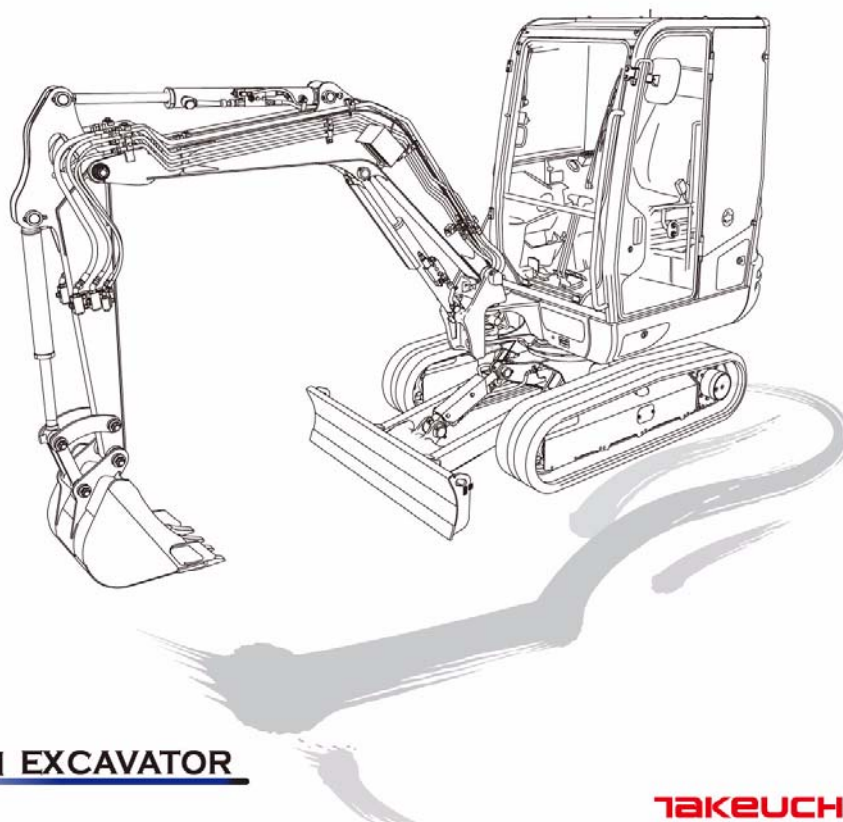


PARTS MANUAL

TB230

Serial No.130000003-

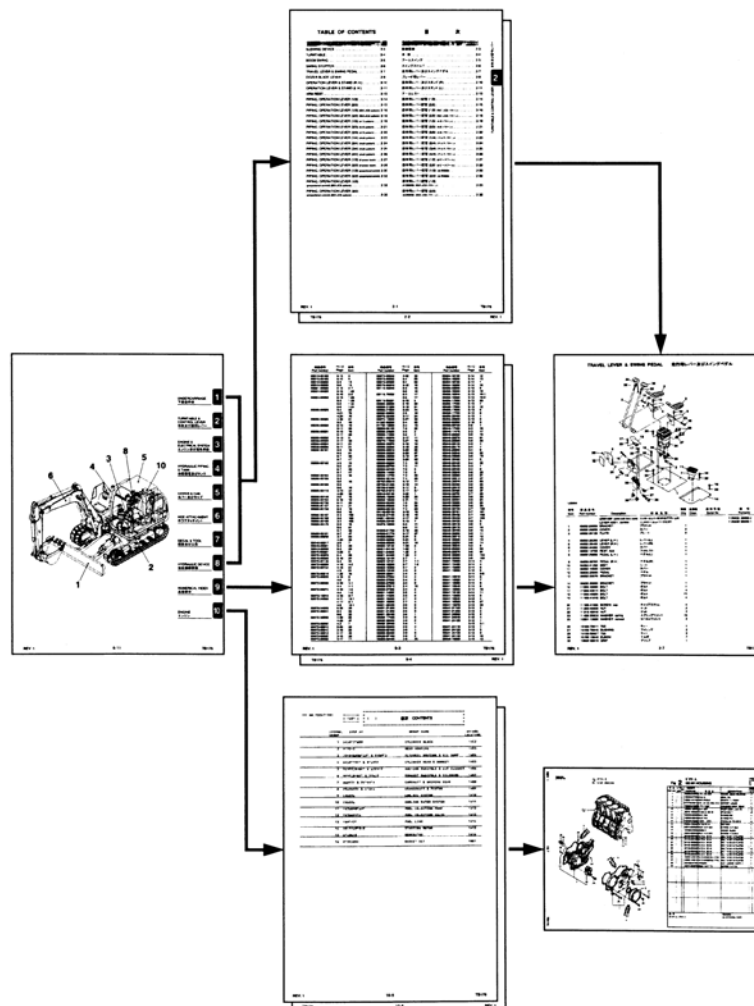
BE8Z000-0-B [P-TB230_F-XC]



MINI EXCAVATOR

TAKEUCHI

部品検索システム
RESEARCH SYSTEM
SYSTEME DE RECHERCHE
UNTERSUCHUNGSSYSTEM



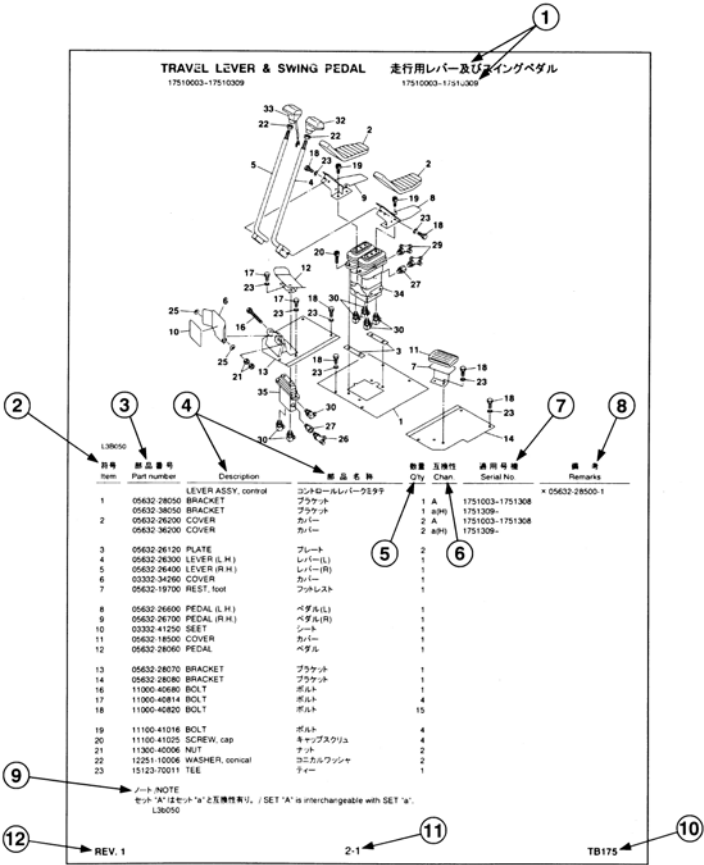
- 部品のご注文に際して

部品をご注文の際には、次の事項を最寄りの営業所または、販売店にお知らせください。

 - ・ 機械の型式
 - ・ 製造番号
 - ・ 部品番号
 - ・ 部品名称
 - ・ 必要個数
- 機械の前後、左右について

機械の前進方向に向けて運転席に坐り、「前後、左右」と呼んでおります。

パーツマニュアルの見方



1 タイトル及びサブタイトル

8 備考

2 符号

イラスト内の各部品を示す番号です。

9 ノート

10 機械の型式

3 部品番号

部品に付けられた固有の番号です。
販売されない部品は、部品番号の前に「X」印が付けられています。

11 ページ番号

12 改訂番号

改訂されたときの番号が付けられており、そのページが
何回改訂されたかを示すものではありません。

4 部品名称

部品の名前を示します。
組立品を構成する部品は、部品名称の前に「★」印を
付け、組立品の次につづけて記載されています。更に、
「★」印の部品が組立品の場合は、その構成部品に「★
★」印が付けてあります。以下「★」を順次増やして
組立品の構成部品であることを表しています。

(R) 右側

(L) 左側

5 個数

「1 台分の個数」を示しています。
ただし、組立品の構成部品及び「油圧機器詳細」の項
の構成部品は、その組立品「1 組分の個数」が示され
ています。
AR 任意選択・必要数使用

6 互換性

単品での互換性

(H) すぐ上の行に記載されている部品の代わりに
使用できます。

(L) すぐ下の行に記載されている部品の代わりに
使用できます。

複数の部品が組になった場合の互換性

英文字(H・Lを除く)の付いた部品は、同じ文字の大
文字と小文字ごとに組になっています。これらの文字の
後に記号(H)又は(L)を付け、組での互換性を示します。

(H) 同じ英文字の大文字が付いた部品の代わりに
使用できます。

(L) 同じ英文字の小文字が付いた部品の代わりに
使用できます。

7 適用号機

その部品が使用されている機械の号機を示します。
号機表示のない部品は全ての機械に使用されていま
す。但し、小見出しに適用号機が記載されている場合
は、個々に号機表示のあるものを除き、そのページの
部品すべてにこの号機が適用されます。

TB230 [P-TB230_F-XC] Book No. BE8Z000-0-B S/N 130000003- How to read the parts manual (4/9)

ORDERING OF PARTS

To ensure your order is processed correctly, please supply all the following information:

- Machine model
- Machine serial number
- Part number
- Description
- Quantity of parts

RIGHT, LEFT, FRONT AND REAR OF MACHINE

Right-hand and left-hand, front and rear, when used in this manual, indicate the right and left sides of the machine as seen from the operator's seat in the forward operating position.

HOW TO USE THE PARTS MANUAL

TRAVEL LEVER & SWING PEDAL 走行用レバー及びスイングペダル
17510003-17510309

Item	Part number	Description	部品名	数量	互換性	適用機種	備考
項目	部品番号	説明	部品名	数量	互換性	適用機種	備考
1	05632-28050	LEVER ASSY, control	コントロールレバーウシタテ	1	A	17510003-1751308	* 05632-28500-1
2	05632-38050	BRACKET	ブラケット	1	a(H)	1751309-	
2	05632-26200	COVER	カバー	2	A	17510003-1751308	
	05632-36200	COVER	カバー	2	a(H)	1751309-	
3	05632-26120	PLATE	プレート	2			
4	05632-26300	LEVER (L.H.)	レバー(L)	1			
5	05632-26400	LEVER (R.H.)	レバー(R)	1			
6	03332-34280	COVER	カバー	1			
7	05632-19700	REST, foot	フットレスト	1			
8	05632-26600	PEDAL (L.H.)	ペダル(L)	1			
9	05632-26700	PEDAL (R.H.)	ペダル(R)	1			
10	03332-41250	SEAT	シート	1			
11	05632-18500	COVER	カバー	1			
12	05632-28060	PEDAL	ペダル	1			
13	05632-28070	BRACKET	ブラケット	1			
14	05632-28080	BRACKET	ブラケット	1			
16	11000-40680	BOLT	ボルト	1			
17	11000-40814	BOLT	ボルト	4			
18	11000-40820	BOLT	ボルト	15			
19	11100-41016	BOLT	ボルト	4			
20	11100-41025	SCREW, cap	キャップスクリュー	4			
21	11300-40006	NUT	ナット	2			
22	12251-10006	WASHER, conical	コニカルワッシャー	2			
23	15123-70011	TEE	ティー	1			

ノート NOTE
セット "A" はセット "a" と互換性有り。 / SET "A" is interchangeable with SET "a".
L38050

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TB175

TB230 [P-TB230_F-XC] Book No. BE8Z000-0-B S/N 130000003-
How to read the parts manual (5/9)

1. Page title and subtitle

2. Item number

Reflects reference number in illustration.

3. Part number

The part which is not sold has an "X" in front of part number.

4. Description

Names given to part.

Components of an assembly are prefixed with "★" and shown in the line(s) below the assembly. If the components prefixed with "★" contain further components, these further components are prefixed with "★★", and so on.

(R.H.) Right hand side

(L.H.) Left hand side

5. Quantity

Indicates number of parts per individual machine.

For components of an assembly and parts listed in the section of HYDRAULIC DEVICE, it indicates number of parts required for the assembly.

AR As required

6. Interchangeability

• Interchangeability between individual parts.

(H) Indicates the part is interchangeable with the one in the preceding line.

(L) Indicates the part is interchangeable with the one in the following line.

• Interchangeability between groups of parts.

Parts that have the same alphabetic character but different case in this column are made up a group (the characters H and L are not used for this arrangement.) These characters are followed by either (H) or (L) that shows the interchangeability as follows.

(H) Indicates the part can be used instead of the parts having the same alphabetic character written in uppercase.

(L) Indicates the part can be used instead of the parts having the same alphabetic character written in lowercase.

7. Serial number

Indicates serial number of machine in which the part is used.

Parts with no serial number can be used in all machines. However, if subtitle has a serial number, all parts on that page can be used for machine with that serial number except for those for which specific serial numbers are specified.

8. Remarks

9. Note

10. Model(s)

11. Page number

Indicates section number and page number within section.

12. Revision number

Indicates revision of this manual. This number is printed on the pages that reflect this revision.

BESTELLEN VON TEILEN

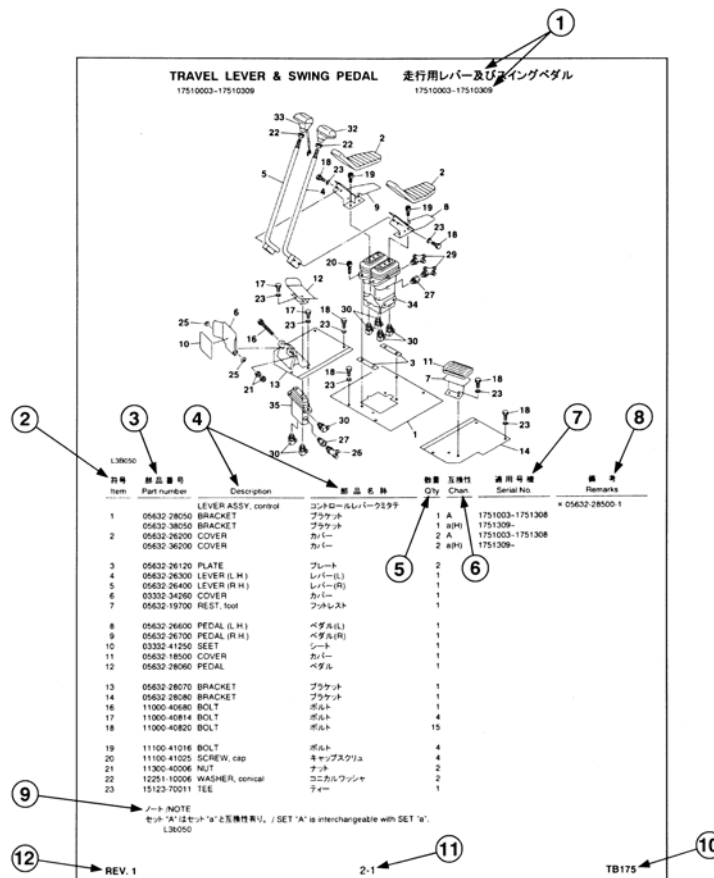
Zur richtigen Abfassung ihrer Bestellung geben Sie bitte immer folgende Informationen an:

- Modell der Maschine
- Seriennummer der Maschine
- Teilnummer
- Benennung
- Anzahl der Teile

VORDER- UND RÜCKSEITE, RECHTE UND LINKE SEITE DER MASCHINE

Die Positionsangaben „rechts“, „links“, „vorn“ und „hinten“ in diesem Handbuch beziehen sich auf die Positionen, wie sie vom Fahrersitz aus beim Vorwärtsbetrieb gesehen werden.

HINWEISE ZUM GEBRAUCH DES TEILEHANDBUCHS



1. Seitentitel und Untertitel

2. Item (Referenznummer)

Referenznummer zur Abbildung.

3. Part number (Teilnummer)

Nicht verkäufliche Teile sind mit einem „X“ vor der Teilenummer gekennzeichnet.

4. Description (Benennung)

Benennung des Teils.

Die einzelnen Bauteile einer Baugruppe sind mit „★“ gekennzeichnet und sind in der/den Zeile(n) unter der Baugruppe aufgeführt. Wenn mit „★“ gekennzeichnete Komponenten aus weiteren Komponenten bestehen, sind diese weiteren Komponenten mit „★ ★“ gekennzeichnet etc.

(R.H.) rechts

(L.H.) links

5. Q'ty (Stückzahl)

Anzahl der Teile pro Einzelteil.

Bei im Kapitel „HYDRAULIC DEVICE“ aufgeführten Komponenten einer Baugruppe und Bauteilen, zeigt dies die Menge der für die Baugruppe erforderlichen Bauteile an.

AR Falls erforderlich

6. Chan. (Austauschbarkeit)

• **Austauschbarkeit individueller Bauteile**

(H) Zeigt an, dass das Bauteil mit dem in der vorherigen Zeile aufgeführten Bauteil austauschbar ist.

(L) Zeigt an, dass das Bauteil mit dem in der nachfolgenden Zeile aufgeführten Bauteil austauschbar ist.

• **Austauschbarkeit einzelner Bauteilgruppen**

Bauteile, die in dieser Spalte denselben Buchstaben aber eine unterschiedliche Größe haben (Klein-/Großbuchstabe), sind zu einer Gruppe zusammengefasst (die Buchstaben H und L wurden für diese Anordnung nicht verwendet). Hinter diesen Zeichen steht entweder (H) oder (L), was die Austauschbarkeit wie folgt anzeigt:

(H) Zeigt an, dass das Bauteil an Stelle der Teile benutzt werden kann, die mit demselben Buchstaben als Großbuchstabe gekennzeichnet sind.

(L) Zeigt an, dass das Bauteil an Stelle der Teile benutzt werden kann, die mit demselben Buchstaben als Kleinbuchstabe gekennzeichnet sind.

7. Serial No. (Serien-Nr.)

Zeigt die Seriennummer des Baggers an, in dem das Bauteil verwendet wird.

Teile, die nicht mit einer Seriennummer versehen sind, können in allen Baggern verwendet werden.

Wenn jedoch der Untertitel mit einer Seriennummer versehen ist, können alle auf der Seite aufgeführten Bauteile für den Bagger mit der entsprechenden Seriennummer benutzt werden; mit Ausnahme der Bauteile, für die spezielle Seriennummern angegeben sind.

8. Remarks (Bemerkung)

9. Note (Anmerkung)

10. Modell(e)

11. Seitenzahl

Baugruppe und Seitenzahl innerhalb der Baugruppe.

12. Revisions-Nummer

Weist auf die Überarbeitung dieses Handbuchs hin. Diese Nummer ist auf den Seiten aufgedruckt, die von der Überarbeitung betroffen sind.

COMMANDE DE PIECES DE RECHANGE

Pour libeller correctement vos commandes, donner toujours les indications qui suivent:

- Modèle de l'engin
- Numéro de série de l'engin
- Numéro de pièce
- Dénomination
- Quantité de pièces

L'AVANT ET L'ARRIERE, LA DROITE ET LA GAUCHE DE L'ENGIN

Droit, gauche, avant et arrière utilisés dans ce manuel, indiquent les côtés droit ou gauche, avant et arrière par rapport au siège du conducteur en position de marche avant.

UTILISATION DU MANUEL PIECES DE RECHANGE

TRAVEL LEVER & SWING PEDAL 走行用レバー及びスイングペダル
17510003-17510309

Item	Part number	Description	数量	互換性	適用年号	備考
1	05632-28050	LEVER ASSY, control	1	A	1751003-1751308	× 05632-28000-1
2	05632-38050	BRACKET	1	all	1751309-	
3	05632-26200	COVER	2	A	1751003-1751308	
4	05632-26300	COVER	2	all	1751309-	
5	05632-26120	PLATE	2			
6	05632-26300	LEVER (L.H.)	1			
7	05632-26400	LEVER (R.H.)	1			
8	03332-34090	COVER	1			
9	05632-19700	REST, foot	1			
10	05632-26600	PEDAL (L.H.)	1			
11	05632-26700	PEDAL (R.H.)	1			
12	03332-41250	SEAT	1			
13	05632-18500	COVER	1			
14	05632-28060	PEDAL	1			
15	05632-28070	BRACKET	1			
16	05632-28080	BRACKET	1			
17	11000-40680	BOLT	1			
18	11000-40814	BOLT	4			
19	11000-40820	BOLT	15			
20	11100-41016	BOLT	4			
21	11100-41020	SCREW, cap	4			
22	11300-40006	NUT	2			
23	12251-10006	WASHER, conical	2			
24	15123-70011	TEE	1			

NOTE
セット "A" はセット "B" と互換性あり。 / SET "A" is interchangeable with SET "B".
L38050

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TB175

1. Titre et sou-titre de la page

2. Item (Numéro de référence)

Reflète le numéro de référence figurant dans l'illustration.

3. Part number (Numéro de pièce)

Les pièces qui ne sont pas vendues portent un numéro précédé d'un " X ".

4. Description (Dénomination)

Nom de la pièce

Les composants d'ensembles sont repérés par le préfixe " ★ " et indiqués sur la ou les lignes sous l'ensemble. Si des composants avec préfixe " ★ " sont constitués des composants suivants de la liste, ces derniers sont repérés par le préfixe " ★★ ", et ainsi de suite.

(R.H.) Droit

(L.H.) Gauche

5. Q'ty (Quantité)

Indique le nombre de pièces nécessaires pour une machine.

Pour les composants d'ensemble ou pièces listées dans la section HYDRAULIC DEVICE, cette quantité indique le nombres de pièces nécessaires à l'ensemble.

AR Suivant la nécessité

6. Chan. (Interchangeabilité)

• Interchangeabilité entre pièces détachées.

(H) Indique que la pièce est interchangeable avec celle de la ligne précédente.

(L) Indique que la pièce est interchangeable avec celle de la ligne suivante.

• Interchangeabilité entre groupe de pièces.

Les pièces ayant la même lettre alphabétique mais de casse différente dans cette colonne composent un groupe (Les lettres H et L ne sont pas utilisées ici). Ces caractères sont suivis d'un (H) ou d'un (L) qui indique l'interchangeabilité de la façon suivante:

(H) Indique que la pièce peut être utilisée à la place de celle qui possède le même caractère alphabétique majuscule.

(L) Indique que la pièce peut être utilisée à la place de celle qui possède le même caractère alphabétique minuscule.

7. Serial No. (Numéro de série)

Indique le numéro de série de la machine sur laquelle la pièce est utilisée.

Les pièces sans numéro de série peuvent être utilisées sur toutes les machines. Cependant, lorsqu'un sous-titre possède un numéro de série, toutes les pièces de cette page peuvent être utilisées sur une machine de ce numéro de série sauf celles qui comportent des numéros de série spécifiques.

8. Remarks (Remarques)

9. Note (Note)

10. Modèle(s)

11. Page

Indique la section et la page dans la section.

12. Revision number (Numéro de révision)

Indique le numéro de révision de ce manuel. Celui-ci est imprimé au bas des pages qui ont fait l'objet de cette révision.

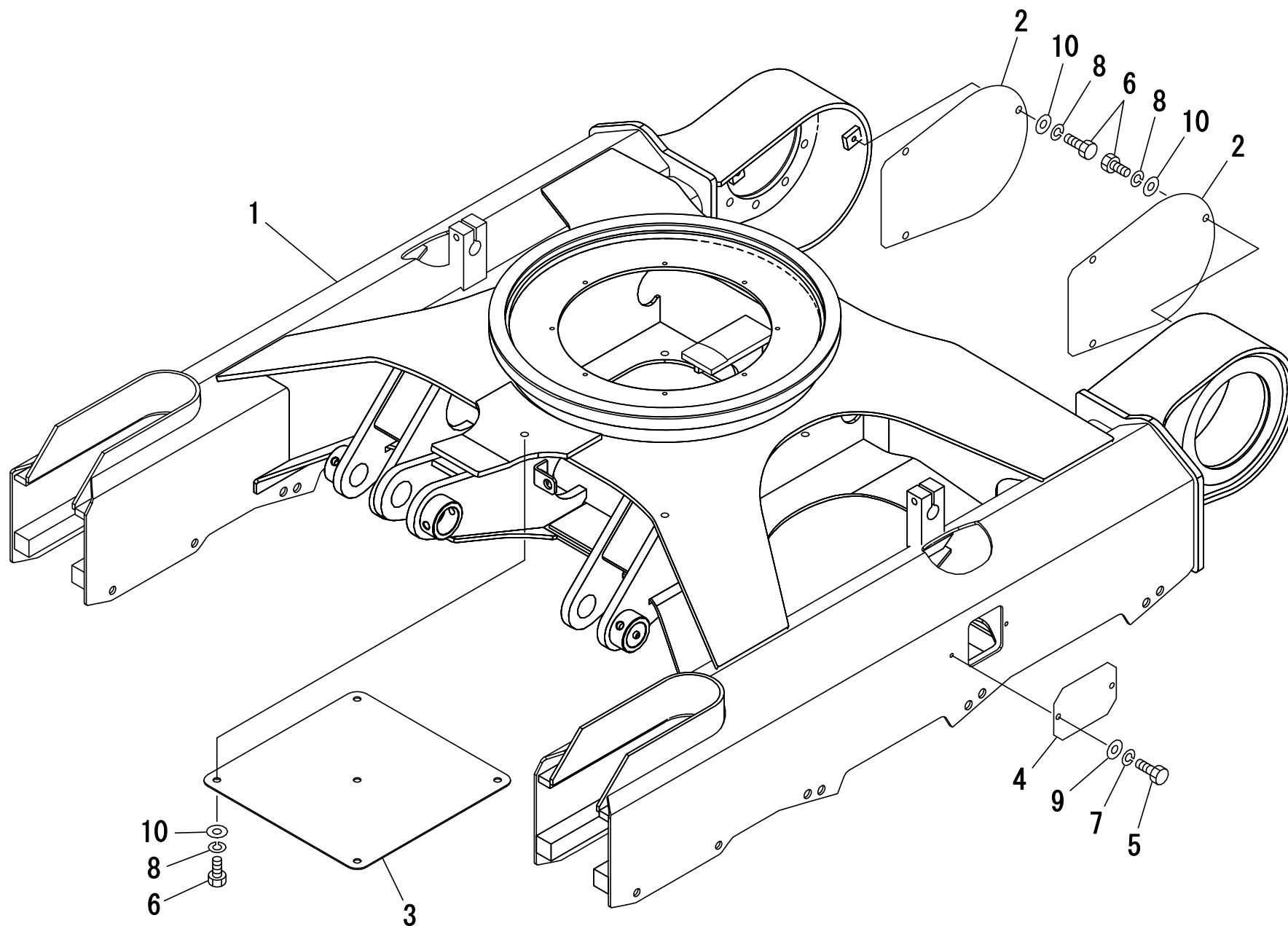
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4		HYDRAULIC PIPNG & TANK			
5		COVER & CAB			
6		HOE ATTACHMENT			
7		DECAL & TOOL			
8		HYDRAULIC DEVICE			
10		エンジン(3TNV88F-EPTB/EPTB1)			
		2014.11.28			
		P-TB230_F-XC			
		BE8Z000-0-B			

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Memo



E8A010

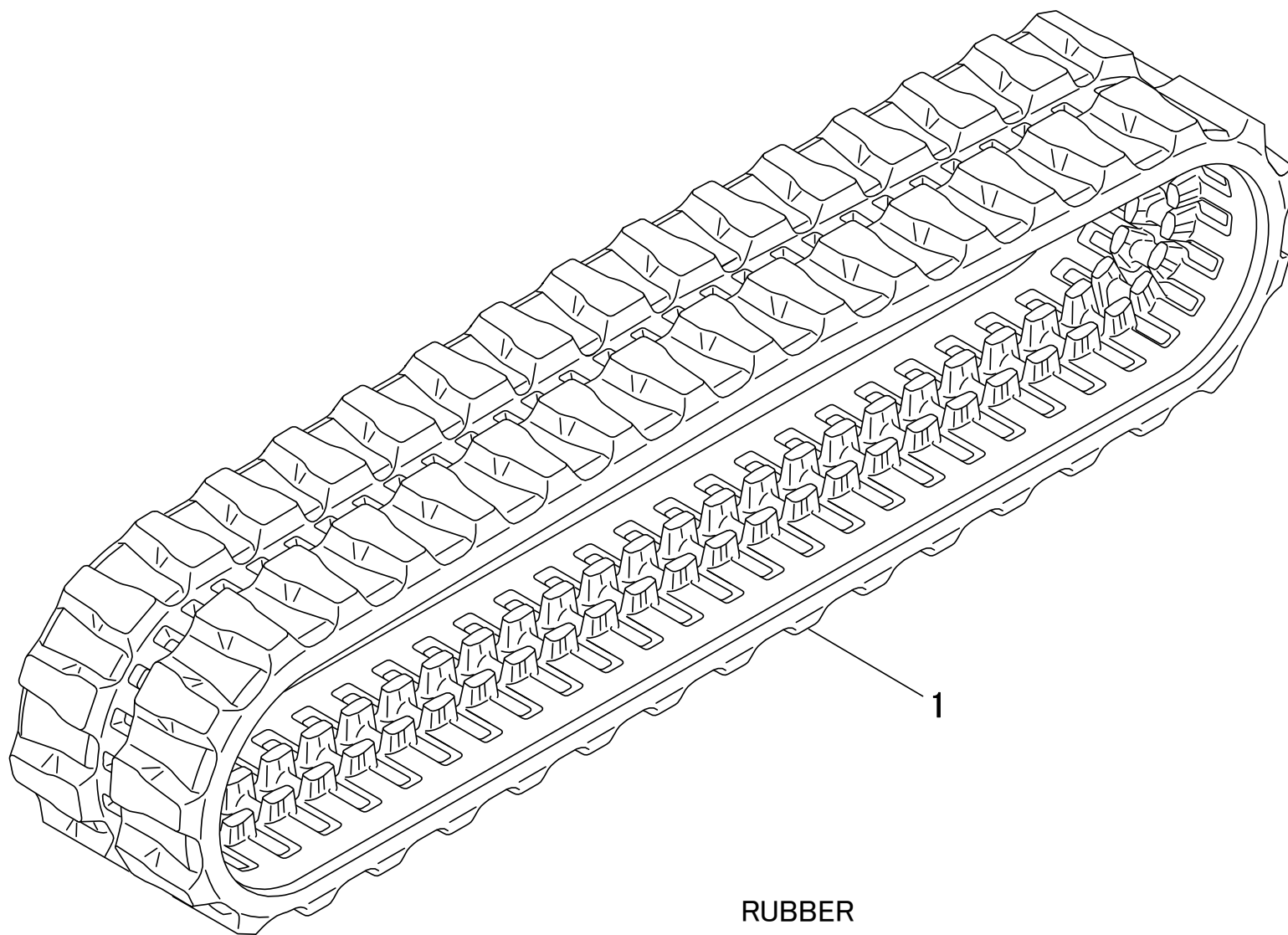
Reference E8A010

S=1/12

1-1

LOWER FRAME

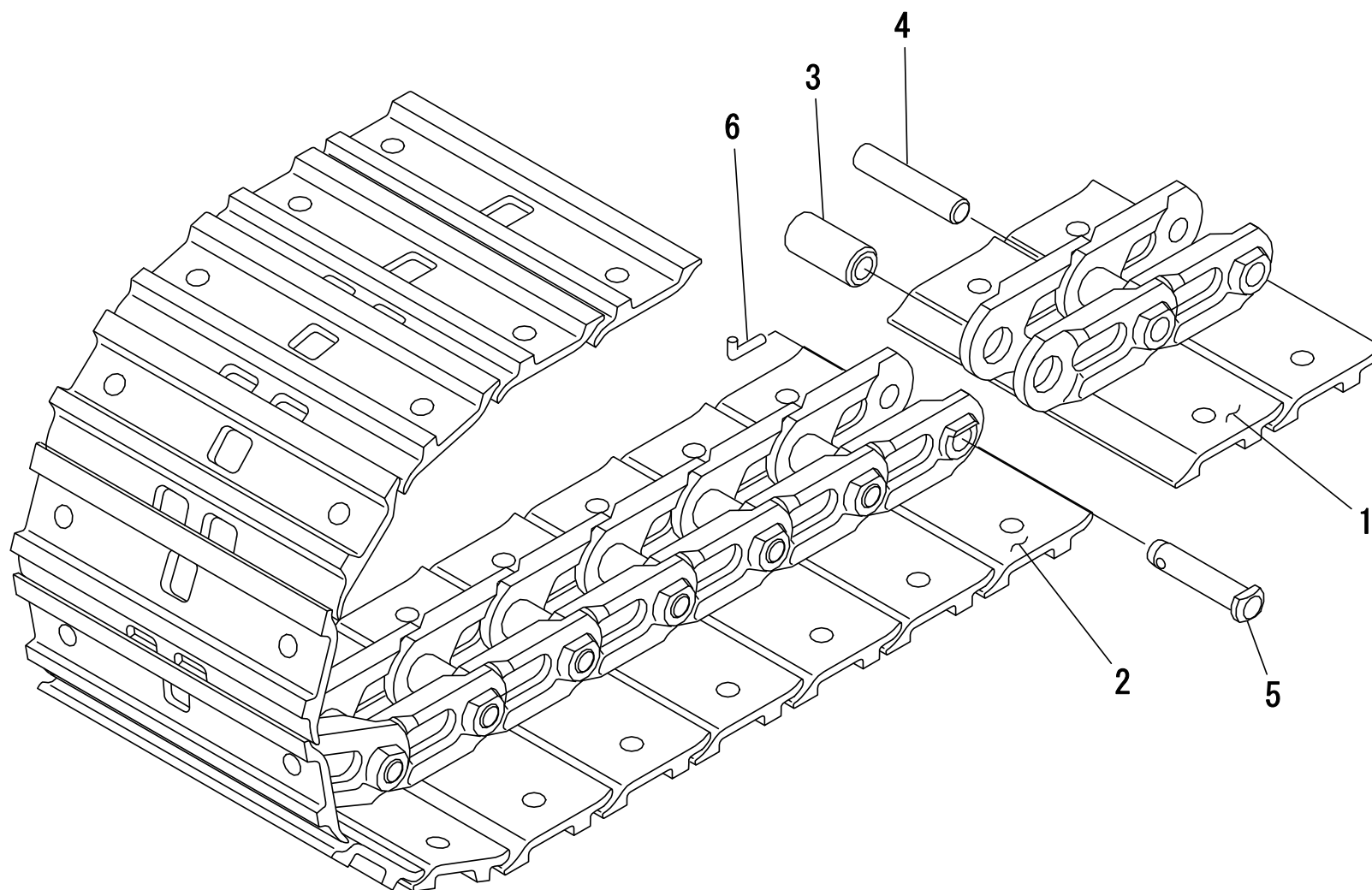
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	X *****	FRAME ASSY, lower	1				
2	0371019020	COVER	2				
3	0371000038	COVER	1				
4	0331018600	COVER	2				
5	1100040816	BOLT	4				
6	1100041020	BOLT	10				
7	1140020008	WASHER, spring	4				
8	1140020010	WASHER, spring	10				
9	1141110008	WASHER	4				
10	1141110010	WASHER	10				
	E8a010						



G8A020

S=free

Item	Part number	Description	Q'ty	Chan.	Serial No.	CRAWLER BELT (rubber)	
						Serv.	Remarks
1	1914067620 E8a020	BELT ASSY, rubber crawler	2				
		BELT, rubber crawler					

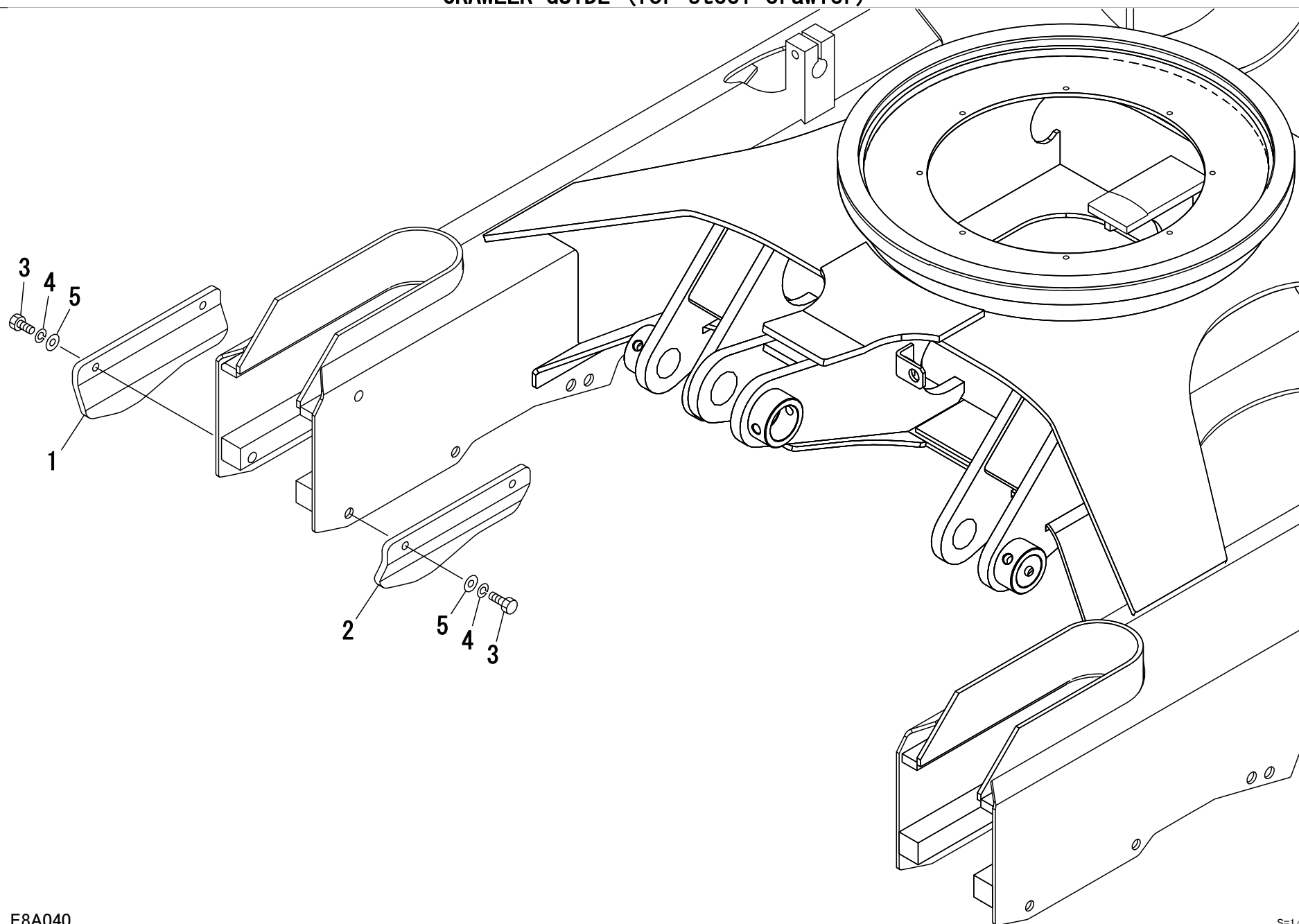


E8A030

STEEL

S-free

CRAWLER BELT (steel)						
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
0	1914053600	BELT ASSY, steel crawler	2			
1	1914053613	BELT, steel crawler	38			
2	1914053614	· PLATE ASSY	1			
3	1914053505	· PLATE ASSY, master	39			
4	1914053506	· BUSHING	38			
5	1914053507	· PIN, track	1			
6	1914053608	· PIN, master	1			
	E8a030	· PIN, cotter	1			



