

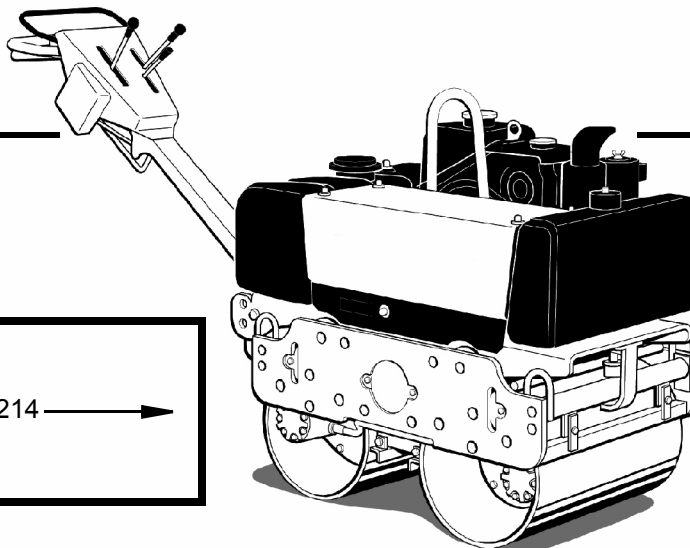
DX-700E

Walk-Behind Duplex Rollers



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PARTS MANUAL



DX-700E Serial No. RF0214 →

HOW TO USE THIS MANUAL

This Parts Manual applies to all DX-700E Walk-Behind Duplex Rollers

When the Comm. # is not Known - Use the Word Index:

- Ingersoll-Rand's Word Index will make this item easy to locate. The Word Index is found in the very back of the book. The items listed are in alphabetical order and may be repeated several times depending on their functional descriptions.
- Let's assume you need to replace the AIR CLEANER FILTER.

Use any of the functional words in the item description to locate the desired item. Example: The first listing for the **Air Cleaner Filter** in the **Word Index** is: Air Cleaner Filter. The index shows the component will be found on pages **43 & 73**, which are the **Parts List** page numbers for the two different Engine Assemblies.

A	
Air Cleaner Filter	43, 73
Air Cleaner.....	43, 73
Alert Unit, Oil.....	33, 69
Arm, Governor	37, 69
B	
Bag, Tool	13

- The item is also listed as:

Filter, Air Cleaner

Using the Parts Identification Pages:

- The **PARTS IDENTIFICATION PAGES** consist of the **PARTS ILLUSTRATION** (even numbered pages) and the **PARTS LIST** (odd numbered pages).
- The **Parts Illustration** shows the assembly with its component parts identified by **Item Numbers**.
- On the **Parts List**, the components are listed in **Item Number** order as found in the **ITEM** column. Other information provided by the **Parts List** is the **Comm. Number** which will be required to order Genuine Ingersoll-Rand Replacement Parts, a **functional description**, the **quantity** required to assemble one complete assembly, and any additional **notes/ dimensions** required to help place your parts order.
- **For the example: The Air Cleaner Filter shown on Page 43 is listed as Item 3, and the Comm. Number for the Element is 13221320, Quantity of 1.**

When the Comm. # is not known - Use the Table of Contents:

- Turn to the TABLE OF CONTENTS pages in the front of this manual. These pages show the major systems of the machine divided into FUNCTIONAL GROUPS.
- Find the Functional Group that best describes the area of the machine you are interested in. For example: Engine Assembly.
- See the sample Table of Contents shown below:

4 Engine Assembly - Internal Breakdown	
....	
04-01-13 Carburetor - BX-60WH	39
04-01-14 Air Cleaner - BX-60WH.....	43

Listed under the Functional Group of Internal Breakdown are SECTIONS (identified by numbers that describe major repairable components of that group. Find the listing that refers to the Honda Engine (58836438).

- Since the Air Cleaner Filter is what needs to be replaced, refer to the parts listing for the Engine. The Air Cleaner used on your machine is found in Functional Group 04; Section 01, this makes up the first part of the page number. Turn to that section of the parts manual and find the parts listing on page 43 for the Air Cleaner (13221312).

When the Comm. # is Known - Use the Numerical Index:

- If you already know the **Comm. Number** (part number) for the item required, a **NUMERICAL INDEX** is provided in the back of the manual to assist you. Look up the **Comm. Number** desired and the **Numerical Index** will show the **Page Number** where the item can be found.

For our Air Cleaner Filter Example: The Comm. Number for the Air Cleaner Filter 13221320 is found in the Numerical Index, it shows that component will be found on page 43.

UTILISATION DE CE CATALOGUE

Ce catalogue des pièces détachées s'applique à toutes les Rouleaux Duplex à Guidage Manuel DX-700E

En l'absence du numéro de pièce (Comm. Number), utilisez l'index de mots (Word Index):

- L'index de mots (Word Index) se trouve au dos de chaque catalogue. Les articles y sont classés dans l'ordre alphabétique et peuvent apparaître à plusieurs reprises, selon leurs descriptions fonctionnelles.
- Supposons que vous deviez remplacer le FILTRE A AIR (Air Cleaner Filter).

Utilisez n'importe quel terme fonctionnel de la description pour retrouver l'article souhaité. Par exemple: la première mention relative au **filtre à air** dans l'index de mots (Word Index) est: **Air Cleaner Filter**. L'index indique que le composant figure aux pages **43 & 73**, qui sont les numéros de page de la **Liste des pièces (Parts List)** des deux ensembles de moteur différents.

A	
Air Cleaner Filter	43, 73
Air Cleaner.....	43, 73
Alert Unit, Oil.....	33, 69
Arm, Governor	37,69
B	
Bag, Tool13	

- L'article est aussi répertorié sous la mention:
Filter, Air Cleaner (Filtre, à air)

Utilisation des pages d'identification des pièces (Parts Identification Pages):

- Les **PAGES D'IDENTIFICATION DES PIÈCES** incluent les **ILLUSTRATIONS DE PIÈCES (Parts Illustration)** (pages paires) et les **LISTES DE PIÈCES (Parts List)** (pages impaires).
- L'**illustration des pièces** représente l'ensemble avec les pièces qui le composent, identifiées par des **références (Item Numbers)**.
- La **Liste des pièces** énumère les composants dans l'ordre des **références** correspondant à la colonne **ARTICLE (Item)**. Les autres informations fournies par la **Liste des pièces** sont le **Numéro de pièce (Comm. Number)**, requis pour commander des pièces de rechange d'origine Ingersoll-Rand, la **description fonctionnelle**, la **quantité** requise pour assembler un ensemble complet ainsi que des **remarques/dimensions** diverses susceptibles de faciliter la commande de pièces.
- **Par exemple: Le filtre à air (Air Cleaner Filter) illustré à la Page 43 est répertorié sous l'article 3. Son numéro comm. est 13221320 et sa quantité, 1.**

En l'absence du numéro de pièce (Comm. Number), utilisez la table des matières (Table of Contents):

- Consultez les pages de la **TABLE DES MATIERES**, au début du catalogue. Ces pages répartissent les principaux circuits de la machine dans des **GROUPES FONCTIONNELS**.
- Retrouvez le **Groupe fonctionnel** qui décrit le mieux la zone de la machine qui vous intéresse. Par exemple: **Engine Assembly (Ensemble moteur)**
- Consultez l'exemple de **Table des matières** ci-dessous:

4 Engine Assembly - Internal Breakdown	
....	
04-01-13 Carburetor - BX-60WH	39
04-01-14 Air Cleaner - BX-60WH.....	43

Sous le **Groupe fonctionnel** des **compositions internes (Internal Breakdown)** sont répertoriées des **SECTIONS** (identifiées par des numéros décrivant les principaux composants réparables de ce groupe). Retrouvez la liste qui fait référence au moteur Honda (Honda Engine) (58836438).

- Comme le composant à remplacer est le **filtre à air (Air Cleaner Filter)**, consultez la liste des pièces (Parts List) du Moteur (Engine). Le filtre à air (Air Cleaner Filter) installé sur votre machine figure dans le **Groupe fonctionnel 04; Section 01**, qui constitue la première partie du numéro de page. Accédez à cette section du catalogue des pièces détachées et retrouvez les pièces énumérées à la page 43 qui constituent le **filtre à air (Air Cleaner)** (13221312).

Quand le numéro de pièce est connu, utilisez l'index numérique (Numerical Index):

- Si vous connaissez déjà le numéro de pièce de l'article requis, utilisez l'**INDEX NUMERIQUE (Numerical Index)**, fourni au dos du catalogue. Retrouvez le numéro de pièce souhaité et l'index numérique mentionnera le **Numéro de page** de l'article.

Pour notre exemple de filtre air (Air Cleaner Filter): le numéro de pièce (Comm. Number) de l'élément du filtre à air (Air Cleaner Filter) 13221320 figure dans l'index numérique (Numerical Index) et indique que ce composant se trouve à la page 43.

ANGABEN ZUR VERWENDUNG DIESES HANDBUCHES

Diese Ersatzteilliste gilt für alle DX-700E Handgeführte Duplex-Walzen

Wenn die Teile-Nr. (Comm. #) unbekannt ist - das Stichwortverzeichnis (Word Index) verwenden:

- Das Stichwortverzeichnis befindet sich ganz hinten im Handbuch. Die Teile sind in alphabetischer Reihenfolge aufgeführt und können je nach ihrer Funktionsbeschreibung doppelt oder sogar mehrfach aufgeführt werden.
- Gehen wir einmal davon aus, dass der **LUFTFILTEREINSATZ (air cleaner filter)** ausgewechselt werden soll.

Zum Auffinden des gewünschten Teils eines der Funktionswörter in der Teilebeschreibung verwenden. Beispiel: Zum ersten Mal erscheint eine Auflistung für den **Luftfiltereinsatz** im Stichwortverzeichnis unter: Luftfiltereinsatz. Laut Stichwortverzeichnis ist das Teil auf den Seiten **43 & 73** beschrieben; es handelt sich dabei um die Seitennummer der **Teileliste (parts list)** für die zwei unterschiedlichen Motorbaugruppen.

A	
Air Cleaner Filter	43, 73
Air Cleaner.....	43, 73
Alert Unit, Oil.....	33, 69
Arm, Governor	37,69
B	
Bag, Tool13	

- Das Teil ist ebenfalls aufgeführt unter:
Filter, Luftfilter

Verwendung der Teile-Seiten:

- Die **TEILE-SEITEN (parts identification pages)** bestehen aus der **TEILEDARSTELLUNG (parts illustration)** (Seiten mit gerader Seitennummer) und der **TEILELISTE** (Seiten mit ungerader Seitennummer).
- Die **Teileabbildung** zeigt die komplette Baugruppe mit den dazugehörigen Einzelteilen, die durch die **Positionsnummern (item numbers)** gekennzeichnet sind.
- In der **Teileliste** sind die Teile in der Spalte **POS. (item)** in der Reihenfolge der **Positionsnummer** aufgeführt. Zusätzlich enthält die **Teileliste** folgende Angaben: die **Teilenummer (Comm. Number)**, die zum Bestellen von Original Ingersoll-Rand Ersatzteilen benötigt wird, eine **Funktionsbeschreibung**, die **Anzahl**, die für die Montage einer kompletten Baugruppe benötigt wird sowie zusätzliche **Bemerkungen/Maße**, die hilfreich für die Teilebestellung sind.
- **Beispiel:** der auf Seite 43 gezeigte Luftfiltereinsatz ist als Pos. 3 aufgeführt, die Bestellnummer für den Filtereinsatz lautet 13221320, und die Anzahl entspricht 1.

Wenn die Teile-Nr. unbekannt ist - das Inhaltsverzeichnis verwenden:

- Die Seiten mit dem **INHALTSVERZEICHNIS (table of contents)** vorn in diesem Handbuch aufschlagen. Auf diesen Seiten sind die wichtigsten Systeme der Maschine, unterteilt nach **FUNKTIONSGRUPPEN** aufgelistet.
- Die Funktionsgruppe ausfindig machen, die am besten den Bereich der Maschine beschreibt, an dem Sie interessiert sind. Beispiel: Motorbaugruppe.
- Sehen Sie dazu die nachfolgend gezeigte Musterseite des **Inhaltsverzeichnisses**:

4 Engine Assembly - Internal Breakdown	
....	
04-01-13 Carburetor - BX-60WH	39
04-01-14 Air Cleaner - BX-60WH.....	43

Unter der **Funktionsgruppe** mit der Bezeichnung Internal Breakdown (Innere Ausstattung) sind **ABSCHNITTE (sections)** (gekennzeichnet durch die Nummer zur Beschreibung der wichtigsten reparablen Elemente der betreffenden Gruppe) aufgeführt. Die Auflistung suchen, die sich auf den Honda-Motor (M58836438) bezieht.

- Da der **Luftfiltereinsatz** ausgewechselt werden soll, muss in der Teileliste für den Motor nachgeschlagen werden. Der an der betreffenden Maschine verwendete Luftfilter kann unter **Funktionsgruppe 04; Abschnitt 1** nachgeschlagen werden; dieser Kennbuchstabe und die Kennnummer geben schon den ersten Teil der Seitennummer an. Zum betreffenden Abschnitt des Teilehandbuchs weiterblättern; hier ist dann auf Seite **43** die Teileliste für den **Luftfilter** (13221312) aufgeführt.

Wenn die Teile-Nr. bekannt ist - den Zahlenindex verwenden:

- Wenn die **Bestellnummer** (Teilenummer) für das gewünschte Teil bereits bekannt ist, kann in einem **ZAHLENINDEX** (numerical index) hinten im Handbuch nachgeschlagen werden. Die gewünschte **Bestellnummer** nachschlagen, und unter dem Zahlenindex kann dann das **Seitennummer** für das betreffende Teil nachgeschlagen werden.

Für das Beispiel des Luftfiltereinsatzes gilt also: Durch Nachschlagen der Bestellnummer für den Luftfiltereinsatz 13221320 im Zahlenindex wird festgestellt, dass das Teil auf Seite 43 beschrieben ist.

COME UTILIZZARE QUESTO MANUALE

Questo manuale ricambi é valido per tutte Rulli Vibranti Tandem con operatore a piedi DX-700E

Quando non si conosce il numero di riferimento, utilizzare l'indice per parola (Word Index):

- L'indice per parola si trova alla fine del libro. Le voci sono elencate in ordine alfabetico e possono essere ripetute più volte a seconda della descrizione della loro funzione.
- Supponiamo che si debba cambiare l'**Air Cleaner Filter (l'elemento filtro dell'aria)**.

Per trovare la voce desiderata utilizzare una delle parole della descrizione della stessa voce. Esempio: la prima parola elencata per l'**Air Cleaner Filter (Elemento Filtro dell'aria)** nell'Indice per parola é: Air Cleaner Filter. L'indice indica che il componente si trova a pagina **43 e 73**, che é il numero della pagina della **Lista Ricambi (Parts List)** per diversi gruppi motore.

A	
Air Cleaner Filter	43, 73
Air Cleaner.....	43, 73
Alert Unit, Oil.....	33, 69
Arm, Governor	37,69
B	
Bag, Tool13	

- La voce é indicata anche in questo modo:

Filter, Air Cleaner

Utilizzo delle pagine d'identificazione dei ricambi (Parts Identification Pages):

- Le **PAGINE D'IDENTIFICAZIONE DEI RICAMBI (PARTS IDENTIFICATION PAGES)** sono costituite dalle **ILLUSTRAZIONI DEI RICAMBI (PARTS ILLUSTRATION)** (numeri di pagina pari) e dalla **LISTA RICAMBI (PARTS LIST)** (numeri di pagina dispari).
- La sezione Illustrazioni dei ricambi mostra il gruppo con i pezzi che lo compongono, identificati tramite **numeri di riferimento (Item Number)**.
- Sulla **Lista ricambi**, le componenti sono elencate in ordine di **numero di riferimento (Item Number)** come si troverà nella colonna per **PAROLE (Item)**. Altre informazioni fornite dalla **Lista Ricambi** sono: il numero di riferimento, necessario per ordinare i ricambi originali Ingersoll-Rand, una **descrizione delle funzioni (functional description)**, la **quantità (quantity)** richiesta per costituire un gruppo completo e le **note/ dimensioni (notes/dimensions)** supplementari necessarie a ordinare i ricambi.
- **Esempio: Air Cleaner Filter che appare alla pagina 43 é la terza voce della lista, il numero di riferimento per l'elemento é 13221320, Quantità 1.**

Quando non si conosce il numero di riferimento (Comm. #), utilizzare l'indice analitico (Table of Contents):

- Ritorniamo all'**INDICE ANALITICO** all'inizio di questo manuale. Queste pagine indicano i principali impianti della macchina divisi in **GRUPPI FUNZIONALI (FUNCTIONAL GROUPS)**.
- Localizzare il **Gruppo Funzionale** che descrive meglio l'area della macchina interessata. Ad esempio: **Gruppo motore**.
- Ecco un campione dell'**Indice analitico**:

4 Engine Assembly - Internal Breakdown

....

04-01-13 Carburetor - BX-60WH 39

04-01-14 Air Cleaner - BX-60WH..... 43

Nella lista **Gruppi funzionali di Internal Breakdown** (intervalli interni) ci sono le **SEZIONI (SECTIONS)** (identificate dai numeri che descrivono le principali componenti riparabili di quel gruppo). Scorrere la lista sul **motore** Honda (58836438).

- Dal momento che l'**Air Cleaner Filter** é l'elemento da sostituire, consultare la lista dei ricambi del Motore. L'Air Cleaner utilizzato sulla vostra macchina si trova nel **Gruppo funzionale 04; Sezione 01**, questo numero corrisponde alla prima parte del numero di pagina. Andare a questa sezione del manuale e cercare la lista dei pezzi alla pagina **43** per l'**Air Cleaner** (13221312).

Quando si conosce il numero di riferimento (Comm. #) utilizzare l'Indice numerico (Numerical Index):

- Se si conosce già il **numero di riferimento** (codice) del pezzo desiderato, fare riferimento all'**INDICE NUMERICO** alla fine del manuale. Individuare il Numero di riferimento desiderato e l'Indice numerico mostrerà il **Numero di pagina** in cui la voce può essere trovata.

Nel caso dell'esempio dell'Air Cleaner Filter: il **Numero di riferimento** per l'Air Cleaner Filter 13221320 é stato trovato nell'**Indice numerico**, da cui risulta che il pezzo si trova a pagina 43.

CÓMO USAR EL PRESENTE MANUAL

Este Manual de recambios se refiere a todas las Rodillos Dúplex a Pie DX-700E

Cuando no se conoce el n° de pedido (Comm.#) – Utilice el índice alfabético (Word Index):

- El índice alfabético se encuentra en la cont raportada del libro. Los elementos están ordenados por orden alfabético, y pueden aparecer varias veces según sea su descripción funcional.
- Supongamos de necesita sustituir el **FILTRO DE AIRE** (AIR CLEANER ELEMENT).

Use cualquiera de las palabras en la descripción de elementos para localizar el que usted necesite. Ejemplo: La primera aparición del **Filtro de aire** en el **índice alfabético** es: Air Cleaner Element. El índice le indica que el componente se encuentra en las páginas **43 y 73**, correspondiente a la **lista de piezas (Parts List)** de los dos conjuntos de motor diferentes.

A	
Air Cleaner Filter	43, 73
Air Cleaner.....	43, 73
Alert Unit, Oil.....	33, 69
Arm, Governor	37,69
B	
Bag, Tool13	

- El elemento aparece también como:
Elemento, filtro de aire (Element, Air Cleaner)

Uso de las páginas de identificación de repuestos:

- Las **PÁGINAS DE IDENTIFICACIÓN DE REPUESTOS** (Parts Identification Pages) están compuestas de la **PÁGINA DE ILUSTRACIÓN** (Parts Illustration) (páginas pares) y la **LISTA DE PIEZAS** (Parts List) (páginas impares).
- La **ilustración de las piezas** muestra los componentes del conjunto identificados por medio de un **número de orden** (Comm. Number).
- En la lista de piezas, los componentes se enumeran según el **número de orden (Item Number)** en la columna de **NÚMERO (Item)**. Otra información que aparece en la **lista de piezas** es el **número pedido**, necesario para encargar repuestos originales Ingersoll-Rand, una **descripción funcional (functional description)**, la **cantidad (quantity)** precisa para montar un conjunto completo y las **notas/dimensiones (notes/dimensions)** adicionales necesarias para poder hacer el pedido de piezas.
- Por ejemplo:** El filtro de aire es el elemento n° 3 de la página 43, y el número de pedido para dicho elemento es el M13221320, cantidad: 1.

Cuando no se conoce el n° de pedido (Comm.#) - Utilice el índice (Table of Contents):

- Diríjase al **ÍNDICE**, situado en las primeras páginas del manual. Dichas páginas recogen los sistemas principales de la máquina divididos en **GRUPOS FUNCIONALES** (Functional Groups).
- Localice el grupo funcional que mejor describa la zona de la máquina en la que está interesado. Por ejemplo: **Conjunto del motor** (Engine Assembly).
- Véase el ejemplo de índice más abajo:

4 Engine Assembly - Internal Breakdown

....

04-01-13 Carburetor - BX-60WH 39

04-01-14 Air Cleaner - BX-60WH..... 43

Enumeradas bajo el **grupo funcional de divisiones internas** (Internal Breakdown) hay **SECCIONES** (Sections) (identificadas por medio de números que describen los principales componentes reparables de ese grupo. Localice la lista que hace referencia al motor Honda (58836438).

- Dado que el filtro de aire es lo que necesitamos sustituir, remítase a la lista de piezas del motor. El filtro de aire usado en su máquina se encuentra en el **grupo funcional 04; Sección 01**, correspondientes a la primera parte del número de página. Diríjase al manual y encontrará la lista de piezas en la página **43** para el **filtro de aire** (13221312).

Cuando sí se conoce el n° de pedido (Comm.#) – Utilice el índice numérico (Numerical Index):

- Si conociese de antemano el número de pedido (referencia) del elemento de que se trate, encontrará en la parte posterior del manual un **ÍNDICE NUMÉRICO** que le será de utilidad. Busque el **número de pedido** que desee y el **índice numérico** le proporcionará el **número de página** en el que encontrará el elemento.

En el caso de nuestro filtro de aire de ejemplo: El número de pedido del filtro de aire 13221320 se encuentra en el índice numérico, donde vemos que el componente está en la página 43.

HOE MOET U DIT HANDBOEK GEBRUIKEN

Dit onderdelenhandboek is van toepassing op alle DX-700E Handgevoerde tandemtrilwalsen

Als het bestelnummer niet bekend is, gebruikt u de woordindex:

- De woordindex van Ingersoll-Rand maakt dit artikel gemakkelijk op te sporen. De woordindex vindt u helemaal achterin het boek. De artikelen in de lijst staan in alfabetische volgorde en kunnen, afhankelijk van hun functiebeschrijvingen, verscheidene keren worden herhaald.
- Stel dat u het **LUCHTFILTER (AIR CLEANER FILTER)** moet vervangen.

Gebruik een van de functiewoorden in de artikelbeschrijving om het gewenste artikel op te sporen. Voorbeeld: De eerste beschrijving voor het **luchtfilter** (Air Cleaner Filter) in de woordindex is: **Luchtreiniger Filter** (Air Cleaner Filter). De index toont dat de component kan worden gevonden op de pagina's **43 & 73**. Dit zijn de paginanummers van de onderdelenlijst voor de twee verschillende motorassemblages (Engine Assemblies).

A	
Air Cleaner Filter	43, 73
Air Cleaner.....	43, 73
Alert Unit, Oil.....	33, 69
Arm, Governor	37,69
B	
Bag, Tool13	

- Het artikel is ook in de lijst opgenomen als:
Filter, luchtreiniger (Filter, Air Cleaner)

De pagina's onderdelenidentificatie gebruiken:

- De PAGINA'S **ONDERDELENIDENTIFICATIE** bestaan uit de **ILLUSTRATIE VAN DE ONDERDELEN** (even genummerde pagina's) en de **ONDERDELENLIJST** (oneven genummerde pagina's).
- De illustratie van de onderdelen toont de assemblage met zijn componentonderdelen, geïdentificeerd aan de hand van de artikelnummers.
- Op de onderdelenlijst zijn de componenten opgesomd op volgorde van de artikelnummers, zoals ze worden aangetroffen in de kolom **ARTIKEL**. Andere informatie die door de onderdelenlijst wordt verstrekt, is het bestelnummer dat vereist is om originele Bobcat reserveonderdelen te bestellen, een functiebeschrijving, het aantal dat vereist is voor de montage van een complete assemblage, en alle extra opmerkingen/ afmetingen die vereist zijn om u te helpen bij de plaatsing van uw onderdelenbestelling.
- **Als voorbeeld: Het luchtfilter (Air Cleaner Filter) dat wordt getoond op pagina 43 is in de lijst opgenomen als artikel 3, en het bestelnummer voor het element is 13221320, het aantal is 1.**

Als het bestelnummer niet bekend is, gebruikt u de inhoudsopgave:

- Blader naar de pagina's van de INHOUDSOPGAVE vooraan in deze handleiding. Deze pagina's tonen de belangrijkste systemen van de machine, verdeeld in FUNCTIEGROEPEN.
- Zoek de functiegroep die het gedeelte van de machine waarin u geïnteresseerd bent het best beschrijft. Bijvoorbeeld: Motorassemblage (Engine Assembly).
- Zie het voorbeeld van de Inhoudsopgave dat hieronder wordt getoond:

4 Engine Assembly - Internal Breakdown

....

04-01-13 Carburetor - BX-60WH	39
04-01-14 Air Cleaner - BX-60WH.....	43

In de lijst zijn onder de functiegroep Interne storingen (Internal Breakdown) SECTIES opgenomen (geïdentificeerd door nummers die de belangrijkste repareerbare onderdelen van die groep beschrijven). Zoek de beschrijving die verwijst naar de Honda motor (58836438) (Honda Engine).

- Omdat het **luchtfILTER** (Air Cleaner Filter) vervangen moet worden, raadpleegt u de onderdelenlijst voor de **motor** (Engine).
De op uw machine gebruikte **luchtreiniger** (Air Cleaner) vindt u in functiegroep 04; Sectie 01, dit vormt het eerste deel van het paginanummer. Blader naar die sectie van het onderdelenhandboek en zoek de onderdelenlijst op pagina **43** van de **luchtreiniger** (13221312) (Air Cleaner).

Als het bestelnummer wel bekend is, gebruikt u de numerieke index:

- Als u het **bestelnummer** (onderdeelnummer) van het vereiste artikel al kent, gebruikt u de **NUMERIEKE INDEX** achterin de handleiding om u bij te staan. Zoek het gewenste bestelnummer op en de numerieke index toont u het paginanummer waar het artikel kan worden aangetroffen.

Voor ons Luchtfiltervoorbeeld: het bestelnummer voor het luchtfILTER 13221320 vindt u in de numerieke index. Deze toont aan dat de component kan worden gevonden op pagina 43.

