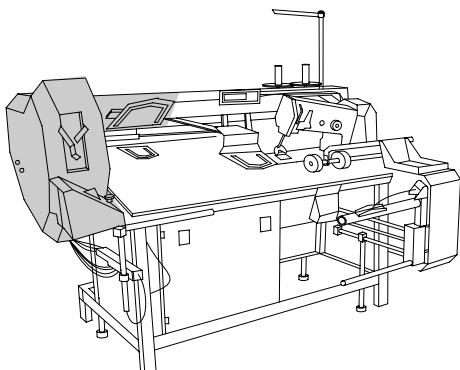
| Pos.-Nr.<br>Item No.<br>Nº pos.<br>Nº de pos. | Bestellnummer<br>Part number<br>Nº de commande<br>Nº de pedido | Teile-Benennung<br>Description<br>Désignation<br>Denominación                               | Pos.-Nr.<br>Item No.<br>Nº pos.<br>Nº de pos. | Bestellnummer<br>Part number<br>Nº de commande<br>Nº de pedido | Teile-Benennung<br>Description<br>Désignation<br>Denominación                        |
|---|--|---|---|--|--|
| 1   | 95-775 644-71/895  | Träger vollst.<br>Bracket assy.<br>Support complet<br>Soporte completo                      | 5   | 91-022 116-05  | Druckfeder<br>Pressure spring<br>Ressort de pression<br>Muelle de presión            |
| 2   | 11-130 287-15  | Zylinderschraube M6 x 12<br>Pan-head screw<br>Vis à tête cylindrique<br>Tornillo cilíndrico | 6   | 11-225 196-15  | Senkschraube M4 x 25<br>Countersunk screw<br>Vis à tête noyée<br>Tornillo avellanado |
| 3   | 12-305 174-15  | Scheibe 6,4<br>Washer<br>Rondelle<br>Arandela   | 7   | 12-305 114-15  | Scheibe 4,3<br>Washer<br>Rondelle<br>Arandela  |
| 4   | 12-024 151-15  | Sechskantmutter M4<br>Hexagon nut<br>Ecrou à six pans<br>Tuerca hexagonal                   | 8   | 91-024 554-05  | Anschlag<br>Stop<br>Butée<br>Tope  |

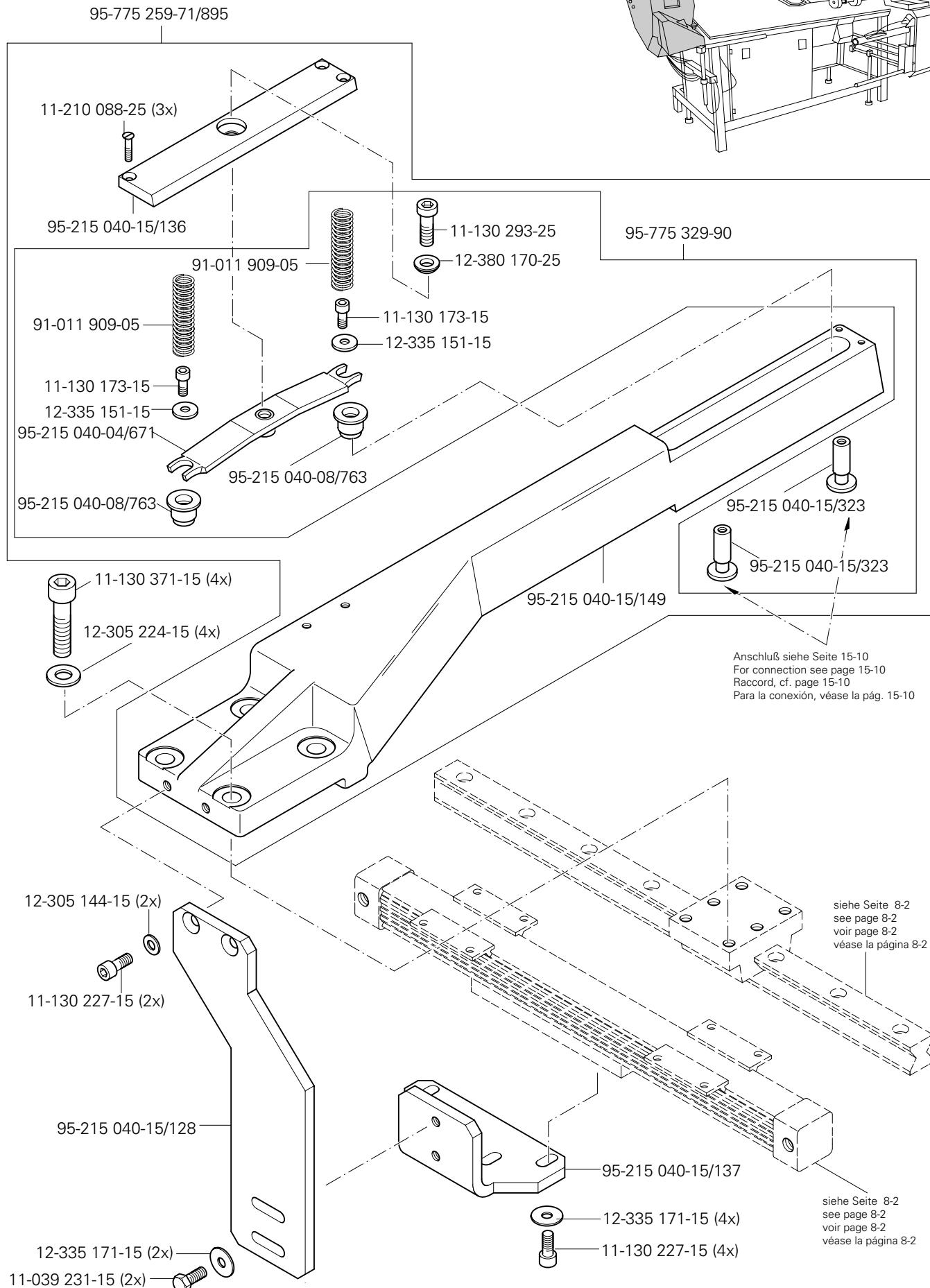


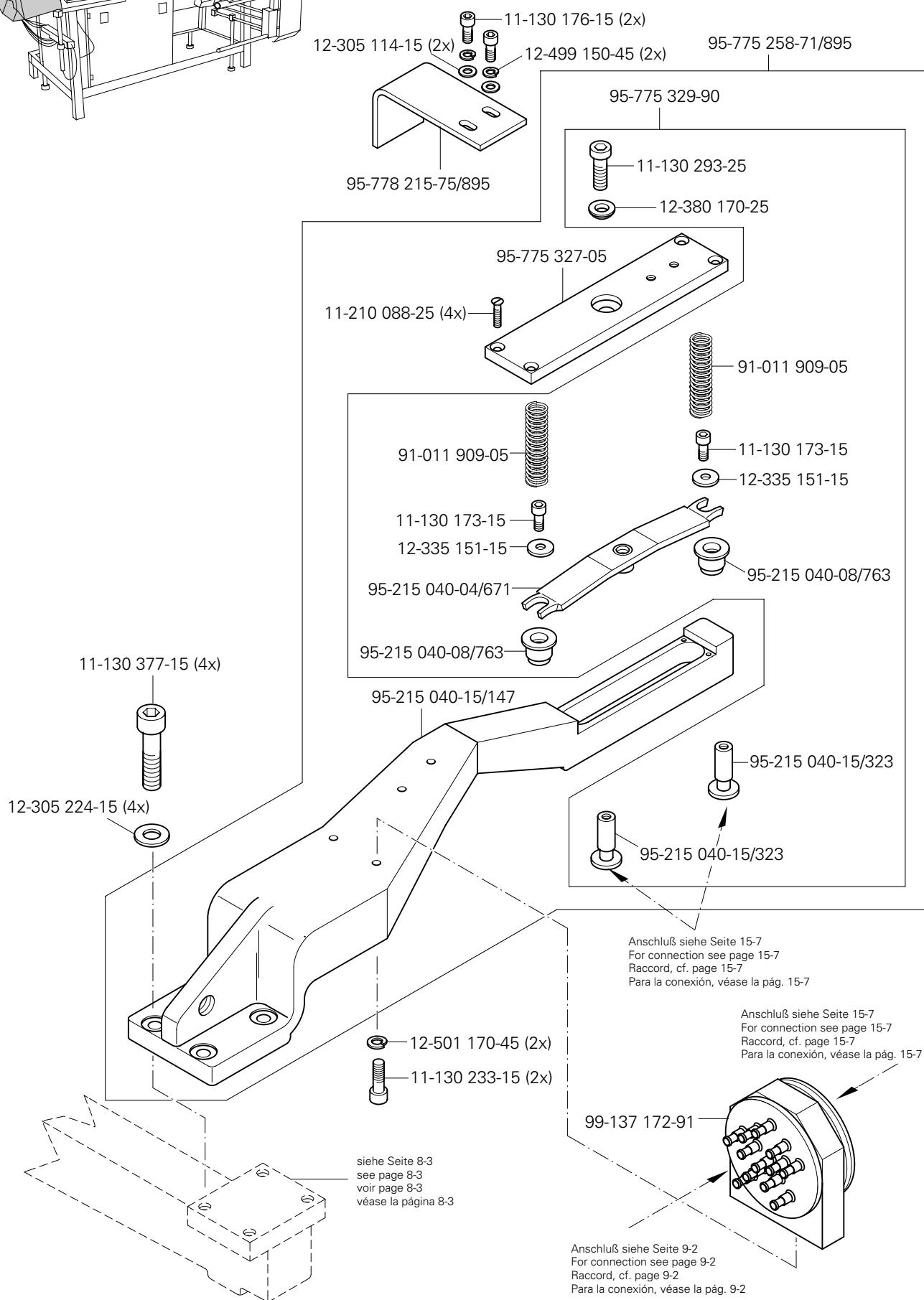
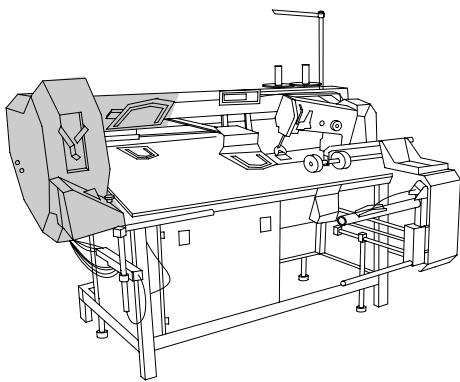


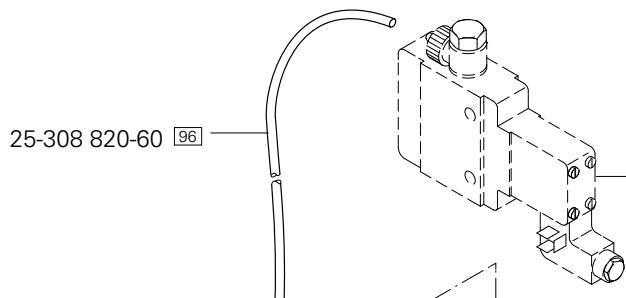
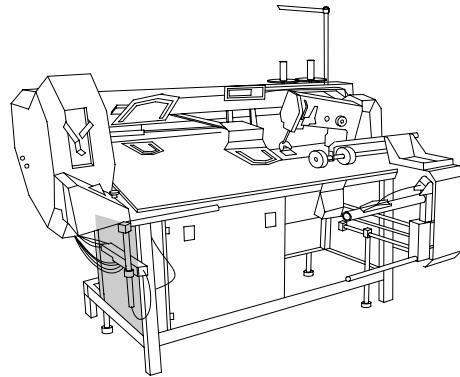




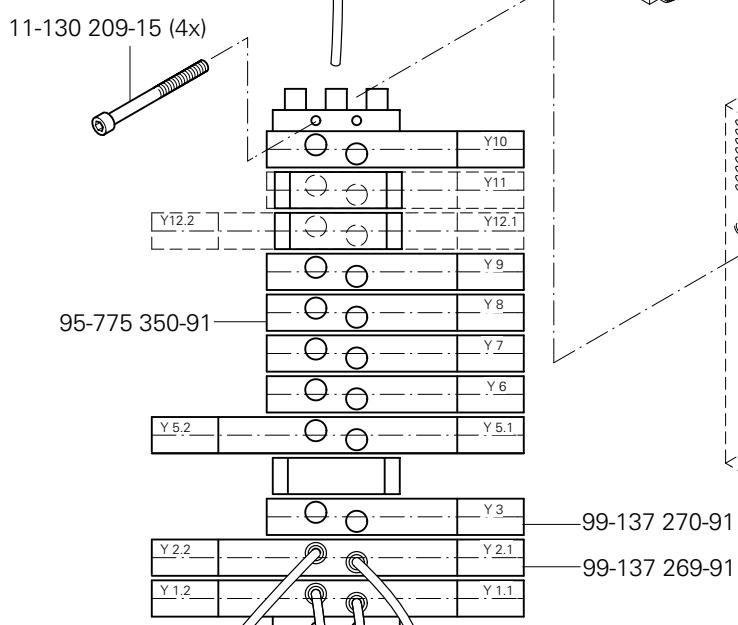




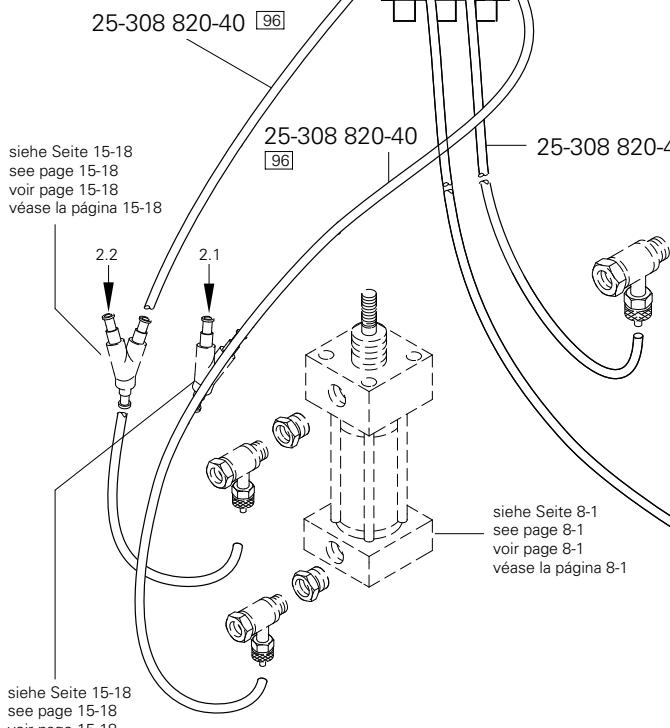
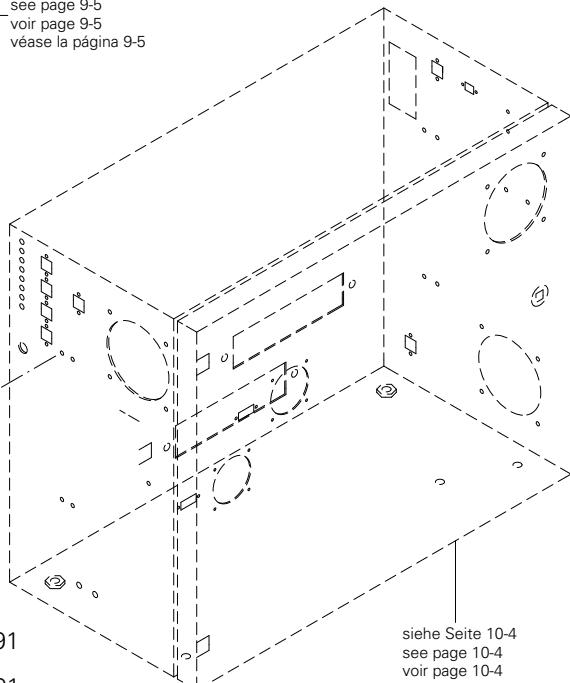




siehe Seite 9-5  
 see page 9-5  
 voir page 9-5  
 véase la página 9-5



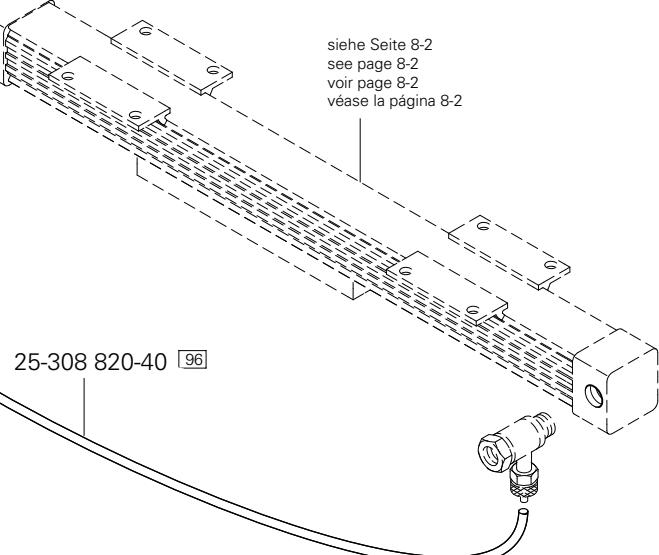
siehe Seite 10-4  
 see page 10-4  
 voir page 10-4  
 véase la página 10-4



siehe Seite 15-18  
 see page 15-18  
 voir page 15-18  
 véase la página 15-18

siehe Seite 8-1  
 see page 8-1  
 voir page 8-1  
 véase la página 8-1

siehe Seite 15-18  
 see page 15-18  
 voir page 15-18  
 véase la página 15-18

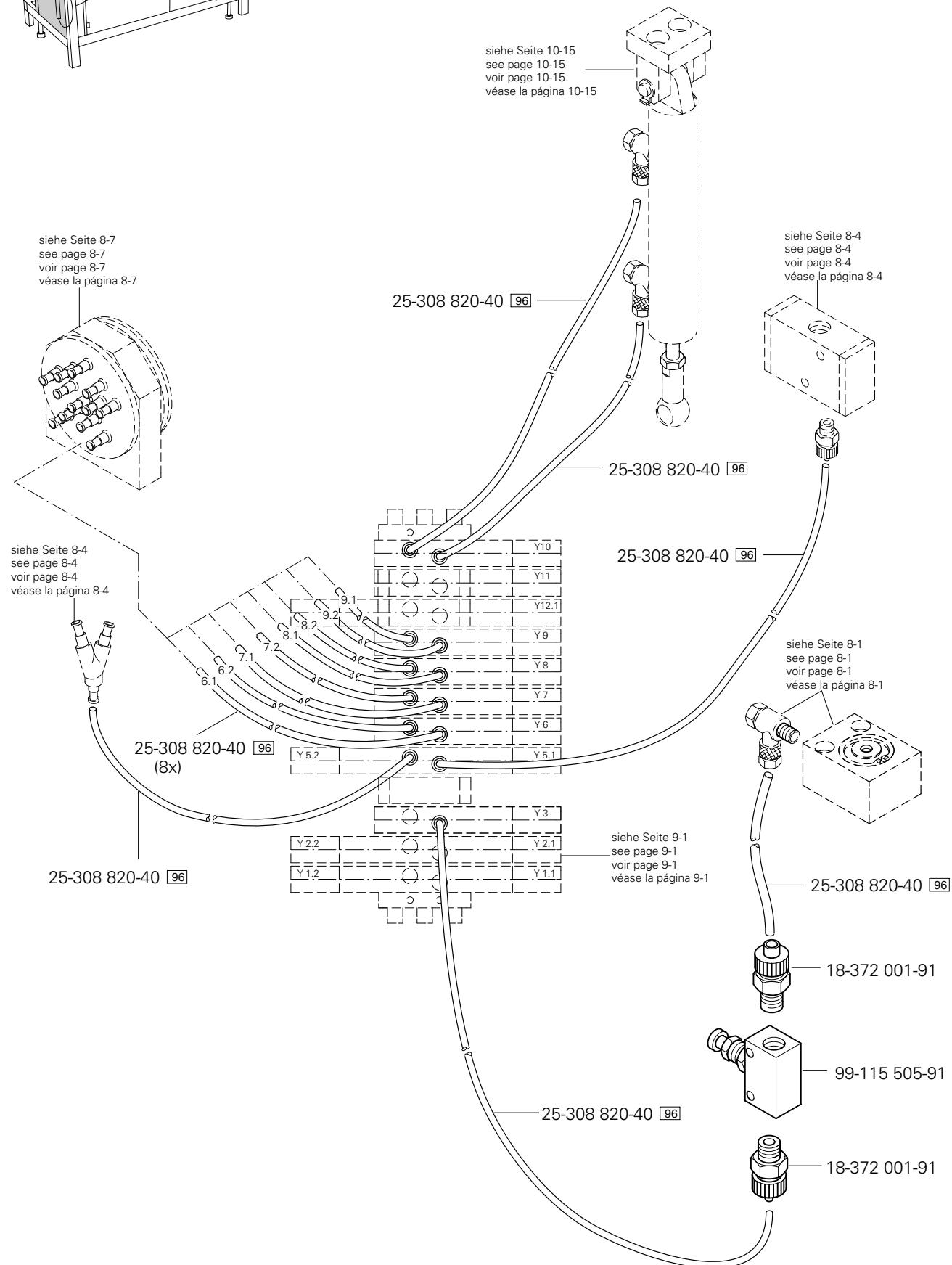
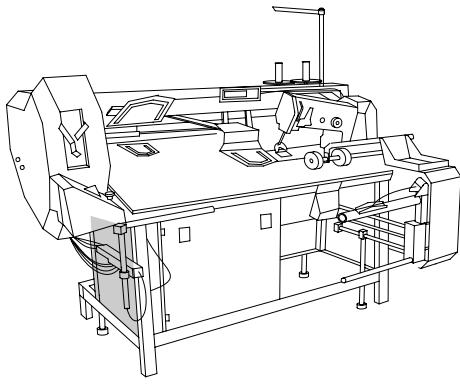


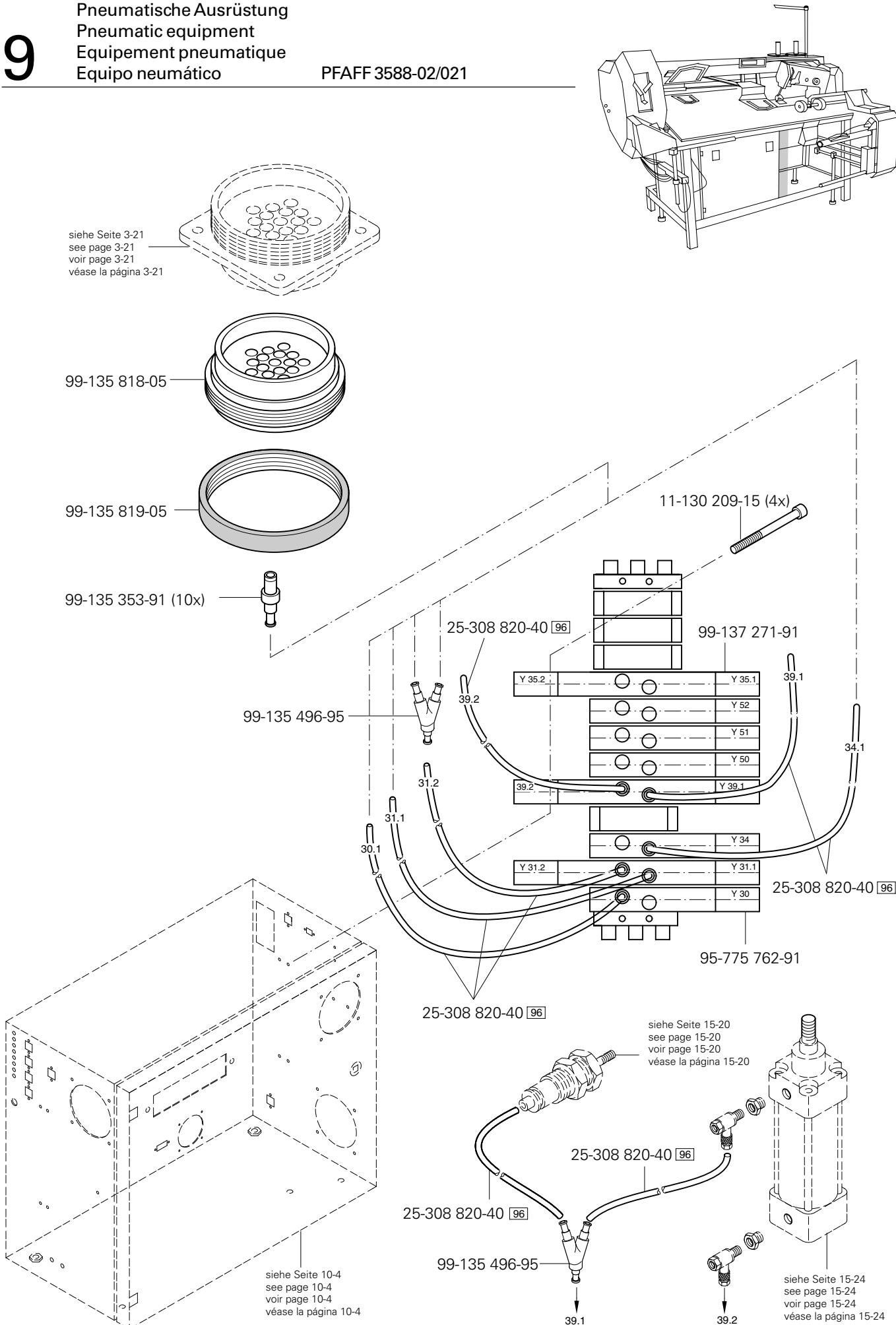
siehe Seite 8-2  
 see page 8-2  
 voir page 8-2  
 véase la página 8-2

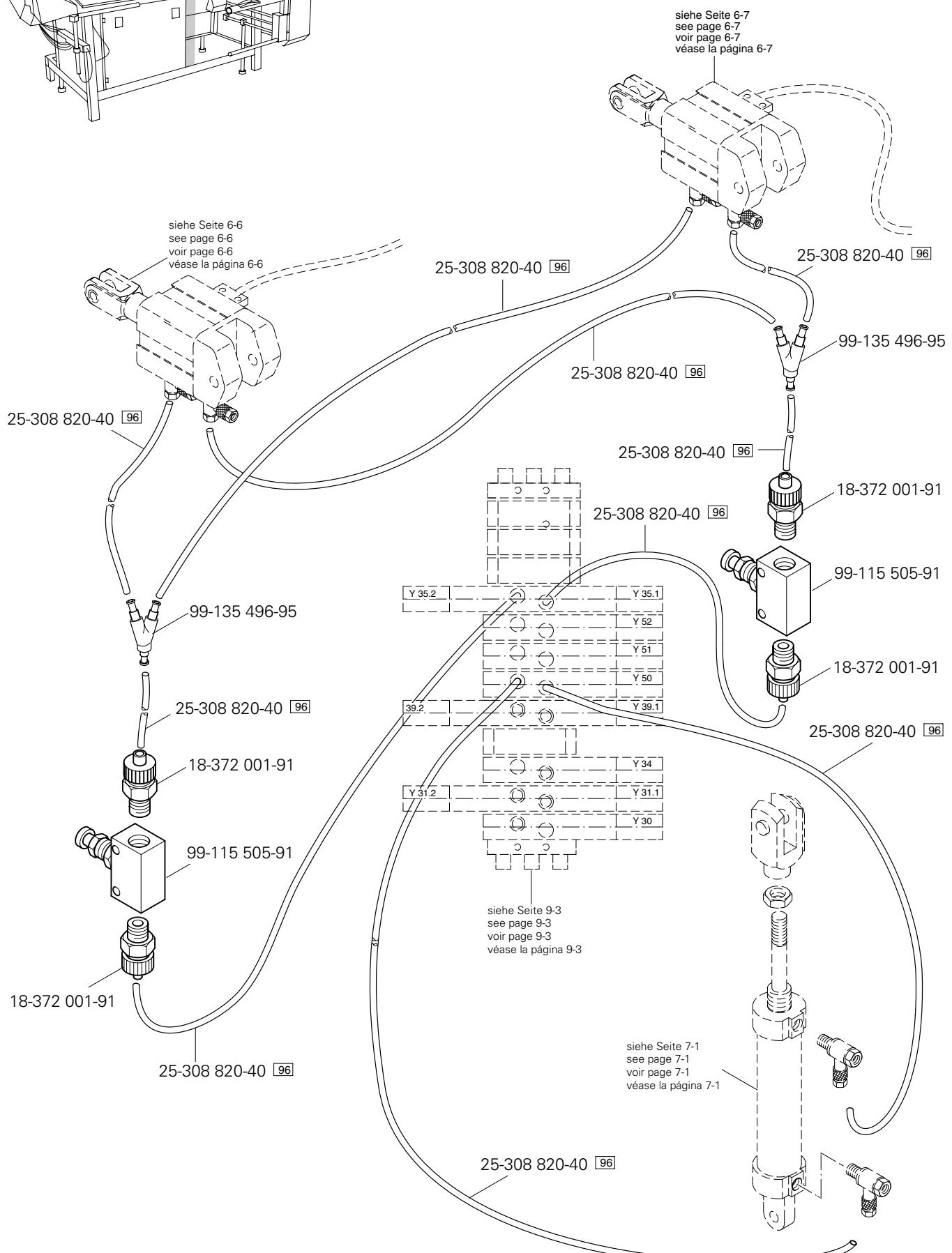
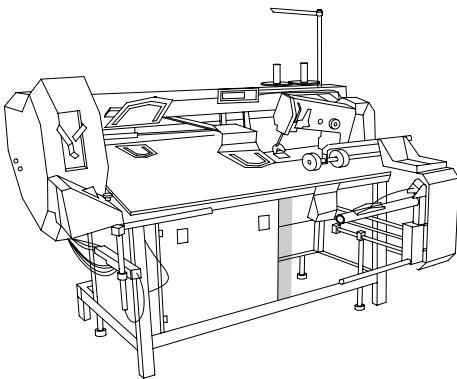
25-308 820-40 [96]

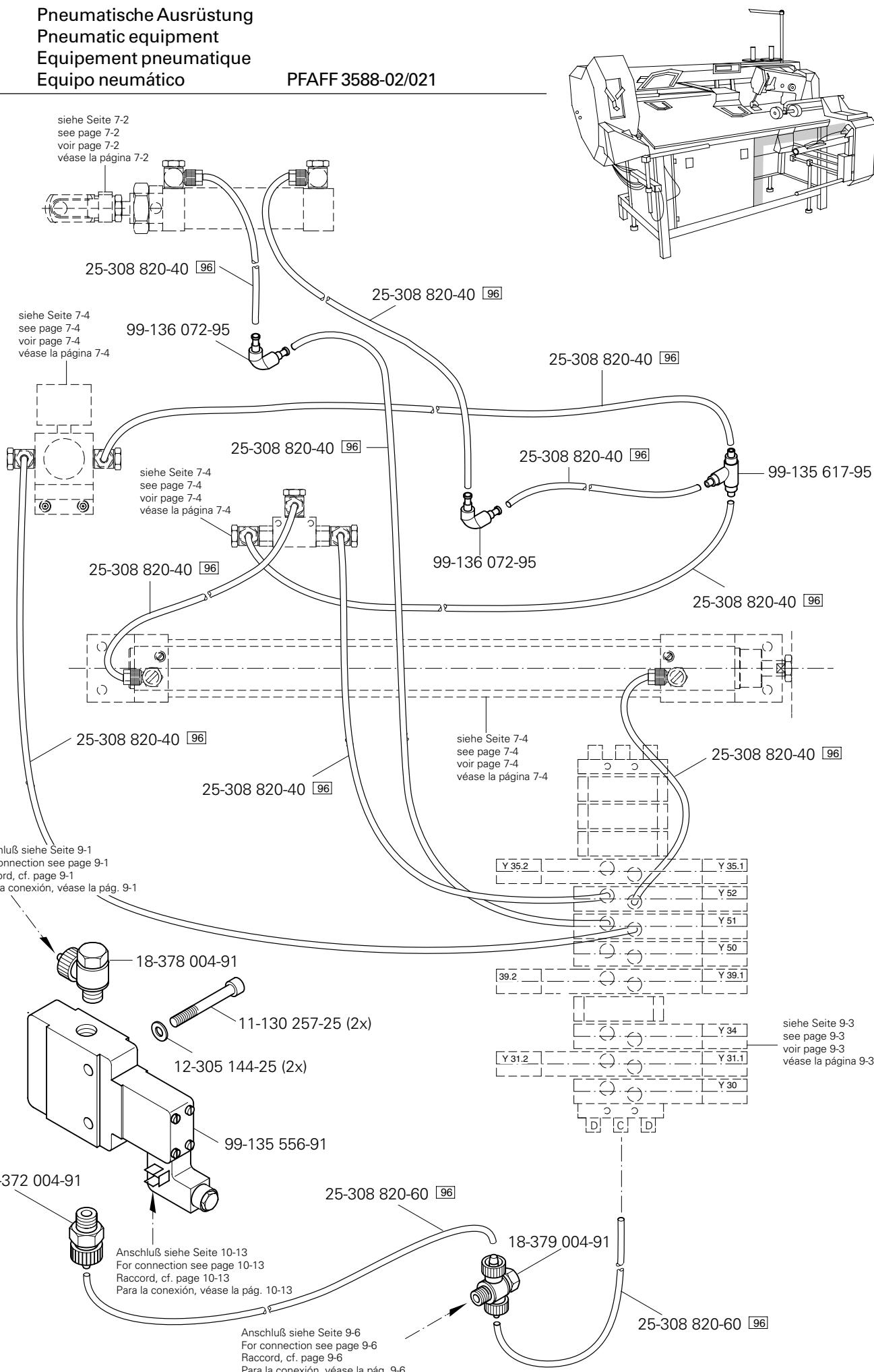


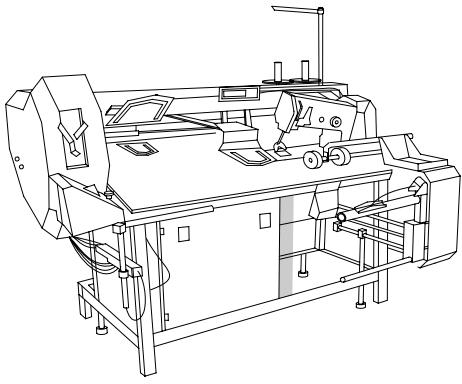
siehe Kapitel 2 Erläuterung der Schlüsselzeichen  
 see chapter 2 Explanation of key markings  
 voir le chap. 2 Explication des symboles  
 véase el Cap. 2 Explicaciones de los signos clave







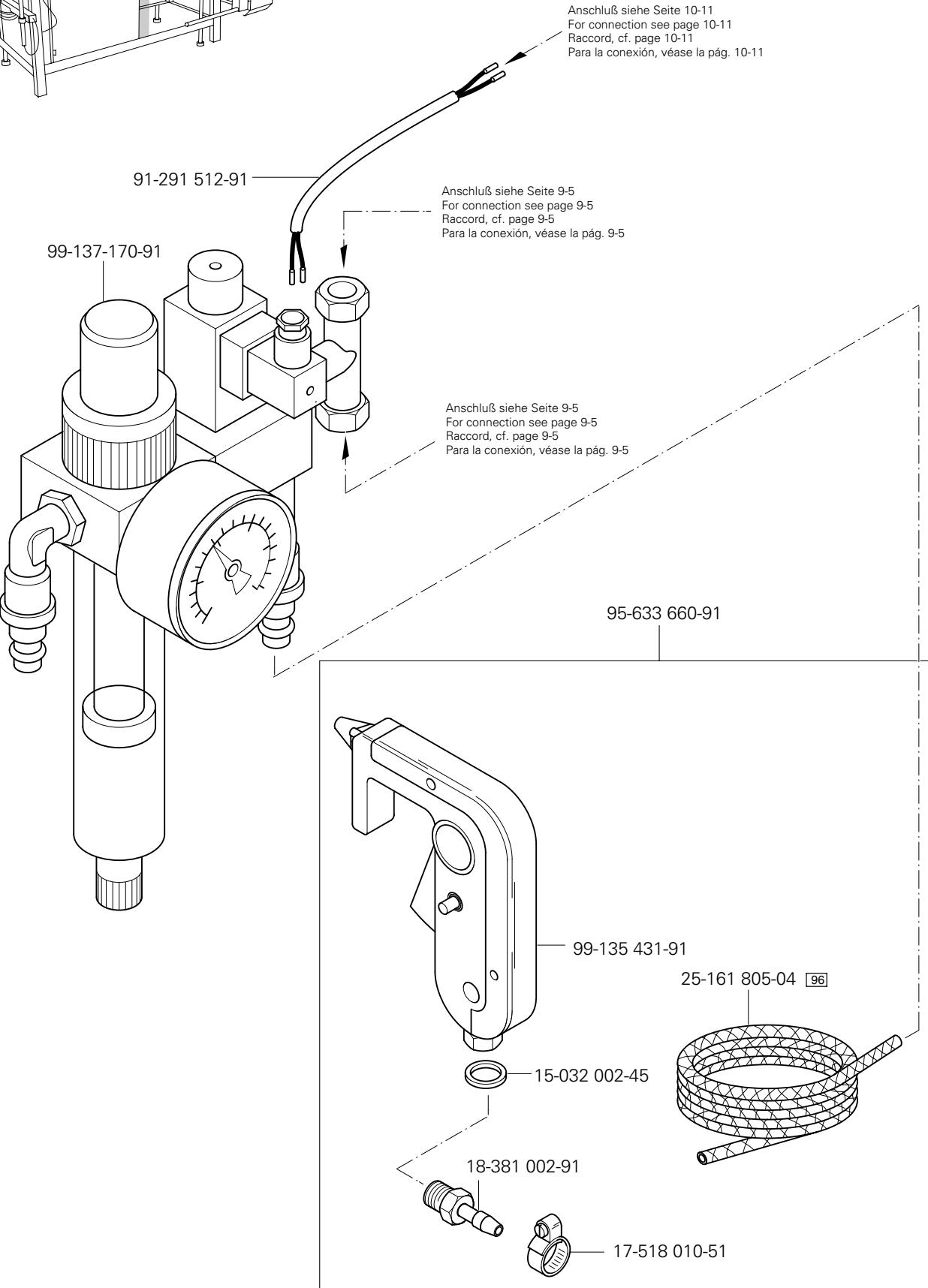




Pneumatische Ausrüstung  
Pneumatic equipment  
Equipement pneumatique  
Equipo neumático

PFAFF 3588-02/021

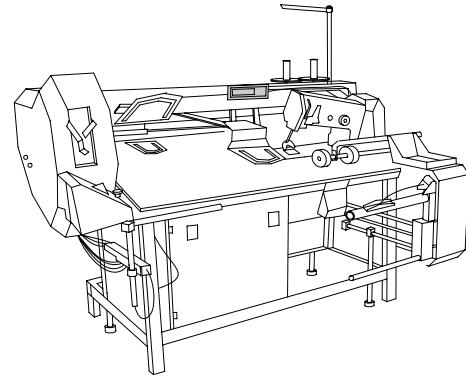
9



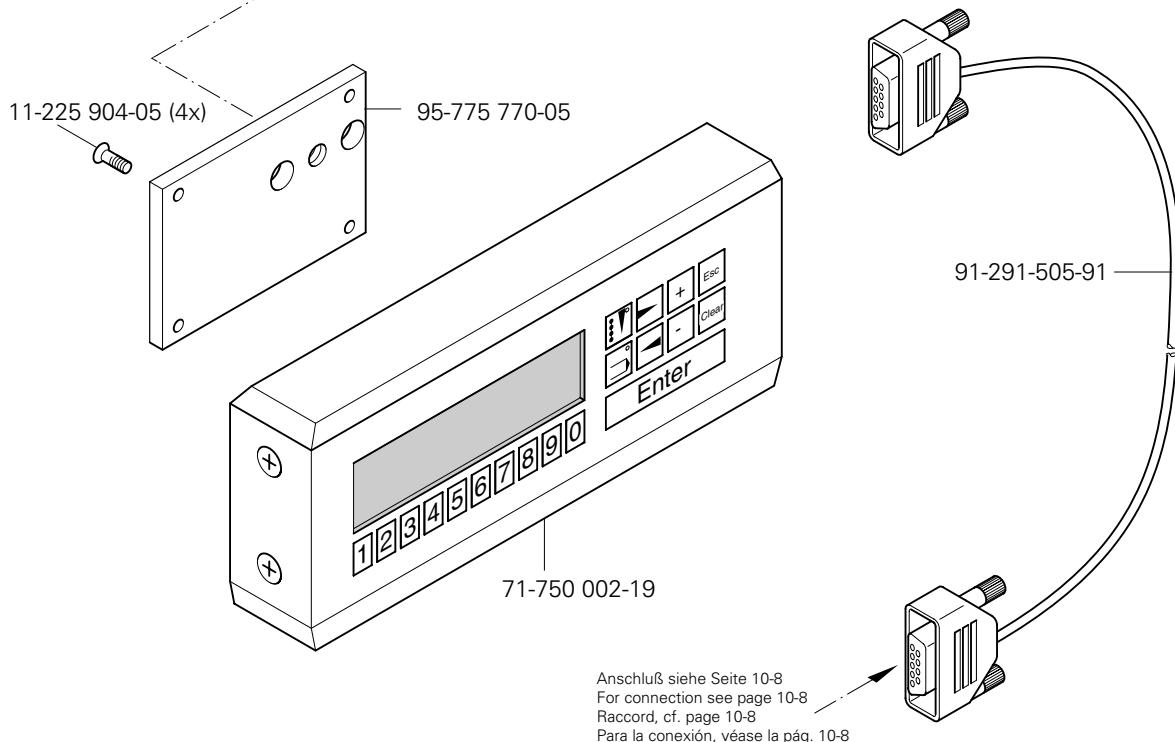
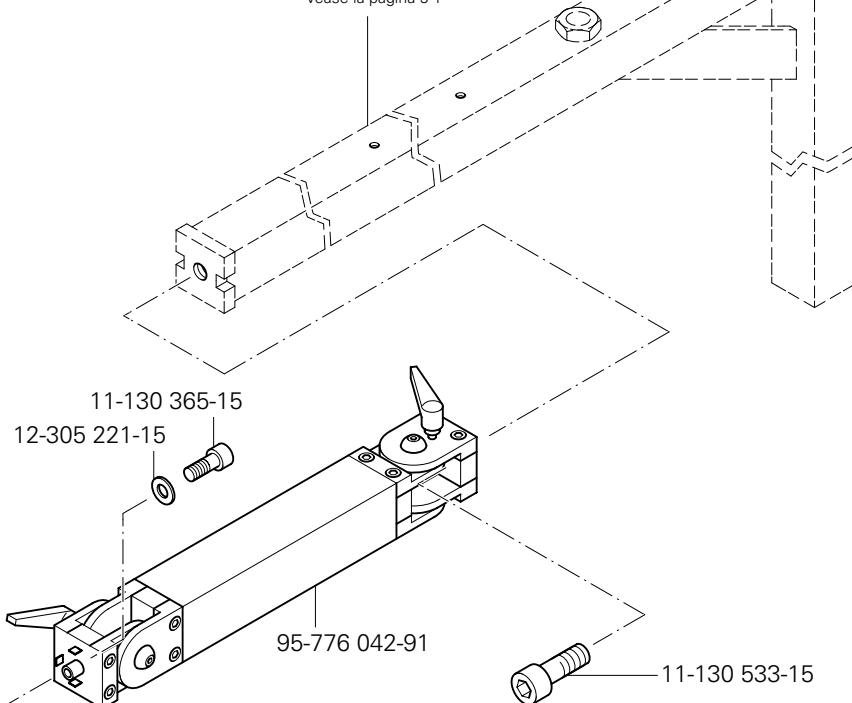
# 10.01