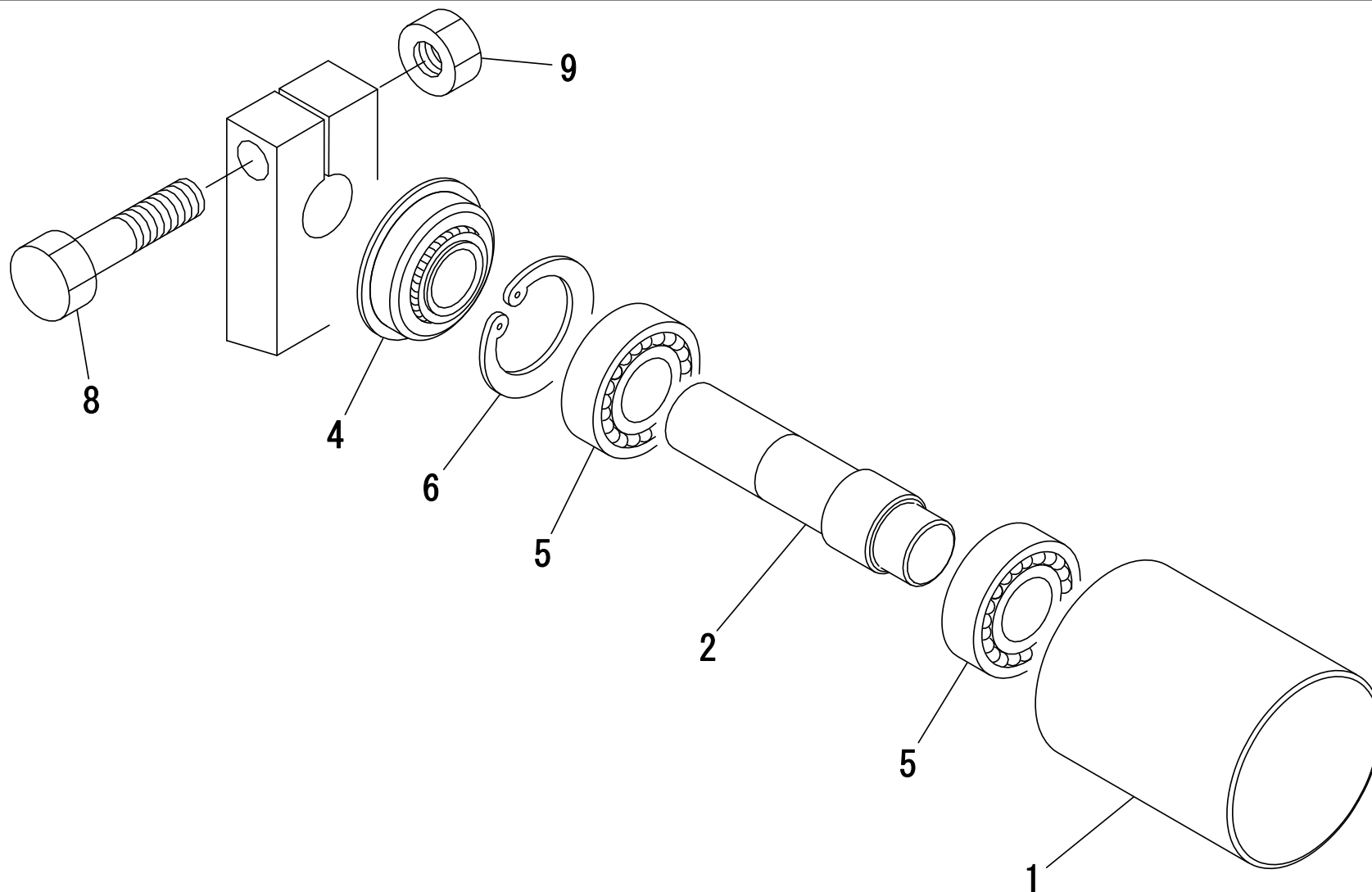
E8A040

Reference E8A040

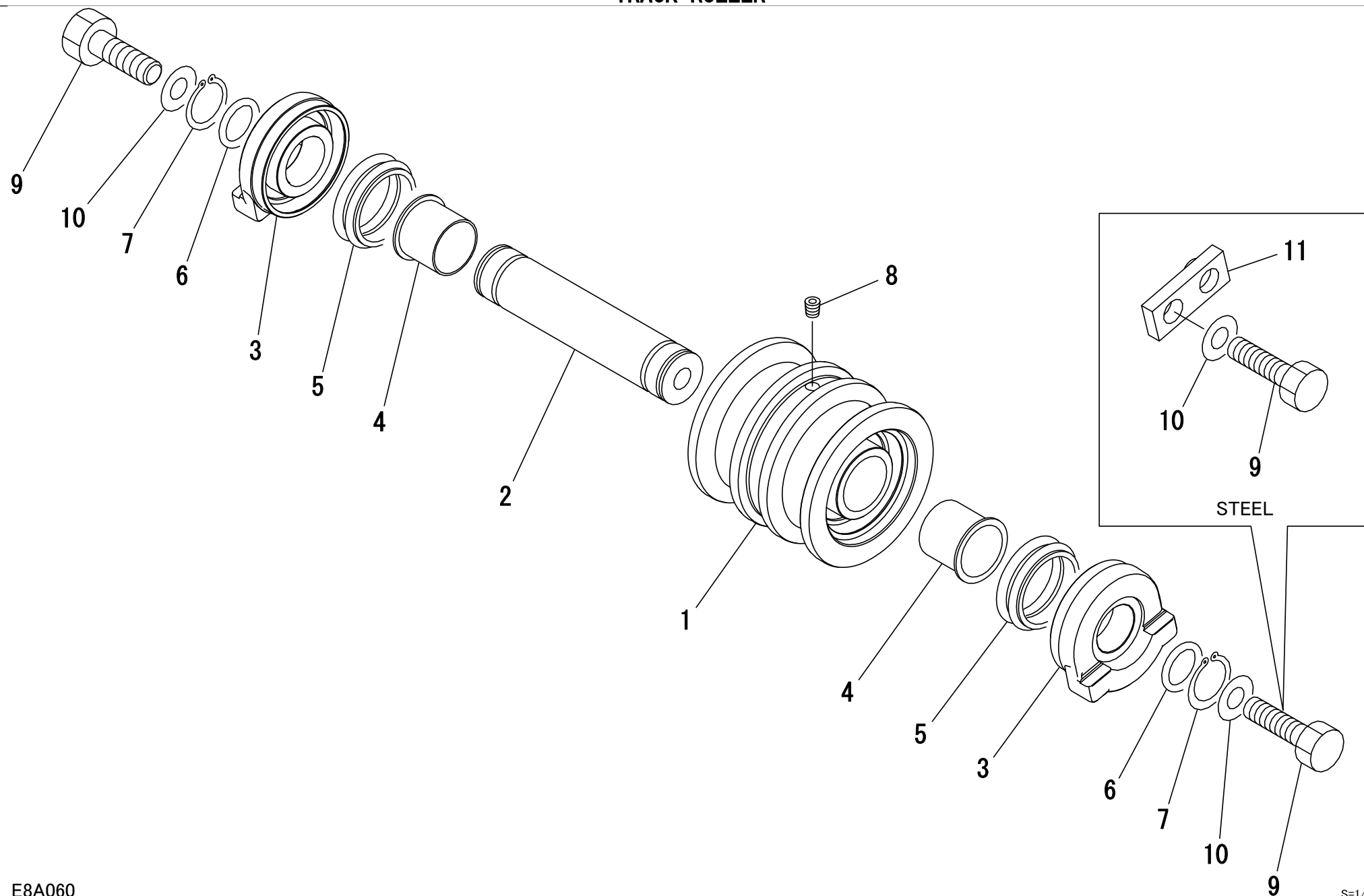
S=1/8

ページ 1-4

CRAWLER GUIDE (for steel crawler)						
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
1	0371700003	GUIDE ASSY, crawler	2			
2	0371700004	PLATE (R. H.)	2			
3	1101041225	PLATE (L. H.)	2			
4	1101041225	BOLT	8			
5	1140020012	WASHER, spring	8			
	1141110012	WASHER	8			
	E8a040					



CARRIER ROLLER						
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
0-1	0371200500	ROLLER ASSY, carrier	2			
1	0371200510	· ROLLER SUB ASSY	1			
2	0371200520	· SHAFT	1			
4	1431202552	· SEAL	1			
5	1300006205	· BEARING	2			
6	1221000052	· RING, snap	1			
8	1100041060	BOLT	2			
9	1130040010	NUT	2			
	E8a050					



E8A060

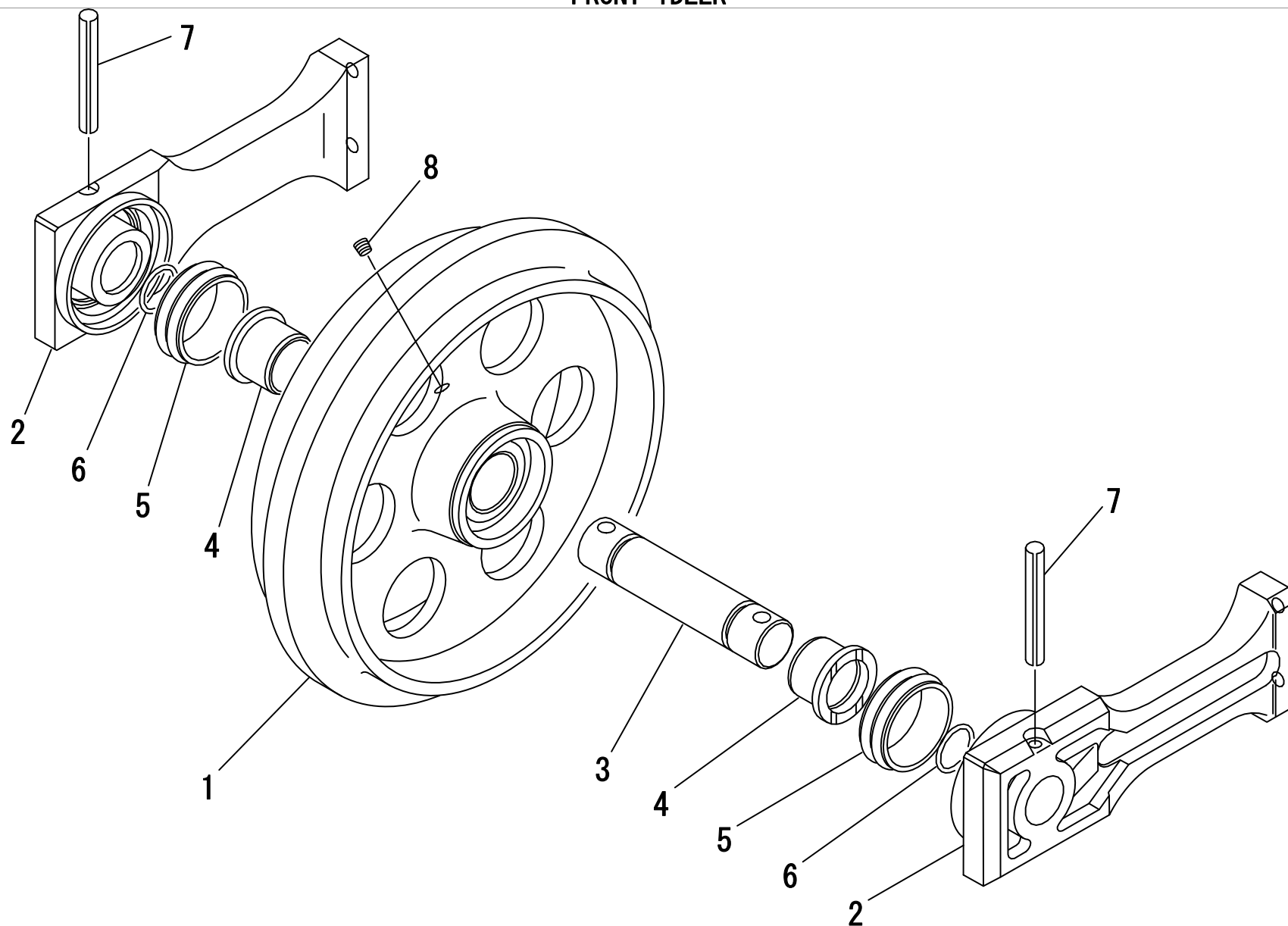
Reference E8A060

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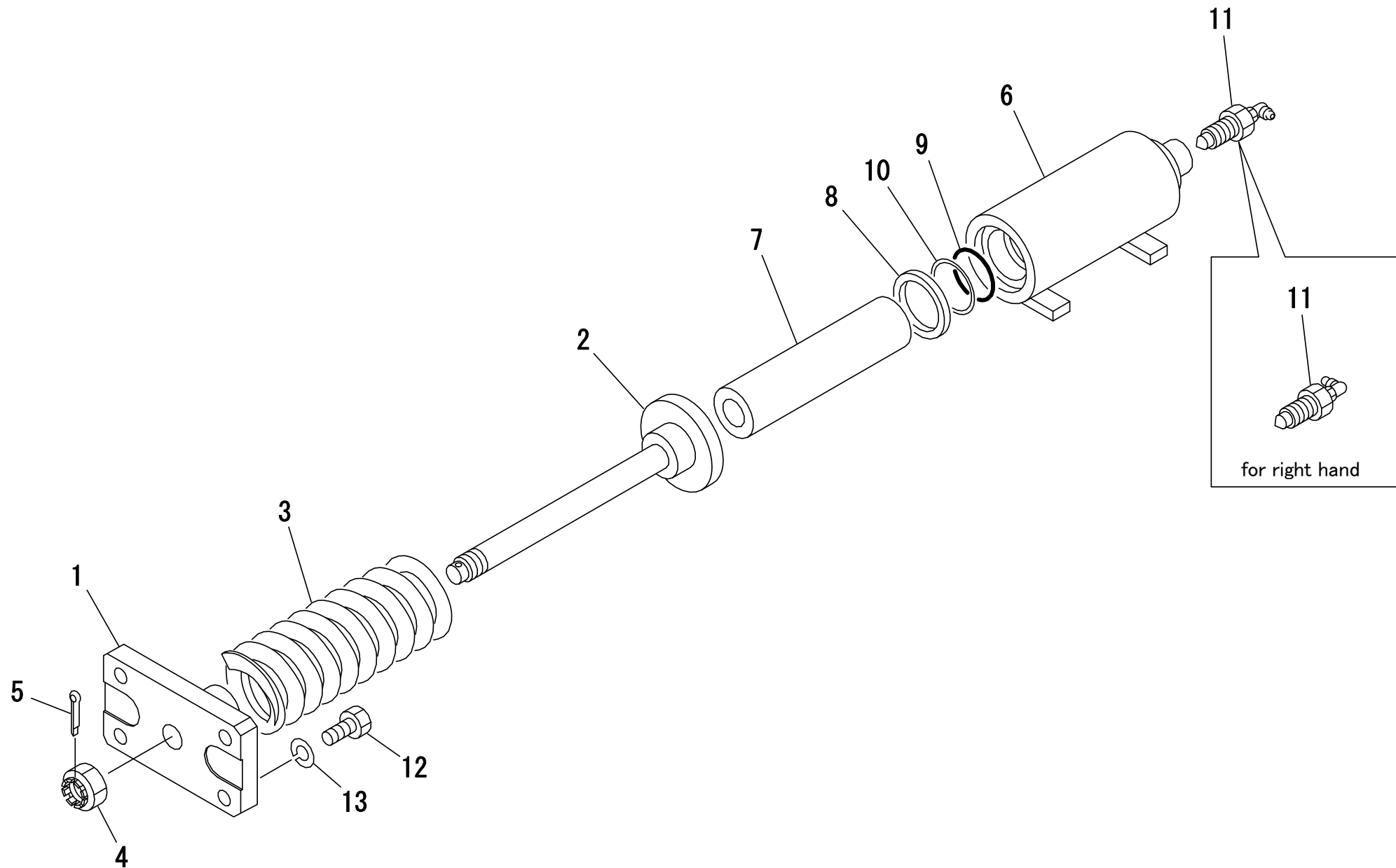
1-6

TRACK ROLLER						
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
		ROLLER ASSY, track (rubber crawler)				
		ROLLER ASSY, track (steel crawler)				
0-1	0371300005	ROLLER SUB ASSY, track	6			
1	0371300006	• ROLLER	1			
2	0371300003	• SHAFT	1			
3	0371300008	• COVER	2			
4	1333073535	• BUSHING	2			
5	1432500561	• SEAL, floating	2			
6	1420100300	• O-RING	2			
7	1220000035	• RETAINER	2			
8	1501820001	• PLUG	1			
9	1101041440	BOLT	12			rubber crawler
	1101041450	BOLT	12			steel crawler
10	1141550014	WASHER	12			
11	0351300003	STOPPER	12			steel crawler
	E8a060					

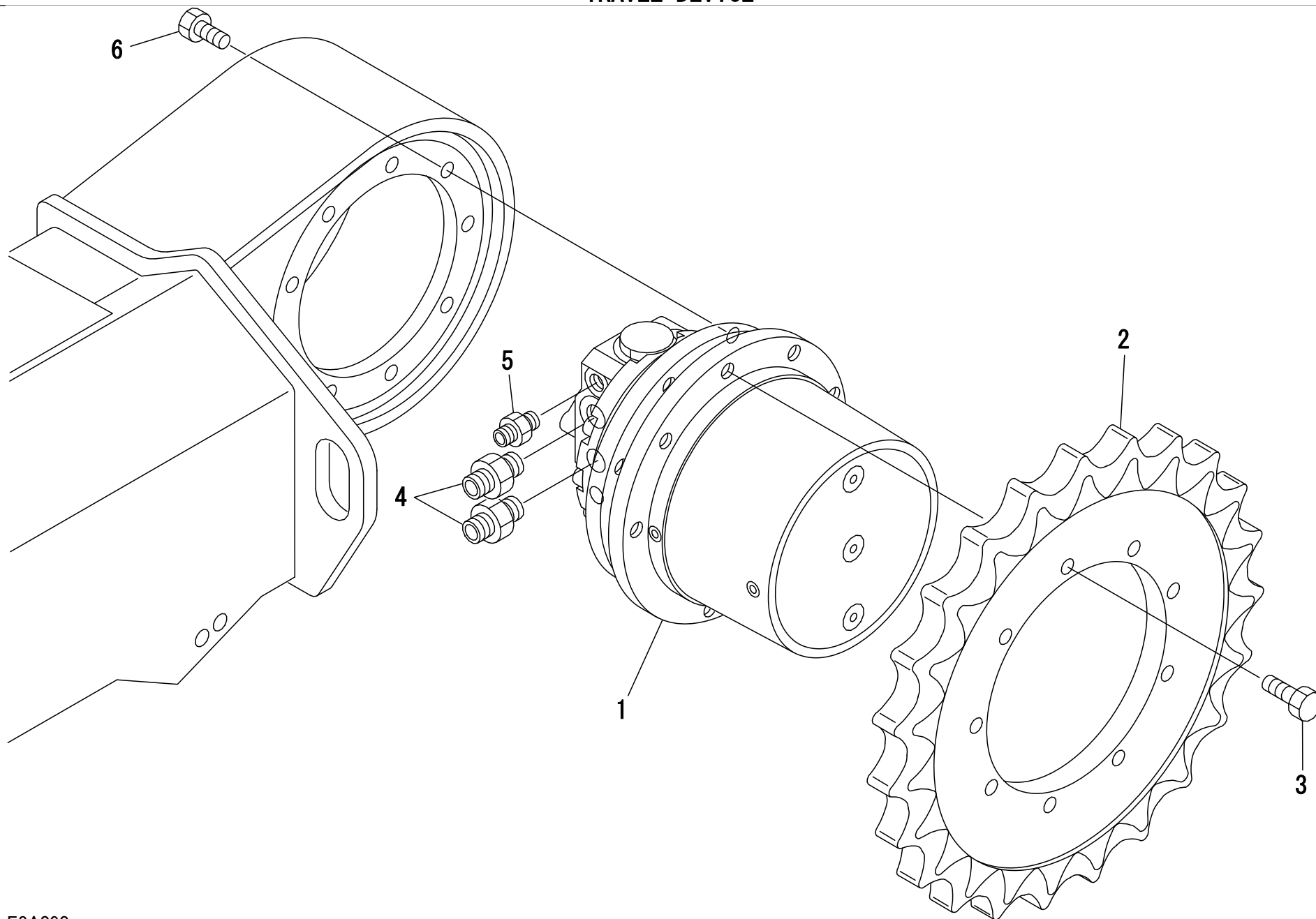


FRONT IDLER

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		IDLER ASSY, front (rubber crawler)					
		IDLER ASSY, front (steel crawler)					
0-1	0371400002	IDLER SUB ASSY, front	2				
1	0371400100	• IDLER	1				
2	0371400200	• BLOCK	2				
3	0371400300	• SHAFT	1				
4	1333064039	• BUSHING	2				
5	1432500640	• SEAL, floating	2				
6	1420100350	• O-RING	2				
7	1213000885	• PIN, spring	2				
8	1501820001	• PLUG	1				
	E8a070						

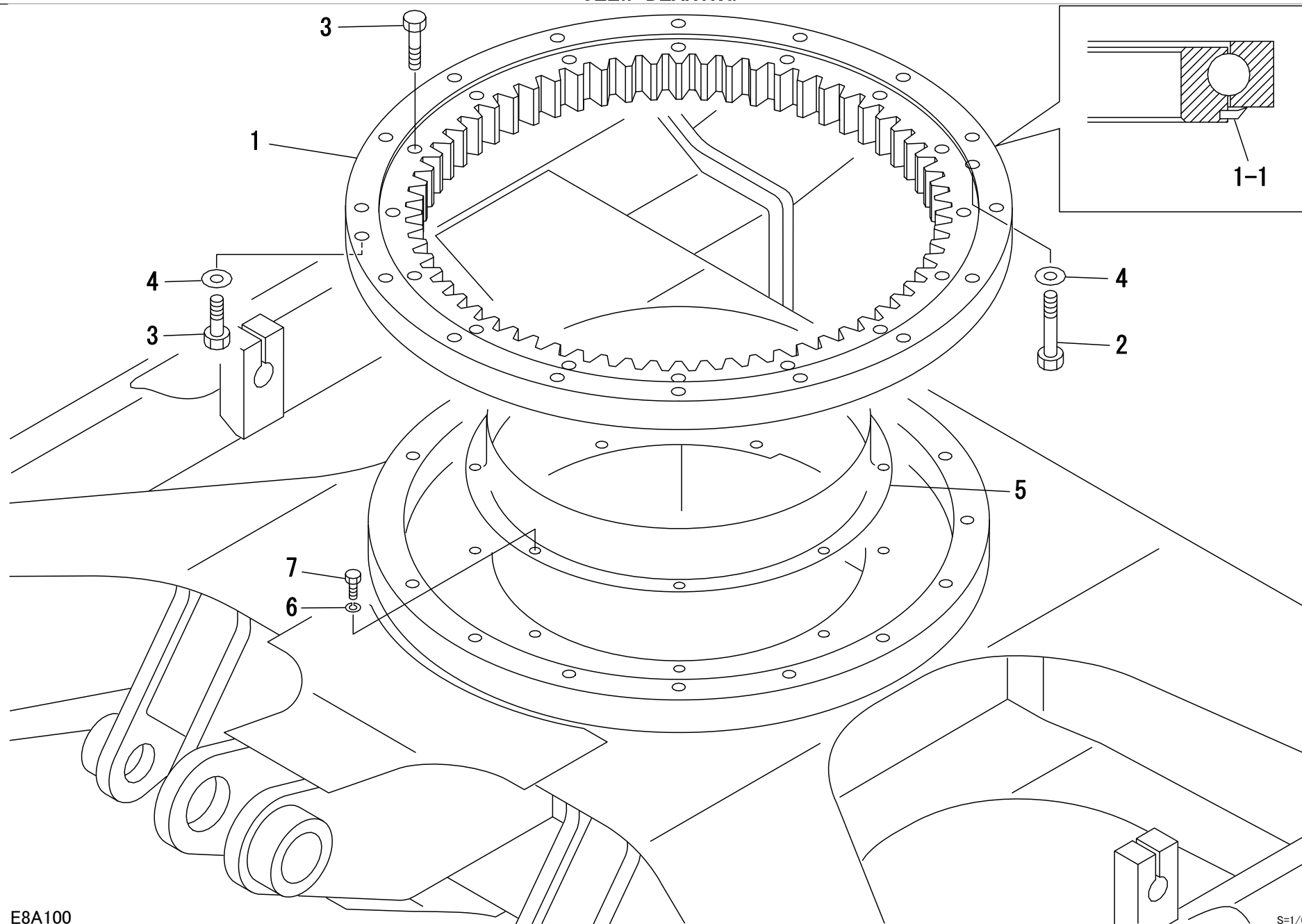


TRACK ADJUSTER					
Item	Part number	Description	Q'ty	Chan.	Serial No. Serv. Remarks
		SPRING ASSY (rubber crawler)			
		SPRING ASSY (steel crawler)			
0-1	0351505600	SPRING SUB ASSY	2		
1	0371504510	· PLATE	1		
2	0351505620	· ROD	1		
3	0161506100	· SPRING	1		
4	1132530020	· NUT	1		
5	1210000440	· PIN, split	1		
0-2	0351500006	CYLINDER ASSY, grease (L.H.)	1		
0-3	0351500007	CYLINDER ASSY, grease (R.H.)	1		
6	0351500009	· CYLINDER, grease	1		
7	0351500010	· PISTON	1		
8	1400402340	· SEAL, oil	1		
9	1422010400	· O-RING	1		
10	1421020400	· RING, back-up	1		
11	1541301604	· VALVE, check	1		
12	1101041240	BOLT	8		
13	1140020012	WASHER, spring	8		
	E8a080				



TRAVEL DEVICE

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	1903124900	MOTOR ASSY, travel	2				
2	0351608210	MOTOR, travel	2				
3	1100041230	SPROCKET	2				
4	1515600577	BOLT	18				
	1420010180	ADAPTOR	4				
	1515600200	· O-RING	1				
5	1420010110	ADAPTOR	2				
	1100041225	· O-RING	1				
6	E8a090	BOLT	18				



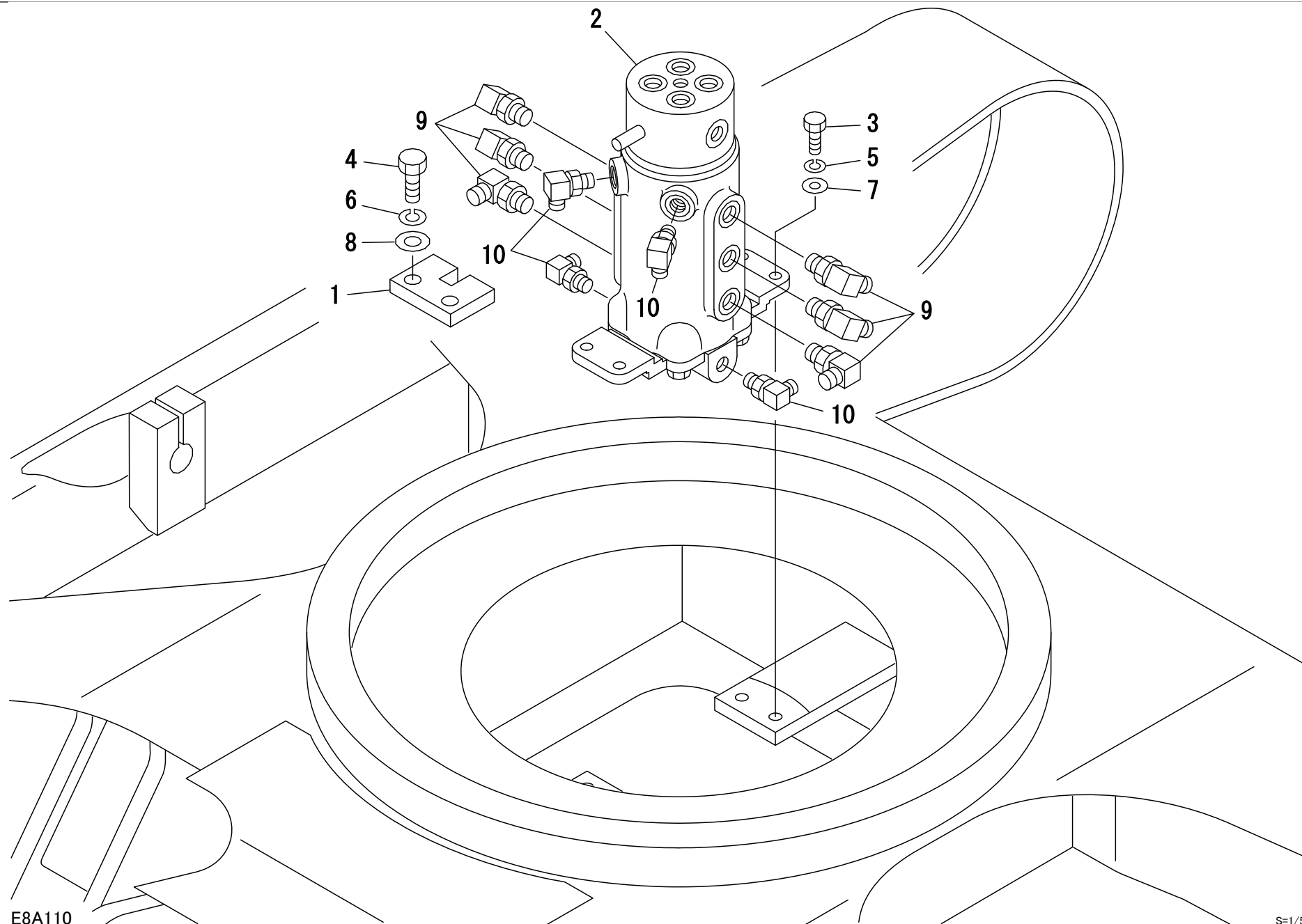
E8A100

Reference E8A100

S=1/6

SLEW BEARING

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	1913003650	BEARING ASSY, slew	1				
1-1	1913003659	BEARING	1				
2	0352000100	· SEAL	1				
3	1101051265	BOLT	1				
4	1141550012	BOLT	31				
5	0432300100	WASHER	16				
6	1140020008	BATH, grease	1				
7	1100040816	WASHER, spring	8				
	E8a100	BOLT	8				



E8A110

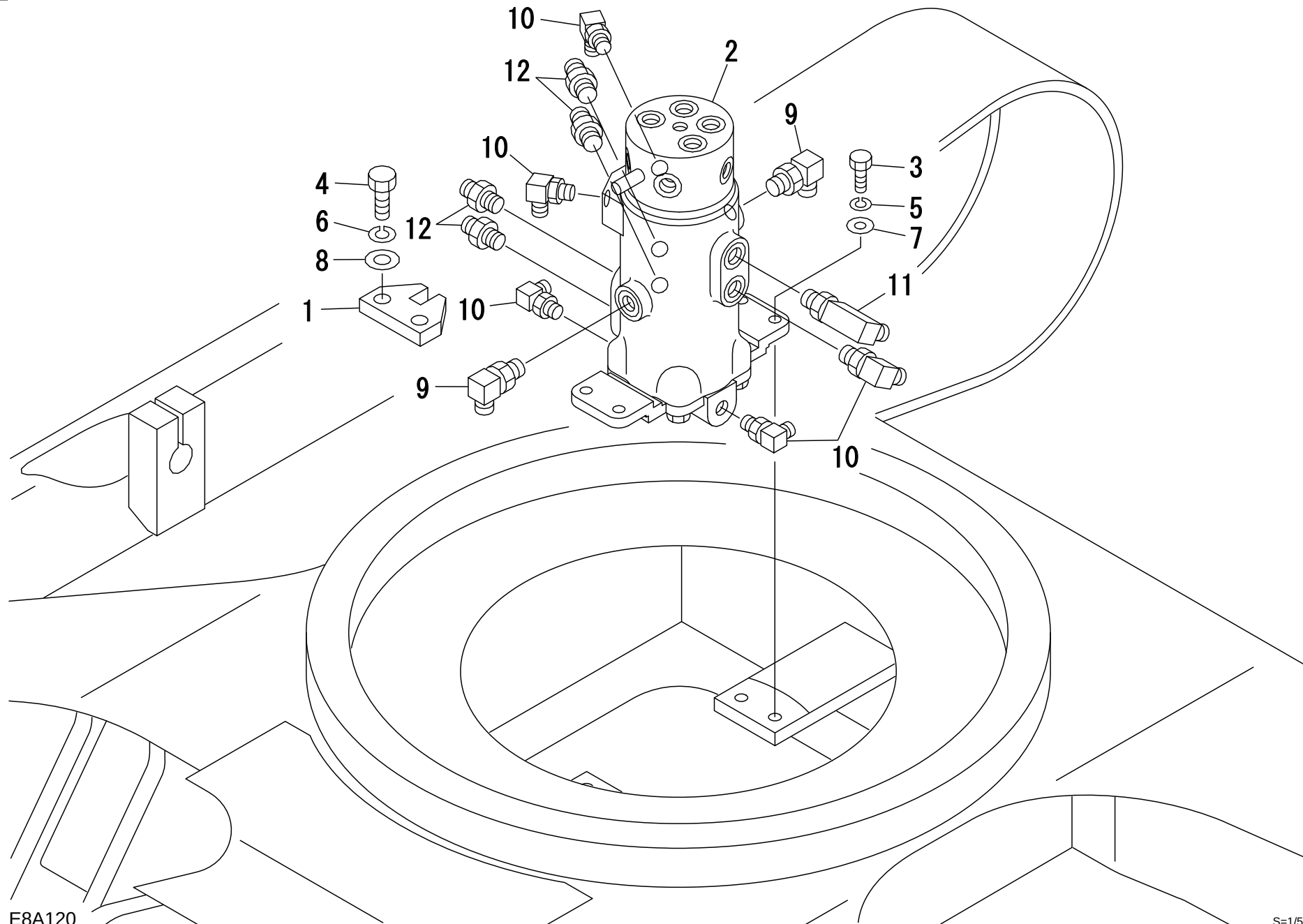
Reference E8A110

S=1/5

SWIVEL JOINT & ACCESSORIES

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		JOINT ASSY, swivel					
1	0072100100	COLLAR	1				
2	1904008600	JOINT, swivel	1				
3	1100041025	BOLT	4				
4	1101041230	BOLT	2				
5	1140020010	WASHER, spring	4				
6	1140020012	WASHER, spring	2				
7	1141110010	WASHER	4				
8	1141110012	WASHER	2				
9	1515010041	ELBOW	6				
	1420010140	· O-RING	1				
10	1515012040	ELBOW	4				
	1420010110	· O-RING	1				
	E8a110						

TB230 [P-TB230_F-XC] Book No. BE8Z000-0-B S/N 130000003-
SWIVEL JOINT & ACCESSORIES (angle blade type)



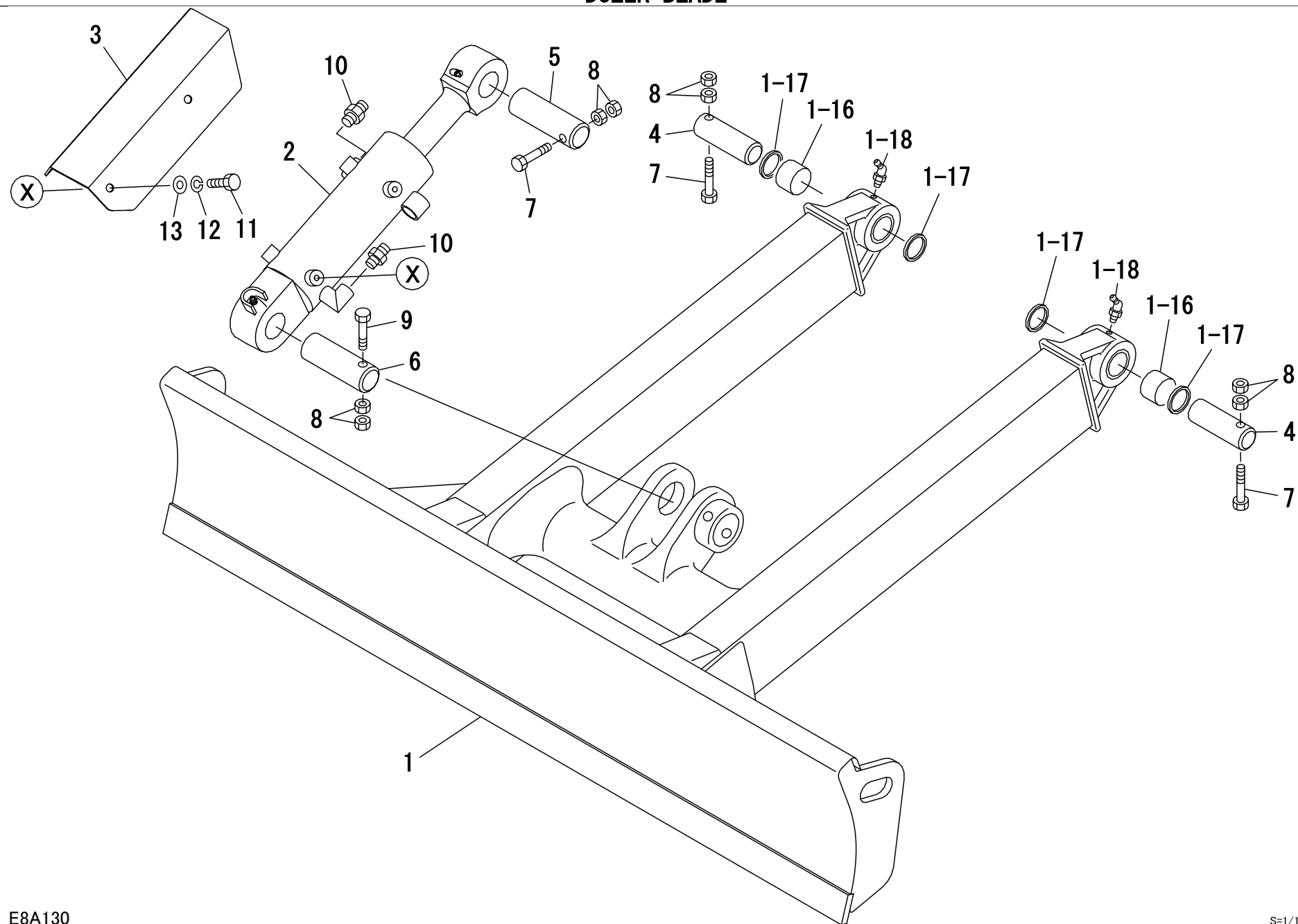
E8A120

Reference E8A120

S=1/5

SWIVEL JOINT & ACCESSORIES (angle blade type)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	0372101210	JOINT ASSY, swivel	1				
2	1904008700	COLLAR	1				
3	1100041025	JOINT, swivel	1				
4	1101041230	BOLT	4				
5	1140020010	BOLT	2				
6	1140020012	WASHER, spring	4				
7	1141110010	WASHER, spring	2				
8	1141110012	WASHER	4				
9	1515010130	WASHER	2				
	1420010110	ELBOW	2				
	1515012040	· O-RING	1				
10	1420010110	ELBOW	5				
	1515012510	· O-RING	1				
11	1420010110	ELBOW	1				
	1515600201	· O-RING	1				
12	1420010140	ADAPTOR	4				
	E8a120	· O-RING	1				



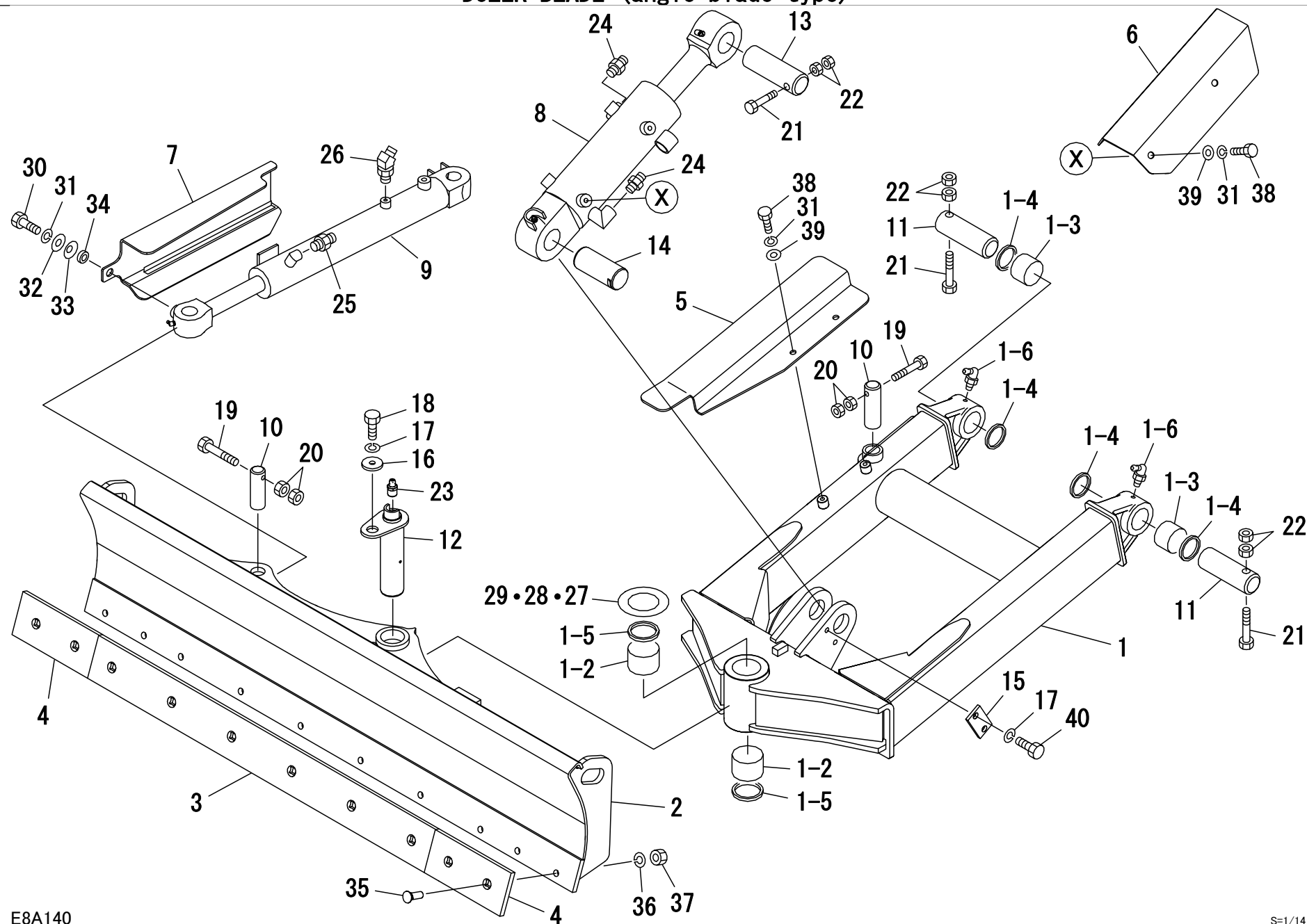
E8A130

Reference E8A130

S=1/10

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DOZER BLADE						
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
1	0356308100	BLADE ASSY, dozer	1			
1-16	0436312300	BLADE, dozer	2			
1-17	1432200040	· BUSHING	4			
1-18	1560001900	· SEAL, dust	2			
2	1900118900	· FITTING, grease	1			
3	0356300016	CYLINDER, dozer blade	1			
4	0001613003	COVER	2			
5	0001614007	PIN	1			
6	0001604145	PIN	3			
7	1100041085	PIN	8			
8	1130040010	BOLT	1			
9	1100041095	NUT	2			
10	1515600201	BOLT	1			
	1420010140	ADAPTOR	4			
11	1100041020	· O-RING	4			
12	1140020010	BOLT	4			
13	1141110010	WASHER, spring	4			
	E8a130	WASHER				