STANDARD ABBREVIATIONS

AC	Alternating Current	Ref	Reference
A/R	As Required	RH	Right Hand
ARC	Authorized Rebuilt Component	RHSS	Round Head SelfTapping Screw
Assy	Assembly	ROPS	Roll-Over Protection System
BHCS	Button Head Cap Screw	RPM	Revolutions Per Minute
Cu Yd	Cubic Yard	SAE	Society of Automotive Engineers
Cyl	Cylinder	Sec	Section
DC	Direct Current	SFH	Slotted Fillister Head
Dia	Diameter	SHCS	Socket Head Cap Screw
Eff	Effective	SMV	Slow Moving Vehicle
FHCS	Flat Head Cap Screw	S/N	Serial Number
F-N-R	Forward-Neutral-Reverse	SPST	Single Pole/Single Throw
FOPS	Falling Object Protection System	S.T.	Self-Tapping
F/P	Fork Positioning	Std	Standard
Gr	Grade	Str	Straight
HHCS	Hex Head Cap Screw	Sw	Swivel
HHMS	Hex Head Machine Screw	Tach	Tachometer
HSBHCS	Hex Socket Button Head Cap Screw	Temp	Temperature
ID	Inside Diameter	Thd	Thread
LH	Left Hand	Thk	Thick
M	Metric	Typ	Typical
MIK	Maintenance Interval Kit	UNC	Unified Coarse
mm	Millimeter	UNF	Unified Fine
Nat Asp	Naturally Aspirated	Univ	Universal
Neg	Negative	Var	Variable
NSS	Not Sold Separately	V	Volt
NSVA	Non Serviceable Assembly	VPM	Vibrations Per Minute
OD	Outside Diameter	Wgt	Weight
Pos	Positive	w/	With
PSI	Pounds per Square Inch	w/o	Without
Q/A	Quick-Attach	Wp	Weatherproof

ABREVIATIONS STANDARD

AC	Courant alternatif	Ref	Référence
A/R	Comme requis	RH	Droite
ARC	Composant rénové autorisé	RHSS	Vis auto-taraudeuse à tête arrondie
Assy	Ensemble	ROPS	Dispositif de protection contre le retournement
BHCS	Vis à tête demi-ronde	RPM	Tours par minute
Cu Yd	Yard cubique	SAE	Society of Automotive Engineers
Cyl	Vérin	Sec	Section
DC	Courant continu	SFH	Tête conique à encoche
Dia	Diamètre	SHCS	Vis creuse à tête demi-ronde
Eff	Effectif	SMV	Véhicule lent
FHCS	Vis à tête plate	S/N	Numéro de série
F-N-R	Avant-Point mort-Arrière	SPST	Contacteur unipolaire
FOPS	Dispositif de protection contre la chute d'objets	S.T.	Auto-taraudeuse
F/P	Positionnement des fourches	Std	Standard
Gr	Classe	Str	Droit
HHCS	Vis à tête hex	Sw	Pivot
HHMS	Vis à six pans	Tach	Tachymètre
HSBHCS	Vis demi-ronde à six pans creuse	Temp	Température
ID	Diamètre intérieur	Thd	Filet
LH	Gauche	Thk	Epaisseur
M	Métrique	Typ	Typique
MIK	Kit de maintenance	UNC	Unifié gros
mm	Millimètre	UNF	Unifié fin
Nat Asp	Aspiré naturellement	Univ	Universel
Neg	Négatif	Var	Variable
NSS	Non vendu séparément	V	Volt
NSVA	Ensemble ne nécessitant pas d'entretien	VPM	Vibrations par minute
OD	Diamètre extérieur	Wgt	Poids
Pos	Positif	w/	Avec
PSI	Livres par pouce carré	w/o	Sans
Q/A	Fixation rapide	Wp	Etanche

STANDARDABKÜRZUNGEN

AC	Wechselstrom	RH	Rechts
A/R	Nach Bedarf	RHSS	Rundkopf-Schneidschraube
ARC	Mit Genehmigung instandgesetztes Teil	ROPS	Überrollschutz
Assy	Baugruppe	RPM	Umdrehungen pro Minute
BHCS	Halbrundschrabe	SAE	Gesellschaft der Automobilingenieure (Society of Automotive Engineers)
Cu Yd	Kubikyard	Sec	Kapitel, Schnitt
Cyl	Zylinder	SFH	Schlitzschraube mit Zylinderkopf
DC	Gleichstrom	SHCS	Innensechskant-Kopfschraube
Dia	Durchmesser	SMV	Langsam fahrendes Fahrzeug
Eff	Effektiv	S/N	Seriennummer
FHCS	Senkkopfschraube	SPST	Einpoliger Schalter
F-N-R	Vorwärts-Leerlauf-Rückwärts	S.T.	Selbstschneidend
FOPS	Aufbau zum Schutz gegen herabfallende Gegenstände	Std	Standard
F/P	Gabelpositionierung	Str	Gerade
Gr	Klasse	Sw	Drehgelenk
HHCS	Sechskantschraube	Tach	Drehzahlmesser
HHMS	Sechskant-Maschinenschraube	Temp	Temperatur
HSBHCS	Innensechskant-Halbrundkopfschraube	Thd	Gewinde
ID	Innendurchmesser	Thk	Dick
LH	Links	Typ	Typisch
M	Metrisch	UNC	Grobgewinde
MIK	Wartungssatz	UNF	Feingewinde
mm	Millimeter	Univ	Universal
Nat Asp	Saug-Neg Negativ	Var	Variable
NSS	Nicht separat verkauft	V	Volt
NSVA	Nicht wartbare Baugruppe	VPM	Vibrationen pro Minute
OD	Außendurchmesser	Wgt	Gewicht
Pos	Positiv	w/	Mit
PSI	Pfund pro Quadratzoll	w/o	Ohne
Q/A	Schnellanbringung	Wp	Witterungsbeständig
Ref	Referenz		

ABBREVIAZIONI STANDARD

AC	Corrente alternata	Ref	Riferimento
A/R	Secondo la necessità	RH	Destro
ARC	Componente a ricostruzione autorizzata	RHSS	Vite autofilettante a testa circolare
Assy	Gruppo	ROPS	Sistema di protezione contro il ribaltamento
BHCS	Vite con testa tonda stretta	RPM	Giri al minuto
Cu Yd	larda cubica	SAE	Society of Automotive Engineers
Cyl	Cilindro	Sec	Sezione
DC	Corrente diretta	SFH	Testa cilindrica a fessura
Dia	Diametro	SHCS	Vite ad esagono incassato
Eff	Effettivo	SMV	Veicolo lento
FHCS	Vite a testa piana	S/N	Numero di serie
F-N-R	Avanti-Folle-Retromarcia	SPST	Interruttore unipolare
FOPS	Sistema di protezione contro la caduta di oggetti	S.T.	Autofilettante
F/P	Posizionamento della forza	Std	Standard
Gr	Grado	Str	Diritto
HHCS	Vite a testa esagonale	Sw	Interruttore
HHMS	Vite a testa esagonale lavorata	Tach	Tachimetro
HSBHCS	Vite a testa esagonale incassata	Temp	Temperatura
ID	Diametro interno	Thd	Filettatura
LH	Sinistro	Thk	Grosso
M	Metrico	Typ	Tipico
MIK	Kit intervallo di manutenzione	UNC	Passo grosso
mm	Millimetro	UNF	Passo fine
Nat Asp	Aspirato naturalmente	Univ	Universale
Neg	Negativo	Var	Variabile
NSS	Non venduto separatamente	V	Volt
NSVA	Gruppo non riparabile	VPM	Vibrazioni al minuto
OD	Diametro esterno	Wgt	Peso
Pos	Positivo	w/	Con
PSI	Libbre per pollice quadrato	w/o	Senza
Q/A	Aggancio rapido	Wp	Resistente all'acqua

ABREVIATURAS ESTÁNDAR

AC	Corriente alterna	Ref	Número de orden
A/R	Según sea necesario	RH	Derecha
ARC	Componente reelaborado autorizado	RHSS	Tornillo autorroscante cabeza redonda
Assy	Conjunto	ROPS	Sist. protección contra vuelcos
BHCS	Tornillo de cabeza de botón	RPM	Revoluciones por minuto
Cu Yd	Yarda cúbica	SAE	Society of Automotive Engineers
Cyl	Cilindro	Sec	Sección
DC	Corriente continua	SFH	Cabeza con ranura de encaje
Dia	Diámetro	SHCS	Tornillo con cabeza de tubo
Eff	Efectivo	SMV	Vehículo lento
FHCS	Tornillo de cabeza plana	S/N	Número de serie
F-N-R	Adelante-Punto muerto-Atrás	SPST	Unipolar y univanal (un contacto)
FOPS	Sist. protección contra caída de objetos	S.T.	Autorroscante
F/P	Posicionamiento de las horquillas	Std	Estándar
Gr	Nivelar	Str	Recto
HHCS	Tornillo de cabeza hexagonal	Sw	Basculante
HHMS	Tornillo de cabeza hexagonal maqui- nada	Tach	Tacómetro
HSBHCS	Tornillo de cabeza botón hexagonal	Temp	Temperatura
ID	Diámetro interior	Thd	Rosca
LH	Izquierda	Thk	Grueso
M	Métrico	Typ	Típico
MIK	Conjunto de intervalo de mantenimiento	UNC	Paso ancho unificado
mm	Milímetro	UNF	Paso fino unificado
Nat Asp	Aspirado	Univ	Universal
Neg	Negativo	Var	Variable
NSS	No se vende por separado	V	Voltios
NSVA	Conjunto no reparable	VPM	Vibraciones por minuto
OD	Diámetro exterior	Wgt	Peso
Pos	Positivo	w/	Con
PSI	Libras por pulgada cuadrada	w/o	Sin
Q/A	Quick-Attach (enganche rápido)	Wp	Impermeable

STANDAARD AFKORTINGEN

AC	Wisselstroom	Ref	Referentie
A/R	Zoals vereist	RH	Rechts
ARC	Toegelaten ruilcomponent	RHSS	Bolkop parkerschroef
Assy	Samenstel	ROPS	Roll-over beschermingsysteem
BHCS	(Plat)bolkop kopschroef	TPM	Toeren per minuut
Cu Yd	Kubieke yard	SAE	Society of Automotive Engineers (Vereniging van autotechnische ingenieurs)
Cyl	Cilinder		
DC	Gelijkstroom	Sec	Sectie
Dia	Diameter	SFH	Sleufcilinderkop
Eff	Effectief	SHCS	Inbuskop kopschroef
FHCS	Platkop kopschroef	SMV	Traag bewegend voertuig
F-N-R	Vooruit -Vrijstand-Achteruit	S/N	Serienummer
FOPS	Beschermingsysteem tegen vallende objecten	SPST	Enkelpolig/enkele wikkelspoed
F/P	Vorkpositionering	S.T.	Zelftappend
Gr	Graad	Std	Standaard
HHCS	Zeskantkop kopschroef	Str	Recht
HHMS	Zeskantkop kolomschroef	Sw	Wartel
HSBHCS	Platbolkop kopschroef met verzonken zeskant	Tach	Snelheidsmeter
ID	Binnendiameter	Temp	Temperatuur
LH	Links	Thd	Schroefdraad
M	Metrisch	Thk	Dik
MIK	Onderhoudsintervalkit	Typ	Karakteristiek
mm	Millimeter	UNC	Grove schroefdraad
Nat Asp	Natuurlijke aanzuiging	UNF	Fijne schroefdraad
Neg	Negatief	Univ	Universeel
NSS	Niet afzonderlijk verkocht	Var	Variabele
NSVA	Niet onderhoudbaar samenstel	V	Volt
OD	Buitendiameter	VPM	Trillingen per minuut
Pos	Positief	Wgt	Gewicht
PSI	Pond per vierkante inch	w/	Met
Q/A	Snelbevestiging	w/o	Zonder
		Wp	Weerbestendig

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Walk-Behind Duplex Rollers DX-700E

Recommended Service Parts

0 - 1000 Operating Hours

**Recommended
Service Parts**
0-1000 Operating Hours

PC000000

Recommended Service Parts

0 - 1000 Operating Hours

**Section
00-01-01**

Item	Part Number	Denomination	Remarks	Serial Number	Qty
		Engine - Kubota			
	59333708	Oil Filter			1
	59335307	Fuel Filter Assembly			1
	59854398	Element Assembly			1
	59239038	Fuel Tank Cap			1
	59335828	Radiator Cap			1
	59854414	V-belt			1
	59854315	Air Cleaner Element			1
	59239160	Ignition Switch Assembly			1
	59239178	Ignition Key			1
		Frame			
	54674320	Water Tank Cap			1
	54674262	Oil Tank Cap			1
	54678008	Forward/Reverse Lever Knob			1
	54678008	Forward/Reverse Lever Knob			1
	59952192	Throttle Lever Knob			1
	54677109	Brake Lever			1
		Drum			
	54679535	V-Belt			1
		Hydraulics			
	22070387	Hydraulic Tank Cap			1
	22070072	Hydraulic Tank Filter			1
	59838581	Oil Filter			1

Recommended Service Parts

1000 - 3000 Operating Hours

**Recommended
Service Parts**
1000-3000 Operating Hours

PC000136

**Section
00-01-02**

Walk-Behind Duplex Rollers DX-700E

Recommended Service Parts

3000 < Operating Hours

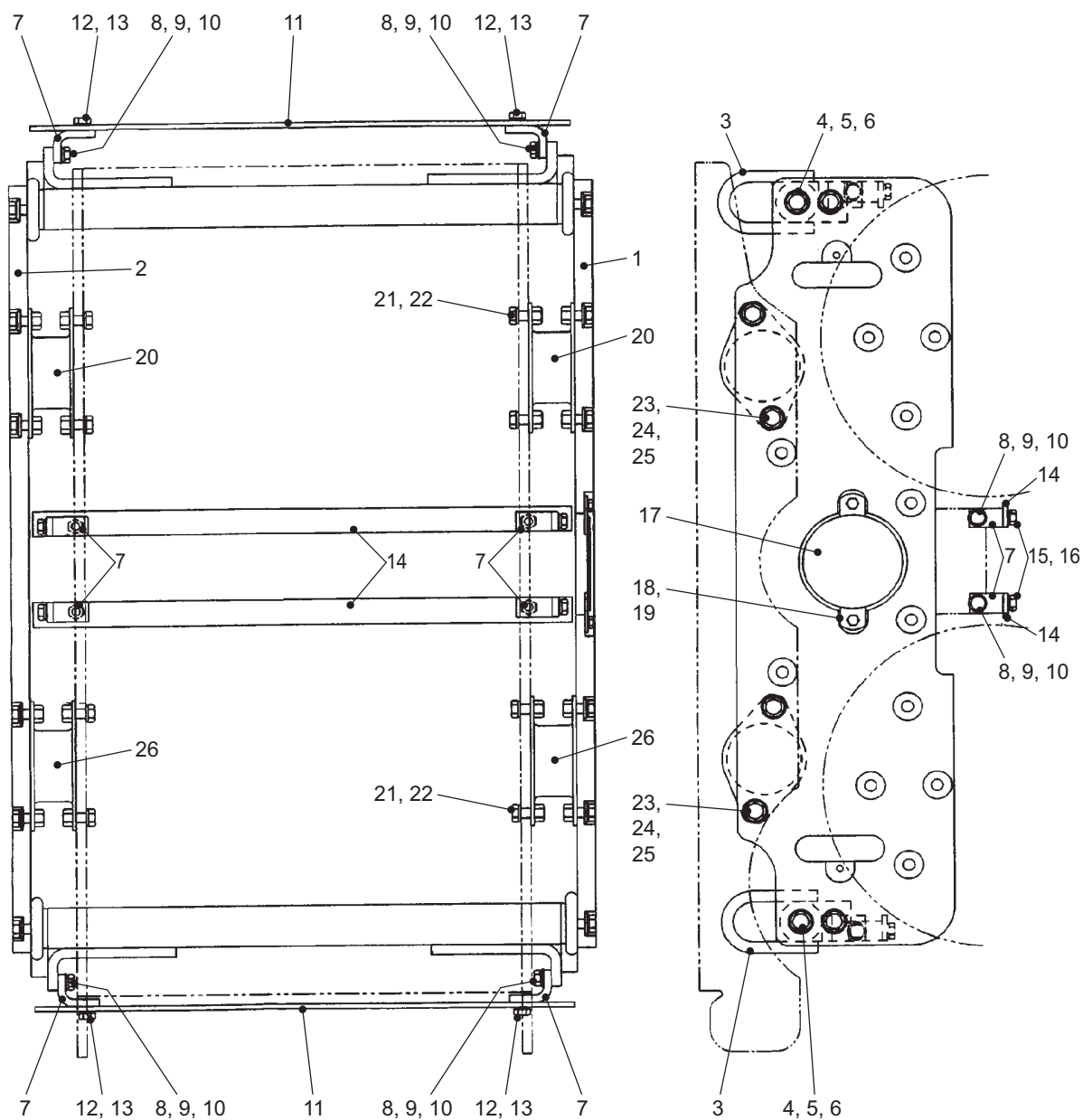
**Recommended
Service Parts**
3000 < Operating Hours

PC000137

**Section
00-01-03**

Walk-Behind Duplex Rollers DX-700E

Frame Installation



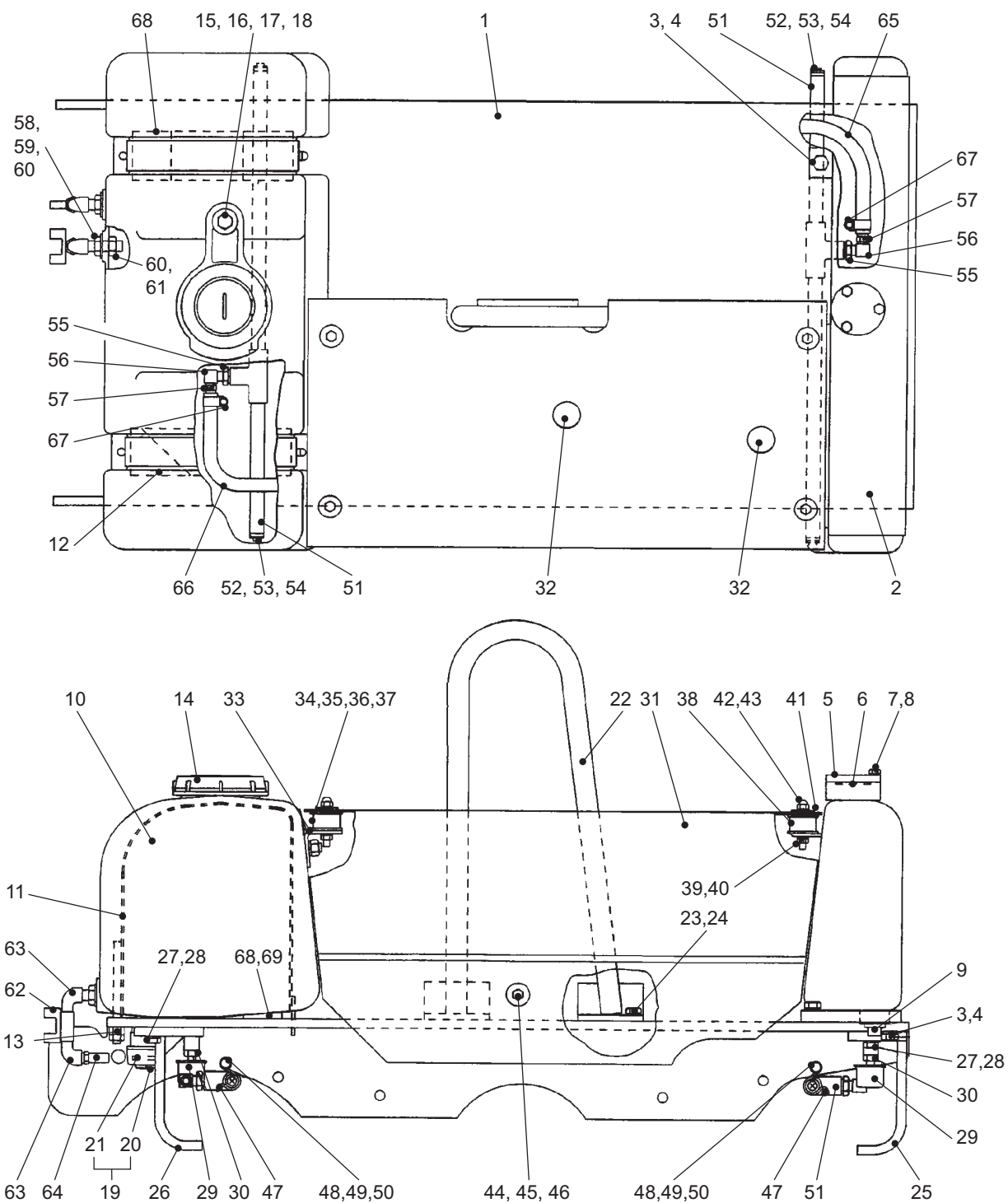
PC000125

Frame Installation

Section
01-01-01

Item	Part Number	Denomination	Remarks	Serial Number	Qty
1	22069819	Side Frame, RH			1
2	22069827	Side Frame, LH			1
3	22070122	Member			1
4	59831594	Bolt			8
5	59831602	Lockwasher			8
6	54674205	Plain Washer			8
7	22070163	Scraper Bracket			8
8	59952242	Bolt			8
9	59951632	Spring Washer			8
10	54674171	Washer			8
11	22070148	Scraper (A)			2
12	59831826	Bolt			4
13	59951632	Spring Washer			4
14	22070155	Scraper (B)			2
15	59831826	Bolt			4
16	59951632	Spring Washer			4
17	54674189	Cover (B)			1
18	59188144	Bolt			2
19	59831560	Lockwasher			2
20	22070031	Rubber Buffer			2
21	59831594	Bolt			8
22	59831743	Spring Washer			8
23	59831594	Bolt			8
24	59831602	Lockwasher			8
25	54674205	Plain Washer			8
26	22070049	Rubber Buffer			2

Oil Tank & Water Tank Installation



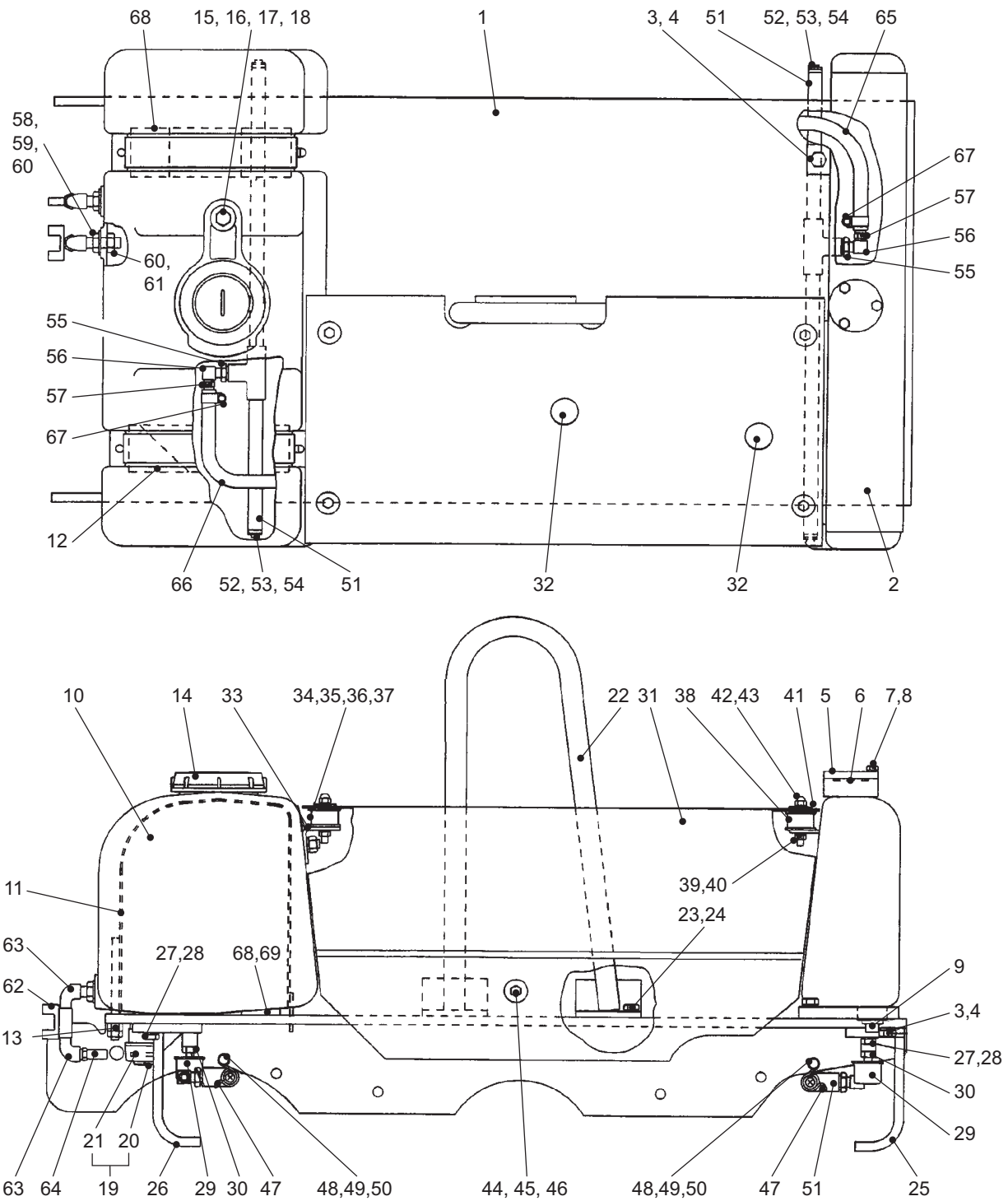
Oil Tank & Water Tank Installation

Section
01-01-02

Item	Part Number	Denomination	Remarks	Serial Number	Qty
1	22070130	Base			1
2	54674247	Oil Tank (DX-600E)			1
3	59831594	Bolt			4
4	59831743	Spring Washer			4
5	54674262	Oil Tank Cap			1
6	59406603	O-ring			1
7	59832535	Bolt			3
8	59831925	Spring Washer			3
9	54674270	Plug			1
10	54674288	Water Tank (DX-600E)			1
11	54674304	Water Tank Band			2
12	54674643	Tank Set Plate (B)			1
13	54674312	Nut			4
14	54674320	Water Tank Cap			1
15	54674338	Bolt			1
16	59235796	Packing			1
17	59952473	Plain Washer			1
18	54674346	Capnut			1
19	54674353	Drain Cap CP	Includes Ref. 20 + 21		1
20	54674361	Drain Cap			1
21	54674379	Packing			1
22	54674387	Lifting Hook			1
23	59952242	Bolt			4
24	59951632	Spring Washer			4
25	22070106	Stopper Plate (A)			1
26	22070114	Stopper Plate (B)			1
27	59952242	Bolt			4
28	59951632	Spring Washer			4
29	54674429	Rubber Stop			2
30	58835943	Nut			2
31	22070189	Cover (A)			1

Oil Tank & Water Tank Installation

Recurrence of previous drawing



PC000126

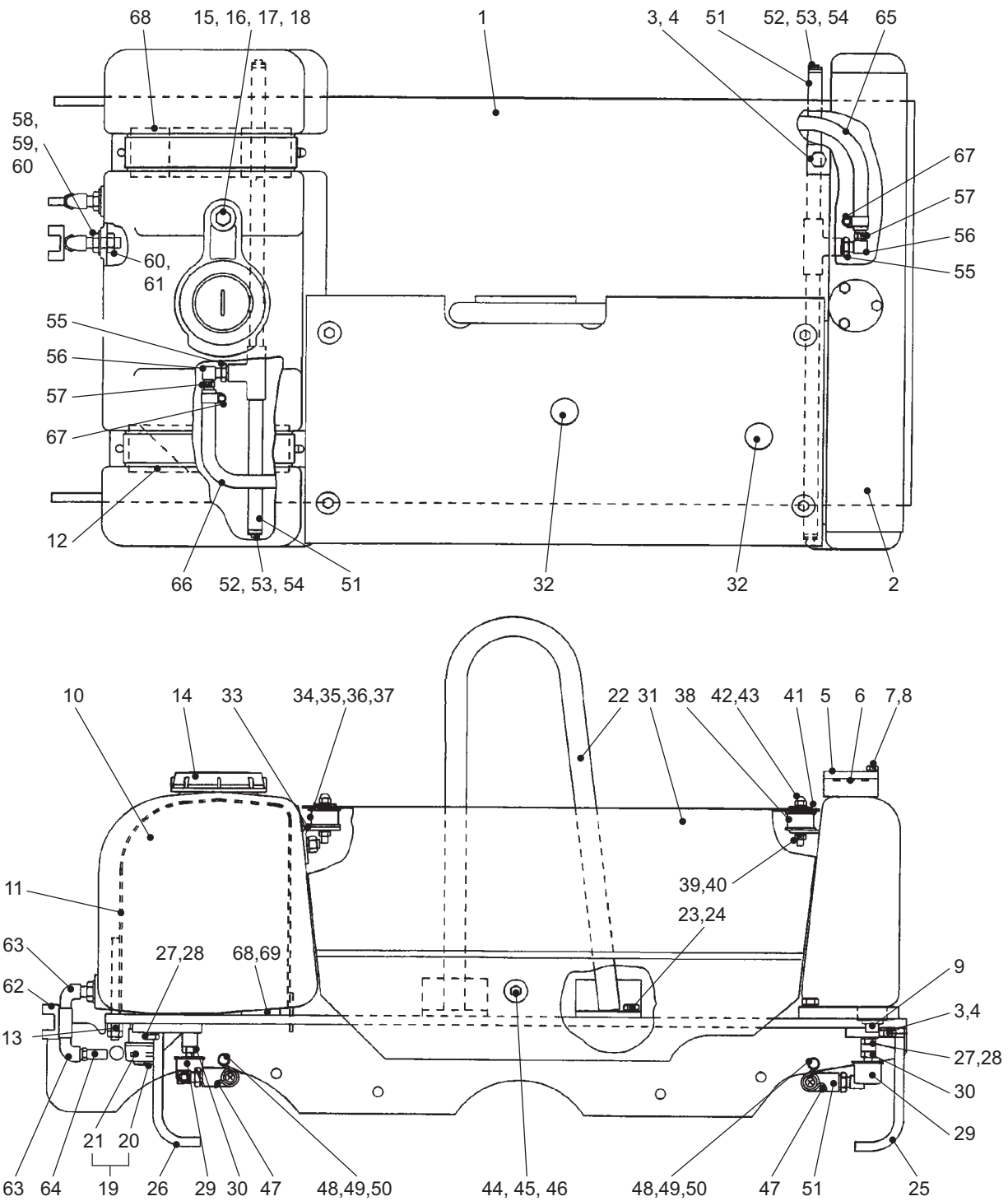
Oil Tank & Water Tank Installation

Section
01-01-02

Item	Part Number	Denomination	Remarks	Serial Number	Qty
32	54674460	Cap			2
33	54674478	Bracket (DX-600E)			1
34	54674494	Bolt			2
35	59235796	Packing			2
36	59831750	Nut			2
37	59831743	Spring Washer			2
38	59835330	Rubber Buffer (B)			4
39	59832931	Nut			4
40	59831925	Spring Washer			4
41	59838011	Plain Washer			4
42	54674502	Capnut			4
43	59831925	Spring Washer			4
44	59832535	Bolt			1
45	59831925	Spring Washer			1
46	59838011	Plain Washer			1
47	54674510	Sprinkler Pipe Bracket			4
48	59832535	Bolt			4
49	59831925	Spring Washer			4
50	54674528	Washer			4
51	22070171	Sprinkler Pipe			2
52	59832170	Rubber Plug Assembly			4
53	59954123	Screw			4
54	59954131	Spring Washer			4
55	54674551	Bushing			2
56	59951764	Elbow			2
57	54674569	Hose Joint			2
58	59235770	Joint			2
59	54674577	Washer			2
60	59235796	Packing			4
61	59235788	Nut			2
62	54674585	Sprinkler Valve			2