Bedienfeld  
Control panel  
Panneau de commande  
Panel de mandos

PFAFF 3588-02/021



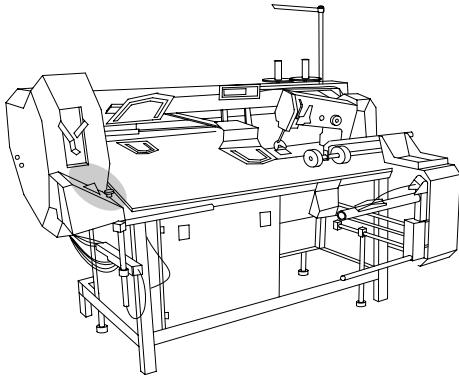
siehe Seite 5-1  
see page 5-1  
voir page 5-1  
véase la página 5-1



Anschluß siehe Seite 10-8  
For connection see page 10-8  
Raccord, cf. page 10-8  
Para la conexión, véase la pág. 10-8



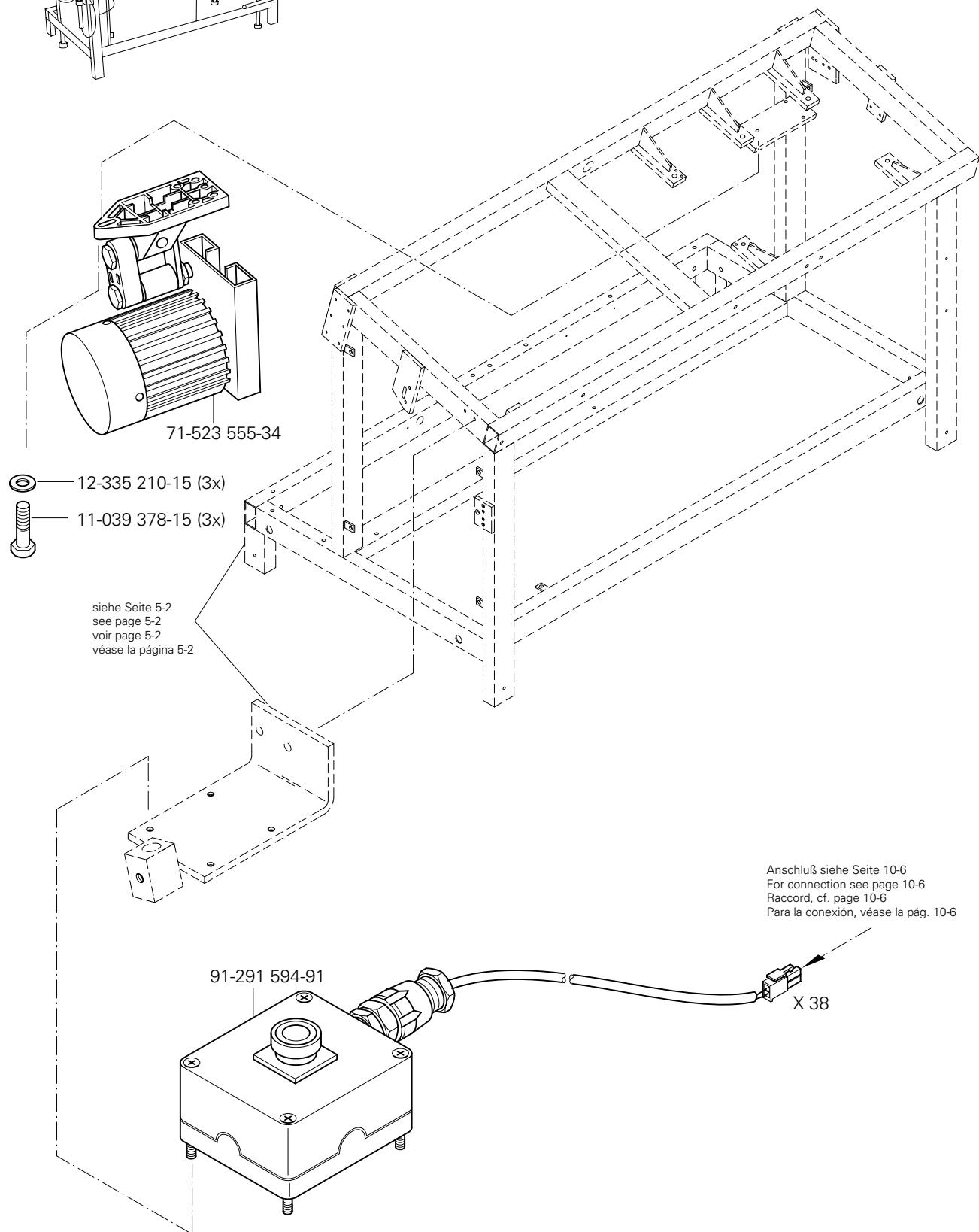
siehe Kapitel 2 Erläuterung der Schlüsselzeichen  
see chapter 2 Explanation of key markings  
voir le chap. 2 Explication des symboles  
véase el Cap. 2 Explicaciones de los signos clave

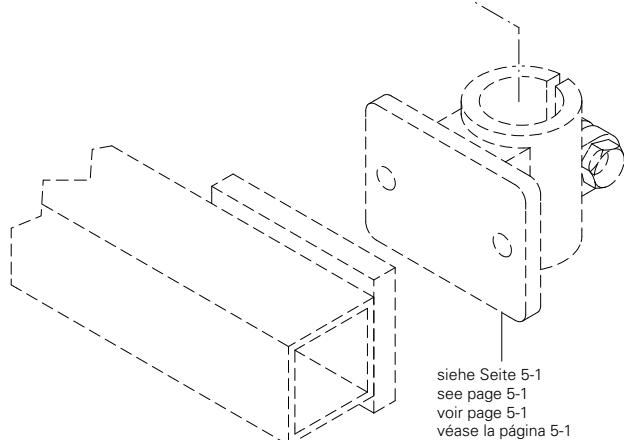
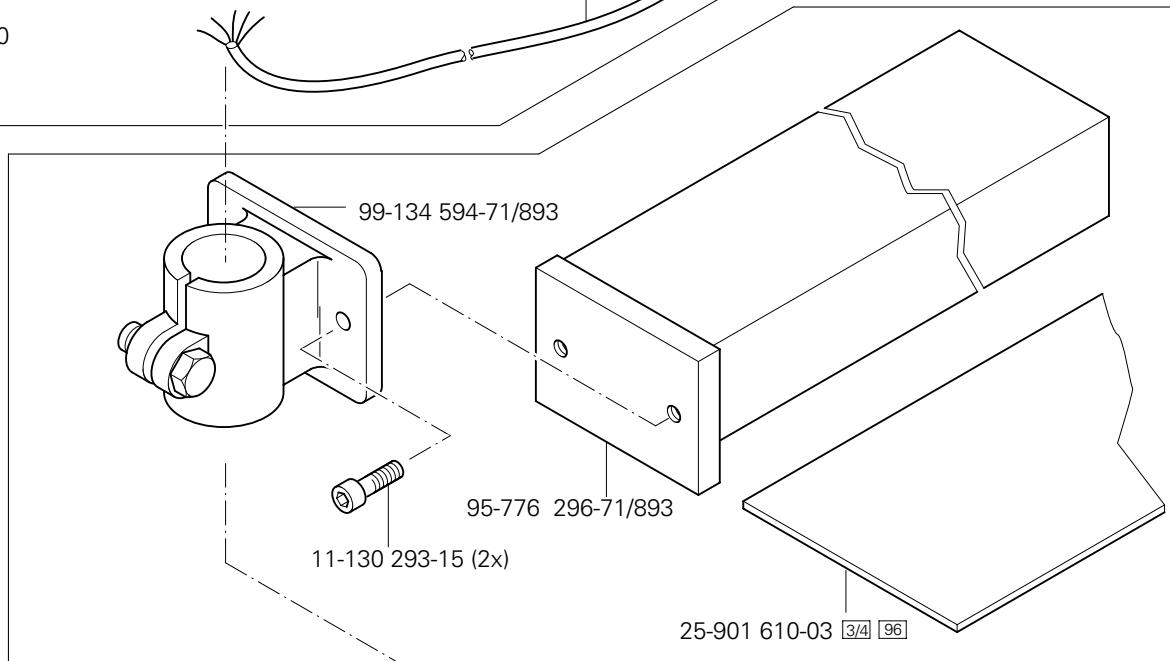
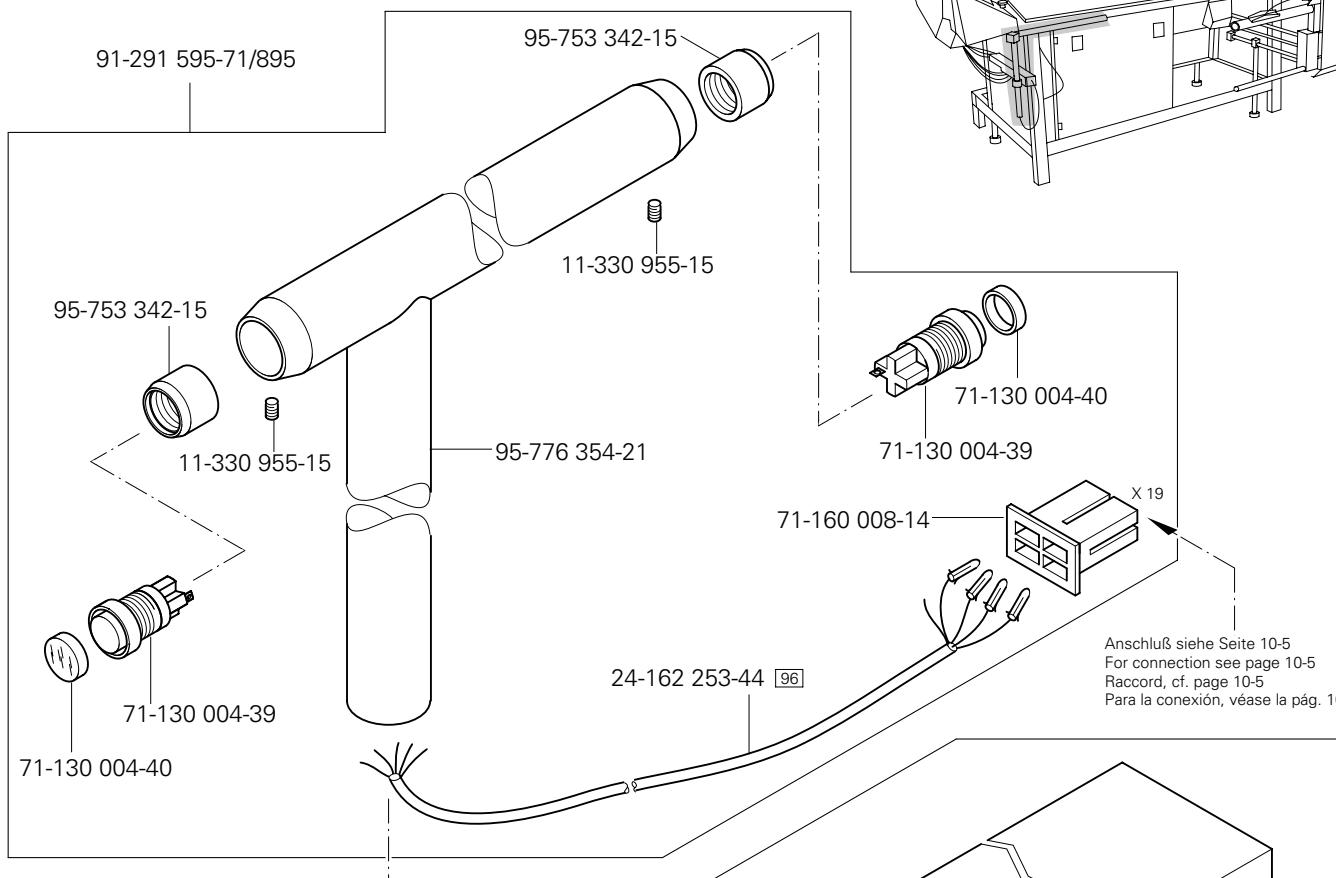
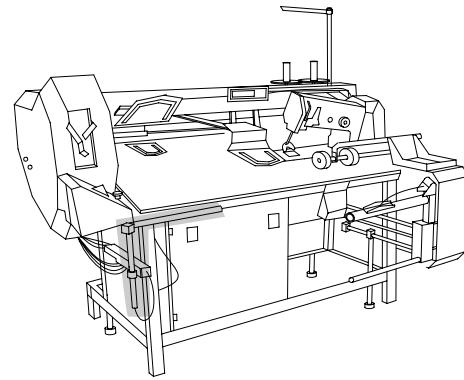


Notausschalter und Nähmotor  
Emergency shut-off and sewing motor  
Interrupteur d'arrêt d'urgence et moteur de machine à coudre  
Interruptor de emergencia y motor máquina de coser

PFAFF 3588-02/021

**10.02**

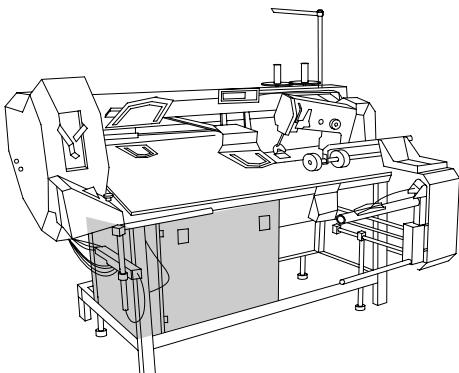




95-776 298-71/893



siehe Kapitel 2 Erläuterung der Schlüsselzeichen  
see chapter 2 Explanation of key markings  
voir le chap. 2 Explication des symboles  
véase el Cap. 2 Explicaciones de los signos clave

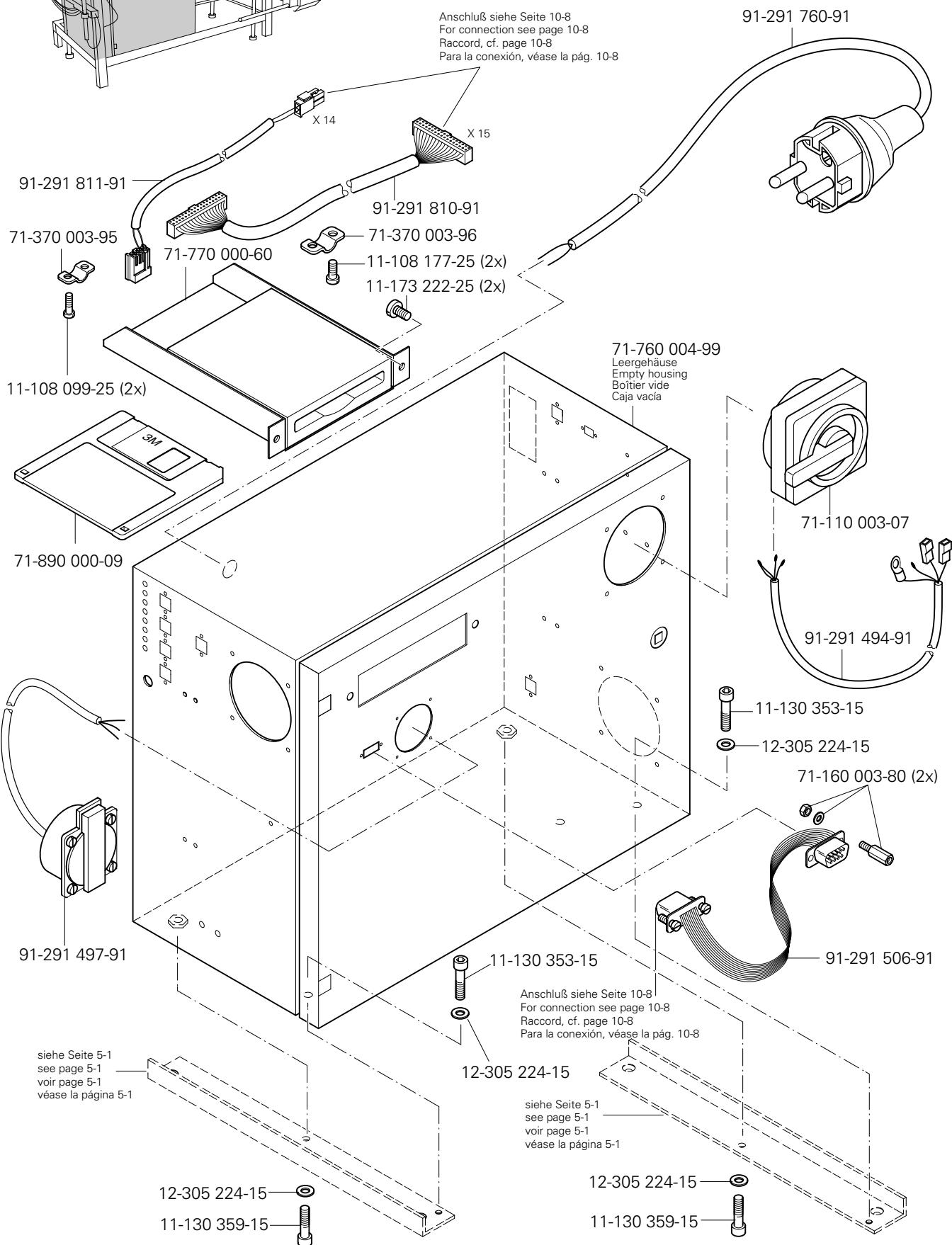


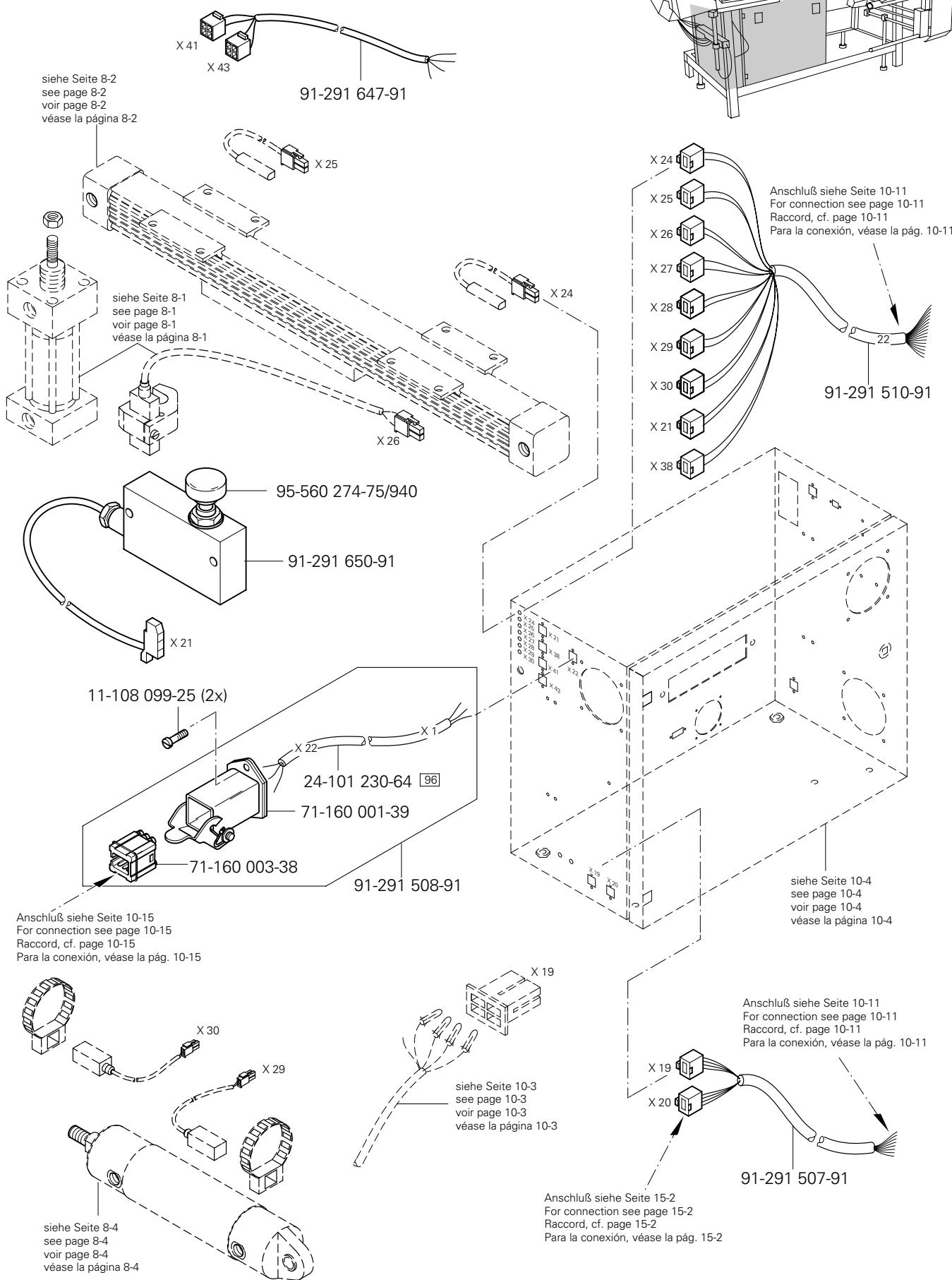
Steuergerät  
Control device  
Boîte de commande  
Caja de mandos

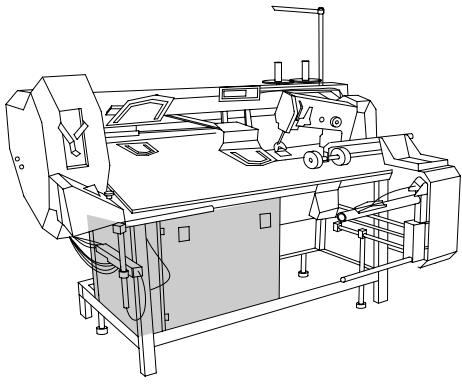
PFAFF 3588-02/021

10.04

Anschluß siehe Seite 10-8  
For connection see page 10-8  
Raccord, cf. page 10-8  
Para la conexión, véase la pág. 10-8







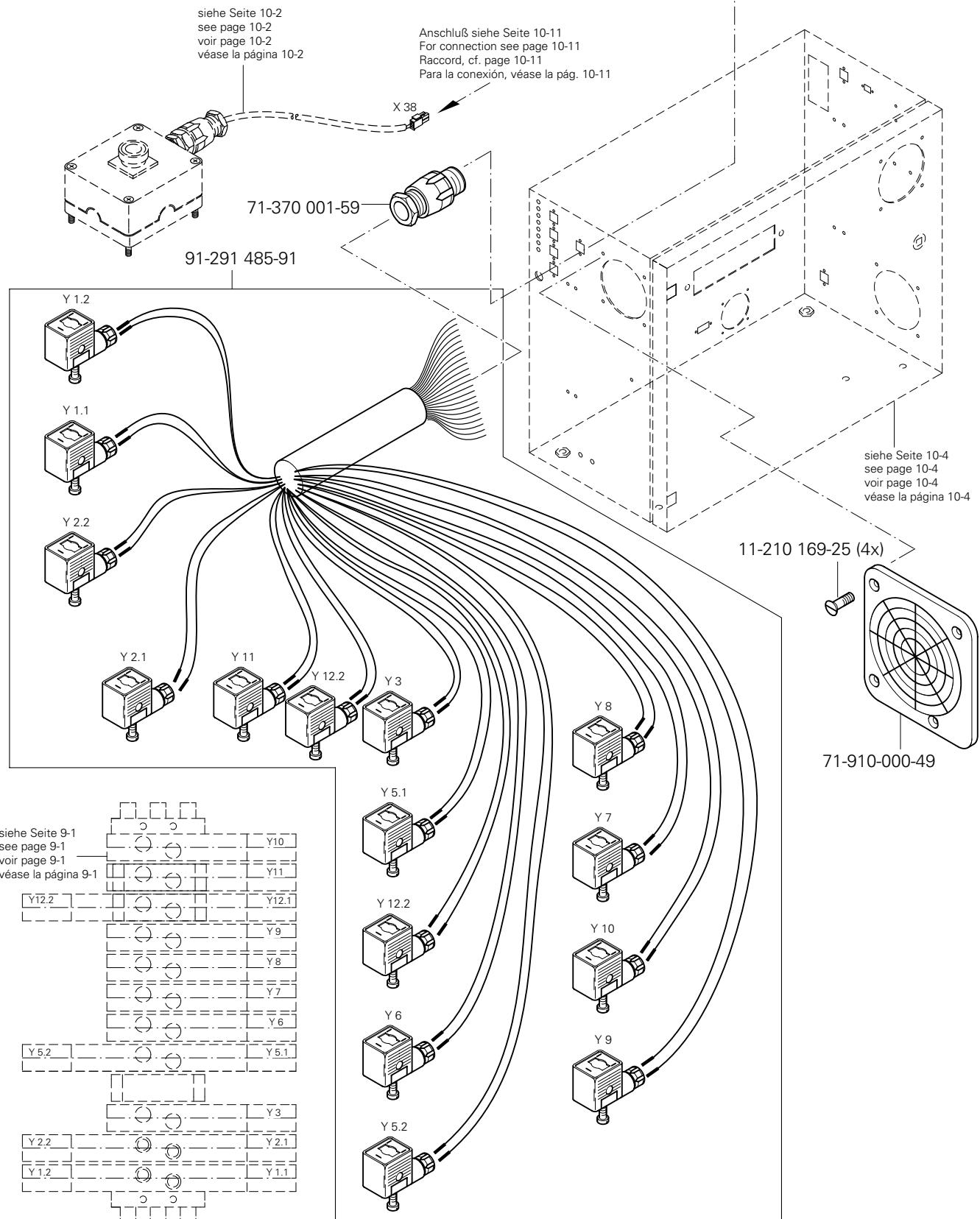
**Steuergerät  
Control device  
Boîte de commande  
Caja de mandos**

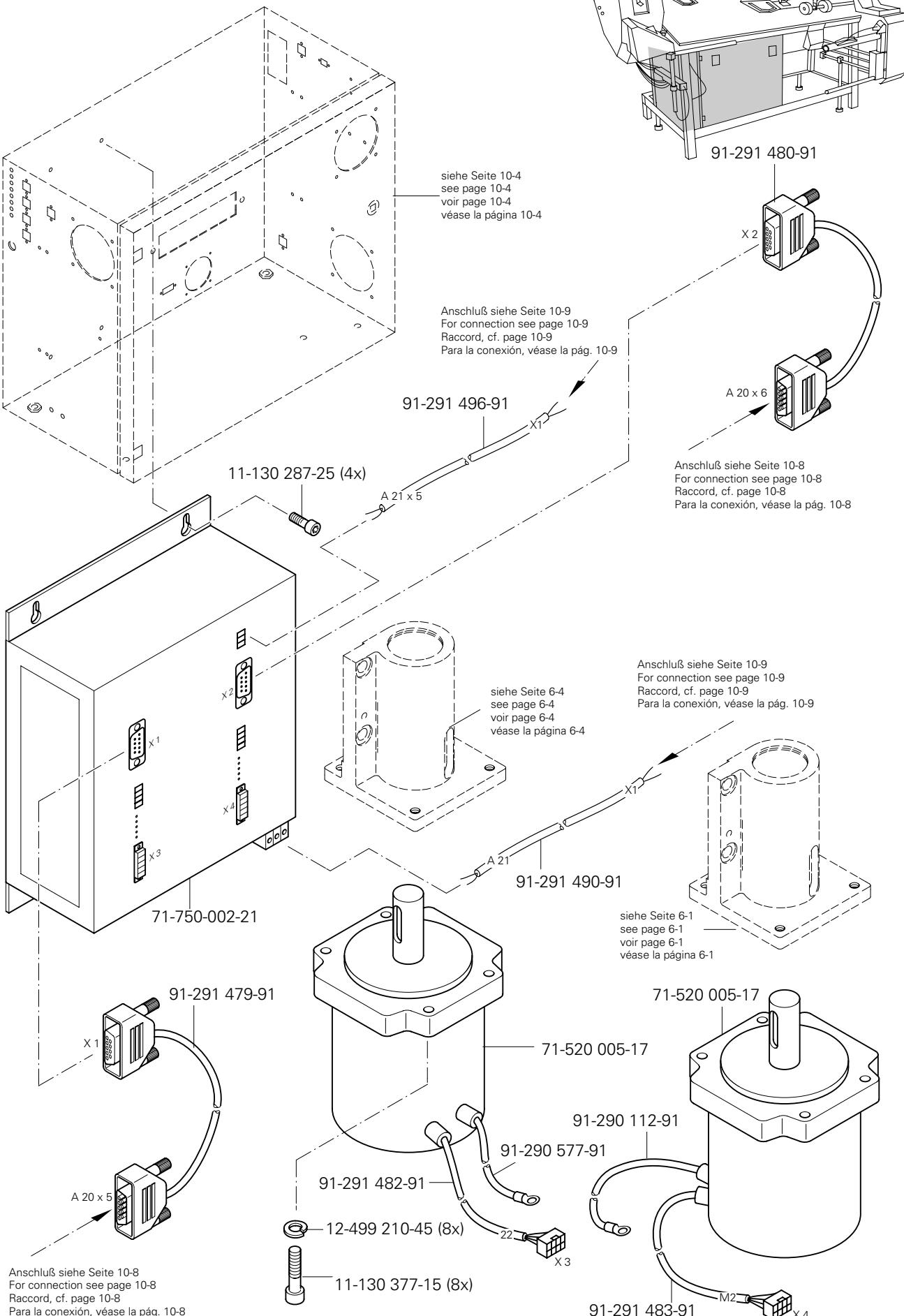
PFAFF 3588-02/021

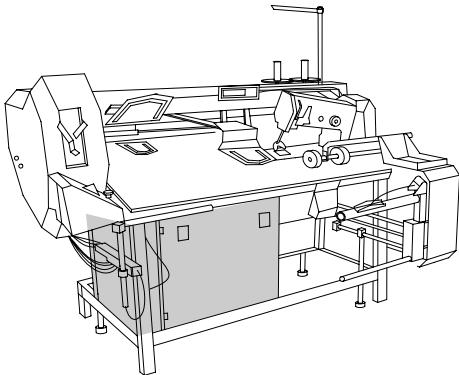
**10.04**

Anschluß siehe Seite 10-11  
For connection see page 10-11  
Raccord, cf. page 10-11  
Para la conexión, véase la págs. 10-11

71-370 001-75



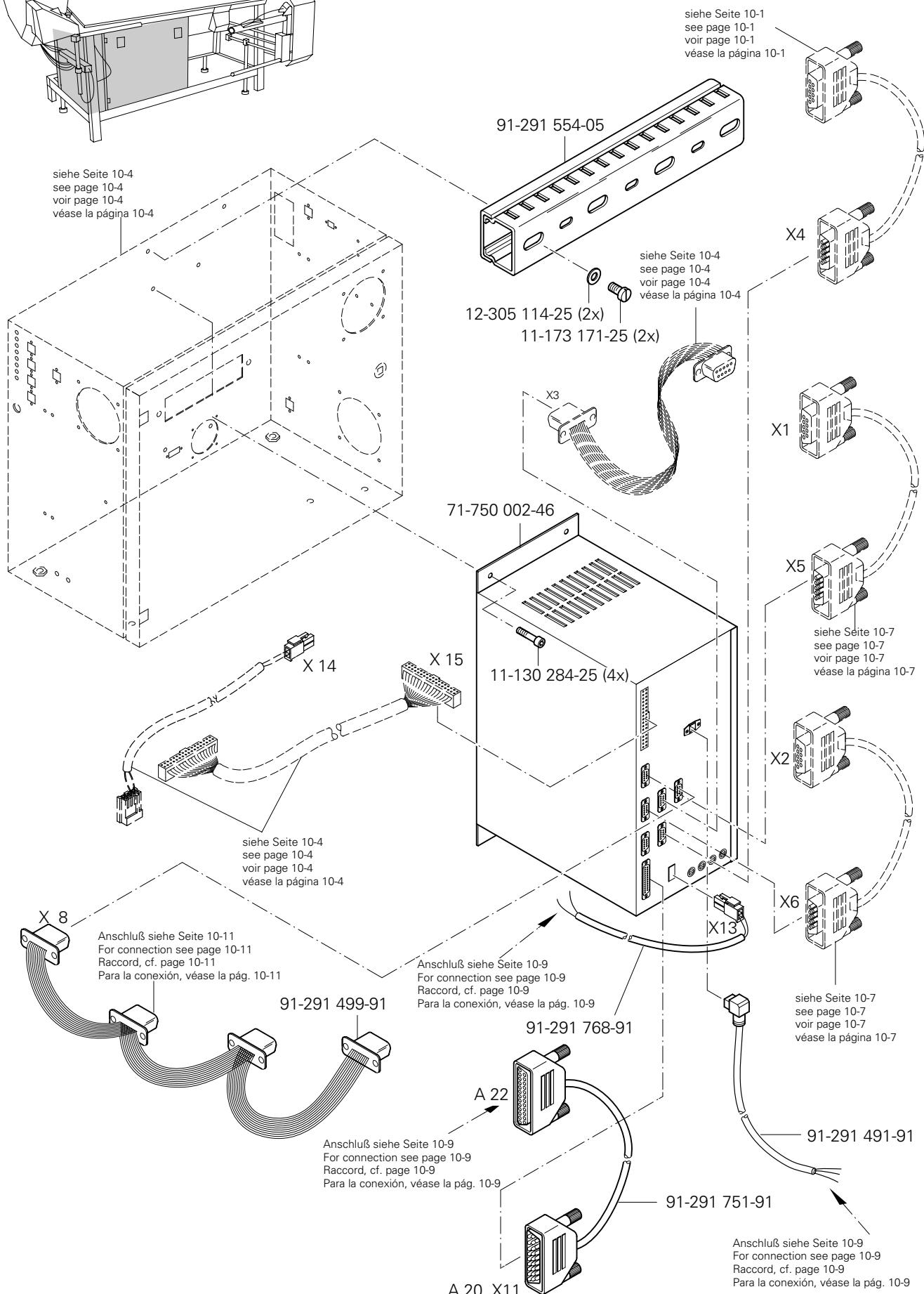


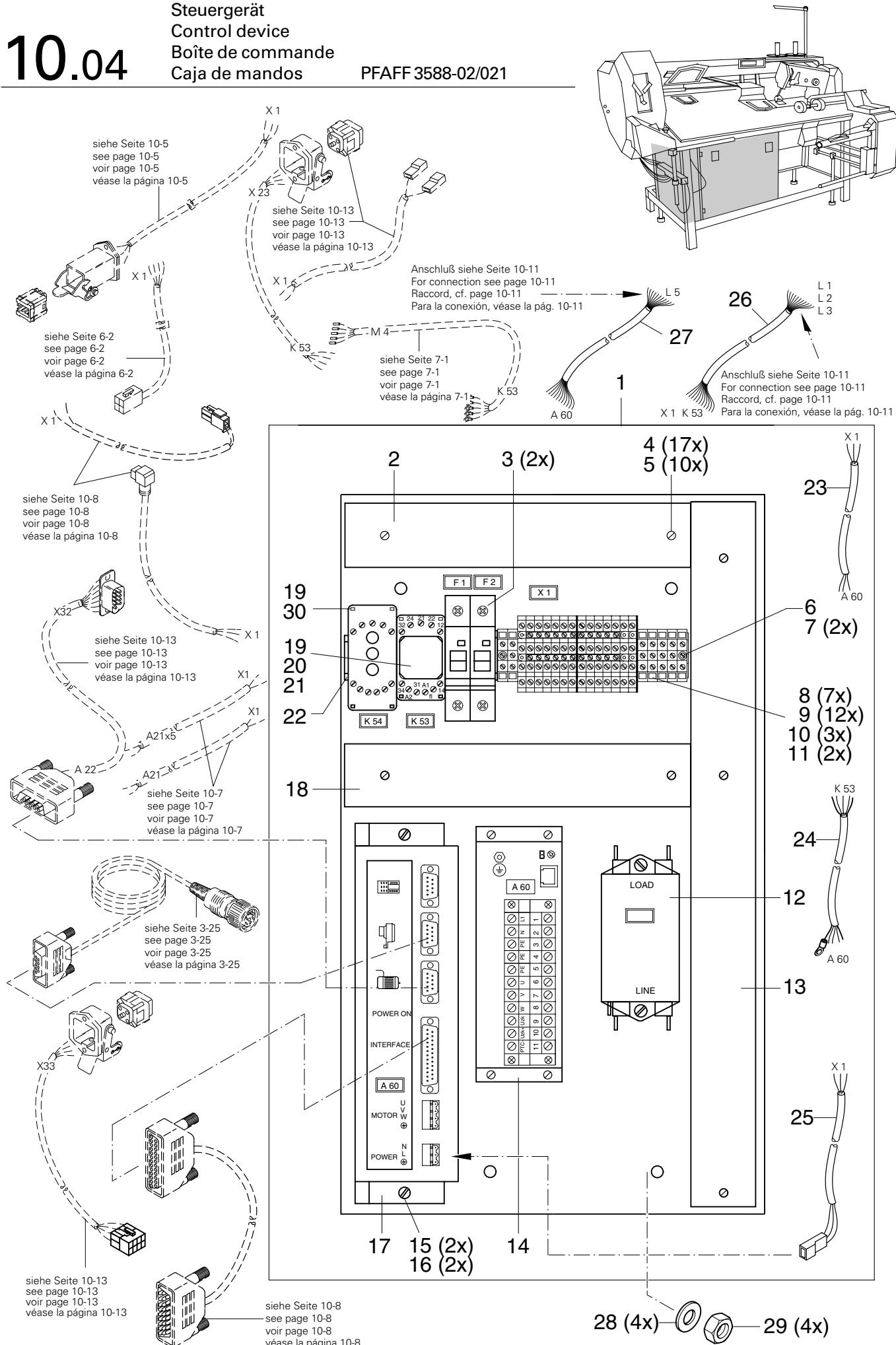


Steuergerät  
Control device  
Boîte de commande  
Caja de mandos

PFAFF 3588-02/021

10.04

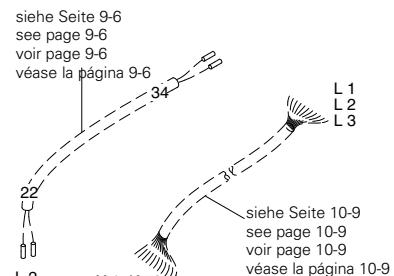
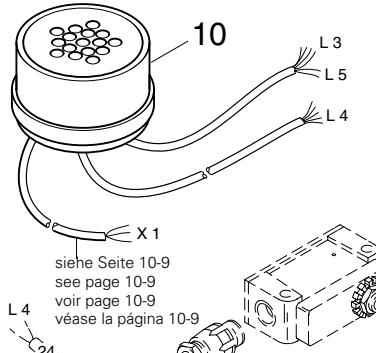
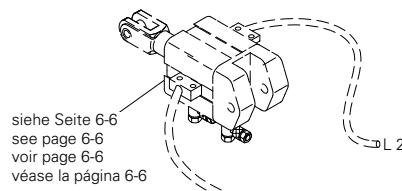
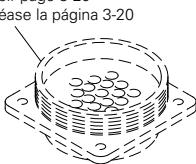