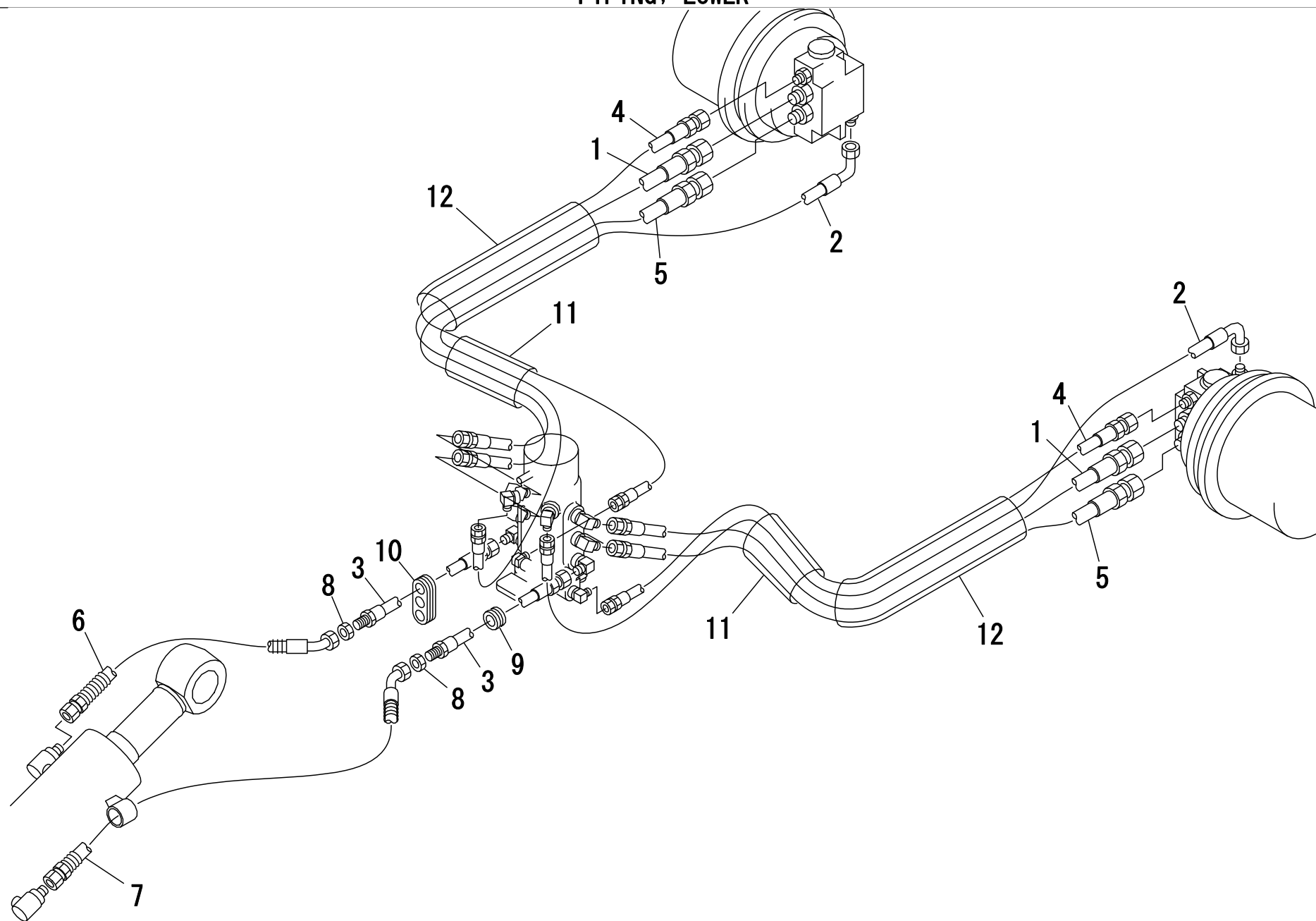
E8A140

Reference E8A140

S=1/14

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Item	Part number	Description	Q'ty	Chan.	Serial No.	DOZER BLADE (angle blade type)	
						Serv.	Remarks
1	0356300003	BLADE ASSY, dozer	1				
1-2	0002400025	ARM, dozer blade	2				
1-3	0436312300	· BUSHING	2				
1-4	1432200040	· SEAL, dust	4				
1-5	1432200050	· SEAL, dust	2				
1-6	1560001900	· FITTING, grease	2				
2	0356300005	BLADE, dozer	1				
3	0556300005	EDGE	1				
4	0356300015	EDGE	2				
5	0376300046	COVER	1				
6	0356300016	COVER	1				
7	0356300017	COVER	1				
8	1900118900	CYLINDER, dozer blade	1				
9	1900102300	CYLINDER, angle	1				
10	0001611003	PIN	2				
11	0001613003	PIN	2				
12	0376300021	PIN	1				
13	0001614007	PIN	1				
14	0011694006	PIN	1				
15	0433105700	PLATE	1				
16	0003600120	WASHER	1				
17	1140020012	WASHER, spring	3				
18	1101041225	BOLT	1				
19	1100040860	BOLT	2				
20	1130040008	NUT	4				
21	1100041085	BOLT	3				
22	1130040010	NUT	6				
23	1560001000	FITTING, grease	1				
24	1515600201	ADAPTOR	2				
	1420010140	· O-RING	1				
25	1515600200	ADAPTOR	1				
	1420010110	· O-RING	1				
26	1515100110	ELBOW	1				
	1420010110	· O-RING	1				
27	0003600060	SHIM	AR			M	t=0. 2mm
28	0003600061	SHIM	AR			M	t=0. 5mm
29	0003600265	SHIM	AR			M	t=1. 0mm
30	1100041016	BOLT	1				
31	1140020010	WASHER, spring	7				
32	0003610002	WASHER	1				
33	1225120018	WASHER, conical	1				
34	0003600228	COLLAR	1				
35	1112340832	BOLT	10				
36	1140210008	WASHER, spring	10				
37	1132940819	NUT	10				
38	1100041020	BOLT	6				
39	1141110010	WASHER	6				
40	1101041220	BOLT	2				
	E8a140						



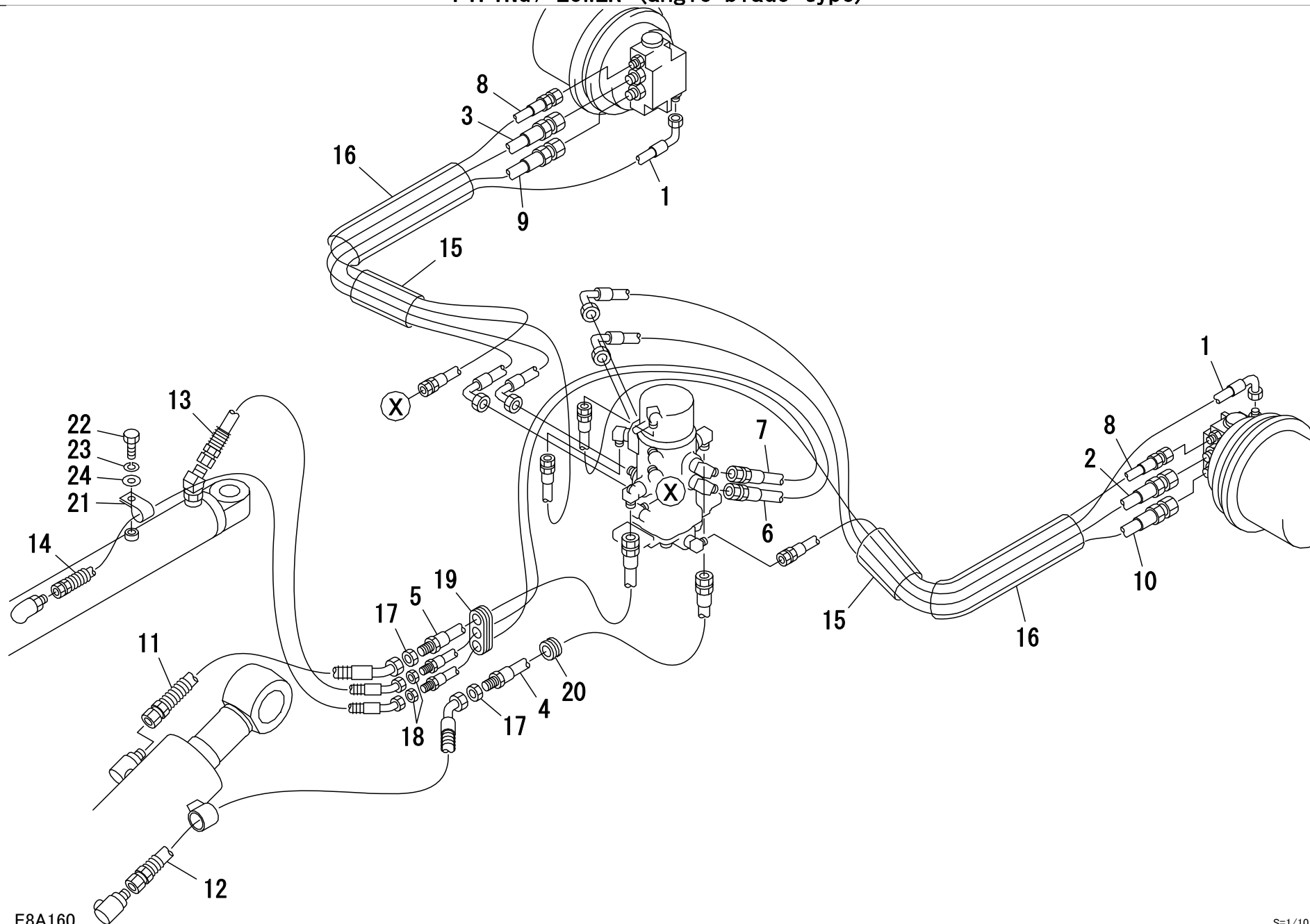
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Reference E7A090

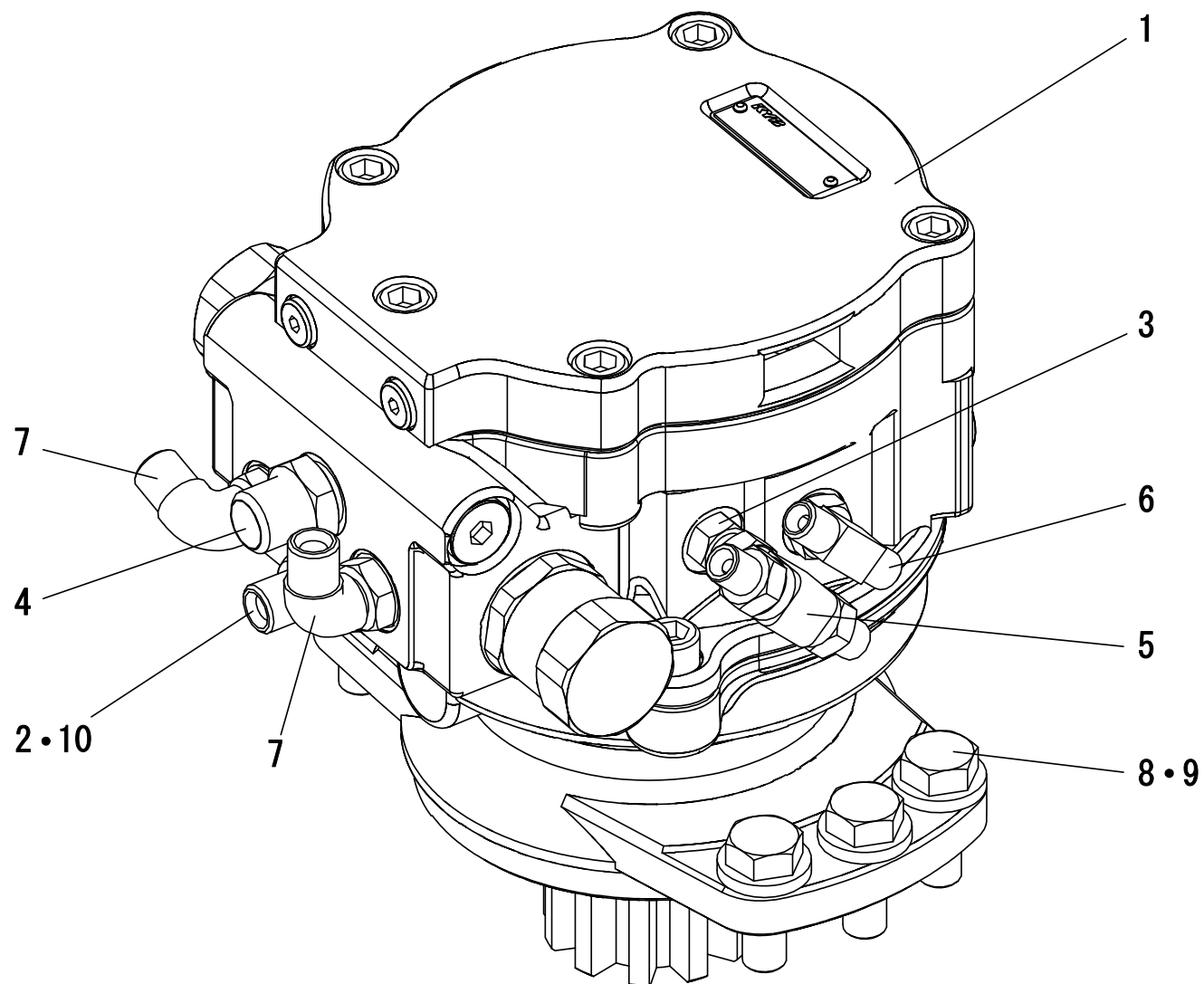
S=1/10

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Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	PIPING; LOWER
							Remarks
		PIPING ASSY, lower					
1	0357208010	HOSE ASSY	2				18015-20096
2	0357208020	HOSE ASSY	2				18010-52124
3	0357208230	HOSE ASSY	2				
4	1801022096	HOSE ASSY	2				
5	1801520096	HOSE ASSY	2				
6	1801627050	HOSE ASSY	1				
7	1801627070	HOSE ASSY	1				
8	0007200154	NUT	2				
9	0437200100	GUARD	1				
10	0097022400	GUARD	1				
11	1531350015	PROTECTOR	2				sold by the meter
12	1531350040	PROTECTOR	2				sold by the meter
	E8a150						



PIPING; LOWER (angle blade type)						
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
		PIPING ASSY, lower	1			
1	0357208510	HOSE ASSY	2			18010-52116
2	0357208530	HOSE ASSY	1			18015-21110
3	0357208540	HOSE ASSY	1			18015-21098
4	0377211350	HOSE ASSY	1			
5	0377211360	HOSE ASSY	1			
6	0377211370	HOSE ASSY	1			
7	0377211380	HOSE ASSY	1			
8	1801022100	HOSE ASSY	2			
9	1801521098	HOSE ASSY	1			
10	1801521110	HOSE ASSY	1			
11	1801627050	HOSE ASSY	1			
12	1801627070	HOSE ASSY	1			
13	0357208550	HOSE ASSY	1			
14	0357208560	HOSE ASSY	1			
15	1531350015	PROTECTOR	2			sold by the meter
16	1531350040	PROTECTOR	2			sold by the meter
17	0007200154	NUT	2			
18	0007200227	NUT	2			
19	0097022400	GUARD	1			
20	0437200100	GUARD	1			
21	0007300050	CLAMP	1			
22	1100040816	BOLT	1			
23	1140020008	WASHER, spring	1			
24	1141110008	WASHER	1			
	E8a160					

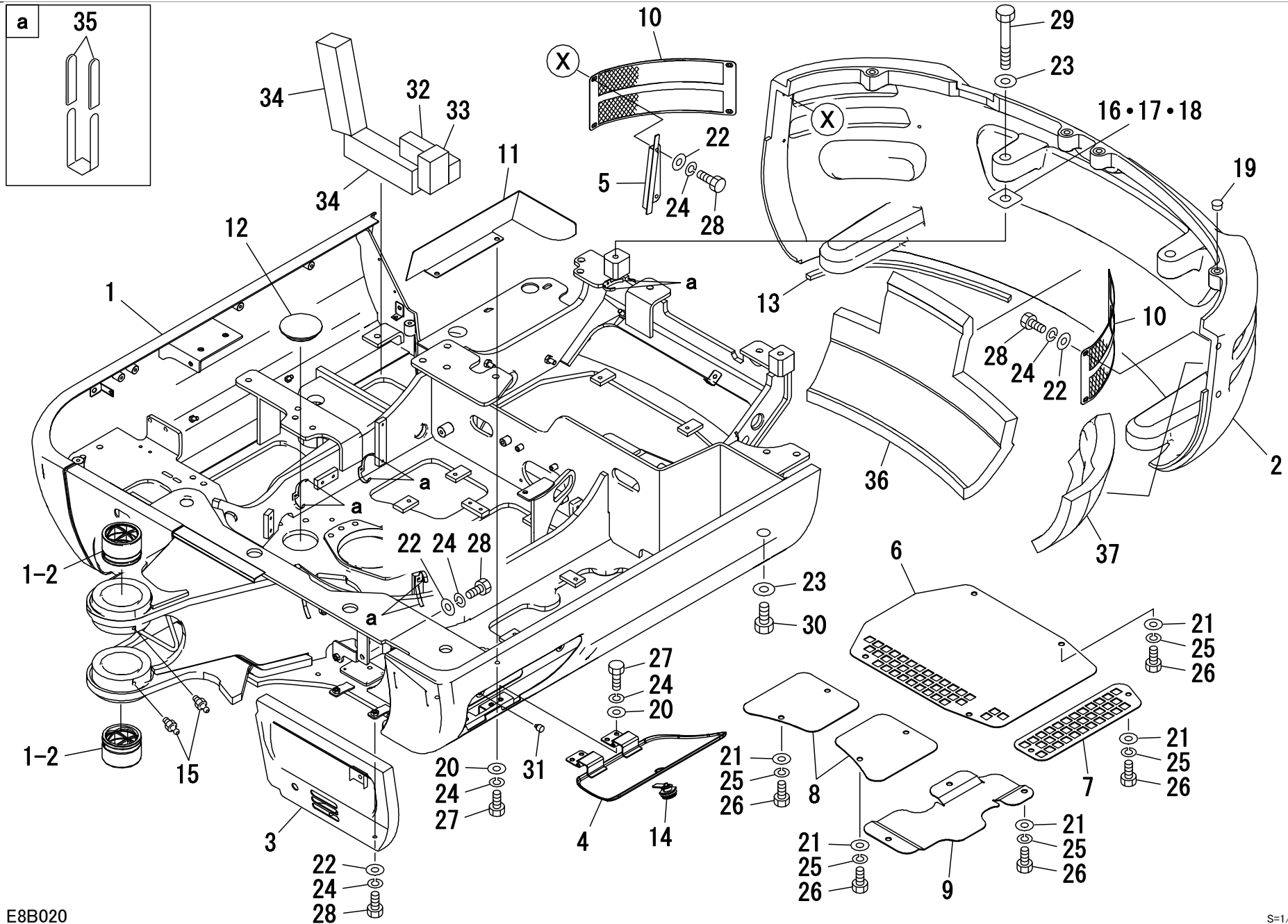


E8B010

S=1/3

SLEWING DEVICE

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		DEVICE ASSY, slewing					
1	1903128000	MOTOR, slew	1				
2	1515600201	ADAPTOR	1				
3	1515600200	ADAPTOR	1				
	1420010110	· O-RING	1				
4	0007203063	ADAPTOR	1				
5	1901754100	VALVE, shuttle	1				
6	1512370010	ADAPTOR	1				
	1420010110	· O-RING	1				
7	1515012041	ELBOW	2				
	1420010140	· O-RING	1				
8	1101041440	BOLT	6				
9	1141550014	WASHER	6				
10	1420010140	O-RING	1				
	E8b010						



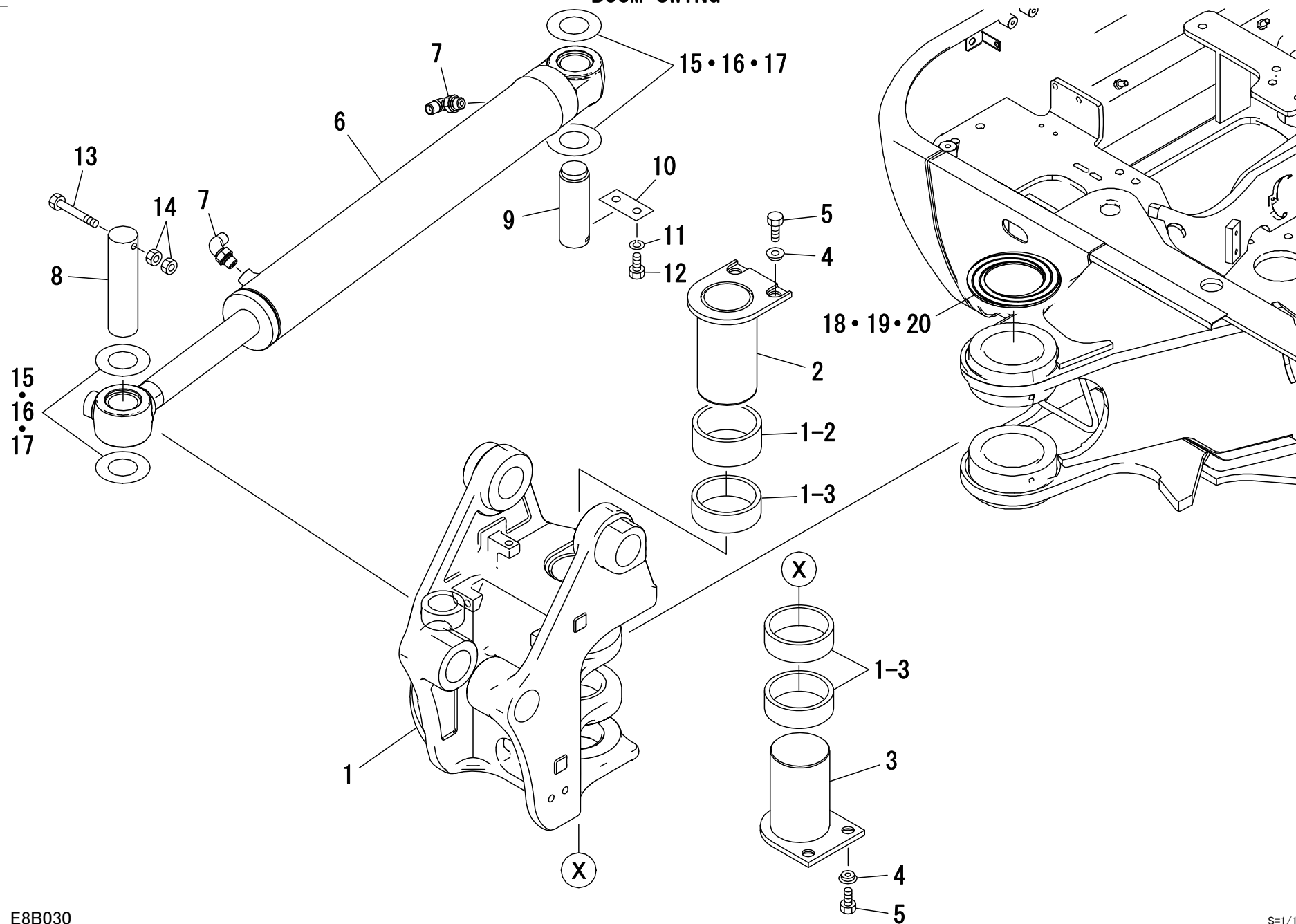
E8B020

Reference E8B020

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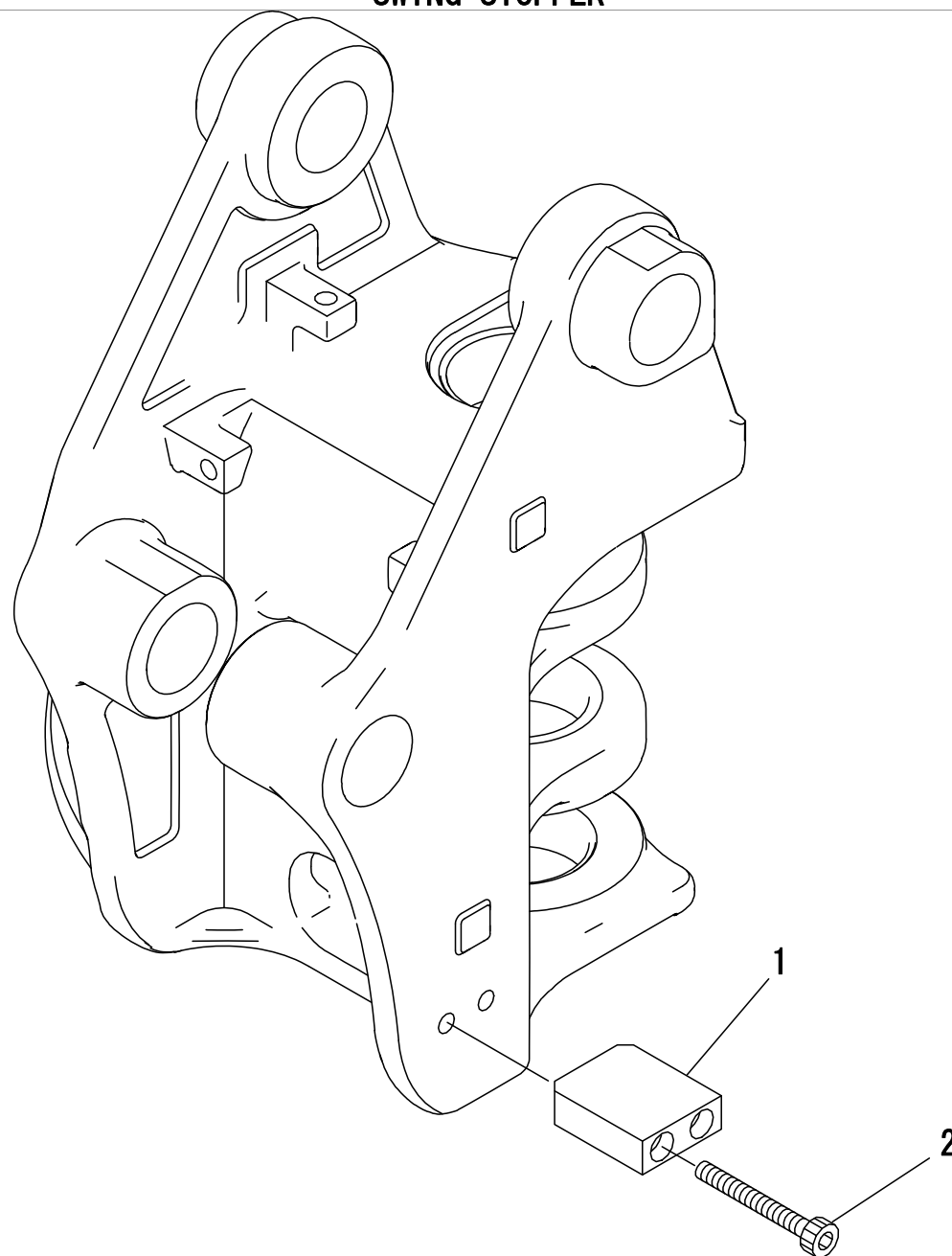
2-2

TURNTABLE						
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
		TURNTABLE ASSY				
1	X *****	TURNTABLE	1			
1-2	0353000091	BUSHING	2			
2	0353000010	COUNTERWEIGHT	1			
3	0353000092	COVER, front	1			
4	0373000218	COVER	1			
5	0353000094	PLATE	1			
6	0353000154	COVER	1			
7	0353000096	COVER	1			
8	0353000097	COVER	2			
9	0353000103	COVER	1			
10	0353000098	NET	2			
11	0353000101	BOX, tool	1			
12	1652030012	GROMMET	1			
13	1654358050	SPONGE	1			sold by the meter
14	1653601395	LOCK	1			
15	1560001000	FITTING, grease	2			
16	0353000117	SHIM	AR			t=0.8mm
17	0353000118	SHIM	AR			t=1.2mm
18	0353000119	SHIM	AR			t=2.0mm
19	1652533017	CAP	2			
20	1141110008	WASHER	6			
21	1141110010	WASHER	13			
22	0003608252	WASHER	11			
23	0353021015	WASHER	4			
24	1140020008	WASHER, spring	17			
25	1140020010	WASHER, spring	13			
26	1100041020	BOLT	13			
27	1100040816	BOLT	6			
28	1100040820	BOLT	11			
29	1101041480	BOLT	2			
30	1101041440	BOLT	2			
31	1652516002	CUSHION, rubber	2			
32	0353000108	SPONGE	1			
33	0353000109	SPONGE	1			
34	0353000111	SPONGE	2			
35	0872433150	TUBE	30			
36	0353000152	ABSORBENT, noise	1			
37	0353000153	ABSORBENT, noise	1			
	E8b020					



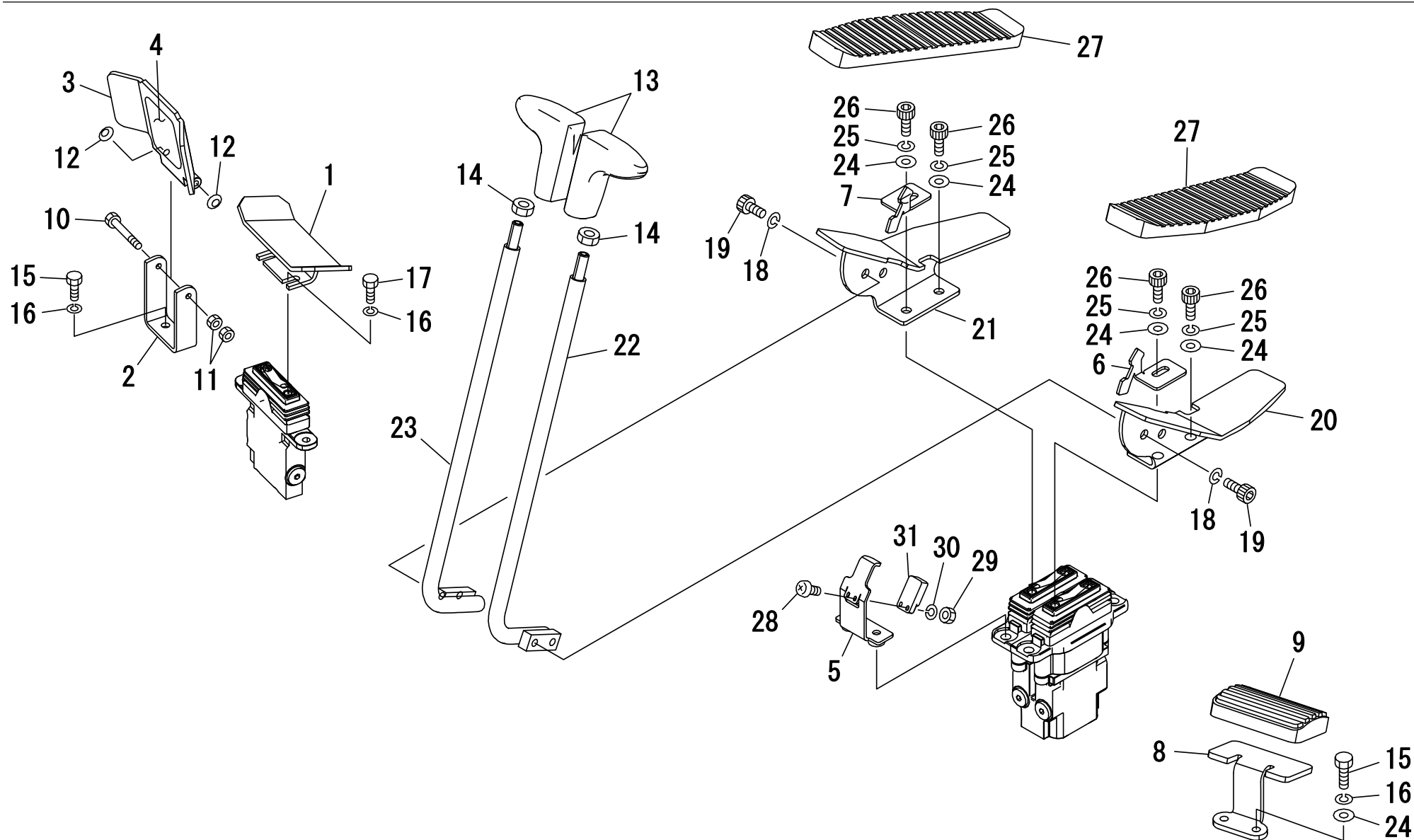
BOOM SWING

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		SWING ASSY, boom					
1	0353100003	BRACKET	1				
1-2	0353116155	· BUSHING	1				
1-3	0353116156	· BUSHING	3				
2	0353117070	PIN	1				
3	0353117080	PIN	1				
4	0003900083	WASHER	4				
5	1100041025	BOLT	4				
6	1900117600	CYLINDER, swing	1				
7	1515010040	ELBOW	2				
	1420010110	· O-RING	1				
8	0001613002	PIN	1				
9	0001693012	PIN	1				
10	0433105700	PLATE	1				
11	1140020012	WASHER, spring	2				
12	1101041225	BOLT	2				
13	1103041080	BOLT	1				
14	1130240010	NUT	2				
15	0436011300	SHIM	AR				t=1. 0mm
16	0003600053	SHIM	AR				t=0. 2mm
17	0003600054	SHIM	AR				t=0. 5mm
18	0353116521	WASHER	AR				t=4. 5mm
19	0353116522	WASHER	AR				t=5. 0mm
20	0353116523	WASHER	AR				t=5. 5mm
	E8b030						



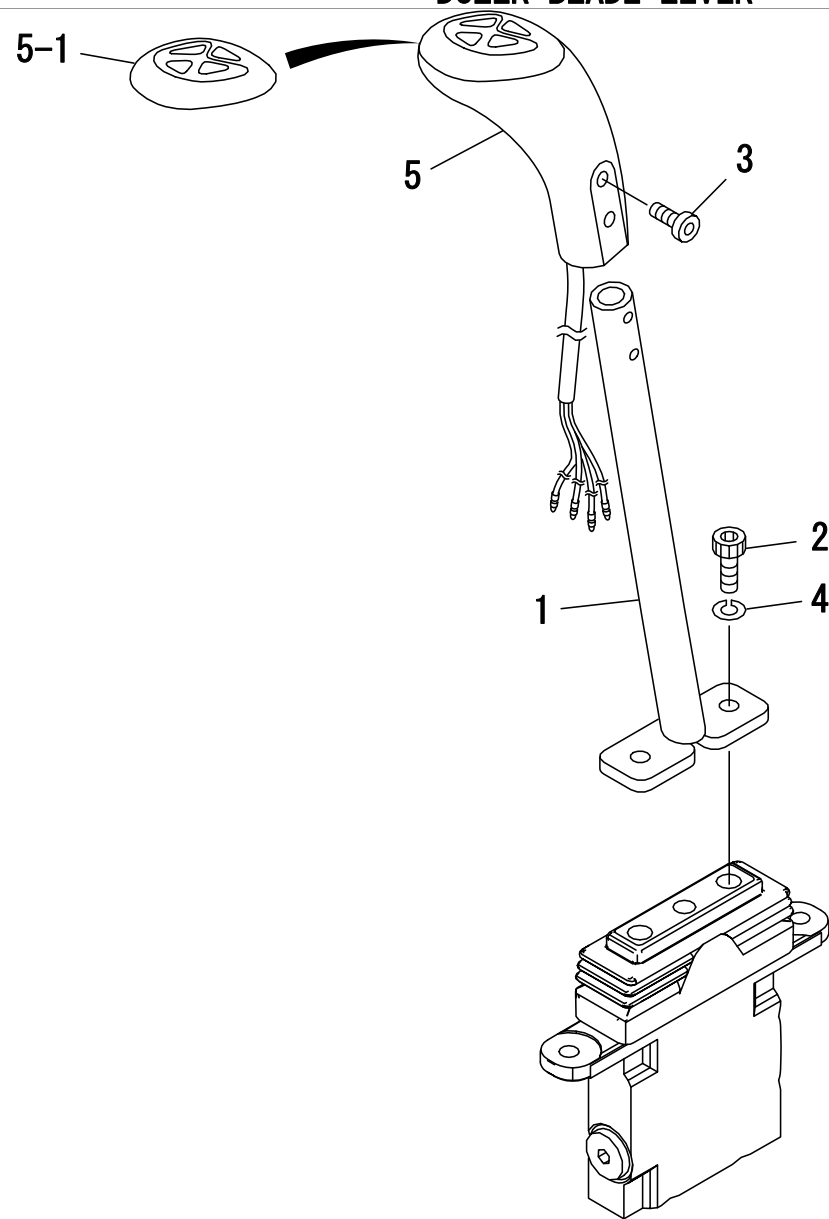
SWING STOPPER

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	0433101300	STOPPER ASSY, swing	1				
2	1111041280	PLATE	2				
	G4b041	SCREW, cap					