Oil Tank & Water Tank Installation

Recurrence of previous drawing

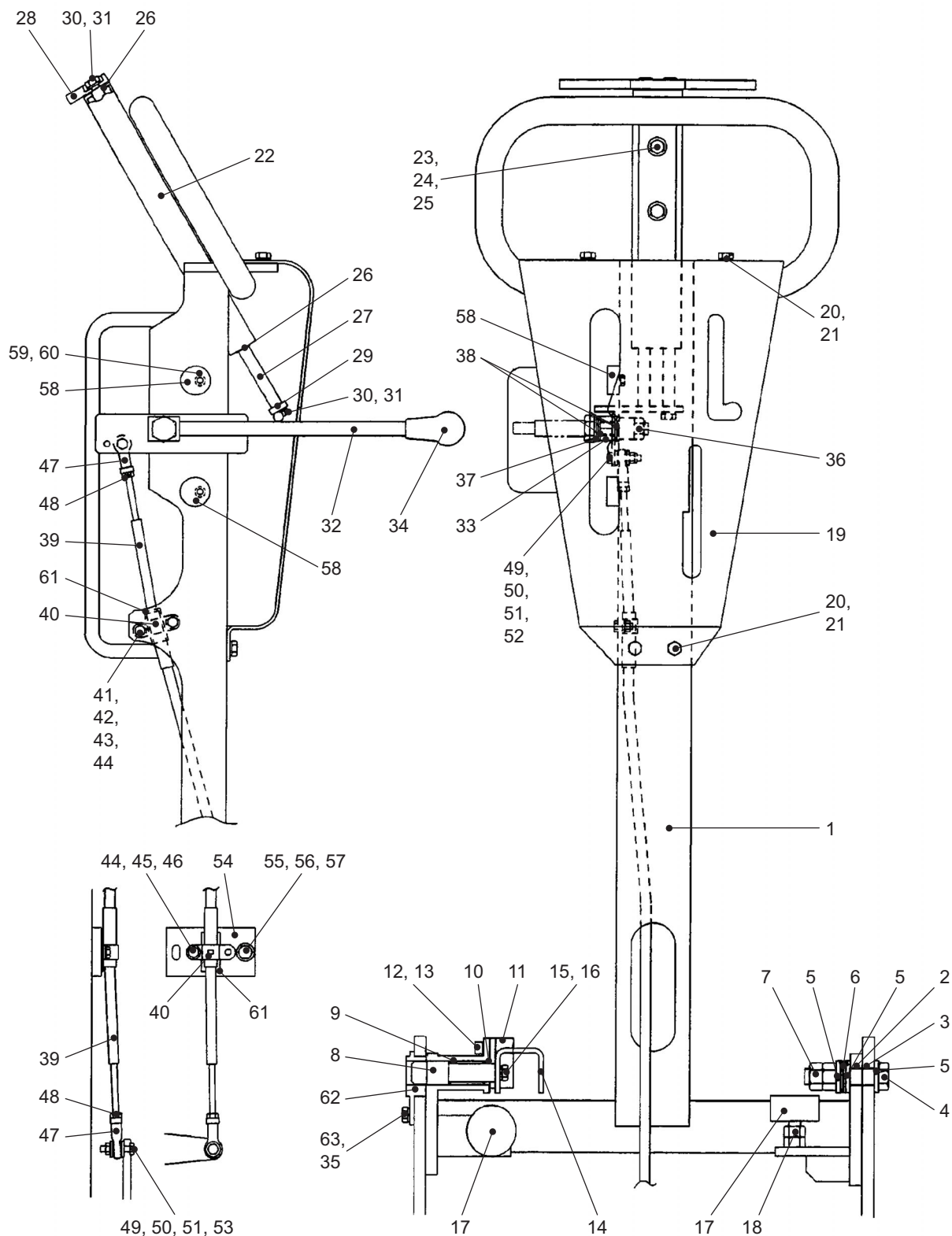


PC000126

**Section
01-01-02**

15

Operation Handle Installation Forward/Reverse



PC000127

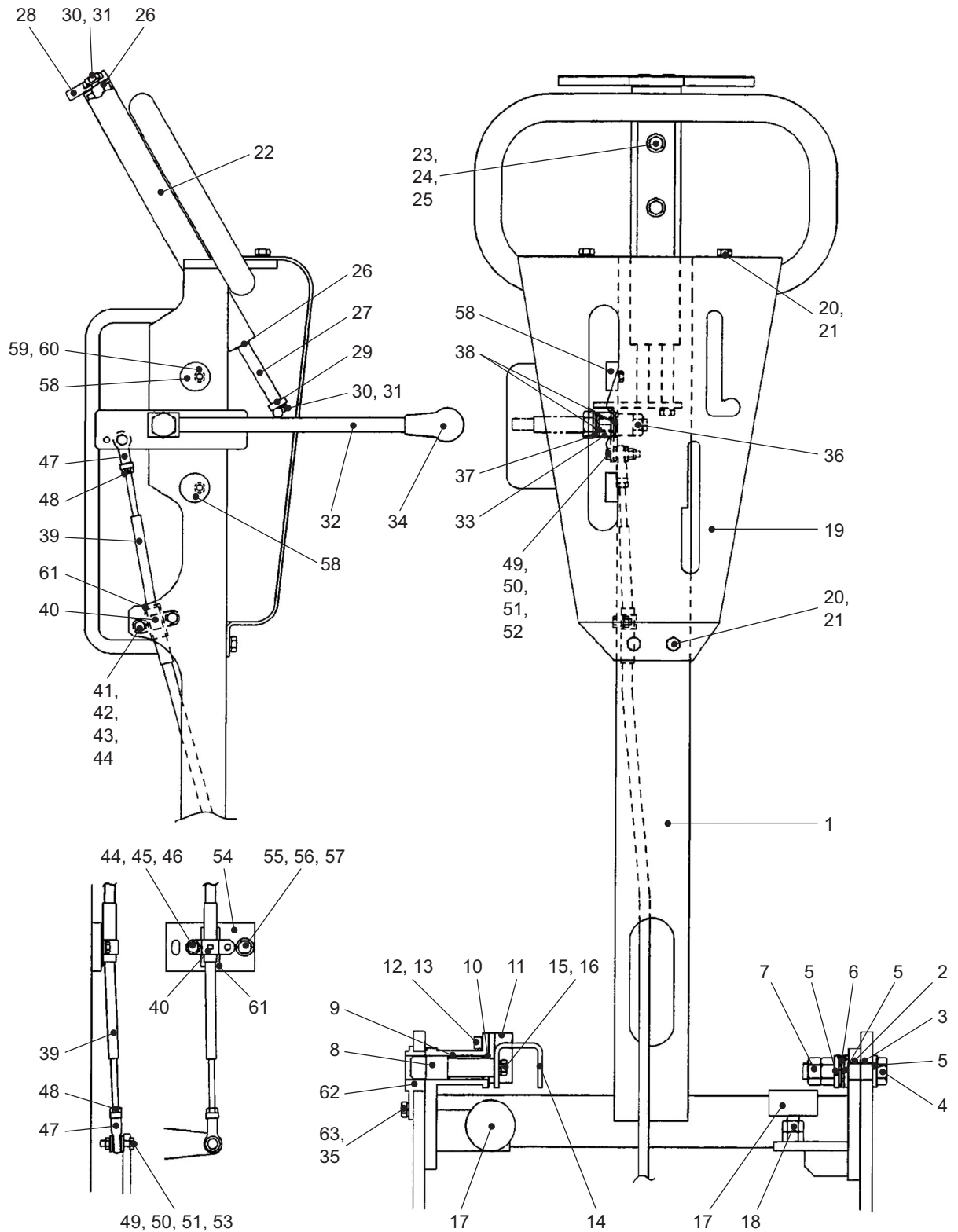
Operation Handle Installation

Forward/Reverse

Section
01-01-03

Item	Part Number	Denomination	Remarks	Serial Number	Qty
1	54677802	Operation Handle			1
2	22069918	Bushing			2
3	22069918	Bushing			2
4	54677836	Bolt			2
5	22069850	Plain Washer			6
6	54677844	Friction Spring			8
7	54677851	Nut			4
8	54677869	Pin			1
9	59836221	Return Spring			1
10	54677877	Collar			1
11	54677885	Bracket			1
12	54677893	Socket Head Bolt			1
13	59831560	Lockwasher			1
14	54677901	Hook			1
15	59832535	Bolt			1
16	59831925	Spring Washer			1
17	59832766	Rubber Stop			2
18	59831750	Nut			2
19	54677919	Lever Guide			1
20	59188144	Bolt			4
21	59831925	Spring Washer			4
22	54677927	Holder			1
23	59832535	Bolt			2
24	59831925	Spring Washer			2
25	54677935	Washer			2
26	54677943	Bushing			4
27	54677950	Rod			2
28	54677968	Bar			1
29	54677976	Bar			1
30	59188144	Bolt			4
31	59831925	Spring Washer			4

Operation Handle Installation Forward/Reverse



PC000127

Operation Handle Installation

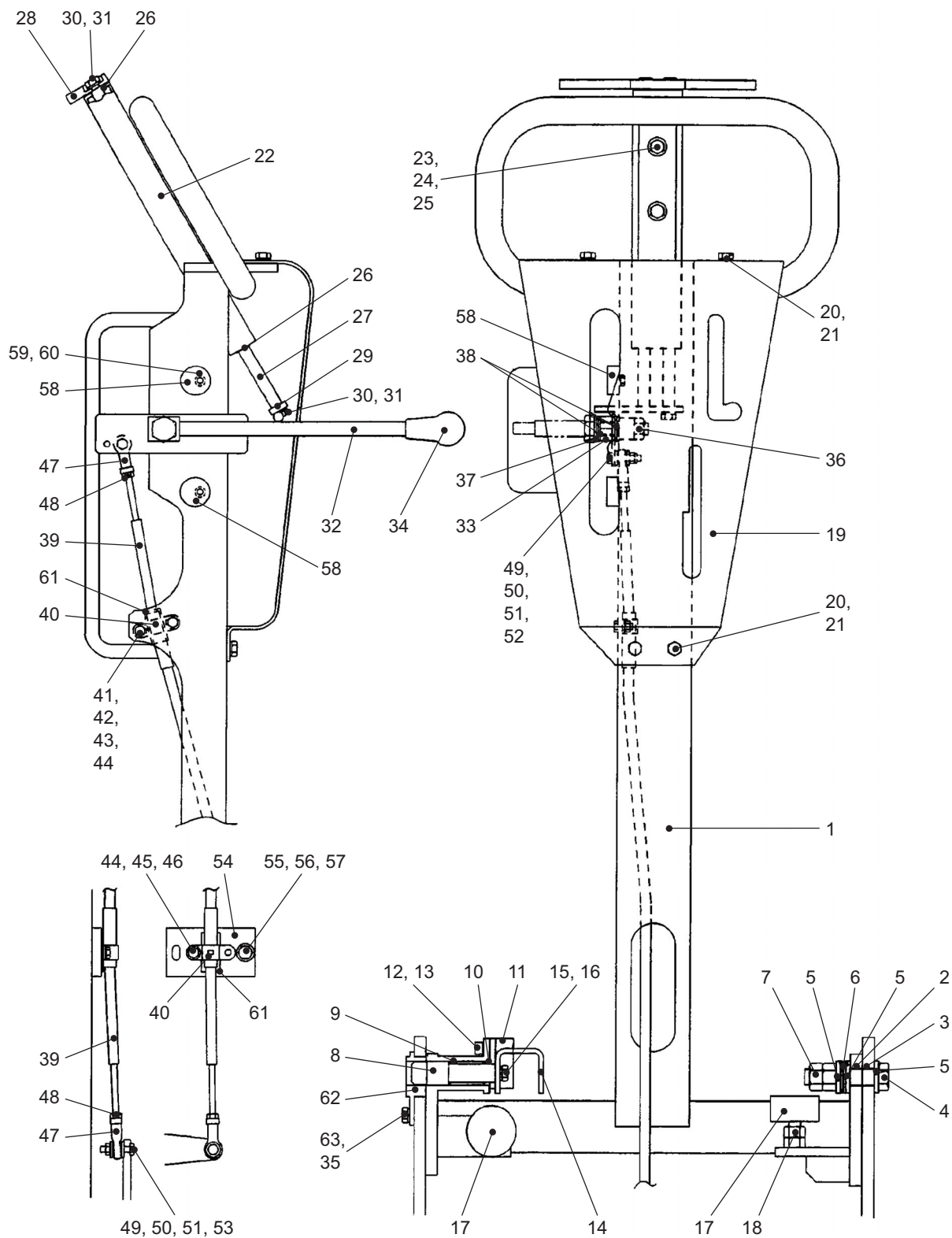
Forward/Reverse

Section
01-01-03

Item	Part Number	Denomination	Remarks	Serial Number	Qty
32	54677984	Forward / Reverse Lever			1
33	54677992	Bushing			1
34	54678008	Forward/Reverse Lever Knob			1
35	59831925	Spring Washer			2
36	59831750	Nut			1
37	54678016	Plain Washer			1
38	54678024	Friction Spring			4
39	22069983	Forward/Reverse Cable			1
40	54678040	Bracket			2
41	59952903	Bolt			2
42	59833350	Spring Washer			2
43	59405514	Nut			2
44	59954131	Spring Washer			4
45	59839126	Bolt			2
46	59833350	Spring Washer			2
47	54678057	Rod End			2
48	59405514	Nut			2
49	59953224	Bolt			2
50	59954131	Spring Washer			4
51	59833350	Spring Washer			2
52	54678065	Nylon Nut			1
53	59405514	Nut			1
54	54678073	Clamp Set Plate			1
55	59952325	Bolt			2
56	59831925	Spring Washer			2
57	54678099	Washer			2
58	54678107	Collar			2
59	54676465	Bolt			2
60	59833350	Spring Washer			2
61	54678115	Spacer			2
62	54678123	Holder			1

Operation Handle Installation Forward/Reverse

Recurrence of previous drawing



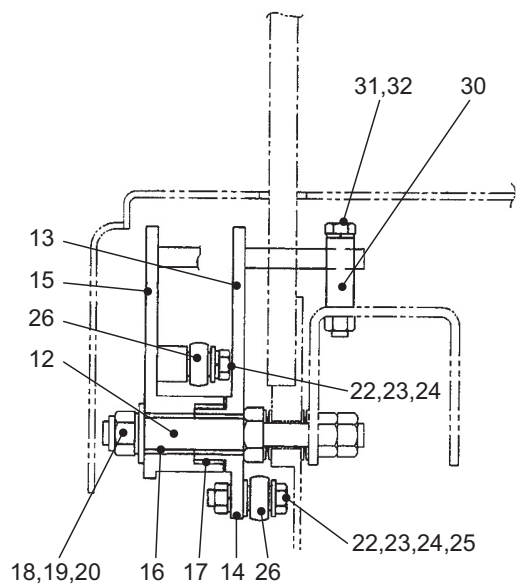
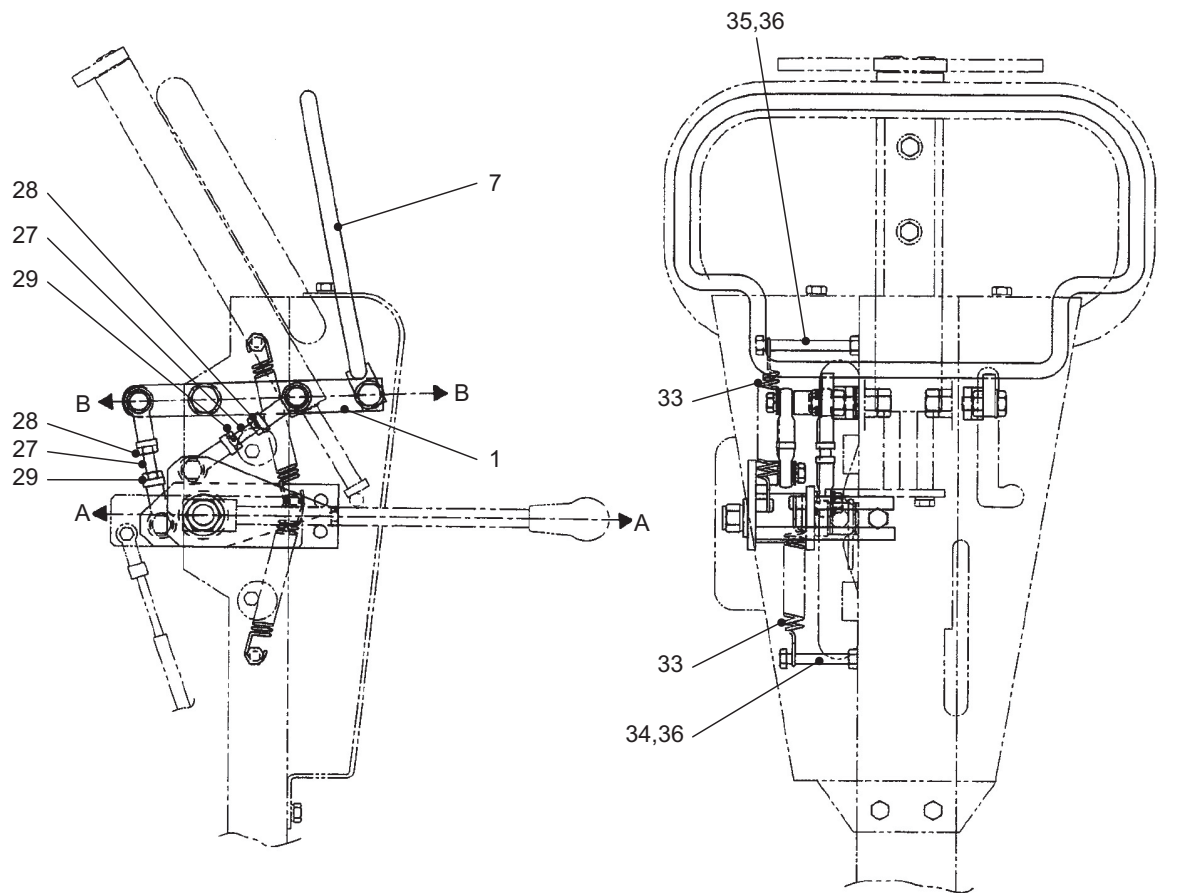
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Operation Handle Installation

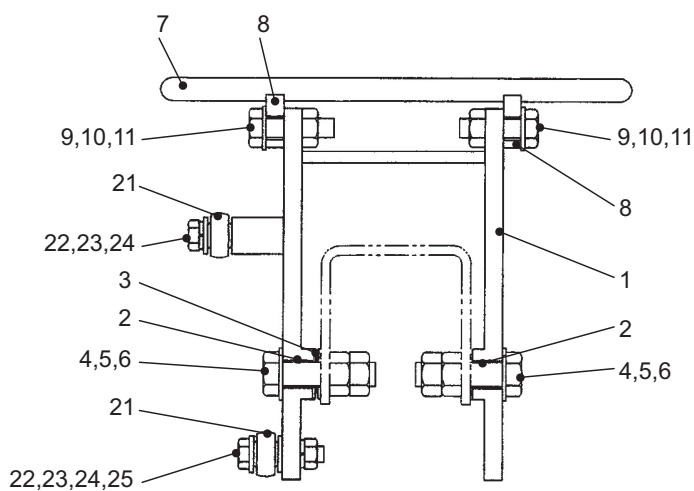
**Section
01-01-03**

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Operating Handle Installation Neutral



A-A SECTION



B-B SECTION

PC000081

Operating Handle Installation

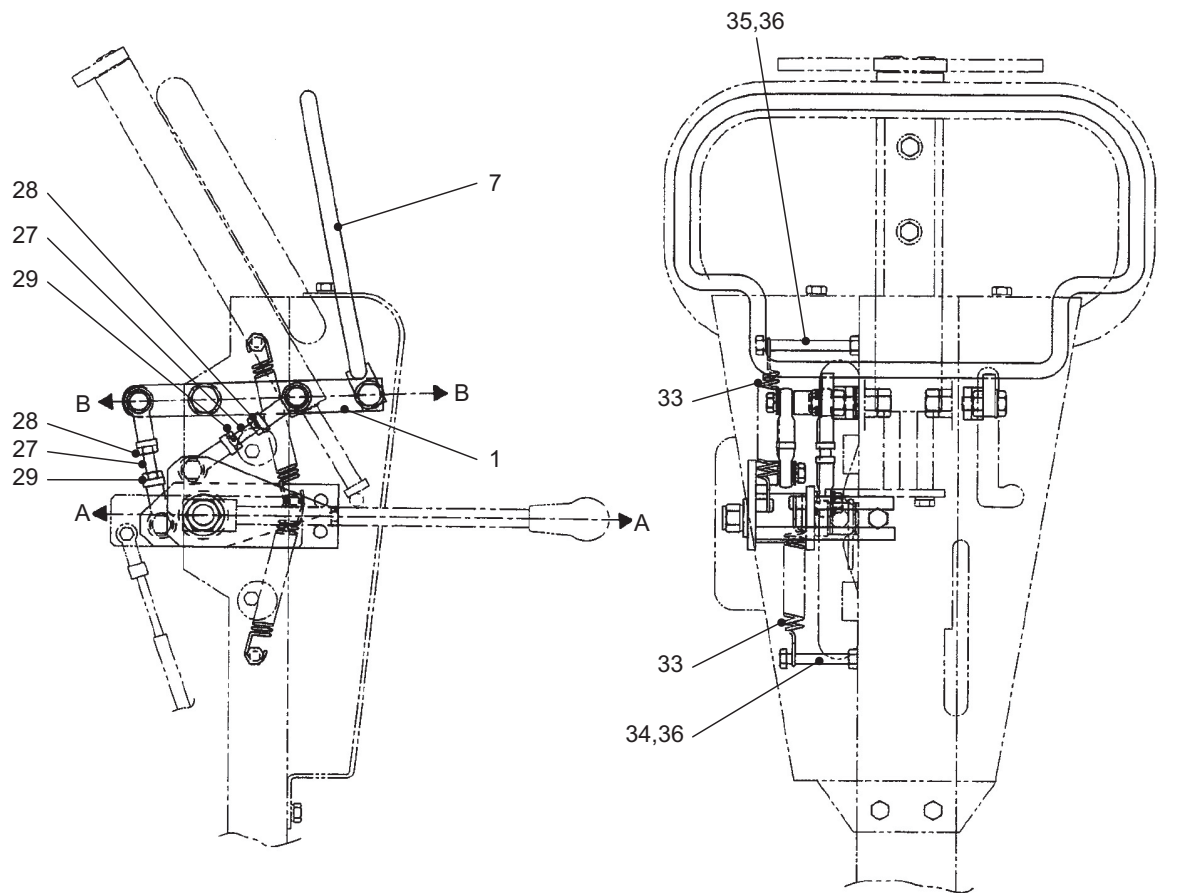
Neutral

Section
01-01-04

Item	Part Number	Denomination	Remarks	Serial Number	Qty
1	54678321	Handle Bracket			1
2	54677992	Bushing			2
3	59831602	Lockwasher			2
4	54678149	Bolt			2
5	59831750	Nut			2
6	59952473	Plain Washer			2
7	54678339	Handle			1
8	54678347	Bushing			2
9	59831792	Bolt			2
10	59841106	Washer			2
11	58835943	Nut			2
12	54678354	Shaft Arm			1
13	54678362	Neutral Arm (A)			1
14	54678370	Bushing			1
15	54678388	Neutral Arm (B)			1
16	54678370	Bushing			1
17	54678396	Bushing			1
18	59840454	Nylon Nut			1
19	59831743	Spring Washer			1
20	59952473	Plain Washer			1
21	59833103	Rod End			2
22	59952382	Bolt			2
23	54678099	Washer			6
24	59831925	Spring Washer			4
25	59832931	Nut			2
26	54678412	Rod End			2
27	54678420	Rod			2
28	59832931	Nut			2
29	54678446	Nut			2
30	54678453	Stop Guide			1
31	59952341	Bolt			1

Operating Handle Installation Neutral

Recurrence of previous drawing



A-A SECTION

B-B SECTION

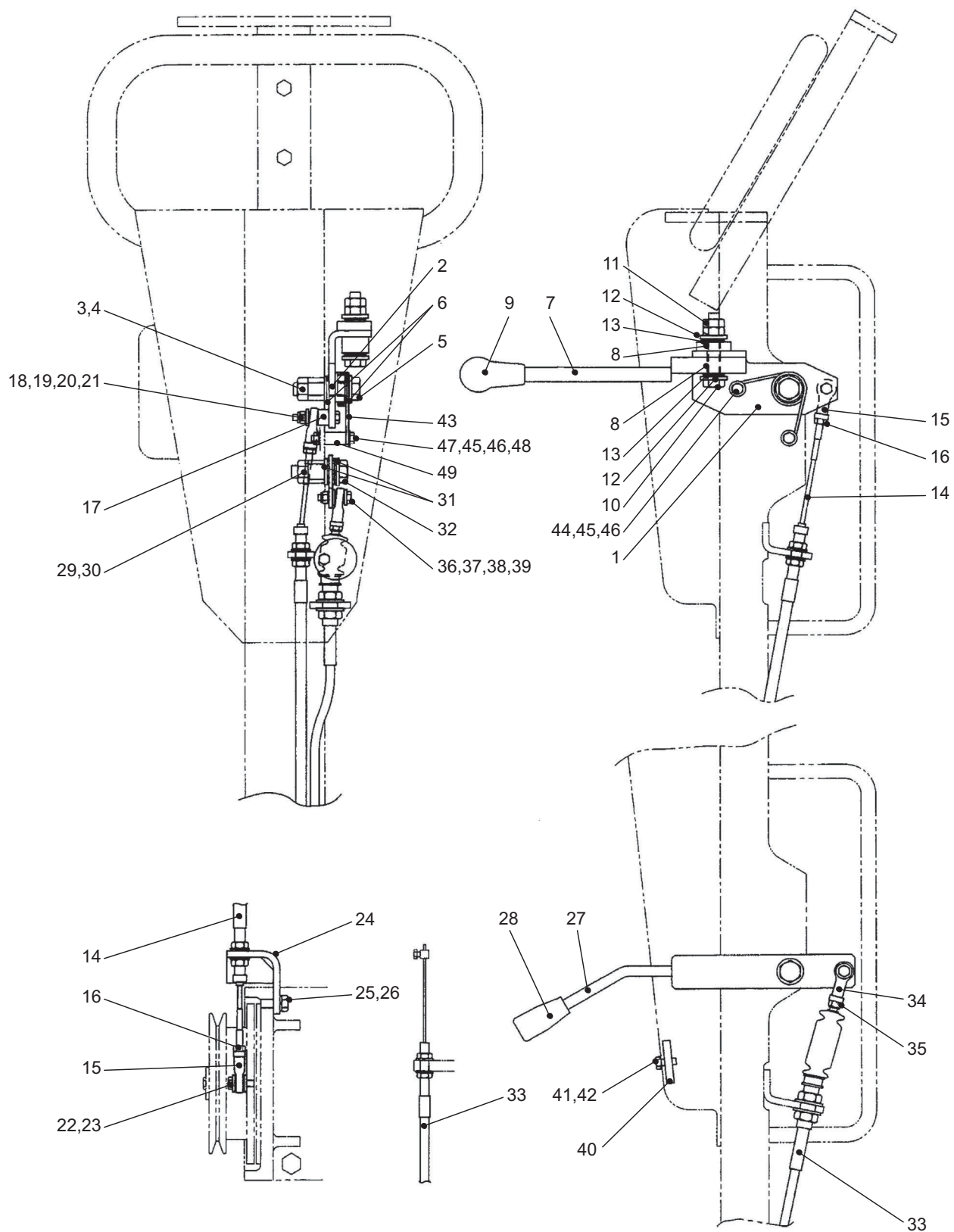
PC000081

Operating Handle Installation

**Section
01-01-04**

[illegible]

Vibration Lever/Throttle Lever Installation



PC000082

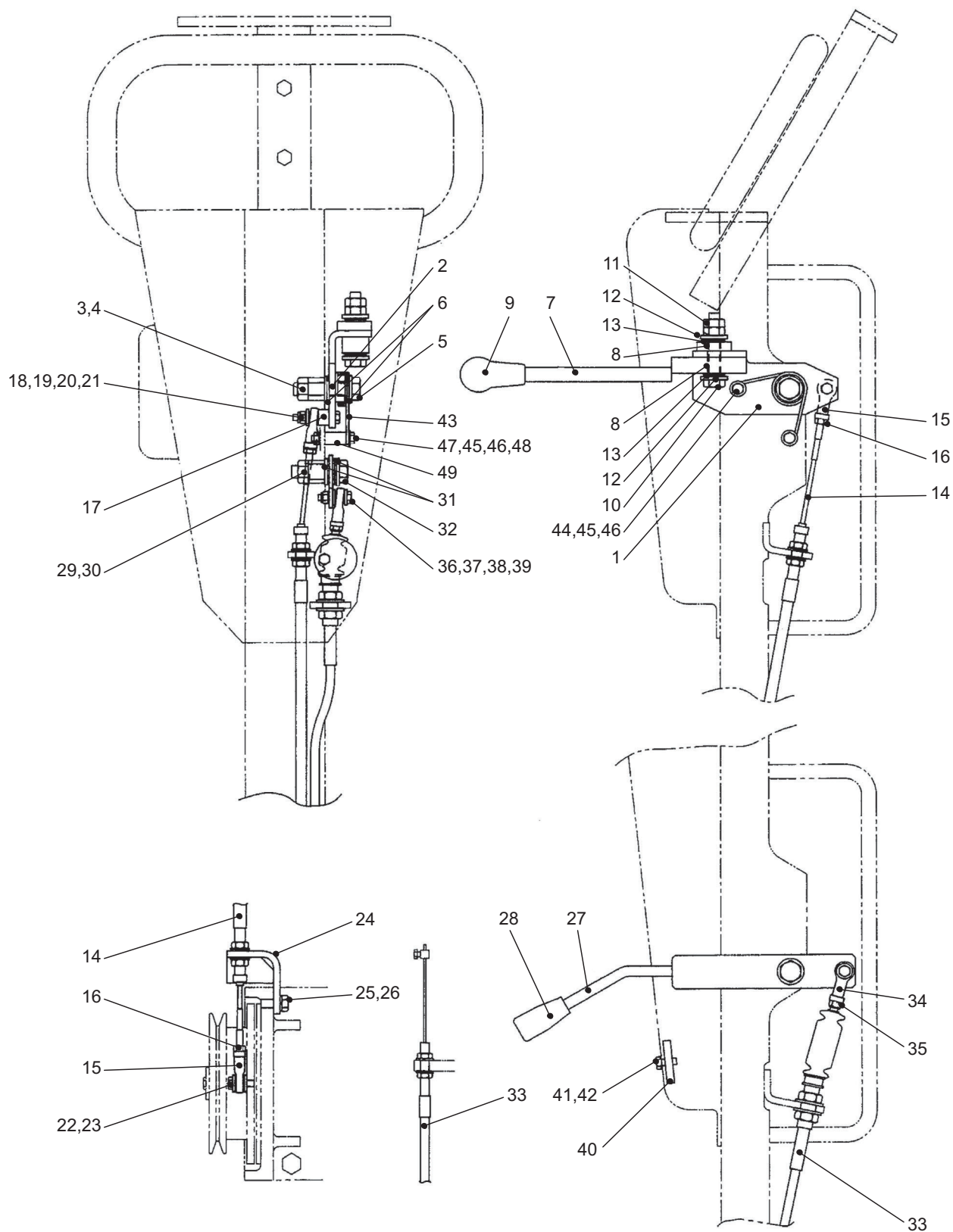
Vibration Lever/Throttle Lever Installation

**Section
01-01-05**

Item	Part Number	Denomination	Remarks	Serial Number	Qty
1	54678131	Vibration Holder			1
2	54677992	Bushing			1
3	54678149	Bolt			1
4	59831750	Nut			1
5	54678016	Plain Washer			1
6	54678024	Friction Spring			4
7	54678156	Vibration Lever			1
8	54678164	Bushing			2
9	54678008	Forward/Reverse Lever Knob			1
10	54678172	Bolt			1
11	58835943	Nut			2
12	59952291	Washer			2
13	54678180	Friction Spring			4
14	22069991	Vibration Cable			1
15	54678057	Rod End			2
16	59405514	Nut			2
17	54678206	Collar			1
18	54678214	Bolt			1
19	59954131	Spring Washer			2
20	59833350	Spring Washer			1
21	54678065	Nylon Nut			1
22	59952903	Bolt			1
23	59954131	Spring Washer			2
24	54678222	Bracket			1
25	59832535	Bolt			2
26	59831925	Spring Washer			2
27	54678230	Throttle Lever			1
28	59952192	Throttle Lever Knob			1
29	59405712	Bolt			1
30	59831750	Nut			1
31	54678016	Plain Washer			1