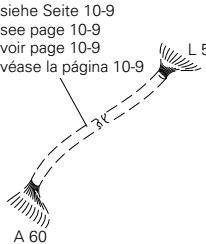
| Pos.-Nr.<br>Item No.<br>Nº pos.<br>Nº de pos. | Bestellnummer<br>Part number<br>Nº de commande<br>Nº de pedido | Teile-Benennung<br>Description<br>Désignation<br>Denominación  | Pos.-Nr.<br>Item No.<br>Nº pos.<br>Nº de pos. | Bestellnummer<br>Part number<br>Nº de commande<br>Nº de pedido | Teile-Benennung<br>Description<br>Désignation<br>Denominación                      |
|---|--|--|---|--|--|
| 1   | 91-291 515-91  | Montageplatte<br>Mounting plate<br>Plaque de montage<br>Placa de montaje                                       | 17  | 71-590 007-11  | Steuergerät P 200<br>Control unit<br>Appareil de commande<br>Aparato de mando      |
| 2   | 91-291 517-05  | Kabelkanal<br>Cable channel<br>Canal de câbles<br>Canal para cables  | 18  | 91-291 550-05  | Kabelkanal<br>Cable channel<br>Canal de câbles<br>Canal para cables                |
| 3   | 71-150 000-69  | Sicherungsautomat 1 pol. 16 A<br>Overload cutout, 1-pole<br>Couple-circuit 1 pôle<br>Fusible automático 1 polo | 19  | 71-190 001-18  | Relaisfassung<br>Relay holder<br>Douille du relais<br>Portarelés                   |
| 4   | 11-173 171-25  | Flachkopfschraube M4 x 6<br>Countersunk head screw<br>Vis à tête plate<br>Tornillo de cabeza plana             | 20  | 71-190 002-13  | Haltebügel<br>Retainer<br>Etrier de maintien<br>Estríbo de sujeción                |
| 5   | 12-512 111-25  | Scheibe A4,3<br>Washer<br>Rondelle<br>Arandela   | 21  | 71-190 000-60  | Relais 24V<br>Relay<br>Relais<br>Relé  |
| 6   | 91-291 674-45  | Tragschiene<br>Support rail<br>Réglette de bornes<br>Regleta portabornes                                       | 22  | 91-291 516-05  | Trageschiene<br>Support rail<br>Réglette de bornes<br>Regleta portabornes          |
| 7   | 11-210 165-15  | Senkschraube M4 x 6<br>Countersunk screw<br>Vis à tête noyée<br>Tornillo avellanado                            | 23  | 91-291 511-91  | Leitung<br>Tube<br>Tuyau<br>Tubo   |
| 8   | 71-210 002-21  | Schutzleiterklemme<br>Ground wire terminal<br>Borne de terre<br>Borne de puesta a tierra                       | 24  | 91-291 489-91  | Leitung<br>Tube<br>Tuyau<br>Tubo   |
| 9   | 71-210 002-52  | Anreihklemme<br>Terminal strip<br>Borne enfilable<br>Borne   | 25  | 91-291 492-91  | Leitung<br>Tube<br>Tuyau<br>Tubo   |
| 10  | 71-210 002-50  | Abschlußplatte<br>Cover<br>Plaque de fermeture<br>Tapa   | 26  | 91-291 498-91  | Leitung<br>Tube<br>Tuyau<br>Tubo   |
| 11  | 71-210 002-40  | Verbindungssteg<br>Connector<br>Barrette de jonction<br>Clavija de unión                                       | 27  | 91-291 487-91  | Leitung<br>Tube<br>Tuyau<br>Tubo   |
| 12  | 71-480 000-12  | Entstörfilter<br>Suppressor<br>Filtre antiparasites<br>Filtro antiparásito                                     | 28  | 12-512 220-05  | Scheibe A8,4<br>Washer<br>Rondelle<br>Arandela                                     |
| 13  | 91-291 549-05  | Kabelkanal<br>Cable channel<br>Canal de câbles<br>Canal para cables  | 29  | 12-005 215-15  | Sechskantmutter M8<br>Hexagon nut<br>Ecrou à six pans<br>Tuerca hexagonal          |
| 14  | 91-291 586-93/001  | Frequenzumrichter<br>Frequency converter<br>Changeur de fréquence<br>Convertidor de frecuencias                | 30  | 71-710 000-82  | Grenzwertmelder<br>Limit indicator<br>Indicateur de valeur<br>Indicador valor lim. |
| 15  | 11-130 299-25  | Zylinderschraube M6 x 20<br>Pan-head screw<br>Vis à tête cylindrique<br>Tornillo cilíndrico                    |   |  |  |
| 16  | 12-510 170-25  | Scheibe A6,4<br>Washer<br>Rondelle<br>Arandela   |   |  |  |



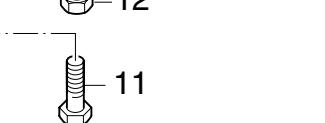
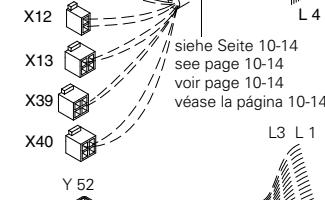
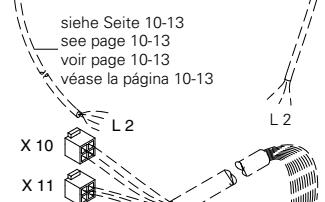
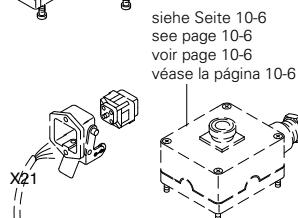
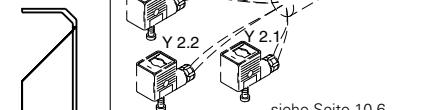
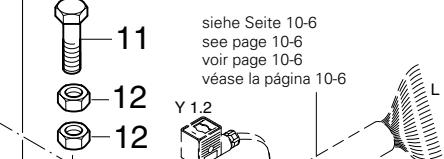
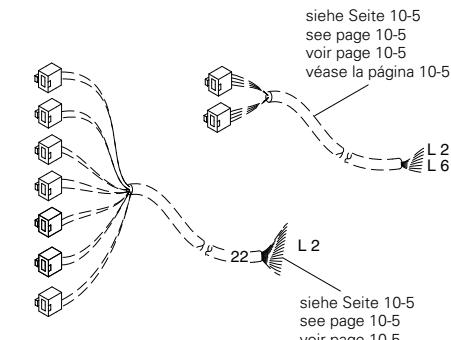
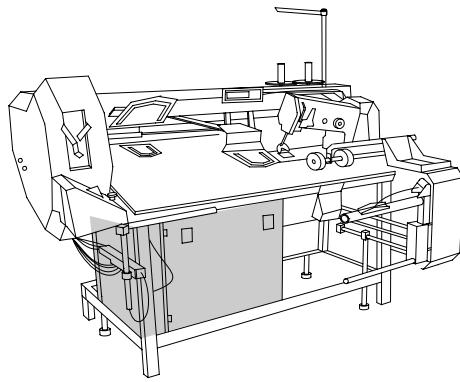
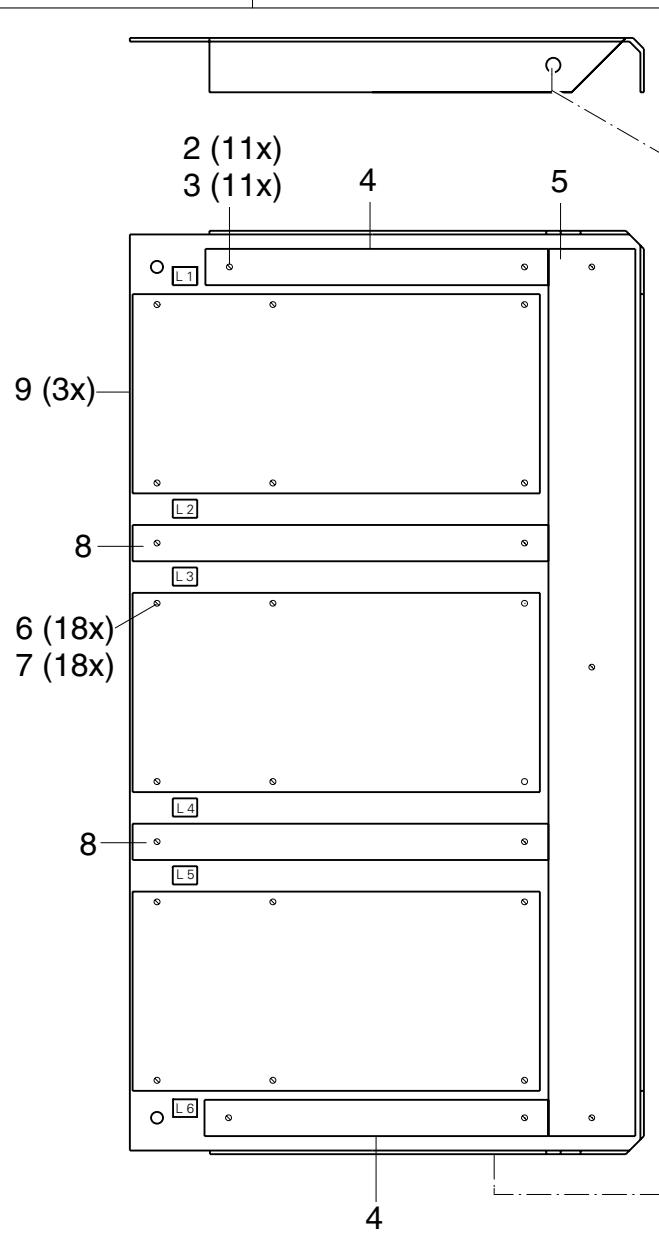
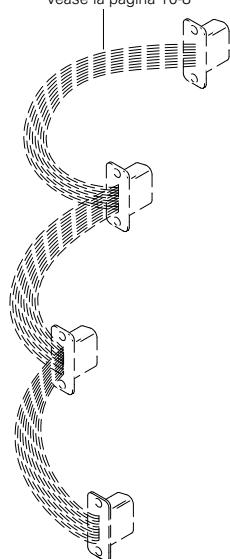
siehe Seite 3-20  
see page 3-20  
voir page 3-20  
véase la página 3-20



siehe Seite 7-6  
see page 7-6  
voir page 7-6  
véase la página 7-6



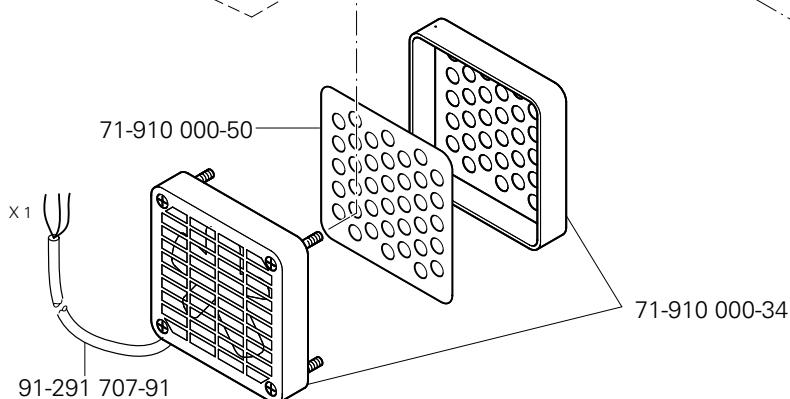
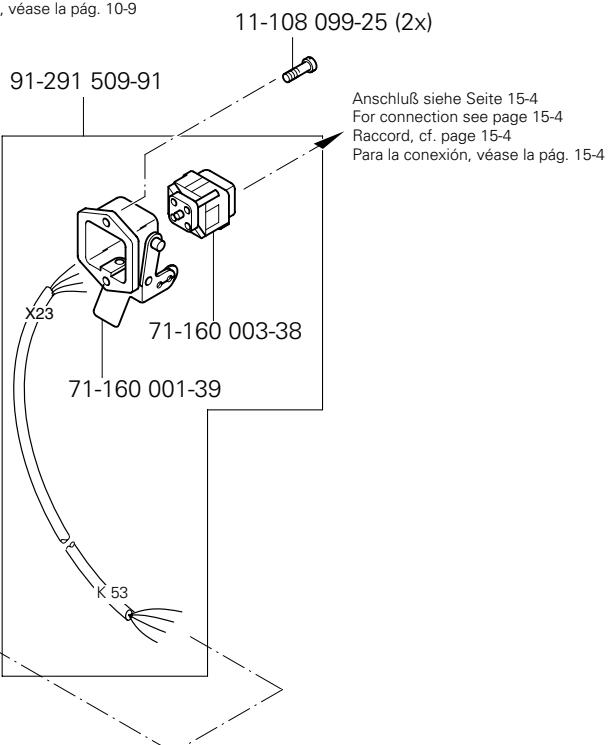
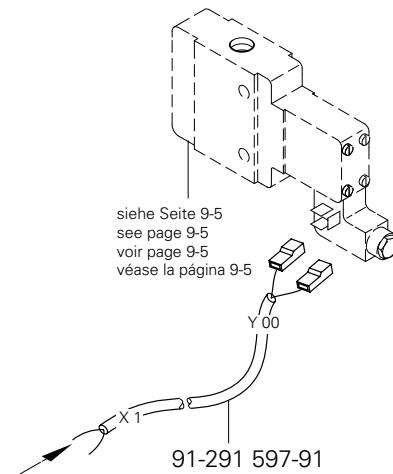
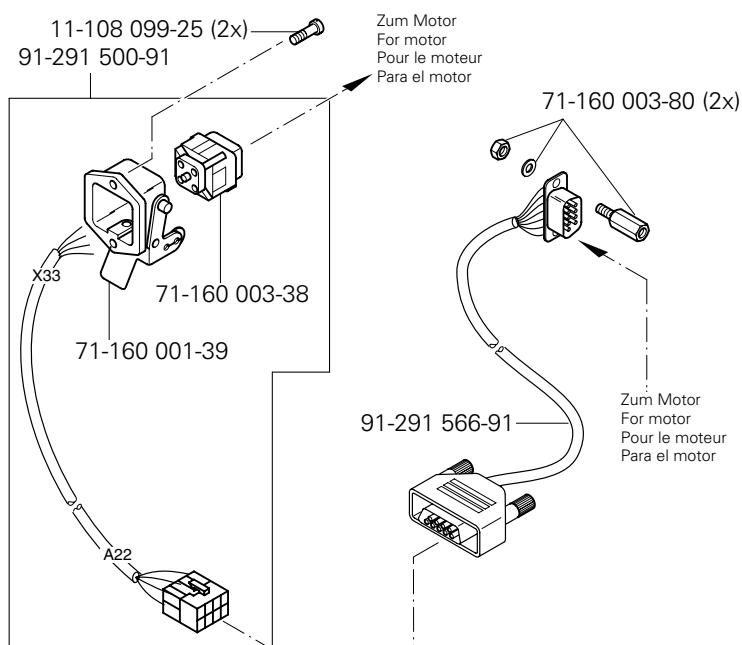
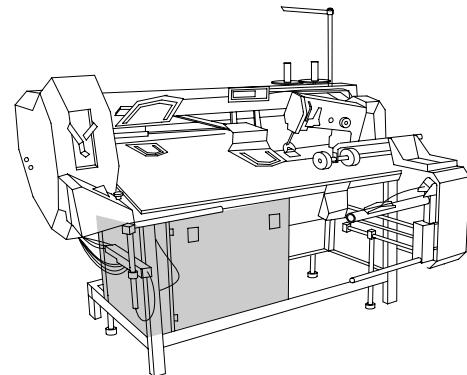
siehe Seite 10-8  
see page 10-8  
voir page 10-8  
véase la página 10-8

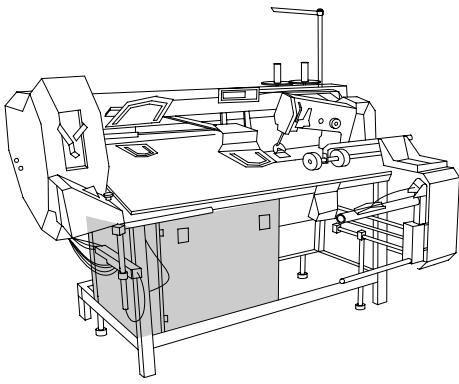


siehe Kapitel 2 Erläuterung der Schlüsselzeichen  
see chapter 2 Explanation of key markings  
voir le chap. 2 Explication des symboles  
véase el Cap. 2 Explicaciones de los signos clave

| Pos.-Nr.<br>Item No.<br>Nº pos.<br>Nº de pos. | Bestellnummer<br>Part number<br>Nº de commande<br>Nº de pedido | Teile-Benennung<br>Description<br>Désignation<br>Denominación   | Pos.-Nr.<br>Item No.<br>Nº pos.<br>Nº de pos. | Bestellnummer<br>Part number<br>Nº de commande<br>Nº de pedido | Teile-Benennung<br>Description<br>Désignation<br>Denominación |
|---|--|---|---|--|---|
| 1   | 91-291 514-91  | Montageplatte<br>Mounting plate<br>Plaque de montage<br>Placa de montaje  |   |  |   |
| 2   | 11-173 171-25  | Flachkopfschraube M4 x 6<br>Countersunk head screw<br>Vis à tête plate<br>Tornillo de cabeza plana                |   |  |   |
| 3   | 12-305 114-15  | Scheibe A4,3<br>Washer<br>Rondelle<br>Arandela  |   |  |   |
| 4   | 91-291 552-05  | Kabelkanal<br>Cable channel<br>Canal de câbles<br>Canal para cables   |   |  |   |
| 5   | 91-291 551-05  | Kabelkanal<br>Cable channel<br>Canal de câbles<br>Canal para cables   |   |  |   |
| 6   | 11-108 093-25  | Zylinderschraube M3 x 6<br>Pan-head screw<br>Vis à tête cylindrique<br>Tornillo cilíndrico                        |   |  |   |
| 7   | 11-724 190-55  | Abstandsbolzen M3 x 25<br>Spacing stud<br>Boulon d'écartement<br>Perno distaciador                                |   |  |   |
| 8   | 91-291 553-05  | Kabelkanal<br>Cable channel<br>Canal de câbles<br>Canal para cables   |   |  |   |
| 9   | 91-291 362-93/001  | Bestückte Leiterplatte DX 353<br>Solid state circuit board<br>Carte imprimée équipée<br>Placa de circuito impreso |   |  |   |
| 10  | 91-291 503-91  | Leitung<br>Tube<br>Tuyau<br>Tubo  |   |  |   |
| 11  | 11-039 354-15  | Sechskantschraube M8 x 12<br>Hexagon screw<br>Vis à six pans<br>Tornillo hexagonal                                |   |  |   |
| 12  | 12-005 215-15  | Sechskantmutter M8<br>Hexagon nut<br>Ecrou à six pans<br>Tuerca hexagonal   |   |  |   |



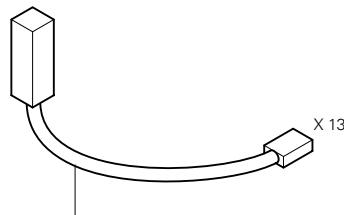




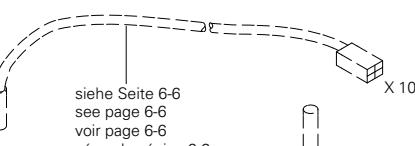
**Steuergerät  
Control device  
Boîte de commande  
Caja de mandos**

PFAFF 3588-02/021

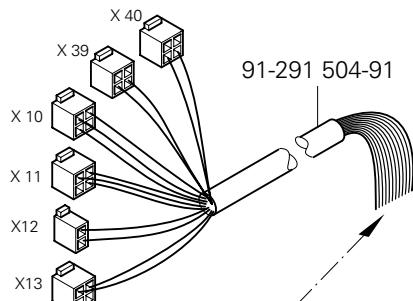
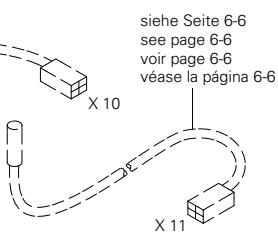
**10.04**



siehe Seite 7-1  
see page 7-1  
voir page 7-1  
véase la página 7-1

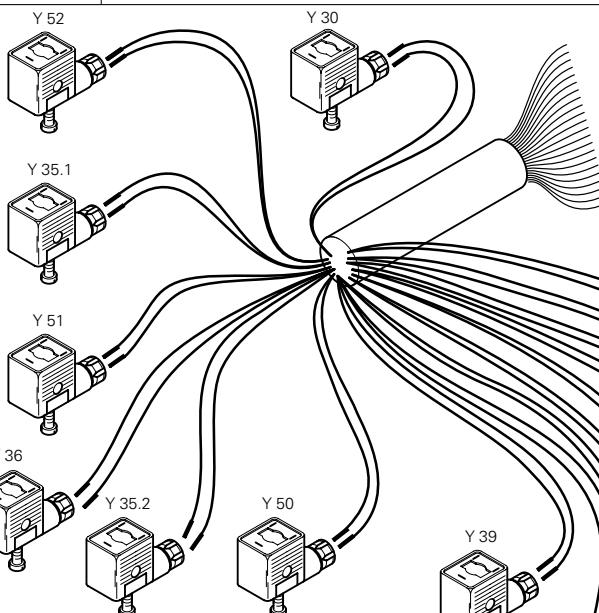


siehe Seite 6-6  
see page 6-6  
voir page 6-6  
véase la página 6-6

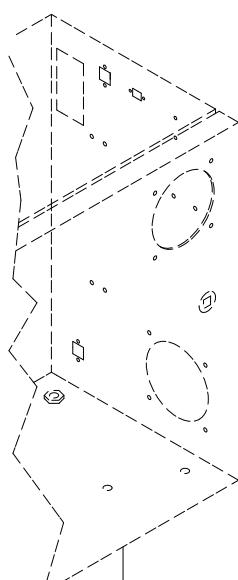


Anschluß siehe Seite 10-11  
For connection see page 10-11  
Raccord, cf. page 10-11  
Para la conexión, véase la págs. 10-11

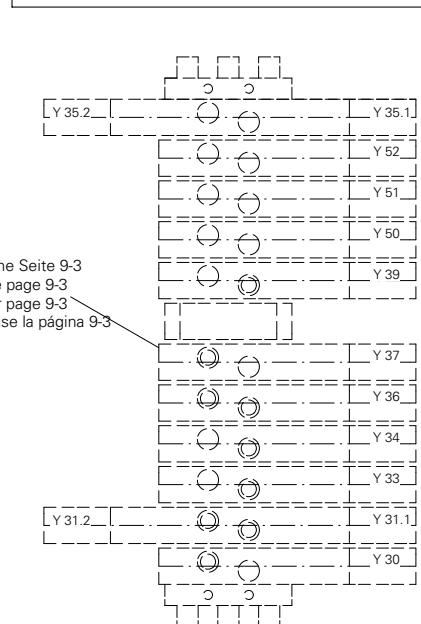
91-291 484-91



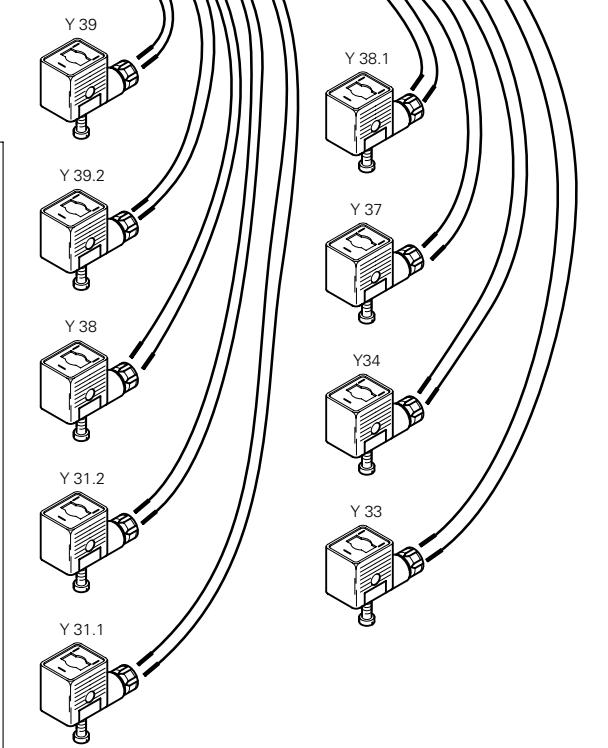
Anschluß siehe Seite 10-11  
For connection see page 10-11  
Raccord, cf. page 10-11  
Para la conexión, véase la págs. 10-11



siehe Seite 10-4  
see page 10-4  
voir page 10-4  
véase la página 10-4



siehe Seite 9-3  
see page 9-3  
voir page 9-3  
véase la página 9-3



siehe Kapitel 2 Erläuterung der Schlüsselzeichen  
see chapter 2 Explanation of key markings  
voir le chap. 2 Explication des symboles  
véase el Cap. 2 Explicaciones de los signos clave

# 10.05

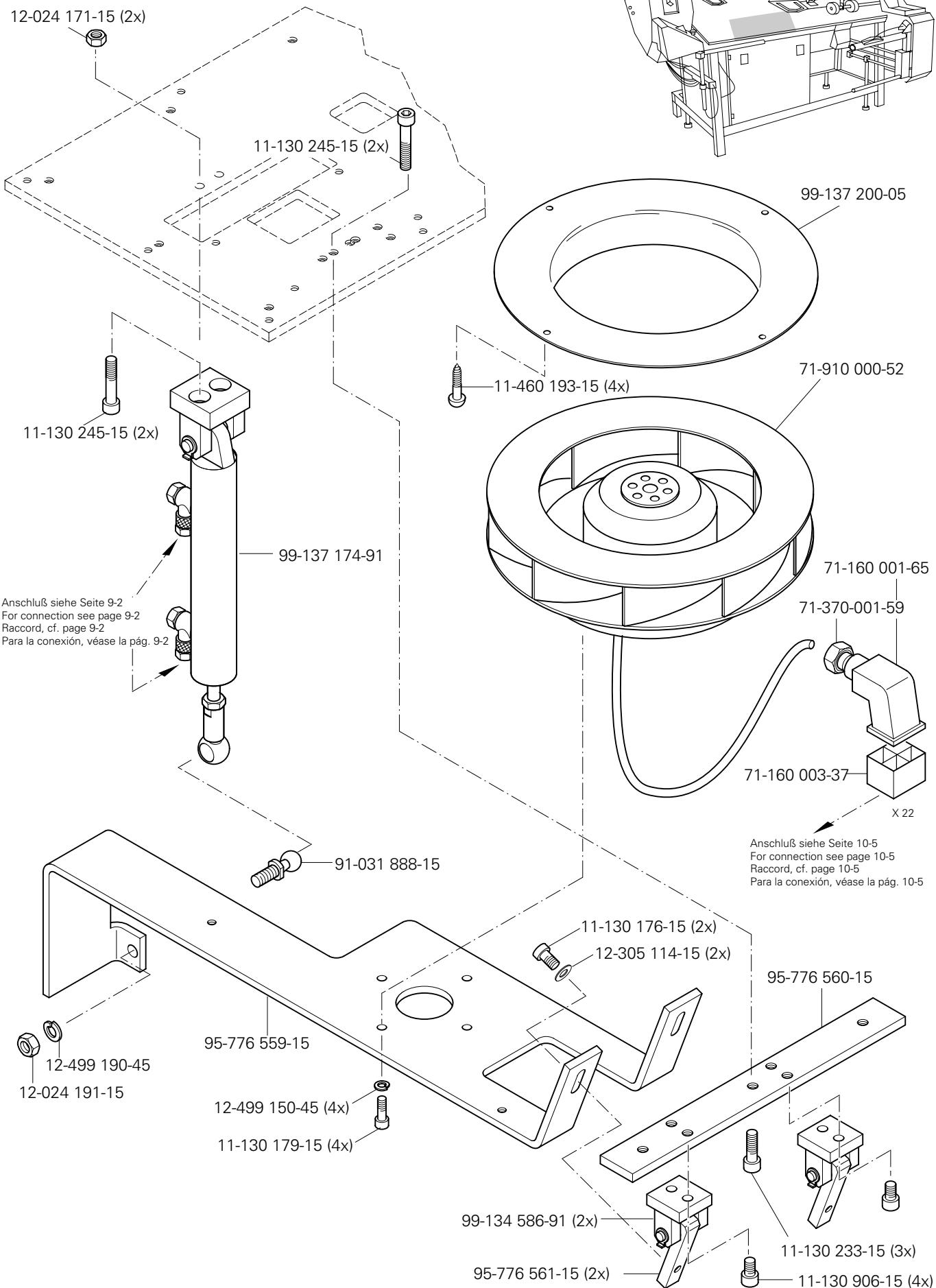
Saugeinrichtung

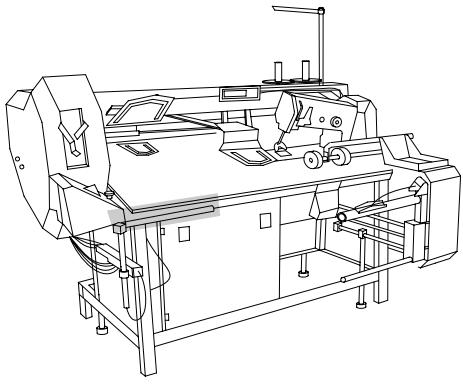
Vacuum system

Dispositif d'aspiration

Dispositivo de aspiración

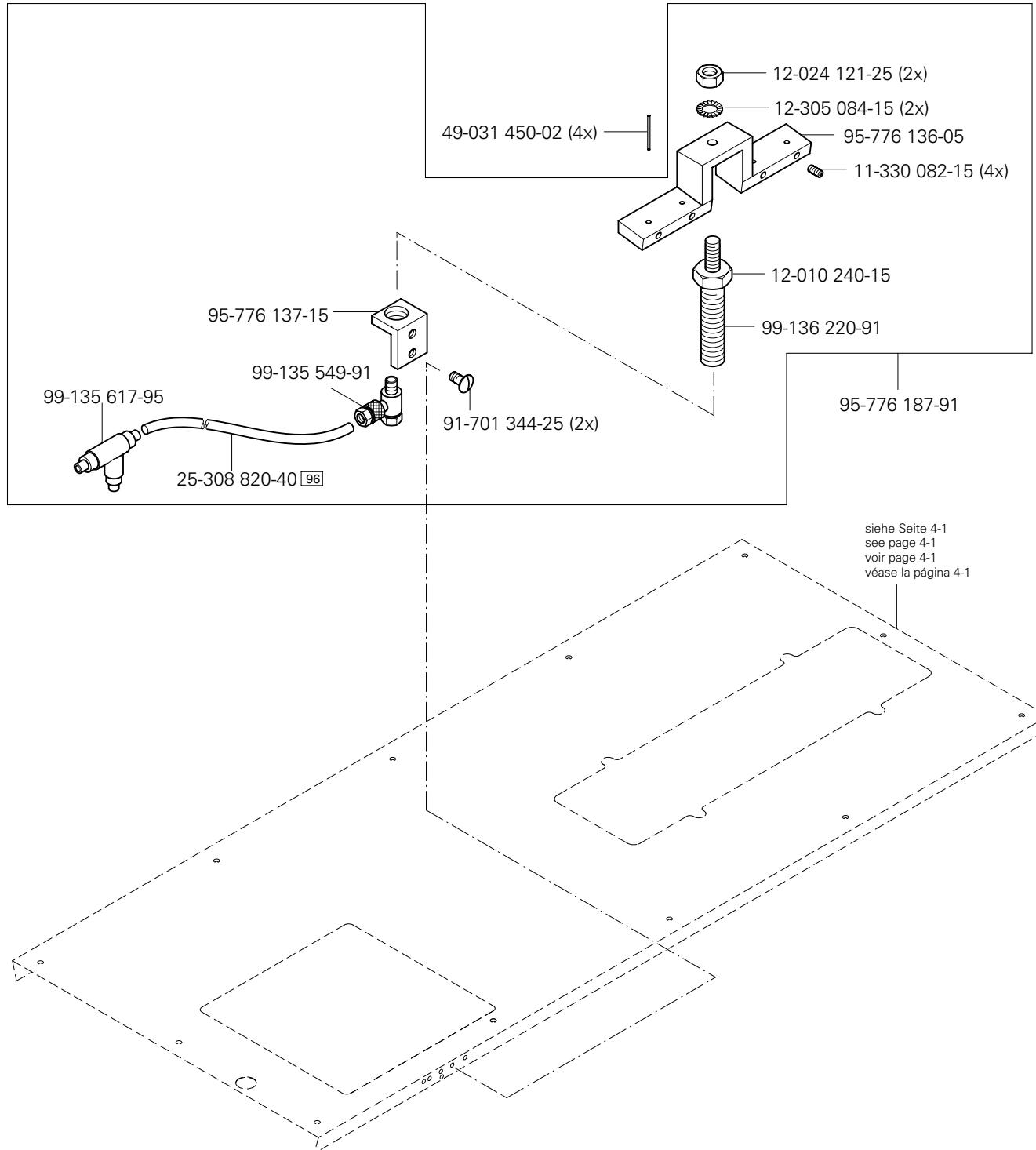
PFAFF 3588-02/021

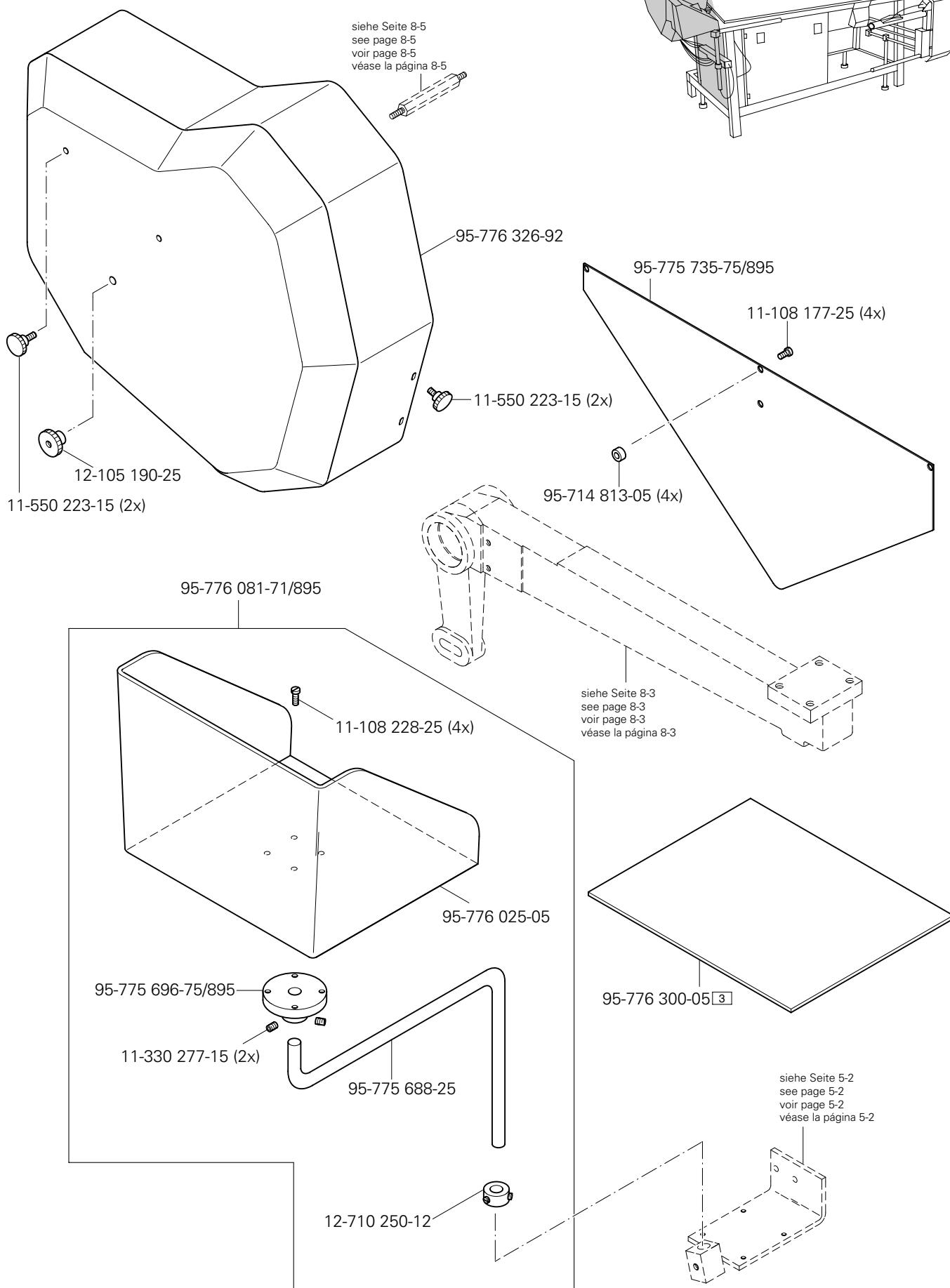


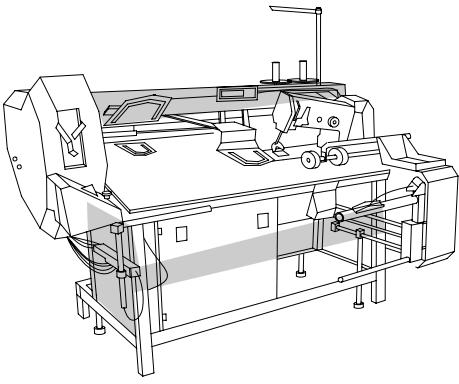


Stoffrückhaltevorrichtung  
Workpiece retainer  
Dispositif de rétention du tissu  
Dispositivo de retención del material PFAFF 3588-02/021