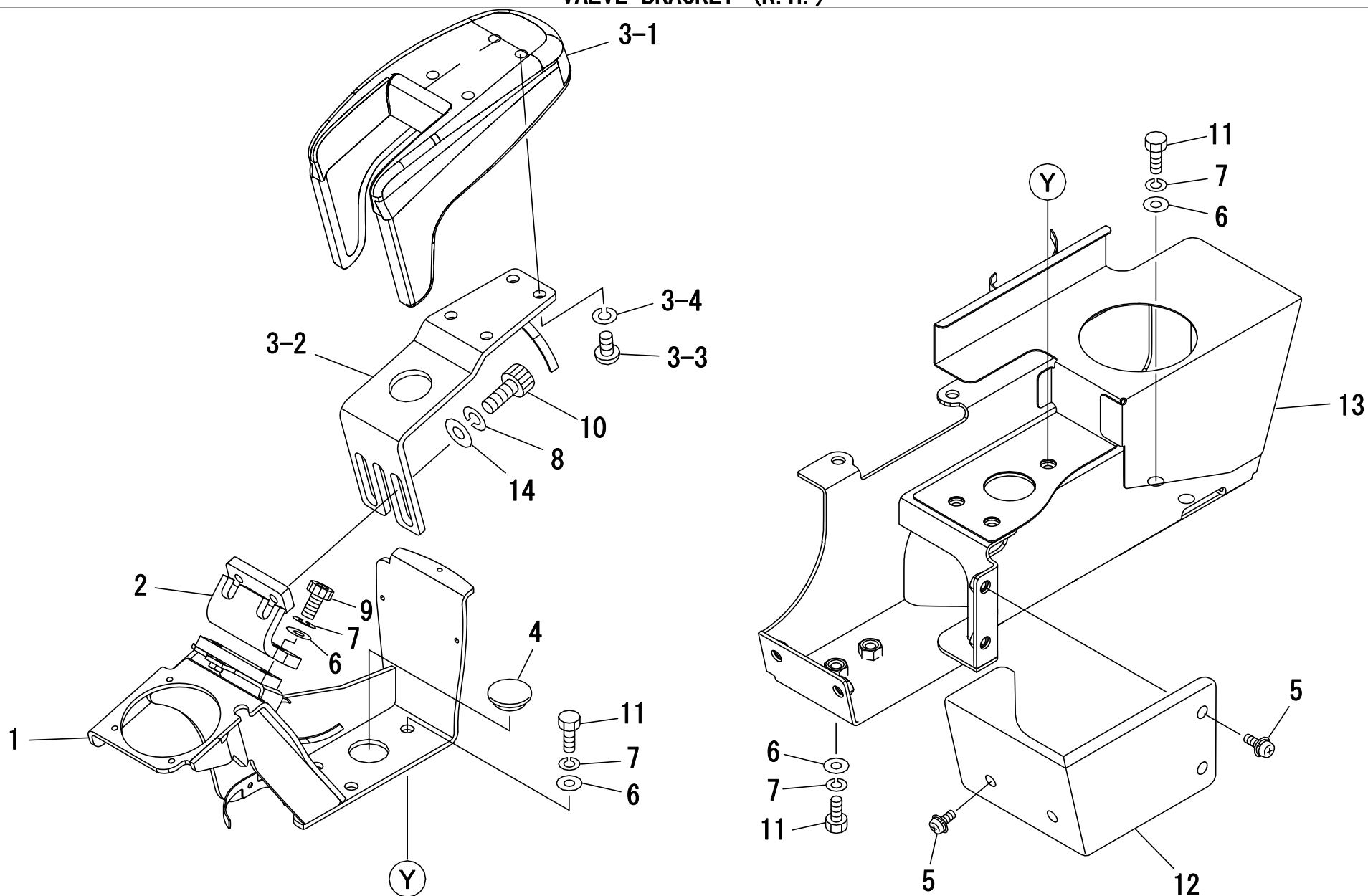
TRAVEL LEVER & SWING PEDAL

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		LEVER ASSY, control					
1	0563228060	PEDAL	1				
2	0563231710	PLATE	1				
3	0333234260	COVER	1				
4	0333241250	SHEET	1				
5	0553200007	COVER	1				
6	0373200004	PLATE (L. H.)	1				
7	0373200005	PLATE (R. H.)	1				
8	0563219700	REST, foot	1				
9	0563218500	COVER	1				
10	1100040680	BOLT	1				
11	1130040006	NUT	2				
12	1225110006	WASHER, conical	2				
13	1650205400	GRIP	2				
14	1131040012	NUT	2				
15	1100040825	BOLT	4				
16	1140020008	WASHER, spring	6				
17	1100040814	BOLT	2				
18	1140420010	WASHER, spring	4				
19	1110041016	SCREW, cap	4				
20	0563200002	PEDAL (L. H.)	1				
21	0563200004	PEDAL (R. H.)	1				
22	0563230860	LEVER (L. H.)	1				
23	0563230850	LEVER (R. H.)	1				
24	1141110008	WASHER	6				
25	1140420008	WASHER, spring	4				
26	1110040816	SCREW, cap	4				
27	0563226200	COVER	2				
28	1120530314	SCREW	2				
29	1130030003	NUT	2				
30	1140020003	WASHER, spring	2				
31	1700009010	SWITCH, proximity	1				
	E8b040						

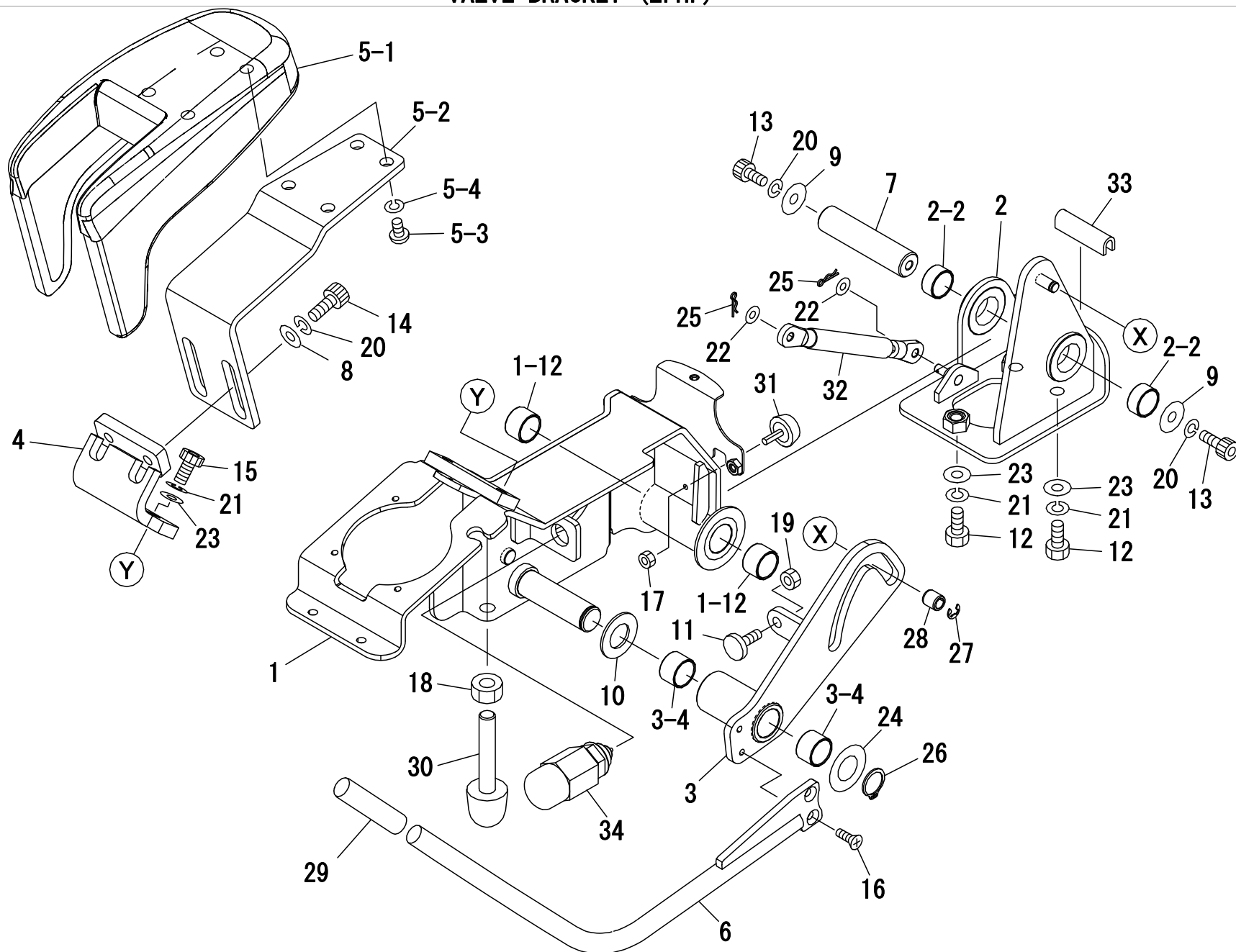


DOZER BLADE LEVER

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	0553300020	LEVER ASSY, blade	1				
2	1110040816	LEVER	1				
3	1111850610	SCREW, cap	2				
4	1140020008	SCREW, cap	2				
5	1140020008	WASHER, spring	2				
5-1	1650204850	GRIP	1				
	1650204851	COVER	1				
	E8b050						

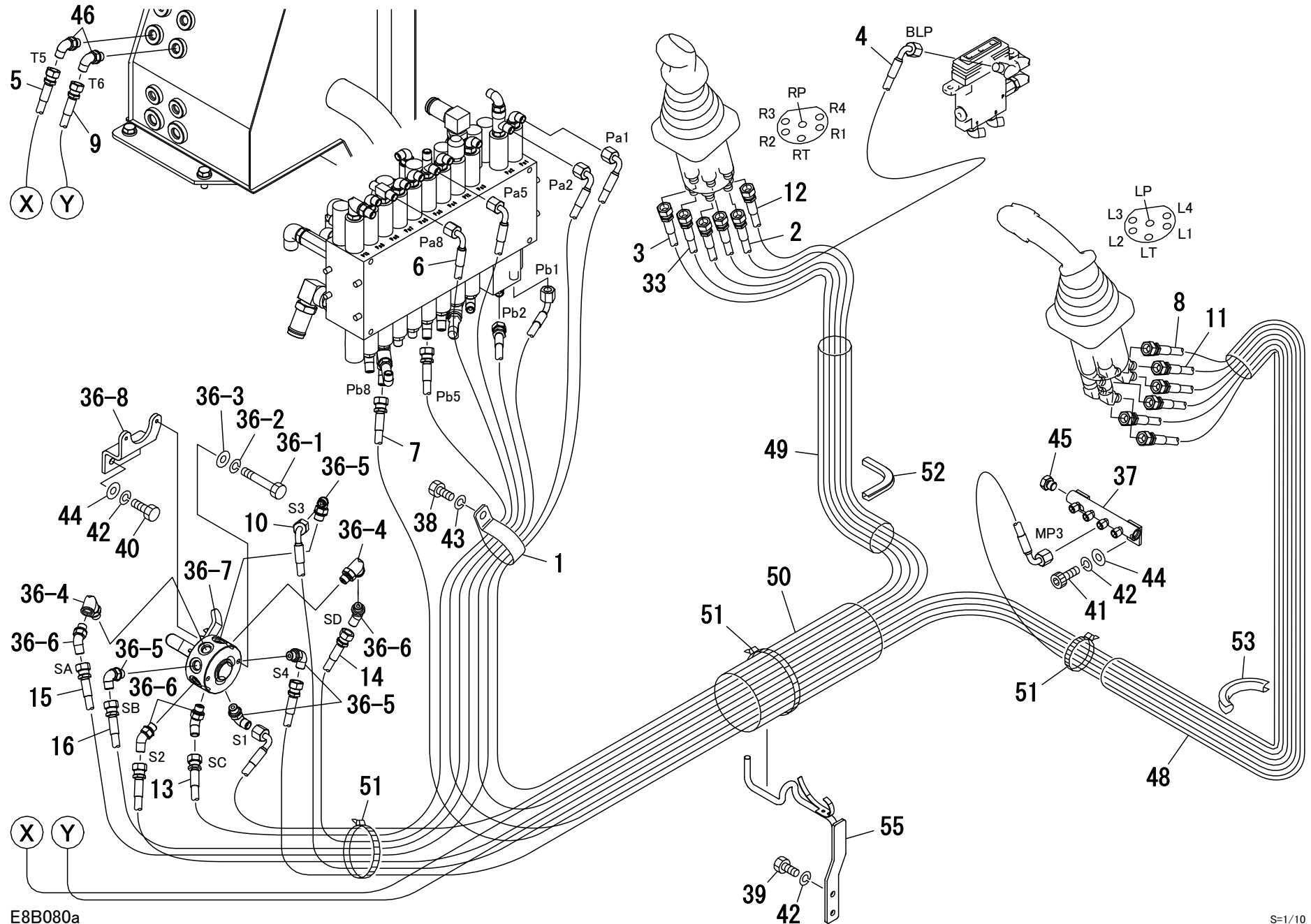


		VALVE BRACKET (R. H.)			
Item	Part number	Description	Q'ty	Chan.	Serial No. Serv. Remarks
1	0375100030	BRACKET ASSY, valve (R. H.)	1		
2	0555100036	BRACKET (R. H.)	1		
3	X *****	PLATE	1		
3-1	0565128840	REST ASSY, arm	1		
3-2	0565127750	· REST, arm	1		
3-3	1120530812	· PLATE	1		
3-4	1140020008	· SCREW	4		
4	1652060031	· WASHER, spring	4		
5	1150420816	BUSHING	1		
6	1141110010	SCREW	4		
7	1140020010	WASHER	9		
8	1140020008	WASHER, spring	9		
9	1110041025	WASHER, spring	2		
10	1110040820	SCREW, cap	2		
11	1100041025	SCREW, cap	2		
12	0555100028	BOLT	7		
13	0375100045	BRACKET	1		
14	0003608252	BRACKET	1		
	E8b060	WASHER	2		



VALVE BRACKET (L. H.)					
Item	Part number	Description	Q'ty	Chan.	Serial No. Serv. Remarks
1	0335100053	BRACKET ASSY, valve (L. H.)	1		
1-12	1333002015	BRACKET (L. H.)	2		
2	0375100021	· BUSHING	1		
2-2	1333002010	BRACKET (L. H.)	2		
3	0335100027	· BUSHING	1		
3-4	1333002015	PLATE	2		
4	0555100036	· BUSHING	1		
5	X *****	PLATE	1		
5-1	0565128840	REST ASSY, arm	1		
5-2	0565129311	· REST, arm	1		
5-3	1120530812	· PLATE	4		
5-4	1140020008	· SCREW	4		
6	0335100031	· WASHER, spring	1		
7	0375100025	LEVER	1		
8	0003608252	SHAFT	2		
9	0003609003	WASHER	2		
10	0093208300	WASHER	1		
11	0335120970	BOLT	1		
12	1100041025	BOLT	3		
13	1110040816	SCREW, cap	2		
14	1110040820	SCREW, cap	2		
15	1110041020	SCREW, cap	2		
16	1120800610	SCREW	2		
17	1130040005	NUT	1		
18	1130040012	NUT	1		
19	1130140010	NUT	1		
20	1140020008	WASHER, spring	4		
21	1140020010	WASHER, spring	5		
22	1141110006	WASHER	2		
23	1141110010	WASHER	5		
24	1141110020	WASHER	1		
25	1214000006	PIN, snap	2		
26	1220000020	RING, retaining	1		
27	1224010006	RING, retaining	1		
28	1314000812	BEARING	1		
29	1650202300	CAP	1		
30	1651101225	STOPPER	1		
31	1652515100	RUBBER, cushion	1		
32	1653900080	SPRING, gas	1		
33	1654629005	TRIM	1		sold by the meter
34	1700000033	SWITCH, limit	1		
	E8b070				

TB230 [P-TB230_F-XC] Book No. BE8Z000-0-B S/N 130000003-
PIPING; OPERATION LEVER (ISO-JCB pattern) (1/2)

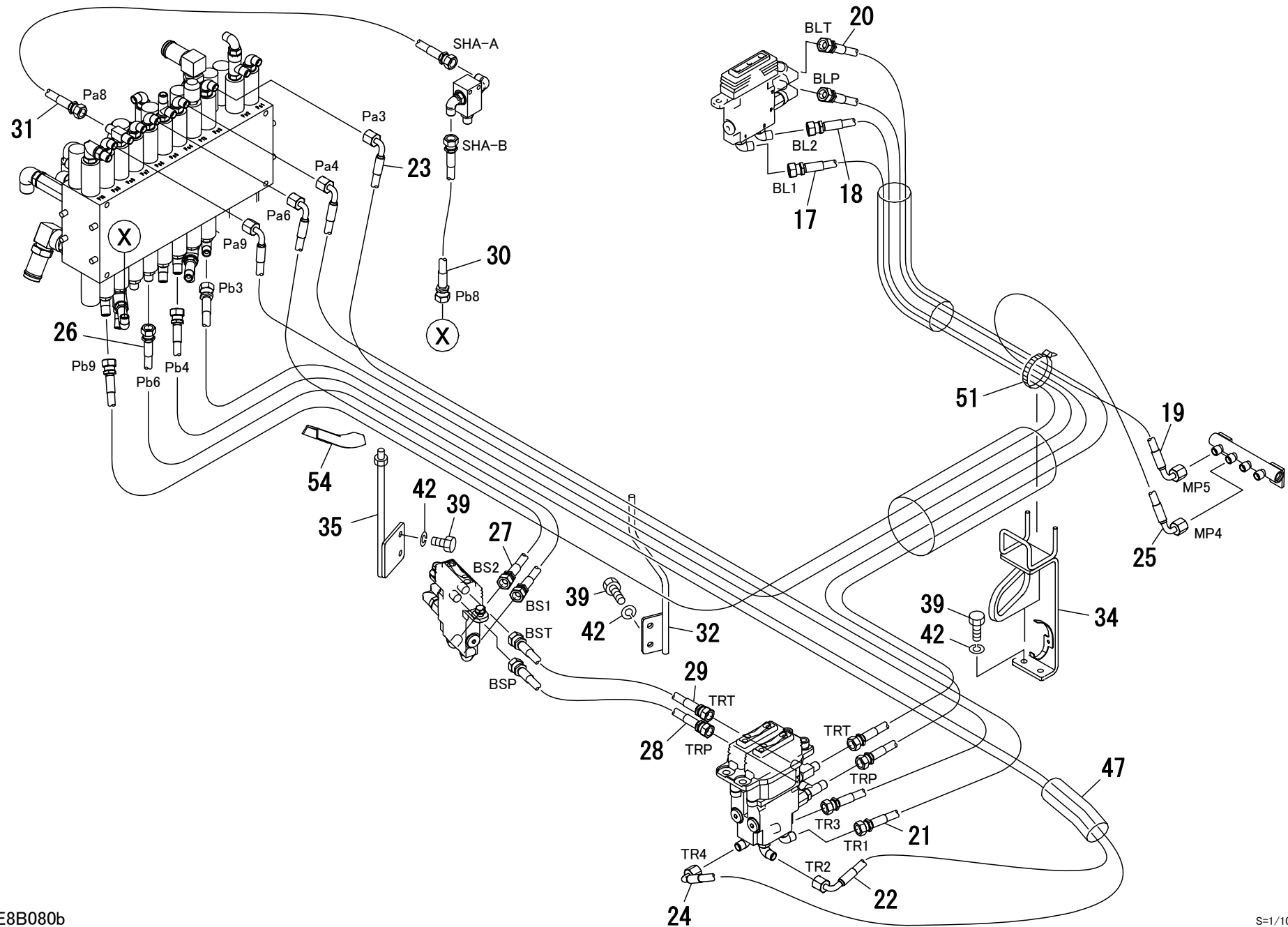


E8B080a

Reference E8B080a

S=1/10

TB230 [P-TB230_F-XC] Book No. BE8Z000-0-B S/N 130000003-
PIPING; OPERATION LEVER (ISO-JCB pattern) (2/2)



E8B080b

Reference E8B080a

S=1/10

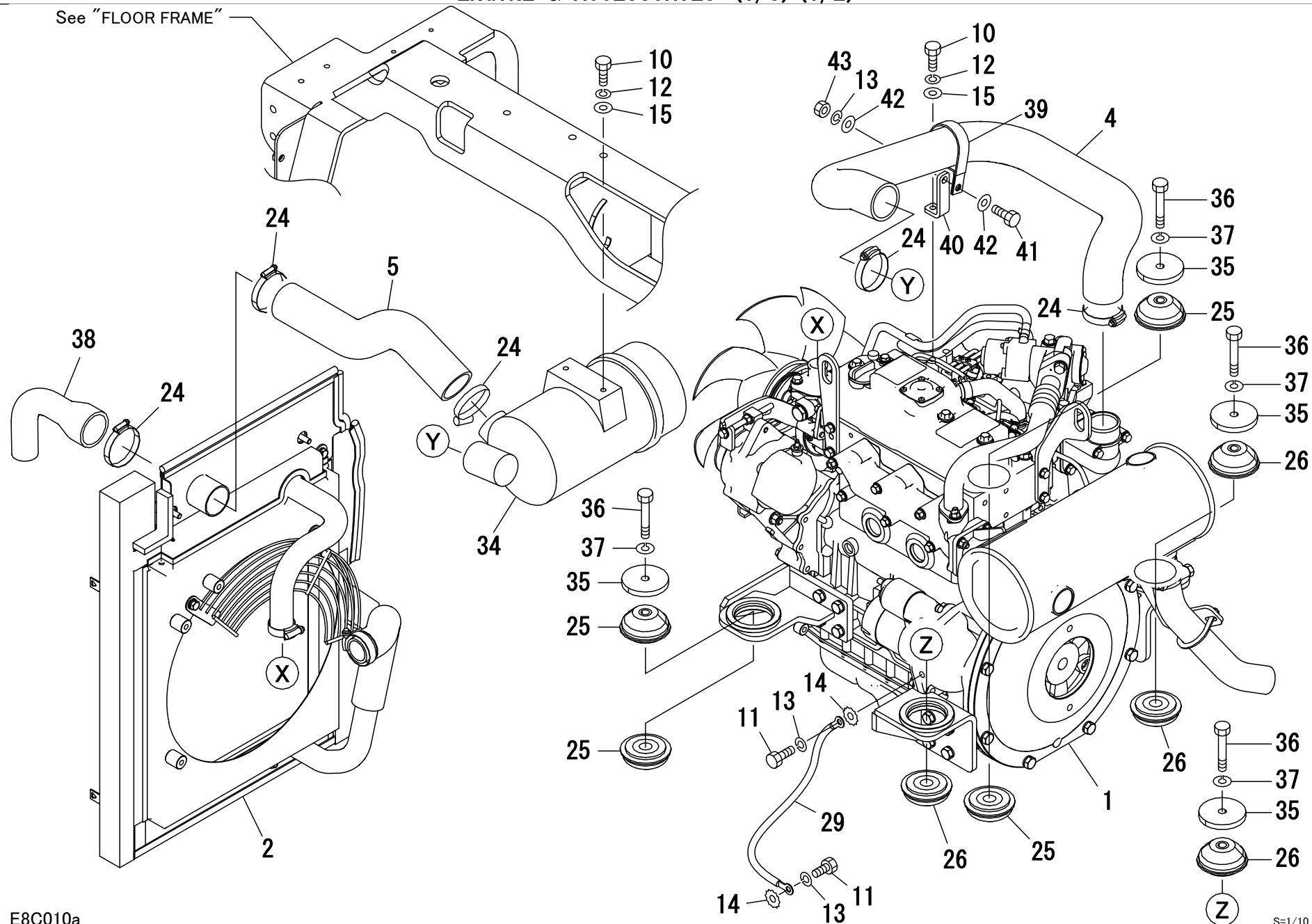
2-9

PIPING: OPERATION LEVER (ISO-JCB pattern)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		PIPING ASSY					
1	0007300069	CLAMP	1				
2	0357100002	HOSE ASSY	1				19348-52255
3	0357100004	HOSE ASSY	1				19348-52275
4	0357100006	HOSE ASSY	1				19348-52088
5	0357100007	HOSE ASSY	1				19348-72250
6	0357100008	HOSE ASSY	1				19348-52260
7	0357100010	HOSE ASSY	1				19348-22230
8	0357100012	HOSE ASSY	1				19348-52145
9	0357100013	HOSE ASSY	1				19348-22245
10	0357100014	HOSE ASSY	1				19348-52245
11	0357100015	HOSE ASSY	1				19348-22245
12	0357100016	HOSE ASSY	1				19348-22250
13	0357100018	HOSE ASSY	1				19348-22060
14	0357100019	HOSE ASSY	1				19348-52100
15	0357100020	HOSE ASSY	1				19348-52108
16	0357100021	HOSE ASSY	1				19348-22080
17	0357100022	HOSE ASSY	1				19348-22220
18	0357100023	HOSE ASSY	1				19348-52250
19	0357100024	HOSE ASSY	1				19348-52074
20	0357100025	HOSE ASSY	1				19348-22144
21	0357100026	HOSE ASSY	1				19348-52130
22	0357100027	HOSE ASSY	1				19348-52116
23	0357100028	HOSE ASSY	1				19348-52134
24	0357100029	HOSE ASSY	1				19348-52130
25	0357100030	HOSE ASSY	1				19348-52094
26	0357100031	HOSE ASSY	1				19348-22078
27	0357100032	HOSE ASSY	1				19348-52098
28	0357100033	HOSE ASSY	1				19348-22036
29	0357100034	HOSE ASSY	1				19348-22030
30	0357100035	HOSE ASSY	1				19348-22034
31	0357100036	HOSE ASSY	1				19348-22036
32	0357100044	GUIDE	1				
33	0357100051	HOSE ASSY	1				19348-52245
34	0357100057	GUIDE	1				
35	0357100060	GUIDE	1				
36	X *****	VALVE ASSY, selector	1				
36-1	1100040650	• BOLT	2				
36-2	1140020006	• WASHER, spring	2				
36-3	1141110006	• WASHER	2				
36-4	1513300022	• ELBOW	2				
	1420010110	• • O-RING	1				
36-5	1515012040	• ELBOW	4				
	1420010110	• • O-RING	1				
36-6	1515102110	• ELBOW	4				
	1420010110	• • O-RING	1				
36-7	1901730500	• VALVE, selector	1				
36-8	0337120010	• BRACKET	1				
37	0557100003	MANIFOLD	1				
38	1100021020	BOLT	1				
39	1100040816	BOLT	5				
40	1100040820	BOLT	2				
41	1110040820	SCREW, cap	2				
42	1140020008	WASHER, spring	9				
43	1140020010	WASHER, spring	1				
44	1141110008	WASHER	4				

PIPING: OPERATION LEVER (ISO-JCB pattern)

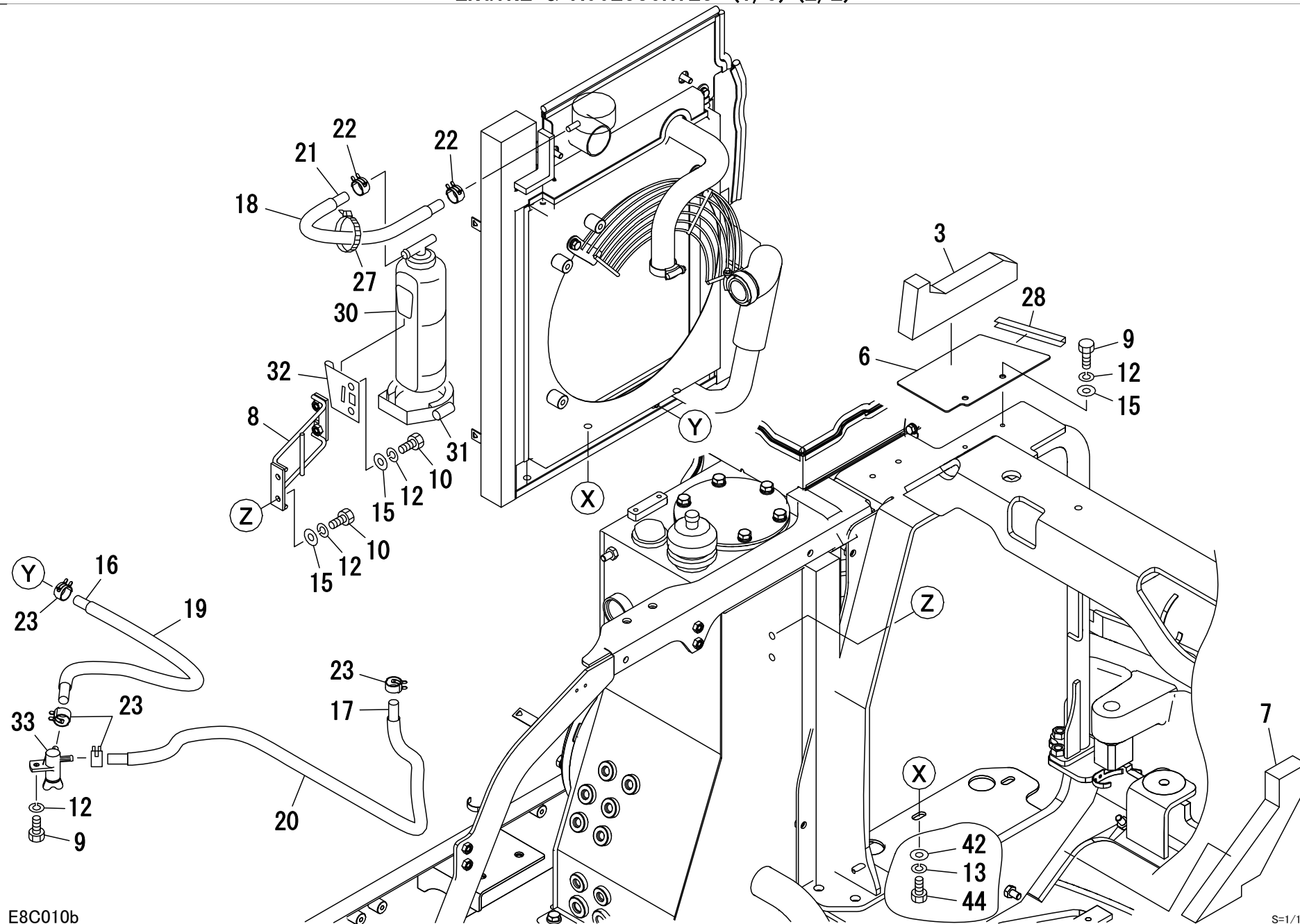
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
45	1501750002	PLUG	1				
	1420010110	• O-RING	1				
46	1515012040	ELBOW	2				
	1420010110	• O-RING	1				
47	1531335012	PROTECTOR	1				sold by the meter
48	1531345070	PROTECTOR	1				sold by the meter
49	1531350028	PROTECTOR	1				sold by the meter
50	1531360025	PROTECTOR	1				sold by the meter
51	1652201007	BAND	4				
52	1653916009	TRIM	1				sold by the meter
53	1654629008	TRIM	1				sold by the meter
54	1654640019	TRIM	1				sold by the meter
55	0357100052	GUIDE	1				
	E8b080						



E8C010a

Reference E8C010a

S=1/10



E8C010b

Reference E8C010a

S=1/10

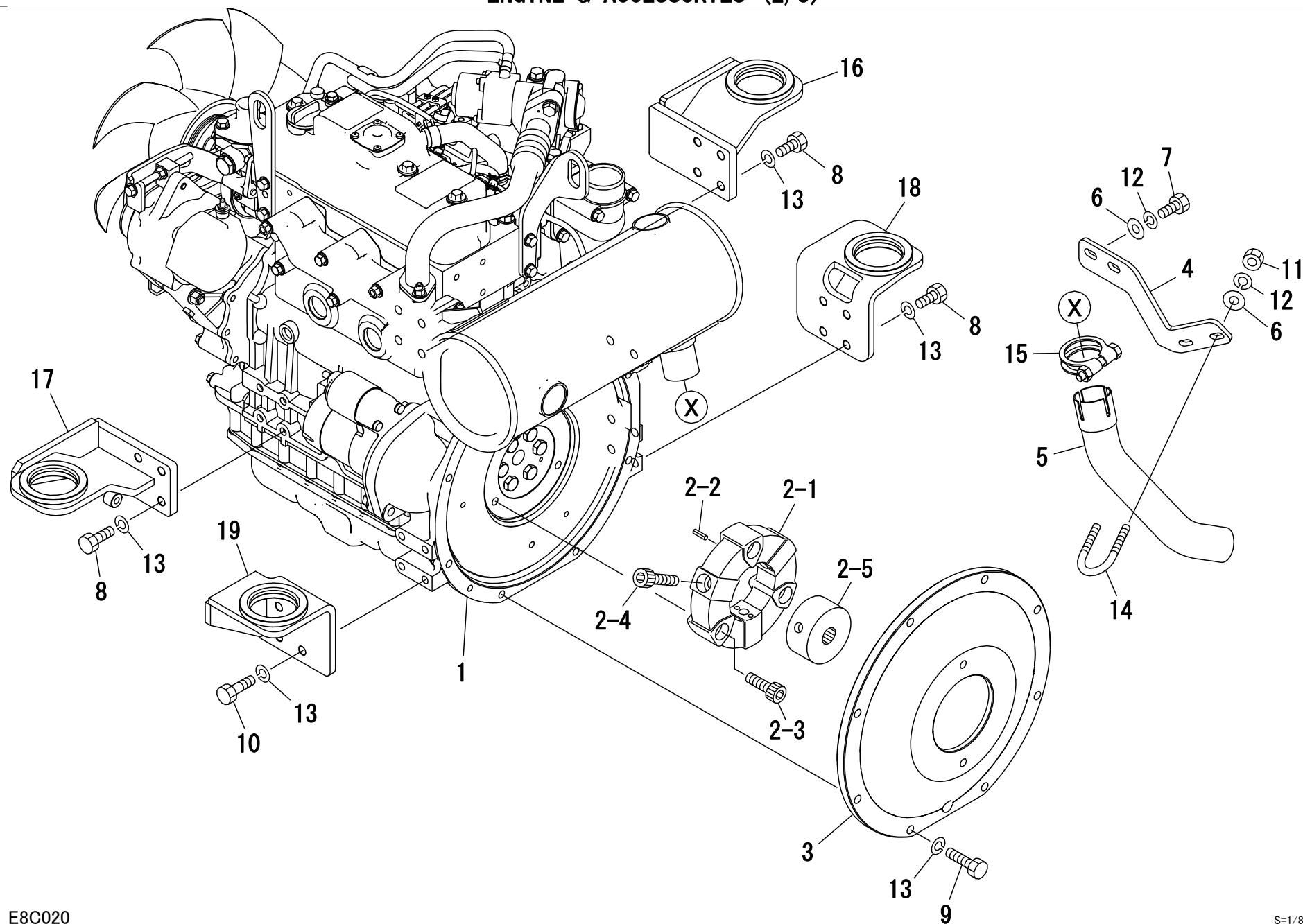
3-1

ENGINE & ACCESSORIES (1/3)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		ENGINE ASSY					
1	X *****	ENGINE SUB ASSY	1				see page (2/3)
2	X *****	RADIATOR ASSY	1				see page (3/3)
3	0354000058	SPONGE	1				
4	0354000176	HOSE	1				
5	0354000177	HOSE	1				
6	0354000075	PLATE	1				
7	0354000076	SPONGE	1				
8	0354000077	BRACKET	1				
9	1100040816	BOLT	3				
10	1100040820	BOLT	7				
11	1100041016	BOLT	2				
12	1140020008	WASHER, spring	10				
13	1140020010	WASHER, spring	6				
14	1140330010	WASHER	2				
15	1141110008	WASHER	9				
16	1530808054	HOSE	1				
17	1530808087	HOSE	1				
18	1531115026	PROTECTOR	1				sold by the meter
19	1531115049	PROTECTOR	1				sold by the meter
20	1531115082	PROTECTOR	1				sold by the meter
21	1531407032	HOSE	1				sold by the meter
22	1533120010	BAND	2				
23	1533120512	BAND	4				
24	1533700071	BAND	5				
25	1651030014	RUBBER, cushion	4				
26	1651030015	RUBBER, cushion	4				
27	1652231250	BAND	1				
28	1654606012	SEAL	1				sold by the meter
29	1702430520	CABLE, earth	1				
30	1910047040	TANK, sub	1				Y171064-44510
31	1910047047	BAND	1				Y124450-44550
32	1910047052	BRACKET	1				Y121256-44600
33	1910078037	VALVE, drain	1				Y129150-49100
34	1910238007	CLEANER, air	1				Y129236-12510
35	0354000152	WASHER	4				
36	1101141200	BOLT	4				
37	1140020012	WASHER, spring	4				
38	0354000149	HOSE	1				
39	0007300060	CLAMP	1				
40	0354000150	BRACKET	1				
41	1100041025	BOLT	1				
42	1141110010	WASHER	5				
43	1130040010	NUT	1				
44	1100041020	BOLT	3				

E8c010

Memo



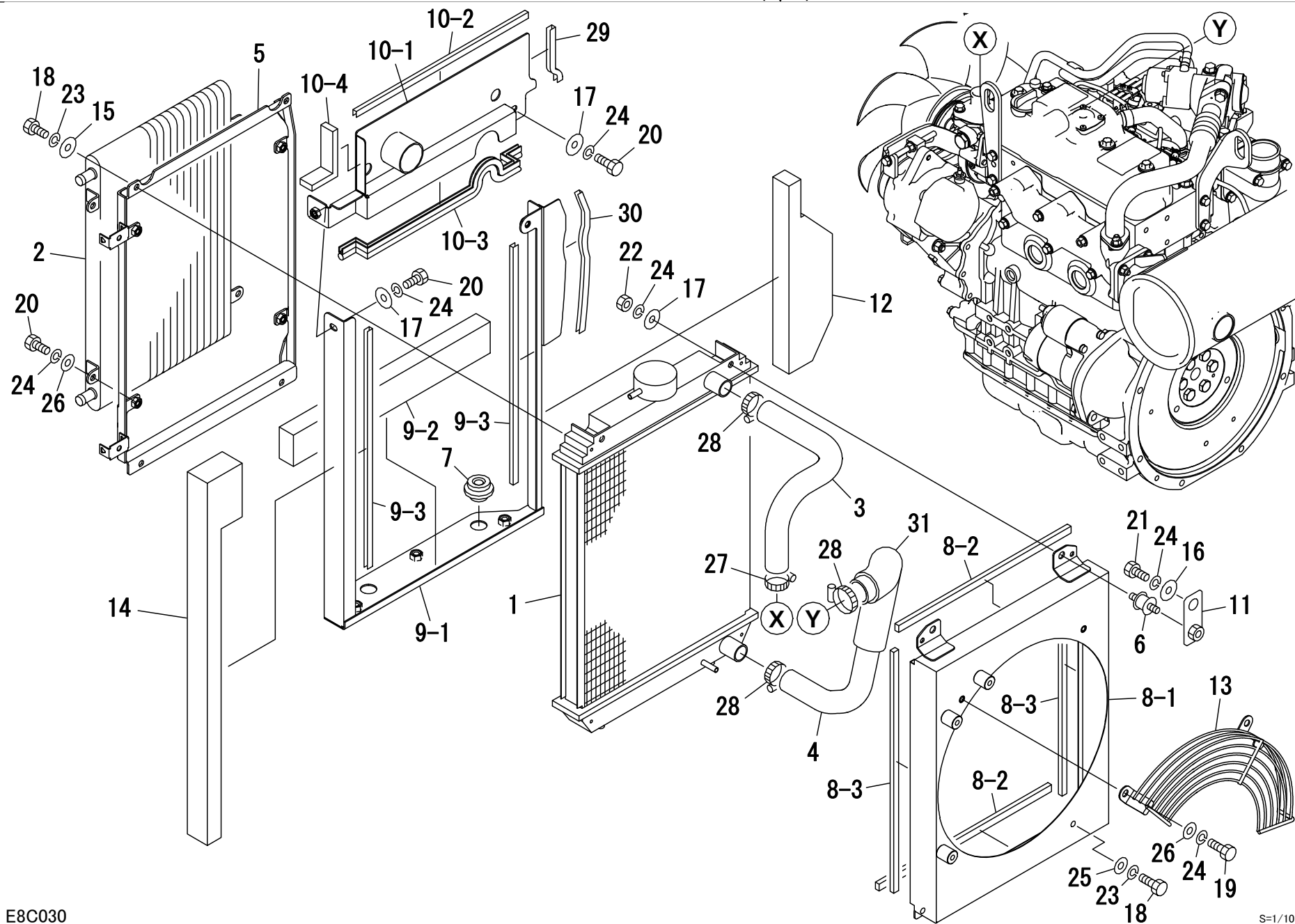
E8C020

Reference E8C020

S=1/8

3-2

ENGINE & ACCESSORIES (2/3)					
Item	Part number	Description	Q'ty	Chan.	Serial No. Serv. Remarks
0-1	X *****	ENGINE SUB ASSY	1		
1	1910401001	• ENGINE	1		3TNV88F-EPTB (1)
2	0355211020	• COUPLING	1		
2-1	1602000160	• • COUPLING	1		
2-2	1213000525	• • PIN, spring	3		
2-3	1602031235	• • SCREW, cap	3		
2-4	1602031240	• • SCREW, cap	3		
2-5	0355211022	• • BOSS	1		
3	0375202100	• HOUSING	1		
4	0354000024	• SUPPORT	1		
5	0354000025	• PIPE	1		
6	0003600079	• WASHER	4		
7	1100040825	• BOLT	2		
8	1100041025	• BOLT	12		
9	1100041030	• BOLT	8		
10	1100041035	• BOLT	4		
11	1130040008	• NUT	2		
12	1140020008	• WASHER, spring	4		
13	1140020010	• WASHER, spring	24		
14	1533201012	• U-BOLT	1		
15	1910120023	• BAND	1		Y121120-13590
16	0354000111	• FOOT, engine (F. R.)	1		
17	0354000106	• FOOT, engine (F. L.)	1		
18	0354000119	• FOOT, engine (R. R.)	1		
19	0354000114	• FOOT, engine (R. L.)	1		
	E8c020				