Vibration Lever/Throttle Lever Installation

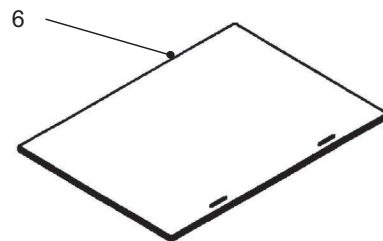
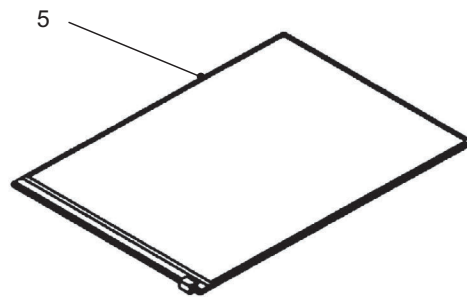
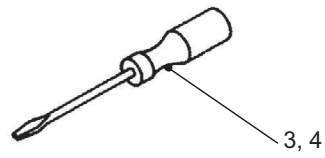
Recurrence of previous drawing



PC000082

**Section
01-01-05**

Walk-Behind Duplex Rollers DX-700E

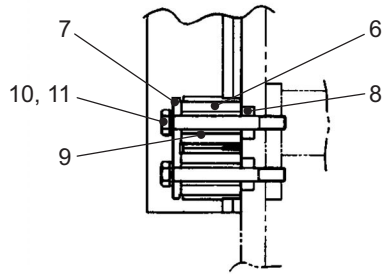


**Section
01-01-06**

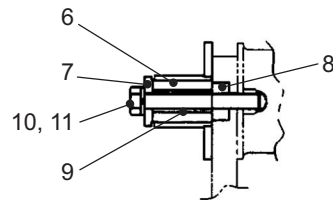
Walk-Behind Duplex Rollers DX-700E

Truck Hook Assembly

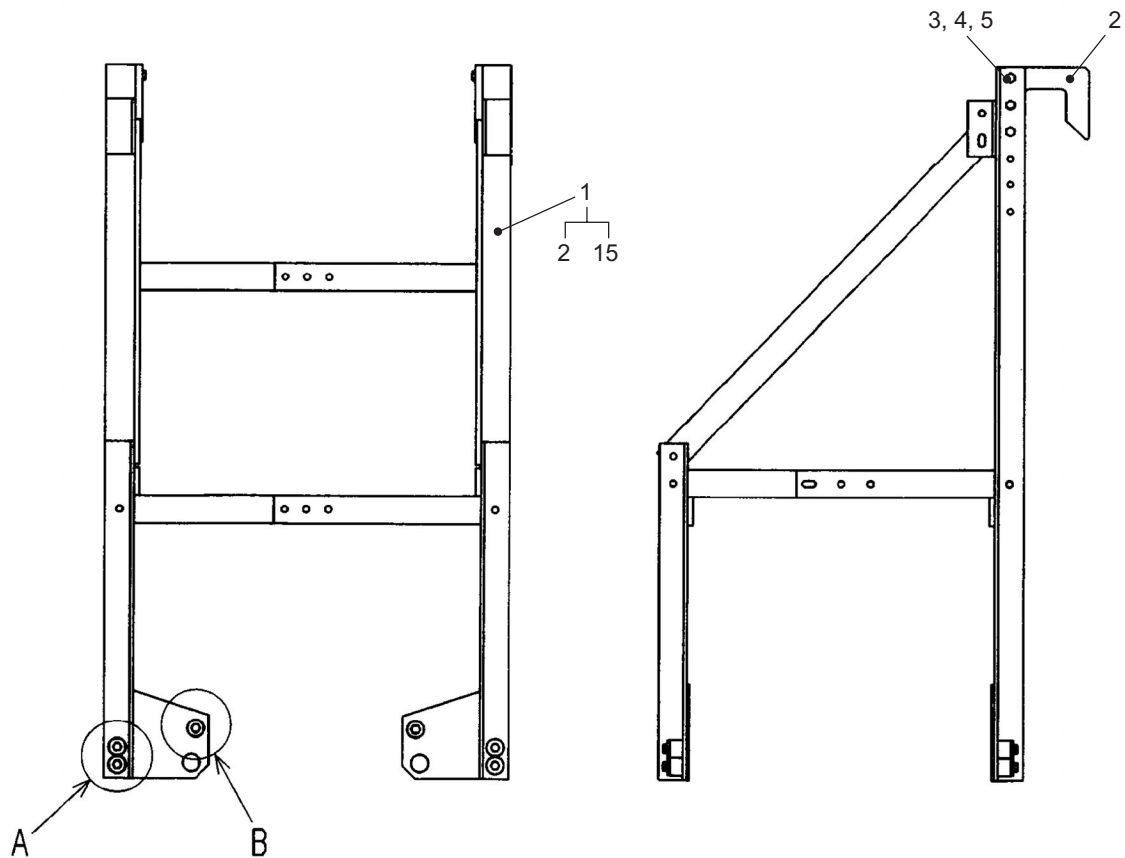
Optional



Section A



Section B

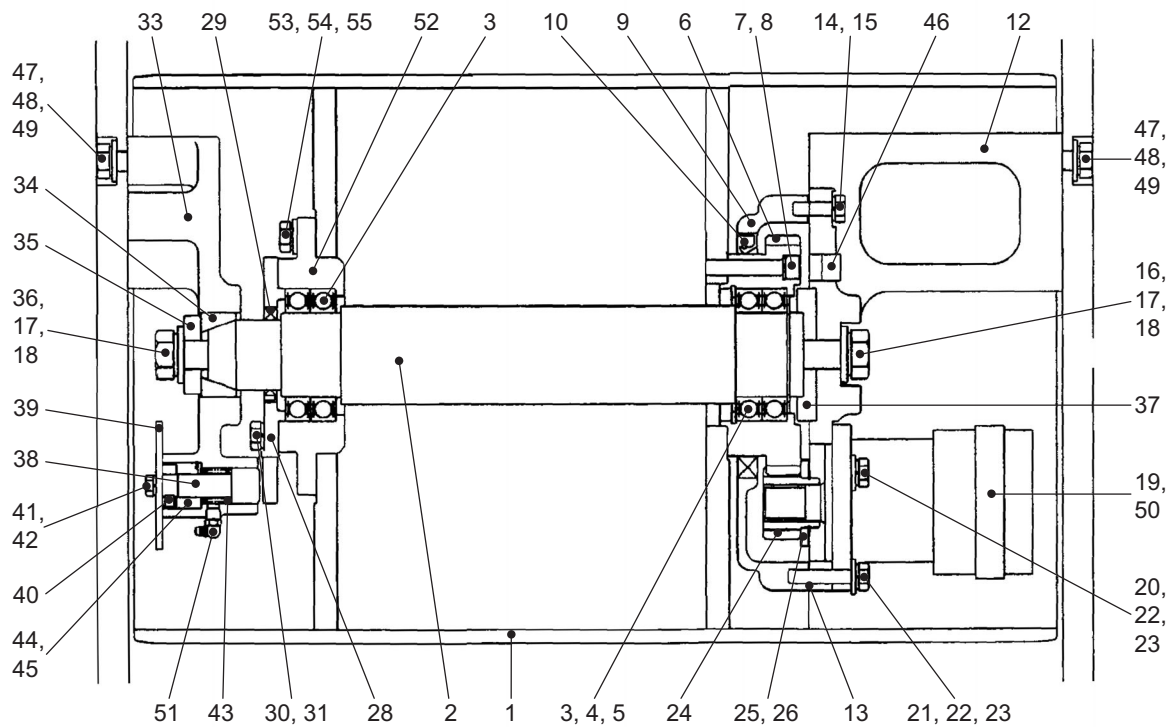
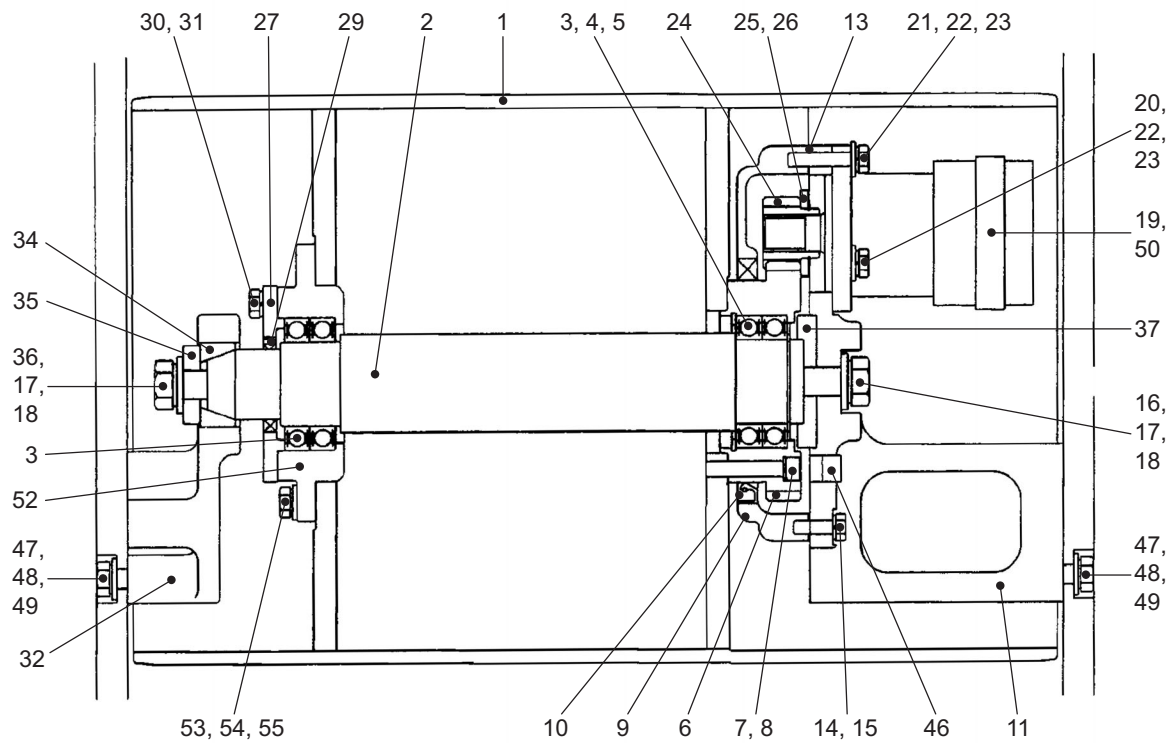


PC000128

**Section
01-01-07**

Walk-Behind Duplex Rollers DX-700E

Drum Installation



PC000129

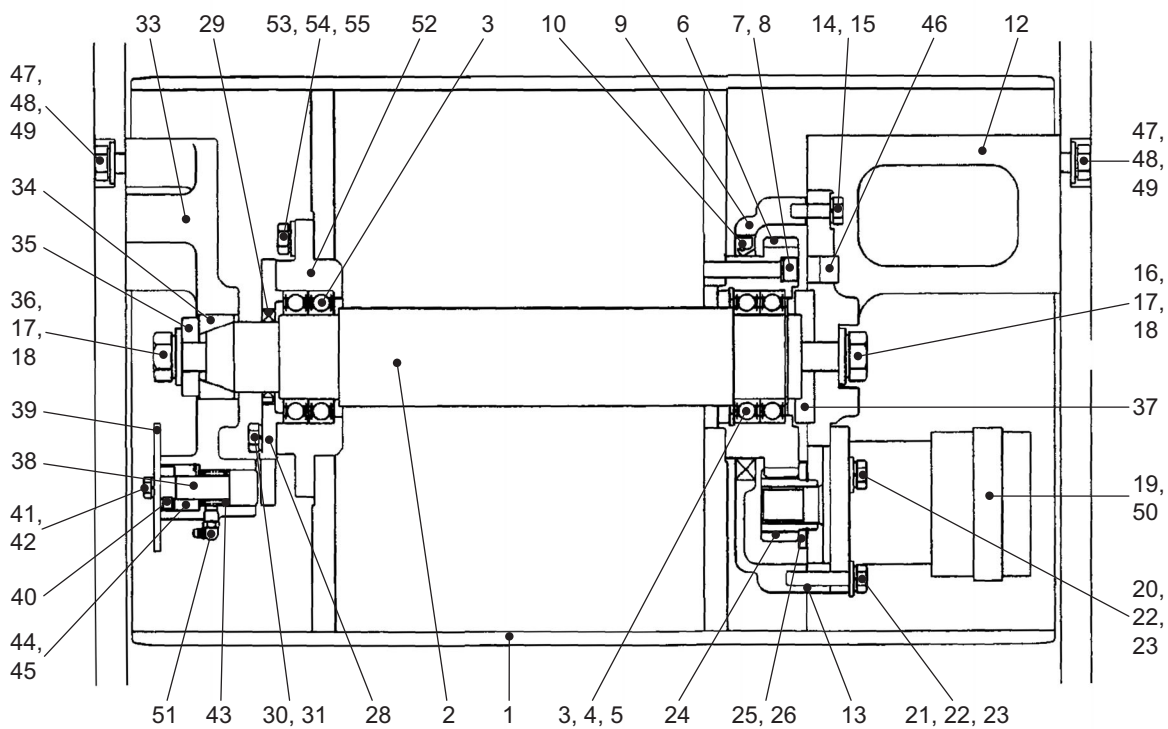
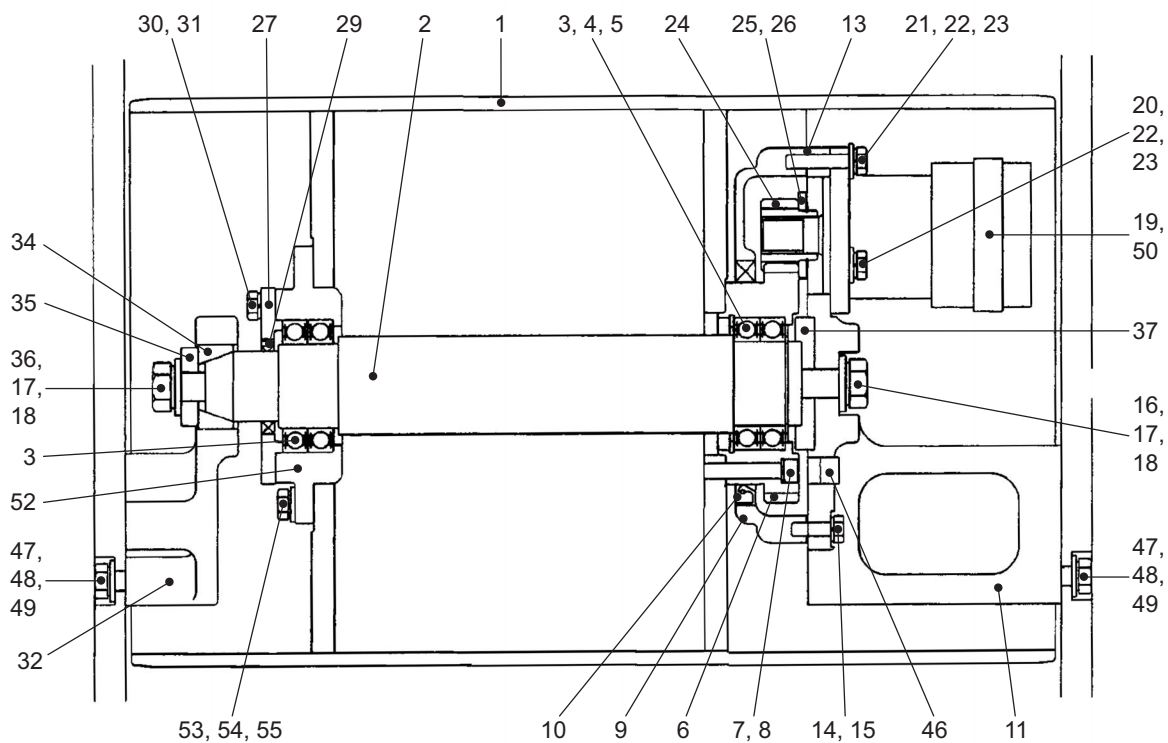
Drum Installation

Section
02-01-01

Item	Part Number	Denomination	Remarks	Serial Number	Qty
1	22070205	Roller Drum			2
2	22070213	Shaft			2
3	54676754	Ball Bearing			8
4	54676846	Snap Ring			2
5	54676861	Snap Ring			2
6	22070221	Gear			2
7	54676895	Socket Head Bolt			12
8	59831800	Lock Washer			12
9	54676911	Case			2
10	54676937	Oil Seal			2
11	22070239	Front Bracket			1
12	22070247	Rear Bracket			1
13	54676978	Packing			2
14	59832287	Bolt			8
15	59951632	Spring Washer			8
16	59832873	Bolt			2
17	22070064	Lockwasher			4
18	22069892	Plain Washer			4
19	54676994	Drive Motor Assembly			2
20	59832287	Bolt			4
21	54674684	Bolt			4
22	59951632	Spring Washer			8
23	59952291	Washer			8
24	54677000	Pinion Gear			2
25	54677018	Gear Set plate			2
26	59840835	Snap Ring			2
27	54677026	Seal Case			1
28	54677034	Brake Floange			1
29	54677042	Oil Seal			2
30	59832287	Bolt			12
31	59951632	Spring Washer			12

Drum Installation

Recurrence of previous drawing

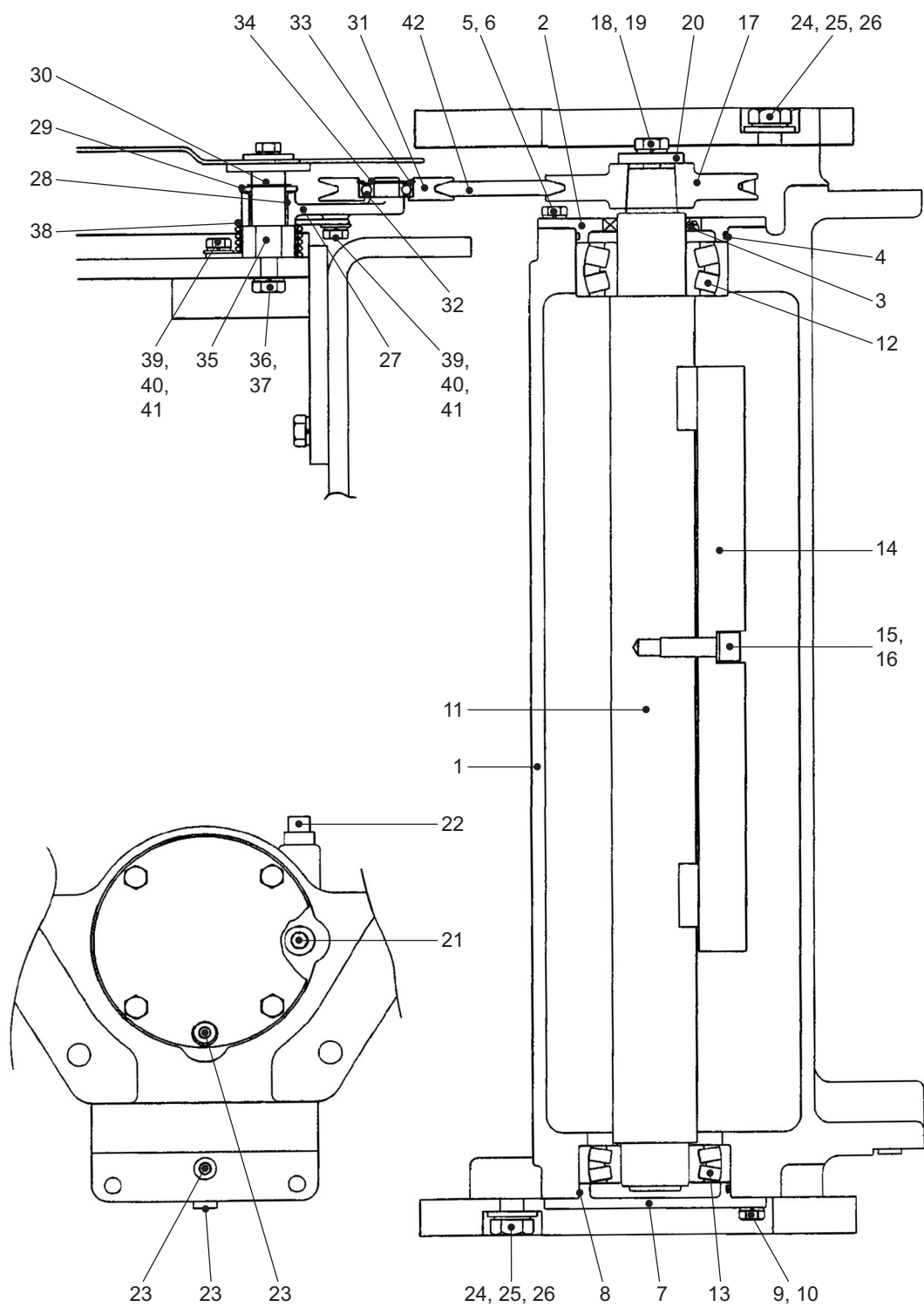


PC000129

**Section
02-01-01**

Walk-Behind Duplex Rollers DX-700E

Eccentric Case Installation



PC000130

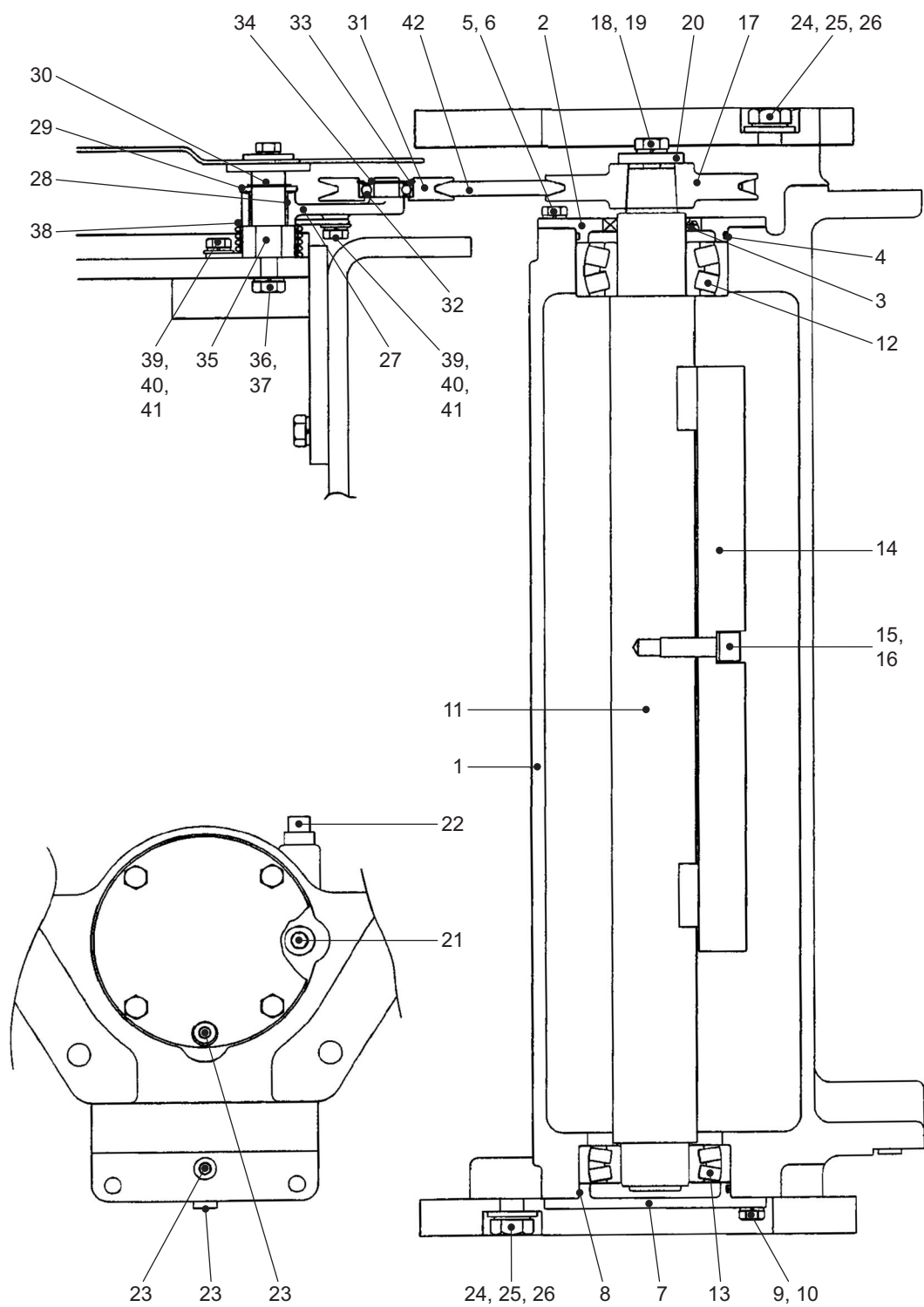
Eccentric Case Installation

**Section
02-01-02**

Item	Part Number	Denomination	Remarks	Serial Number	Qty
1	22070296	Eccentric Case			1
2	54677539	Seal Case			1
3	54677547	Oil Seal			1
4	54677554	O-ring			1
5	59832535	Bolt			4
6	59831925	Spring Washer			4
7	22070312	Bearing Cover			1
8	54677554	O-ring			1
9	59832535	Bolt			4
10	59831925	Spring Washer			4
11	22070320	Eccentric Shaft			1
12	54679493	Roller Bearing			1
13	22069900	Roller Bearing			1
14	22070338	Weight			1
15	54677638	Socket Head Bolt			3
16	59831602	Lockwasher			3
17	22070346	Pulley			1
18	59952242	Bolt			1
19	59951632	Spring Washer			1
20	54677661	Washer			1
21	54677679	Plug			1
22	54677687	Plug			1
23	54677695	Plug			3
24	22069835	Bolt			8
25	54691985	Lockwasher			8
26	22069876	Plain Washer			8
27	54677703	Tension Arm			1
28	54677711	Bushing			1
29	54677729	Washer			1
30	59839456	Snap Ring			1
31	54677737	Tension Pulley			1

Eccentric Case Installation

Recurrence of previous drawing



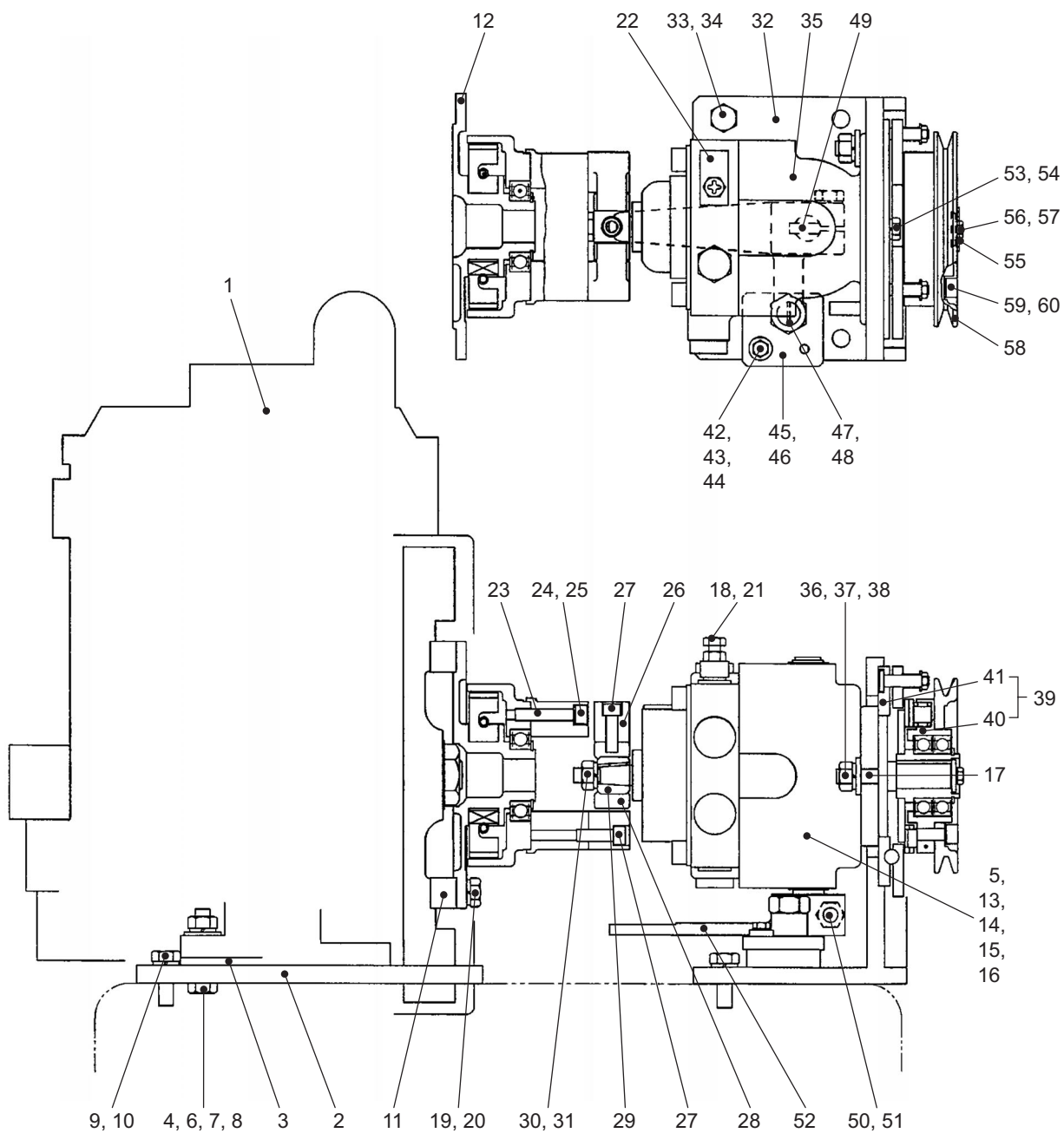
PC000130

Eccentric Case Installation

**Section
02-01-02**

[illegible]