**10.06**

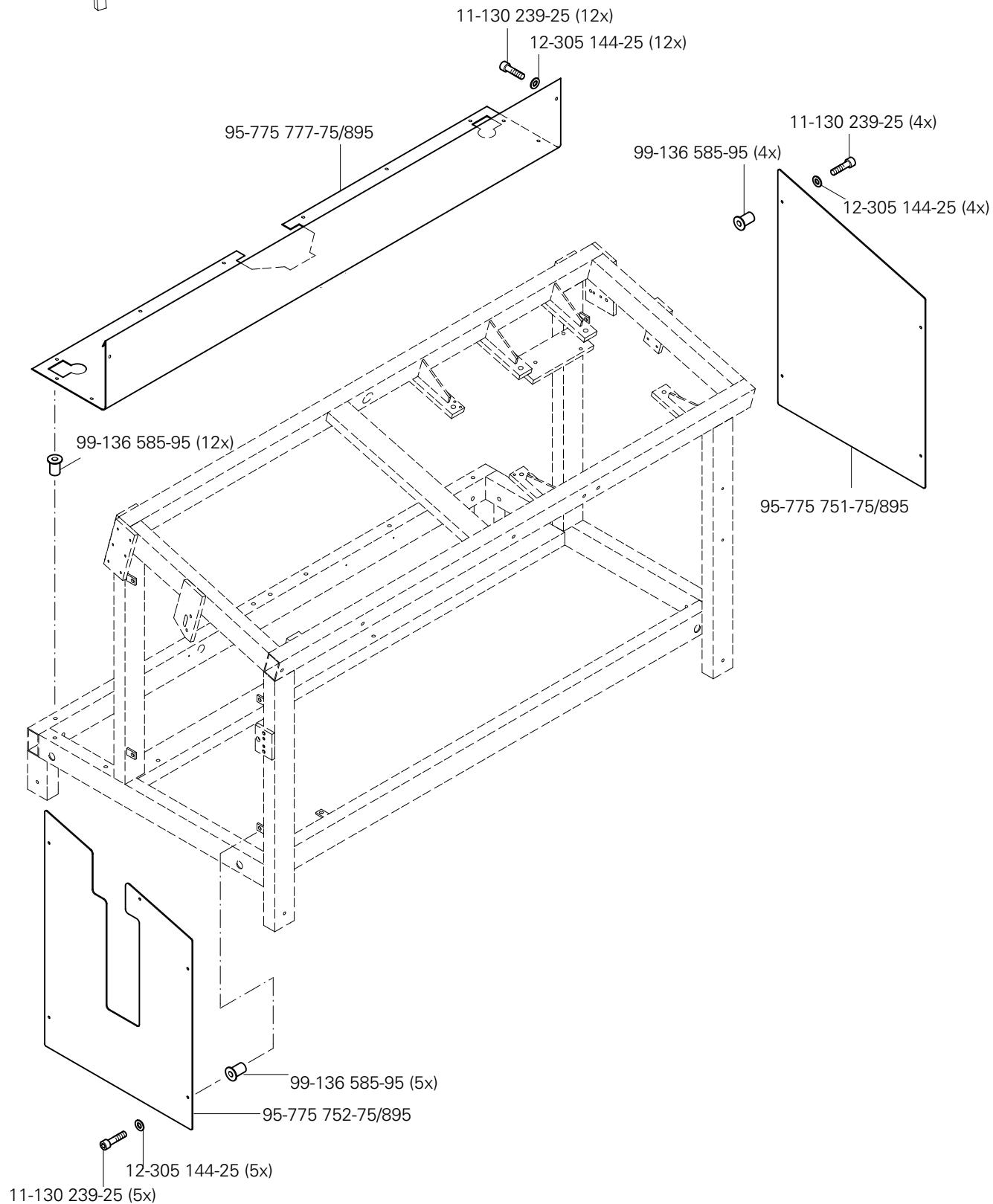


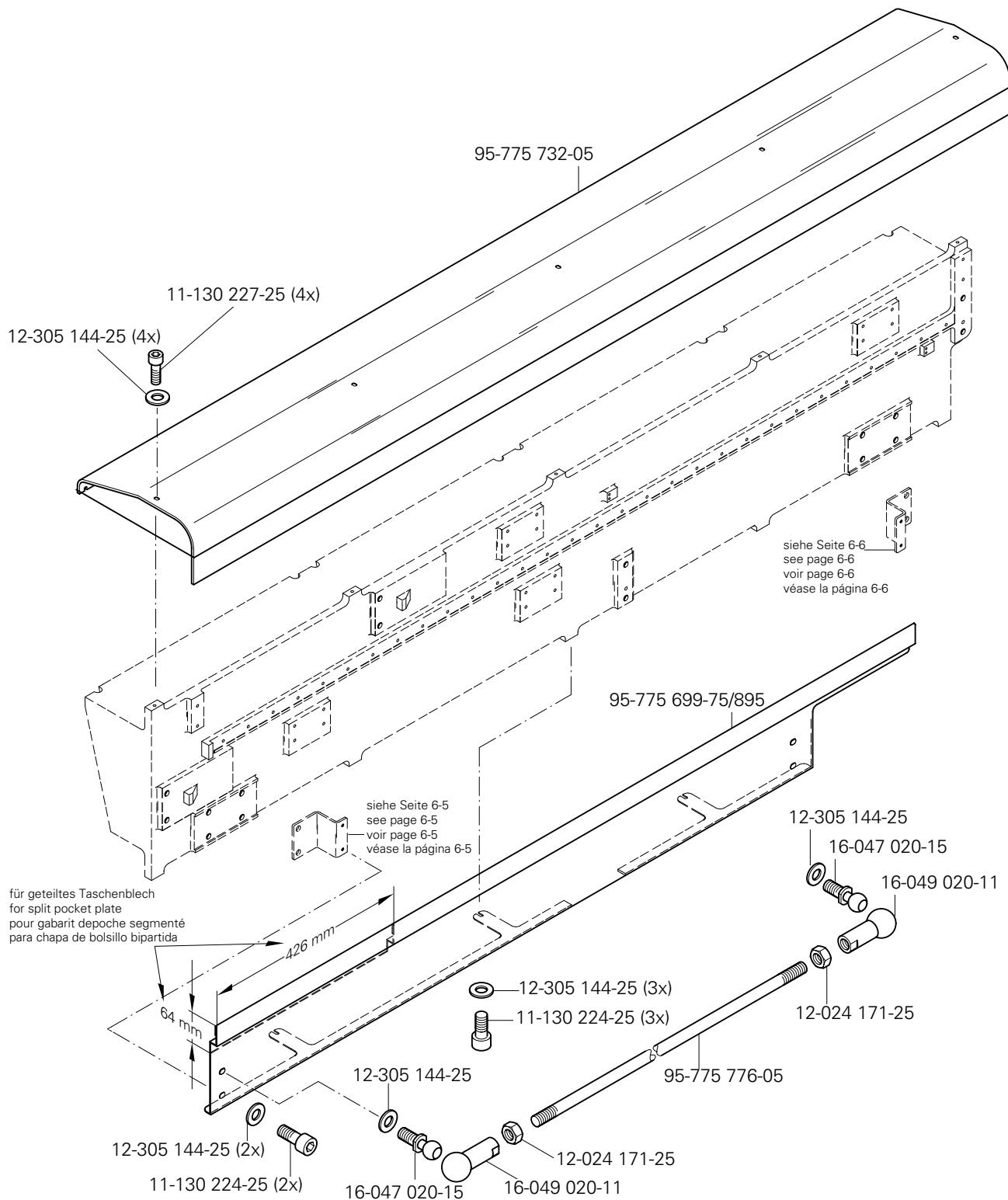
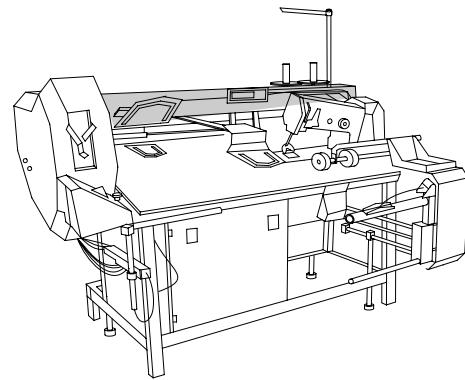


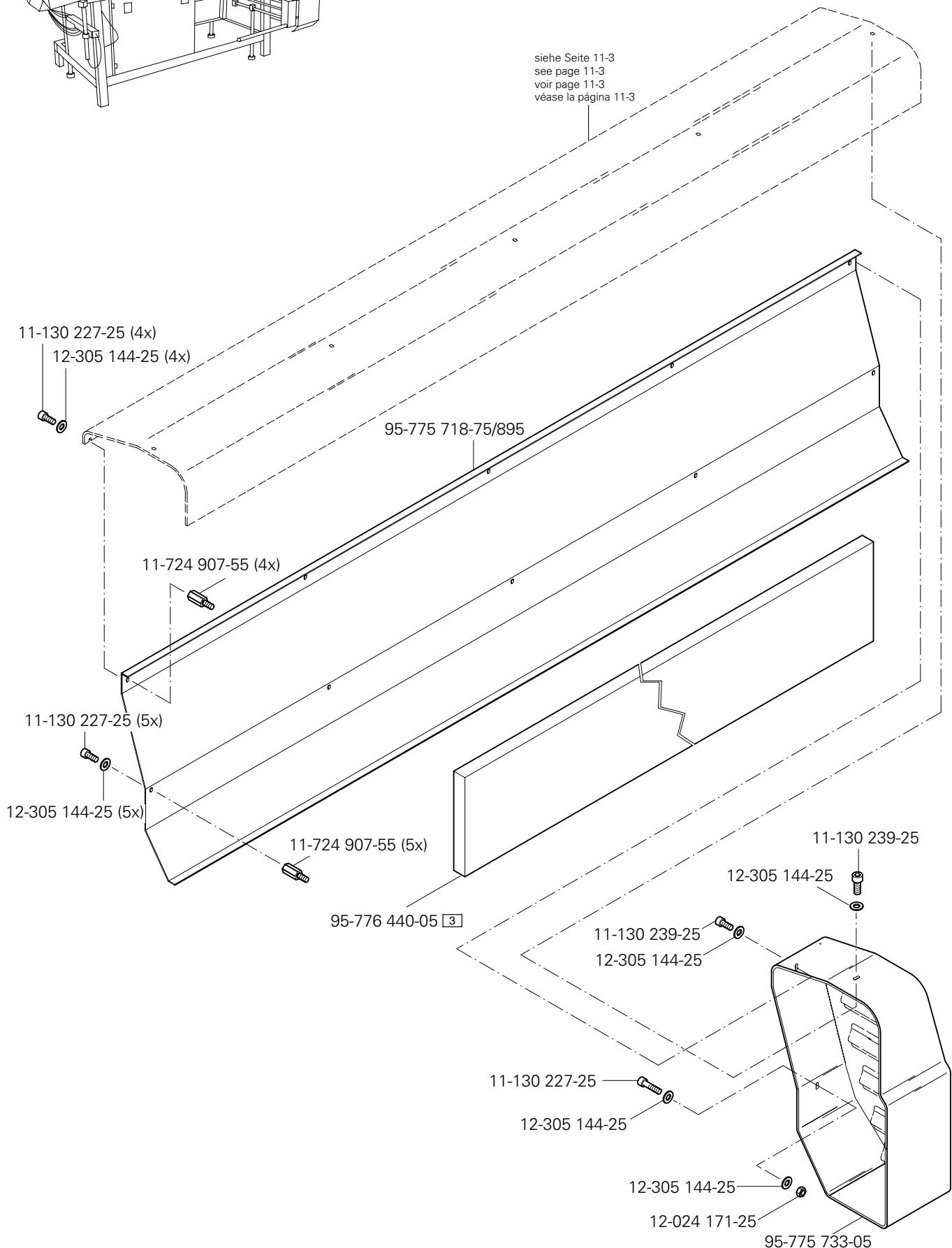
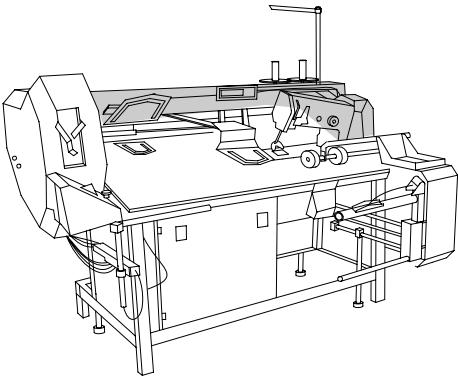


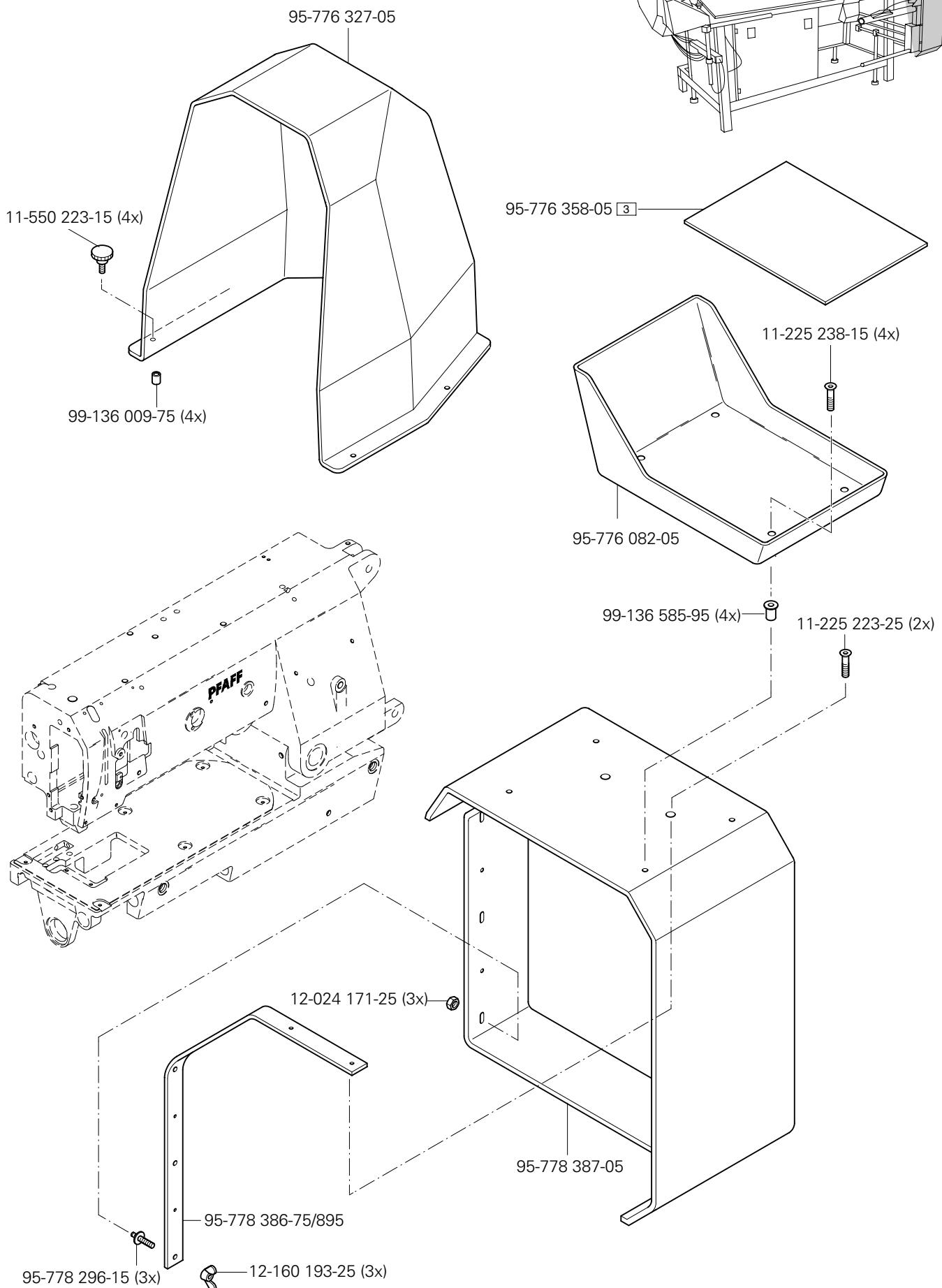
Verkleidung  
Cover panel  
Carter  
Revestimiento PFAFF 3588-02/021

11

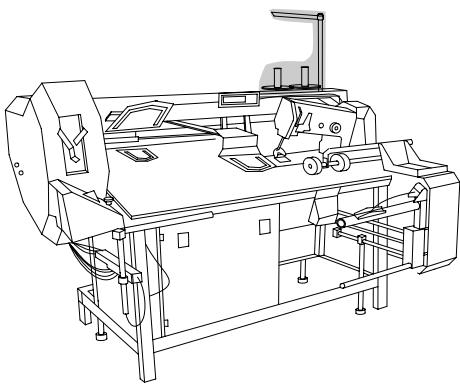








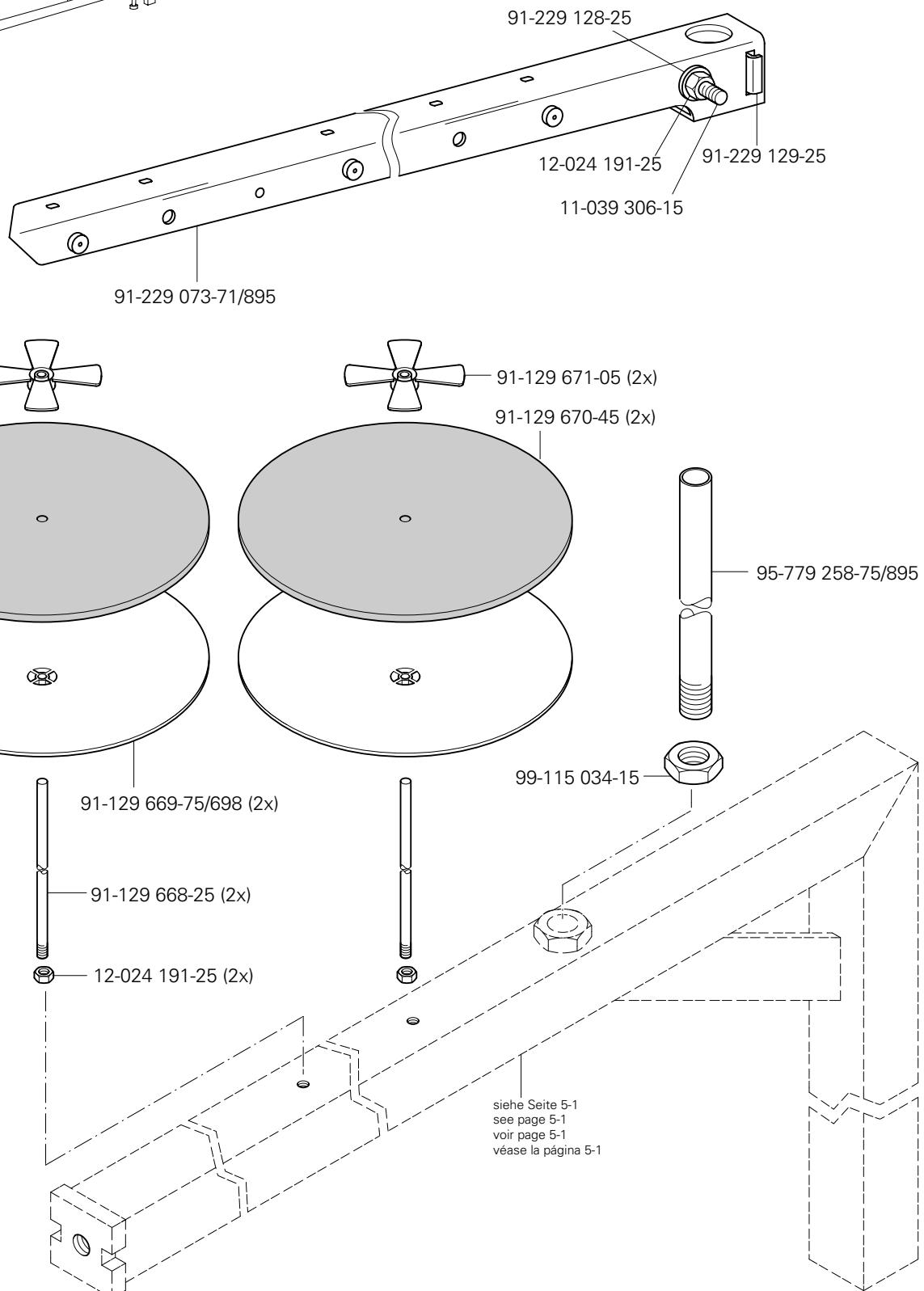
siehe Kapitel 2 Erläuterung der Schlüsselzeichen  
see chapter 2 Explanation of key markings  
voir le chap. 2 Explication des symboles  
véase el Cap. 2 Explicaciones de los signos clave

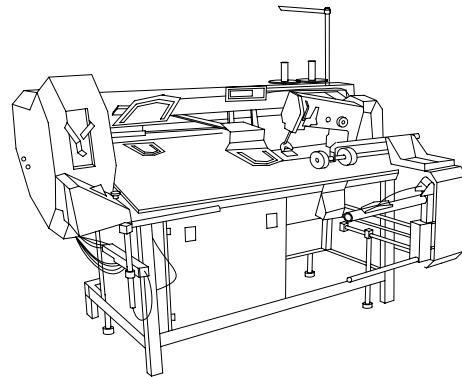


Garnrollenständer  
Reel stands  
Porte-bobines  
Portacarretes

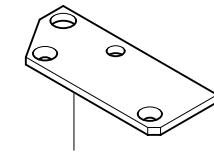
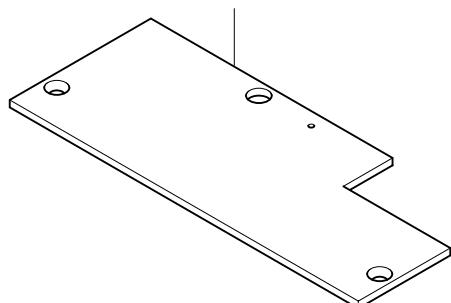
PFAFF 3588-02/021

**12**





95-775 913-15



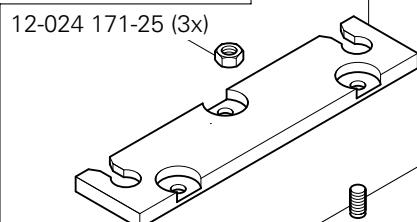
95-778 162-15

95-776 111-05

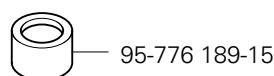


95-776 188-01

95-775 357-15 (6,0) [27/2]

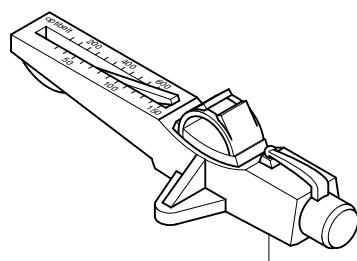


siehe Seite 8-6  
see page 8-6  
voir page 8-6  
véase la página 8-6



95-776 189-15

95-776 196-01



99-137 171-91

| Öl<br>Oil<br>Huile<br>Aceite | Mittelpunkts-Viskosität bei:<br>Mean viscosity at:<br>Viscosité moyenne à:<br>Viscosidad media a: | Dichte bei:<br>Density of:<br>Densité à:<br>Densidad a: | Bestellnummer für Behälter mit:<br>Part number for can with:<br>Numéro de commande pour récipients avec:<br>Número de pedido para recipientes con: |                    |               |                             |                               |
|------------------------------|---|---|--|--------------------|---------------|-----------------------------|-------------------------------|
|                              |   |   | °C   | mm <sup>2</sup> /s | °C            | g/cm <sup>3</sup><br>(g/ml) | 1 Liter<br>1 Litre<br>1 Litro |
| 28-011 201-44                | 40  | 22,0  | 15   | 0,865              | 91-129 917-91 | 91-129 919-91               | 91-129 920-91                 |
|                              |   |   |  |                    |               |                             |                               |
|                              |   |   |  |                    |               |                             |                               |
|                              |   |   |  |                    |               |                             |                               |
|                              |   |   |  |                    |               |                             |                               |

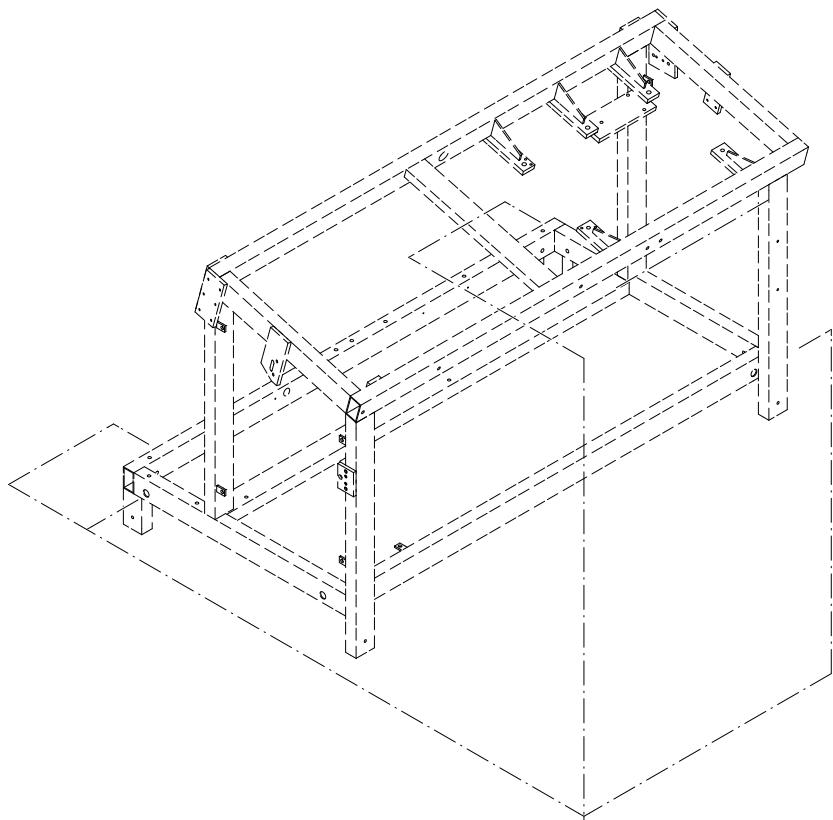
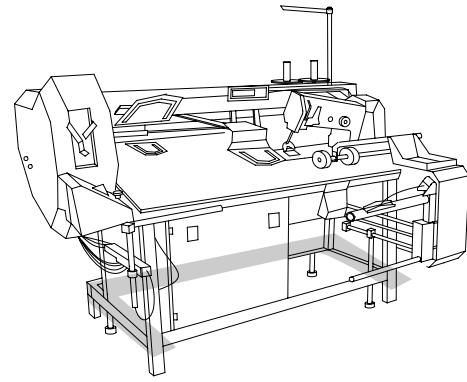
| Fett<br>Grease<br>Graisse<br>Grasa | Penetration<br>Penetration<br>Pénétration<br>Penetración | Tropfpunkt<br>Drip-point<br>Point de suintement<br>Punto de goteo | Bestellnummer für Behälter mit:<br>Part number for can with:<br>Numéro de commande pour récipients avec:<br>Número de pedido para recipientes con: |    |               |        |               |
|------------------------------------|--|---|--|----|---------------|--------|---------------|
|                                    |  |   | mm/10  | °C | 0,25 kg       | 0,5 kg | 1 kg          |
| 28-011 202-05                      |  |   |  |    |               |        | 28-011 202-05 |
| 28-011 202-10                      |  | 185   |  |    |               |        | 28-011 202-10 |
| 28-011 202-43                      | 375-405  | 150   |  |    | 28-011 202-43 |        |               |
| 28-011 202-47                      | 220-250  | 185   |  |    |               |        | 28-011 202-47 |

|  |  |
|--|--|
| Reinigungsmittel<br>Cleansing agent<br>Agents de nettoyage<br>Limpiaores | Bestellnummer für Behälter mit:<br>Part number for can with:<br>Numéro de commande pour récipients avec:<br>Número de pedido para recipientes con: |
|  | 240 ml   |

|                    |               |
|--------------------|---------------|
| Isoprophyl-Alkohol | 95-665 735-91 |
|--------------------|---------------|

# 15.01



95-775 520-91 (3x)

11-130 179-15 (4x)

95-775 511-15

12-610 570-45

11-130 452-15 (2x)

12-499 230-45  
 (2x)

12-305 264-15 (2x)

95-775 509-05

99-137 087-05

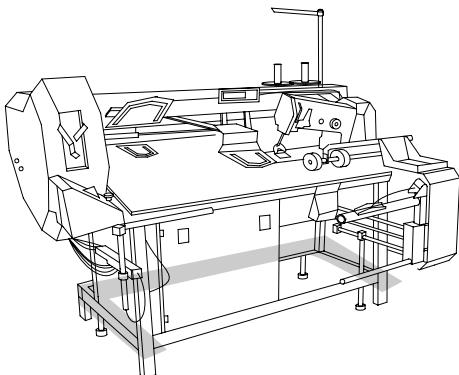
14-310 240-01

95-775 518-05

95-775 514-05

99-134 935-91

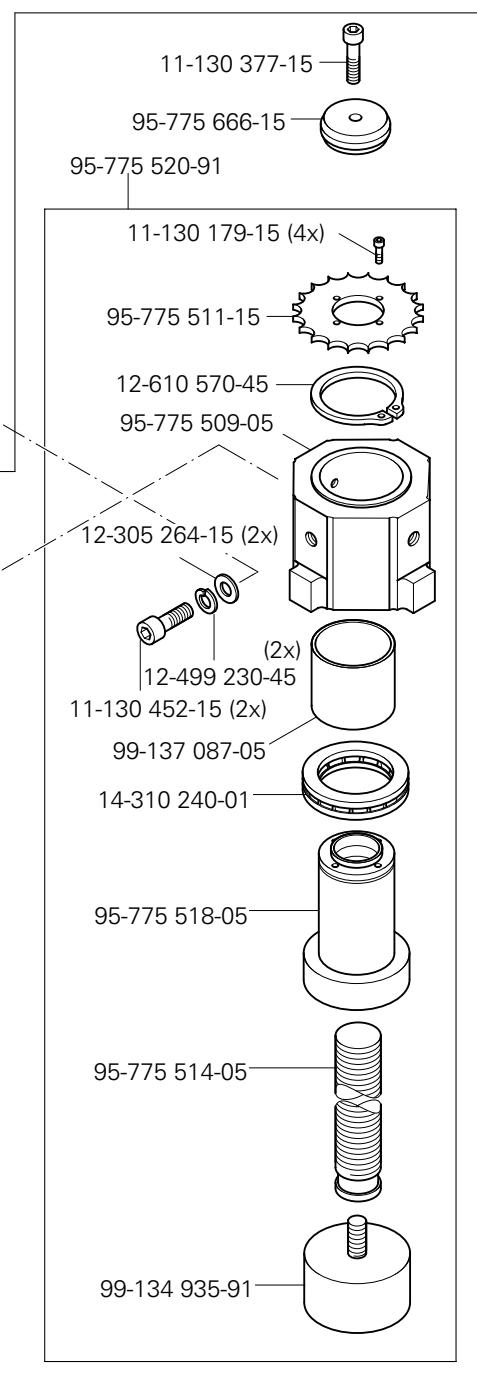
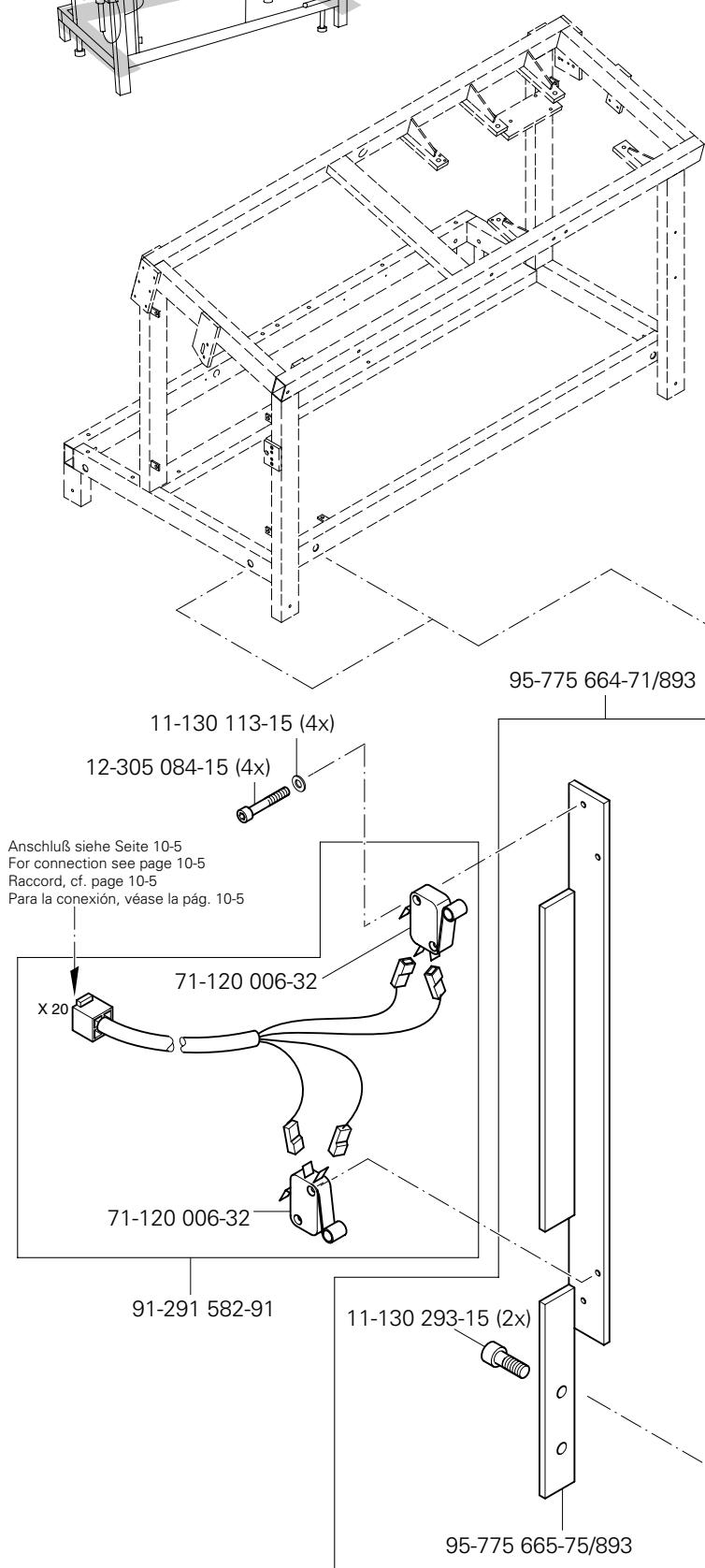




Höhenverstellung für Gestell  
Vertical adjustment for frame  
Réglage de la hauteur du bâti  
Regulación de la altura del bastidor

PFAFF 3588-02/021

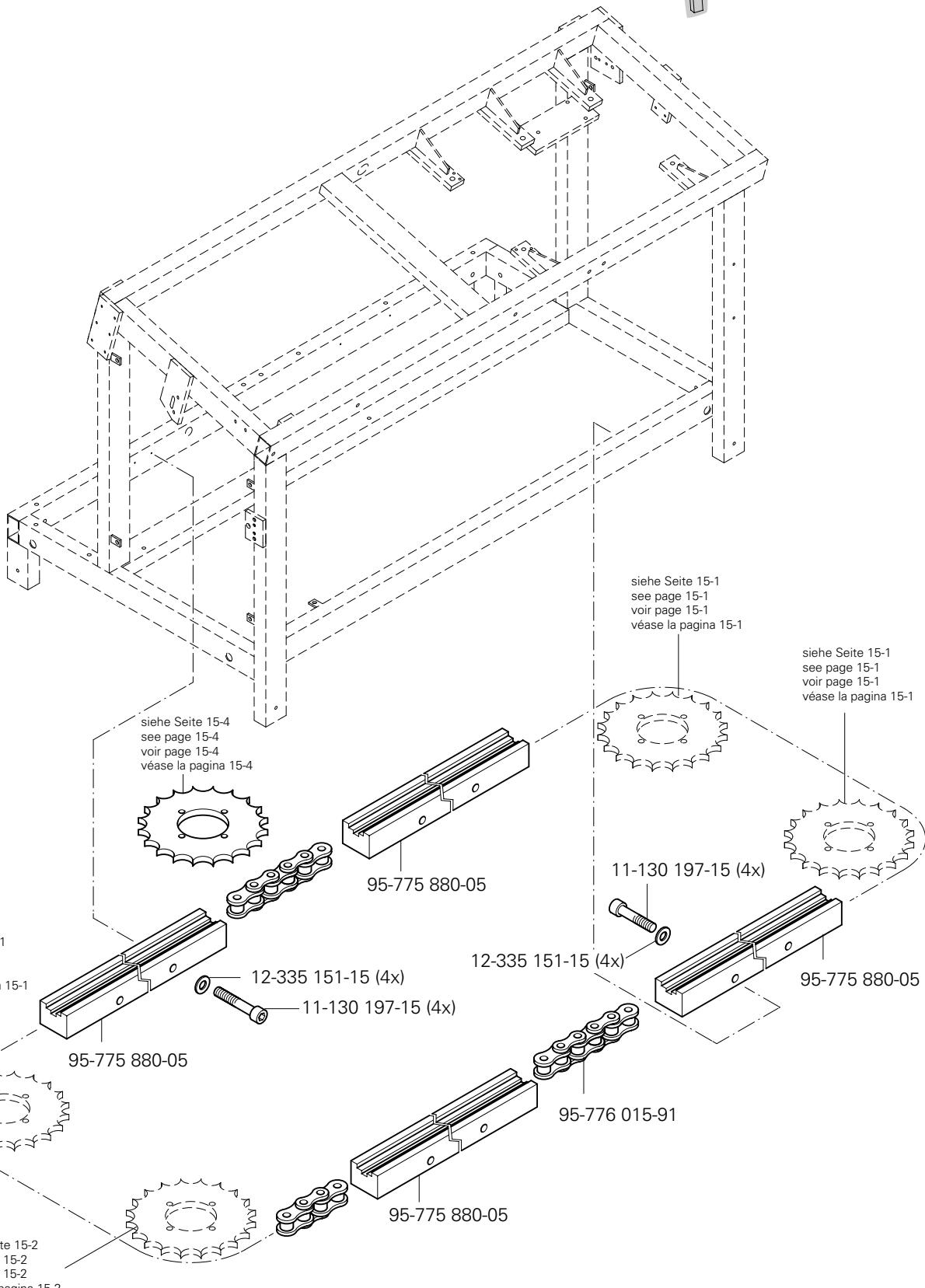
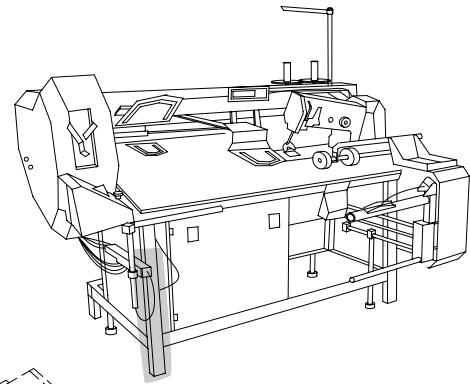
**15.01**



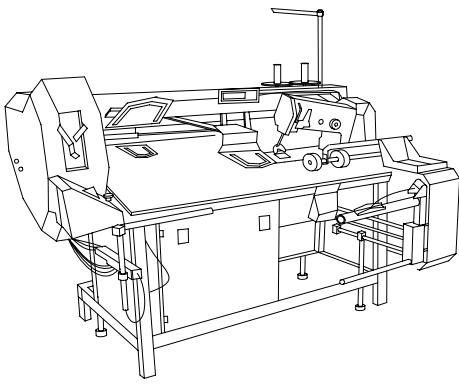
# 15.01

Höhenverstellung für Gestell  
Vertical adjustment for frame  
Réglage de la hauteur du bâti  
Regulación de la altura del bastidor

PFAFF 3588-02/021



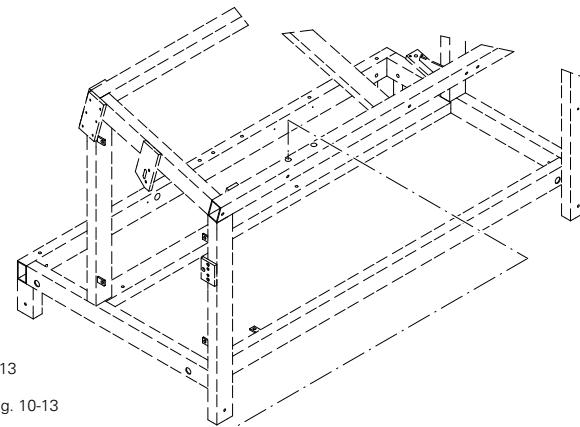
siehe Kapitel 2 Erläuterung der Schlüsselzeichen  
see chapter 2 Explanation of key markings  
voir le chap. 2 Explication des symboles  
véase el Cap. 2 Explicaciones de los signos clave



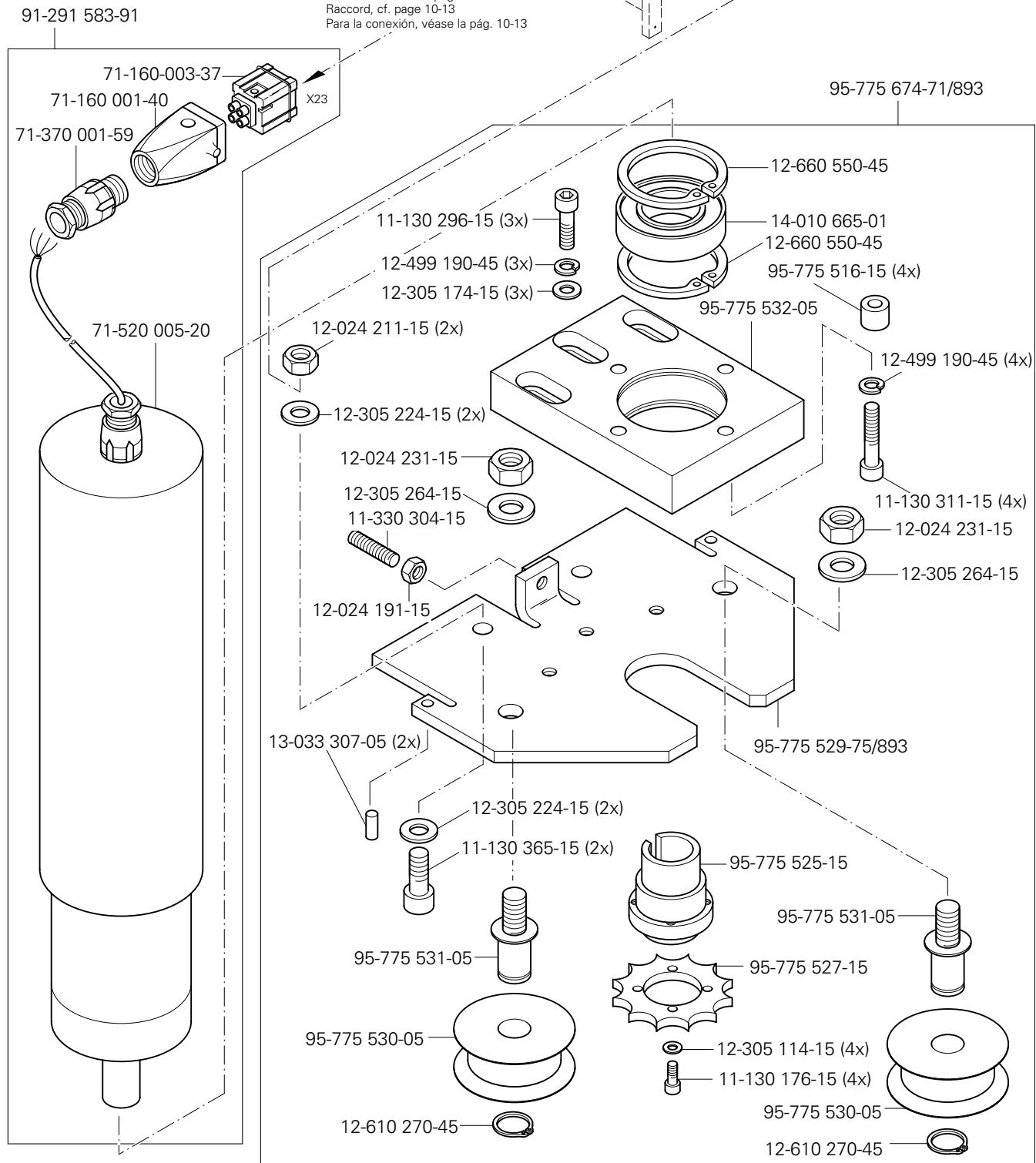
Höhenverstellung für Gestell  
Vertical adjustment for frame  
Réglage de la hauteur du bâti  
Regulación de la altura del bastidor