E8C030

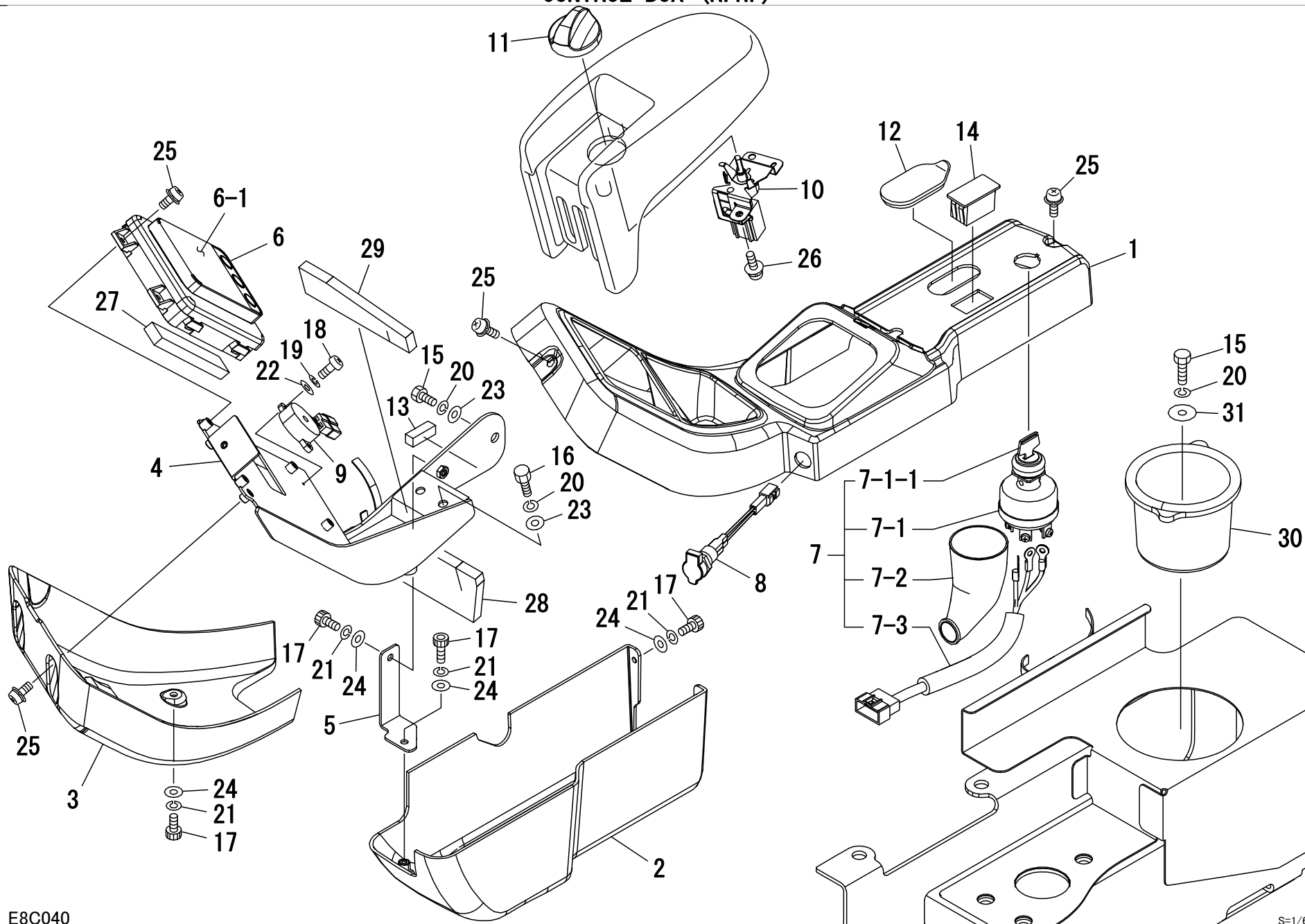
Reference E8C030

S=1/10

ENGINE & ACCESSORIES (3/3)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0-2	X *****	RADIATOR ASSY	1				
1	1910231002	• RADIATOR	1				Y119935-44510
2	1911300520	• COOLER, oil	1				
3	0354000052	• HOSE	1				
4	0354000053	• HOSE	1				
5	0354000142	• BRACKET	1				
6	1651014003	• RUBBER, cushion	2				
7	1910170052	• RUBBER, cushion	2				Y119255-44660
8	X *****	• SHROUD ASSY	1				
8-1	0354000125	• • SHROUD	1				
8-2	1654318037	• • SPONGE	1				sold by the meter
8-3	1654318045	• • SPONGE	2				sold by the meter
9	X *****	• PLATE ASSY	1				
9-1	0354000128	• • PLATE	1				
9-2	0354000147	• • SPONGE	1				
9-3	1654606047	• • SEAL	2				sold by the meter
10	X *****	• PLATE ASSY	1				
10-1	0354000133	• • PLATE	1				
10-2	1654606037	• • SEAL	1				sold by the meter
10-3	1654606048	• • TRIM	1				sold by the meter
10-4	1654353012	• • SPONGE	1				sold by the meter
11	0354000041	• PLATE	2				
12	0354000069	• SPONGE	1				
13	0354000136	• GUARD	1				
14	0354000138	• SPONGE	1				
15	0003606202	• WASHER	4				
16	0003608003	• WASHER	2				
17	0003608252	• WASHER	4				
18	1100040620	• BOLT	6				
19	1100040816	• BOLT	2				
20	1100040820	• BOLT	6				
21	1100040825	• BOLT	2				
22	1130040008	• NUT	2				
23	1140020006	• WASHER, spring	6				
24	1140020008	• WASHER, spring	12				
25	1141110006	• WASHER	2				
26	1141110008	• WASHER	6				
27	1533700039	• BAND	1				
28	1533700051	• BAND	3				
29	1654606012	• SEAL	1				sold by the meter
30	1654606026	• SEAL	1				sold by the meter
31	1531345025	• PROTECTOR	1				sold by the meter

E8c030

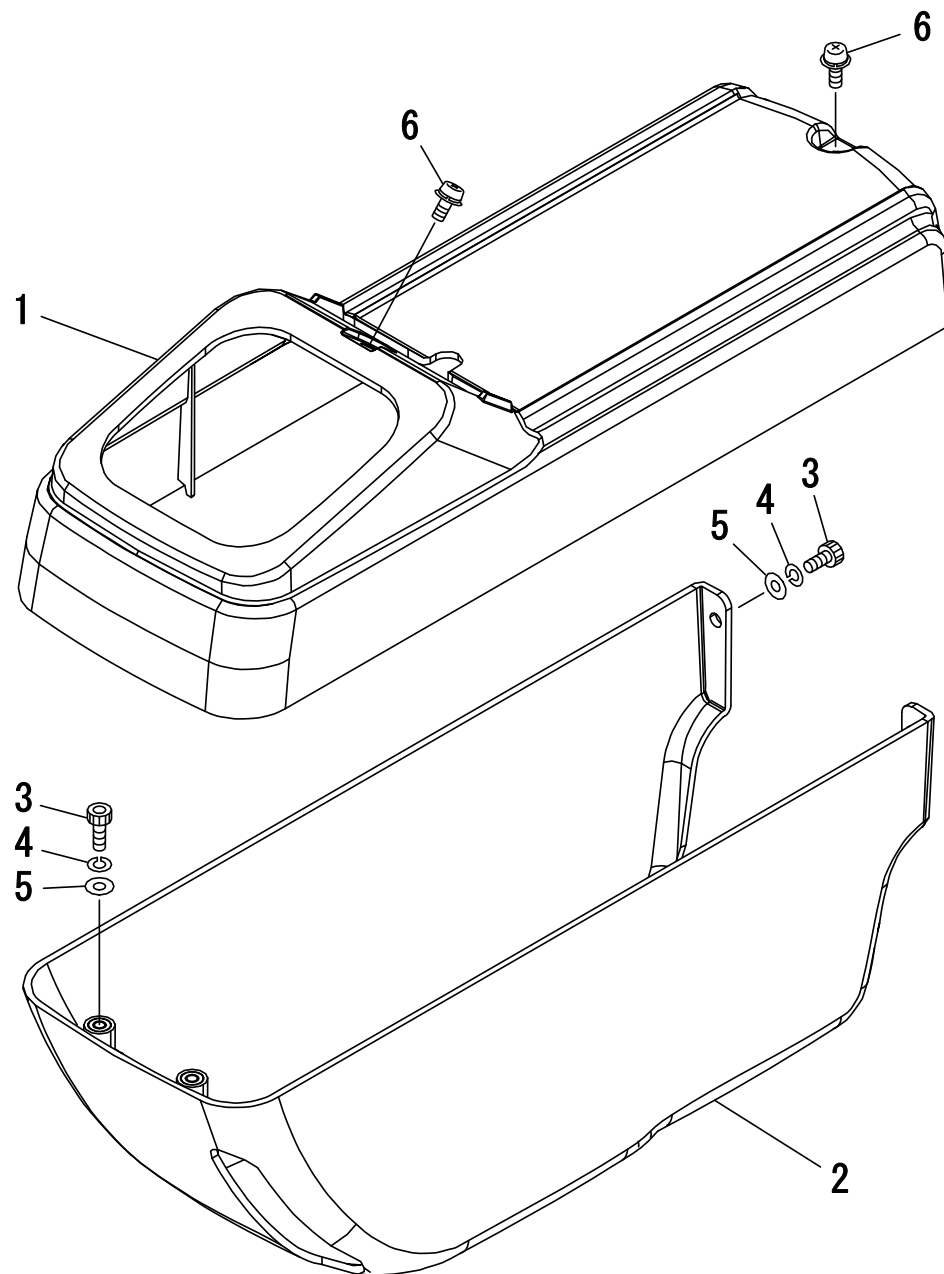


E8C040

Reference E8C040

S=1/6

Item	Part number	Description	Q'ty	Chan.	Serial No.	CONTROL BOX (R. H.)	
						Serv.	Remarks
		BOX ASSY, control (R. H.)					
1	0334300019	COVER (R. H.)	1				
2	0334300020	COVER (R. H.)	1				
3	0334300022	COVER (R. H.)	1				
4	0334300024	BRACKET	1				
5	0334300031	PLATE	1				
6	1730140995	GAUGE, cluster	1				
6-1	1730140992	· CASE	1				
7	X *****	SWITCH ASSY, starter	1				
7-1	1700100072	· SWITCH, starter	1				
7-1-1	1700100019	· KEY	1				
7-2	0870431821	· COVER	1				
7-3	0334340191	· HARNESS	1				
8	0394203100	SOCKET	1				
9	0573300610	BUZZER	1				
10	1700000060	POTENTIOMETER	1				
11	1700000059	KNOB	1				
12	0554300005	GROMMET	1				
13	1654319003	SPONGE	1				sold by the meter
14	1700008129	PLUG	1				
15	1100040816	BOLT	2				
16	1100040820	BOLT	2				
17	1110090512	SCREW, cap	5				
18	1120530314	SCREW	2				
19	1140020003	WASHER, spring	2				
20	1140020008	WASHER, spring	4				
21	1140090005	WASHER, spring	5				
22	1141110003	WASHER	2				
23	1141110008	WASHER	3				
24	1141190005	WASHER	5				
25	1150420514	SCREW	9				
26	1150420614	SCREW	2				
27	0334300037	SPONGE	1				
28	0334300039	SPONGE	1				
29	0334300040	SPONGE	1				
30	0578601010	HOLDER	1				
31	0003608003	WASHER	1				
	E8c040						



E8C050

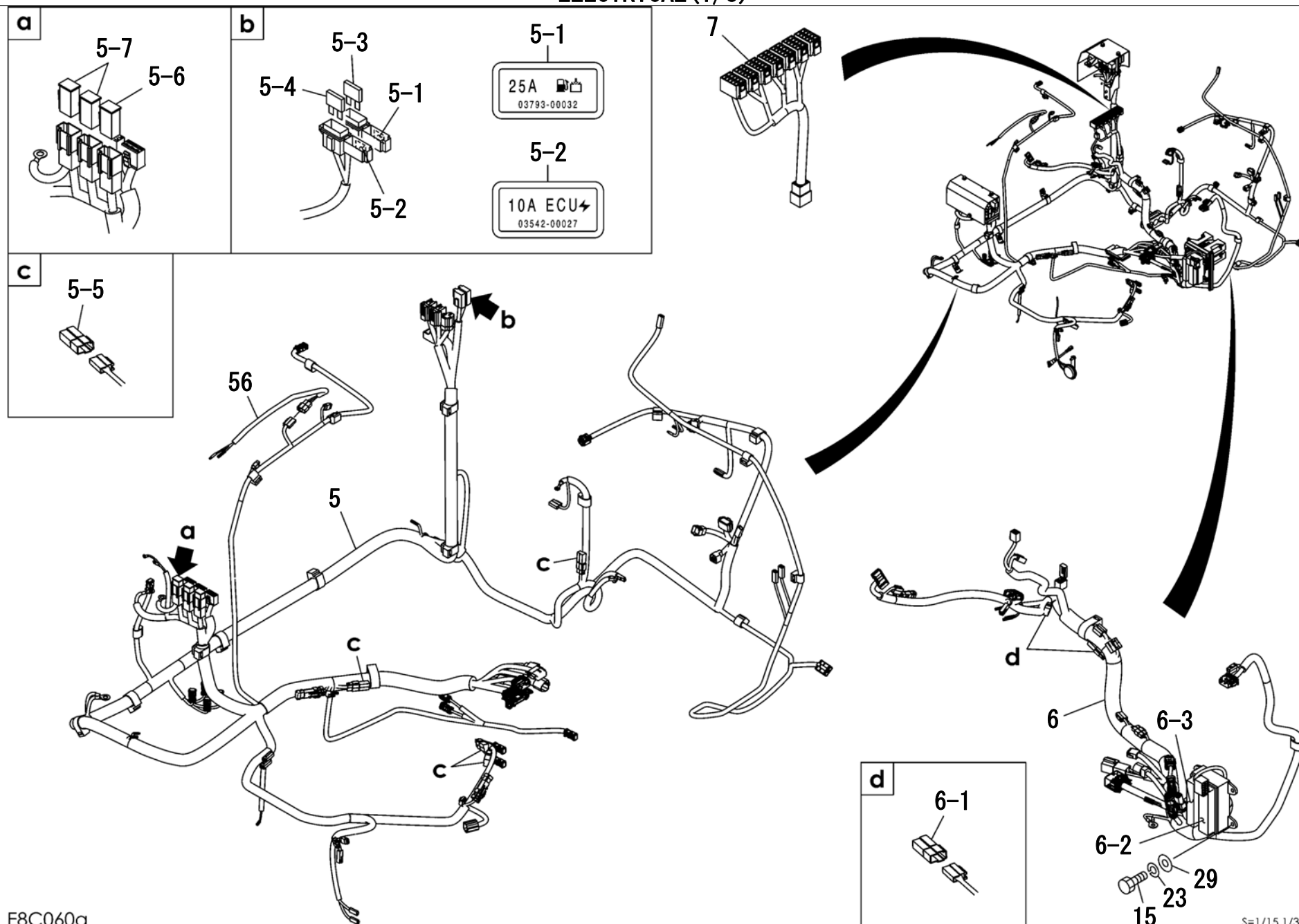
Reference E8C050

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CONTROL BOX (L. H.)						
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
1	0334300016	BOX ASSY, control (L. H.)	1			
2	0334300017	COVER (L. H.)	1			
3	1110090512	COVER (L. H.)	1			
4	1110090512	SCREW, cap	4			
5	1140090005	WASHER, spring	4			
6	1141190005	WASHER	4			
	1150420514	SCREW	2			
	E8c050					

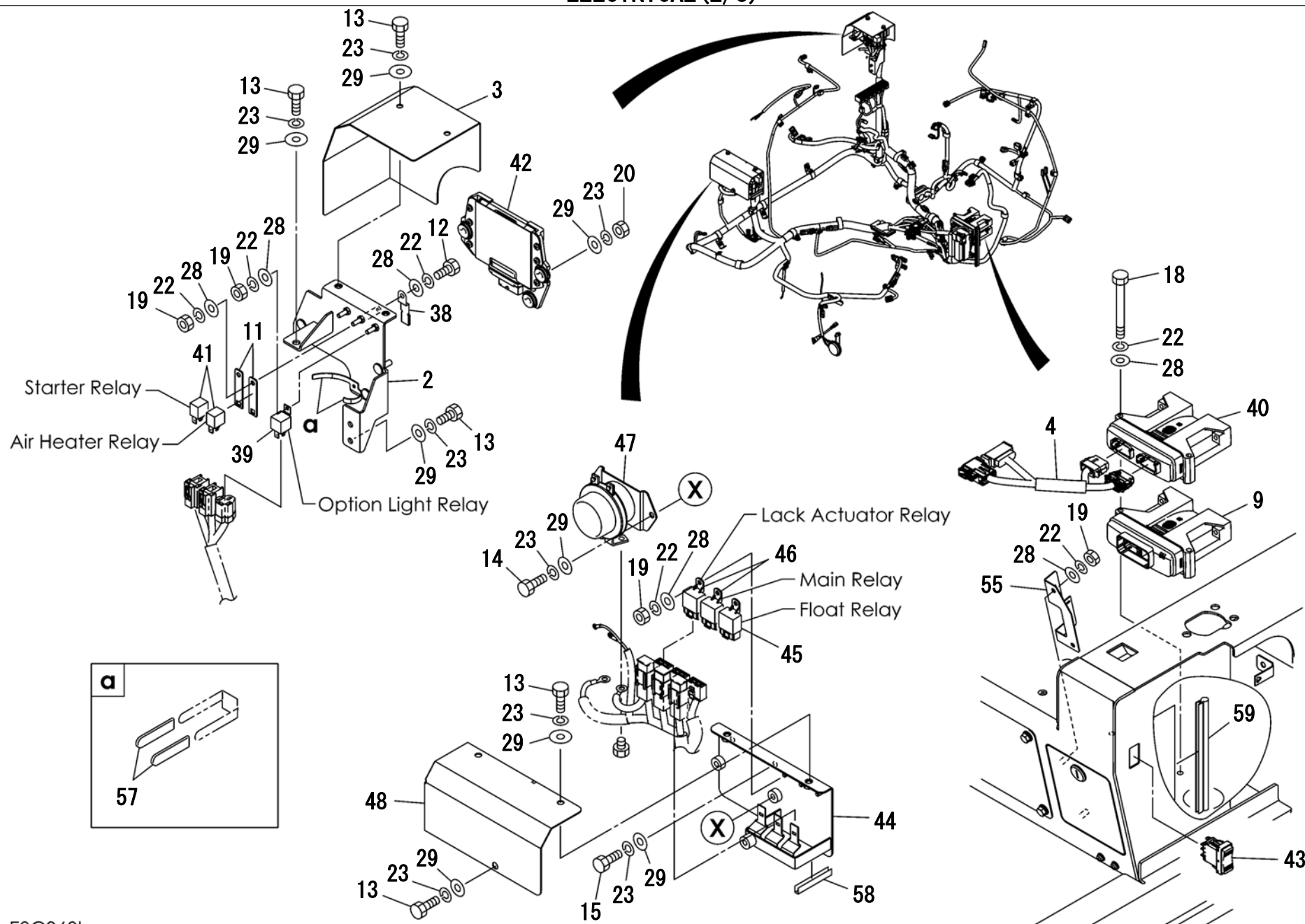


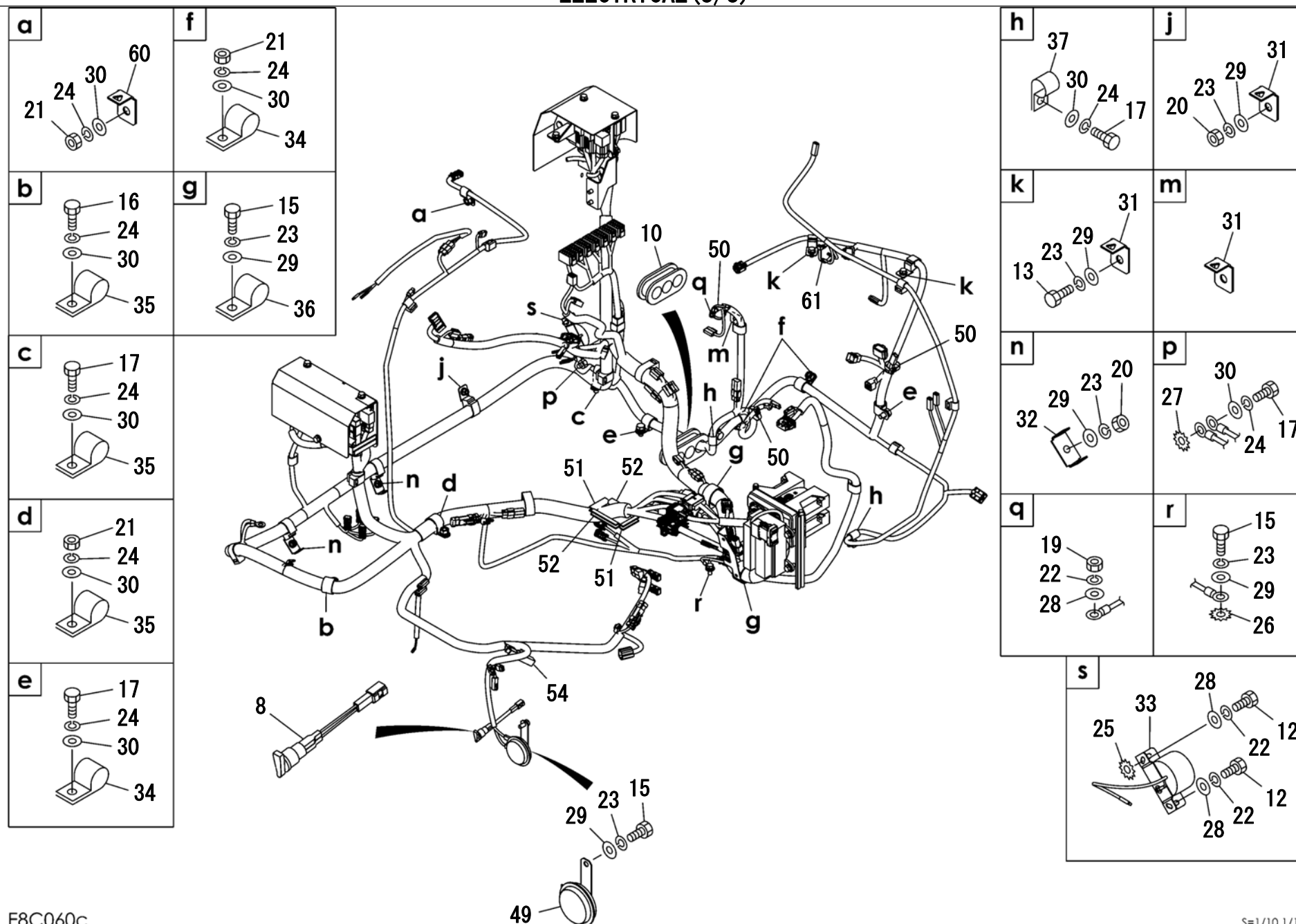
E8C060a

Reference E8C060a

S=1/15,1/30

3-6

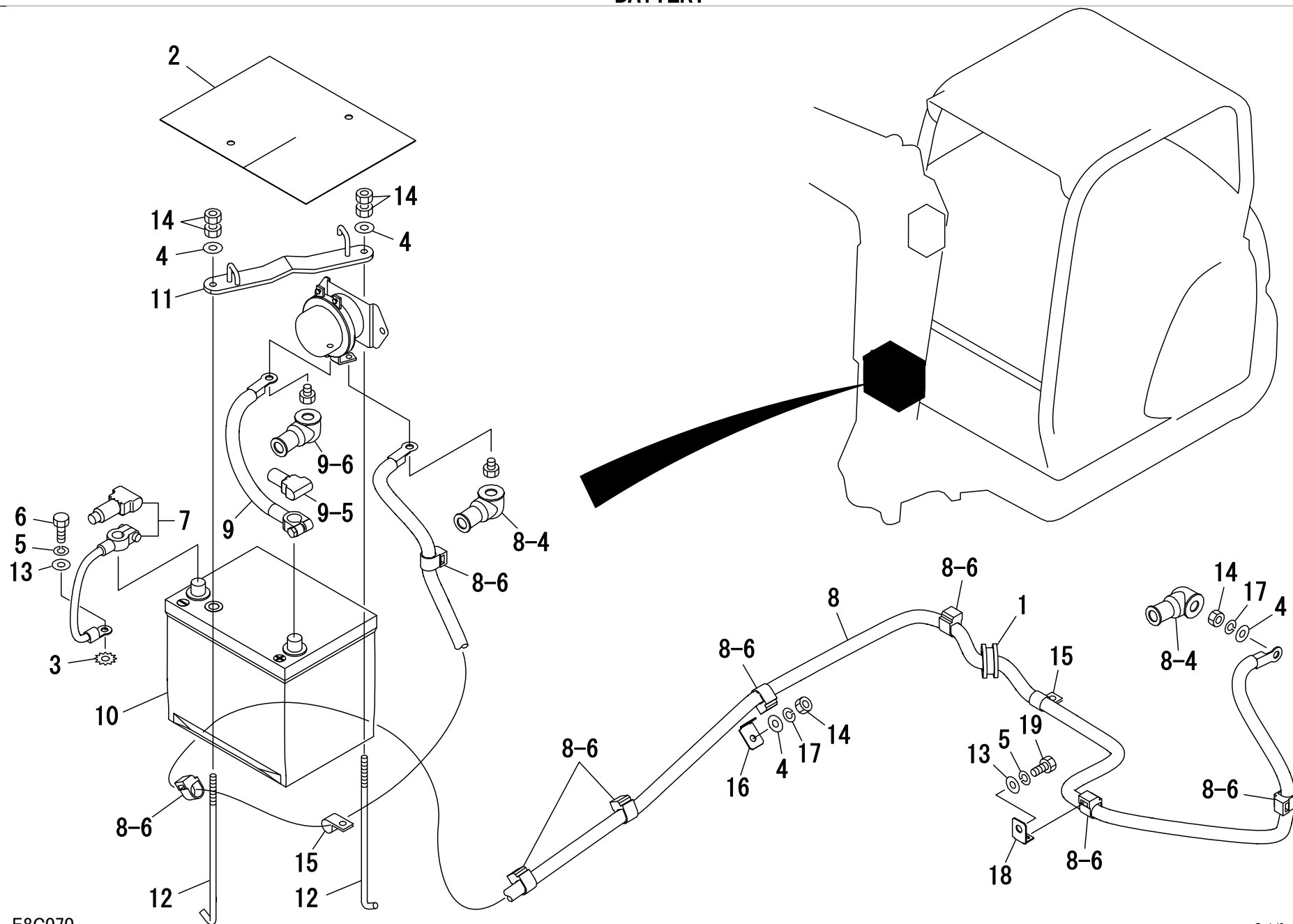




Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	ELECTRICAL
							Remarks
		ELECTRICAL ASSY					
2	0354200002	BRACKET	1				
3	0354200005	COVER	1				
4	0354200007	HARNESS, wiring	1				
5	0354200025	HARNESS ASSY, wiring	1				
5-1	0379300032	• DECAL	1				
5-2	0354200027	• DECAL	1				
5-3	1701310025	• FUSE	1				25A
5-4	1701310010	• FUSE	1				10A
5-5	1730500008	• DIODE (3A yellow)	4				
5-6	1701330045	• LINK, fusible	1				45A
5-7	1701330075	• LINK, fusible	2				75A
6	0374200043	HARNESS	1				
6-1	1730500008	• DIODE (3A yellow)	2				
6-2	X *****	• BOX, fuse	1				
	1701310005	• • FUSE	2				5A
	1701310010	• • FUSE	3				10A
	1701310015	• • FUSE	2				15A
	1701310020	• • FUSE	3				20A
	1701310025	• • FUSE	2				25A
6-3	X *****	• BOX, relay	1				
	1711900160	• • RELAY	6				
7	0374200006	HARNESS, wiring	1				
8	0394203100	SOCKET	1				
9	0354200020	CONTROLLER	1				
10	0554200080	GROMMET	1				
11	0694205350	BRACKET	2				
12	1100040616	BOLT	3				
13	1100040816	BOLT	10				
14	1100040814	BOLT	2				
15	1100040820	BOLT	10				
16	1100041016	BOLT	1				
17	1100041020	BOLT	6				
18	1100140605	BOLT	2				
19	1130040006	NUT	9				
20	1130040008	NUT	6				
21	1130040010	NUT	4				
22	1140020006	WASHER, spring	14				
23	1140020008	WASHER, spring	28				
24	1140020010	WASHER, spring	11				
25	1140330006	WASHER	1				
26	1140330008	WASHER	1				
27	1140330010	WASHER	1				
28	1141110006	WASHER	14				
29	1141110008	WASHER	28				
30	1141110010	WASHER	11				
31	1652900207	CLAMP	4				
32	1652900313	CLAMP	2				
33	1703700013	BUZZER	1				
34	1711900071	CLAMP	4				
35	1711900072	CLAMP	3				
36	1711900097	CLAMP	2				
37	1711900105	CLAMP	2				
38	1711900148	CLAMP	1				
39	1711900161	RELAY	1				
40	1730143340	CONTROLLER	1				

ELECTRICAL					
Item	Part number	Description	Q'ty	Chan.	Serial No. Serv. Remarks
41	1910245125	RELAY	2		Y129927-77920
42	1910319127	ECU	1		Y129927-75900
43	1700008272	SWITCH, engine stop	1		
44	0354200010	BRACKET	1		
45	1711900123	RELAY	1		
46	1910245135	RELAY	2		Y198461-52950
47	1711900179	RELAY	1		
48	0354200013	PLATE	1		
49	1703500713	HORN	1		
50	1652231140	BAND	3		
51	1654629005	TRIM	2		sold by the meter
52	1654629008	TRIM	2		sold by the meter
54	1654640010	TRIM	1		sold by the meter
55	0374200040	PLATE	1		
56	0374200047	HARNESS, wiring	1		
57	0872433150	TUBE	2		
58	1653916007	TRIM	1		sold by the meter
59	1654606010	SEAL	1		sold by the meter
60	1652900208	CLAMP	1		
61	1652231250	BAND	1		
E8c060					

Memo



E8C070

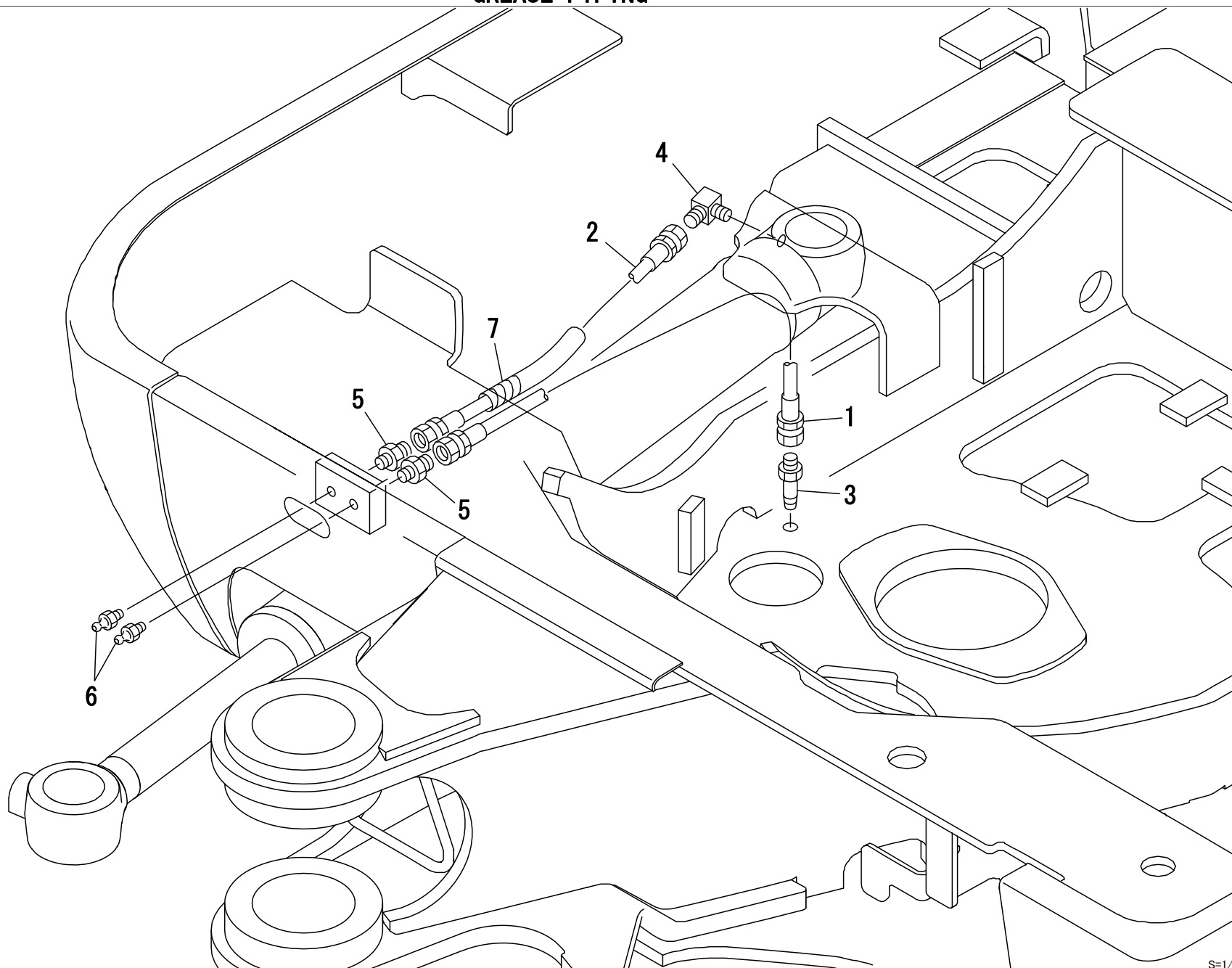
Reference E8C070

S=1/9, 1/30

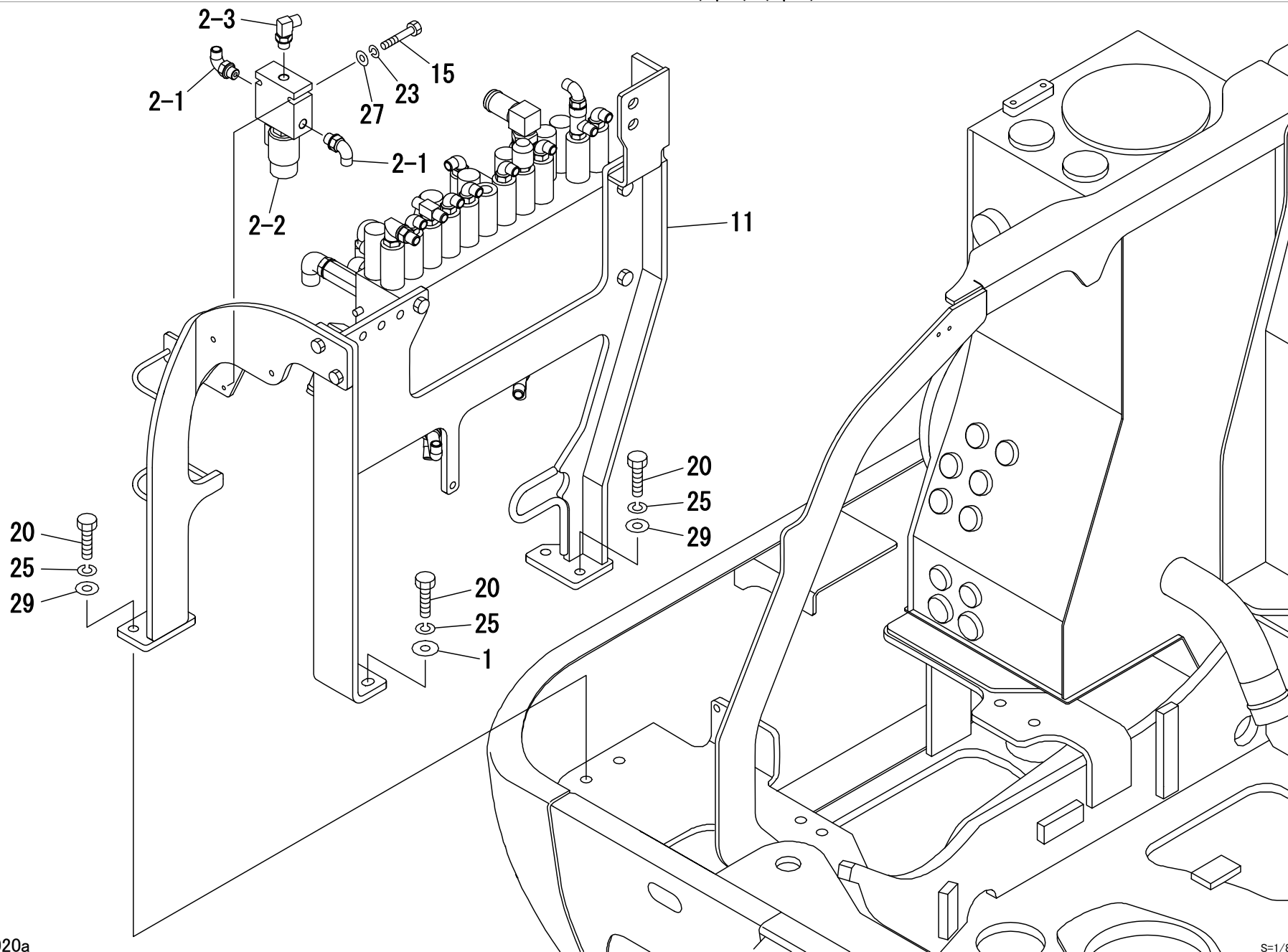
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BATTERY

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		BATTERY ASSY					
1	0437200100	GUARD	1				
2	0354400015	COVER	1				
3	1140330010	WASHER	1				
4	1141110008	WASHER	4				
5	1140020010	WASHER, spring	2				
6	1100041025	BOLT	1				
7	0354400011	CABLE, earth	1				
8	0354400010	CABLE ASSY, battery	1				
8-4	1702901283	· CAP	2				
8-6	1652900513	· CLAMP	8				
9	0354400009	CABLE ASSY, battery	1				
9-5	1702920060	· COVER	1				
9-6	1702901283	· CAP	1				
10	1702078023	BATTERY	1				
11	0354400013	BRACKET	1				
12	1702108245	BOLT	2				
13	1141110010	WASHER	2				
14	1130040008	NUT	6				
15	1711900076	CLAMP	2				
16	1652900207	CLAMP	1				
17	1140020008	WASHER, spring	2				
18	1652900208	CLAMP	1				
19	1100041020	BOLT	1				
	E8c070						



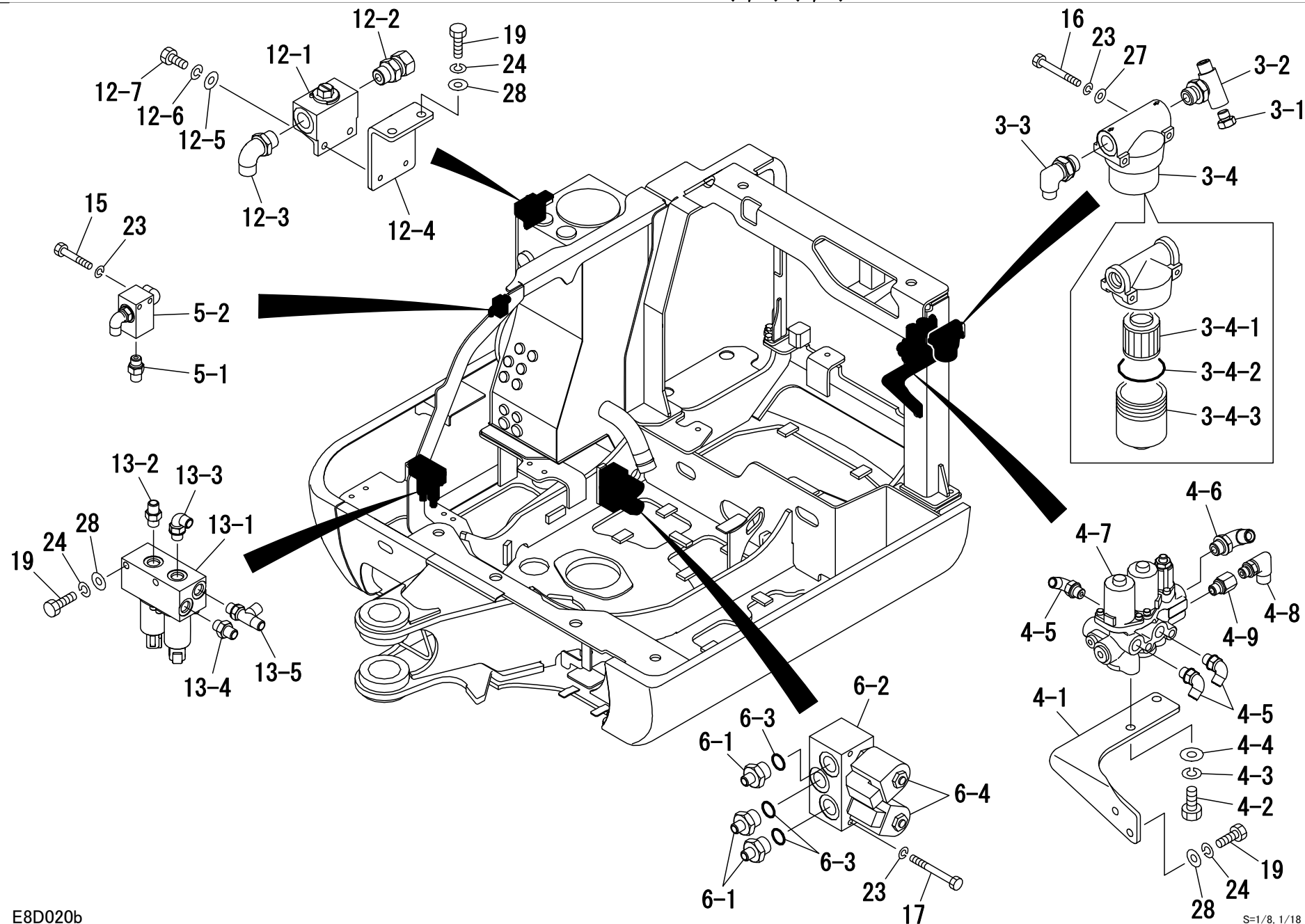
GREASE PIPING						
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
1	1934722064	PIPING ASSY, grease	1			
2	1934722076	HOSE ASSY	1			
3	0007203091	HOSE ASSY	1			
4	1511150201	ADAPTOR	1			
5	1511150201	ELBOW	1			
6	0007203048	ADAPTOR	2			
7	1560001000	FITTING, grease	2			
	1532210020	PROTECTOR	1			sold by the meter
	E8d010					