Engine Installation



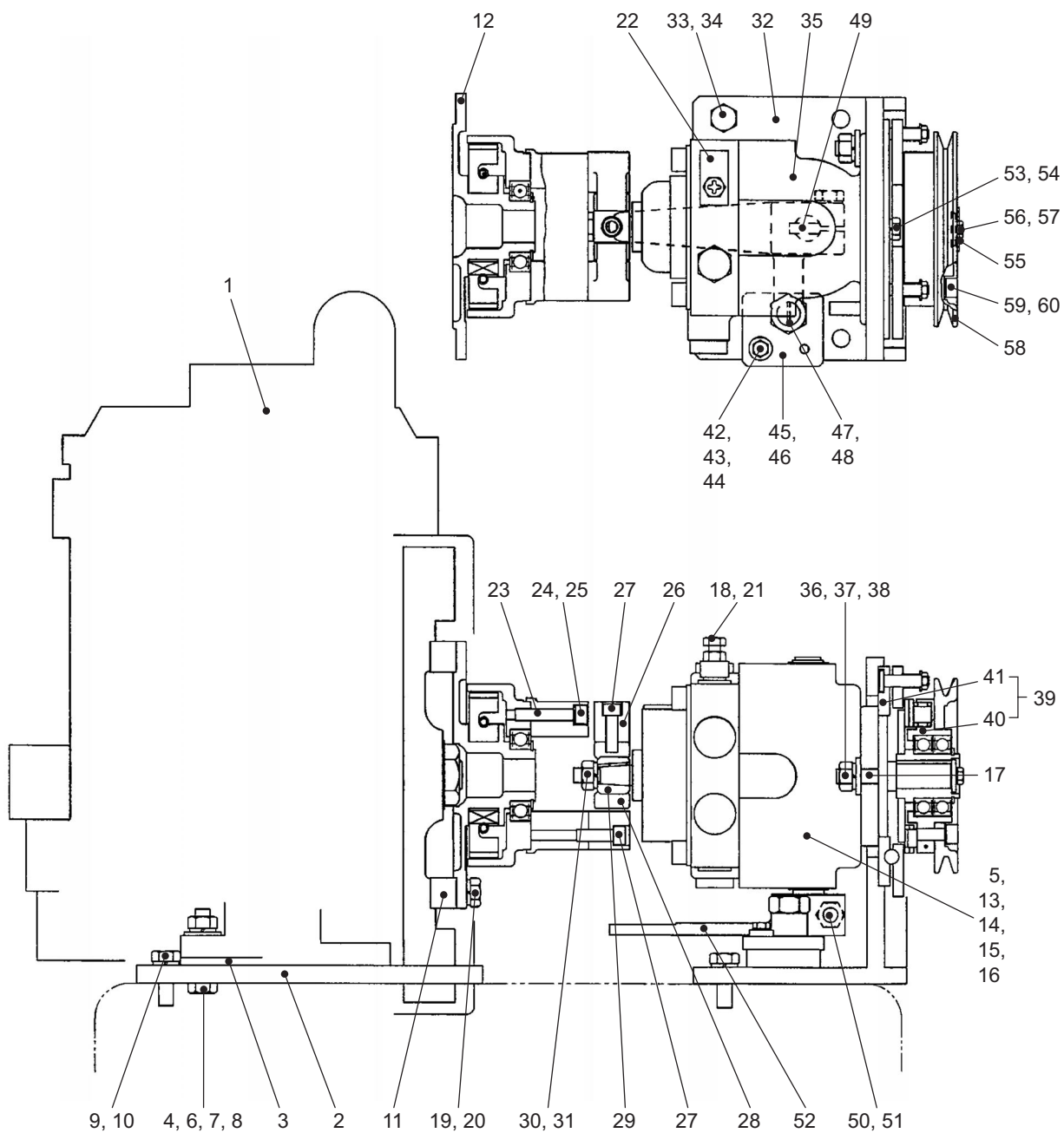
PC000131

Engine Installation

Section
03-01-01

Item	Part Number	Denomination	Remarks	Serial Number	Qty
1	22070056	Engine Assembly			1
2	54674668	Engine Base			1
3	54674676	Base Plate			2
4	54674684	Bolt			4
5	54676655	Charge O-ring			1
6	54674171	Washer			4
7	58835943	Nut			4
8	59951632	Spring Washer			4
9	59832287	Bolt			4
10	59951632	Spring Washer			4
11	54674692	Clutch Plate			1
12	13201223	Drive Clutch Assembly			1
13	59370965	Trunnion Oil Seal			2
14	54676630	Flange oil Seal			1
15	54676614	Charge Oil Seal			1
16	54676606	Oil Seal Kit			1
17	54676598	Set Screw			2
18	59832931	Nut			1
19	59842708	Bolt			3
20	59951632	Spring Washer			3
21	54676580	Bolt			1
22	54676572	Stopper			1
23	54674809	Coupling Spacer			1
24	54674817	Socket Head Bolt			3
25	59831560	Lockwasher			3
26	54674825	Coupling			1
27	54674833	Socket Head Bolt			6
28	54676242	Coupling Boss			1
29	54676267	Coupling Shaft			1
30	58835943	Nut			1
31	59951632	Spring Washer			1

Engine Installation

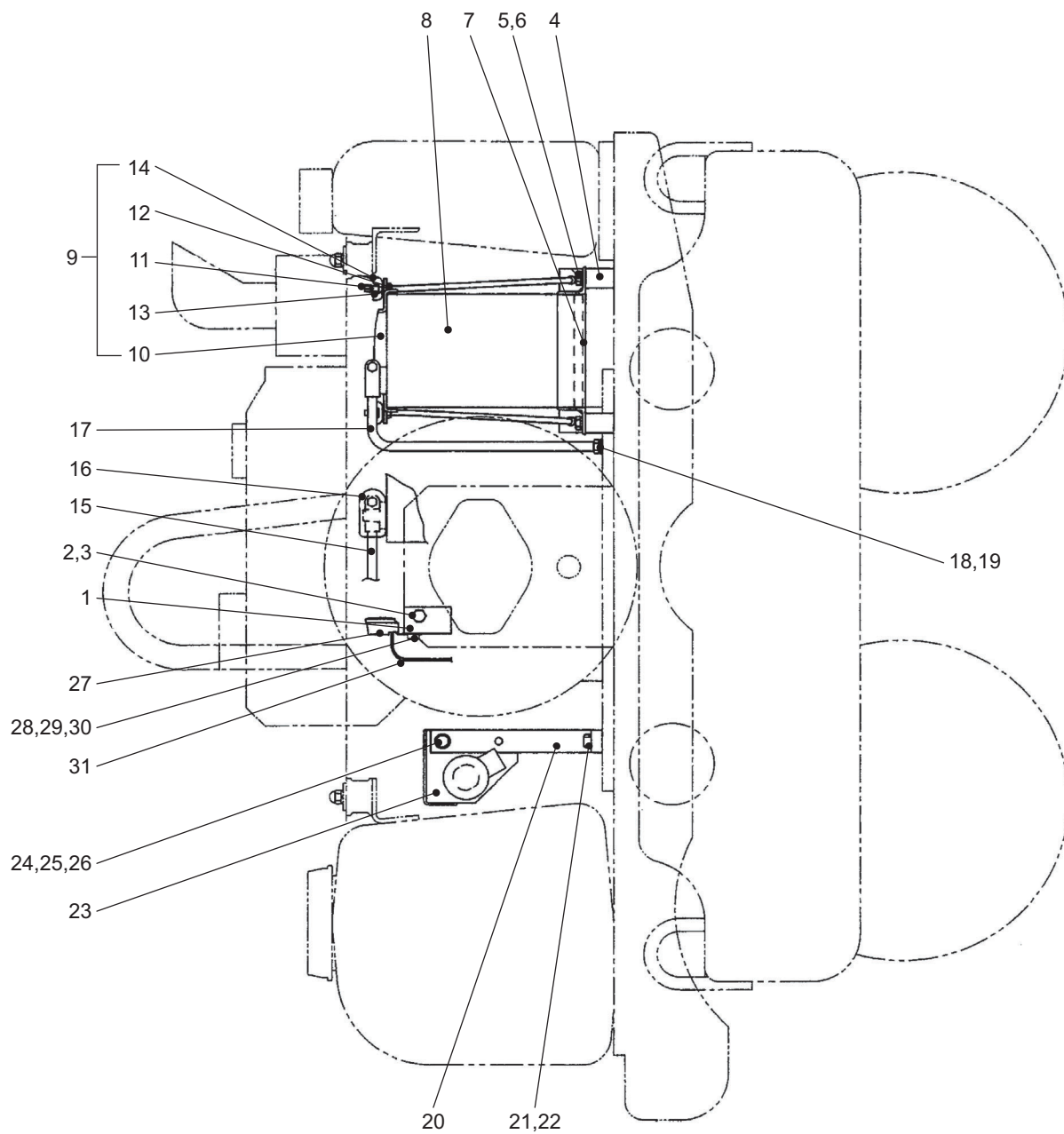


PC000131

Engine Installation

Section
03-01-01

Item	Part Number	Denomination	Remarks	Serial Number	Qty
32	54676283	Pump Bracket			1
33	59832287	Bolt			4
34	59951632	Spring Washer			4
35	22070015	Pump Assembly			1
36	54676309	Nut			2
37	59951632	Spring Washer			2
38	59952291	Washer			2
39	12301231	Vibration Clutch Assembly	Includes Ref. 40 + 41		1
40	13201249	Disc Complete			1
41	13201256	Plate Complete			1
42	54676564	Washer			2
43	59833350	Spring Washer			2
44	54676549	Bolt			2
45	54676531	Ball Spacer			1
46	54676523	Ball Plate			1
47	54676515	Nut			1
48	54676507	Plunger			1
49	54676499	Spring Pin			1
50	59951632	Spring Washer			1
51	59831792	Bolt			1
52	54676481	Pump Control Lever			1
53	59832535	Bolt			3
54	59831925	Spring Washer			3
55	54676457	Washer			1
56	54676465	Bolt			1
57	59833350	Spring Washer			1
58	22070197	Clutch Pulley			1
59	58836966	Socket Head Bolt			3
60	59831560	Lockwasher			3



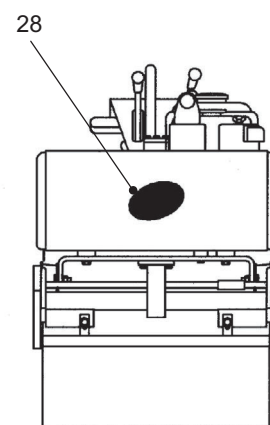
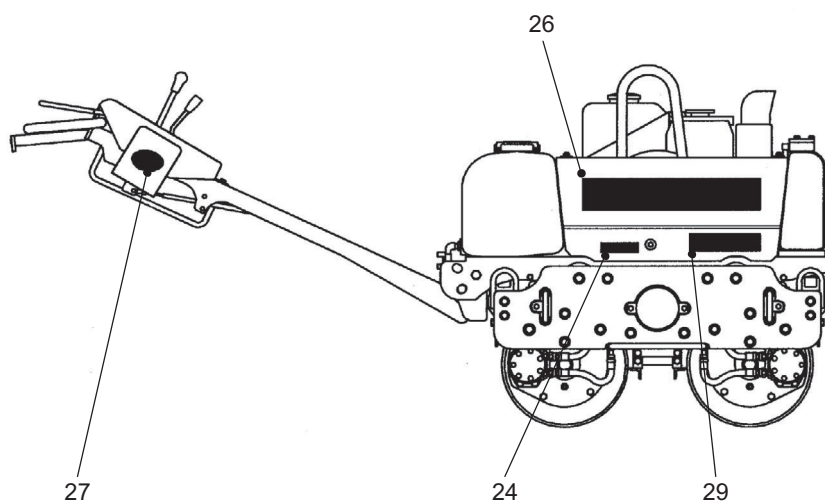
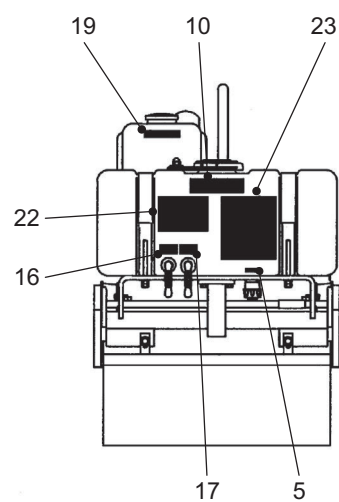
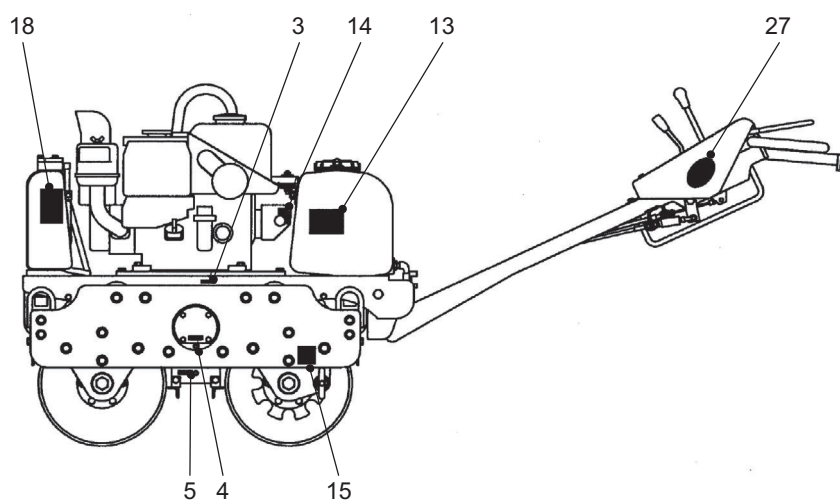
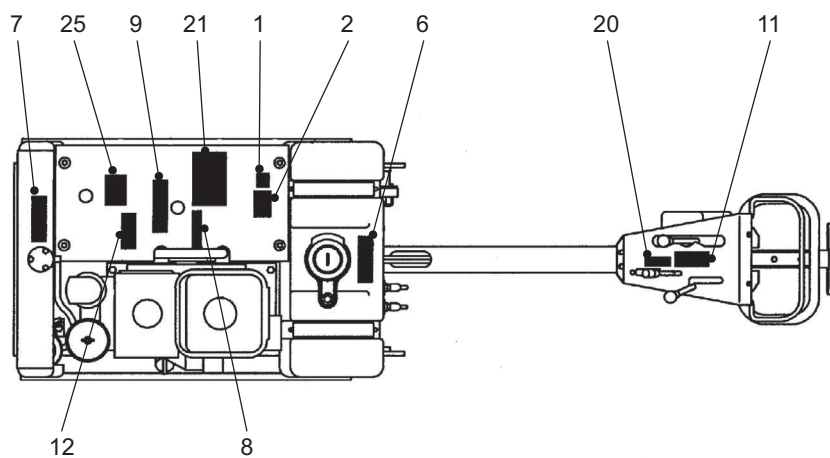
PC000088

Electrical Installation

Section
04-01-01

Item	Part Number	Denomination	Remarks	Serial Number	Qty
1	54678818	Horn Bracket			1
2	59831552	Bolt			1
3	59831925	Spring Washer			1
4	54678834	Battery Case			1
5	59953331	Bolt			4
6	59831925	Spring Washer			4
7	54678842	Battery Pad			1
8	54678859	Battery			1
9	54678867	Battery Holder Down Plate Assembly	Includes Ref. 10 - 14		1
10	54678883	Battery Plate			1
11	54678891	Bolt			1
12	59405514	Nut			2
13	59954131	Spring Washer			2
14	59365387	Wing Nut			2
15	54678909	Battery Cable			1
16	54678925	Battery Terminal Cover			1
17	54678917	Battery Cable			1
18	59188144	Bolt			1
19	59831925	Spring Washer			1
20	54678933	Switch Panel Bracket			1
21	59832535	Bolt			2
22	59831925	Spring Washer			2
23	54678958	Switch Panel			1
24	59188144	Bolt			2
25	59831925	Spring Washer			2
26	59835371	Washer			2
27	54678966	Horn			1
28	54676465	Bolt			1
29	59832188	Washer			1
30	59833350	Spring Washer			1
31	54678974	Ground Cable			1

Decal Installation



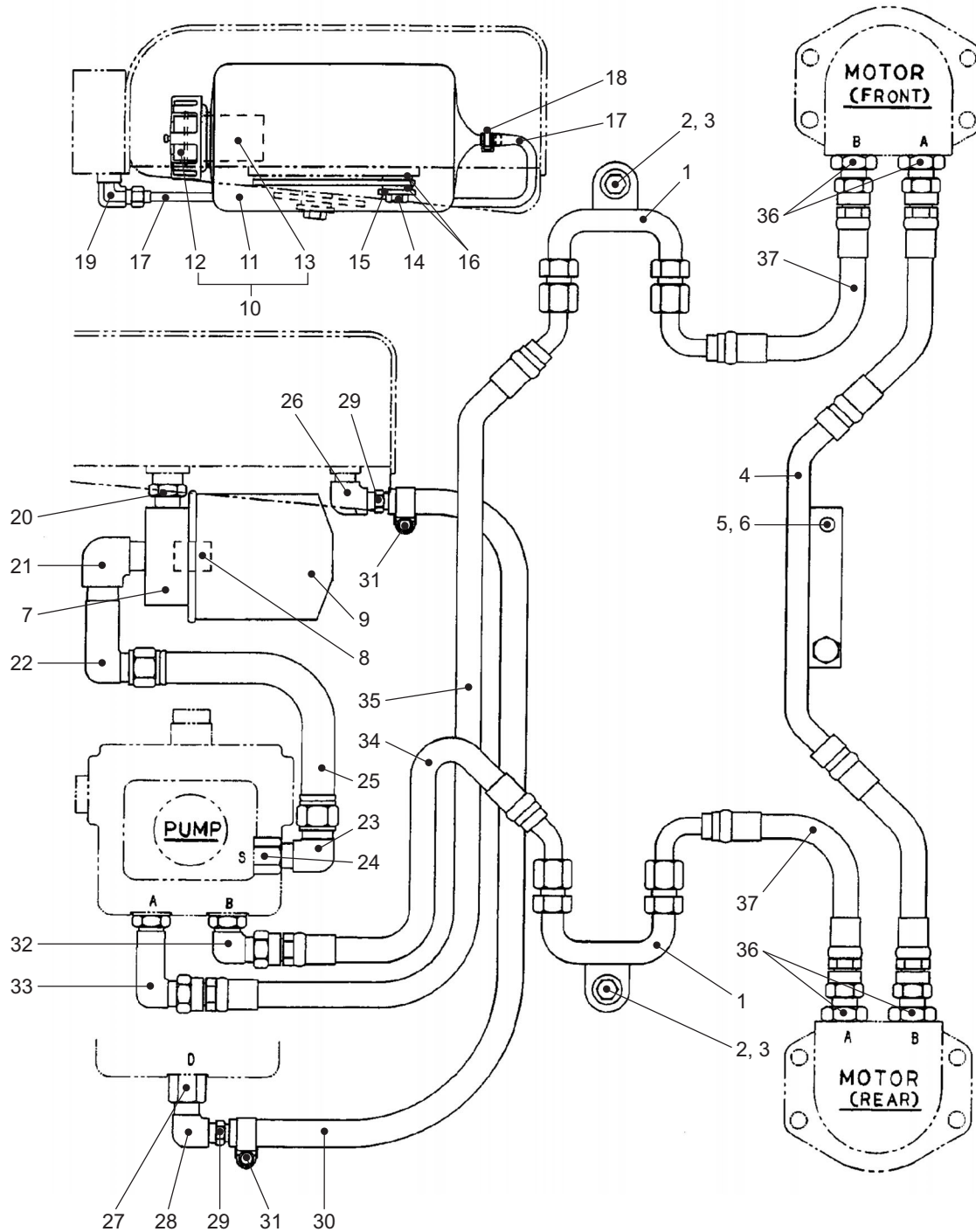
PC000089

Decal Installation

Section
05-01-01

Item	Part Number	Denomination	Remarks	Serial Number	Qty
	54679584	Decal Kit	1 - 29		1
1	13200837	Lable, Noise			1
2	59188011	Name Plate			1
3	59839654	Decal: Oil Feed			1
4	59839662	Decal: Oil Gauge			1
5	59840306	Decal: Drain			1
6	59486530	Decal: Water			1
7	59484311	Decal: Hydraulic Oil			1
8	59484329	Decal: Oil Level			1
9	59484337	Decal: Check oil			1
10	59486555	Decal: Check Parking			1
11	59486522	Decal: Control Lever			1
12	22069884	Decal: Engine RPM			1
13	54679022	Decal: Caution			1
14	54679030	Decal: Starter Switch			1
15	54679048	Decal: Parking Brake			1
16	54679055	Decal: Sprinkler			1
17	54679063	Decal: Sprinkler			1
18	54679071	Decal: Oil Level			1
19	54679089	Decal: Caution			1
20	54679097	Decal: Throttle			1
21	54679105	Decal: Warning			1
22	54679113	Decal: Warning			1
23	54679121	Decal: Warning			1
24	54679139	Decal: Warning			1
25	54679147	Decal: Warning			1
26	54679154	Decal: IR Logo			1
27	54679162	Decal, IR Emblem			2
28	54679170	decal, IR emblem			1
29	54679592	Decal: DX-700E			1

Hydraulic Hosing Installation



PC000132

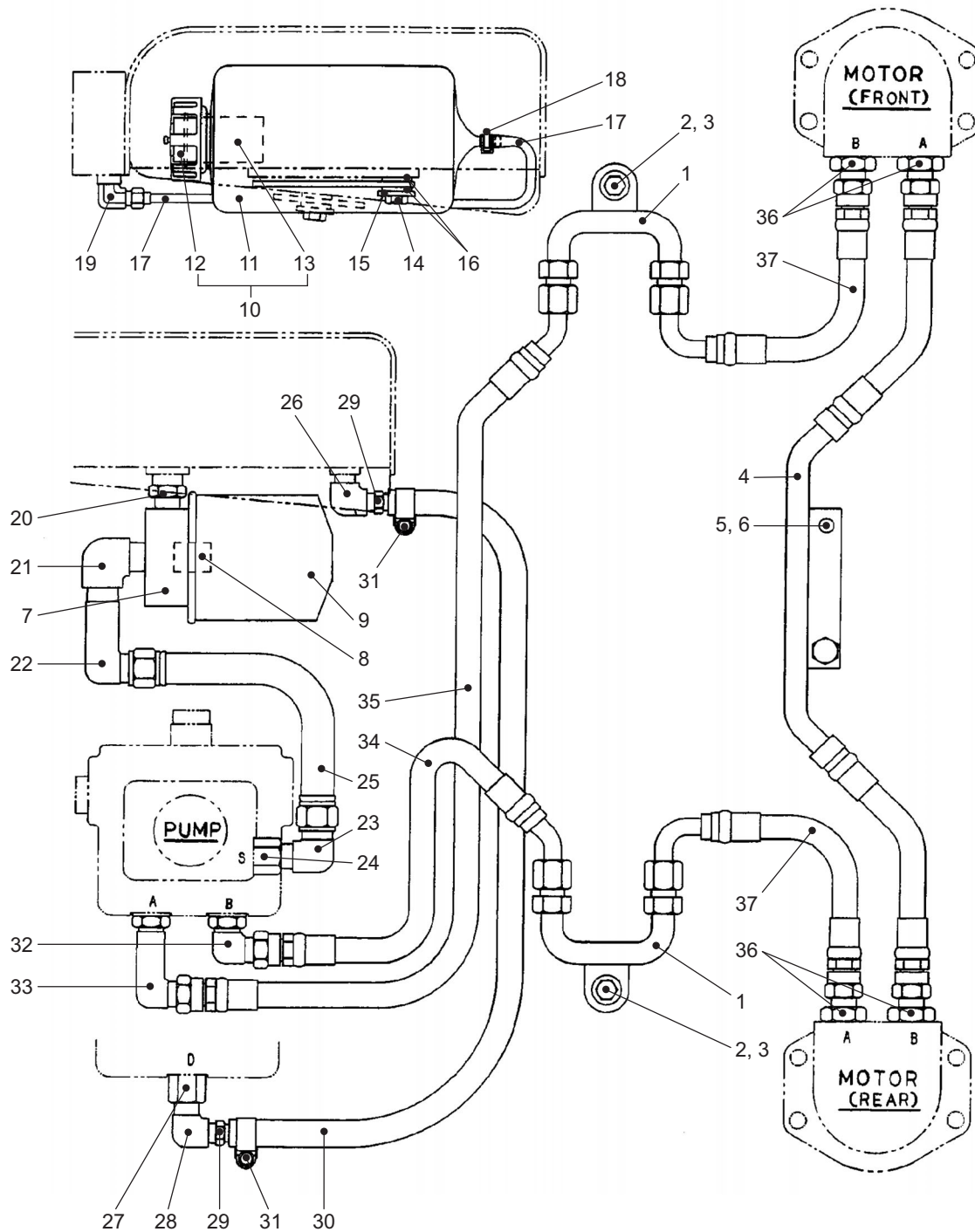
Hydraulic Hosing Installation

Section
06-01-01

Item	Part Number	Denomination	Remarks	Serial Number	Qty
1	54678487	Joint			2
2	59188144	Bolt			2
3	59831560	Lockwasher			2
4	22069967	Pipe With Hose (D)			1
5	59952242	Bolt			2
6	59951632	Spring Washer			2
7	54678503	Filter Cover			1
8	59838573	Nipple			1
9	59838581	Oil Filter			1
10	22070379	Hydraulic Tank Assembly	Includes Ref. 11 - 13		1
11	22070023	Hydraulic Tank			1
12	22070387	Hydraulic Tank Cap			1
13	22070072	Hydraulic Tank Filter			1
14	59952325	Bolt			3
15	22069843	Washer			3
16	22070361	Rubber Washer			6
17	22070080	Return Hose			1
18	22070098	Band			1
19	22070007	Elbow			1
20	54678669	Nipple			1
21	59407221	Elbow			1
22	54678677	Elbow			1
23	54678685	Elbow			1
24	54678693	Bushing			1
25	22069926	Hose (E) SL			1
26	54678719	Elbow			1
27	54678693	Bushing			1
28	54678727	Elbow			1
29	59835595	Hose Joint			2
30	54678735	Hose			1
31	59832162	Band			2

Hydraulic Hosing Installation

Recurrence of previous drawing



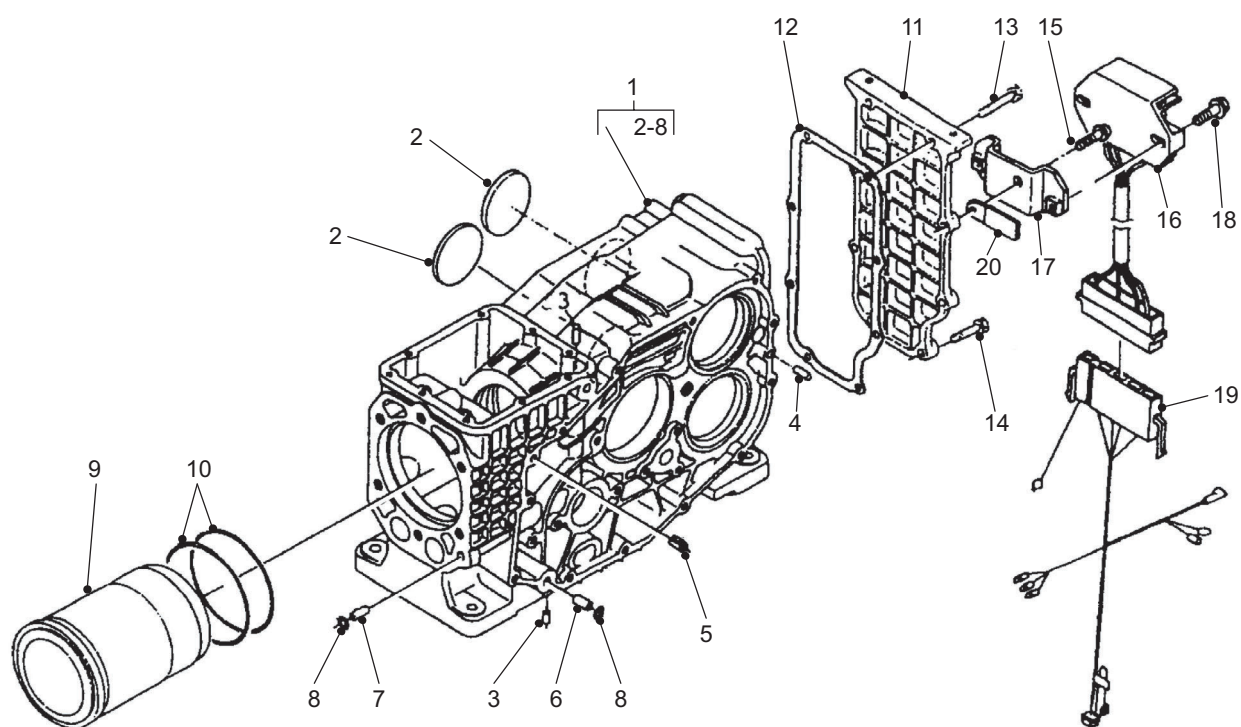
PC000132

Hydraulic Hosing Installation

**Section
06-01-01**

[illegible]