PFAFF 3588-02/021

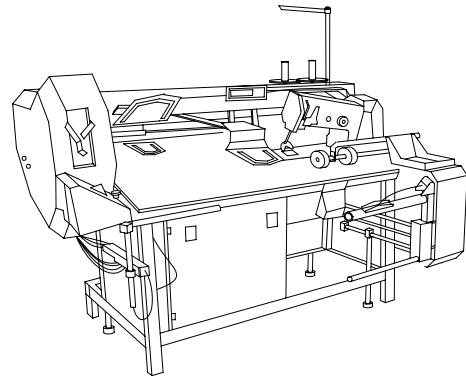
**15.01**



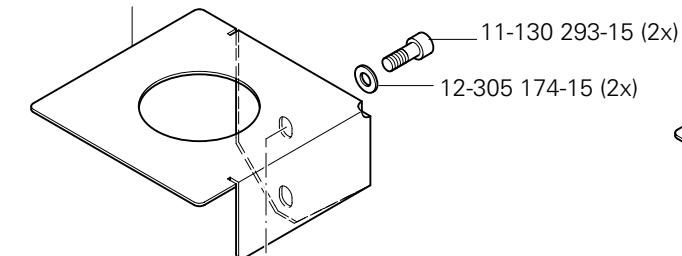
Anschluß siehe Seite 10-13  
For connection see page 10-13  
Raccord, cf. page 10-13  
Para la conexión, véase la pág. 10-13



# 15.01



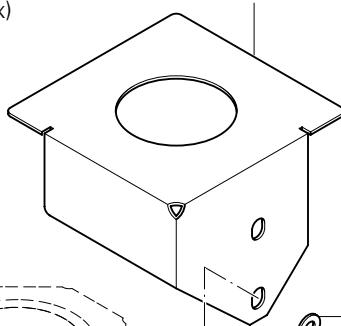
95-775 851-75/893



11-130 293-15 (2x)

12-305 174-15 (2x)

95-775 851-75/893



12-305 174-15 (2x)

11-130 293-15 (2x)

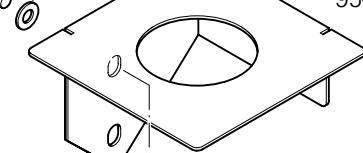
siehe Seite 15-1  
 see page 15-1  
 voir page 15-1  
 véase la página 15-1

siehe Seite 15-1  
 see page 15-1  
 voir page 15-1  
 véase la página 15-1

11-130 293-15 (2x)



95-775 851-75/893



siehe Seite 15-2  
 see page 15-2  
 voir page 15-2  
 véase la página 15-2

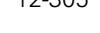
95-775 851-75/893

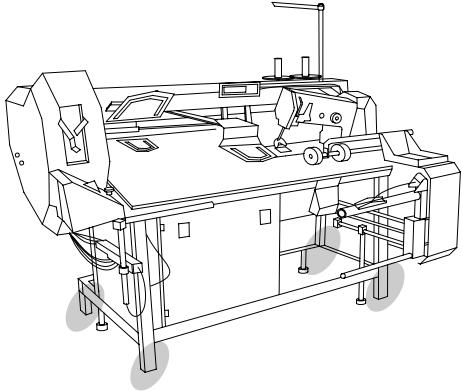
siehe Seite 15-1  
 see page 15-1  
 voir page 15-1  
 véase la página 15-1

11-130 293-15 (2x)



12-305 174-15 (2x)

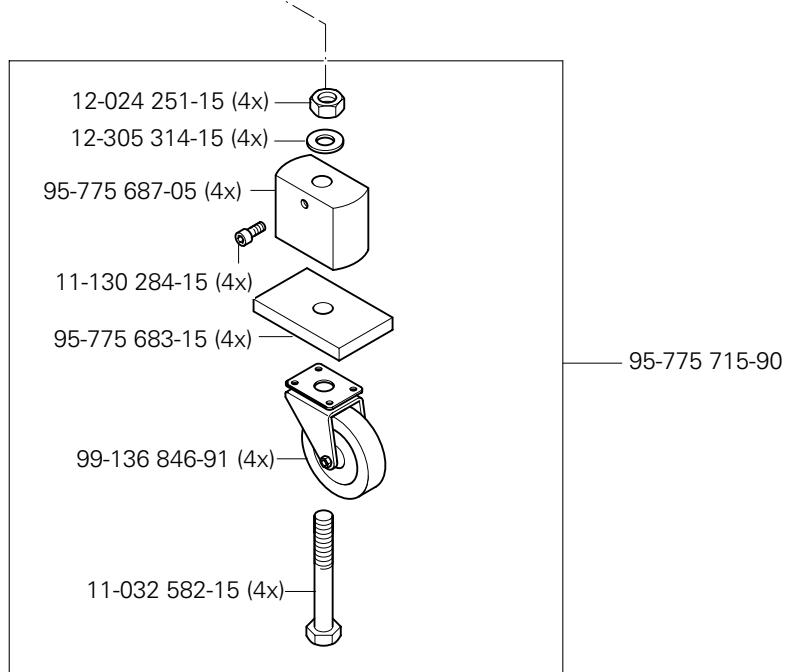
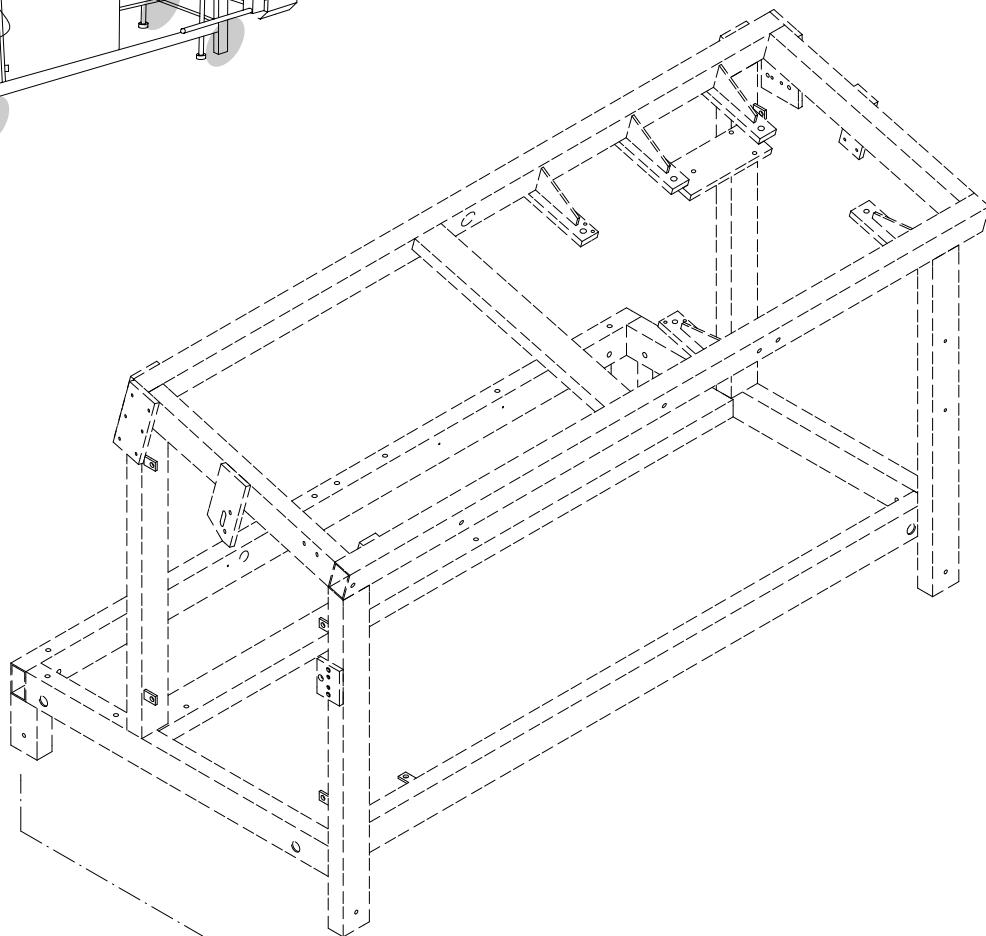




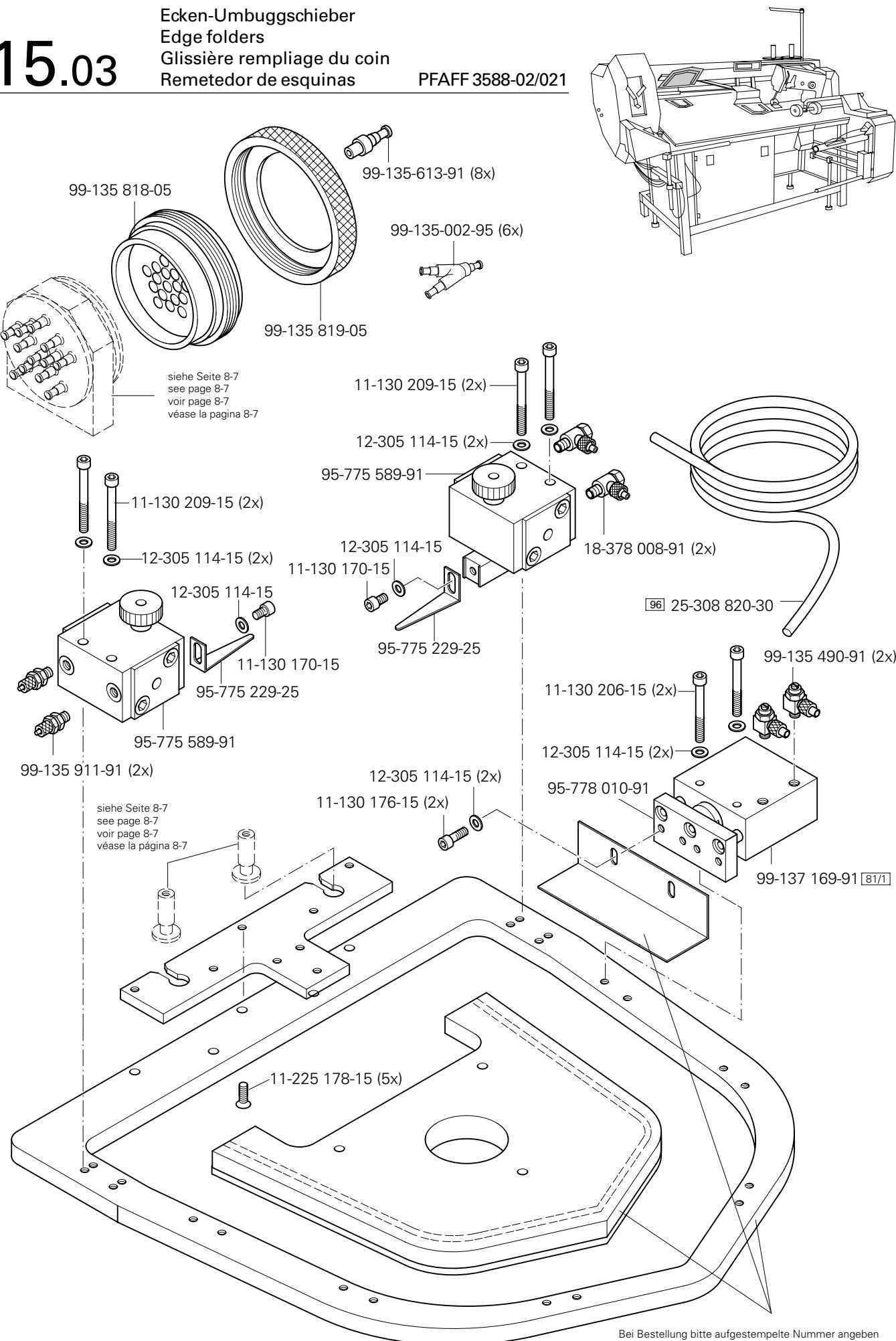
Transportrolle  
Feed roller  
Galet d'entraînement  
Rodillo el transporte

PFAFF 3588-02/021

15.02

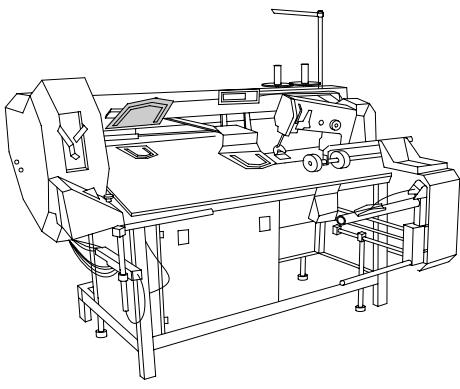


siehe Kapitel 2 Erläuterung der Schlüsselzeichen  
see chapter 2 Explanation of key markings  
voir le chap. 2 Explication des symboles  
véase el Cap. 2 Explicaciones de los signos clave



Bei Bestellung bitte aufgestempelte Nummer angeben  
When ordering, please indicate stamped number  
A la commande, préciser la référence poinçonnée  
Indíquese en los pedidos el número estampado

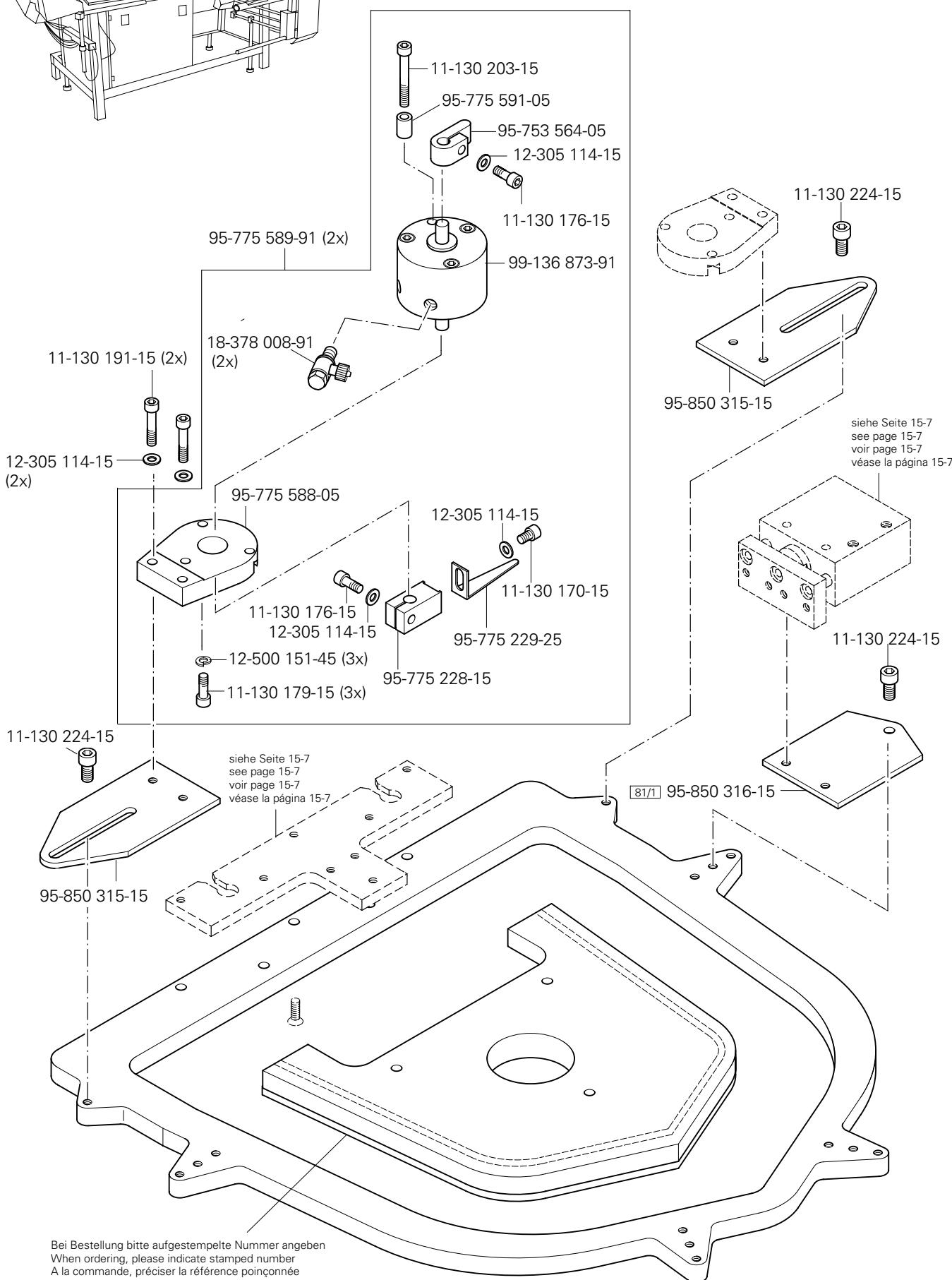




Ecken-Umbuggschieber  
Edge folders  
Glissière remplie du coin  
Remetedor de esquinas

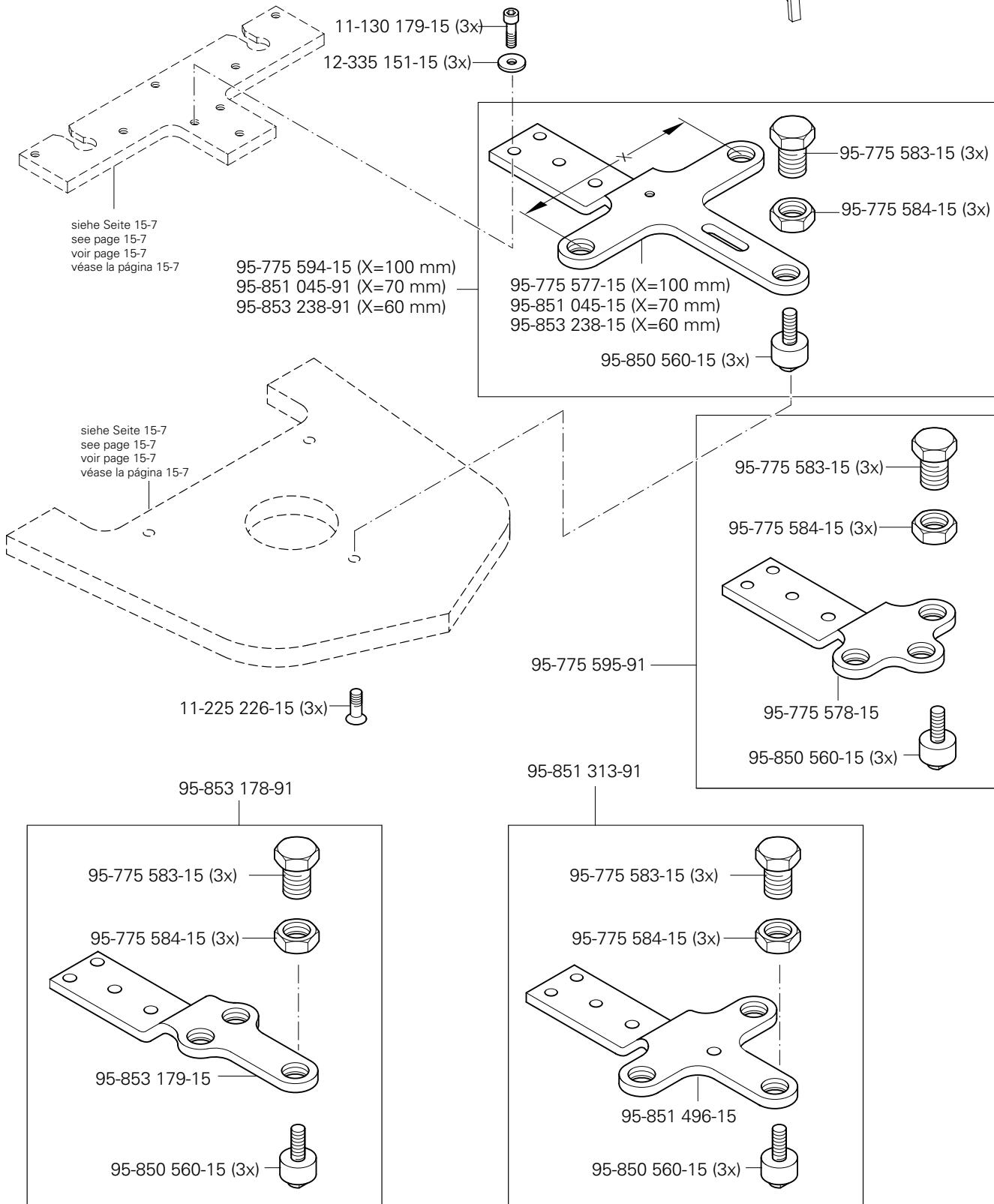
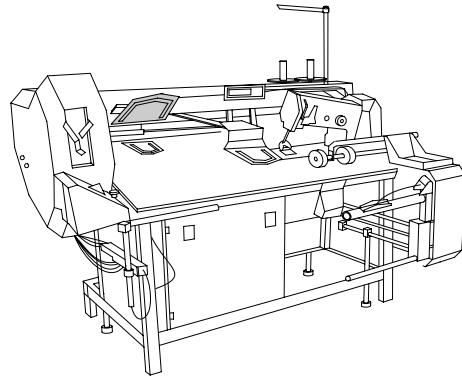
PFAFF 3588-02/021

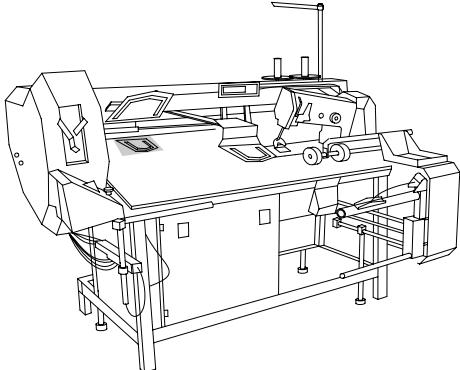
**15.03**



Bei Bestellung bitte aufgestempelte Nummer angeben  
When ordering, please indicate stamped number  
A la commande, préciser la référence poinçonnée  
Indiquez en los pedidos el número estampado

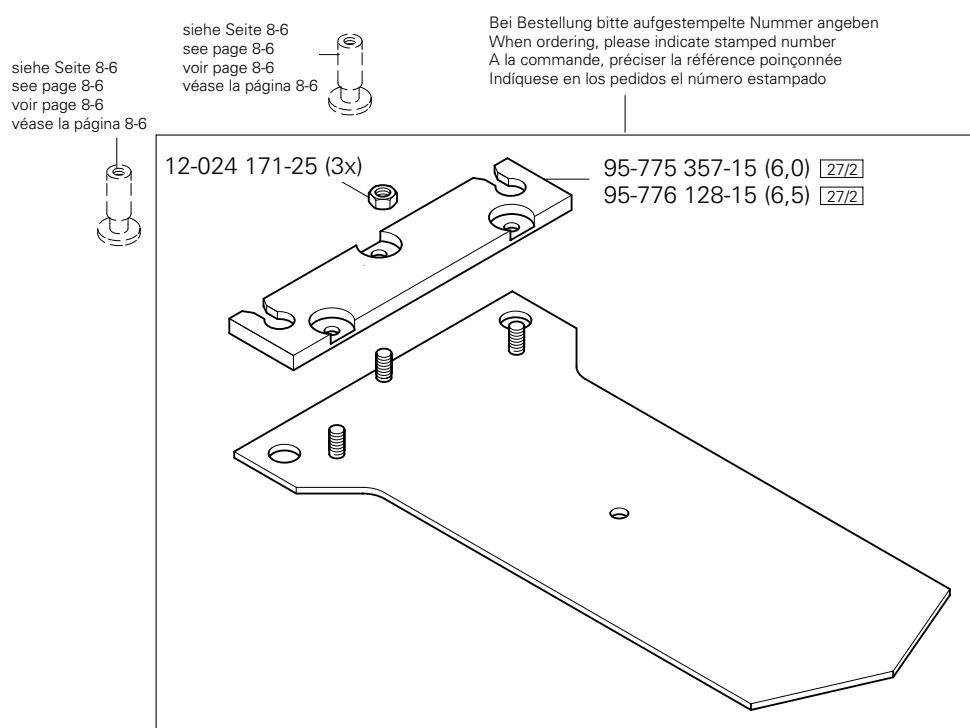
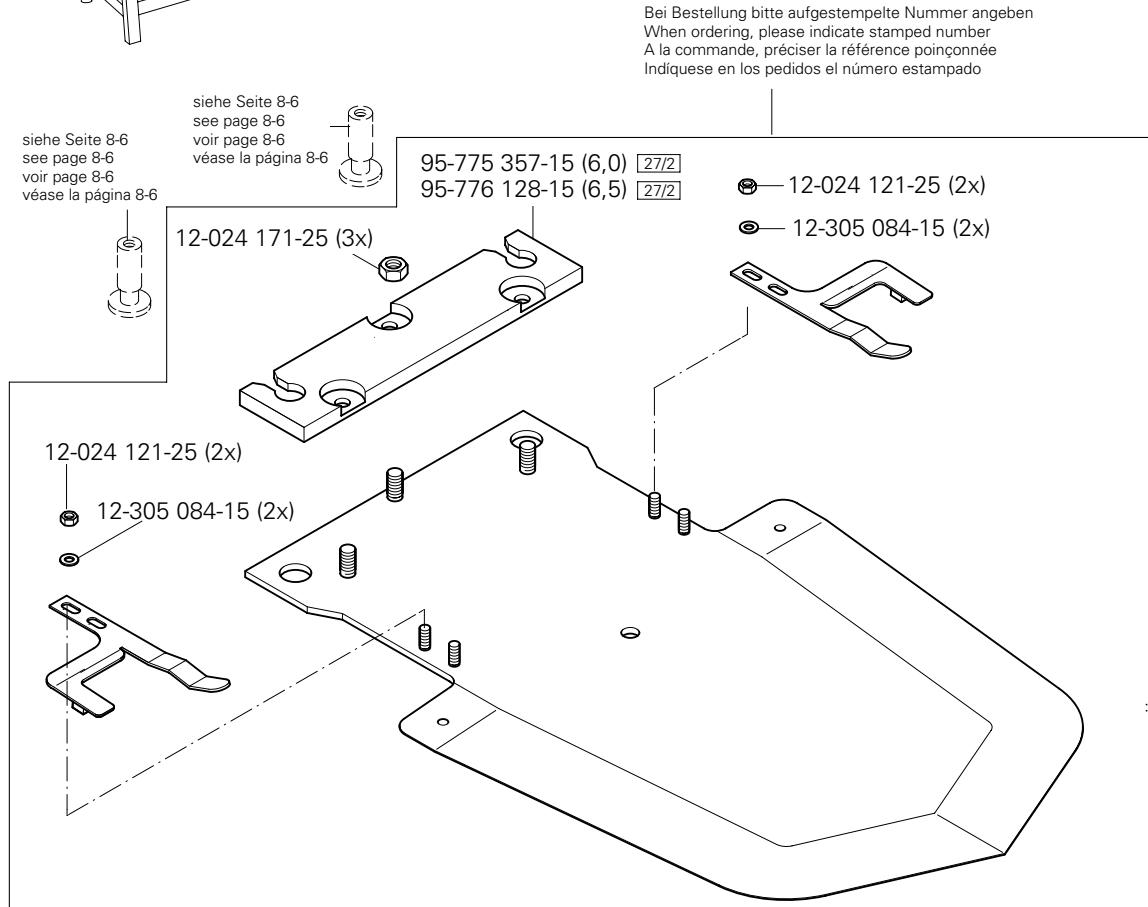


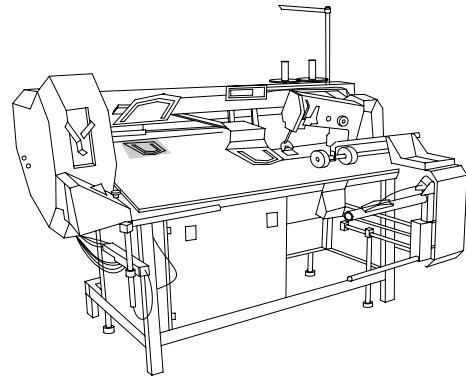




Taschenblech  
Pocket plate  
Gabarit de poche  
Chapa del bosillo PFAFF 3588-02/021

15.04



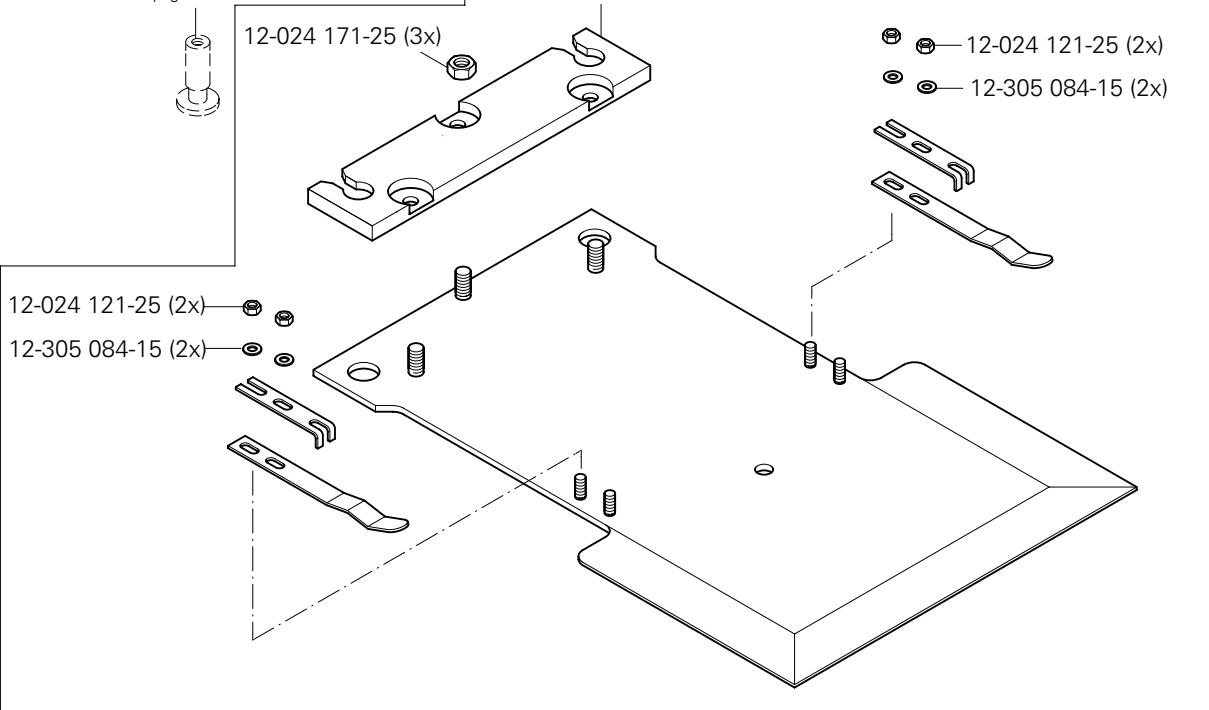


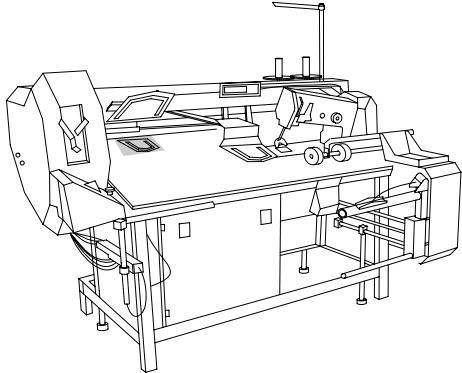
Bei Bestellung bitte aufgestempelte Nummer angeben  
When ordering, please indicate stamped number  
A la commande, préciser la référence poinçonnée  
Indíquese en los pedidos el número estampado

siehe Seite 8-6  
see page 8-6  
voir page 8-6  
véase la página 8-6

siehe Seite 8-6  
see page 8-6  
voir page 8-6  
véase la página 8-6

95-775 357-15 (6,0) [27/2]  
95-776 128-15 (6,5) [27/2]





Taschenblech  
Pocket plate  
Gabarit de poche  
Chapa del bosillo  
PFAFF 3588-02/021

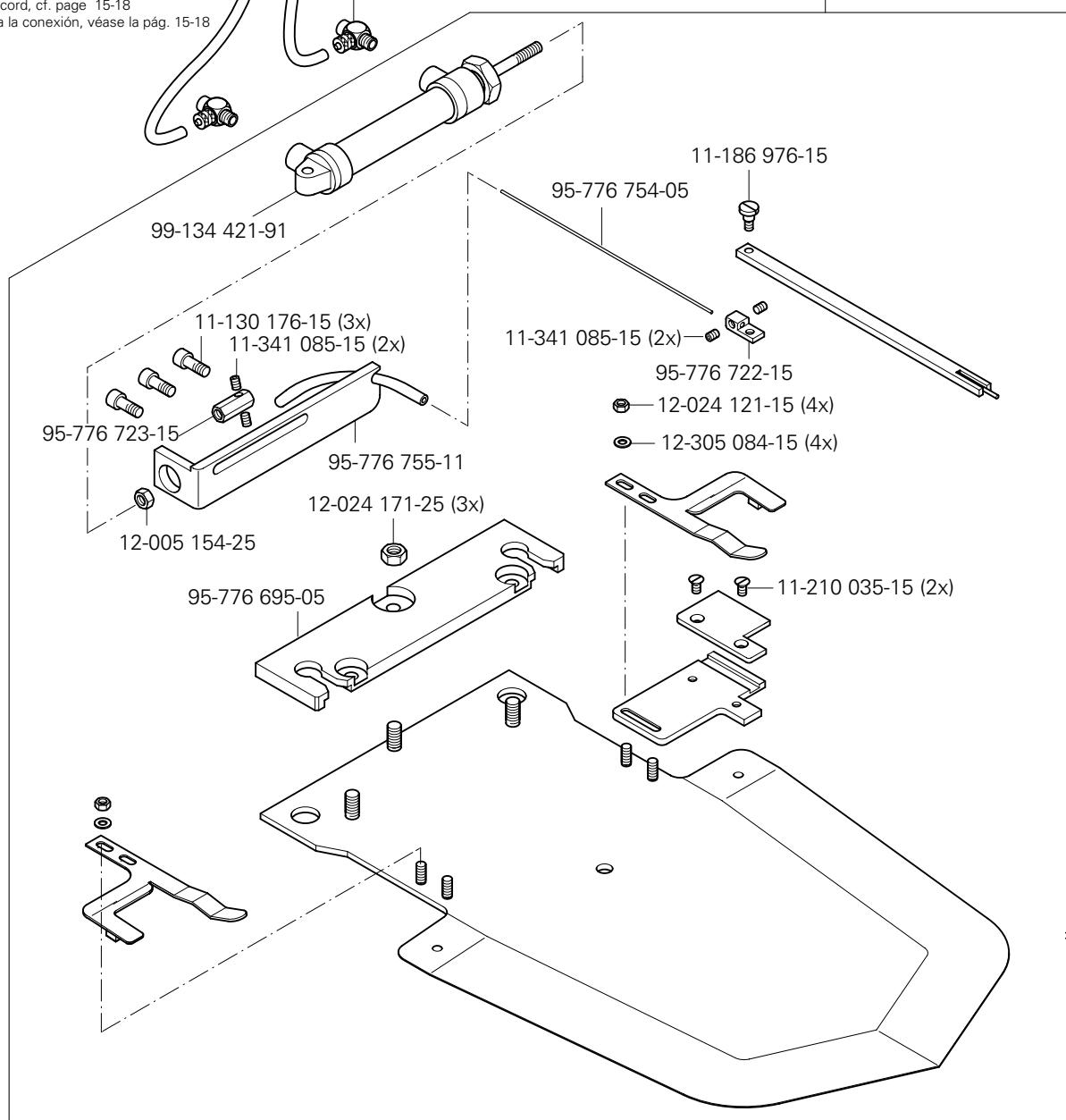
**15.04**

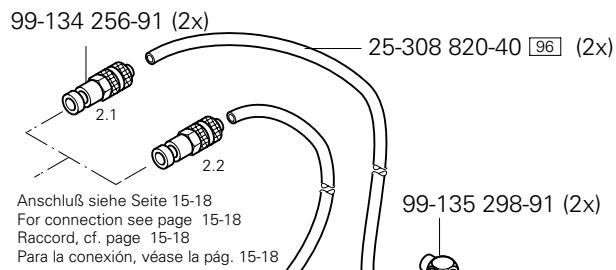
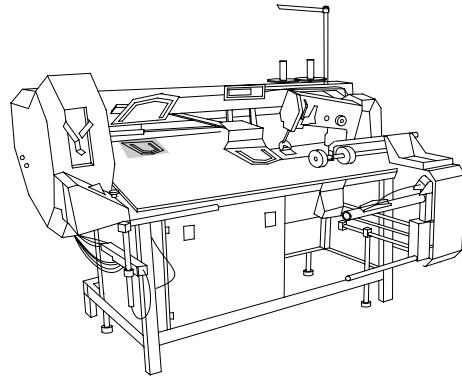
99-134 256-91 (2x)  
25-308 820-40 [96] (2x)  
2.1  
2.2

Anschluß siehe Seite 15-18  
For connection see page 15-18  
Raccord, cf. page 15-18  
Para la conexión, véase la pág. 15-18

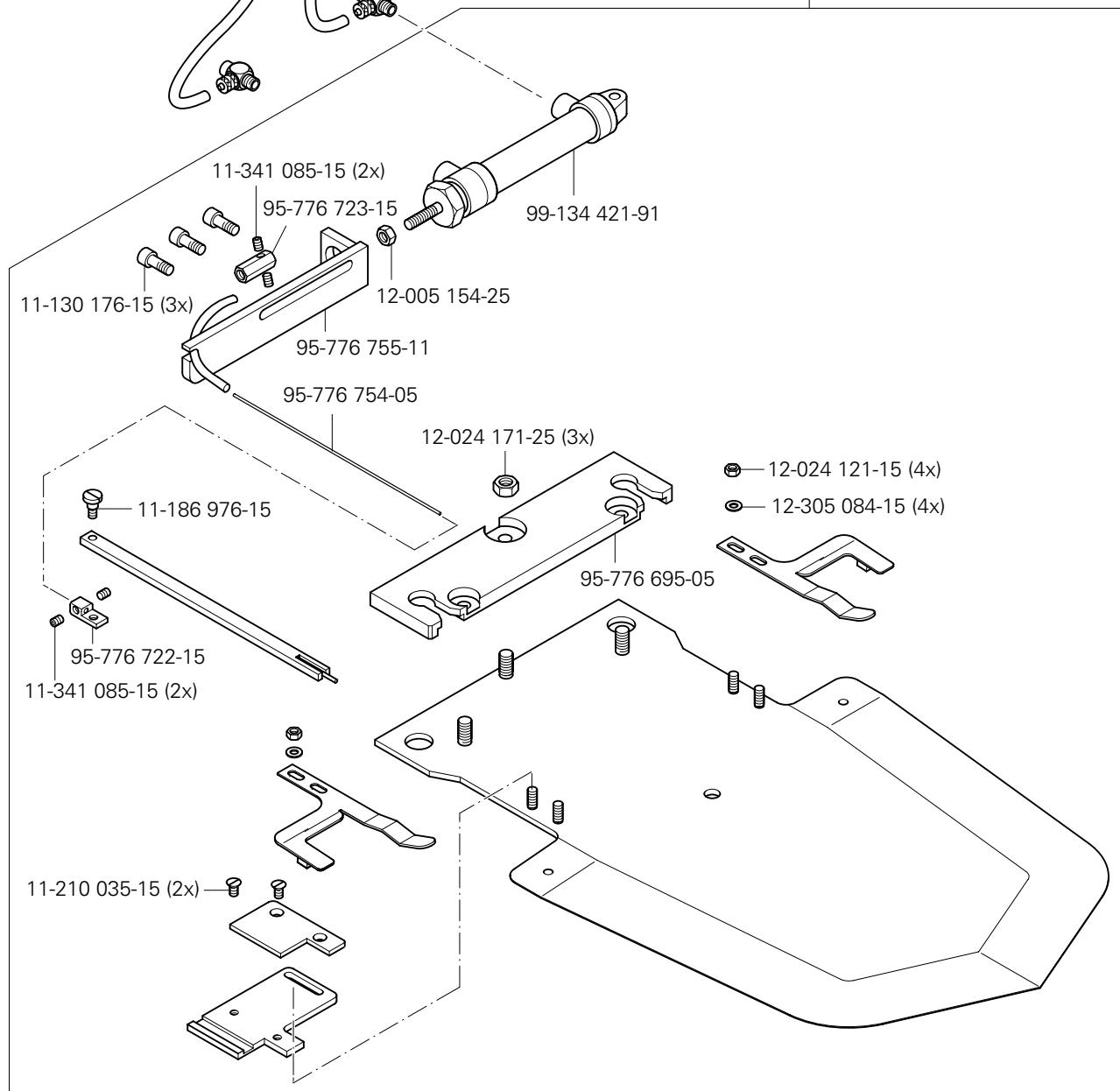
99-135 298-91 (2x)