E8D020a

Reference E8D020a

S=1/8



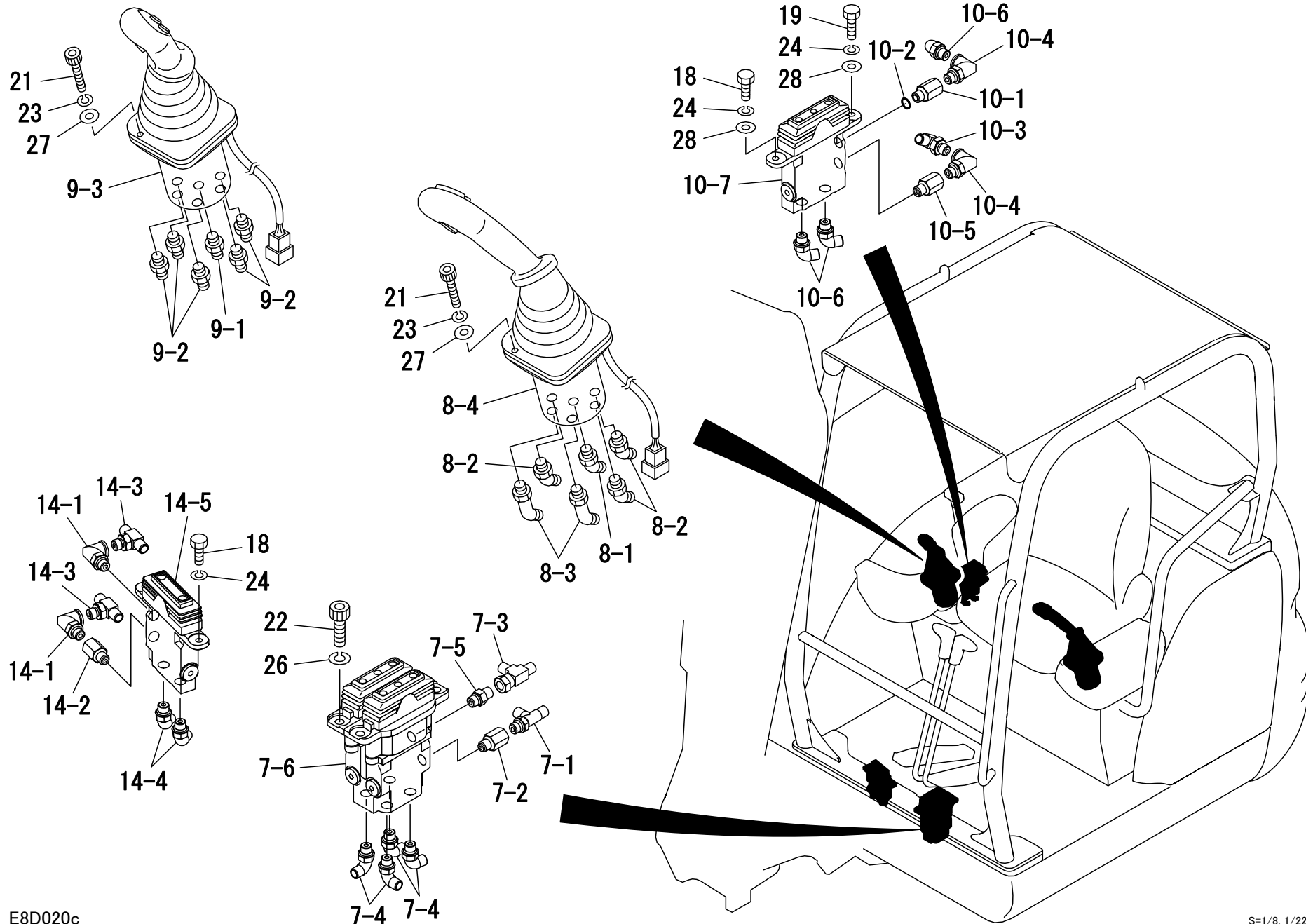
E8D020b

Reference E8D020a

S=1/8, 1/18

ページ

4-2



E8D020c

Reference E8D020a

S=1/8, 1/22

ハート

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VALVE & ACCESSORIES (1/2)

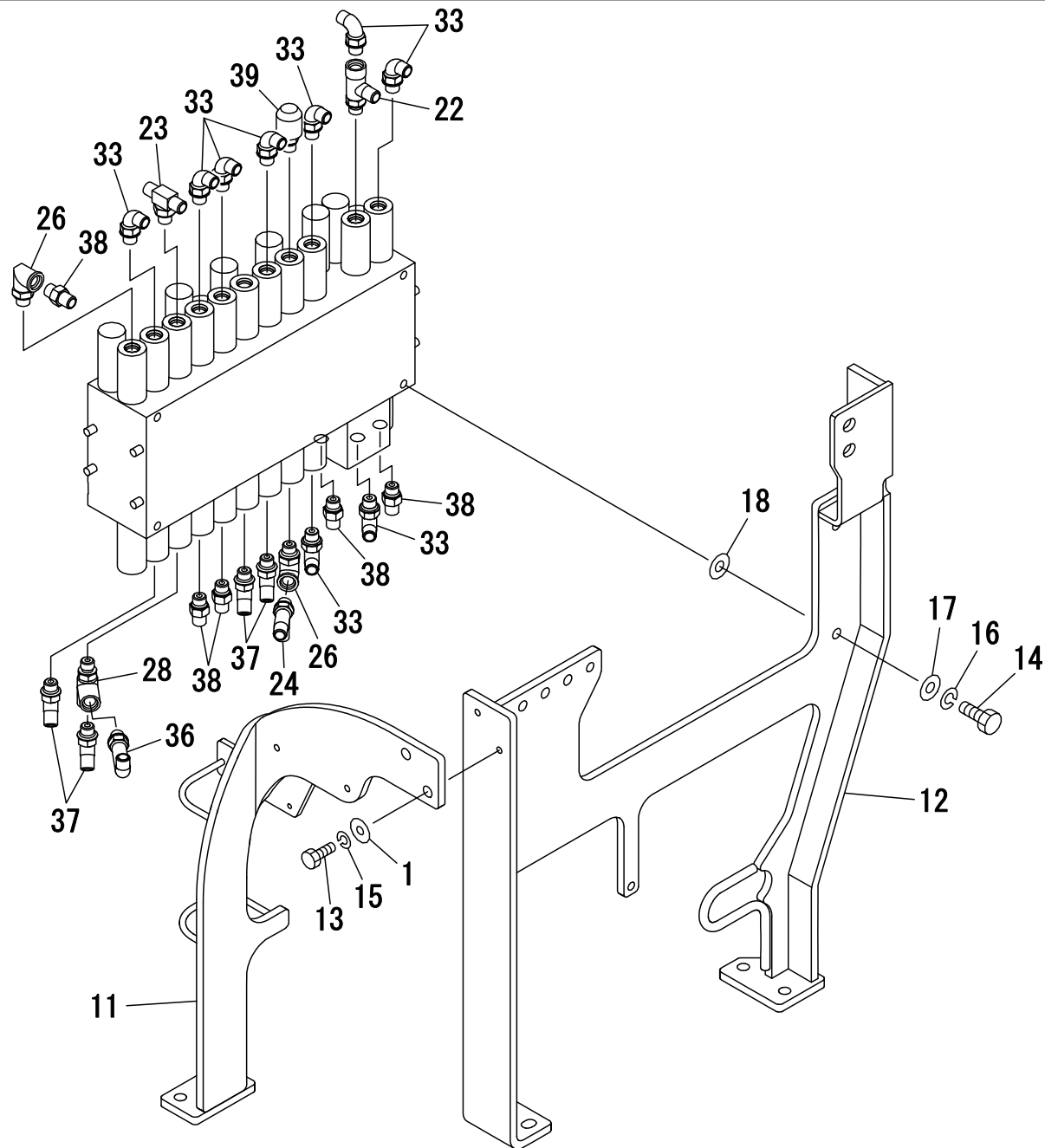
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	0003600020	VALVE ASSY, control	2				
2	X *****	WASHER	1				
2-1	1515012040	VALVE ASSY, solenoid	2				
	1420010110	• ELBOW	1				
2-2	1901764200	• O-RING	1				
2-3	0575002030	• VALVE, solenoid	1				
	1420010110	• ELBOW	1				
	1420010110	• O-RING	1				
3	X *****	FILTER ASSY	1				
3-1	1501750002	• PLUG	1				
	1420010110	• O-RING	1				
3-2	1512350003	• ELBOW	1				
	1420010180	• O-RING	1				
3-3	1515010051	• ELBOW	1				
	1420010180	• O-RING	1				
3-4	1551200700	• FILTER	1				
3-4-1	1551200703	• ELEMENT	1				
3-4-2	1551200704	• O-RING	1				
3-4-3	1551200705	• CASE	1				
4	X *****	VALVE ASSY, solenoid	1				
4-1	0355000032	• BRACKET	1				
4-2	1100041020	• BOLT	2				
4-3	1140020010	• WASHER, spring	2				
4-4	1141110010	• WASHER	2				
4-5	1515012040	• ELBOW	3				
	1420010110	• O-RING	1				
4-6	1515012041	• ELBOW	1				
	1420010140	• O-RING	1				
4-7	1901762800	• VALVE, solenoid	1				
4-8	1515010130	• ELBOW	1				
	1420010110	• O-RING	1				
4-9	1513250202	• BUSHING	1				
	1420010110	• O-RING	1				
5	X *****	VALVE ASSY, shuttle	1				
5-1	1515600200	• ADAPTOR	1				
	1420010110	• O-RING	1				
5-2	1901736600	• VALVE, shuttle	1				
6	X *****	VALVE ASSY, solenoid	1				
6-1	0007200089	• ADAPTOR	3				
6-2	0881501100	• BLOCK, valve	1				
6-3	1420010180	• O-RING	3				
6-4	1901759600	• VALVE, solenoid	2				
7	X *****	VALVE ASSY, remote control	1				
7-1	1512370011	• TEE	1				
	1420010110	• O-RING	1				
7-2	1513370046	• BUSHING (with filter)	1				
	1420010110	• O-RING	1				
7-3	1513390015	• TEE	1				
7-4	1515012040	• ELBOW	4				
	1420010110	• O-RING	1				
7-5	1515600200	• ADAPTOR	1				
	1420010110	• O-RING	1				
7-6	1901750500	• VALVE, remote control	1				
8	X *****	VALVE ASSY, pilot (L.H.)	1				
8-1	1512370012	• ELBOW (with filter)	1				
	1420010110	• O-RING	1				

VALVE & ACCESSORIES (1/2)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
8-2	1515102110	• ELBOW	3				
	1420010110	• • O-RING	1				
8-3	1515102540	• ELBOW	2				
8-4	1901758100	• VALVE, pilot (L.H.)	1				
9	X *****	VALVE ASSY, pilot (R.H.)	1				
9-1	1512370008	• ADAPTOR (with filter)	1				
	1420010110	• • O-RING	1				
9-2	1515600200	• ADAPTOR	5				
	1420010110	• • O-RING	1				
9-3	1901766000	• VALVE, pilot (R.H.)	1				
10	X *****	VALVE ASSY, remote control	1				
10-1	0007213042	• BUSHING	1				
10-2	1420010110	• O-RING	1				
10-3	1512370010	• TEE	1				
	1420010110	• • O-RING	1				
10-4	1513300022	• ELBOW	2				
	1420010110	• • O-RING	1				
10-5	1513370046	• BUSHING (with filter)	1				
	1420010110	• • O-RING	1				
10-6	1515012040	• ELBOW	3				
	1420010110	• • O-RING	1				
10-7	1901745400	• VALVE, remote control	1				
11	X *****	VALVE SUB ASSY, control	1				see page (2/2)
12	X *****	VALVE ASSY, stop	1				
12-1	1901719800	• VALVE, stop	1				
12-2	0007236041	• ADAPTOR	1				
	1420010180	• • O-RING	1				
12-3	1515012042	• ELBOW	1				
	1420010180	• • O-RING	1				
12-4	0355000045	• BRACKET	1				
12-5	1141110008	• WASHER	2				
12-6	1140020008	• WASHER, spring	2				
12-7	1100040816	• BOLT	2				
13	X *****	VALVE ASSY, solenoid	1				
13-1	1901766300	• VALVE, solenoid	1				
13-2	1515600200	• ADAPTOR	1				
	1420010110	• • O-RING	1				
13-3	1515012040	• ELBOW	1				
	1420010110	• • O-RING	1				
13-4	1512370008	• ADAPTOR (with filter)	1				
	1420010110	• • O-RING	1				
13-5	1512370011	• TEE	1				
	1420010110	• • O-RING	1				
14	X *****	VALVE ASSY, remote control	1				
14-1	1513300022	• ELBOW	2				
	1420010110	• • O-RING	1				
14-2	1513370046	• BUSHING (with filter)	1				
	1420010110	• • O-RING	1				
14-3	1512370010	• TEE	2				
	1420010110	• • O-RING	1				
14-4	1515012040	• ELBOW	2				
	1420010110	• • O-RING	1				
14-5	1901735000	• VALVE, remote control	1				
15	1100040640	BOLT	4				
16	1100040660	BOLT	2				
17	1100040665	BOLT	2				

VALVE & ACCESSORIES (1/2)

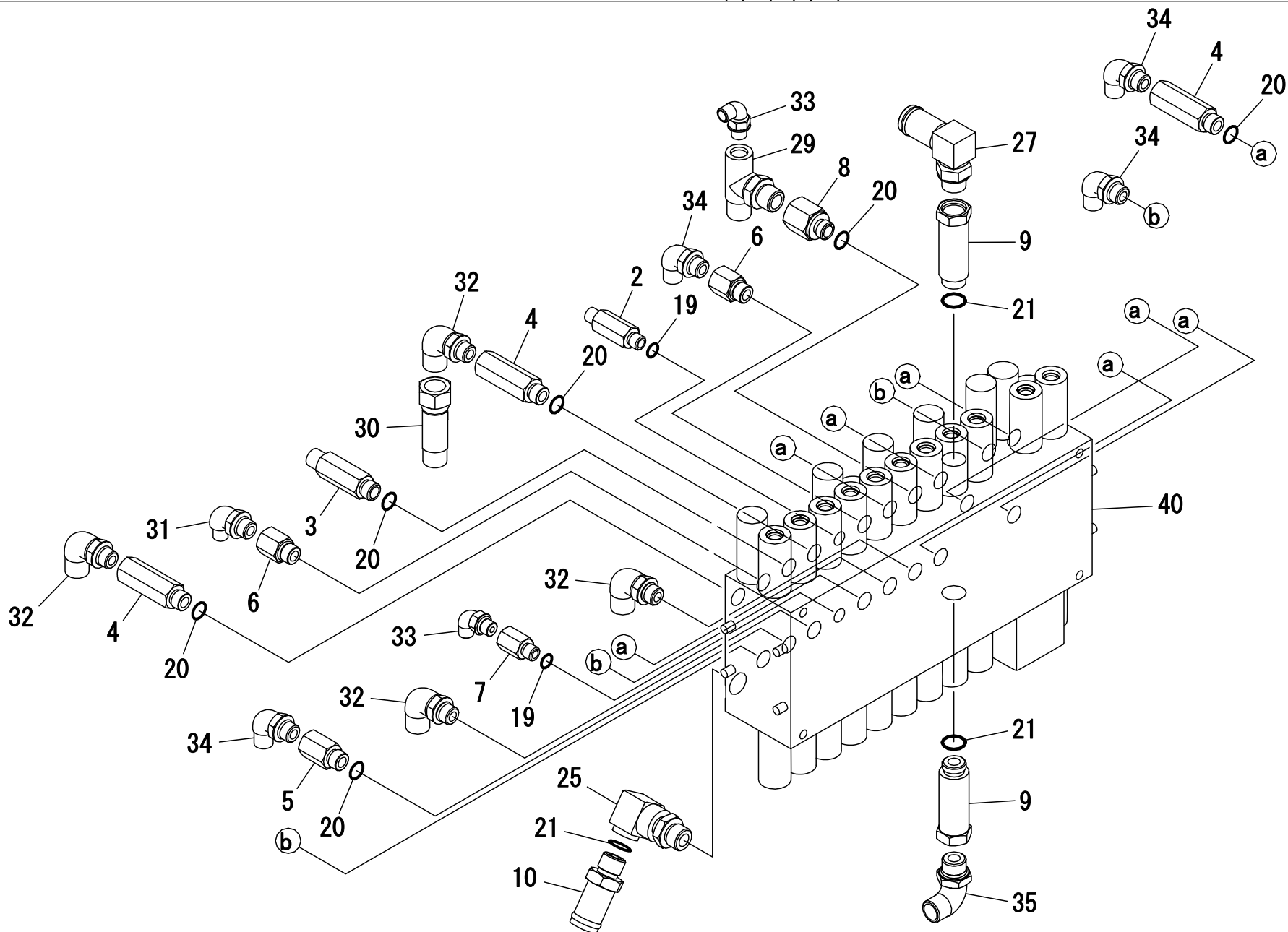
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
18	1100040816	BOLT	3				
19	1100040820	BOLT	7				
20	1100041035	BOLT	6				
21	1110040625	SCREW, cap	6				
22	1110041020	SCREW, cap	2				
23	1140020006	WASHER, spring	14				
24	1140020008	WASHER, spring	10				
25	1140020010	WASHER, spring	6				
26	1140420010	WASHER, spring	2				
27	1141110006	WASHER	10				
28	1141110008	WASHER	8				
29	1141110010	WASHER	4				
	E8d020						



E8D030a

Reference E8D030a

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E8D030b

Reference E8D030a

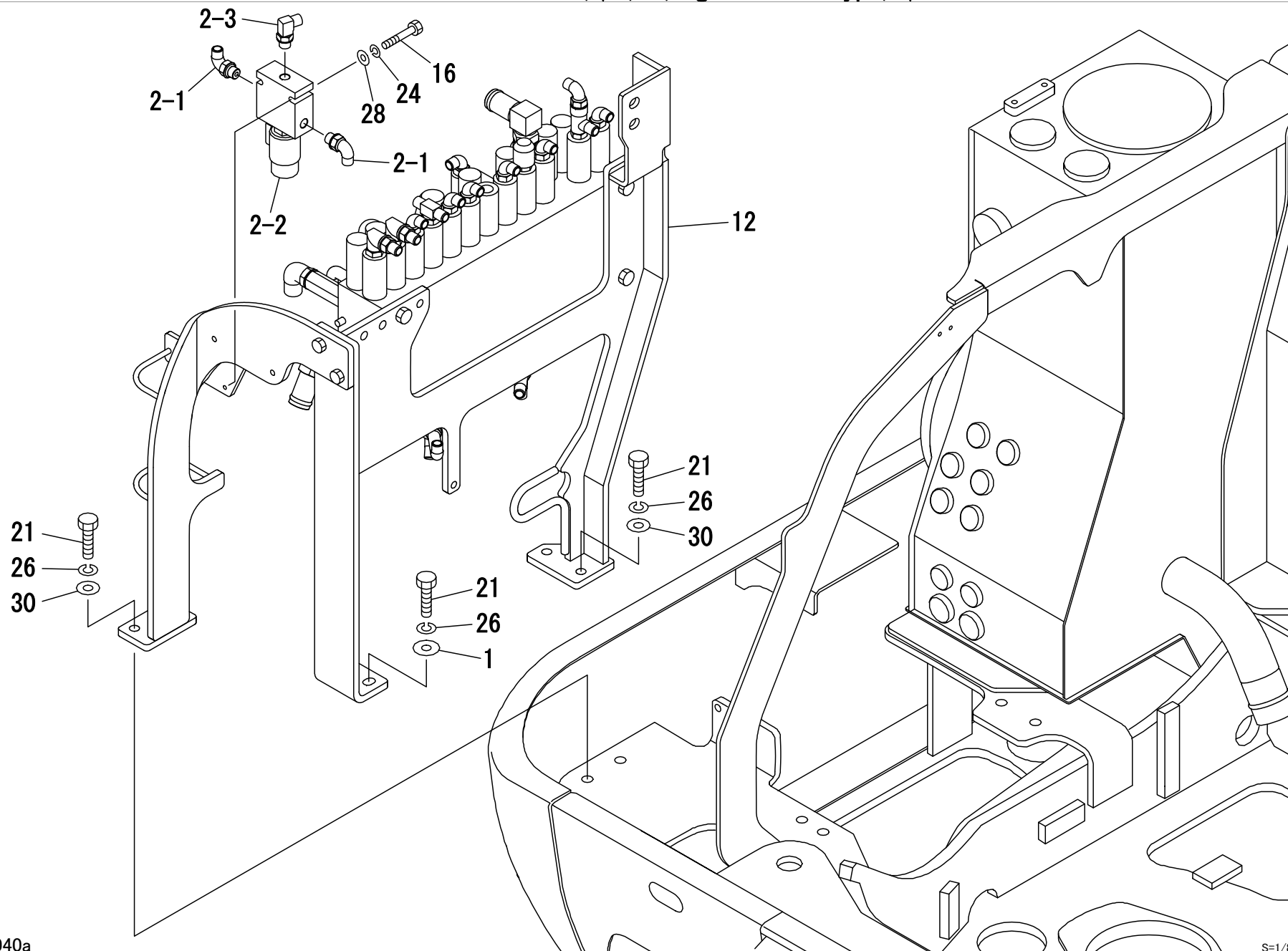
S=1/6

VALVE & ACCESSORIES (2/2)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0-1	X *****	VALVE SUB ASSY, control	1				
1	0003600079	• WASHER	2				
2	0007203022	• ADAPTOR	1				
3	0007203038	• ADAPTOR	1				
4	0007213014	• BUSHING	9				
5	0007213016	• BUSHING	1				
6	0007213023	• BUSHING	2				
	1420010140	• • O-RING	1				
7	0007213042	• BUSHING	1				
8	0007213064	• BUSHING	1				
9	0007213073	• BUSHING	2				
10	0007223015	• NIPPLE	1				
11	0355000033	• BRACKET	1				
12	0355000049	• BRACKET	1				
13	1100040830	• BOLT	2				
14	1100041025	• BOLT	3				
15	1140020008	• WASHER, spring	2				
16	1140020010	• WASHER, spring	3				
17	1141110010	• WASHER	3				
18	1141550010	• WASHER	3				
19	1420010110	• O-RING	2				
20	1420010140	• O-RING	12				
21	1420010180	• O-RING	3				
22	1512340001	• ELBOW	1				
	1420010110	• • O-RING	1				
23	1512370010	• TEE	1				
	1420010110	• • O-RING	1				
24	1512370011	• TEE	1				
	1420010110	• • O-RING	1				
25	1513300015	• ELBOW	1				
	1420010180	• • O-RING	1				
26	1513300022	• ELBOW	2				
	1420010110	• • O-RING	1				
27	1513350006	• NIPPLE	1				
	1420010180	• • O-RING	1				
28	1513370031	• TEE	1				
	1420010110	• • O-RING	1				
29	1513390014	• TEE	1				
	1420010180	• • O-RING	1				
30	1513390034	• TEE	1				
31	1515010050	• ELBOW	1				
	1420010140	• • O-RING	1				
32	1515010131	• ELBOW	4				
	1420010140	• • O-RING	1				
33	1515012040	• ELBOW	11				
	1420010110	• • O-RING	1				
34	1515012041	• ELBOW	12				
	1420010140	• • O-RING	1				
35	1515012042	• ELBOW	1				
	1420010180	• • O-RING	1				
36	1515012510	• ELBOW	1				
	1420010110	• • O-RING	1				
37	1515102110	• ELBOW	4				
	1420010110	• • O-RING	1				
38	1515600200	• ADAPTOR	5				
	1420010110	• • O-RING	1				

VALVE & ACCESSORIES (2/2)

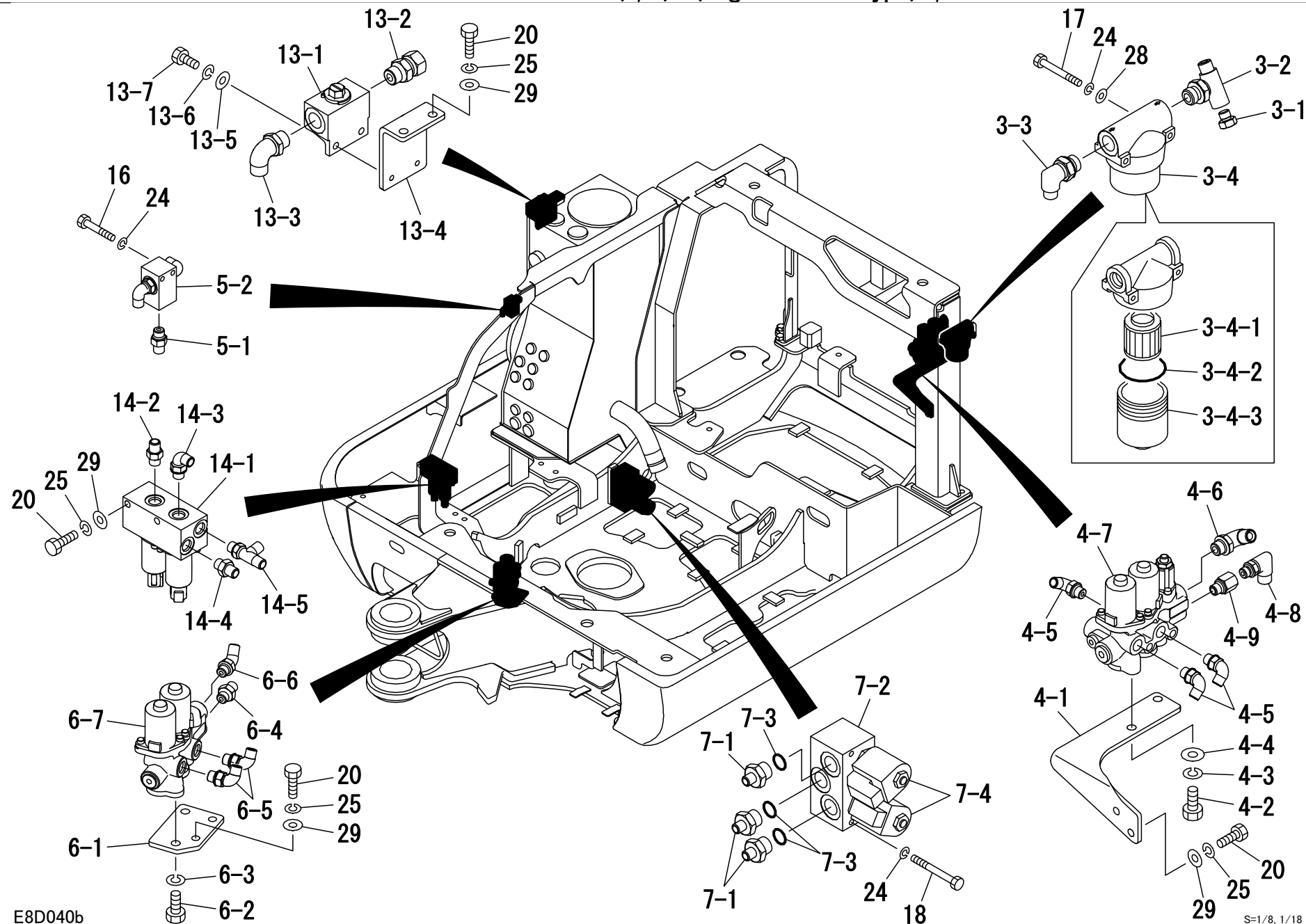
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
39	1700100121	· SWITCH, pressure	1				
40	1901055600 E8d030	· VALVE, control	1				



E8D040a

Reference E8D040a

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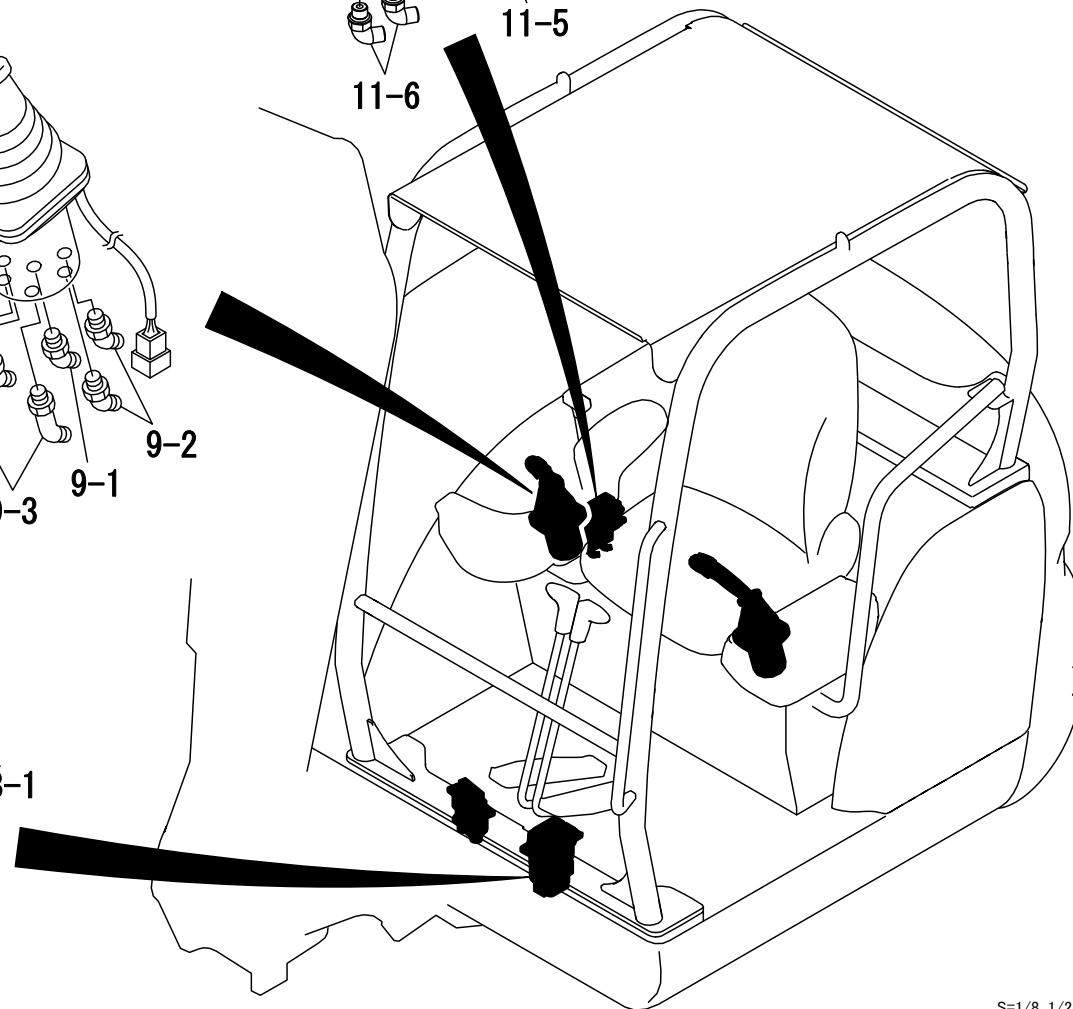
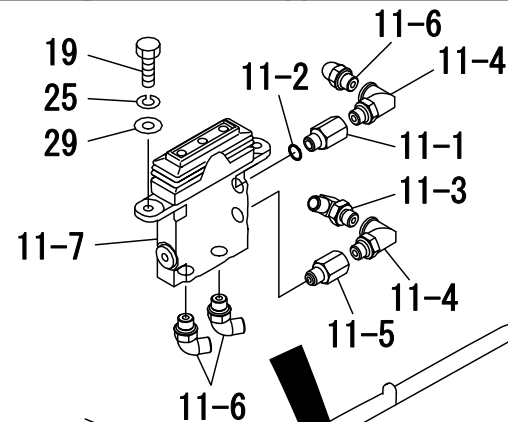
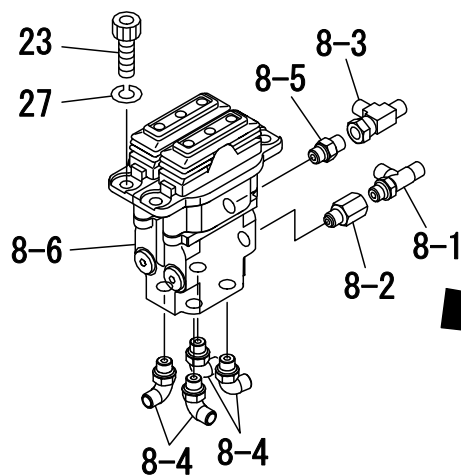
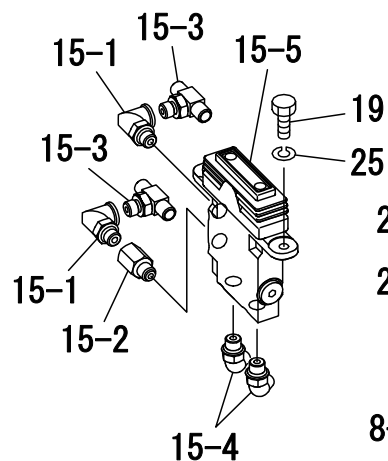
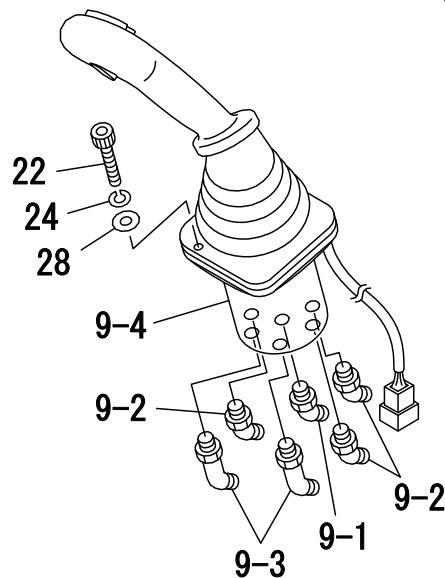
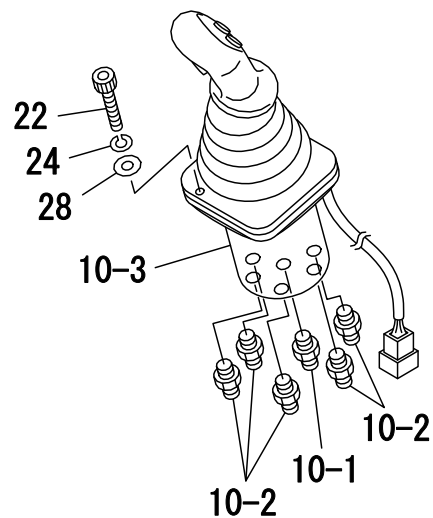
E8D040b

Reference E8D040a

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E8D040c

Reference E8D040a

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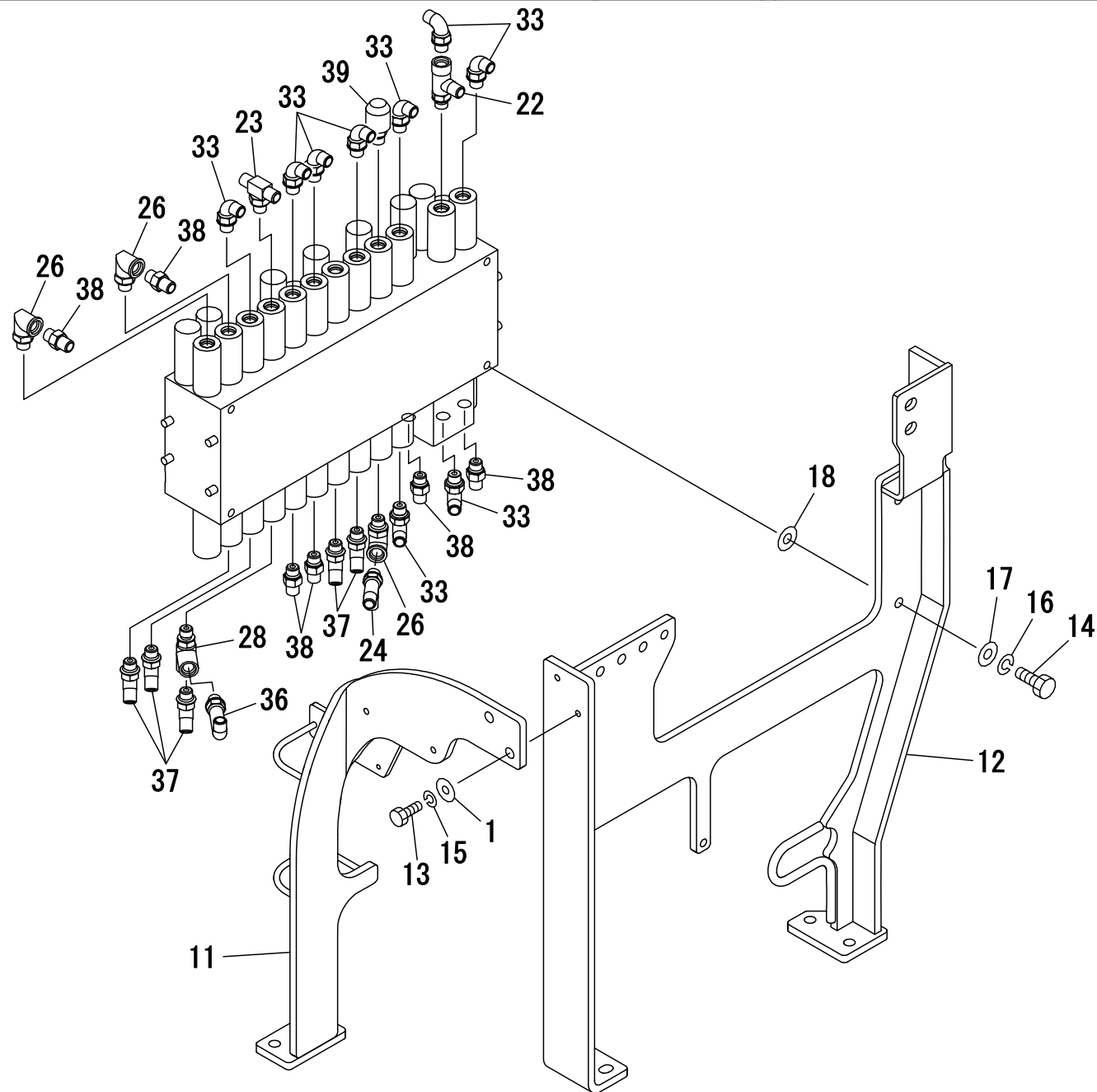
VALVE & ACCESSORIES (1/2) (angle blade type)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	0003600020	VALVE ASSY, control	2				
2	X *****	WASHER	1				
2-1	1515012040	VALVE ASSY, solenoid	2				
	1420010110	• ELBOW	1				
2-2	1901764200	• O-RING	1				
2-3	0575002030	• VALVE, solenoid	1				
	1420010110	• ELBOW	1				
	1420010110	• O-RING	1				
3	X *****	FILTER ASSY	1				
3-1	1501750002	• PLUG	1				
	1420010110	• O-RING	1				
3-2	1512350003	• ELBOW	1				
	1420010180	• O-RING	1				
3-3	1515010051	• ELBOW	1				
	1420010180	• O-RING	1				
3-4	1551200700	• FILTER	1				
3-4-1	1551200703	• ELEMENT	1				
3-4-2	1551200704	• O-RING	1				
3-4-3	1551200705	• CASE	1				
4	X *****	VALVE ASSY, solenoid	1				
4-1	0355000032	• BRACKET	1				
4-2	1100041020	• BOLT	2				
4-3	1140020010	• WASHER, spring	2				
4-4	1141110010	• WASHER	2				
4-5	1515012040	• ELBOW	3				
	1420010110	• O-RING	1				
4-6	1515012041	• ELBOW	1				
	1420010140	• O-RING	1				
4-7	1901762800	• VALVE, solenoid	1				
4-8	1515010130	• ELBOW	1				
	1420010110	• O-RING	1				
4-9	1513250202	• BUSHING	1				
	1420010110	• O-RING	1				
5	X *****	VALVE ASSY, shuttle	1				
5-1	1515600200	• ADAPTOR	1				
	1420010110	• O-RING	1				
5-2	1901736600	• VALVE, shuttle	1				
6	X *****	VALVE ASSY, solenoid	1				
6-1	0355000028	• PLATE	1				
6-2	1100041020	• BOLT	2				
6-3	1140020010	• WASHER, spring	2				
6-4	1512370008	• ADAPTOR (with filter)	1				
	1420010110	• O-RING	1				
6-5	1515012040	• ELBOW	2				
	1420010110	• O-RING	1				
6-6	1515102110	• ELBOW	1				
	1420010110	• O-RING	1				
6-7	1901751000	• VALVE, solenoid	1				
7	X *****	VALVE ASSY, solenoid	1				
7-1	0007200089	• ADAPTOR	3				
7-2	0881501100	• BLOCK, valve	1				
7-3	1420010180	• O-RING	3				
7-4	1901759600	• VALVE, solenoid	2				
8	X *****	VALVE ASSY, remote control	1				
8-1	1512370011	• TEE	1				
	1420010110	• O-RING	1				