Crankcase

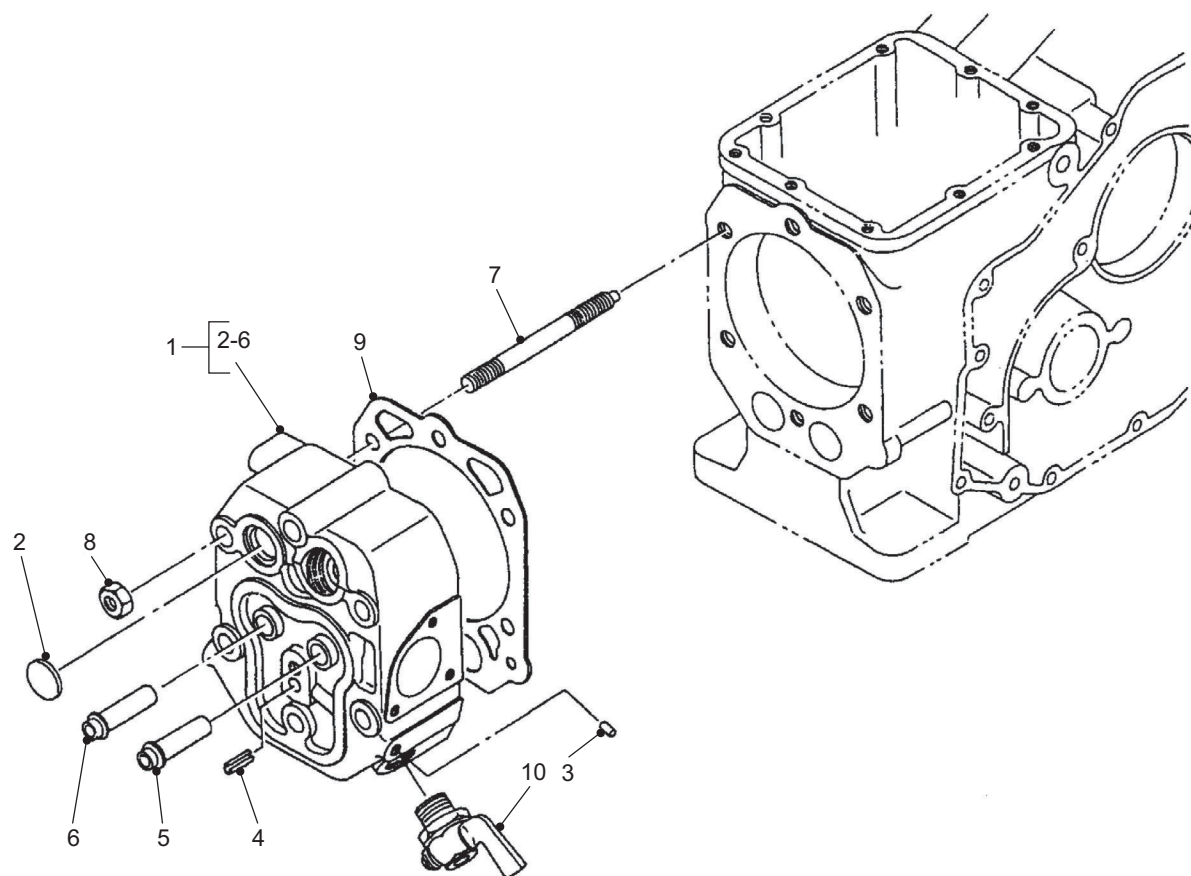


PC000091

**Section
07-01-01**

55

Cylinder Head

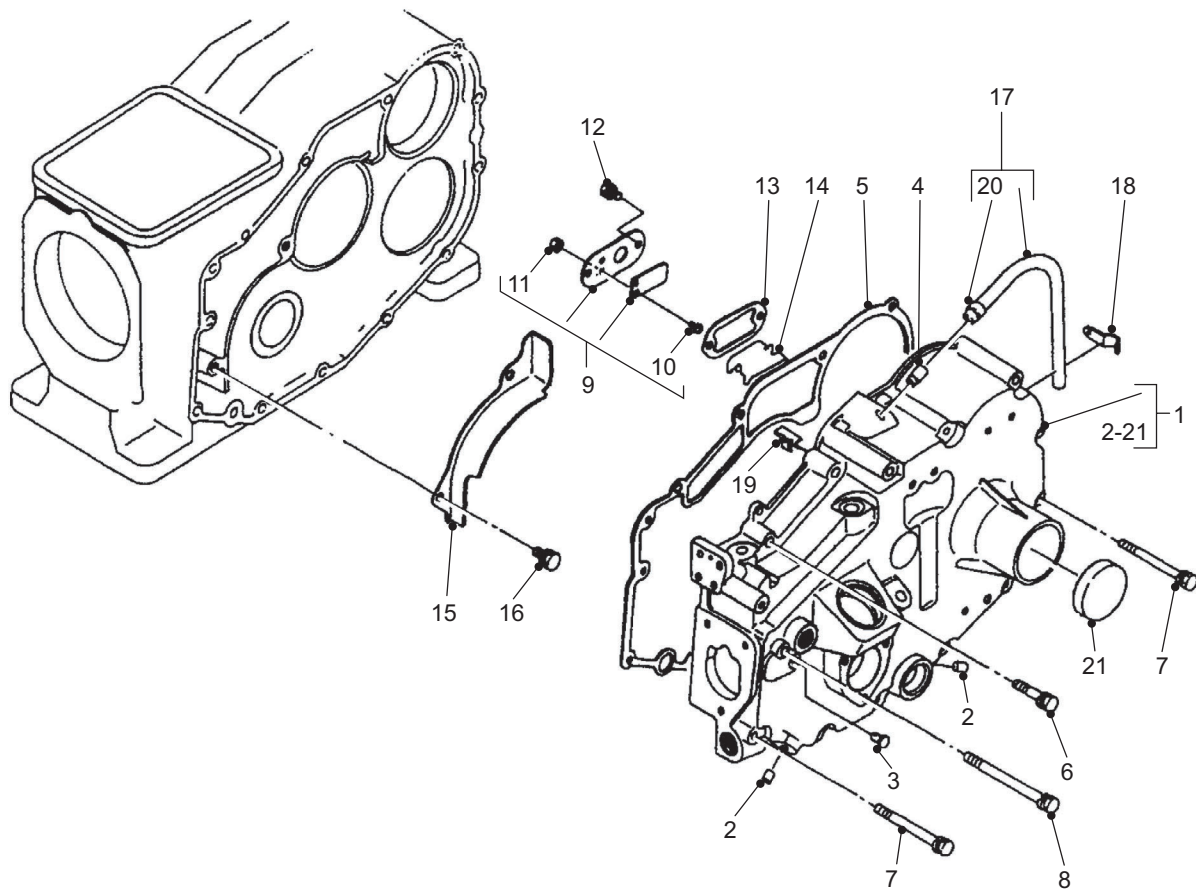


PC000092

**Section
07-01-02**

57

Gear Case

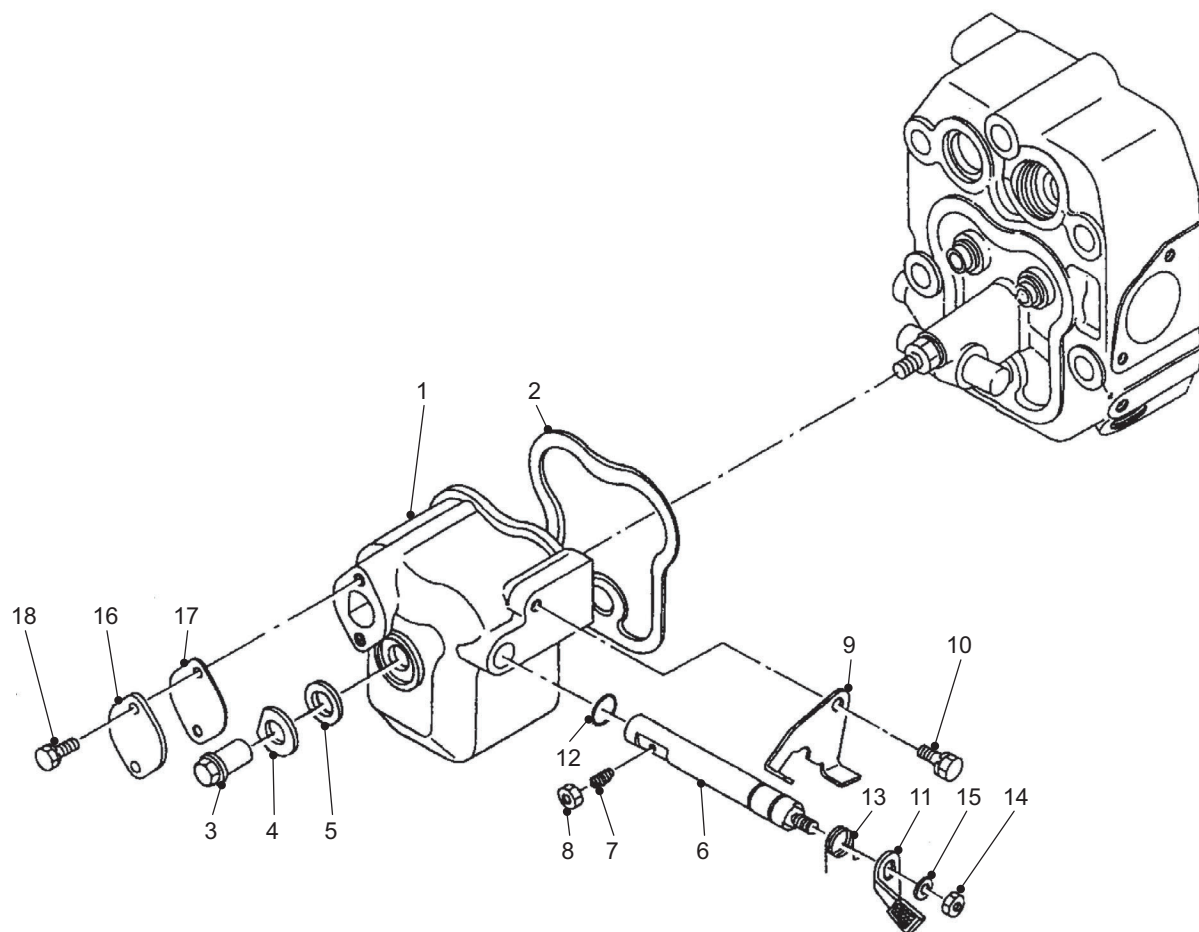


PC000093

**Section
07-01-03**

59

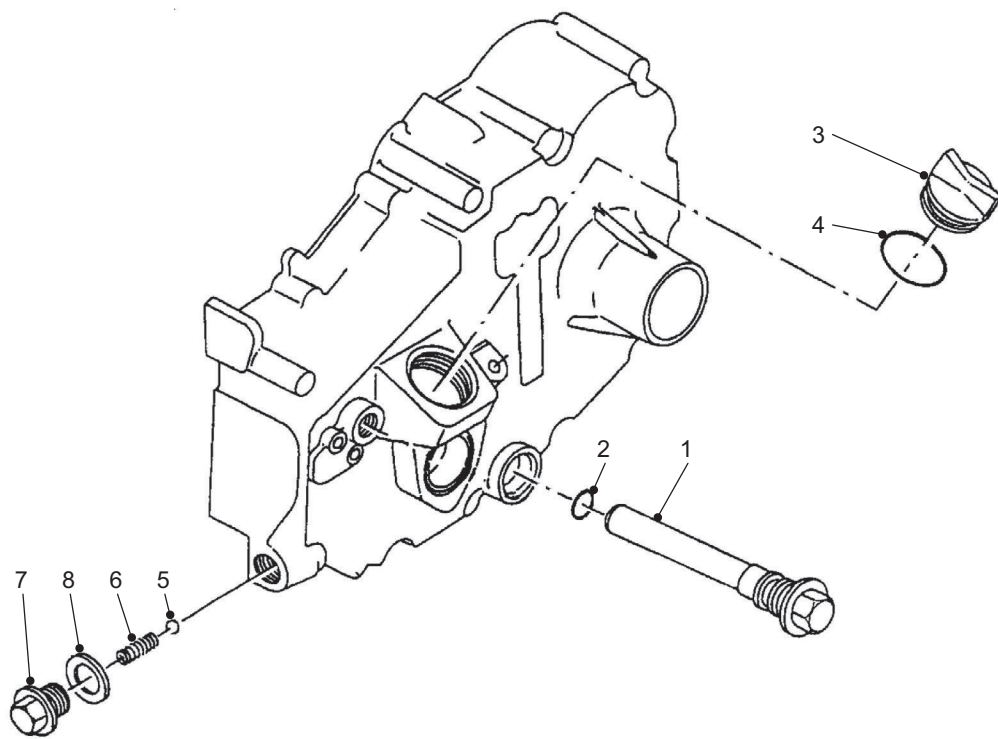
Cylinder Head Cover



PC000094

**Section
07-01-04**

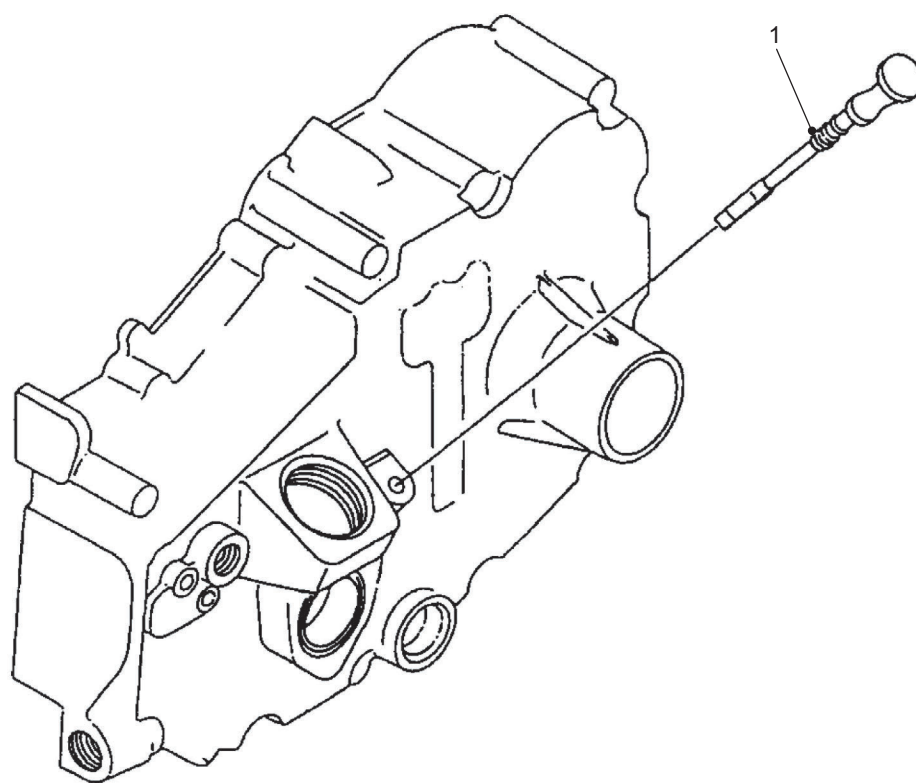
Walk-Behind Duplex Rollers DX-700E



PC000095

**Section
07-01-05**

63

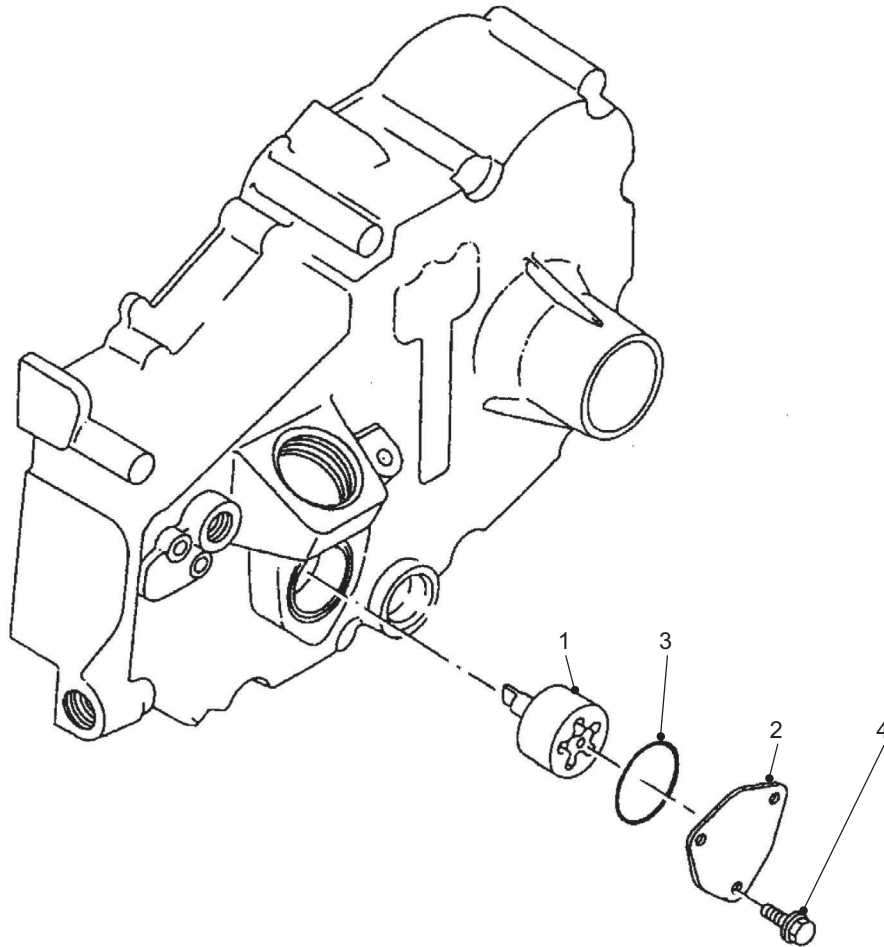


PC000096

**Section
07-01-06**

65

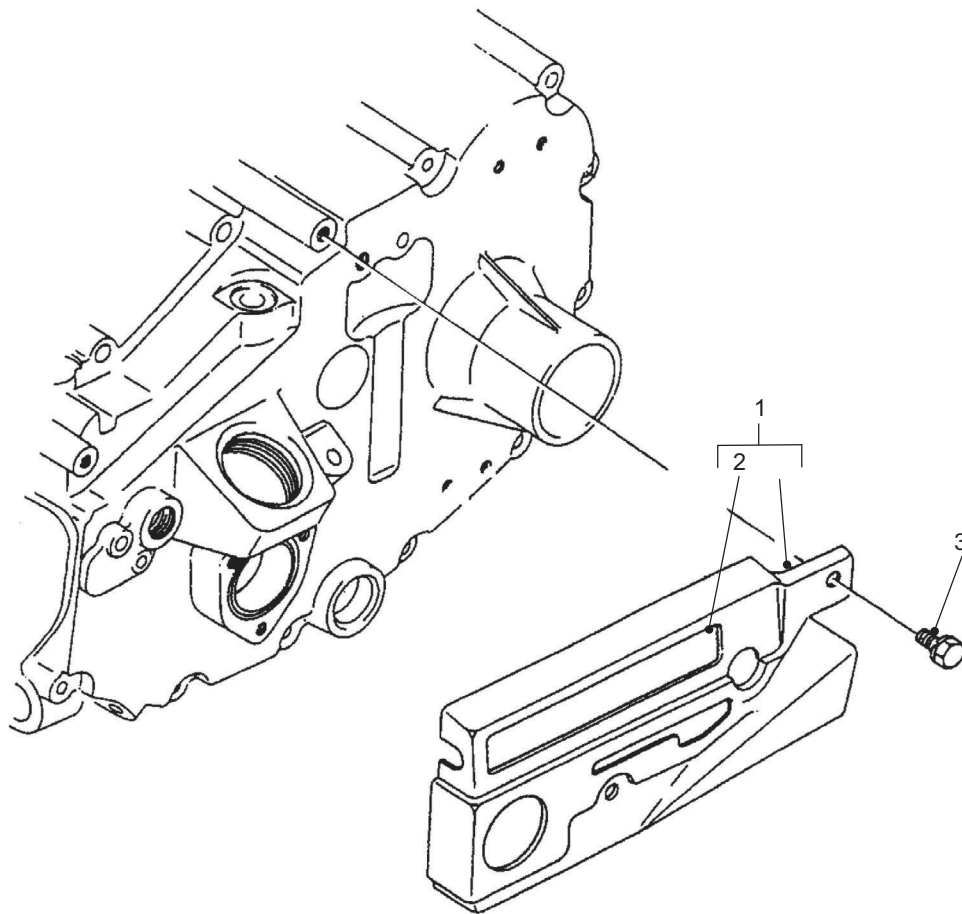
Oil Pump



PC000097

**Section
07-01-07**

67



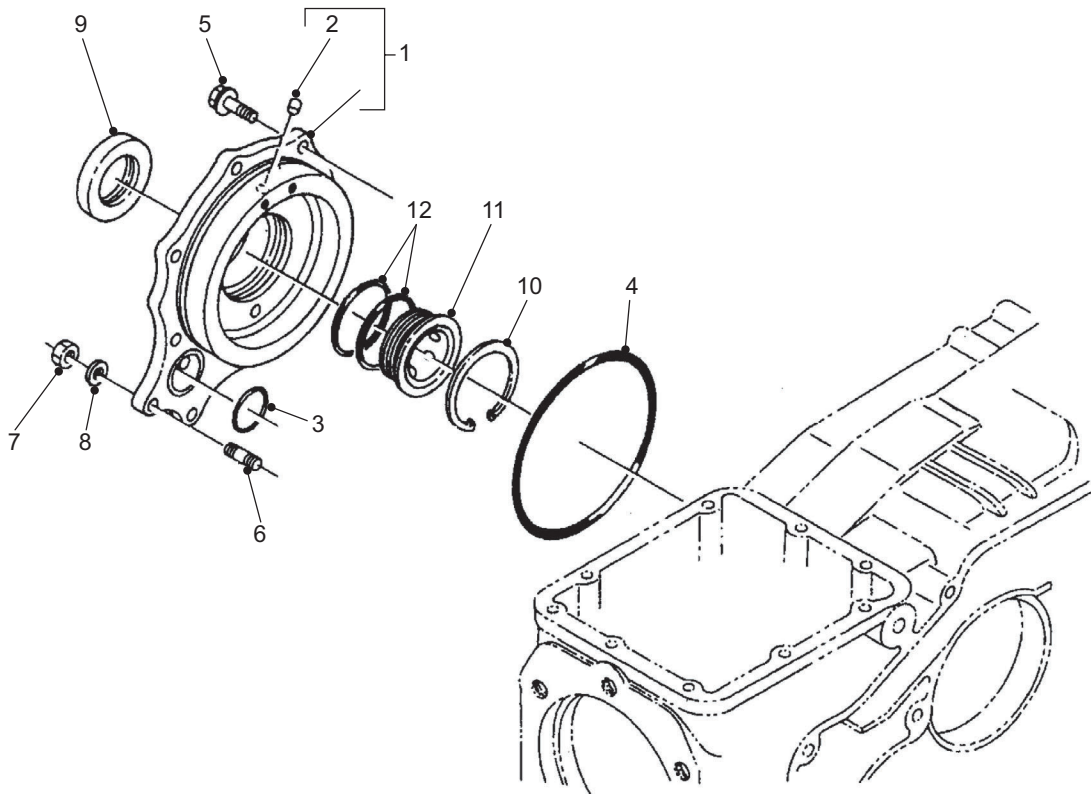
PC000098

Side Apron

**Section
07-01-08**

[illegible]