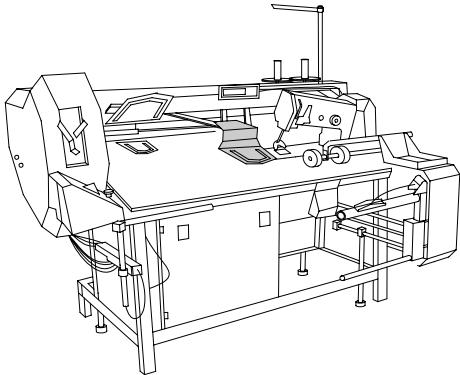
Bei Bestellung bitte aufgestempelte Nummer angeben  
When ordering, please indicate stamped number  
A la commande, préciser la référence poinçonnée  
Indíquese en los pedidos el número estampado





Bei Bestellung bitte aufgestempelte Nummer angeben  
When ordering, please indicate stamped number  
A la commande, préciser la référence poinçonnée  
Indíquese en los pedidos el número estampado

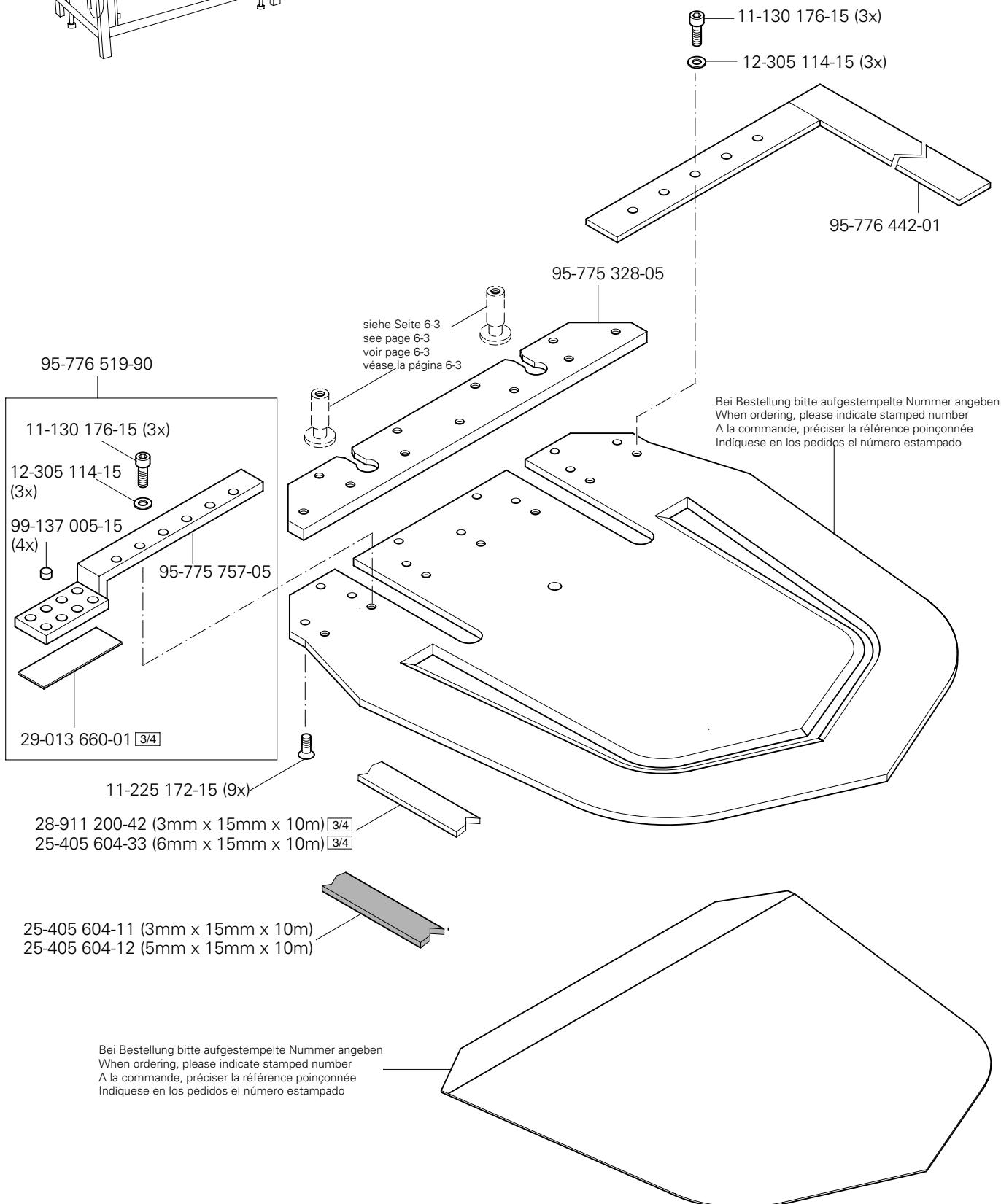


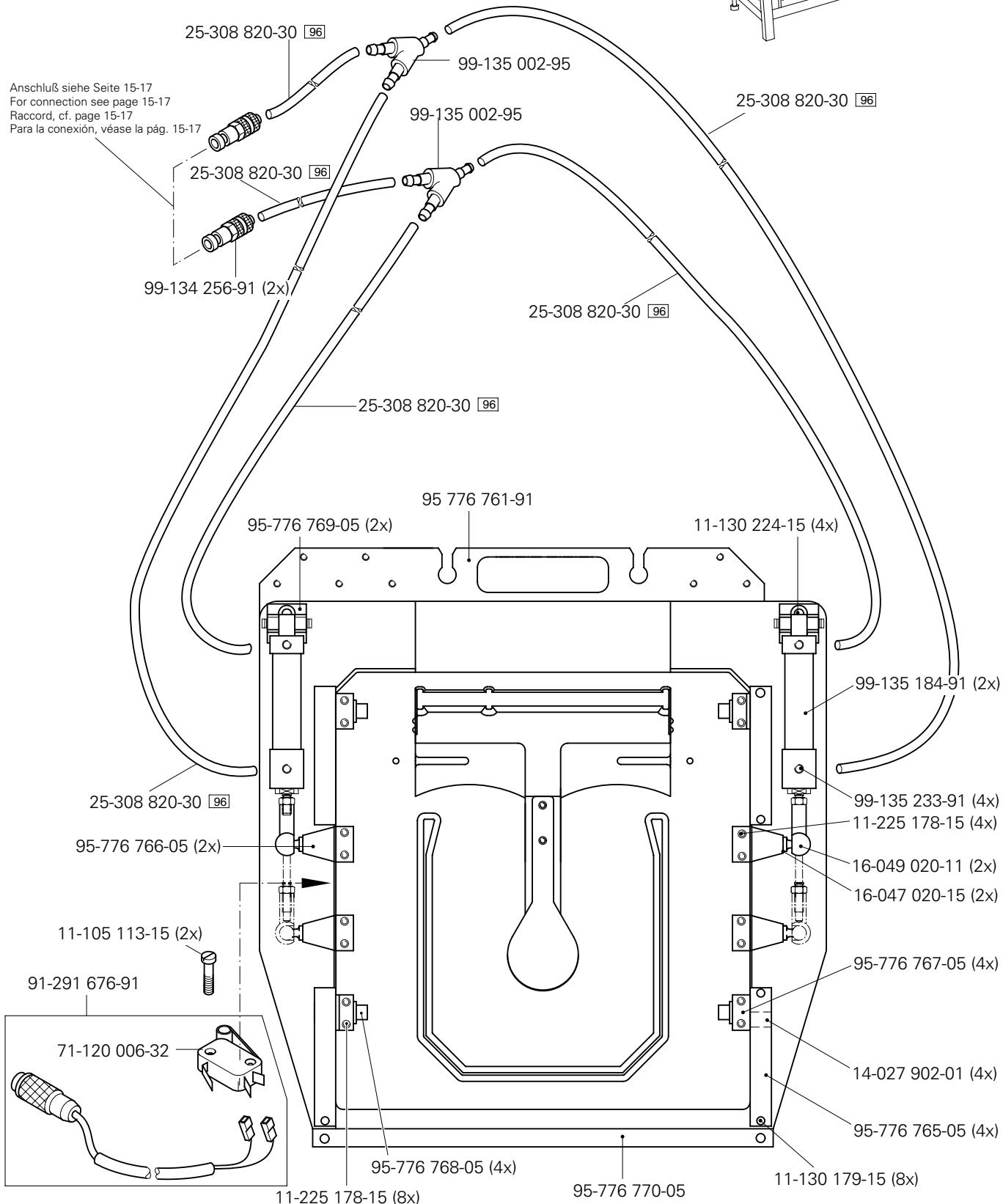
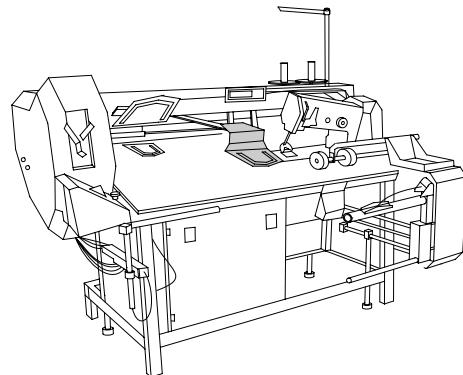


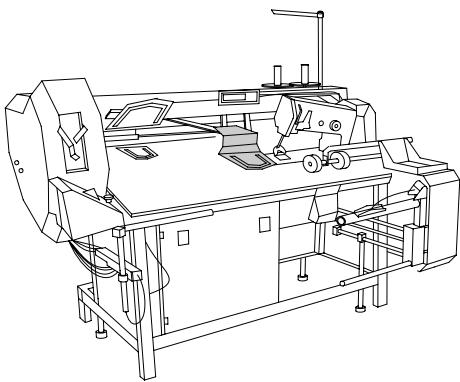
Schablonenblech  
Jig plate  
Gabarit  
Plantilla

PFAFF 3588-02/021

**15.05**



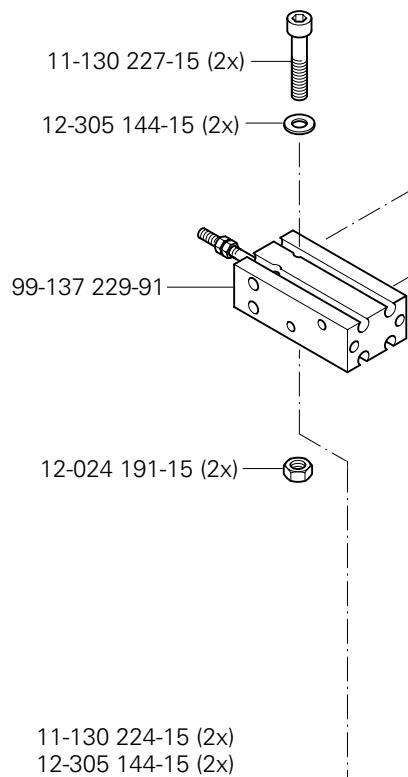




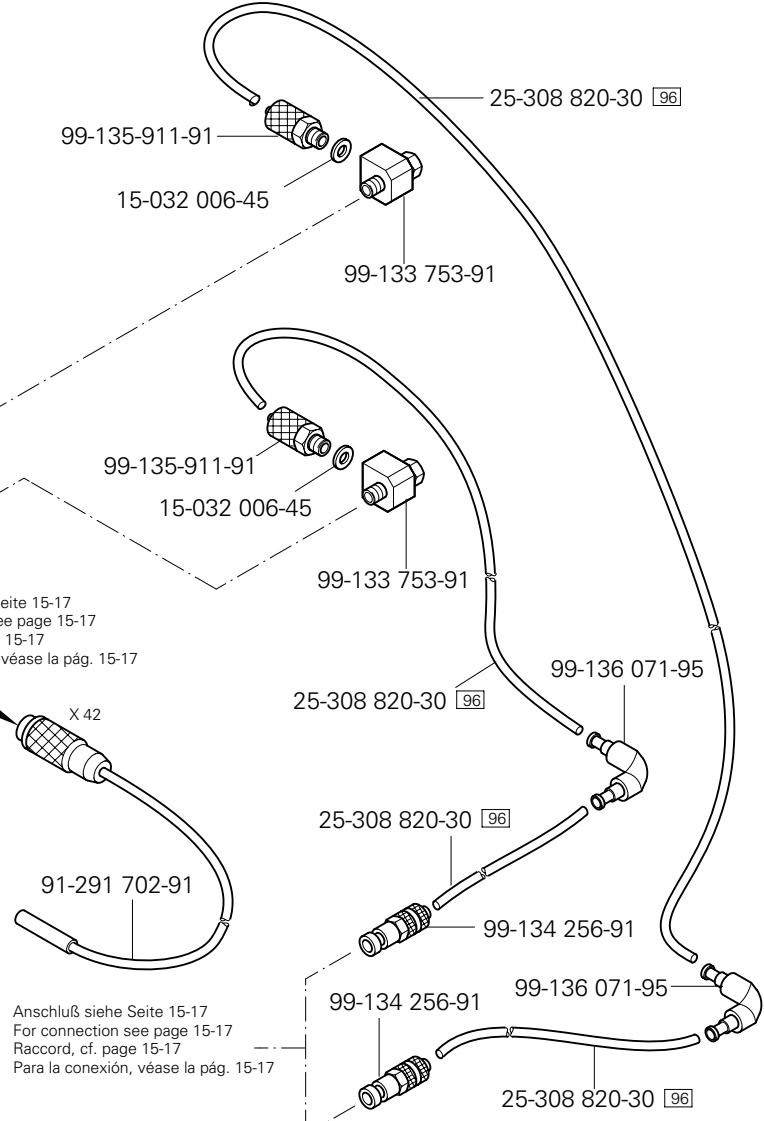
Schablonenblech  
Jig plate  
Gabarit  
Plantilla

PFAFF 3588-02/021

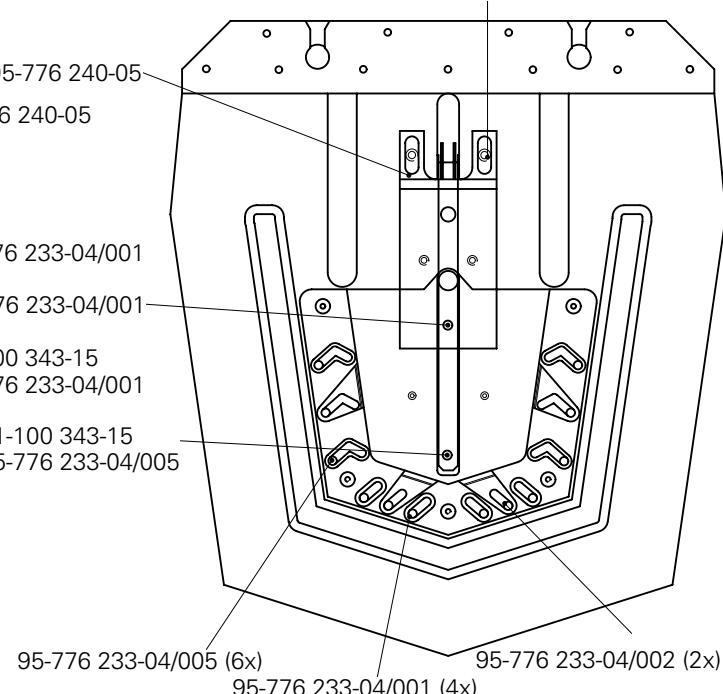
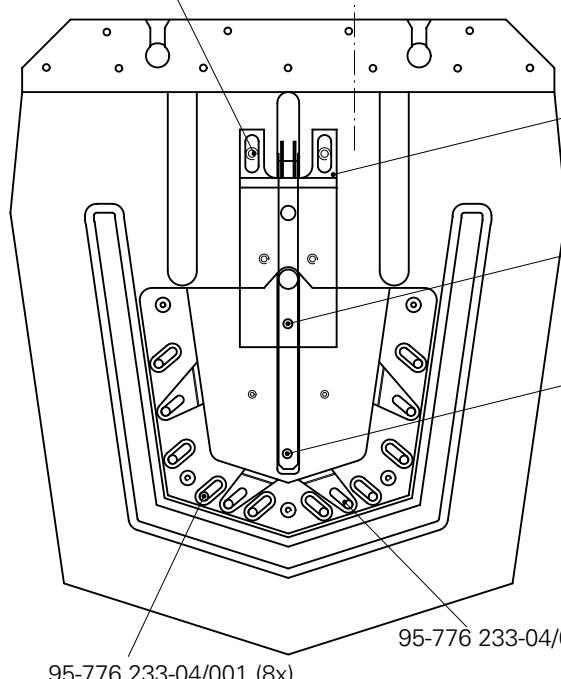
**15.05**

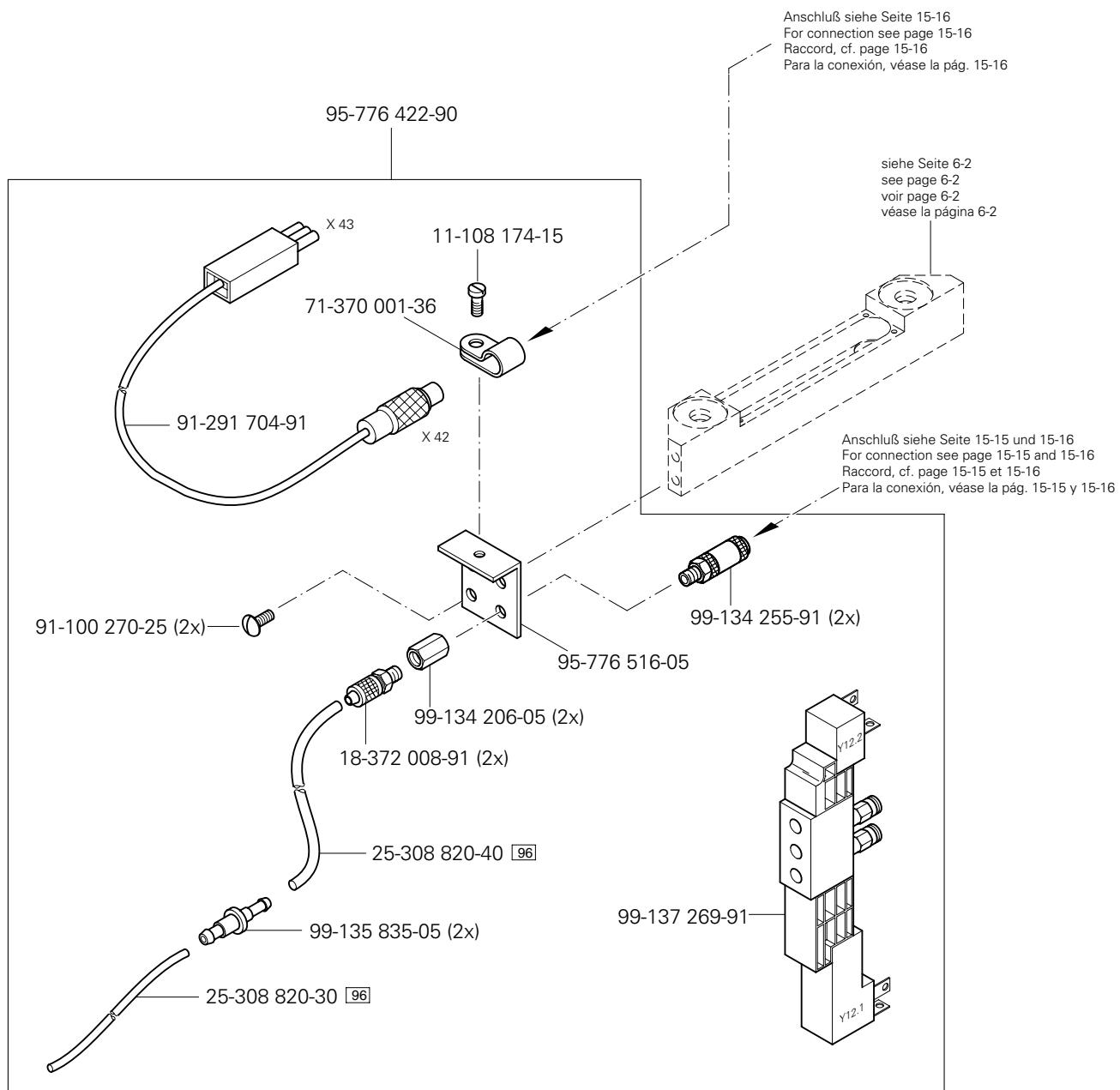
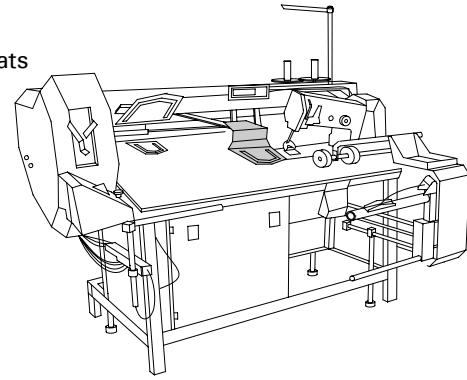


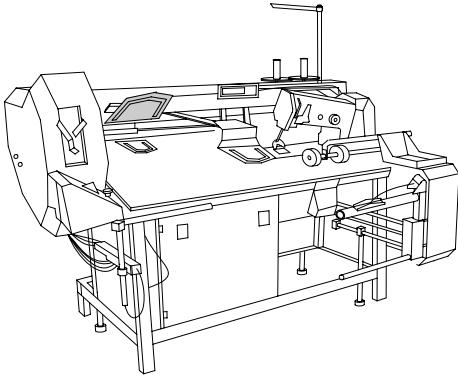
Anschluß siehe Seite 15-17  
For connection see page 15-17  
Raccord, cf. page 15-17  
Para la conexión, véase la pág. 15-17



Anschluß siehe Seite 15-17  
For connection see page 15-17  
Raccord, cf. page 15-17  
Para la conexión, véase la pág. 15-17







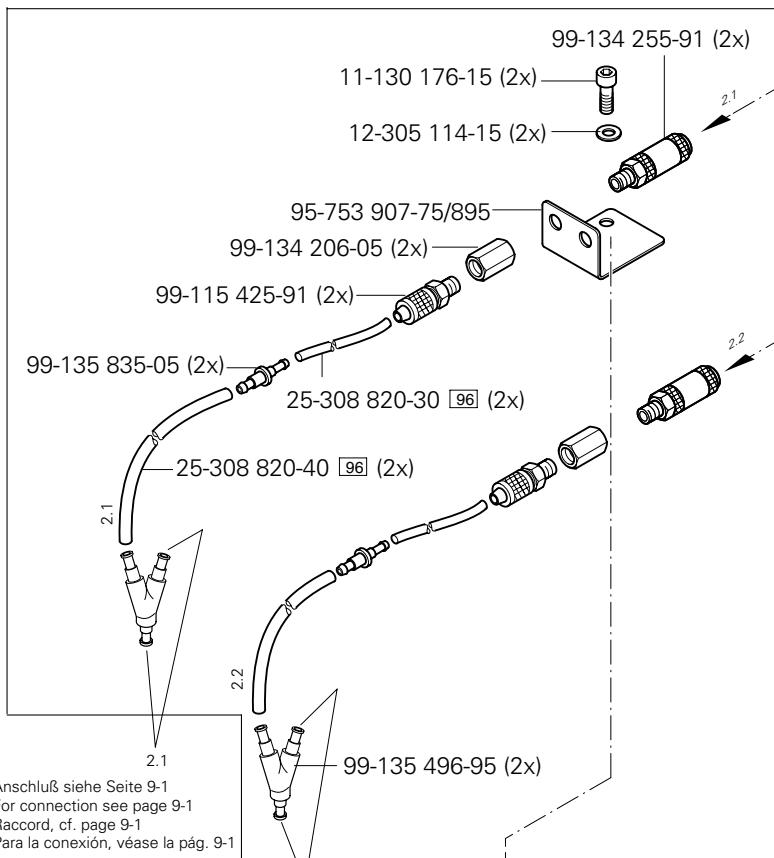
Anbausatz für Etiketten

Add-on kit for label

Jeu de pièces adaptables pour étiquettes

Juego de piezas acoplables para etiquetas PFAFF 3588-02/021

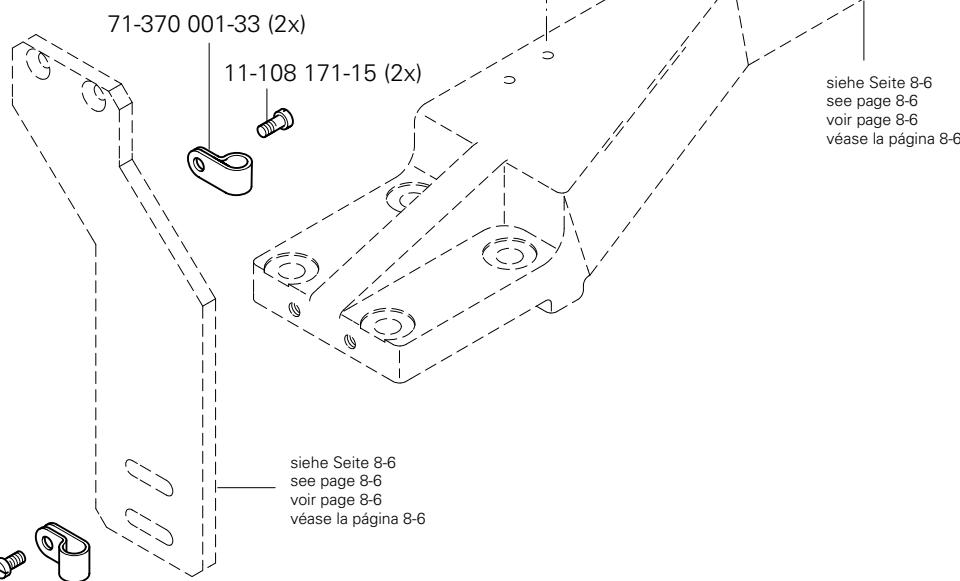
**15.07**



Anschluß siehe Seite 15-12 und 15-13  
For connection see page 15-12 and 15-13  
Raccord, cf. page 15-12 et 15-13  
Para la conexión, véase la págs. 15-12 y 15-13

Anschluß siehe Seite 9-1  
For connection see page 9-1  
Raccord, cf. page 9-1  
Para la conexión, véase la págs. 9-1

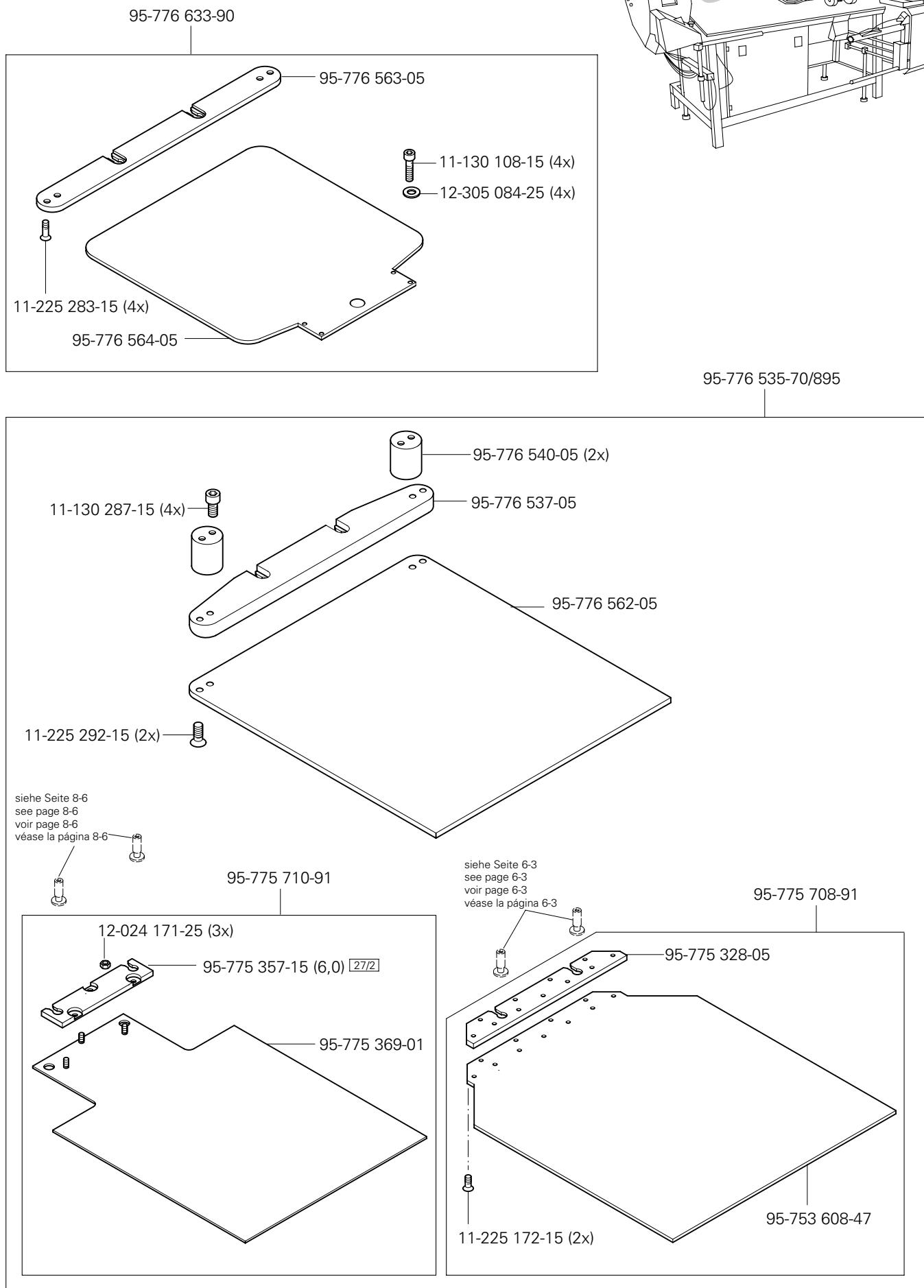
Anschluß siehe Seite 9-1  
For connection see page 9-1  
Raccord, cf. page 9-1  
Para la conexión, véase la págs. 9-1

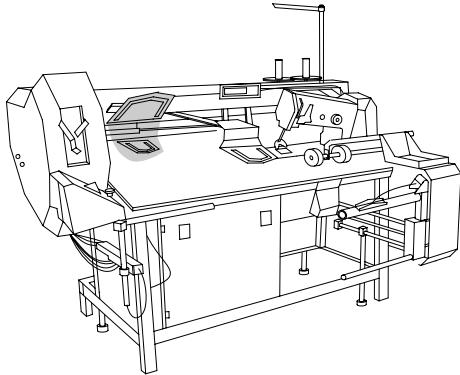


siehe Seite 8-6  
see page 8-6  
voir page 8-6  
véase la página 8-6

siehe Kapitel 2 Erläuterung der Schlüsselzeichen  
see chapter 2 Explanation of key markings  
voir le chap. 2 Explication des symboles  
véase el Cap. 2 Explicaciones de los signos clave

**15.08**

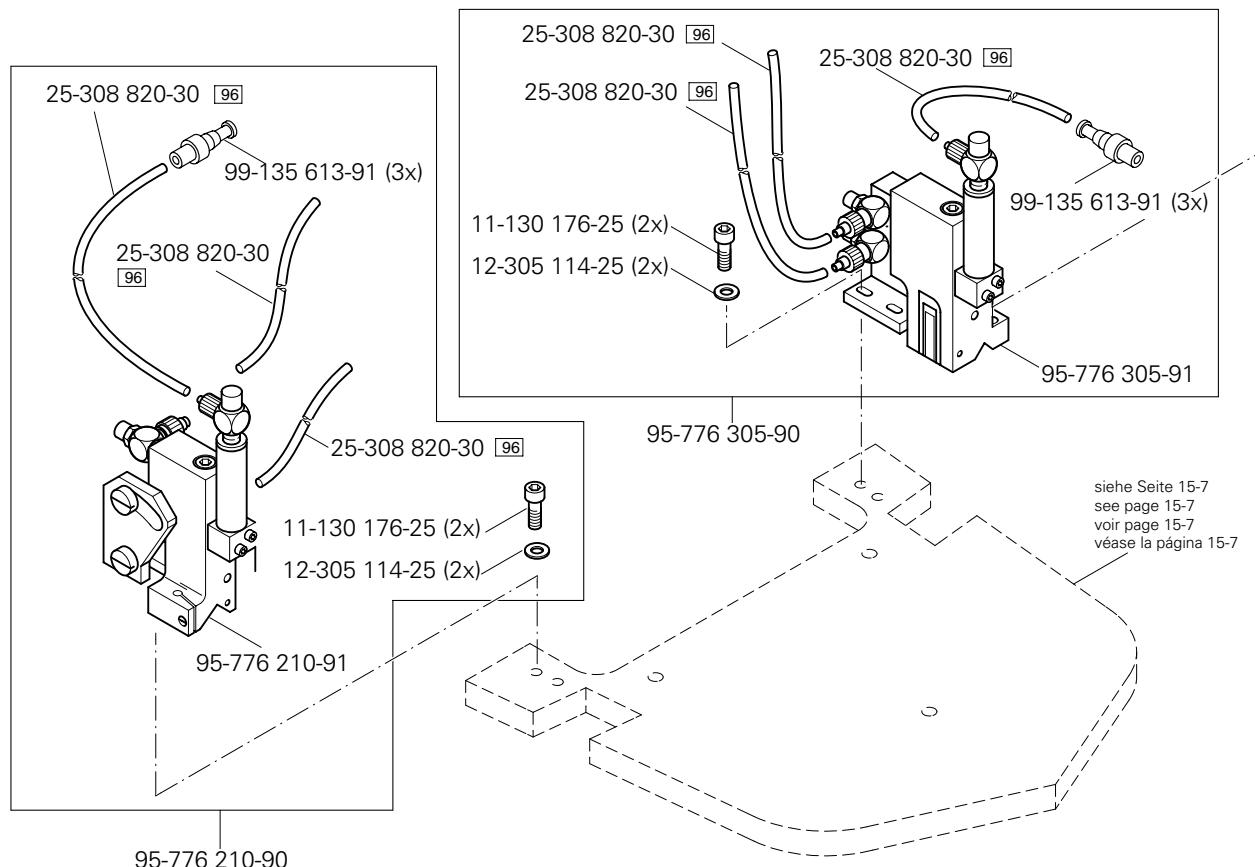
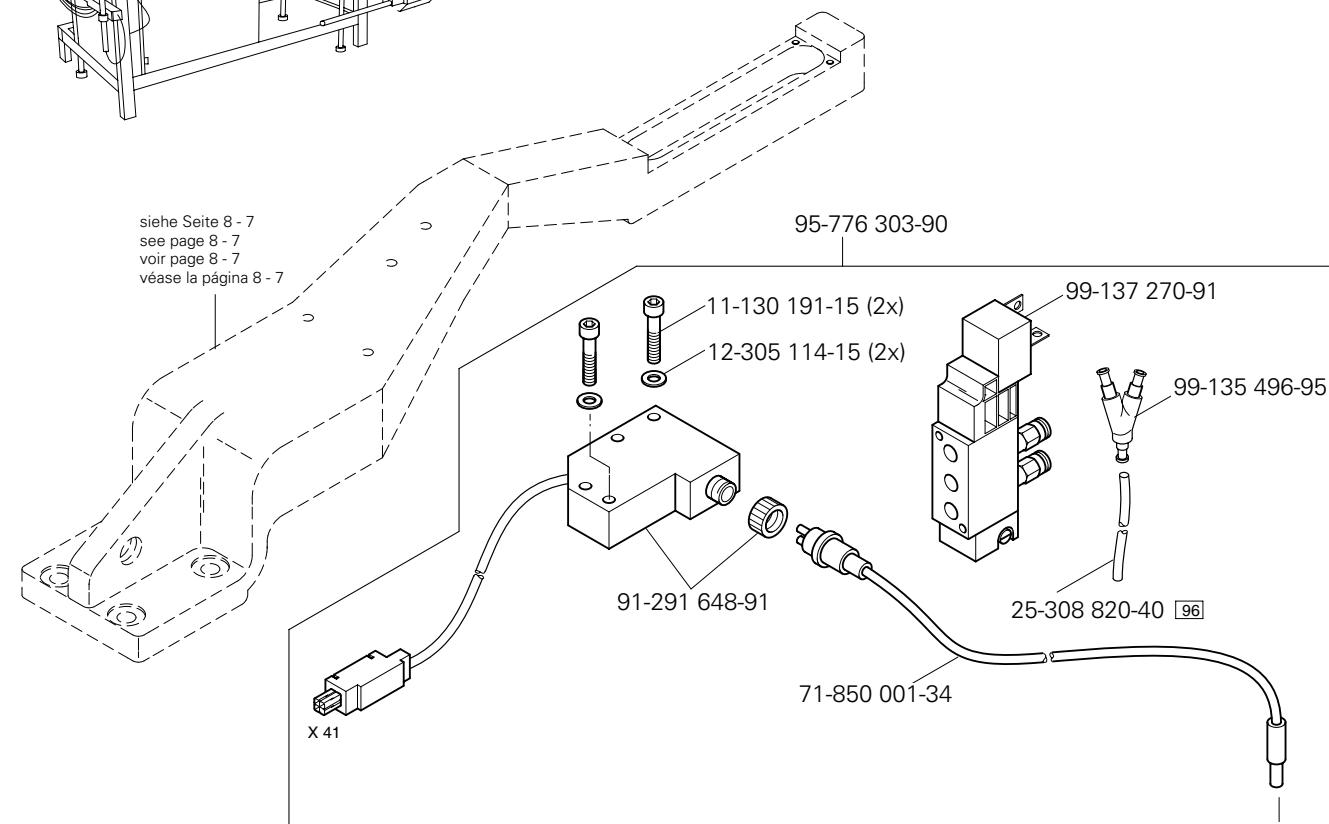




**Etikettenpositioniereinrichtung  
Label positioning device  
Dispositif de positionnement d'étiquettes  
Dispositivo posicionador de etiquetas**

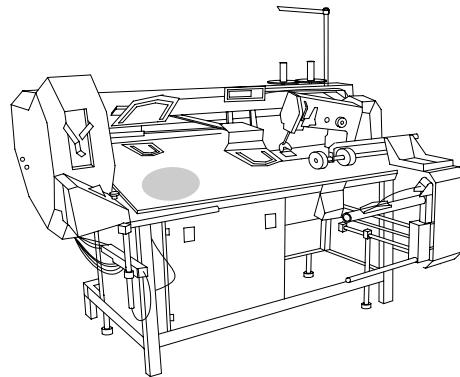
PFAFF  
3588-02/021

**15.09**



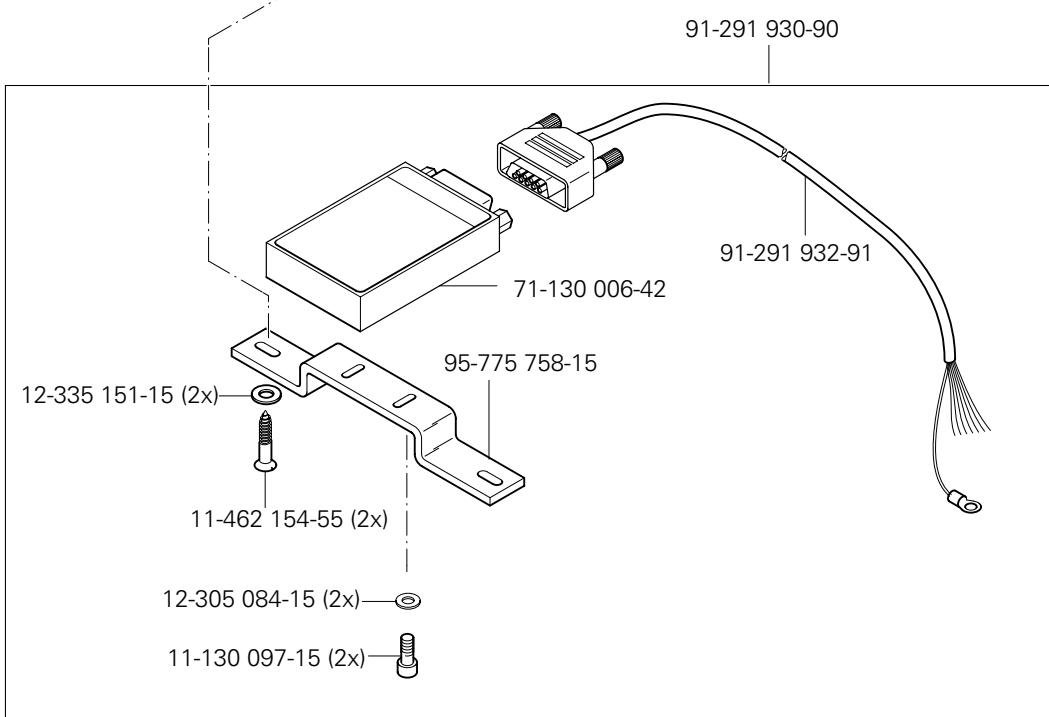
# 15.10

Anbausatz für Programmerkennung  
 Add-on kit for program identification  
 Kit pour reconnaissance de programme  
 Kit para identificación del programa PFAFF 3588-02/021