VALVE & ACCESSORIES (1/2) (angle blade type)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
8-2	1513370046	• BUSHING (with filter)	1				
	1420010110	• • O-RING	1				
8-3	1513390015	• TEE	1				
8-4	1515012040	• ELBOW	4				
	1420010110	• • O-RING	1				
8-5	1515600200	• ADAPTOR	1				
	1420010110	• • O-RING	1				
8-6	1901750500	• VALVE, remote control	1				
9	X *****	VALVE ASSY, pilot (L.H.)	1				
9-1	1512370012	• ELBOW (with filter)	1				
	1420010110	• • O-RING	1				
9-2	1515102110	• ELBOW	3				
	1420010110	• • O-RING	1				
9-3	1515102540	• ELBOW	2				
9-4	1901758100	• VALVE, pilot (L.H.)	1				
10	X *****	VALVE ASSY, pilot (R.H.)	1				
10-1	1512370008	• ADAPTOR (with filter)	1				
	1420010110	• • O-RING	1				
10-2	1515600200	• ADAPTOR	5				
	1420010110	• • O-RING	1				
10-3	1901766000	• VALVE, pilot (R.H.)	1				
11	X *****	VALVE ASSY, remote control	1				
11-1	0007213042	• BUSHING	1				
11-2	1420010110	• O-RING	1				
11-3	1512370010	• TEE	1				
	1420010110	• • O-RING	1				
11-4	1513300022	• ELBOW	2				
	1420010110	• • O-RING	1				
11-5	1513370046	• BUSHING (with filter)	1				
	1420010110	• • O-RING	1				
11-6	1515012040	• ELBOW	3				
	1420010110	• • O-RING	1				
11-7	1901745400	• VALVE, remote control	1				
12	X *****	VALVE SUB ASSY, control	1				see page (2/2)
13	X *****	VALVE ASSY, stop	1				
13-1	1901719800	• VALVE, stop	1				
13-2	0007236041	• ADAPTOR	1				
	1420010180	• • O-RING	1				
13-3	1515012042	• ELBOW	1				
	1420010180	• • O-RING	1				
13-4	0355000045	• BRACKET	1				
13-5	1141110008	• WASHER	2				
13-6	1140020008	• WASHER, spring	2				
13-7	1100040816	• BOLT	2				
14	X *****	VALVE ASSY, solenoid	1				
14-1	1901766300	• VALVE, solenoid	1				
14-2	1515600200	• ADAPTOR	1				
	1420010110	• • O-RING	1				
14-3	1515012040	• ELBOW	1				
	1420010110	• • O-RING	1				
14-4	1512370008	• ADAPTOR (with filter)	1				
	1420010110	• • O-RING	1				
14-5	1512370011	• TEE	1				
	1420010110	• • O-RING	1				
15	X *****	VALVE ASSY, remote control	1				
15-1	1513300022	• ELBOW	2				

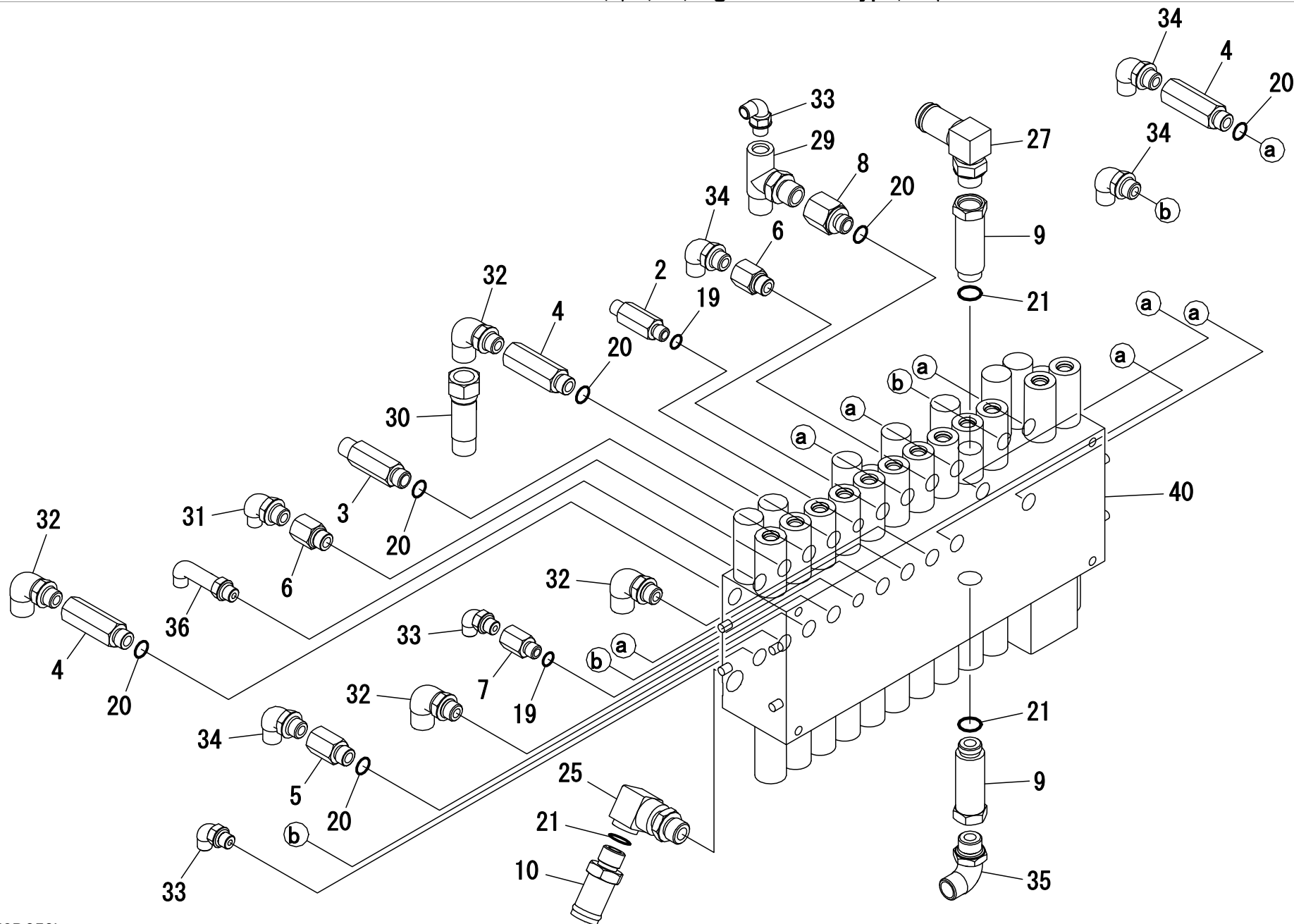
VALVE & ACCESSORIES (1/2) (angle blade type)					
Item	Part number	Description	Q'ty	Chan.	Serial No. Serv. Remarks
15-1	1420010110	• • O-RING	1		
15-2	1513370046	• BUSHING (with filter)	1		
	1420010110	• • O-RING	1		
15-3	1512370010	• TEE	2		
	1420010110	• • O-RING	1		
15-4	1515012040	• ELBOW	2		
	1420010110	• • O-RING	1		
15-5	1901735000	• VALVE, remote control	1		
16	1100040640	BOLT	4		
17	1100040660	BOLT	2		
18	1100040665	BOLT	2		
19	1100040816	BOLT	4		
20	1100040820	BOLT	8		
21	1100041035	BOLT	6		
22	1110040625	SCREW, cap	6		
23	1110041020	SCREW, cap	2		
24	1140020006	WASHER, spring	14		
25	1140020008	WASHER, spring	12		
26	1140020010	WASHER, spring	6		
27	1140420010	WASHER, spring	2		
28	1141110006	WASHER	10		
29	1141110008	WASHER	10		
30	1141110010	WASHER	4		
	E8d040				



E8D050a

Reference E8D050a

S=1/8



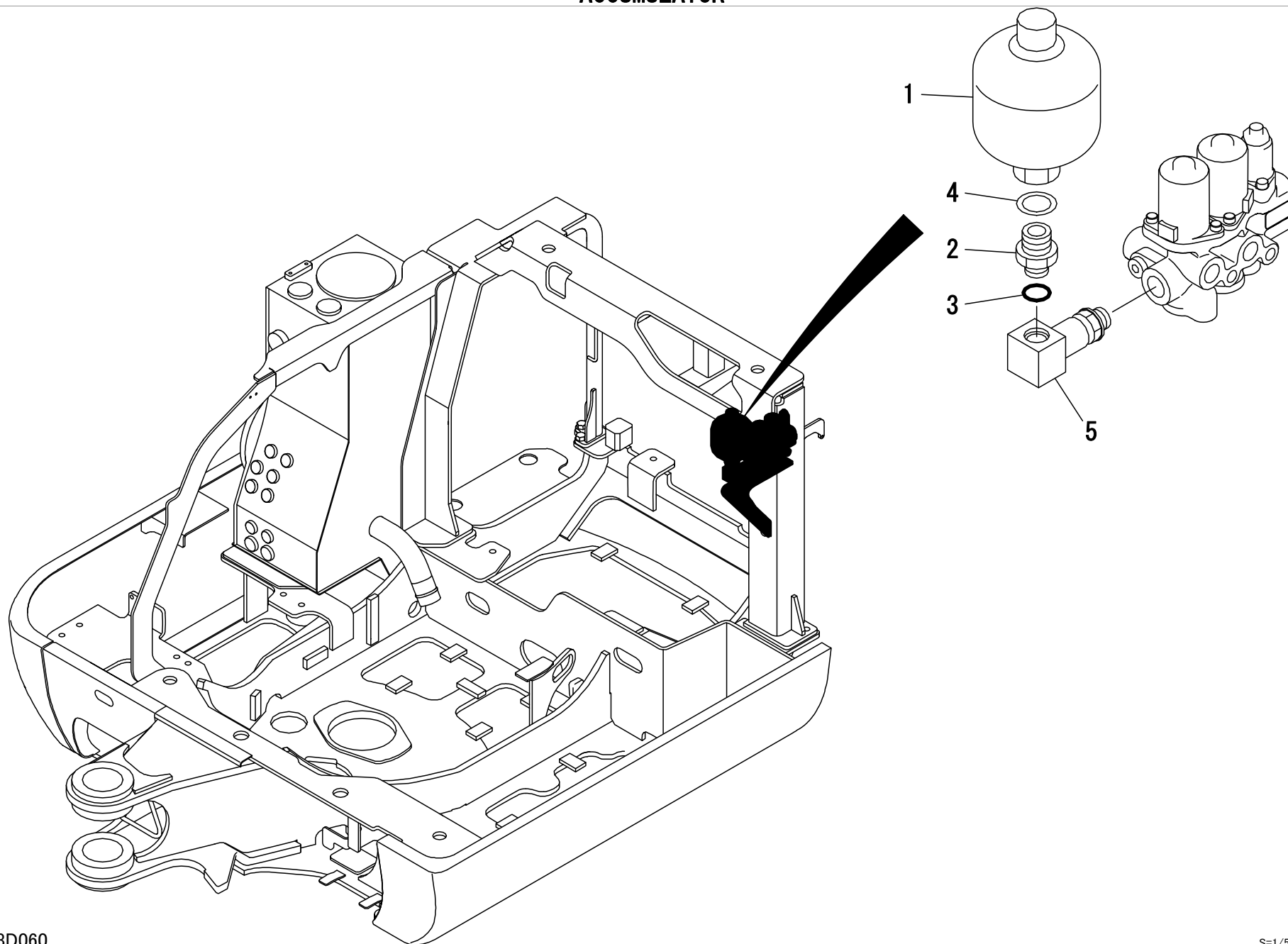
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Reference E8D050a

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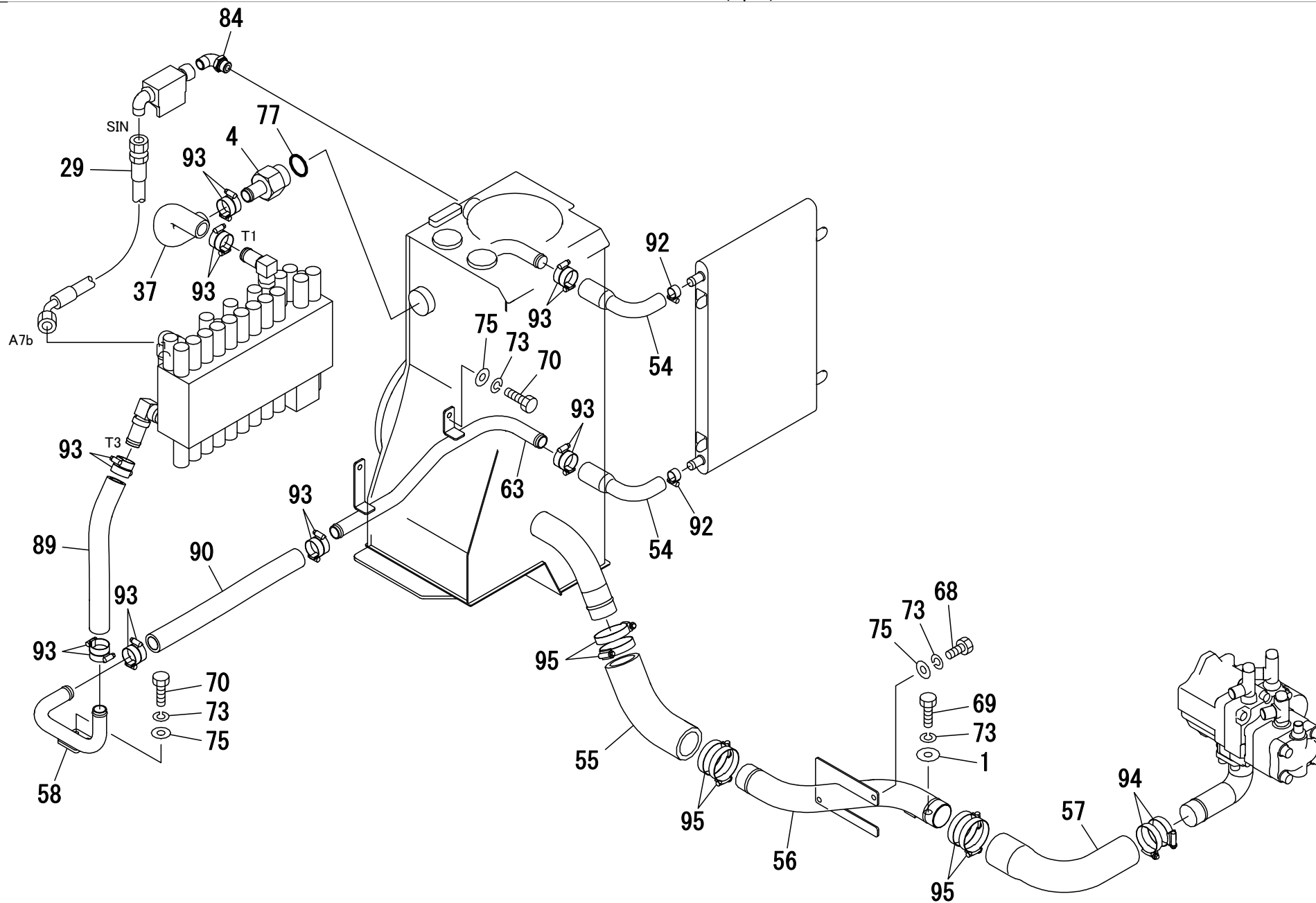
VALVE & ACCESSORIES (2/2) (angle blade type)					
Item	Part number	Description	Q'ty	Chan.	Serial No. Serv. Remarks
0-1	X *****	VALVE SUB ASSY, control	1		
1	0003600079	• WASHER	2		
2	0007203022	• ADAPTOR	1		
3	0007203038	• ADAPTOR	1		
4	0007213014	• BUSHING	9		
5	0007213016	• BUSHING	1		
6	0007213023	• BUSHING	2		
	1420010140	• • O-RING	1		
7	0007213042	• BUSHING	1		
8	0007213064	• BUSHING	1		
9	0007213073	• BUSHING	2		
10	0007223015	• NIPPLE	1		
11	0355000033	• BRACKET	1		
12	0355000049	• BRACKET	1		
13	1100040830	• BOLT	2		
14	1100041025	• BOLT	3		
15	1140020008	• WASHER, spring	2		
16	1140020010	• WASHER, spring	3		
17	1141110010	• WASHER	3		
18	1141550010	• WASHER	3		
19	1420010110	• O-RING	2		
20	1420010140	• O-RING	12		
21	1420010180	• O-RING	3		
22	1512340001	• ELBOW	1		
	1420010110	• • O-RING	1		
23	1512370010	• TEE	1		
	1420010110	• • O-RING	1		
24	1512370011	• TEE	1		
	1420010110	• • O-RING	1		
25	1513300015	• ELBOW	1		
	1420010180	• • O-RING	1		
26	1513300022	• ELBOW	3		
	1420010110	• • O-RING	1		
27	1513350006	• NIPPLE	1		
	1420010180	• • O-RING	1		
28	1513370031	• TEE	1		
	1420010110	• • O-RING	1		
29	1513390014	• TEE	1		
	1420010180	• • O-RING	1		
30	1513390034	• TEE	1		
31	1515010050	• ELBOW	1		
	1420010140	• • O-RING	1		
32	1515010131	• ELBOW	4		
	1420010140	• • O-RING	1		
33	1515012040	• ELBOW	12		
	1420010110	• • O-RING	1		
34	1515012041	• ELBOW	12		
	1420010140	• • O-RING	1		
35	1515012042	• ELBOW	1		
	1420010180	• • O-RING	1		
36	1515012510	• ELBOW	2		
	1420010110	• • O-RING	1		
37	1515102110	• ELBOW	5		
	1420010110	• • O-RING	1		
38	1515600200	• ADAPTOR	6		
	1420010110	• • O-RING	1		

VALVE & ACCESSORIES (2/2) (angle blade type)						
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
39	1700100121	· SWITCH, pressure	1			
40	1901055670	· VALVE, control	1			
	E8d050					



ACCUMULATOR

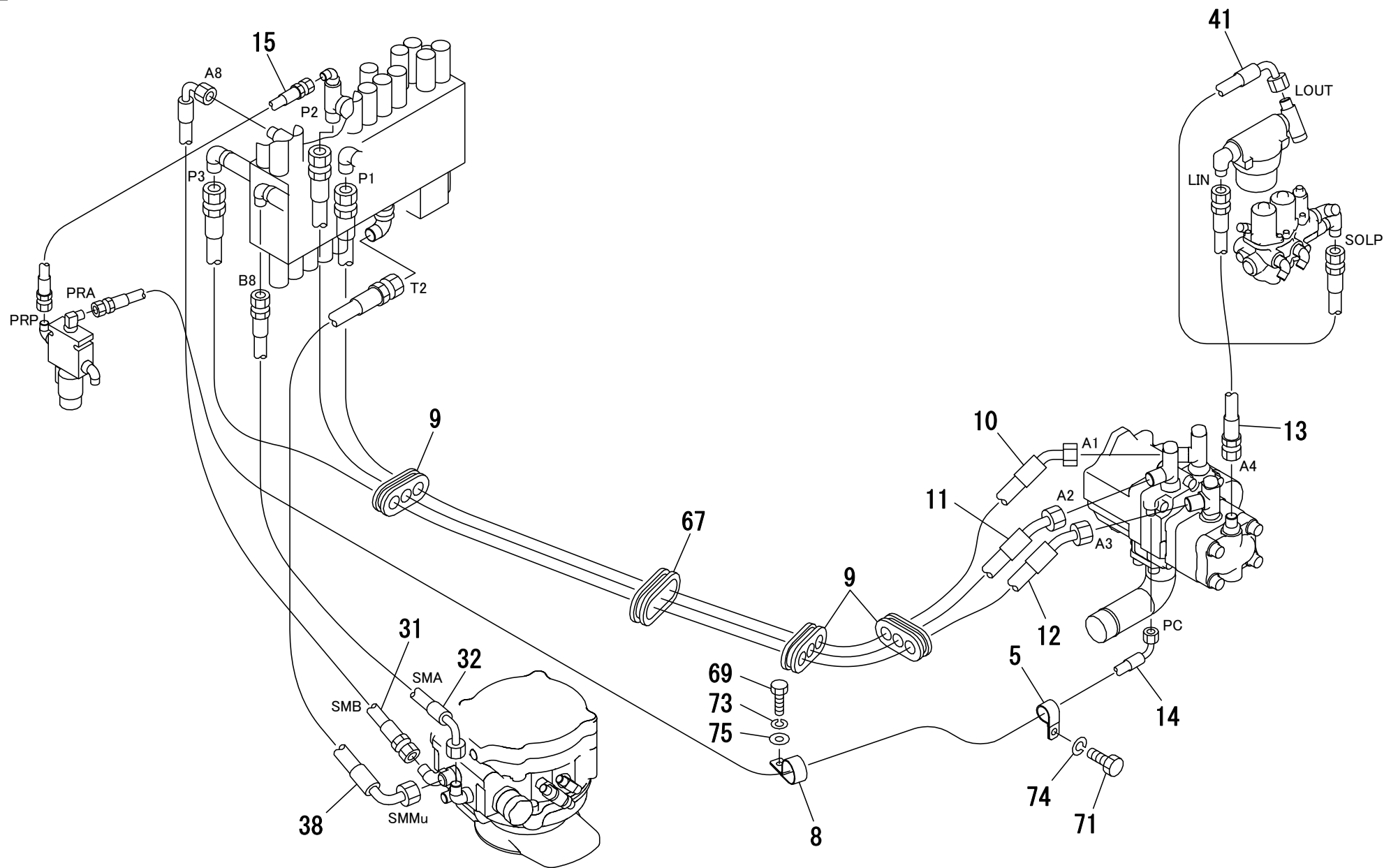
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		ACCUMULATOR ASSY					
1	1552200020	· ACCUMULATOR	1				
2	0007200223	· ADAPTOR	1				
3	1420010140	· O-RING	1				
4	1432160004	· WASHER	1				
5	1513300018	· ELBOW	1				
	1420010140	· · O-RING	1				
	E8d060						

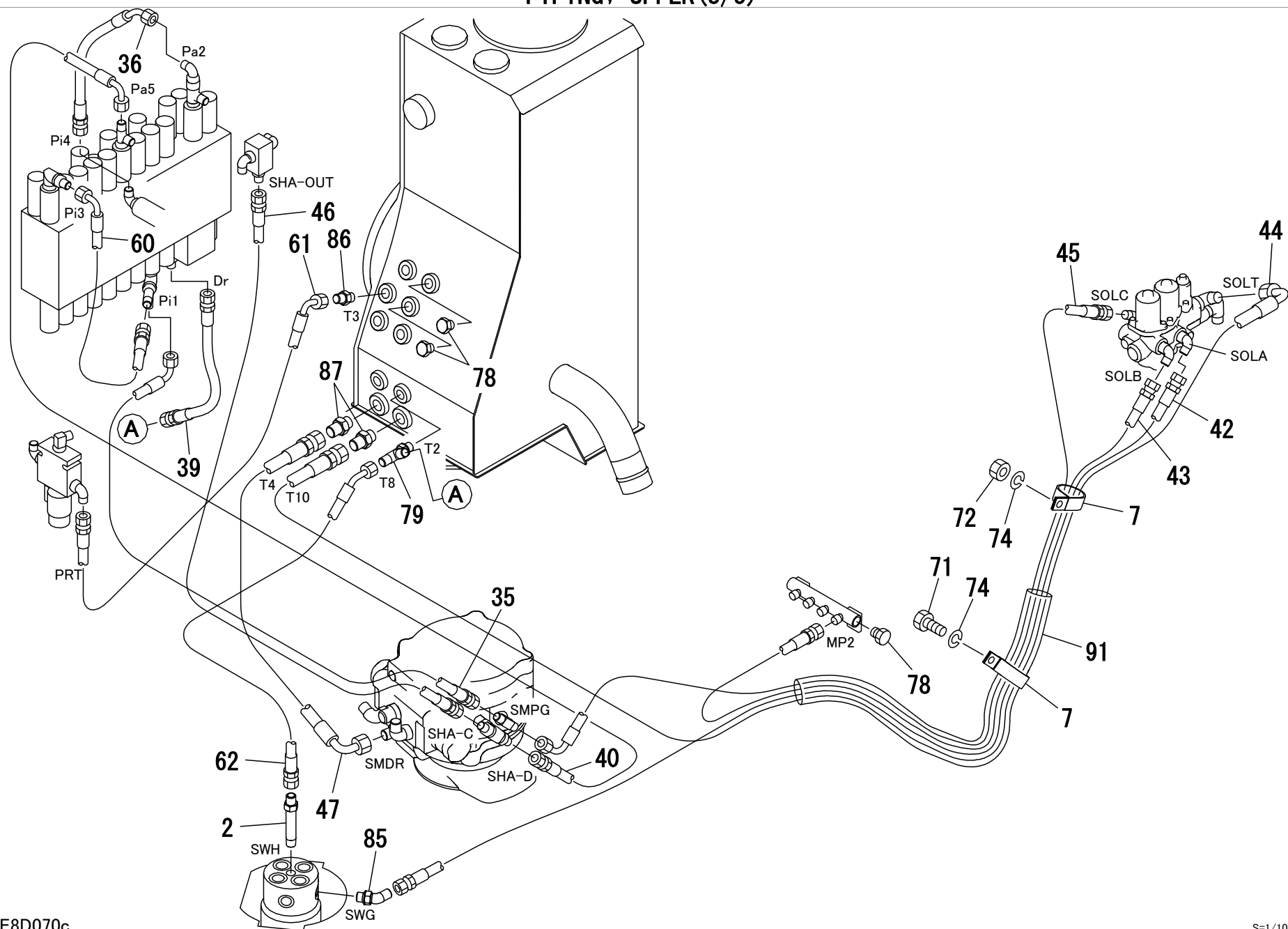


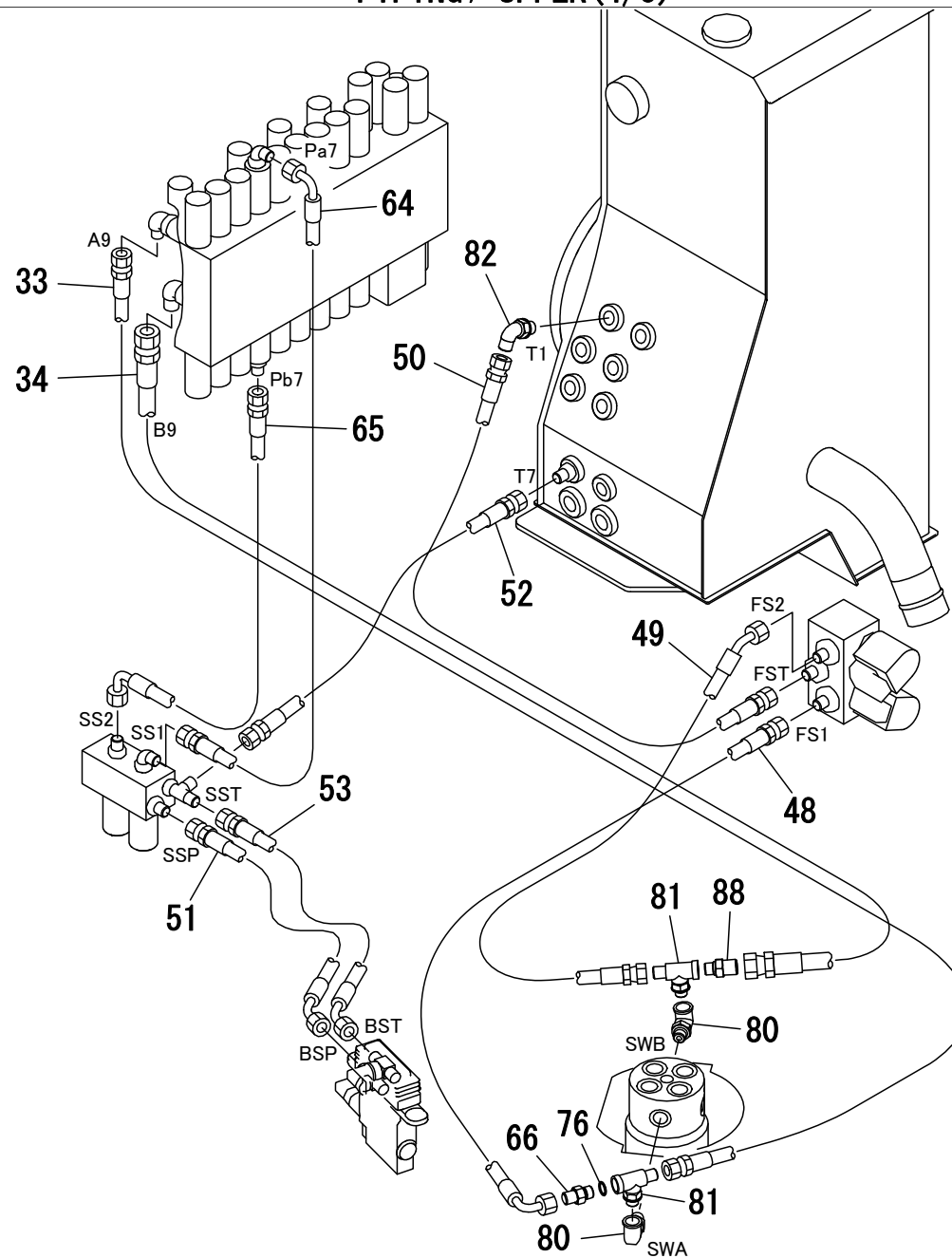
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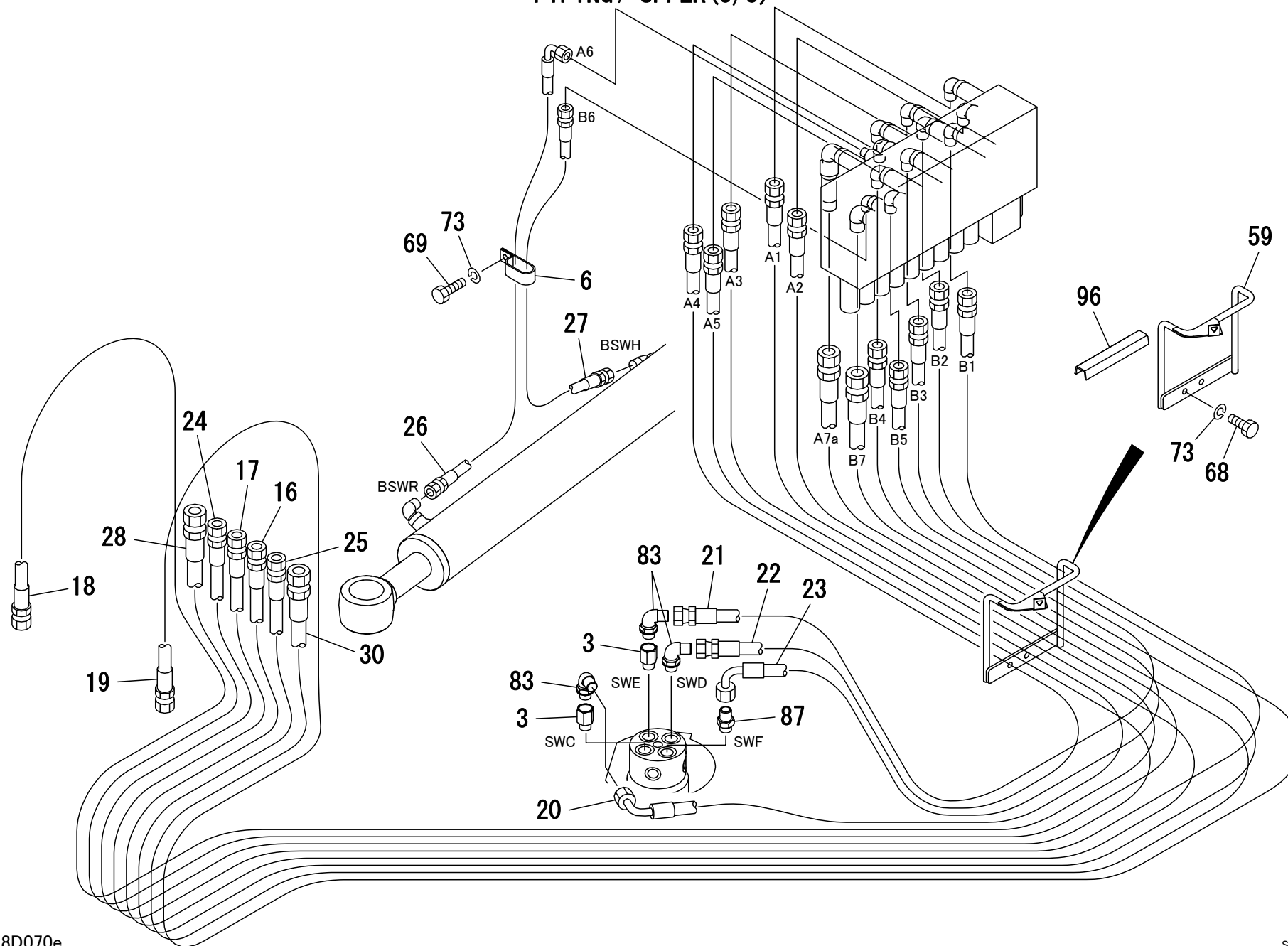
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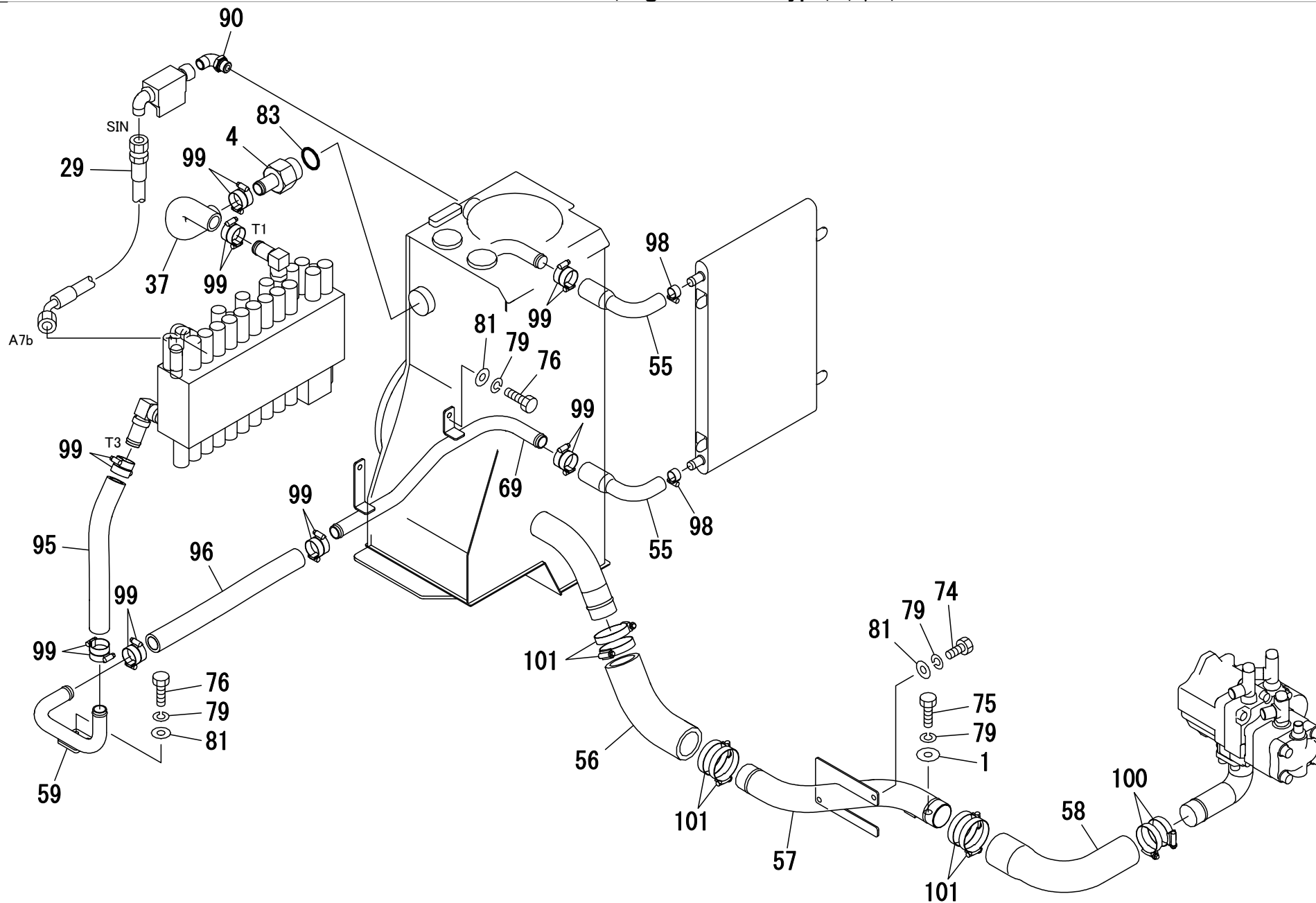




Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	PIPING; UPPER
							Remarks
		PIPING ASSY, upper					
1	0003608252	WASHER	1				
2	0007203094	ADAPTOR	1				
3	0007213023	BUSHING	2				
	1420010140	· O-RING	1				
4	0007224018	NIPPLE	1				
5	0007300001	CLAMP	1				
6	0007300019	CLAMP	1				
7	0007300030	CLAMP	2				
8	0007300039	CLAMP	1				
9	0097022400	GUARD	3				
10	0357000006	HOSE ASSY	1				18015-47150
11	0357000007	HOSE ASSY	1				18015-47158
12	0357000008	HOSE ASSY	1				18015-47180
13	0357000009	HOSE ASSY	1				18010-23046
14	0357000010	HOSE ASSY	1				18015-01185
15	0357000011	HOSE ASSY	1				18015-00048
16	0357000013	HOSE ASSY	1				18019-20315
17	0357000014	HOSE ASSY	1				18019-20295
18	0357000015	HOSE ASSY	1				18019-20401
19	0357000016	HOSE ASSY	1				18019-20391
20	0357000017	HOSE ASSY	1				18015-21144
21	0357000018	HOSE ASSY	1				18015-20132
22	0357000019	HOSE ASSY	1				18015-20140
23	0357000020	HOSE ASSY	1				18015-21132
24	0357000021	HOSE ASSY	1				18019-20310
25	0357000022	HOSE ASSY	1				18019-20305
26	0357000023	HOSE ASSY	1				18017-01104
27	0357000024	HOSE ASSY	1				18017-00070
28	0357000025	HOSE ASSY	1				18019-40305
29	0357000026	HOSE ASSY	1				18015-47044
30	0357000027	HOSE ASSY	1				18019-40300
31	0357000028	HOSE ASSY	1				18045-21072
32	0357000029	HOSE ASSY	1				18045-21072
33	0357000030	HOSE ASSY	1				18015-00132
34	0357000031	HOSE ASSY	1				18015-20120
35	0357000042	HOSE ASSY	1				19348-52100
36	0357000045	HOSE ASSY	1				19348-72032
37	0357000046	HOSE	1				
38	0357000047	HOSE ASSY	1				18010-54068
39	0357000049	HOSE ASSY	1				18010-22024
40	0357000050	HOSE ASSY	1				18010-52145
41	0357000056	HOSE ASSY	1				18010-53078
42	0357000057	HOSE ASSY	1				18010-22170
43	0357000058	HOSE ASSY	1				19348-22074
44	0357000059	HOSE ASSY	1				18010-53240
45	0357000060	HOSE ASSY	1				18010-52165
46	0357000061	HOSE ASSY	1				18010-22122
47	0357000062	HOSE ASSY	1				18010-53068
48	0357000070	HOSE ASSY	1				18015-01070
49	0357000071	HOSE ASSY	1				18015-07062
50	0357000072	HOSE ASSY	1				18010-22088
51	0357000086	HOSE ASSY	1				19348-72050
52	0357000087	HOSE ASSY	1				19348-22030
53	0357000088	HOSE ASSY	1				19348-72052
54	0357000089	HOSE	2				