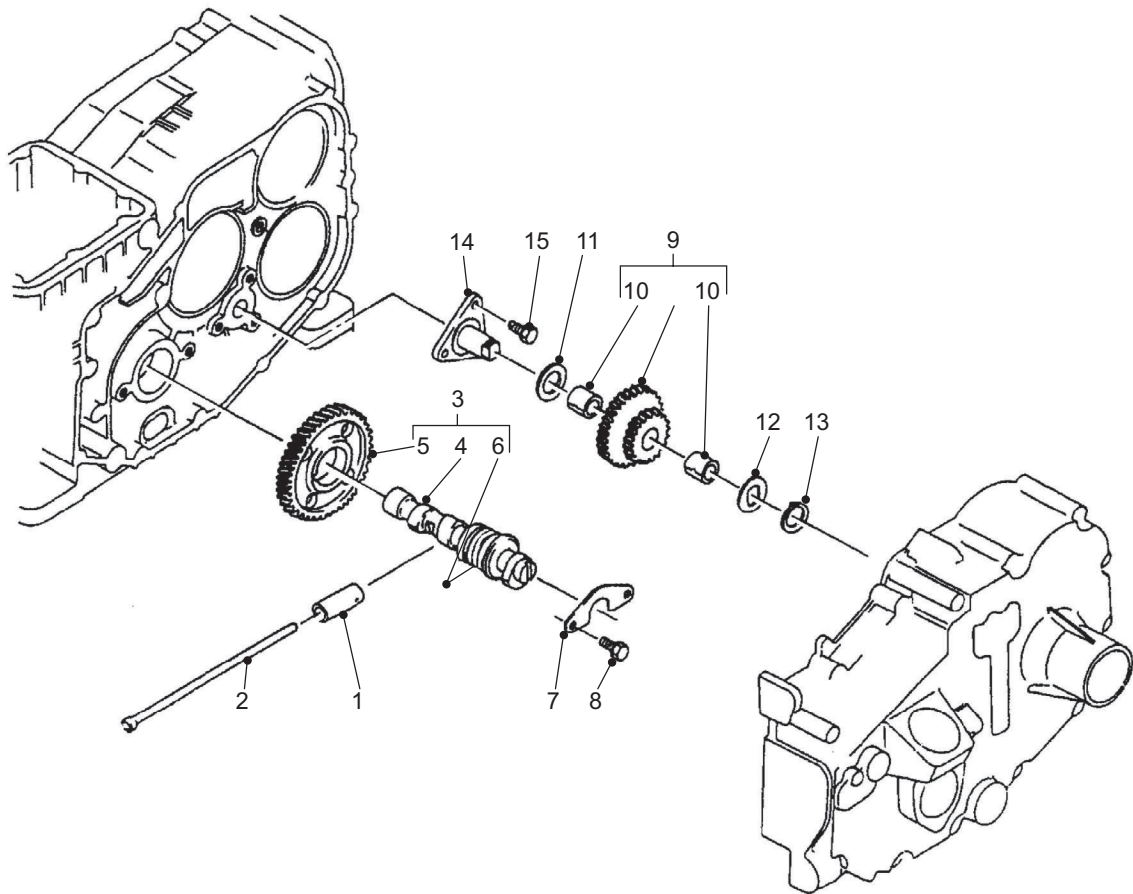
Main Bearing Case



PC000099

**Section
07-01-09**

71

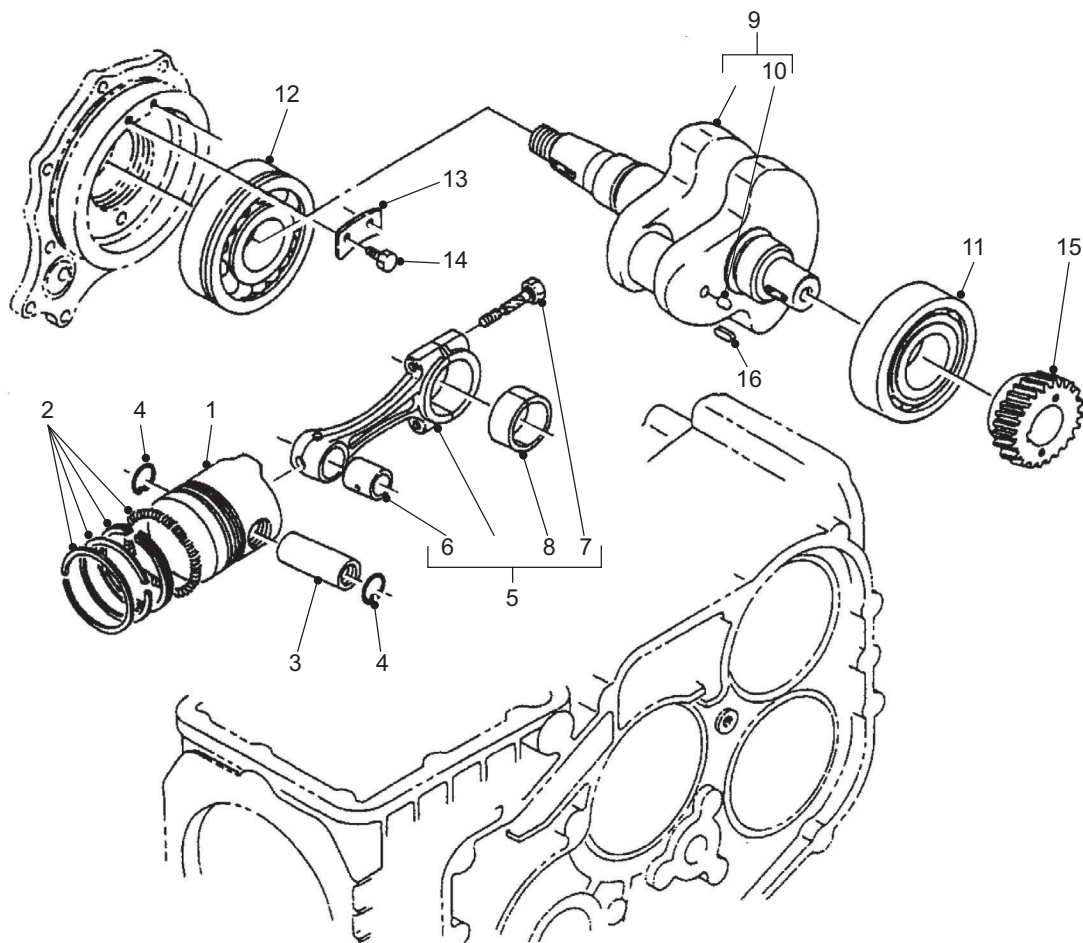


PC000100

**Section
07-01-10**

73

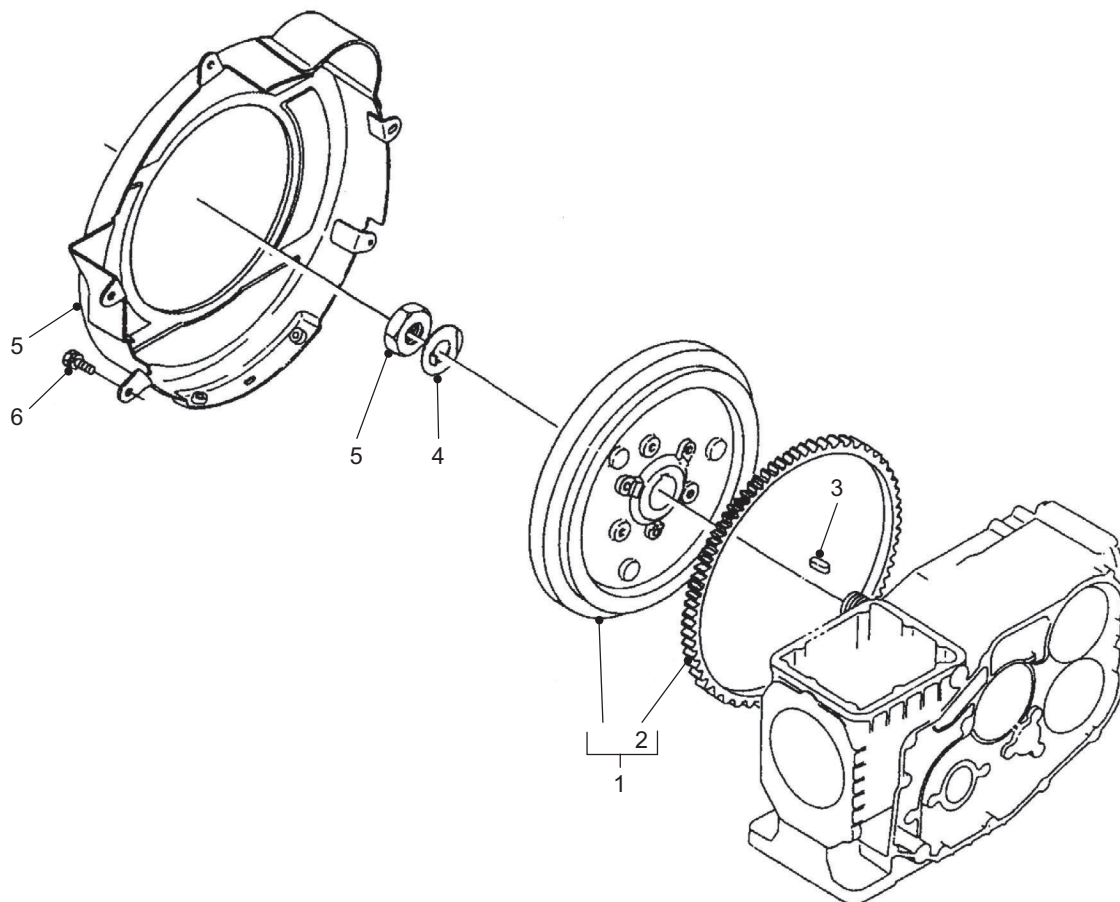
Piston Assembly



PC000101

**Section
07-01-11**

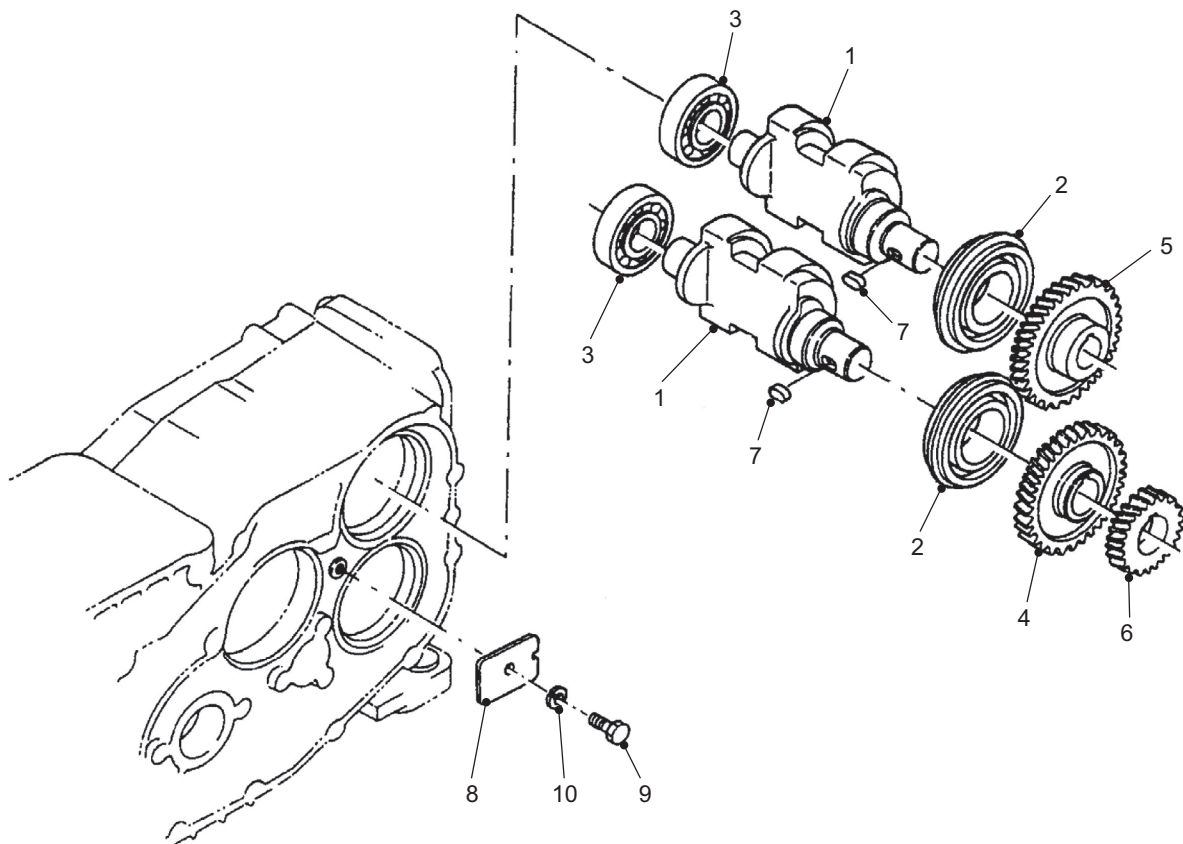
75



PC000102

**Section
07-01-12**

77

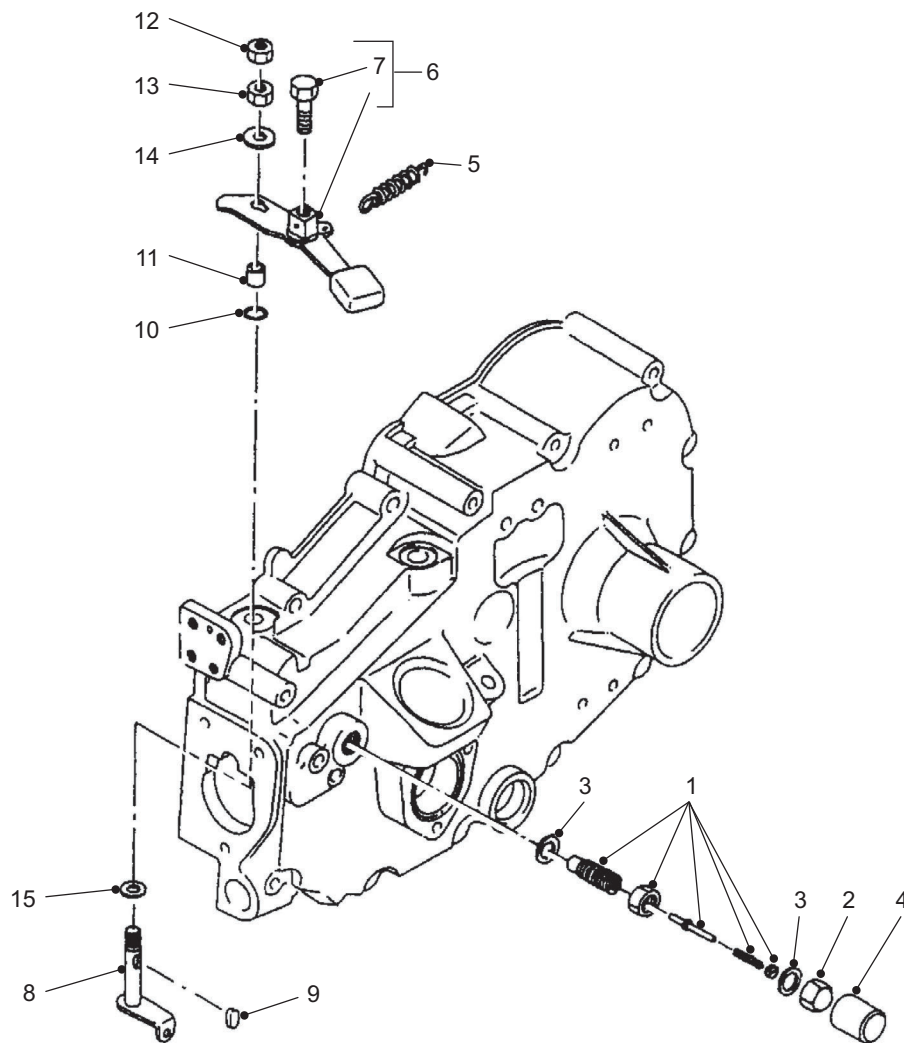


PC000103

**Section
07-01-13**

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Control Installation

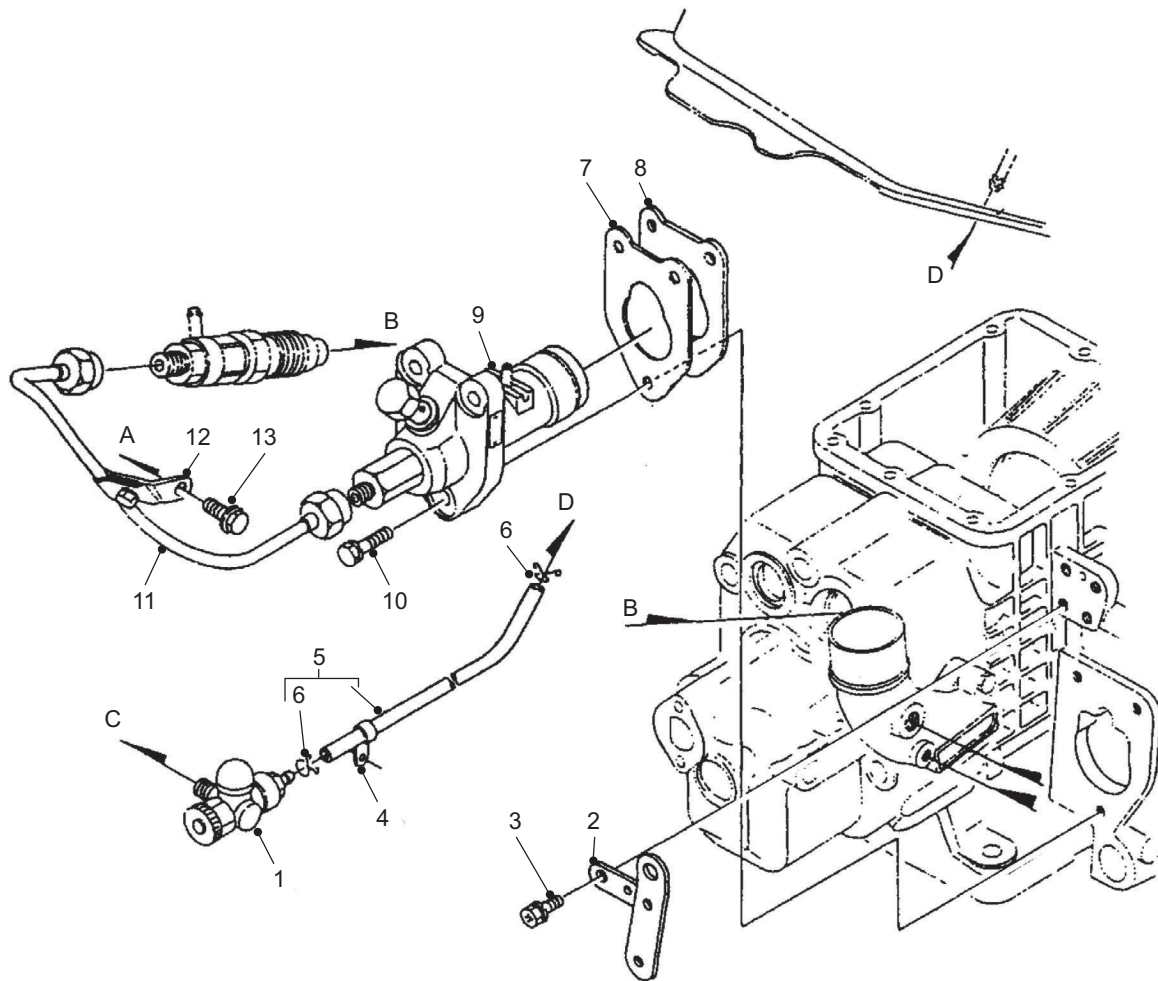


PC000104

Control Installation

**Section
07-01-14**

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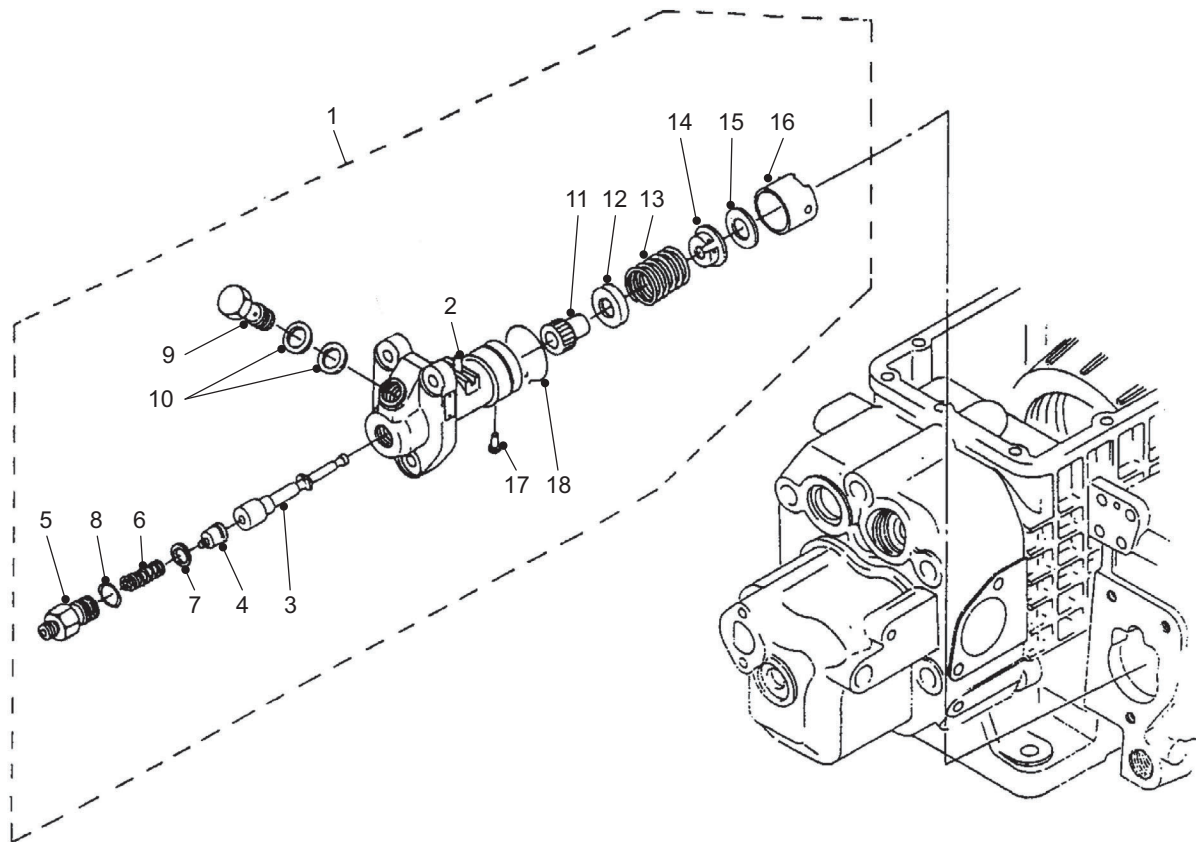


PC000105

**Section
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83

Injection Pump

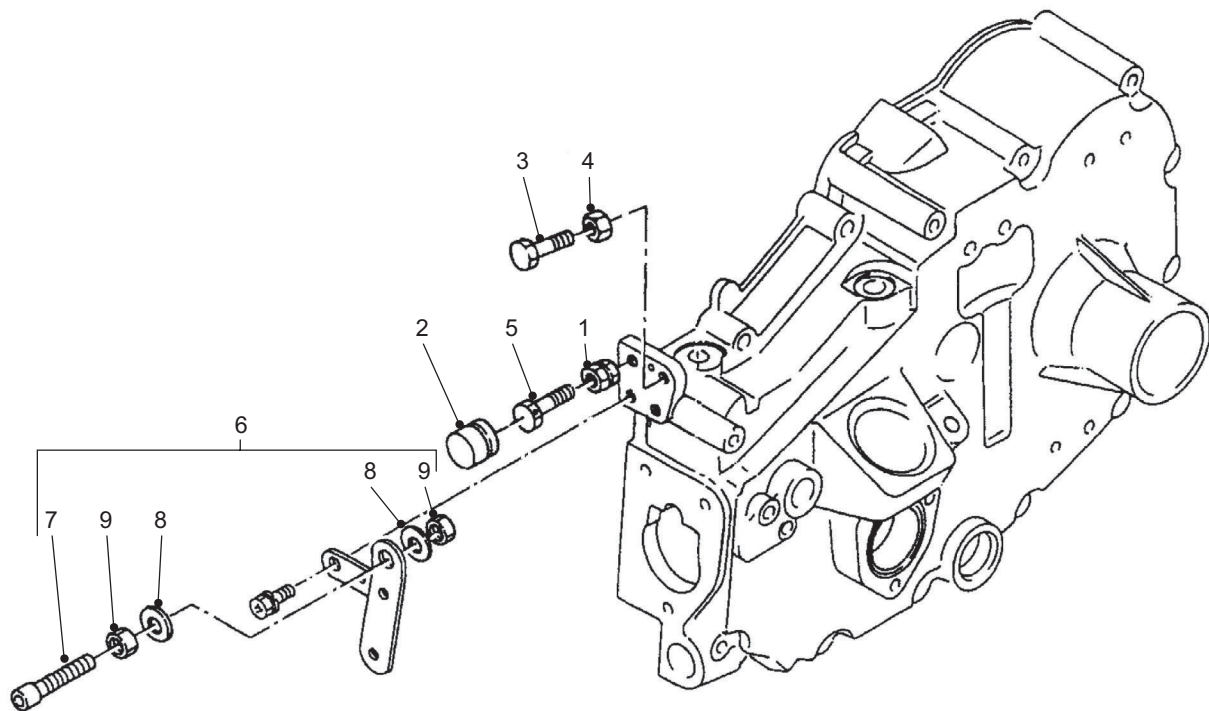


PC000106

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07-01-1685

**Section
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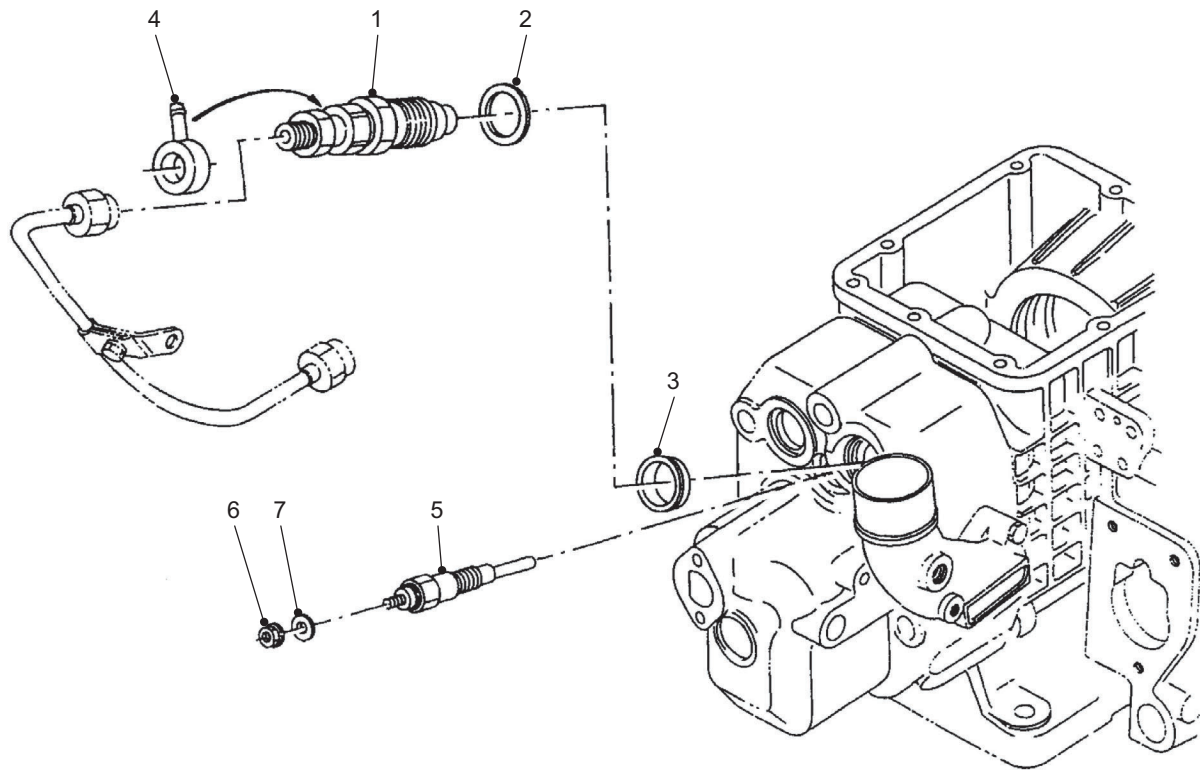


PC000108

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89

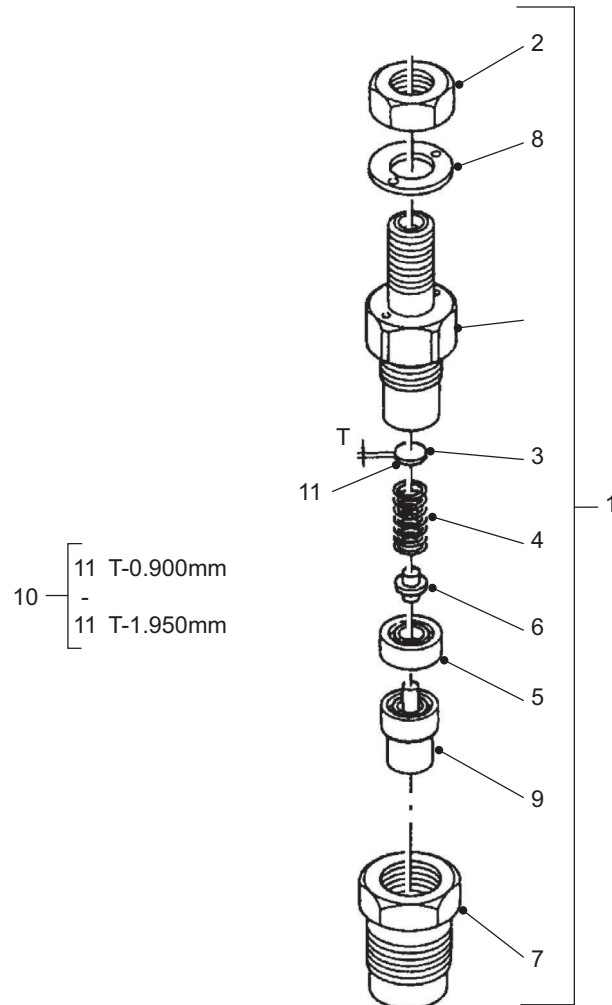
Nozzle Holder



PC000109

**Section
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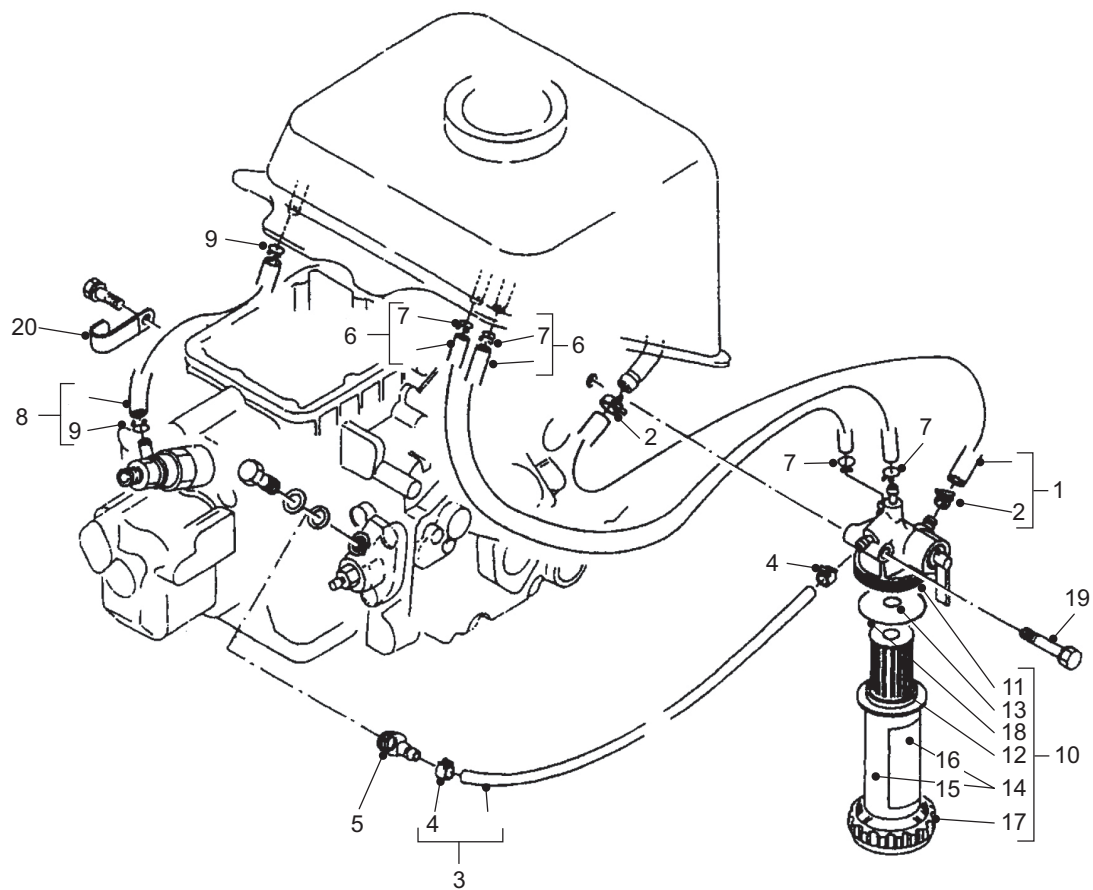
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Fuel Filter

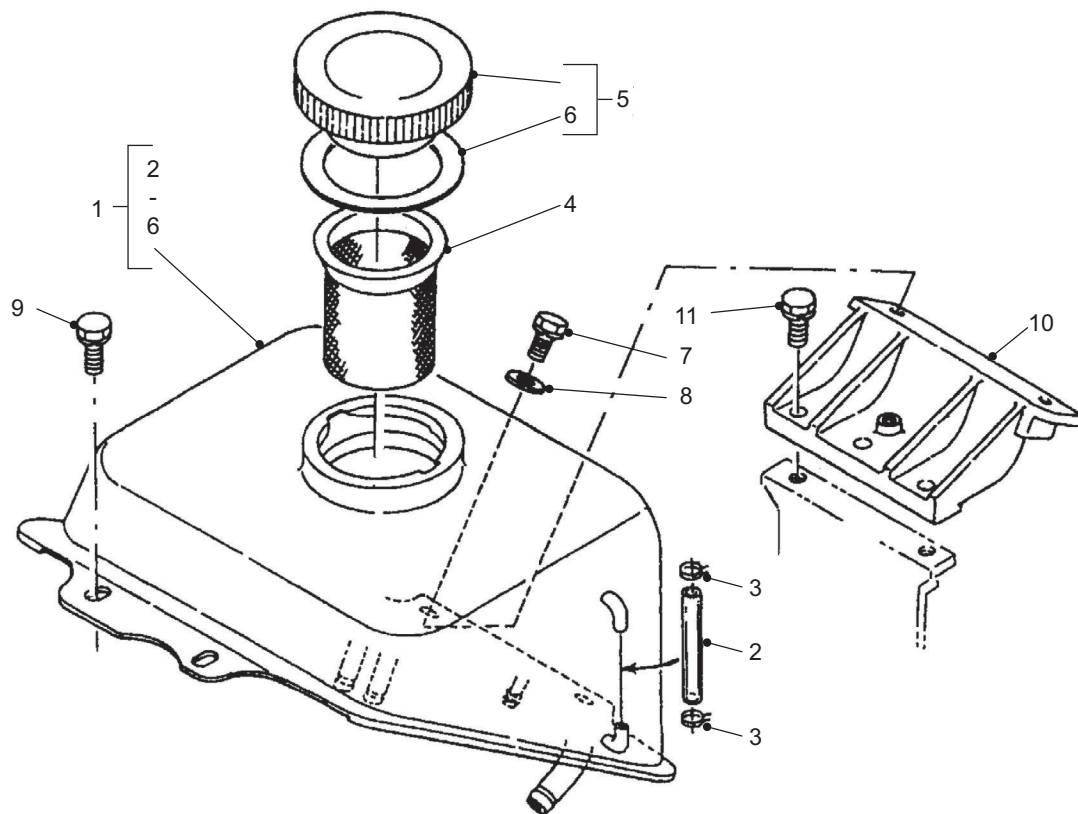


PC000111

**Section
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95

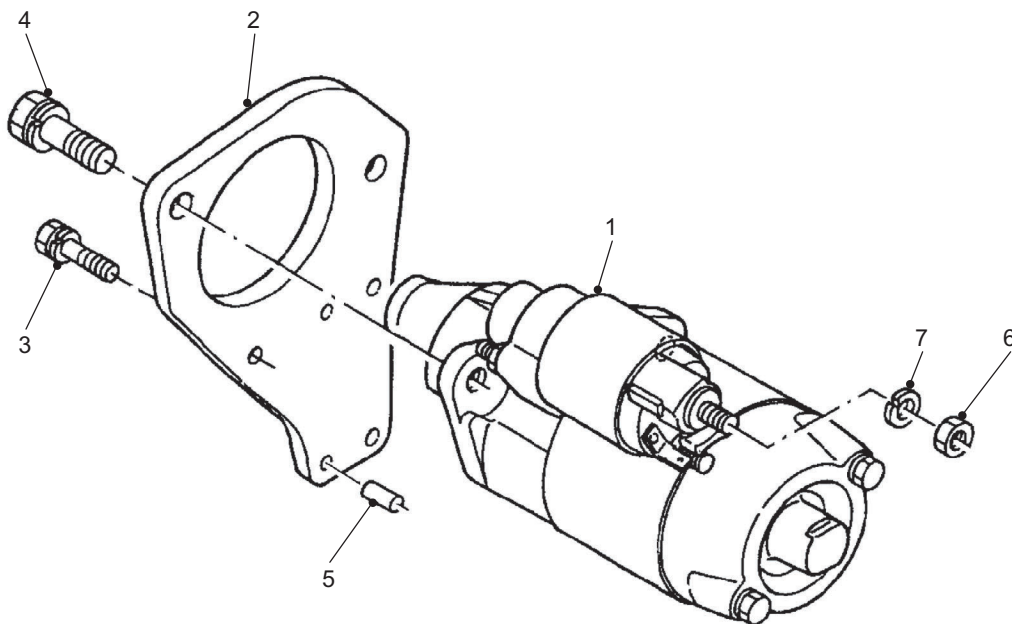
Fuel Tank



PC000112

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97

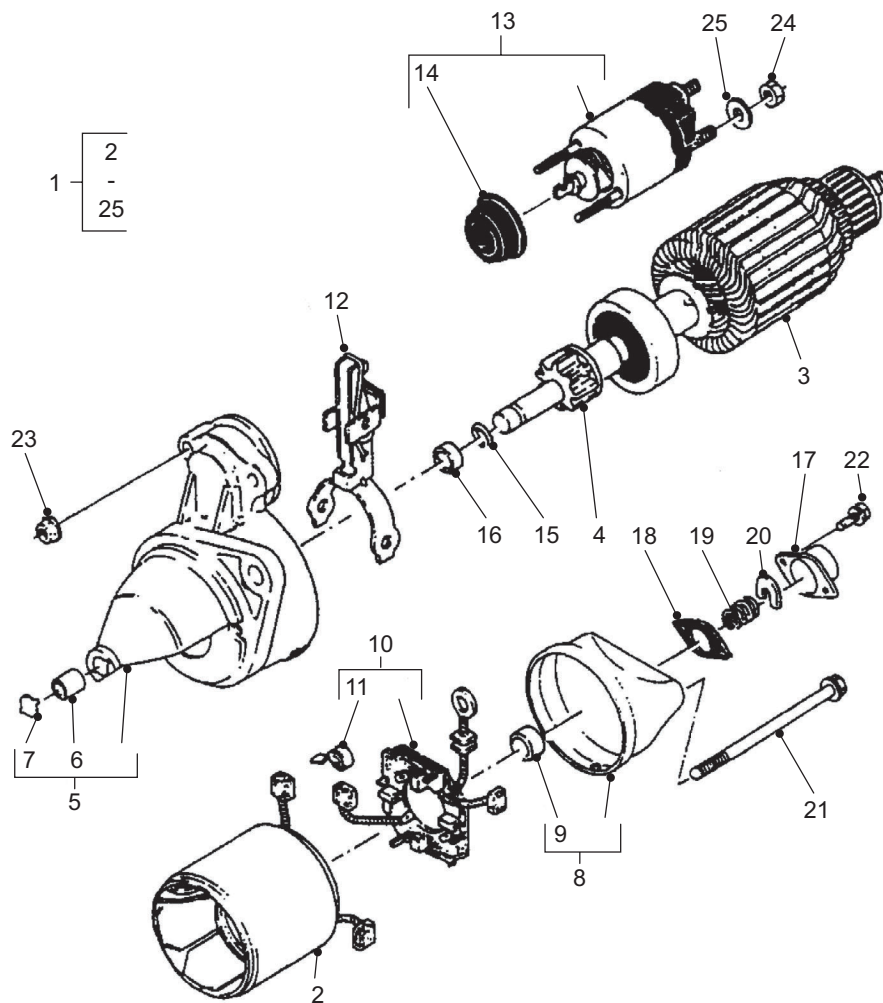


PC000113

**Section
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Starter Assembly



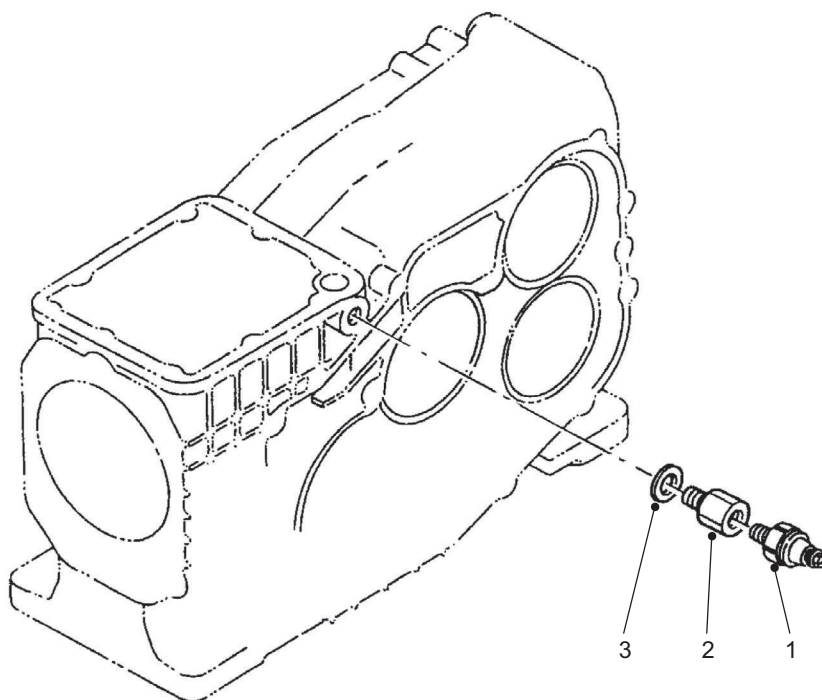
PC000114

Starter Assembly

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07-01-24

Item	Part Number	Denomination	Remarks	Serial Number	Qty
1	59365437	Starter Assembly	Includes Ref. 2 - 25		1
2	59366096	Starter Yoke Assembly			1
3	59366104	Arm			1
4	59366112	Clutch			1
5	59366120	Frame Assembly	Includes Ref. 6 - 7		1
6	59366138	Starter Housing Bushing			1
7	59366146	Expansion Plug			1
8	59366153	End Frame Assembly	Includes Ref. 9		1
9	59366161	Bushing			1
10	59366187	Brush Holder Assembly	Includes Ref. 11		1
11	59366195	Brush Spring			4
12	59366203	Drive Lever			1
13	59366211	Magnetic Switch	Includes Ref. 15		1
14	59366229	Cover			1
15	59366237	Snap Ring			1
16	59366245	Nut			1
17	59366252	End Frame Cap			1
18	59366260	Gasket			1
19	59366278	Brake Spring			1
20	59366286	Brake Shoe			1
21	59366294	Bolt			2
22	59238923	Screw w/Washer			2
23	59367201	Nut			2
24	59336024	Nut			1
25	59367219	Washer			1