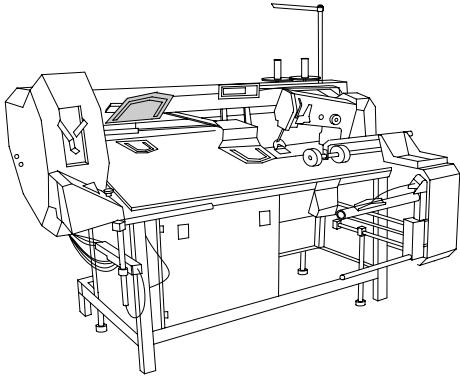


siehe Seite 4-1  
 see page 4-1  
 voir page 4-1  
 véase la página 4-1

siehe Seite 15-14  
 see page 15-14  
 voir page 15-14  
 véase la página 15-14



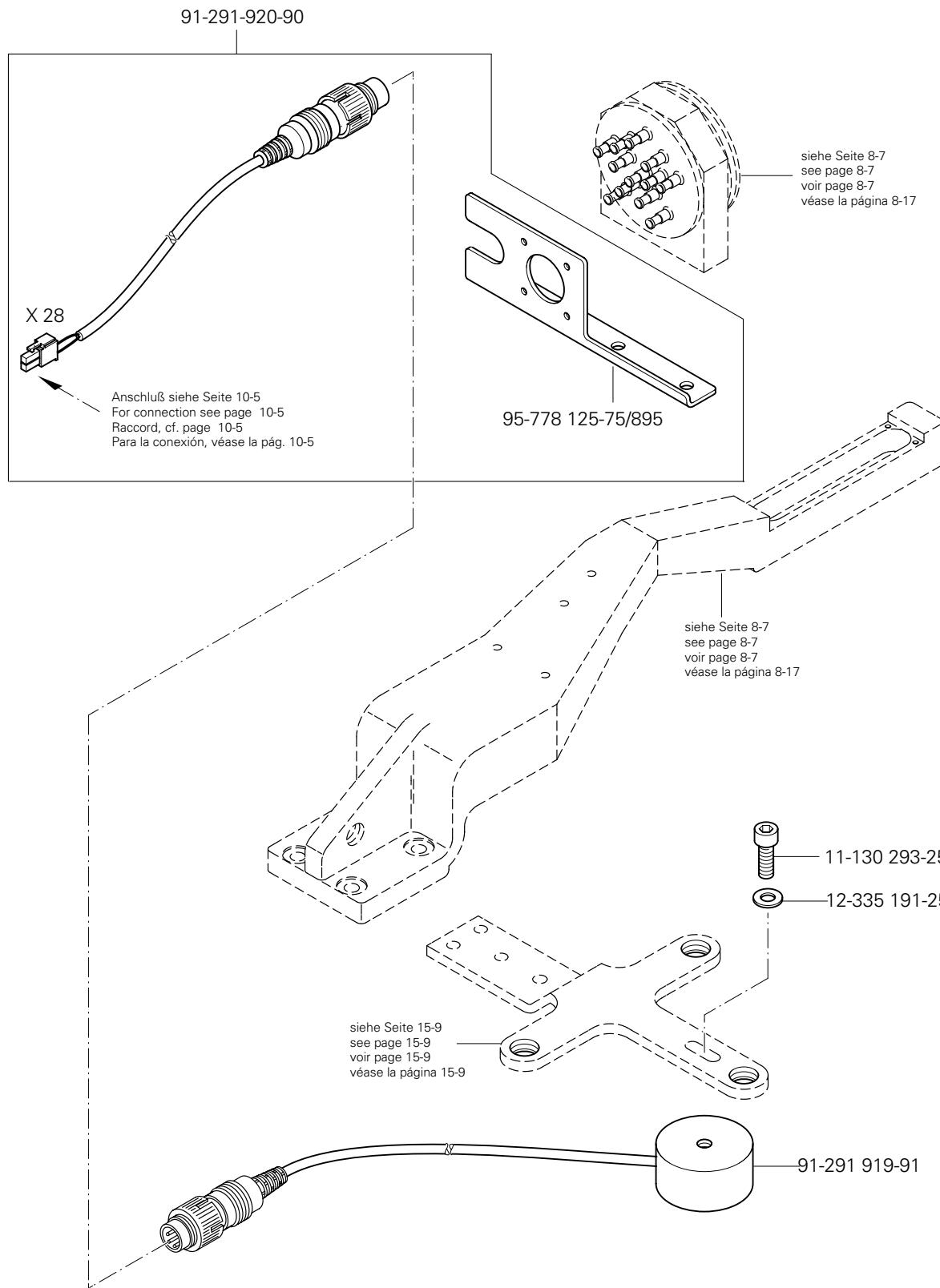
siehe Kapitel 2 Erläuterung der Schlüsselzeichen  
 see chapter 2 Explanation of key markings  
 voir le chap. 2 Explication des symboles  
 véase el Cap. 2 Explicaciones de los signos clave

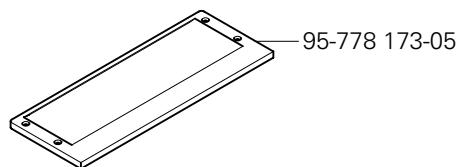
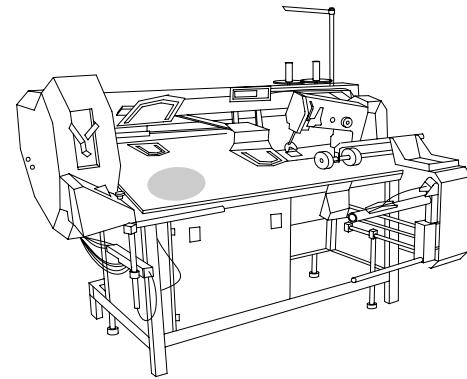


Anbausatz für Magnet  
Add-on kit for soleniod  
Jeu de pièces adaptables pour electro-aimant  
Juego de piezas acoplables para Electroimán

PFAFF 3588-02/021

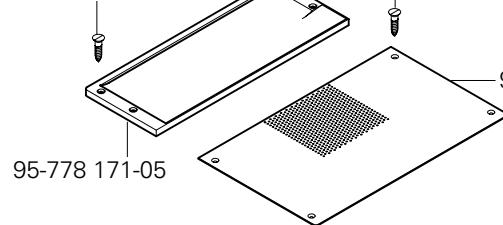
15.11



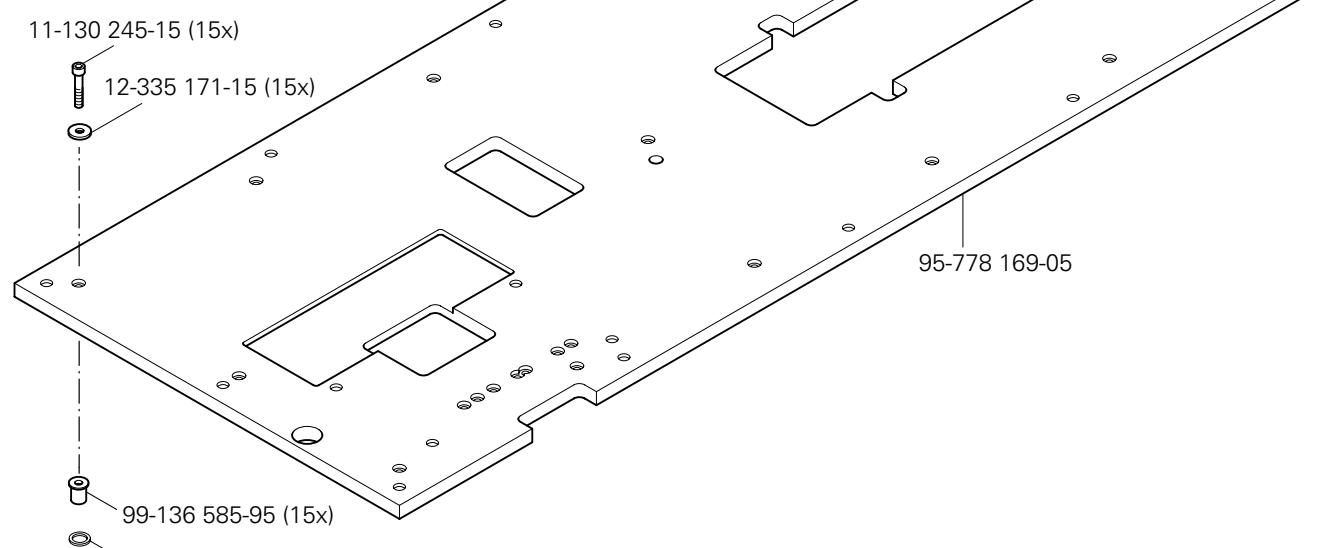
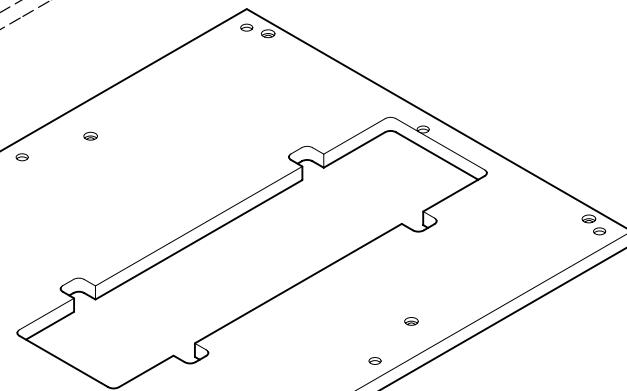
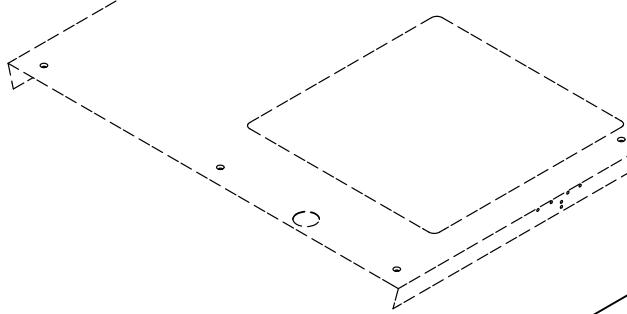
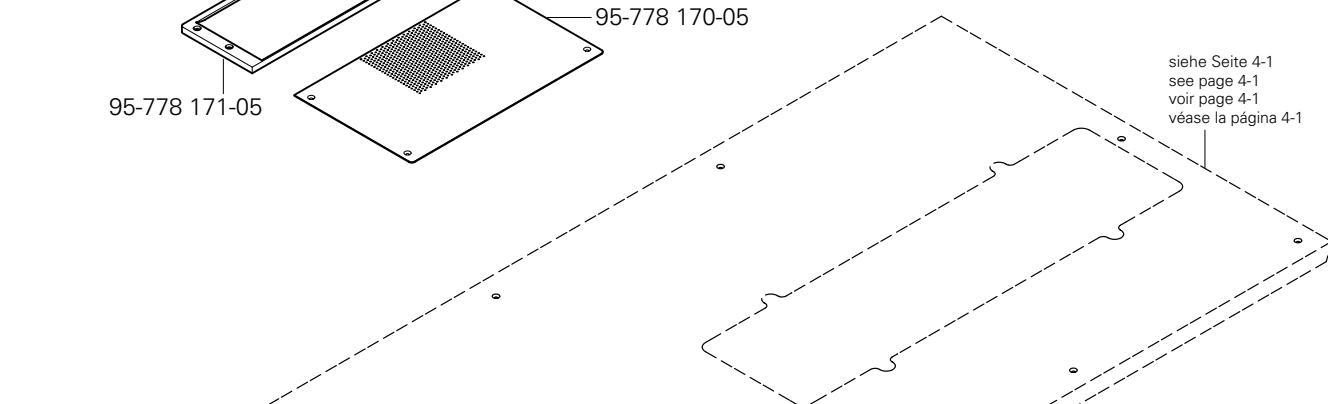
**15.12**

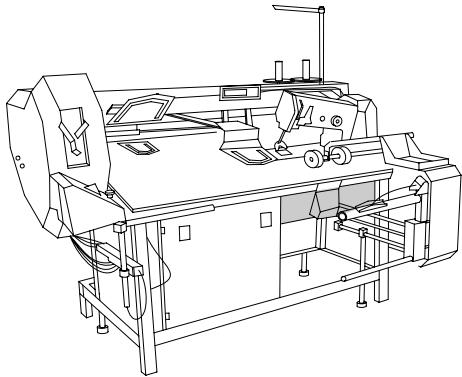
11-472 199-55 (4x)

11-472 193-55 (4x)



siehe Seite 4-1  
see page 4-1  
voir page 4-1  
véase la página 4-1

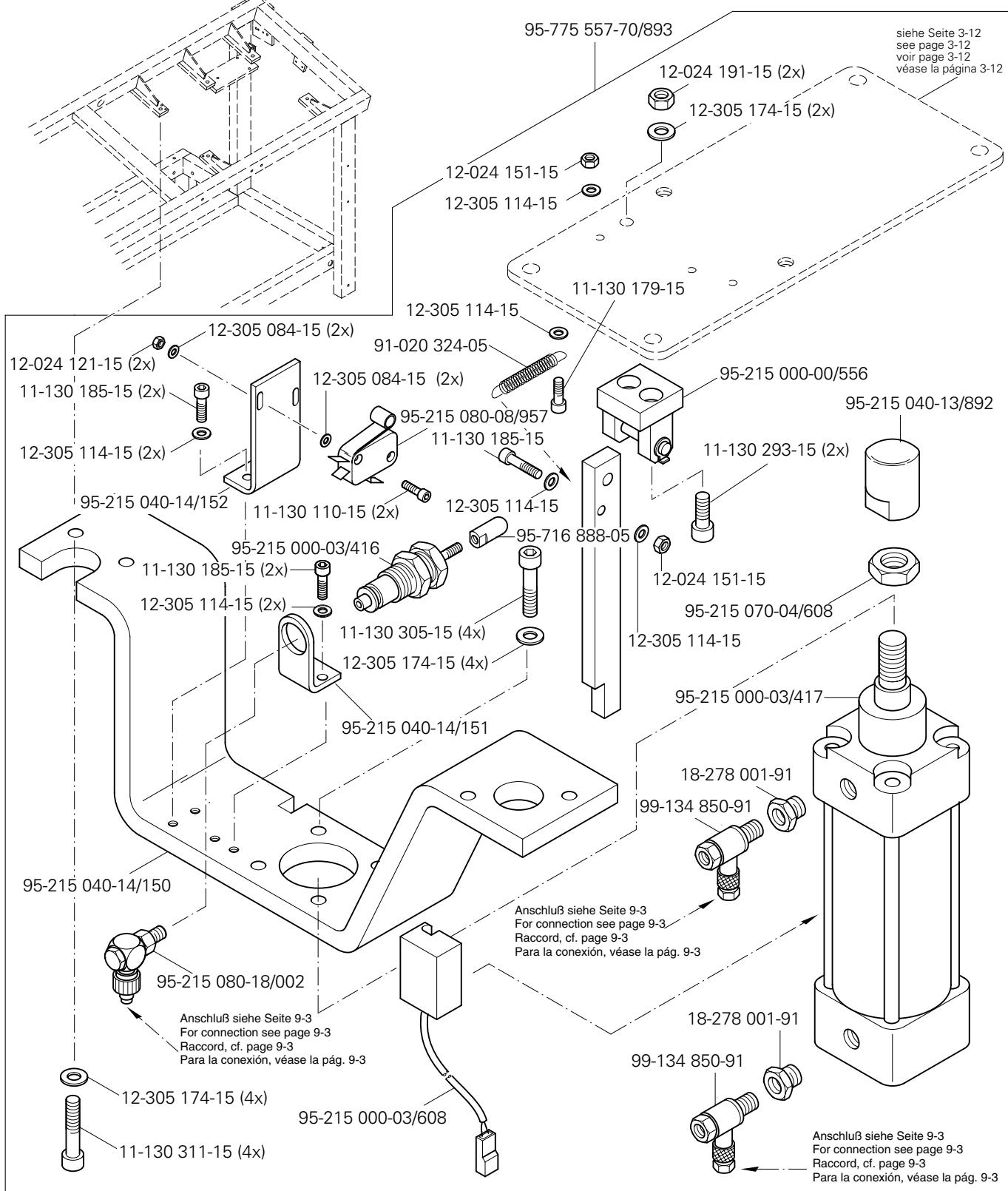




Hubvorrichtung  
Lifting mechanism  
Mécanisme élévateur  
Dispositivo de elevación

PFAFF 3588-02/021

15.13



| No.           | Seite<br>Page<br>Pages<br>Página | No.           | Seite<br>Page<br>Pages<br>Página   | No.           | Seite<br>Page<br>Pages<br>Página                    | No.           | Seite<br>Page<br>Pages<br>Página |
|---------------|----------------------------------|---------------|--|---------------|---|---------------|----------------------------------|
| 11-032 402-15 | 5 - 1                            | 11-130 101-15 | 6 - 3  | 11-130 284-15 | 3 - 16, 3 - 20,<br>15 - 6                           | 11-130 719-15 | 7 - 3, 7 - 5                     |
| 11-032 582-15 | 15 - 6                           | 11-130 108-15 | 6 - 7, 15 - 19   | 11-130 284-25 | 10 - 8  | 11-130 906-15 | 3 - 9, 7 - 3,<br>10 - 15         |
| 11-039 179-15 | 6 - 3, 6 - 4                     | 11-130 110-15 | 15 - 24  | 11-130 287-15 | 3 - 1, 3 - 9,<br>5 - 1, 7 - 6,<br>15 - 19           | 11-130 918-15 | 8 - 5                            |
| 11-039 225-15 | 3 - 3                            | 11-130 113-15 | 15 - 2   | 11-130 287-25 | 10 - 7  | 11-130 939-15 | 3 - 17                           |
| 11-039 231-15 | 8 - 6                            | 11-130 170-15 | 15 - 7, 15 - 8   | 11-130 293-15 | 3 - 19, 5 - 1,<br>7 - 3, 10 - 3,<br>15 - 2, 15 - 5, | 11-132 169-15 | 3 - 4                            |
| 11-039 240-15 | 3 - 19                           | 11-130 173-15 | 3 - 20, 3 - 21,<br>6 - 2, 8 - 6,<br>8 - 7  | 11-130 293-25 | 15 - 24   | 11-132 286-15 | 7 - 1                            |
| 11-039 306-15 | 12 - 1                           | 11-130 176-15 | 3 - 12, 3 - 15,<br>8 - 7, 10 - 15,<br>15 - 4, 15 - 7                                       | 11-130 296-15 | 6 - 2, 8 - 6,<br>8 - 7, 15 - 22                     | 11-132 532-15 | 3 - 1                            |
| 11-039 318-15 | 8 - 5                            |               | 15 - 8, 15 - 12,<br>15 - 13, 15 - 14,<br>15 - 18   | 11-130 299-15 | 15 - 4  | 11-172 127-25 | 3 - 4                            |
| 11-039 354-15 | 10 - 12                          |               | 15 - 20  | 11-130 299-25 | 7 - 5, 8 - 3  | 11-173 171-15 | 8 - 1, 8 - 5                     |
| 11-039 378-15 | 10 - 2                           | 11-130 176-25 |  | 11-130 309-15 | 10 - 10   | 11-173 171-25 | 10 - 8, 10 - 10,<br>10 - 12      |
| 11-039 459-15 | 6 - 6, 6 - 7                     | 11-130 179-15 | 6 - 3, 6 - 4,<br>7 - 5, 10 - 15,<br>15 - 1, 15 - 2,<br>15 - 8, 15 - 9,<br>15 - 15, 15 - 24 | 11-130 305-15 | 8 - 2, 8 - 5,<br>15 - 24                            | 11-173 177-15 | 3 - 2                            |
| 11-039 749-15 | 3 - 1                            |               |  | 11-130 311-15 | 15 - 4, 15 - 24                                     | 11-173 222-25 | 10 - 4                           |
| 11-105 113-15 | 15 - 15                          |               |  | 11-130 317-15 | 8 - 1   | 11-174 082-15 | 3 - 3                            |
| 11-105 275-25 | 8 - 5                            | 11-130 185-15 | 15 - 24  | 11-130 323-15 | 5 - 2   | 11-174 176-15 | 3 - 4                            |
| 11-108 009-25 | 3 - 14                           | 11-130 191-15 | 7 - 5, 15 - 8,<br>15 - 20  | 11-130 332-15 | 7 - 3   | 11-174 912-15 | 3 - 14                           |
| 11-108 084-15 | 3 - 14                           | 11-130 197-15 | 15 - 3   | 11-130 353-15 | 10 - 4  | 11-180 169-25 | 3 - 1, 3 - 4                     |
| 11-108 087-15 | 3 - 14                           | 11-130 203-15 | 15 - 8   | 11-130 359-15 | 10 - 4  | 11-180 223-25 | 3 - 4                            |
| 11-108 093-25 | 10 - 12                          | 11-130 206-15 | 15 - 7   | 11-130 365-15 | 10 - 1, 15 - 4                                      | 11-186 976-15 | 15 - 12, 15 - 13                 |
| 11-108 099-25 | 10 - 4, 10 - 5,<br>10 - 13       | 11-130 209-15 | 9 - 1, 9 - 3,<br>15 - 7  | 11-130 371-15 | 8 - 6   | 11-210 035-15 | 15 - 12, 15 - 13                 |
| 11-108 108-15 | 3 - 10                           | 11-130 224-15 | 3 - 5, 3 - 19,<br>5 - 2, 6 - 3,<br>6 - 4, 15 - 8,<br>15 - 15, 15 - 16                      | 11-130 377-15 | 8 - 1, 8 - 7,<br>10 - 7, 15 - 2                     | 11-210 044-25 | 3 - 3                            |
| 11-108 171-15 | 15 - 18                          |               | 11 - 3   | 11-130 383-15 | 8 - 1   | 11-210 084-25 | 3 - 10                           |
| 11-108 174-15 | 3 - 15, 15 - 17                  | 11-130 224-25 |  | 11-130 389-15 | 5 - 2   | 11-210 088-25 | 6 - 3, 8 - 6,<br>8 - 7           |
| 11-108 177-25 | 10 - 4, 11 - 1                   | 11-130 227-15 | 7 - 1, 7 - 5,<br>8 - 6, 15 - 16  | 11-130 395-15 | 7 - 5   | 11-210 165-15 | 3 - 4, 10 - 10                   |
| 11-108 219-15 | 3 - 16                           | 11-130 227-25 | 11 - 3, 11 - 4   |               |   | 11-210 168-15 | 3 - 6                            |
| 11-108 222-15 | 3 - 2, 3 - 3,<br>3 - 14          | 11-130 233-15 | 3 - 1, 5 - 2,<br>6 - 1, 6 - 3,<br>6 - 5, 7 - 1,  | 11-130 452-15 | 5 - 1, 6 - 6,<br>6 - 7, 15 - 1,<br>15 - 2           | 11-210 169-25 | 10 - 6                           |
| 11-108 225-15 | 3 - 1                            |               | 7 - 6, 8 - 2,<br>8 - 7, 10 - 15  | 11-130 458-15 | 8 - 5   | 11-225 094-15 | 6 - 3                            |
| 11-108 228-25 | 11 - 1                           | 11-130 239-15 | 3 - 1, 8 - 2   | 11-130 461-15 | 6 - 1, 6 - 5  | 11-225 169-15 | 3 - 16                           |
| 11-108 255-15 | 3 - 7                            | 11-130 239-25 | 11 - 2, 11 - 4   | 11-130 464-15 | 6 - 1, 6 - 5,<br>6 - 6, 6 - 7,<br>7 - 1, 8 - 1      | 11-225 172-15 | 15 - 14, 15 - 19                 |
| 11-108 306-15 | 3 - 17                           | 11-130 245-15 | 4 - 1, 6 - 3,<br>10 - 15, 15 - 23  | 11-130 482-15 | 7 - 3   | 11-225 175-25 | 3 - 12                           |
| 11-108 315-15 | 3 - 17                           | 11-130 251-15 | 3 - 9, 3 - 19,<br>8 - 1  | 11-130 533-15 | 10 - 1  | 11-225 178-15 | 15 - 7, 15 - 15                  |
| 11-108 846-15 | 3 - 8, 3 - 15                    | 11-130 257-15 | 3 - 17   |               |   | 11-225 196-15 | 7 - 6                            |
| 11-130 089-15 | 3 - 4                            | 11-130 257-25 | 9 - 5  | 11-130 551-15 | 7 - 3   | 11-225 220-15 | 3 - 1, 7 - 3                     |
| 11-130 097-15 | 6 - 3, 15 - 21                   | 11-130 281-15 | 3 - 4  | 11-130 557-15 | 8 - 1   | 11-225 223-25 | 11 - 5                           |

| No.           | Seite<br>Page<br>Pages<br>Página          | No.           | Seite<br>Page<br>Pages<br>Página     | No.           | Seite<br>Page<br>Pages<br>Página  | No.           | Seite<br>Page<br>Pages<br>Página                   |
|---------------|---|---------------|--------------------------------------|---------------|---|---------------|--|
| 11-225 226-15 | 15 - 9                                    | 11-335 280-15 | 3 - 3                                | 12-024 191-15 | 6 - 6, 6 - 7,<br>8 - 2, 8 - 5,<br>10 - 15, 15 - 4,<br>15 - 16, 15 - 24        | 12-335 151-15 | 6 - 2, 8 - 6,<br>8 - 7, 15 - 3,<br>15 - 9, 15 - 21 |
| 11-225 232-15 | 3 - 8, 5 - 2,<br>6 - 3                    | 11-335 379-15 | 3 - 21                               |               |   | 12-335 171-15 | 4 - 1, 8 - 6,<br>15 - 23                           |
| 11-225 238-15 | 6 - 1, 6 - 5,<br>11 - 5                   | 11-335 902-15 | 3 - 5, 3 - 15,<br>3 - 18             | 12-024 191-25 | 3 - 6, 12 - 1   | 12-335 191-15 | 8 - 5  |
| 11-225 283-15 | 15 - 19                                   | 11-341 085-15 | 15 - 12, 15 - 13                     | 12-024 211-15 | 5 - 1, 8 - 1,<br>15 - 4   | 12-335 191-25 | 15 - 22  |
| 11-225 292-15 | 15 - 19                                   | 11-341 169-15 | 6 - 3, 6 - 4,<br>6 - 6, 6 - 7        | 12-024 231-15 | 6 - 6, 6 - 7,<br>15 - 4   | 12-335 210-15 | 10 - 2   |
| 11-225 358-15 | 5 - 1, 6 - 3,<br>6 - 4                    | 11-341 217-15 | 3 - 8                                | 12-024 251-15 | 5 - 1, 15 - 6   | 12-349 901-05 | 3 - 14   |
| 11-225 364-15 | 8 - 2                                     | 11-341 280-15 | 3 - 2                                | 12-024 291-15 | 6 - 6, 6 - 7  | 12-360 124-05 | 3 - 22   |
| 11-225 457-15 | 6 - 6, 6 - 7                              | 11-341 901-15 | 3 - 14                               | 12-024 291-25 | 3 - 1   | 12-360 141-05 | 7 - 1  |
| 11-225 902-15 | 3 - 8                                     | 11-341 902-15 | 3 - 5, 3 - 15                        | 12-105 190-25 | 11 - 1  | 12-360 143-05 | 7 - 1  |
| 11-225 904-05 | 10 - 1                                    | 11-341 905-15 | 3 - 5, 3 - 18                        | 12-160 193-25 | 11 - 5  | 12-360 181-05 | 8 - 3  |
| 11-250 084-25 | 3 - 6                                     | 11-460 193-15 | 10 - 15                              | 12-305 084-15 | 6 - 3, 10 - 16,<br>15 - 2, 15 - 10,<br>15 - 11, 15 - 12,<br>15 - 13, 15 - 21, | 12-360 184-05 | 8 - 3  |
| 11-317 971-15 | 3 - 8                                     | 11-462 154-55 | 15 - 21                              |               |   | 12-380 170-25 | 6 - 2, 8 - 6,<br>8 - 7                             |
| 11-330 082-15 | 10 - 16                                   | 11-472 193-25 | 4 - 1                                | 12-305 084-25 | 15 - 24   | 12-499 150-45 | 8 - 7, 10 - 15                                     |
| 11-330 166-15 | 3 - 3, 3 - 7,<br>3 - 13, 3 - 20,<br>8 - 4 | 11-472 193-55 | 4 - 1, 15 - 23                       | 12-305 114-15 | 6 - 3, 6 - 4,<br>7 - 6, 8 - 7,  | 12-499 170-45 | 6 - 3, 6 - 4,<br>7 - 6                             |
| 11-330 169-15 | 3 - 4, 3 - 15,<br>3 - 18, 7 - 1           | 11-472 199-25 | 4 - 1                                |               | 10 - 12, 10 - 15,<br>15 - 4, 15 - 7,  | 12-499 190-45 | 5 - 2, 10 - 15,<br>15 - 4                          |
| 11-330 175-15 | 7 - 1                                     | 11-472 199-55 | 15 - 23                              |               | 15 - 8, 15 - 14,<br>15 - 18, 15 - 20,   | 12-499 210-45 | 10 - 7   |
| 11-330 217-15 | 3 - 7, 3 - 13,<br>6 - 1, 6 - 5            | 11-550 223-15 | 11 - 1, 11 - 5                       |               | 15 - 24   | 12-499 230-45 | 6 - 1, 6 - 5,<br>6 - 6, 6 - 7,                     |
| 11-330 220-15 | 3 - 3, 3 - 7,<br>3 - 15, 7 - 1            | 11-706 169-05 | 3 - 3                                | 12-305 114-25 | 10 - 8, 15 - 20   |               | 8 - 1, 15 - 1,<br>15 - 2                           |
| 11-330 277-15 | 3 - 1, 3 - 15,<br>3 - 19, 11 - 1          | 11-724 190-55 | 10 - 12                              | 12-305 144-15 | 3 - 3, 3 - 17,<br>6 - 3, 7 - 1,<br>8 - 2, 8 - 6,                              | 12-499 290-45 | 7 - 3  |
| 11-330 280-15 | 3 - 3, 5 - 2,<br>7 - 3, 8 - 4             | 11-724 907-55 | 11 - 4                               |               | 15 - 16   | 12-500 151-45 | 15 - 8   |
| 11-330 283-15 | 3 - 1                                     | 12-005 154-25 | 3 - 4, 15 - 12,<br>15 - 13           | 12-305 144-25 | 9 - 5, 11 - 2,<br>11 - 3, 11 - 4  | 12-501 150-45 | 7 - 5  |
| 11-330 286-15 | 7 - 1                                     | 12-005 195-15 | 3 - 9, 8 - 1                         | 12-305 174-15 | 5 - 2, 7 - 6,<br>8 - 2, 8 - 3,<br>15 - 4, 15 - 5,                             | 12-501 170-45 | 7 - 5, 8 - 2,<br>8 - 7                             |
| 11-330 304-15 | 15 - 4                                    | 12-005 215-15 | 3 - 17, 3 - 21,<br>10 - 10, 10 - 12  | 12-305 174-25 | 15 - 24   | 12-501 190-45 | 7 - 3, 8 - 2                                       |
| 11-330 352-15 | 3 - 1                                     | 12-010 240-15 | 10 - 16                              |               | 3 - 4   | 12-501 210-45 | 7 - 5, 8 - 1                                       |
| 11-330 364-15 | 6 - 1, 6 - 5                              | 12-024 121-15 | 15 - 12, 15 - 13,<br>15 - 24         | 12-305 224-15 | 10 - 1  | 12-501 230-45 | 7 - 3  |
| 11-330 370-15 | 8 - 1                                     | 12-024 121-25 | 10 - 16, 15 - 10,<br>15 - 11         |               |   | 12-505 171-15 | 7 - 5  |
| 11-330 952-15 | 3 - 5, 3 - 6,<br>3 - 13, 3 - 18           | 12-024 151-15 | 7 - 6, 15 - 24                       | 12-305 264-15 | 5 - 1, 6 - 1,<br>6 - 5, 6 - 6,<br>6 - 7, 8 - 1,                               | 12-510 170-25 | 10 - 10  |
| 11-330 955-15 | 10 - 3                                    | 12-024 171-15 | 3 - 16, 3 - 17,<br>7 - 6, 10 - 15    |               | 8 - 5, 15 - 1,<br>15 - 2, 15 - 4  | 12-512 111-25 | 10 - 10  |
| 11-330 960-15 | 3 - 2, 3 - 5                              | 12-024 171-25 | 3 - 19, 3 - 22,<br>11 - 3, 11 - 4,   | 12-305 314-15 | 5 - 1, 15 - 6   | 12-512 220-05 | 10 - 10  |
| 11-330 962-15 | 3 - 3                                     |               | 11 - 5, 13 - 1,<br>15 - 10, 15 - 11, | 12-315 090-25 | 3 - 4   | 12-517 250-45 | 6 - 1, 6 - 5                                       |
| 11-330 964-15 | 3 - 5, 3 - 14,<br>3 - 15                  |               | 15 - 12, 15 - 13,<br>15 - 19         | 12-322 028-05 | 3 - 8   | 12-610 200-45 | 3 - 15   |
| 11-335 085-15 | 3 - 14, 6 - 2                             | 12-024 172-15 | 3 - 17                               | 12-333 230-15 | 3 - 1   | 12-610 210-45 | 3 - 3, 6 - 1,<br>6 - 5                             |

| No.           | Seite<br>Page<br>Pages<br>Página         | No.           | Seite<br>Page<br>Pages<br>Página | No.           | Seite<br>Page<br>Pages<br>Página                                   | No.           | Seite<br>Page<br>Pages<br>Página |
|---------------|--|---------------|----------------------------------|---------------|--|---------------|----------------------------------|
| 12-610 230-45 | 3 - 14                                   | 14-016 103-01 | 3 - 15, 3 - 18                   | 16-047 020-15 | 11 - 3, 15 - 15  | 25-308 820-60 | 9 - 1, 9 - 5                     |
| 12-610 250-45 | 6 - 3, 6 - 4                             | 14-016 120-01 | 6 - 1, 6 - 5                     | 16-047 131-55 | 3 - 22   | 25-405 604-11 | 15 - 14                          |
| 12-610 270-45 | 15 - 4                                   | 14-016 131-91 | 3 - 15                           | 16-049 020-11 | 3 - 17, 11 - 3,<br>15 - 15   | 25-405 604-12 | 15 - 14                          |
| 12-610 310-45 | 3 - 3                                    | 14-016 133-01 | 3 - 15                           | 16-049 021-11 | 3 - 17   | 25-405 604-33 | 15 - 14                          |
| 12-610 330-45 | 8 - 3                                    | 14-016 150-01 | 3 - 5                            | 16-409 970-05 | 3 - 5  | 25-901 610-03 | 10 - 3                           |
| 12-610 380-45 | 3 - 1                                    | 14-016 151-91 | 3 - 5                            | 16-414 127-05 | 3 - 18   | 26-536 301-09 | 3 - 14, 3 - 16                   |
| 12-610 570-45 | 15 - 1, 15 - 2                           | 14-018 594-01 | 7 - 1                            | 16-920 007-15 | 6 - 6, 6 - 7   | 26-536 302-09 | 3 - 13                           |
| 12-640 130-55 | 3 - 4, 3 - 6                             | 14-018 640-01 | 8 - 2, 8 - 3                     | 17-518 010-51 | 9 - 6  | 28-011 201-44 | 14 - 1                           |
| 12-660 390-45 | 3 - 14                                   | 14-018 644-91 | 3 - 5                            | 18-278 001-91 | 3 - 11, 15 - 24  | 28-011 202-05 | 14 - 1                           |
| 12-660 430-45 | 6 - 1, 6 - 5                             | 14-027 902-01 | 15 - 15                          | 18-278 005-91 | 3 - 9  | 28-011 202-10 | 14 - 1                           |
| 12-660 520-45 | 6 - 6, 6 - 7,<br>8 - 1                   | 14-031 081-01 | 6 - 3, 6 - 4                     | 18-372 001-91 | 3 - 11, 8 - 4,<br>9 - 2, 9 - 4                                     | 28-011 202-43 | 14 - 1                           |
| 12-660 550-45 | 6 - 1, 6 - 5,<br>8 - 2, 8 - 3,<br>15 - 4 | 14-031 151-01 | 6 - 1, 6 - 5                     | 18-372 004-91 | 9 - 5  | 28-011 202-47 | 14 - 1                           |
| 12-710 250-12 | 11 - 1                                   | 14-215 022-33 | 3 - 8                            | 18-372 008-91 | 3 - 16, 8 - 4,<br>15 - 17  | 28-911 200-42 | 15 - 14                          |
| 12-710 270-12 | 3 - 3                                    | 14-215 043-13 | 3 - 13                           | 18-373 011-91 | 3 - 9  | 29-013 660-01 | 15 - 14                          |
| 13-030 530-05 | 3 - 20                                   | 14-215 091-13 | 3 - 3                            | 18-378 001-91 | 8 - 4, 8 - 5   | 49-031 450-02 | 10 - 16                          |
| 13-030 635-05 | 3 - 1                                    | 14-215 166-03 | 3 - 3                            | 18-378 004-91 | 9 - 5  | 70-371 500-02 | 7 - 6                            |
| 13-030 641-05 | 3 - 1                                    | 14-218 050-01 | 3 - 8, 6 - 1,<br>6 - 5           | 18-378 008-91 | 3 - 2, 15 - 7,<br>15 - 8   | 71-110 003-07 | 10 - 4                           |
| 13-033 091-05 | 3 - 4                                    | 14-218 090-01 | 3 - 8, 6 - 3,<br>6 - 4           | 18-379 004-91 | 9 - 5  | 71-120 005-32 | 7 - 6                            |
| 13-033 109-05 | 3 - 4                                    | 14-310 240-01 | 15 - 1, 15 - 2                   | 18-381 002-91 | 9 - 6  | 71-120 006-32 | 3 - 10, 15 - 2,<br>15 - 15       |
| 13-033 190-05 | 3 - 14                                   | 14-602 901-01 | 3 - 6                            | 24-101 220-54 | 7 - 6  | 71-130 004-39 | 10 - 3                           |
| 13-033 307-05 | 15 - 4                                   | 14-680 030-15 | 3 - 15                           | 24-101 230-64 | 10 - 5   | 71-130 004-40 | 10 - 3                           |
| 13-033 400-05 | 6 - 1, 6 - 5                             | 14-680 420-15 | 3 - 15, 3 - 18                   | 24-162 253-44 | 10 - 3   | 71-130 005-52 | 6 - 3, 6 - 7                     |
| 13-033 460-05 | 3 - 16                                   | 14-731 451-05 | 7 - 1                            | 25-161 801-49 | 3 - 14   | 71-130 006-42 | 15 - 21                          |
| 13-033 490-05 | 6 - 6, 6 - 7                             | 14-731 915-05 | 6 - 6, 6 - 7                     | 25-161 801-51 | 3 - 7  | 71-140 000-41 | 3 - 22                           |
| 13-033 544-05 | 8 - 4                                    | 14-757 131-01 | 6 - 6, 6 - 7,<br>8 - 1, 8 - 5    | 25-161 801-52 | 3 - 14, 3 - 16   | 71-150 000-69 | 10 - 10                          |
| 13-033 568-05 | 3 - 7                                    | 15-032 001-45 | 3 - 9, 3 - 11                    | 25-161 805-04 | 9 - 6  | 71-160 001-39 | 10 - 5, 10 - 13                  |
| 13-052 088-55 | 3 - 15                                   | 15-032 002-45 | 9 - 6                            | 25-308 820-30 | 3 - 2, 3 - 4,<br>3 - 9, 15 - 7,<br>15 - 15, 15 - 16,               | 71-160 001-40 | 15 - 4                           |
| 13-063 193-05 | 3 - 14                                   | 15-032 006-45 | 3 - 4, 3 - 19,<br>15 - 16        |               | 15 - 17, 15 - 18,<br>15 - 20                                       | 71-160 001-65 | 10 - 15                          |
| 14-010 570-01 | 3 - 14                                   | 15-120 709-05 | 3 - 17                           | 25-308 820-40 | 3 - 11, 3 - 17,<br>8 - 4, 9 - 1,<br>9 - 2, 9 - 3,<br>9 - 4, 9 - 5, | 71-160 003-37 | 10 - 15, 15 - 4                  |
| 14-010 665-01 | 15 - 4                                   | 15-120 924-05 | 3 - 15                           |               | 10 - 16, 15 - 12,<br>15 - 13, 15 - 17,<br>15 - 18, 15 - 20         | 71-160 003-80 | 10 - 4, 10 - 13                  |
| 14-016 080-01 | 3 - 14                                   | 15-125 049-05 | 3 - 16                           |               |  | 71-160 008-14 | 10 - 3                           |
| 14-016 101-91 | 3 - 15, 3 - 18                           | 16-042 903-01 | 7 - 1                            |               |  | 71-190 000-60 | 10 - 10                          |