Oil Switch

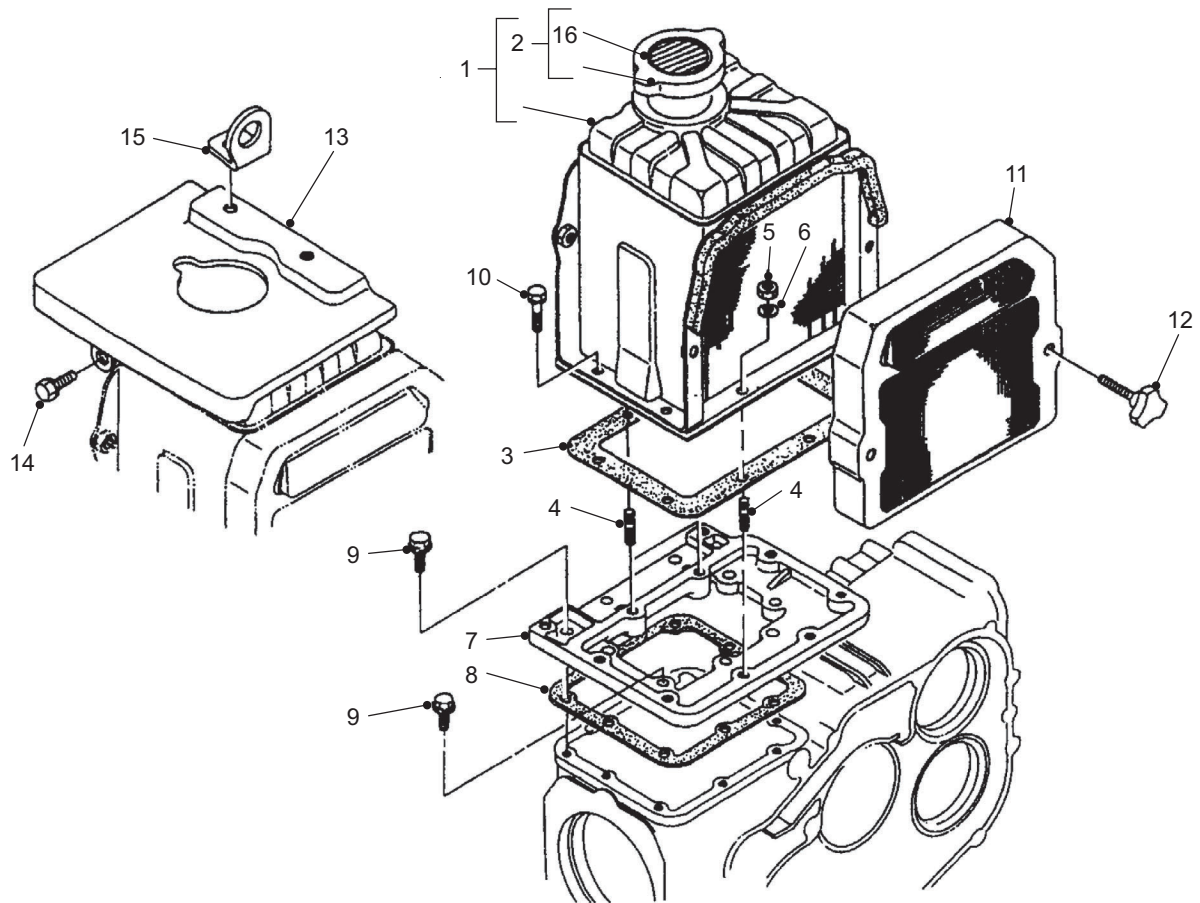


PC000115

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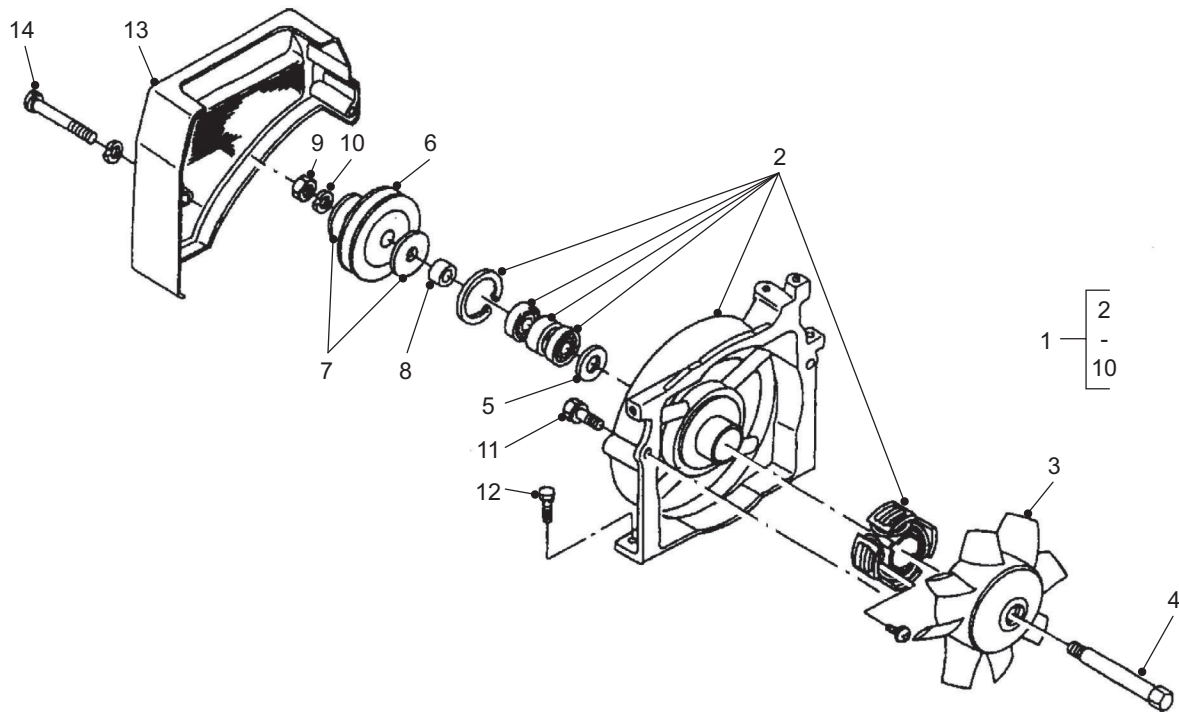
Radiator



PC000116

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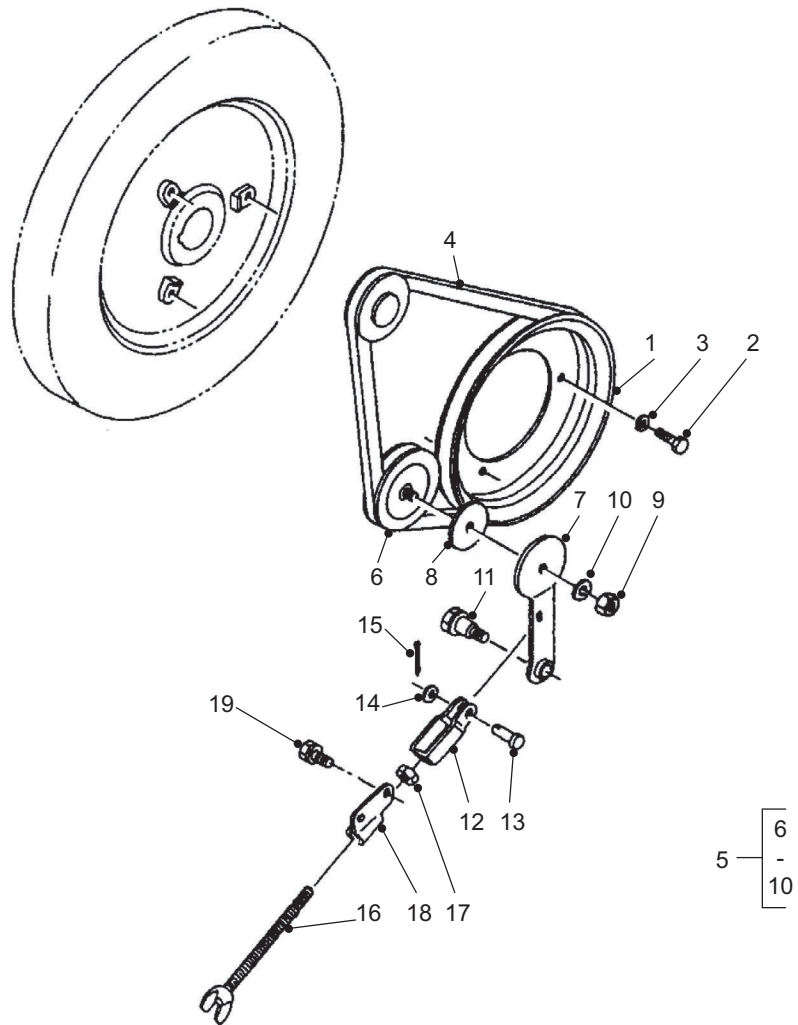


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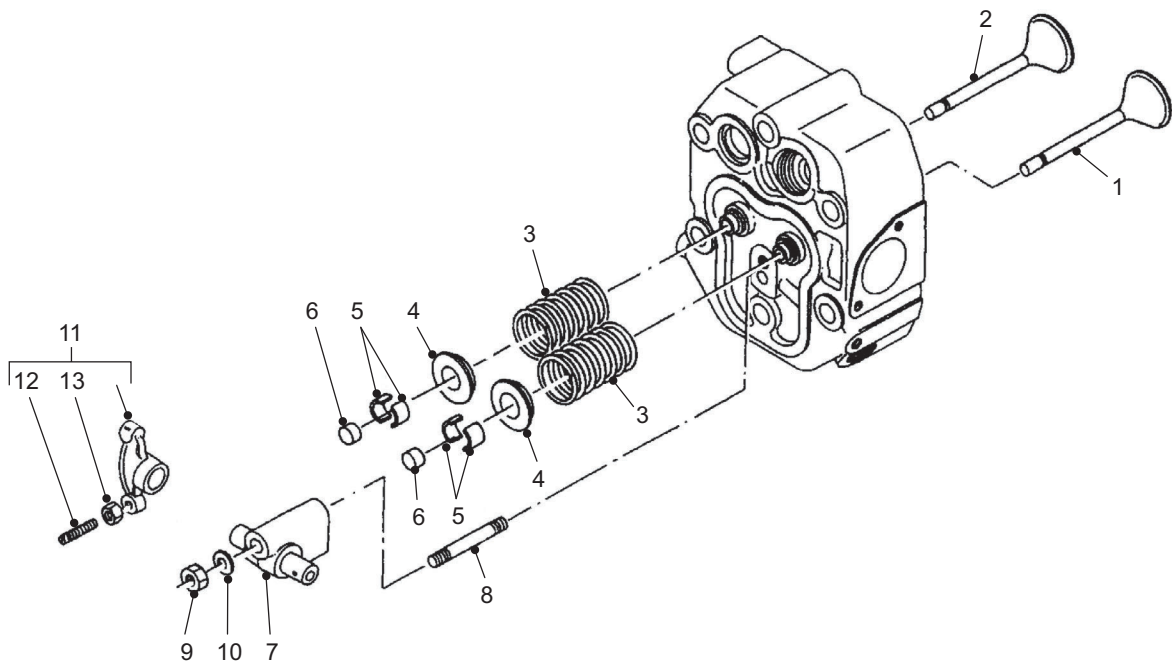
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Tension Pulley



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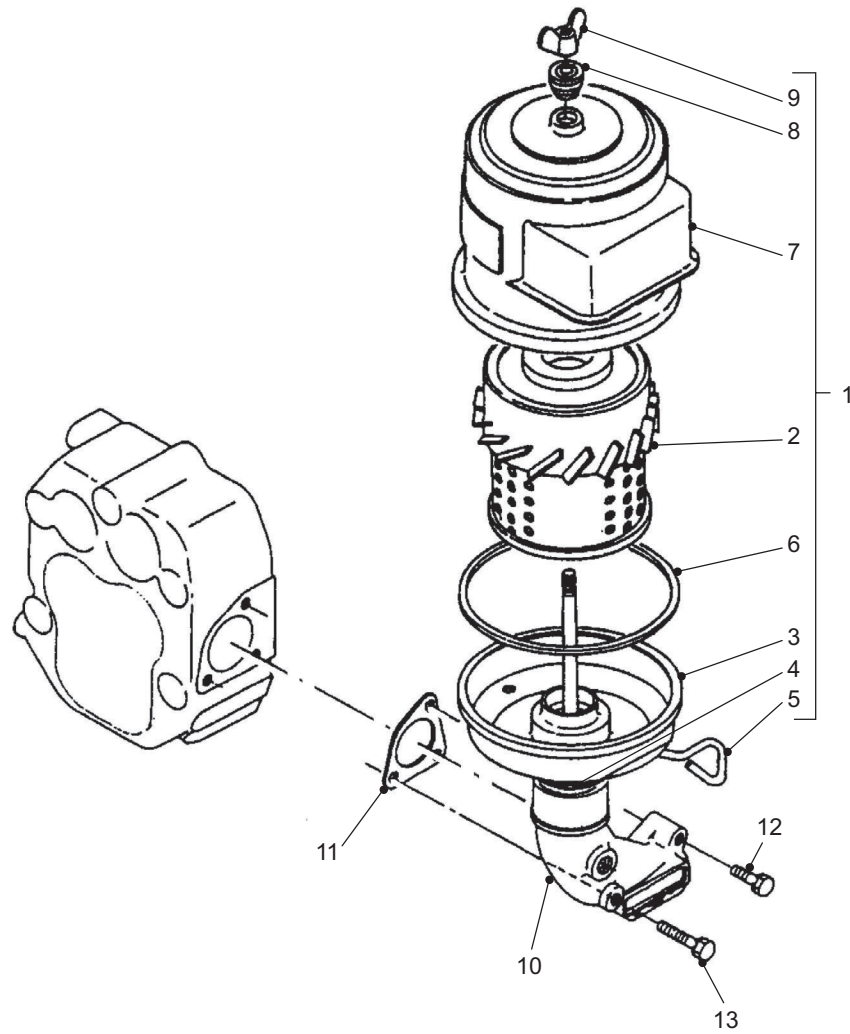
109



PC000119

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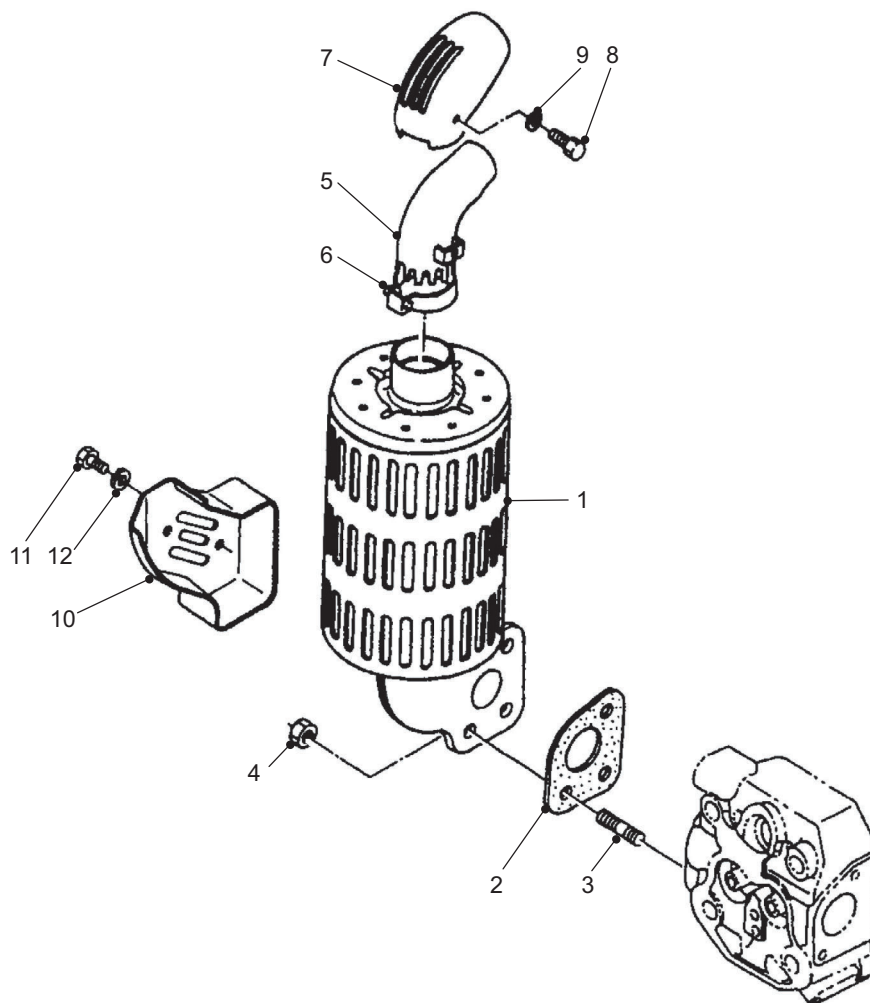


PC000120

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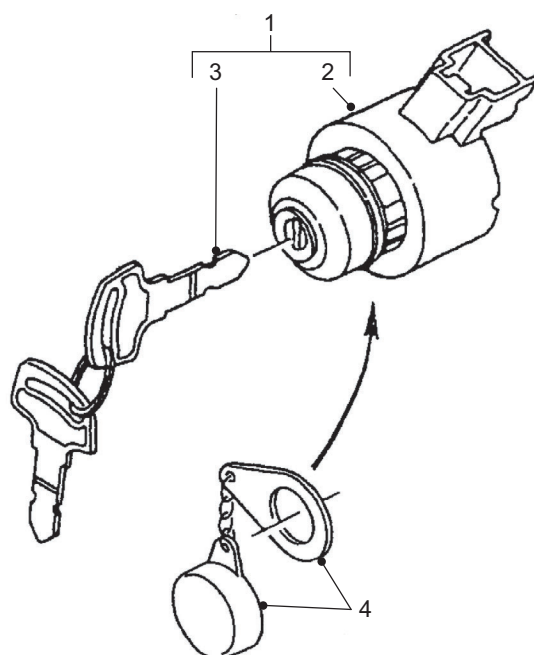
Muffler



PC000121

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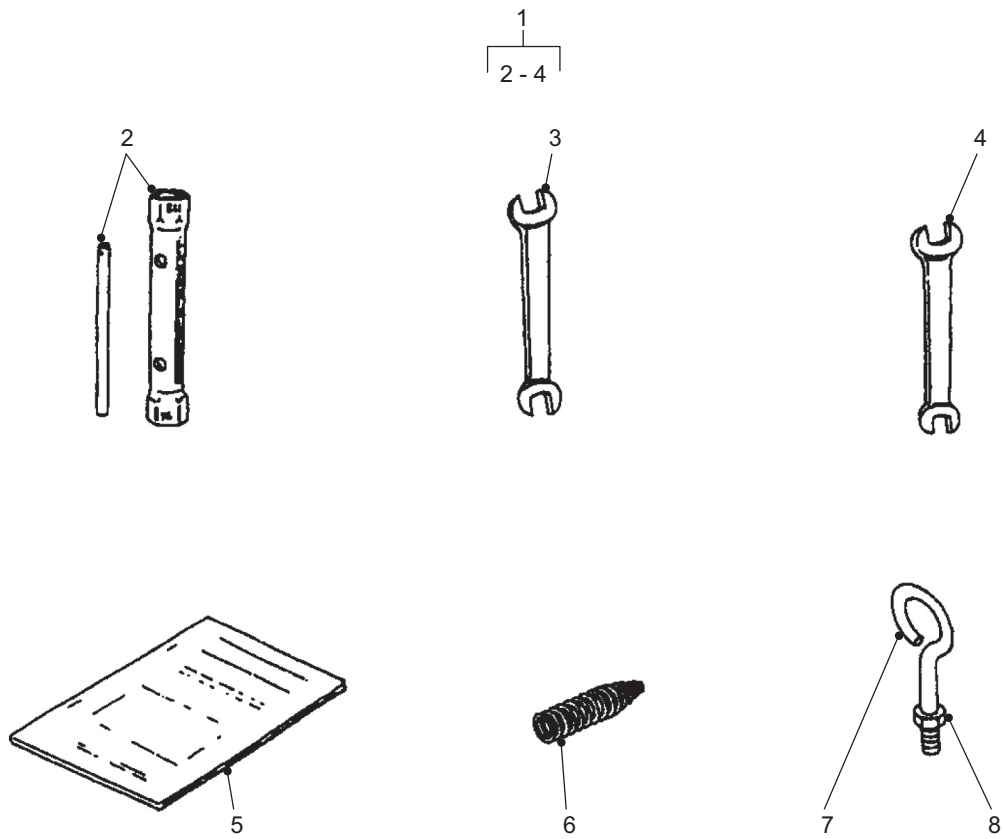
115



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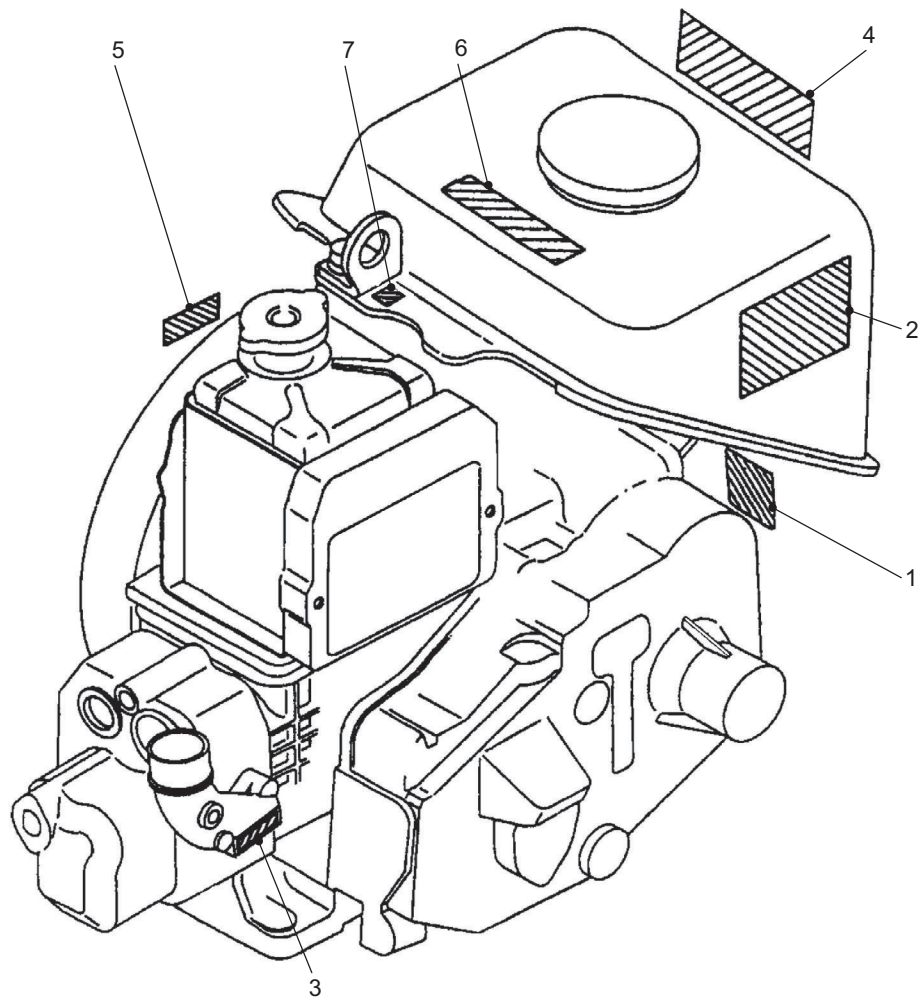
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**Section
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Walk-Behind Duplex Rollers DX-700E



PC000124

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59335729	Friction Plate		81	Control Installation
59335737	Nut		81	Control Installation
59335745	Washer		81	Control Installation
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59335844	Stud		105	Radiator
59335877	Radiator Base		105	Radiator
59335885	Radiator Base Gasket		105	Radiator
59335893	Flange Bolt		105	Radiator
59335927	Radiator Shroud		105	Radiator
59335935	Knob Bolt		105	Radiator

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59336032	Spring Washer		107	Fan
59336040	Fan Washer		107	Fan
59336073	Bolt		105	Radiator
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59336081	Fan Cover		107	Fan
59336099	Bolt		107	Fan
59336115	Fan Drive Pulley		109	Tension Pulley
59336149	Tension Pulley Assembly		109	Tension Pulley
59336156	Reamer Bolt		109	Tension Pulley
59336164	Tension Pulley Arm		109	Tension Pulley
59336172	Joint Pin		109	Tension Pulley
59336180	Washer		81	Control Installation
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59336198	Split Pin		109	Tension Pulley
59336206	Tension Bolt		109	Tension Pulley
59336222	Tension Bolt Guide		109	Tension Pulley
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59336396	Control Rack		85	Injection Pump
59336404	Pump Plunger		85	Injection Pump
59336412	Delivery Valve		85	Injection Pump
59336438	Delivery Valve Spring		85	Injection Pump
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59336453	O-ring		85	Injection Pump
59336461	Screw		85	Injection Pump
59336479	Gasket		85	Injection Pump
59336487	Control Sleeve		85	Injection Pump
59336495	Upper Spring Seat		85	Injection Pump
59336503	Plunger Spring		85	Injection Pump
59336511	Lower Spring Seat		85	Injection Pump
59336529	Shim Plate		85	Injection Pump
59336537	Tappet Assembly		85	Injection Pump
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59365387	Wing Nut		47	Electrical Installation
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59365445	Bolt		99	Starter
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59365759	Fuel Gauge		97	Fuel Tank
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59365809	Fuel Tank Support		97	Fuel Tank
59365817	Fuel Pipe Assembly		95	Fuel Filter
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59366104	Arm		101	Starter Assembly
59366112	Clutch		101	Starter Assembly
59366120	Frame Assembly		101	Starter Assembly
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59366153	End Frame Assembly		101	Starter Assembly
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59366203	Drive Lever		101	Starter Assembly
59366211	Magnetic Switch		101	Starter Assembly
59366229	Cover		101	Starter Assembly
59366237	Snap Ring		101	Starter Assembly
59366245	Nut		101	Starter Assembly
59366252	End Frame Cap		101	Starter Assembly
59366260	Gasket		101	Starter Assembly
59366278	Brake Spring		101	Starter Assembly
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59831602	Lockwasher		9	Frame Installation
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59831792	Bolt		23	Operating Handle Installation
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59831800	Lock Washer		35	Drum Installation
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59833103	Rod End		23	Operating Handle Installation
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59839456	Snap Ring		39	Eccentric Case Installation
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