| No.           | Seite<br>Page<br>Pages<br>Página | No.               | Seite<br>Page<br>Pages<br>Página | No.               | Seite<br>Page<br>Pages<br>Página | No.               | Seite<br>Page<br>Pages<br>Página |
|---------------|----------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| 71-190 001-18 | 10 - 10                          | 91-000 390-05     | 3 - 14                           | 91-118 099-91     | 3 - 6                            | 91-166 915-05     | 3 - 2                            |
| 71-190 002-13 | 10 - 10                          | 91-000 407-15     | 3 - 13                           | 91-118 430-25     | 3 - 4                            | 91-167 435-05     | 3 - 14                           |
| 71-210 002-21 | 10 - 10                          | 91-002 061-05     | 3 - 4                            | 91-118 518-05     | 3 - 3                            | 91-168 144-05     | 3 - 14                           |
| 71-210 002-40 | 10 - 10                          | 91-002 134-05     | 3 - 14                           | 91-118 570-92     | 3 - 5                            | 91-168 194-71/698 | 3 - 4                            |
| 71-210 002-50 | 10 - 10                          | 91-002 262-25     | 3 - 4                            | 91-118 681-05     | 3 - 6                            | 91-168 258-92     | 3 - 15                           |
| 71-210 002-52 | 10 - 10                          | 91-006 525-05     | 3 - 2                            | 91-118 683-05     | 3 - 6                            | 91-169 245-91     | 3 - 14                           |
| 71-370 001-31 | 6 - 7                            | 91-006 526-05     | 3 - 2                            | 91-119 015-15     | 3 - 3                            | 91-170 228-91     | 3 - 5                            |
| 71-370 001-33 | 15 - 18                          | 91-006 814-05     | 3 - 4                            | 91-119 704-91     | 3 - 5                            | 91-170 229-11     | 3 - 5                            |
| 71-370 001-36 | 15 - 17                          | 91-009 026-05     | 3 - 14                           | 91-119 705-12     | 3 - 5                            | 91-170 811-92     | 3 - 18                           |
| 71-370 001-58 | 7 - 6                            | 91-009 076-61     | 3 - 14                           | 91-119 763-05     | 3 - 3                            | 91-171 042-05     | 3 - 6                            |
| 71-370 001-59 | 10 - 6, 10 - 15,<br>15 - 4       | 91-009 298-05     | 3 - 14                           | 91-129 668-25     | 12 - 1                           | 91-171 049-05     | 3 - 6                            |
| 71-370 001-75 | 10 - 6                           | 91-011 909-05     | 6 - 2, 8 - 6,<br>8 - 7           | 91-129 669-75/698 | 12 - 1                           | 91-171 104-91     | 3 - 15                           |
| 71-370 003-95 | 10 - 4                           | 91-014 346-05     | 3 - 4                            | 91-129 670-45     | 12 - 1                           | 91-171 162-91     | 3 - 15                           |
| 71-370 003-96 | 10 - 4                           | 91-020 324-05     | 15 - 24                          | 91-129 671-05     | 12 - 1                           | 91-171 173-92     | 3 - 14                           |
| 71-480 000-12 | 10 - 10                          | 91-022 116-05     | 7 - 6                            | 91-129 917-91     | 14 - 1                           | 91-171 182-15     | 3 - 12                           |
| 71-520 005-17 | 10 - 7                           | 91-024 554-05     | 7 - 6                            | 91-129 919-91     | 14 - 1                           | 91-171 502-91     | 3 - 16                           |
| 71-520 005-19 | 7 - 1                            | 91-031 888-15     | 10 - 15                          | 91-129 920-91     | 14 - 1                           | 91-171 529-15     | 3 - 16                           |
| 71-520 005-20 | 15 - 4                           | 91-056 192-25     | 3 - 4, 3 - 6                     | 91-140 945-05     | 3 - 14                           | 91-171 531-91     | 3 - 16                           |
| 71-523 555-34 | 10 - 2                           | 91-056 193-25     | 3 - 4, 3 - 6                     | 91-161 268-96     | 3 - 13                           | 91-171 785-05     | 3 - 14                           |
| 71-590 007-11 | 10 - 10                          | 91-056 578-91     | 3 - 6                            | 91-164 902-01     | 3 - 3                            | 91-171 797-05     | 3 - 14                           |
| 71-710 000-82 | 10 - 10                          | 91-056 760-05     | 3 - 4                            | 91-165 505-05     | 3 - 14                           | 91-171 850-91     | 3 - 14                           |
| 71-750 002-19 | 10 - 1                           | 91-057 133-04/001 | 3 - 2                            | 91-165 685-05     | 3 - 14                           | 91-171 851-05     | 3 - 14                           |
| 71-750 002-21 | 10 - 7                           | 91-069 062-45     | 3 - 15                           | 91-165 745-15     | 3 - 14                           | 91-171 853-15     | 3 - 14                           |
| 71-750 002-46 | 10 - 8                           | 91-069 240-05     | 3 - 15                           | 91-165 799-45     | 3 - 14                           | 91-171 854-15     | 3 - 14                           |
| 71-760 004-99 | 10 - 4                           | 91-069 241-05     | 3 - 15                           | 91-166 034-01     | 3 - 2                            | 91-171 875-12     | 3 - 8, 3 - 15                    |
| 71-770 000-60 | 10 - 4                           | 91-069 709-12     | 3 - 8                            | 91-166 037-15     | 3 - 2                            | 91-171 939-05     | 3 - 15                           |
| 71-850 001-34 | 15 - 20                          | 91-100 270-25     | 15 - 17                          | 91-166 452-21     | 3 - 6                            | 91-174 058-11     | 3 - 17                           |
| 71-890 000-09 | 10 - 4                           | 91-100 281-25     | 3 - 6                            | 91-166 520-05     | 3 - 3                            | 91-174 060-12     | 3 - 17                           |
| 71-910 000-34 | 10 - 13                          | 91-100 343-15     | 15 - 16                          | 91-166 521-05     | 3 - 3                            | 91-174 067-15     | 3 - 17                           |
| 71-910 000-49 | 10 - 6                           | 91-100 355-05     | 3 - 3                            | 91-166 529-05     | 3 - 8                            | 91-174 481-12     | 3 - 15                           |
| 71-910 000-50 | 10 - 13                          | 91-105 447-25     | 3 - 4                            | 91-166 531-05     | 3 - 8                            | 91-174 501-15     | 3 - 1                            |
| 71-910 000-52 | 10 - 15                          | 91-106 375-05     | 3 - 14                           | 91-166 532-05     | 3 - 8                            | 91-174 507-05     | 3 - 14                           |
| 91-000 250-15 | 3 - 14                           | 91-106 376-05     | 3 - 14                           | 91-166 589-05     | 3 - 7                            | 91-174 582-05     | 3 - 17                           |

| No.               | Seite<br>Page<br>Pages<br>Página | No.               | Seite<br>Page<br>Pages<br>Página | No.           | Seite<br>Page<br>Pages<br>Página | No.               | Seite<br>Page<br>Pages<br>Página |
|-------------------|----------------------------------|-------------------|----------------------------------|---------------|----------------------------------|-------------------|----------------------------------|
| 91-174 680-91     | 3 - 15                           | 91-266 353-05     | 3 - 4                            | 91-291 498-91 | 10 - 10                          | 91-291 586-93/001 | 10 - 10                          |
| 91-174 740-11     | 3 - 16                           | 91-266 397-01     | 3 - 6                            | 91-291 499-91 | 10 - 8                           | 91-291 593-91     | 7 - 6                            |
| 91-174 783-05     | 3 - 6                            | 91-266 410-25     | 3 - 4                            | 91-291 500-91 | 10 - 13                          | 91-291 594-91     | 10 - 2                           |
| 91-174 879-05     | 3 - 6                            | 91-266 414-05     | 3 - 4                            | 91-291 501-91 | 3 - 22                           | 91-291 595-71/895 | 10 - 3                           |
| 91-175 690-05     | 3 - 14                           | 91-266 456-91     | 3 - 4                            | 91-291 502-91 | 3 - 20                           | 91-291 597-91     | 10 - 13                          |
| 91-175 838-15     | 3 - 14                           | 91-266 545-91     | 3 - 3                            | 91-291 503-91 | 10 - 12                          | 91-291 630-91     | 6 - 3                            |
| 91-176 199-92     | 3 - 3                            | 91-266 651-05     | 3 - 3                            | 91-291 504-91 | 10 - 14                          | 91-291 631-91     | 6 - 3                            |
| 91-176 204-05     | 3 - 3                            | 91-266 727-05     | 3 - 3                            | 91-291 505-91 | 10 - 1                           | 91-291 632-91     | 6 - 3                            |
| 91-176 302-05     | 3 - 3                            | 91-266 757-05     | 3 - 4                            | 91-291 506-91 | 10 - 4                           | 91-291 647-91     | 10 - 5                           |
| 91-176 309-05     | 3 - 3                            | 91-266 791-91     | 3 - 14                           | 91-291 507-91 | 10 - 5                           | 91-291 648-91     | 15 - 20                          |
| 91-176 315-05     | 3 - 3                            | 91-266 792-96     | 3 - 14                           | 91-291 508-91 | 10 - 5                           | 91-291 650-91     | 10 - 5                           |
| 91-176 324-25     | 3 - 4                            | 91-266 793-05     | 3 - 14                           | 91-291 509-91 | 10 - 13                          | 91-291 674-45     | 10 - 10                          |
| 91-176 332-25     | 3 - 4                            | 91-268 076-15     | 3 - 14                           | 91-291 510-91 | 10 - 5                           | 91-291 676-91     | 15 - 15                          |
| 91-176 377-25     | 3 - 4                            | 91-280 078-75/895 | 3 - 1                            | 91-291 511-91 | 10 - 10                          | 91-291 702-91     | 15 - 16                          |
| 91-176 378-05     | 3 - 4                            | 91-290 112-91     | 10 - 7                           | 91-291 512-91 | 9 - 6                            | 91-291 704-91     | 15 - 17                          |
| 91-176 431-05     | 3 - 4                            | 91-290 577-91     | 10 - 7                           | 91-291 514-91 | 10 - 12                          | 91-291 707-91     | 10 - 13                          |
| 91-176 464-05     | 3 - 4                            | 91-291 133-91     | 3 - 4                            | 91-291 515-91 | 10 - 10                          | 91-291 751-91     | 10 - 8                           |
| 91-176 615-12     | 3 - 13                           | 91-291 362-93/001 | 10 - 12                          | 91-291 516-05 | 10 - 10                          | 91-291 760-91     | 10 - 4                           |
| 91-229 073-71/895 | 12 - 1                           | 91-291 479-91     | 10 - 7                           | 91-291 517-05 | 10 - 10                          | 91-291 768-91     | 10 - 8                           |
| 91-229 128-25     | 12 - 1                           | 91-291 480-91     | 10 - 7                           | 91-291 518-91 | 6 - 7                            | 91-291 810-91     | 10 - 4                           |
| 91-229 129-25     | 12 - 1                           | 91-291 482-91     | 10 - 7                           | 91-291 519-91 | 6 - 7                            | 91-291 811-91     | 10 - 4                           |
| 91-264 357-05     | 3 - 6                            | 91-291 483-91     | 10 - 7                           | 91-291 520-91 | 7 - 1                            | 91-291 907-93/001 | 3 - 10                           |
| 91-264 358-05     | 3 - 6                            | 91-291 484-91     | 10 - 14                          | 91-291 521-91 | 7 - 1                            | 91-291 919-91     | 15 - 22                          |
| 91-265 045-05     | 3 - 13                           | 91-291 485-91     | 10 - 6                           | 91-291 549-05 | 10 - 10                          | 91-291 920-90     | 15 - 22                          |
| 91-265 065-05     | 3 - 14                           | 91-291 487-91     | 10 - 10                          | 91-291 550-05 | 10 - 10                          | 91-291 930-90     | 15 - 21                          |
| 91-265 206-91     | 3 - 14                           | 91-291 488-91     | 7 - 1                            | 91-291 551-05 | 10 - 12                          | 91-291 932-91     | 15 - 21                          |
| 91-265 207-91     | 3 - 14                           | 91-291 489-91     | 10 - 10                          | 91-291 552-05 | 10 - 12                          | 91-700 335-25     | 6 - 2, 6 - 7                     |
| 91-265 208-05     | 3 - 14                           | 91-291 490-91     | 10 - 7                           | 91-291 553-05 | 10 - 12                          | 91-700 510-15     | 3 - 5                            |
| 91-265 209-91     | 3 - 14                           | 91-291 491-91     | 10 - 8                           | 91-291 554-05 | 10 - 8                           | 91-700 785-15     | 3 - 2                            |
| 91-265 210-05     | 3 - 14                           | 91-291 492-91     | 10 - 10                          | 91-291 555-91 | 3 - 11                           | 91-701 344-25     | 10 - 16                          |
| 91-265 217-11     | 3 - 17                           | 91-291 494-91     | 10 - 4                           | 91-291 566-91 | 10 - 13                          | 91-701 522-25     | 3 - 4                            |
| 91-265 227-05     | 3 - 14                           | 91-291 496-91     | 10 - 7                           | 91-291 582-91 | 15 - 2                           | 95-215 000-00/556 | 15 - 24                          |
| 91-266 335-01     | 3 - 3                            | 91-291 497-91     | 10 - 4                           | 91-291 583-91 | 15 - 4                           | 95-215 000-00/635 | 7 - 3                            |

| No.               | Seite<br>Page<br>Pages<br>Página | No.               | Seite<br>Page<br>Pages<br>Página | No.               | Seite<br>Page<br>Pages<br>Página | No.               | Seite<br>Page<br>Pages<br>Página |
|-------------------|----------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| 95-215 000-03/299 | 7 - 3                            | 95-215 040-14/143 | 7 - 3                            | 95-215 070-05/901 | 7 - 3, 8 - 1                     | 95-716 888-05     | 15 - 24                          |
| 95-215 000-03/413 | 7 - 5                            | 95-215 040-14/146 | 7 - 3                            | 95-215 070-07/112 | 8 - 1                            | 95-753 342-15     | 10 - 3                           |
| 95-215 000-03/416 | 15 - 24                          | 95-215 040-14/150 | 15 - 24                          | 95-215 070-42/609 | 8 - 4                            | 95-753 564-05     | 15 - 8                           |
| 95-215 000-03/417 | 15 - 24                          | 95-215 040-14/151 | 15 - 24                          | 95-215 080-06/501 | 8 - 1                            | 95-753 577-05     | 6 - 3, 6 - 4                     |
| 95-215 000-03/608 | 15 - 24                          | 95-215 040-14/152 | 15 - 24                          | 95-215 080-08/921 | 8 - 4                            | 95-753 578-75/893 | 6 - 1, 6 - 5                     |
| 95-215 000-03/636 | 8 - 1                            | 95-215 040-14/161 | 7 - 5                            | 95-215 080-08/957 | 15 - 24                          | 95-753 593-15     | 6 - 3, 6 - 4                     |
| 95-215 000-03/637 | 8 - 1                            | 95-215 040-14/175 | 8 - 1                            | 95-215 080-14/925 | 7 - 5                            | 95-753 594-15     | 6 - 3, 6 - 4                     |
| 95-215 000-03/638 | 8 - 5                            | 95-215 040-14/177 | 8 - 4                            | 95-215 080-17/604 | 7 - 5                            | 95-753 595-05     | 6 - 6, 6 - 7                     |
| 95-215 000-03/992 | 7 - 3                            | 95-215 040-15/128 | 8 - 6                            | 95-215 080-17/605 | 7 - 5                            | 95-753 596-15     | 6 - 6, 6 - 7                     |
| 95-215 000-05/039 | 8 - 4                            | 95-215 040-15/131 | 7 - 5                            | 95-215 080-18/002 | 15 - 24                          | 95-753 597-05     | 6 - 6, 6 - 7                     |
| 95-215 040-04/670 | 8 - 2                            | 95-215 040-15/132 | 8 - 5                            | 95-215 080-18/007 | 8 - 1, 8 - 4                     | 95-753 599-11     | 5 - 1                            |
| 95-215 040-04/671 | 6 - 2, 8 - 6,<br>8 - 7           | 95-215 040-15/133 | 8 - 3                            | 95-215 080-18/008 | 7 - 3, 8 - 1,<br>8 - 2           | 95-753 606-05     | 6 - 4                            |
| 95-215 040-08/763 | 6 - 2, 8 - 6,<br>8 - 7           | 95-215 040-15/136 | 8 - 6                            | 95-215 080-18/102 | 7 - 5                            | 95-753 607-05     | 6 - 3, 6 - 4                     |
| 95-215 040-08/768 | 8 - 2                            | 95-215 040-15/137 | 8 - 6                            | 95-215 080-23/601 | 7 - 5                            | 95-753 608-47     | 15 - 19                          |
| 95-215 040-12/556 | 7 - 3                            | 95-215 040-15/141 | 8 - 1                            | 95-215 080-29/013 | 7 - 3                            | 95-753 621-05     | 6 - 1                            |
| 95-215 040-12/561 | 7 - 3                            | 95-215 040-15/143 | 8 - 3                            | 95-215 080-34/704 | 8 - 2                            | 95-753 637-05     | 6 - 1, 6 - 5                     |
| 95-215 040-12/569 | 7 - 5                            | 95-215 040-15/145 | 8 - 2                            | 95-215 080-35/001 | 8 - 2                            | 95-753 638-05     | 6 - 1, 6 - 5                     |
| 95-215 040-13/534 | 7 - 5                            | 95-215 040-15/147 | 8 - 7                            | 95-215 080-35/201 | 8 - 2                            | 95-753 646-05     | 6 - 1, 6 - 5                     |
| 95-215 040-13/535 | 7 - 3                            | 95-215 040-15/149 | 8 - 6                            | 95-215 080-35/202 | 8 - 2                            | 95-753 650-91     | 6 - 1, 6 - 5                     |
| 95-215 040-13/591 | 7 - 3                            | 95-215 040-15/323 | 6 - 2, 8 - 6,<br>8 - 7           | 95-215 080-35/203 | 8 - 2                            | 95-753 651-91     | 6 - 1, 6 - 5                     |
| 95-215 040-13/877 | 7 - 3                            | 95-215 040-15/324 | 8 - 5                            | 95-215 080-35/301 | 8 - 2                            | 95-753 696-05     | 6 - 4                            |
| 95-215 040-13/878 | 7 - 3                            | 95-215 040-15/325 | 8 - 1                            | 95-560 274-75/940 | 10 - 5                           | 95-753 907-75/895 | 15 - 18                          |
| 95-215 040-13/880 | 7 - 5                            | 95-215 040-15/326 | 8 - 2                            | 95-623 328-05     | 3 - 14                           | 95-775 228-15     | 15 - 8                           |
| 95-215 040-13/892 | 15 - 24                          | 95-215 040-15/327 | 8 - 2                            | 95-623 330-03/001 | 3 - 13                           | 95-775 229-25     | 15 - 7, 15 - 8                   |
| 95-215 040-13/921 | 7 - 3                            | 95-215 040-15/357 | 8 - 1                            | 95-623 330-03/002 | 3 - 13                           | 95-775 258-71/895 | 8 - 7                            |
| 95-215 040-13/923 | 7 - 3                            | 95-215 040-15/381 | 6 - 7                            | 95-623 330-03/003 | 3 - 13                           | 95-775 259-71/895 | 8 - 6                            |
| 95-215 040-14/132 | 7 - 3                            | 95-215 040-15/383 | 8 - 4                            | 95-623 330-03/004 | 3 - 13                           | 95-775 311-15     | 7 - 1                            |
| 95-215 040-14/133 | 7 - 3                            | 95-215 040-15/384 | 8 - 4                            | 95-623 330-03/005 | 3 - 13                           | 95-775 324-05     | 6 - 3                            |
| 95-215 040-14/134 | 7 - 3                            | 95-215 040-15/386 | 6 - 7                            | 95-623 330-03/006 | 3 - 13                           | 95-775 327-05     | 6 - 3, 8 - 7                     |
| 95-215 040-14/135 | 7 - 5                            | 95-215 040-18/505 | 7 - 5                            | 95-623 330-03/007 | 3 - 13                           | 95-775 328-05     | 15 - 14, 15 - 19                 |
| 95-215 040-14/136 | 7 - 3                            | 95-215 040-21/783 | 8 - 2                            | 95-633 660-91     | 9 - 6                            | 95-775 329-90     | 6 - 2, 8 - 6,<br>8 - 7           |
| 95-215 040-14/138 | 7 - 5                            | 95-215 040-21/784 | 8 - 2                            | 95-665 735-91     | 14 - 1                           | 95-775 340-71/895 | 7 - 1                            |
| 95-215 040-14/141 | 7 - 3                            | 95-215 070-04/608 | 8 - 4, 15 - 24                   | 95-714 813-05     | 11 - 1                           | 95-775 346-75/895 | 7 - 1                            |

| No.               | Seite<br>Page<br>Pages<br>Página     | No.               | Seite<br>Page<br>Pages<br>Página | No.               | Seite<br>Page<br>Pages<br>Página | No.               | Seite<br>Page<br>Pages<br>Página |
|-------------------|--------------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| 95-775 347-15     | 7 - 1                                | 95-775 446-12     | 3 - 18                           | 95-775 527-15     | 15 - 4                           | 95-775 583-15     | 15 - 9                           |
| 95-775 349-15     | 7 - 1                                | 95-775 447-91     | 3 - 11                           | 95-775 529-75/893 | 15 - 4                           | 95-775 584-15     | 15 - 9                           |
| 95-775 350-91     | 9 - 1                                | 95-775 449-75/893 | 3 - 1                            | 95-775 530-05     | 15 - 4                           | 95-775 588-05     | 15 - 8                           |
| 95-775 352-15     | 7 - 1                                | 95-775 450-05     | 3 - 3                            | 95-775 531-05     | 15 - 4                           | 95-775 589-91     | 15 - 7, 15 - 8                   |
| 95-775 353-75/895 | 7 - 1                                | 95-775 467-92     | 3 - 1                            | 95-775 532-05     | 15 - 4                           | 95-775 591-05     | 15 - 8                           |
| 95-775 357-15     | 13 - 1, 15 - 10,<br>15 - 11, 15 - 19 | 95-775 468-05     | 3 - 1                            | 95-775 533-15     | 6 - 3, 6 - 4                     | 95-775 594-15     | 15 - 9                           |
| 95-775 369-01     | 15 - 19                              | 95-775 469-75/895 | 3 - 1                            | 95-775 534-91     | 5 - 2                            | 95-775 595-91     | 15 - 9                           |
| 95-775 381-91     | 8 - 2                                | 95-775 470-05     | 3 - 19                           | 95-775 535-01     | 6 - 1, 6 - 5                     | 95-775 606-71/893 | 5 - 1                            |
| 95-775 382-71/895 | 8 - 3                                | 95-775 471-05     | 3 - 19                           | 95-775 536-05     | 6 - 3                            | 95-775 607-71/893 | 5 - 1                            |
| 95-775 383-71/895 | 8 - 1                                | 95-775 472-92     | 3 - 7                            | 95-775 537-05     | 6 - 3                            | 95-775 610-71/893 | 5 - 1                            |
| 95-775 400-71/895 | 3 - 1                                | 95-775 473-90     | 3 - 5                            | 95-775 538-05     | 6 - 3                            | 95-775 612-15     | 5 - 1                            |
| 95-775 401-75/895 | 3 - 1                                | 95-775 476-05     | 3 - 7                            | 95-775 540-11     | 6 - 1, 6 - 5                     | 95-775 613-15     | 6 - 1, 6 - 5                     |
| 95-775 404-75/895 | 3 - 1                                | 95-775 477-91     | 3 - 19                           | 95-775 541-91     | 6 - 1, 6 - 5                     | 95-775 614-71/893 | 5 - 1                            |
| 95-775 419-05     | 3 - 13                               | 95-775 481-05     | 3 - 3                            | 95-775 542-75/893 | 6 - 1, 6 - 5                     | 95-775 620-15     | 6 - 1, 6 - 5                     |
| 95-775 420-91     | 3 - 13                               | 95-775 495-05     | 3 - 7                            | 95-775 543-71/893 | 6 - 1, 6 - 5                     | 95-775 644-71/895 | 7 - 6                            |
| 95-775 421-91     | 3 - 5                                | 95-775 497-15     | 3 - 21                           | 95-775 544-71/893 | 6 - 1, 6 - 5                     | 95-775 658-15     | 6 - 3                            |
| 95-775 422-91     | 3 - 5                                | 95-775 498-05     | 3 - 13                           | 95-775 545-71/893 | 6 - 6, 6 - 7                     | 95-775 664-71/893 | 15 - 2                           |
| 95-775 424-91     | 3 - 3                                | 95-775 499-15     | 3 - 19                           | 95-775 546-15     | 6 - 6, 6 - 7                     | 95-775 665-75/893 | 15 - 2                           |
| 95-775 425-01     | 3 - 3                                | 95-775 500-05     | 3 - 9                            | 95-775 547-05     | 6 - 3                            | 95-775 666-15     | 15 - 2                           |
| 95-775 427-05     | 3 - 1                                | 95-775 501-75/893 | 6 - 6, 6 - 7                     | 95-775 548-05     | 6 - 4                            | 95-775 674-71/893 | 15 - 4                           |
| 95-775 428-05     | 3 - 19                               | 95-775 502-71/893 | 5 - 1                            | 95-775 549-01     | 6 - 4                            | 95-775 683-15     | 15 - 6                           |
| 95-775 429-92     | 3 - 2                                | 95-775 504-05     | 6 - 6, 6 - 7                     | 95-775 550-05     | 6 - 3, 6 - 4                     | 95-775 687-05     | 15 - 6                           |
| 95-775 431-91     | 3 - 19                               | 95-775 505-75/893 | 6 - 6, 6 - 7                     | 95-775 555-75/893 | 5 - 1                            | 95-775 688-25     | 11 - 1                           |
| 95-775 432-91     | 3 - 15, 3 - 18                       | 95-775 506-75/893 | 6 - 6, 6 - 7                     | 95-775 556-75/893 | 5 - 1                            | 95-775 695-71/895 | 5 - 1                            |
| 95-775 433-05     | 3 - 9                                | 95-775 509-05     | 15 - 1, 15 - 2                   | 95-775 557-70/893 | 15 - 24                          | 95-775 696-75/895 | 11 - 1                           |
| 95-775 434-15     | 3 - 9                                | 95-775 511-15     | 15 - 1, 15 - 2                   | 95-775 561-05     | 8 - 1                            | 95-775 699-75/895 | 11 - 3                           |
| 95-775 435-92     | 3 - 8                                | 95-775 512-05     | 6 - 6, 6 - 7                     | 95-775 569-05     | 4 - 1                            | 95-775 701-75/893 | 6 - 6, 6 - 7                     |
| 95-775 436-05     | 3 - 8                                | 95-775 513-05     | 6 - 1, 6 - 5                     | 95-775 571-05     | 6 - 5                            | 95-775 708-91     | 15 - 19                          |
| 95-775 437-15     | 3 - 19                               | 95-775 514-05     | 15 - 1, 15 - 2                   | 95-775 572-05     | 6 - 1                            | 95-775 710-91     | 15 - 19                          |
| 95-775 438-05     | 3 - 19                               | 95-775 516-15     | 15 - 4                           | 95-775 577-15     | 15 - 9                           | 95-775 715-90     | 15 - 6                           |
| 95-775 441-15     | 3 - 1                                | 95-775 518-05     | 15 - 1, 15 - 2                   | 95-775 578-15     | 15 - 9                           | 95-775 718-75/895 | 11 - 4                           |
| 95-775 442-15     | 3 - 1                                | 95-775 520-91     | 15 - 1, 15 - 2                   | 95-775 581-15     | 5 - 2                            | 95-775 732-05     | 11 - 3                           |
| 95-775 445-05     | 3 - 18                               | 95-775 525-15     | 15 - 4                           | 95-775 582-15     | 5 - 2                            | 95-775 733-05     | 11 - 4                           |

| No.               | Seite<br>Page<br>Pages<br>Página | No.               | Seite<br>Page<br>Pages<br>Página | No.               | Seite<br>Page<br>Pages<br>Página | No.               | Seite<br>Page<br>Pages<br>Página |
|-------------------|----------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|-------------------|----------------------------------|
| 95-775 735-75/895 | 11 - 1                           | 95-775 943-91     | 3 - 9                            | 95-776 299-05     | 5 - 2                            | 95-776 761-91     | 15 - 15                          |
| 95-775 741-05     | 3 - 12                           | 95-775 944-91     | 3 - 4                            | 95-776 300-05     | 11 - 1                           | 95-776 765-05     | 15 - 15                          |
| 95-775 751-75/895 | 11 - 2                           | 95-775 945-91     | 3 - 11                           | 95-776 303-90     | 15 - 20                          | 95-776 766-05     | 15 - 15                          |
| 95-775 752-75/895 | 11 - 2                           | 95-775 946-91     | 3 - 2                            | 95-776 305-90     | 15 - 20                          | 95-776 767-05     | 15 - 15                          |
| 95-775 753-91     | 3 - 2                            | 95-776 015-91     | 15 - 3                           | 95-776 305-91     | 15 - 20                          | 95-776 768-05     | 15 - 15                          |
| 95-775 757-05     | 15 - 14                          | 95-776 025-05     | 11 - 1                           | 95-776 326-92     | 11 - 1                           | 95-776 769-05     | 15 - 15                          |
| 95-775 758-15     | 15 - 21                          | 95-776 042-91     | 10 - 1                           | 95-776 327-05     | 11 - 5                           | 95-776 770-05     | 15 - 15                          |
| 95-775 762-91     | 9 - 3                            | 95-776 060-15     | 6 - 6, 6 - 7                     | 95-776 351-71/893 | 5 - 2                            | 95-778 010-91     | 15 - 7                           |
| 95-775 764-71/895 | 5 - 1                            | 95-776 062-05     | 4 - 1                            | 95-776 354-21     | 10 - 3                           | 95-778 089-05     | 3 - 2                            |
| 95-775 770-05     | 10 - 1                           | 95-776 076-11     | 5 - 2                            | 95-776 358-05     | 11 - 5                           | 95-778 125-75/895 | 15 - 22                          |
| 95-775 776-05     | 11 - 3                           | 95-776 077-05     | 4 - 1                            | 95-776 414-71/951 | 8 - 5                            | 95-778 128-91     | 3 - 3                            |
| 95-775 777-75/895 | 11 - 2                           | 95-776 078-05     | 4 - 1                            | 95-776 422-90     | 15 - 17                          | 95-778 130-71/698 | 3 - 4                            |
| 95-775 791-15     | 5 - 2                            | 95-776 081-71/895 | 11 - 1                           | 95-776 440-05     | 11 - 4                           | 95-778 132-25     | 3 - 4                            |
| 95-775 792-11     | 5 - 2                            | 95-776 082-05     | 11 - 5                           | 95-776 442-01     | 15 - 14                          | 95-778 133-91     | 3 - 4                            |
| 95-775 800-91     | 3 - 4                            | 95-776 111-05     | 13 - 1                           | 95-776 453-91     | 5 - 2                            | 95-778 162-15     | 13 - 1                           |
| 95-775 823-71/895 | 3 - 7                            | 95-776 128-15     | 15 - 10, 15 - 11                 | 95-776 516-05     | 15 - 17                          | 95-778 163-15     | 3 - 4                            |
| 95-775 851-75/893 | 15 - 5                           | 95-776 136-05     | 10 - 16                          | 95-776 519-90     | 15 - 14                          | 95-778 169-05     | 15 - 23                          |
| 95-775 880-05     | 15 - 3                           | 95-776 137-15     | 10 - 16                          | 95-776 535-70/895 | 15 - 19                          | 95-778 170-05     | 15 - 23                          |
| 95-775 882-15     | 5 - 2                            | 95-776 149-11     | 8 - 5                            | 95-776 537-05     | 15 - 19                          | 95-778 171-05     | 15 - 23                          |
| 95-775 884-05     | 6 - 2                            | 95-776 187-91     | 10 - 16                          | 95-776 540-05     | 15 - 19                          | 95-778 173-05     | 15 - 23                          |
| 95-775 885-15     | 6 - 2                            | 95-776 188-01     | 13 - 1                           | 95-776 559-15     | 10 - 15                          | 95-778 175-91     | 3 - 4                            |
| 95-775 886-15     | 6 - 2                            | 95-776 189-15     | 13 - 1                           | 95-776 560-15     | 10 - 15                          | 95-778 179-91     | 3 - 3                            |
| 95-775 904-91     | 3 - 13                           | 95-776 190-05     | 7 - 2                            | 95-776 561-15     | 10 - 15                          | 95-778 182-91     | 3 - 10                           |
| 95-775 905-15     | 3 - 22                           | 95-776 196-01     | 13 - 1                           | 95-776 562-05     | 15 - 19                          | 95-778 215-75/895 | 8 - 7                            |
| 95-775 908-11     | 3 - 5                            | 95-776 210-90     | 15 - 20                          | 95-776 563-05     | 15 - 19                          | 95-778 282-05     | 3 - 3                            |
| 95-775 912-11     | 3 - 18                           | 95-776 210-91     | 15 - 20                          | 95-776 564-05     | 15 - 19                          | 95-778 296-15     | 11 - 5                           |
| 95-775 913-15     | 13 - 1                           | 95-776 211-15     | 6 - 3                            | 95-776 566-90     | 15 - 18                          | 95-778 386-75/895 | 11 - 5                           |
| 95-775 914-91     | 3 - 5                            | 95-776 233-04/001 | 15 - 16                          | 95-776 633-90     | 15 - 19                          | 95-778 387-05     | 11 - 5                           |
| 95-775 915-05     | 3 - 8                            | 95-776 233-04/002 | 15 - 16                          | 95-776 695-05     | 15 - 12, 15 - 13                 | 95-779 258-75/895 | 12 - 1                           |
| 95-775 919-05     | 3 - 7, 3 - 20                    | 95-776 233-04/005 | 15 - 16                          | 95-776 722-15     | 15 - 12, 15 - 13                 | 95-850 315-15     | 15 - 8                           |
| 95-775 921-11     | 3 - 20                           | 95-776 240-05     | 15 - 16                          | 95-776 723-15     | 15 - 12, 15 - 13                 | 95-850 316-15     | 15 - 8                           |
| 95-775 937-25     | 3 - 2, 3 - 4                     | 95-776 296-71/893 | 10 - 3                           | 95-776 754-05     | 15 - 12, 15 - 13                 | 95-850 560-15     | 15 - 9                           |
| 95-775 940-01     | 3 - 16                           | 95-776 298-71/893 | 10 - 3                           | 95-776 755-11     | 15 - 12, 15 - 13                 | 95-851 045-15     | 15 - 9                           |

| No.               | Seite<br>Page<br>Pages<br>Página      | No.           | Seite<br>Page<br>Pages<br>Página            | No.           | Seite<br>Page<br>Pages<br>Página | No. | Seite<br>Page<br>Pages<br>Página |
|-------------------|---------------------------------------|---------------|---|---------------|----------------------------------|-----|----------------------------------|
| 95-851 045-91     | 15 - 9                                | 99-135 496-95 | 8 - 4, 9 - 3,<br>9 - 4, 15 - 18,<br>15 - 20 | 99-137 079-05 | 3 - 1                            |     |                                  |
| 95-851 313-91     | 15 - 9                                | 99-135 549-91 | 10 - 16                                     | 99-137 085-91 | 6 - 3                            |     |                                  |
| 95-851 496-15     | 15 - 9                                | 99-135 556-91 | 9 - 5                                       | 99-137 086-91 | 6 - 6, 6 - 7                     |     |                                  |
| 95-853 178-91     | 15 - 9                                | 99-135 601-91 | 3 - 21                                      | 99-137 087-05 | 15 - 1, 15 - 2                   |     |                                  |
| 95-853 179-15     | 15 - 9                                | 99-135 613-91 | 15 - 7, 15 - 20                             | 99-137 151-45 | 3 - 6                            |     |                                  |
| 95-853 238-15     | 15 - 9                                | 99-135 617-95 | 8 - 4, 9 - 5,<br>10 - 16                    | 99-137 169-91 | 15 - 7                           |     |                                  |
| 95-853 238-91     | 15 - 9                                | 99-135 663-91 | 3 - 17                                      | 99-137 170-91 | 9 - 6                            |     |                                  |
| 99-115 034-15     | 12 - 1                                | 99-135 664-91 | 3 - 17                                      | 99-137 171-91 | 13 - 1                           |     |                                  |
| 99-115 425-91     | 15 - 18                               | 99-135 665-91 | 3 - 17                                      | 99-137 172-91 | 8 - 7                            |     |                                  |
| 99-115 453-91     | 6 - 6, 6 - 7                          | 99-135 776-91 | 3 - 17                                      | 99-137 174-91 | 10 - 15                          |     |                                  |
| 99-115 505-91     | 3 - 11, 9 - 2,<br>9 - 4               | 99-135 809-91 | 3 - 21                                      | 99-137 181-91 | 3 - 11                           |     |                                  |
| 99-133 127-91     | 8 - 4                                 | 99-135 818-05 | 9 - 3, 15 - 7                               | 99-137 182-91 | 7 - 1                            |     |                                  |
| 99-133 753-91     | 15 - 16                               | 99-135 819-05 | 9 - 3, 15 - 7                               | 99-137 185-95 | 3 - 11                           |     |                                  |
| 99-133 920-91     | 3 - 16                                | 99-135 835-05 | 15 - 17, 15 - 18                            | 99-137 200-05 | 10 - 15                          |     |                                  |
| 99-133 962-91     | 7 - 1                                 | 99-135 911-91 | 15 - 7, 15 - 16                             | 99-137 206-91 | 4 - 1, 15 - 23                   |     |                                  |
| 99-134 206-05     | 3 - 2, 15 - 17,<br>15 - 18            | 99-136 009-75 | 11 - 5                                      | 99-137 229-91 | 15 - 16                          |     |                                  |
| 99-134 255-91     | 15 - 17, 15 - 18                      | 99-136 071-95 | 15 - 16                                     | 99-137 269-91 | 9 - 1, 15 - 17                   |     |                                  |
| 99-134 256-91     | 15 - 12, 15 - 13,<br>15 - 15, 15 - 16 | 99-136 072-95 | 9 - 5                                       | 99-137 270-91 | 9 - 1, 15 - 20                   |     |                                  |
| 99-134 421-91     | 15 - 12, 15 - 13                      | 99-136 205-91 | 8 - 4                                       | 99-137 271-91 | 9 - 3                            |     |                                  |
| 99-134 586-91     | 10 - 15                               | 99-136 220-91 | 10 - 16                                     | 99-137 327-91 | 7 - 1                            |     |                                  |
| 99-134 594-71/893 | 5 - 1, 10 - 3                         | 99-136 235-91 | 3 - 19                                      | 99-137 400-91 | 3 - 2                            |     |                                  |
| 99-134 815-91     | 5 - 1                                 | 99-136 345-91 | 5 - 1                                       | 99-137 446-05 | 3 - 4                            |     |                                  |
| 99-134 850-91     | 7 - 1, 15 - 24                        | 99-136 396-91 | 3 - 16                                      |               |                                  |     |                                  |
| 99-134 851-91     | 3 - 11                                | 99-136 409-91 | 3 - 16                                      |               |                                  |     |                                  |
| 99-134 935-91     | 5 - 1, 15 - 1,<br>15 - 2              | 99-136 585-95 | 4 - 1, 11 - 2,<br>11 - 5, 15 - 23           |               |                                  |     |                                  |
| 99-135 002-95     | 3 - 9, 15 - 7,<br>15 - 15             | 99-136 601-91 | 3 - 9                                       |               |                                  |     |                                  |
| 99-135 184-91     | 15 - 15                               | 99-136 778-91 | 3 - 6                                       |               |                                  |     |                                  |
| 99-135 233-91     | 15 - 15                               | 99-136 846-91 | 15 - 6                                      |               |                                  |     |                                  |
| 99-135 298-91     | 15 - 12, 15 - 13                      | 99-136 873-91 | 15 - 8                                      |               |                                  |     |                                  |
| 99-135 353-91     | 9 - 3                                 | 99-137 005-15 | 15 - 14                                     |               |                                  |     |                                  |
| 99-135 431-91     | 9 - 6                                 | 99-137 076-05 | 3 - 18                                      |               |                                  |     |                                  |
| 99-135 490-91     | 3 - 9, 3 - 19,<br>15 - 7              | 99-137 077-91 | 3 - 11                                      |               |                                  |     |                                  |

# PFAFF

## PFAFF Industrie Maschinen AG

Postfach 3020  
D-67653 Kaiserslautern

Königstr. 154  
D-67655 Kaiserslautern

Telefon: (0631) 200-0  
Telefax: (0631) 17202  
E-Mail: [info@pfaff-industrial.com](mailto:info@pfaff-industrial.com)

Gedruckt in der BRD  
Printed in Germany  
Imprimé en R.F.A.  
Impreso en la R.F.A.