						PIPING; UPPER
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
55	0357000090	HOSE	1			
56	0357000091	PIPE	1			
57	0357000095	HOSE	1			
58	0357000096	PIPE	1			
59	0357000099	GUIDE, hose	1			
60	0357000113	HOSE ASSY	1			19348-52050
61	0357000114	HOSE ASSY	1			18010-52086
62	0357000115	HOSE ASSY	1			18010-79082
63	0357000117	PIPE	1			
64	0357000121	HOSE ASSY	1			19348-52065
65	0357000122	HOSE ASSY	1			19348-52046
66	0372101340	ADAPTOR	1			
	1420010110	· O-RING	1			
67	0377000111	GROMMET	1			
68	1100040816	BOLT	4			
69	1100040820	BOLT	3			
70	1100040825	BOLT	4			
71	1100041020	BOLT	2			
72	1130040010	NUT	1			
73	1140020008	WASHER, spring	11			
74	1140020010	WASHER, spring	3			
75	1141110008	WASHER	7			
76	1420010110	O-RING	1			
77	1420010380	O-RING	1			
78	1501750002	PLUG	3			
	1420010110	· O-RING	1			
79	1512370011	TEE	1			
	1420010110	· O-RING	1			
80	1513300022	ELBOW	2			
	1420010110	· O-RING	1			
81	1513390029	TEE	2			
	1420010110	· O-RING	1			
82	1515012040	ELBOW	1			
	1420010110	· O-RING	1			
83	1515012041	ELBOW	3			
	1420010140	· O-RING	1			
84	1515012042	ELBOW	1			
	1420010180	· O-RING	1			
85	1515102110	ELBOW	1			
	1420010110	· O-RING	1			
86	1515600200	ADAPTOR	1			
	1420010110	· O-RING	1			
87	1515600201	ADAPTOR	3			
	1420010140	· O-RING	1			
88	1515600571	ADAPTOR	1			
	1420010110	· O-RING	1			
89	1530525031	HOSE	1			sold by the meter
90	1530525039	HOSE	1			sold by the meter
91	1531335066	PROTECTOR	1			sold by the meter
92	1533700025	BAND	2			
93	1533700041	BAND	16			
94	1533700060	BAND	2			
95	1533700070	BAND	6			
96	1654640013	TRIM	1			
	E8d070					

Memo

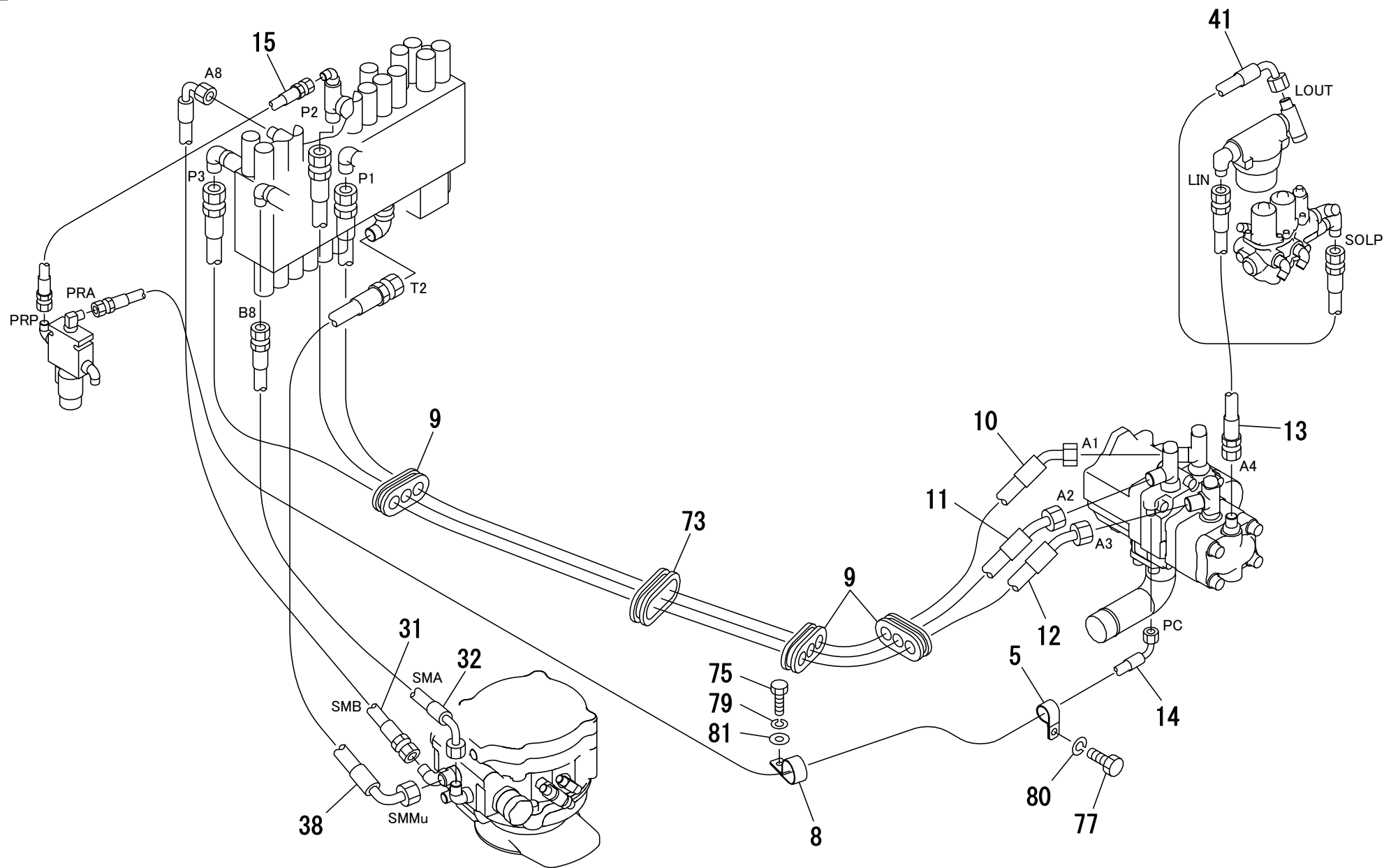


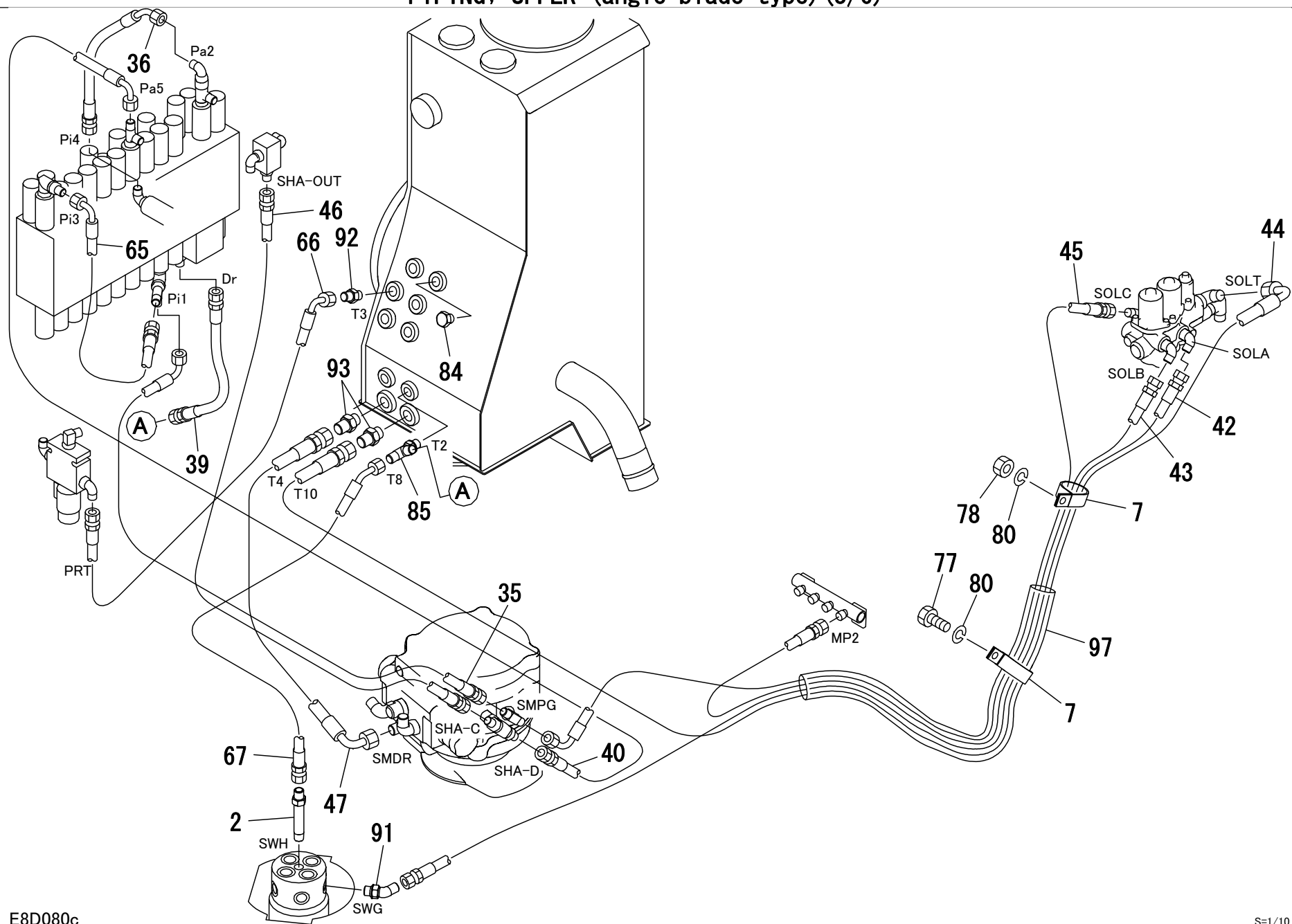
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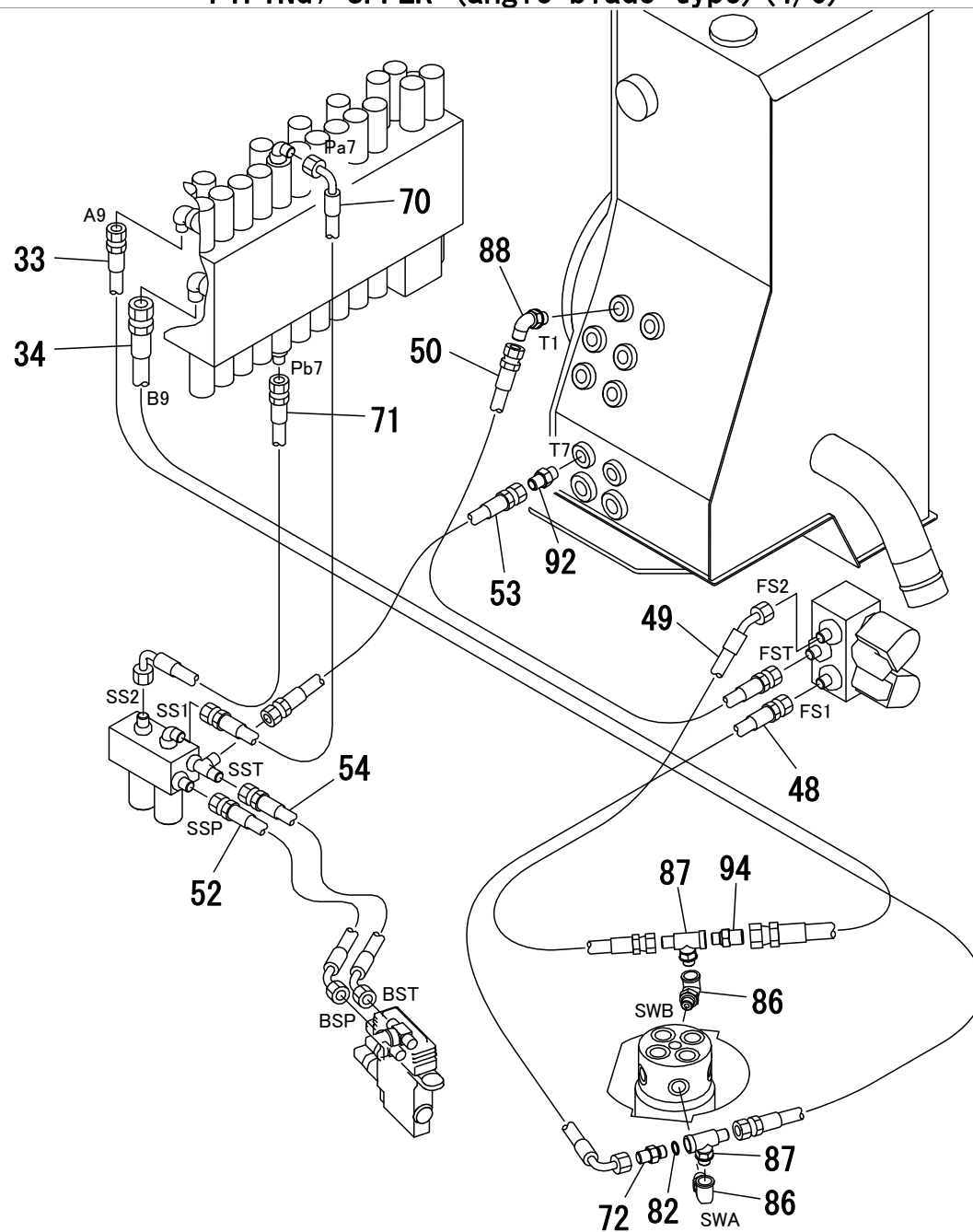
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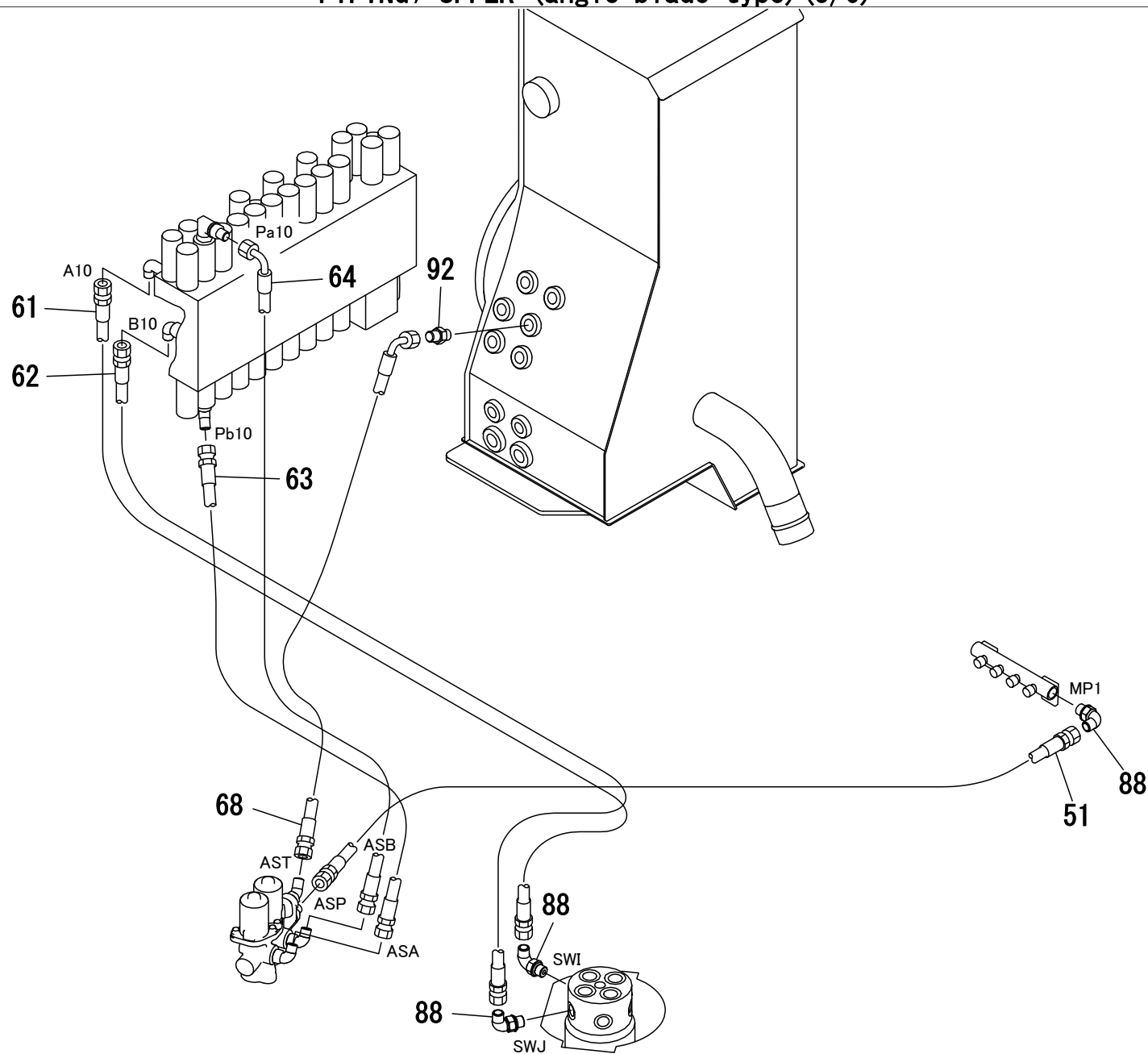
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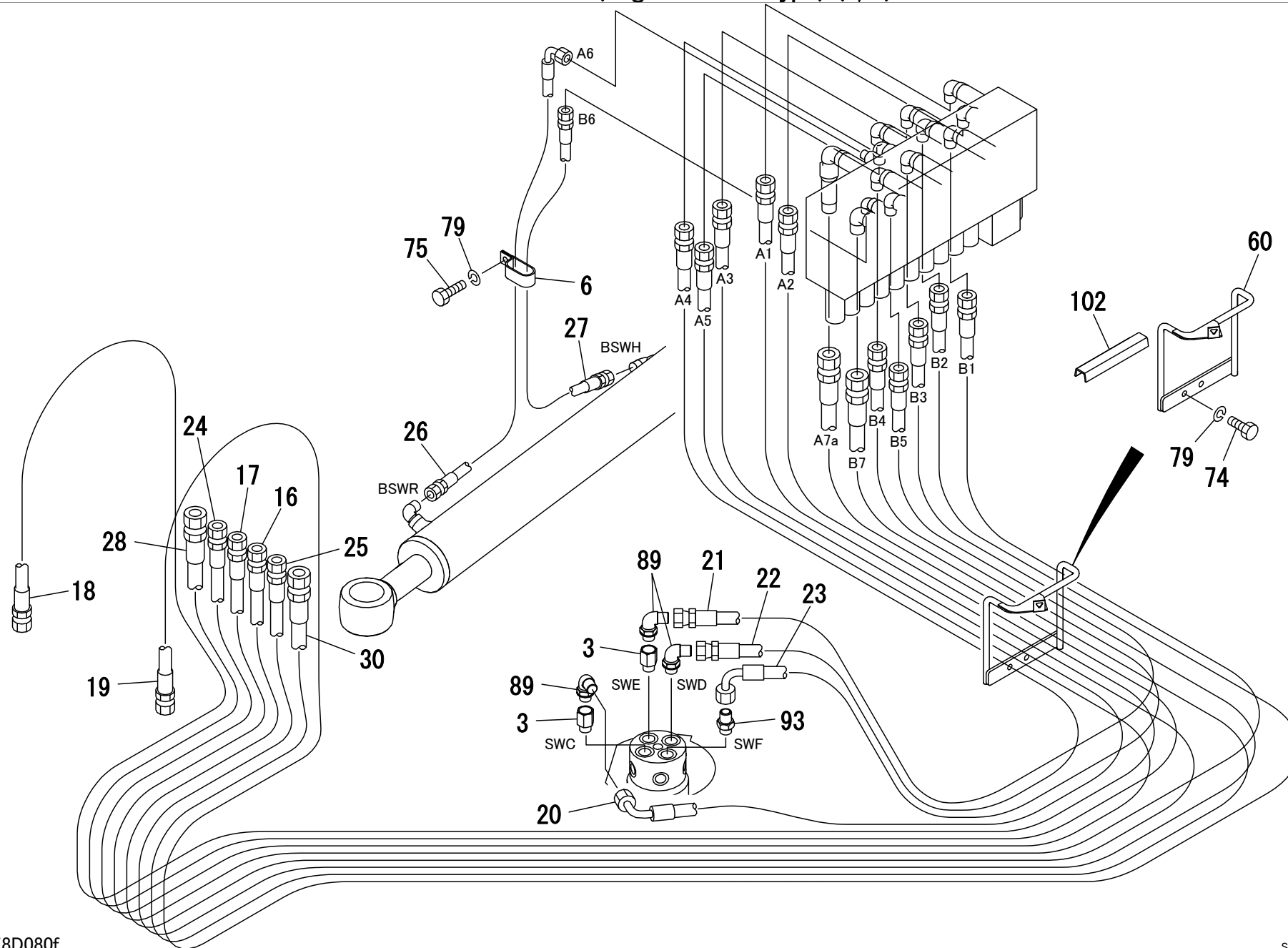
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E8D080f

Reference E8D080a

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PIPING; UPPER (angle blade type)

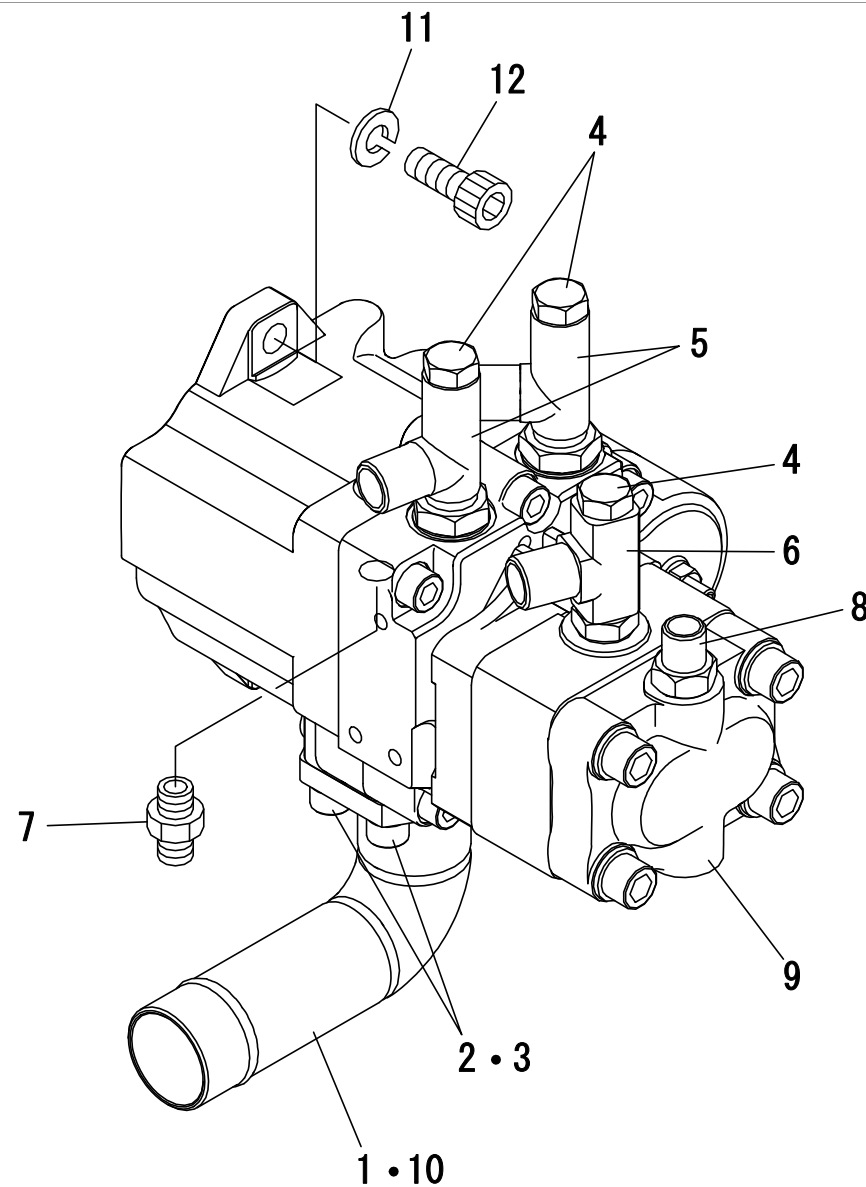
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		PIPING ASSY, upper					
1	0003608252	WASHER	1				
2	0007203094	ADAPTOR	1				
3	0007213023	BUSHING	2				
	1420010140	O-RING	1				
4	0007224018	NIPPLE	1				
5	0007300001	CLAMP	1				
6	0007300019	CLAMP	1				
7	0007300030	CLAMP	2				
8	0007300039	CLAMP	1				
9	0097022400	GUARD	3				
10	0357000006	HOSE ASSY	1				18015-47150
11	0357000007	HOSE ASSY	1				18015-47158
12	0357000008	HOSE ASSY	1				18015-47180
13	0357000009	HOSE ASSY	1				18010-23046
14	0357000010	HOSE ASSY	1				18015-01185
15	0357000011	HOSE ASSY	1				18015-00048
16	0357000013	HOSE ASSY	1				18019-20315
17	0357000014	HOSE ASSY	1				18019-20295
18	0357000015	HOSE ASSY	1				18019-20401
19	0357000016	HOSE ASSY	1				18019-20391
20	0357000017	HOSE ASSY	1				18015-21144
21	0357000018	HOSE ASSY	1				18015-20132
22	0357000019	HOSE ASSY	1				18015-20140
23	0357000020	HOSE ASSY	1				18015-21132
24	0357000021	HOSE ASSY	1				18019-20310
25	0357000022	HOSE ASSY	1				18019-20305
26	0357000023	HOSE ASSY	1				18017-01104
27	0357000024	HOSE ASSY	1				18017-00070
28	0357000025	HOSE ASSY	1				18019-40305
29	0357000026	HOSE ASSY	1				18015-47044
30	0357000027	HOSE ASSY	1				18019-40300
31	0357000028	HOSE ASSY	1				18045-21072
32	0357000029	HOSE ASSY	1				18045-21072
33	0357000030	HOSE ASSY	1				18015-00132
34	0357000031	HOSE ASSY	1				18015-20120
35	0357000042	HOSE ASSY	1				19348-52100
36	0357000045	HOSE ASSY	1				19348-72032
37	0357000046	HOSE	1				
38	0357000047	HOSE ASSY	1				18010-54068
39	0357000049	HOSE ASSY	1				18010-22024
40	0357000050	HOSE ASSY	1				18010-52145
41	0357000056	HOSE ASSY	1				18010-53078
42	0357000057	HOSE ASSY	1				18010-22170
43	0357000058	HOSE ASSY	1				19348-22074
44	0357000059	HOSE ASSY	1				18010-53240
45	0357000060	HOSE ASSY	1				18010-52165
46	0357000061	HOSE ASSY	1				18010-22122
47	0357000062	HOSE ASSY	1				18010-53068
48	0357000070	HOSE ASSY	1				18015-01070
49	0357000071	HOSE ASSY	1				18015-07062
50	0357000072	HOSE ASSY	1				18010-22088
51	0357000075	HOSE ASSY	1				19348-22088
52	0357000086	HOSE ASSY	1				19348-72050
53	0357000087	HOSE ASSY	1				19348-22030
54	0357000088	HOSE ASSY	1				19348-72052

PIPING; UPPER (angle blade type)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
55	0357000089	HOSE	2				
56	0357000090	HOSE	1				
57	0357000091	PIPE	1				
58	0357000095	HOSE	1				
59	0357000096	PIPE	1				
60	0357000099	GUIDE, hose	1				
61	0357000109	HOSE ASSY	1				18015-00175
62	0357000110	HOSE ASSY	1				18015-00155
63	0357000111	HOSE ASSY	1				19348-22060
64	0357000112	HOSE ASSY	1				19348-52086
65	0357000113	HOSE ASSY	1				19348-52050
66	0357000114	HOSE ASSY	1				18010-52086
67	0357000115	HOSE ASSY	1				18010-79082
68	0357000116	HOSE ASSY	1				19348-52070
69	0357000117	PIPE	1				
70	0357000121	HOSE ASSY	1				19348-52065
71	0357000122	HOSE ASSY	1				19348-52046
72	0372101340	ADAPTOR	1				
	1420010110	· O-RING	1				
73	0377000111	GROMMET	1				
74	1100040816	BOLT	4				
75	1100040820	BOLT	3				
76	1100040825	BOLT	4				
77	1100041020	BOLT	2				
78	1130040010	NUT	1				
79	1140020008	WASHER, spring	11				
80	1140020010	WASHER, spring	3				
81	1141110008	WASHER	7				
82	1420010110	O-RING	1				
83	1420010380	O-RING	1				
84	1501750002	PLUG	1				
	1420010110	· O-RING	1				
85	1512370011	TEE	1				
	1420010110	· O-RING	1				
86	1513300022	ELBOW	2				
	1420010110	· O-RING	1				
87	1513390029	TEE	2				
	1420010110	· O-RING	1				
88	1515012040	ELBOW	4				
	1420010110	· O-RING	1				
89	1515012041	ELBOW	3				
	1420010140	· O-RING	1				
90	1515012042	ELBOW	1				
	1420010180	· O-RING	1				
91	1515102110	ELBOW	1				
	1420010110	· O-RING	1				
92	1515600200	ADAPTOR	3				
	1420010110	· O-RING	1				
93	1515600201	ADAPTOR	3				
	1420010140	· O-RING	1				
94	1515600571	ADAPTOR	1				
	1420010110	· O-RING	1				
95	1530525030	HOSE	1				sold by the meter
96	1530525039	HOSE	1				sold by the meter
97	1531335066	PROTECTOR	1				sold by the meter
98	1533700025	BAND	2				

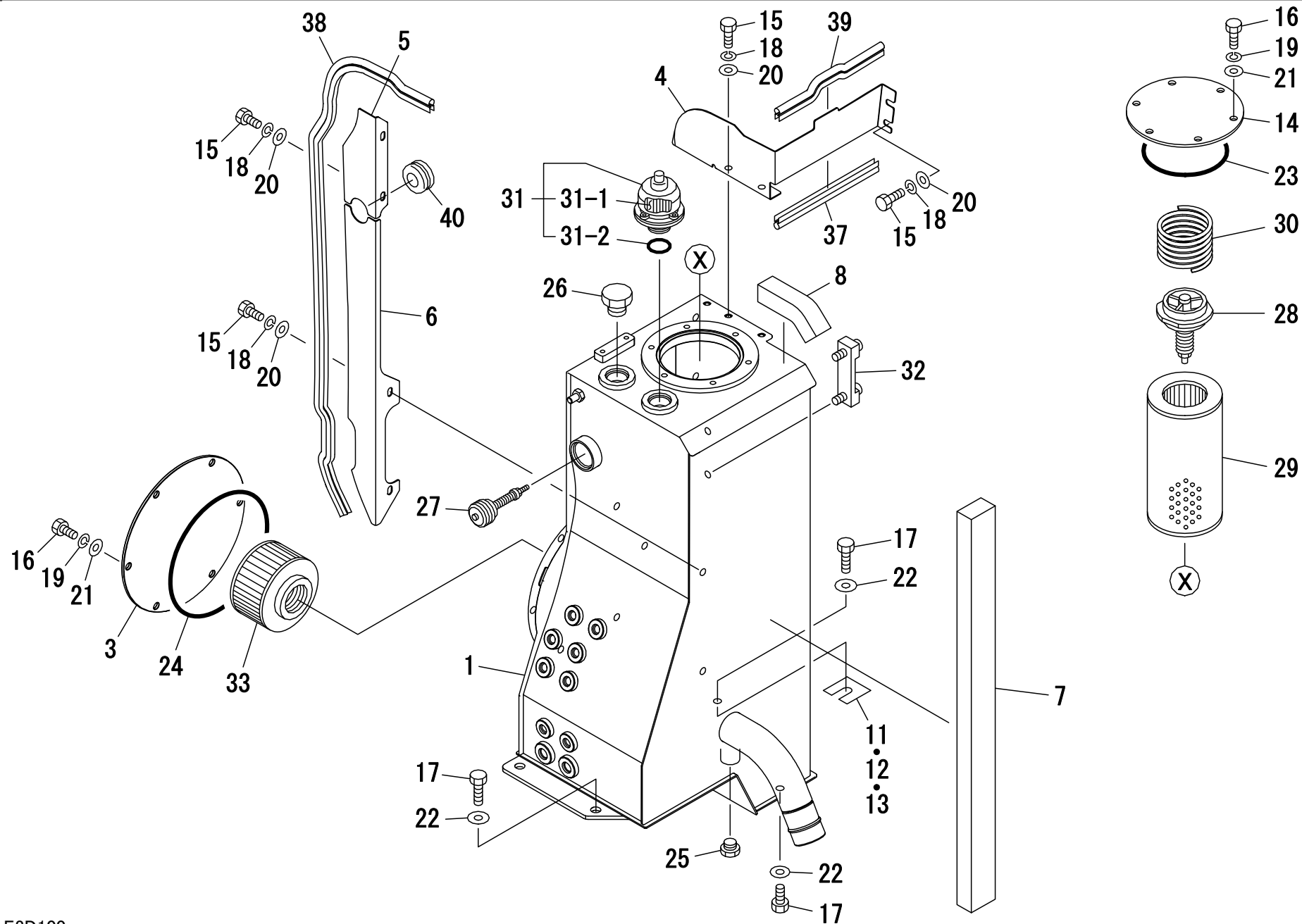
PIPING; UPPER (angle blade type)						
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
99	1533700041	BAND	16			
100	1533700060	BAND	2			
101	1533700070	BAND	6			
102	1654640013	TRIM	1			
	E8d080					

Memo

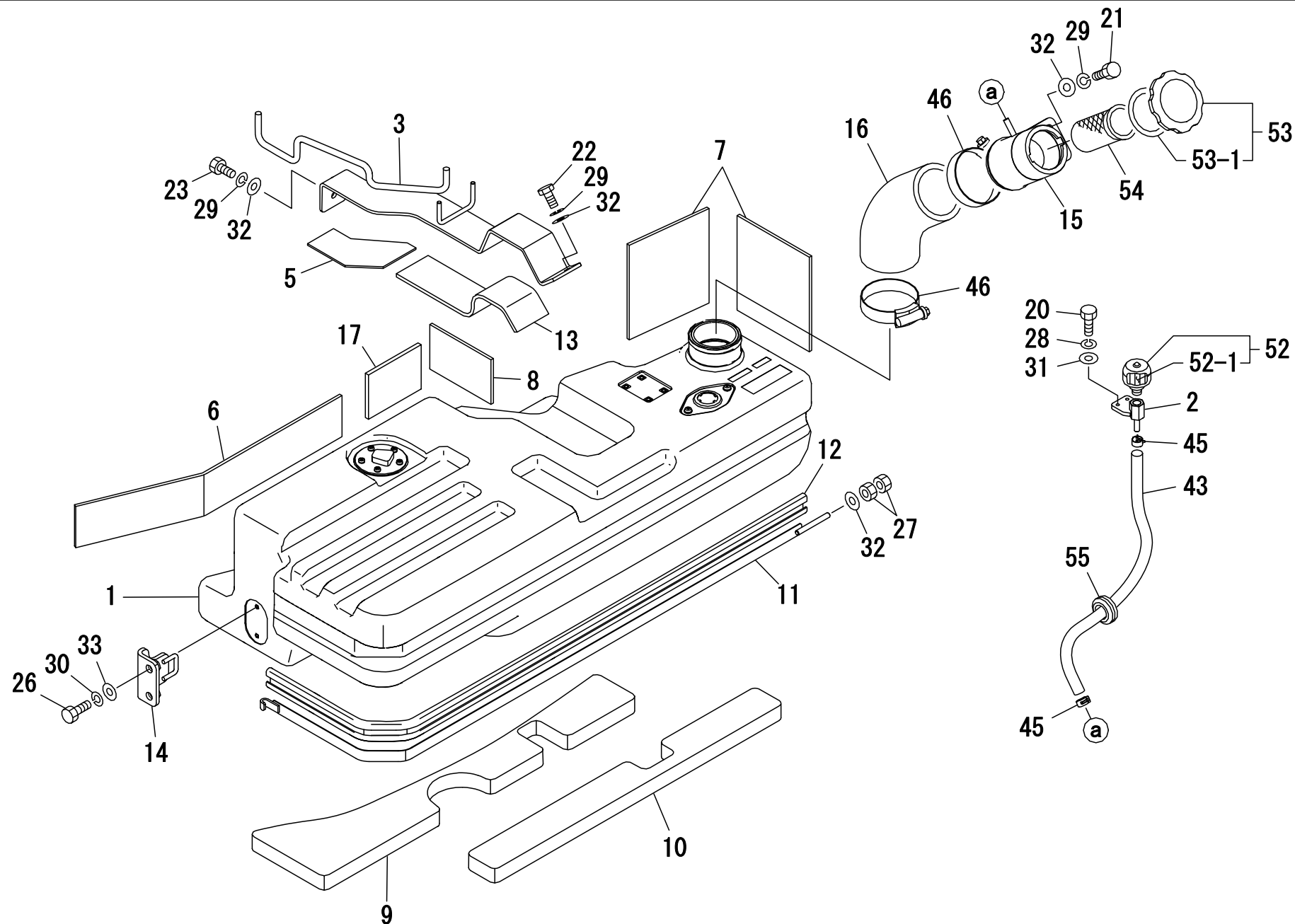


PUMP DRIVE

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		PUMP ASSY, drive					
1	0355200001	PIPE	1				
2	1110041025	SCREW, cap	4				
3	1140420010	WASHER, spring	4				
4	1501750002	PLUG	3				
	1420010110	· O-RING	1				
5	1512340004	ELBOW	2				
	1420010180	· O-RING	1				
6	1512340007	ELBOW	1				
	1420010140	· O-RING	1				
7	1515600200	ADAPTOR	1				
	1420010110	· O-RING	1				
8	1515600201	ADAPTOR	1				
	1420010140	· O-RING	1				
9	1902030400	PUMP, hydraulic	1				
10	1420100400	O-RING	1				
11	1140020012	WASHER, spring	2				
12	1111041230	SCREW, cap	2				
	E8d090						



						HYDRAULIC TANK
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
1	0358000002	TANK ASSY, hydraulic	1			
3	0358000023	TANK, hydraulic	1			
4	0358000024	COVER	1			
5	0358000025	PLATE	1			
6	0358000026	PLATE	1			
7	0358000027	SPONGE	1			
8	1654341012	SPONGE	1			sold by the meter
11	0378011001	SPACER	AR			t=1.2mm
12	0378011002	SPACER	AR			t=2.0mm
13	0378011003	SPACER	AR			t=3.2mm
14	0568014500	COVER	1			
15	1100040816	BOLT	8			
16	1100041020	BOLT	12			
17	1100041025	BOLT	4			
18	1140020008	WASHER, spring	8			
19	1140020010	WASHER, spring	12			
20	1141110008	WASHER	8			
21	1141110010	WASHER	12			
22	1141550010	WASHER	4			
23	1420101250	O-RING	1			
24	1420102000	O-RING	1			
25	1501750003	PLUG	1			
	1420010140	· O-RING	1			
26	1501750010	PLUG	1			
	1420010290	· O-RING	1			
27	1540141025	VALVE, check	1			
28	1551100300	VALVE ASSY	1			
29	1551103900	FILTER	1			
30	0007000031	SPRING	1			
31	1552002700	BREATHER, air	1			
31-1	1552002715	· ELEMENT	1			
31-2	1420010300	· O-RING	1			
32	1553020685	GAUGE	1			
33	1550014150	STRAINER	1			
37	1654606021	SEAL	1			sold by the meter
38	1654606104	SEAL	1			sold by the meter
39	1654606023	SEAL	1			sold by the meter
40	1652053600	GROMMET	1			
	E8d100					



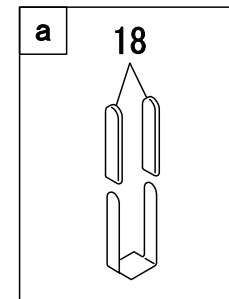
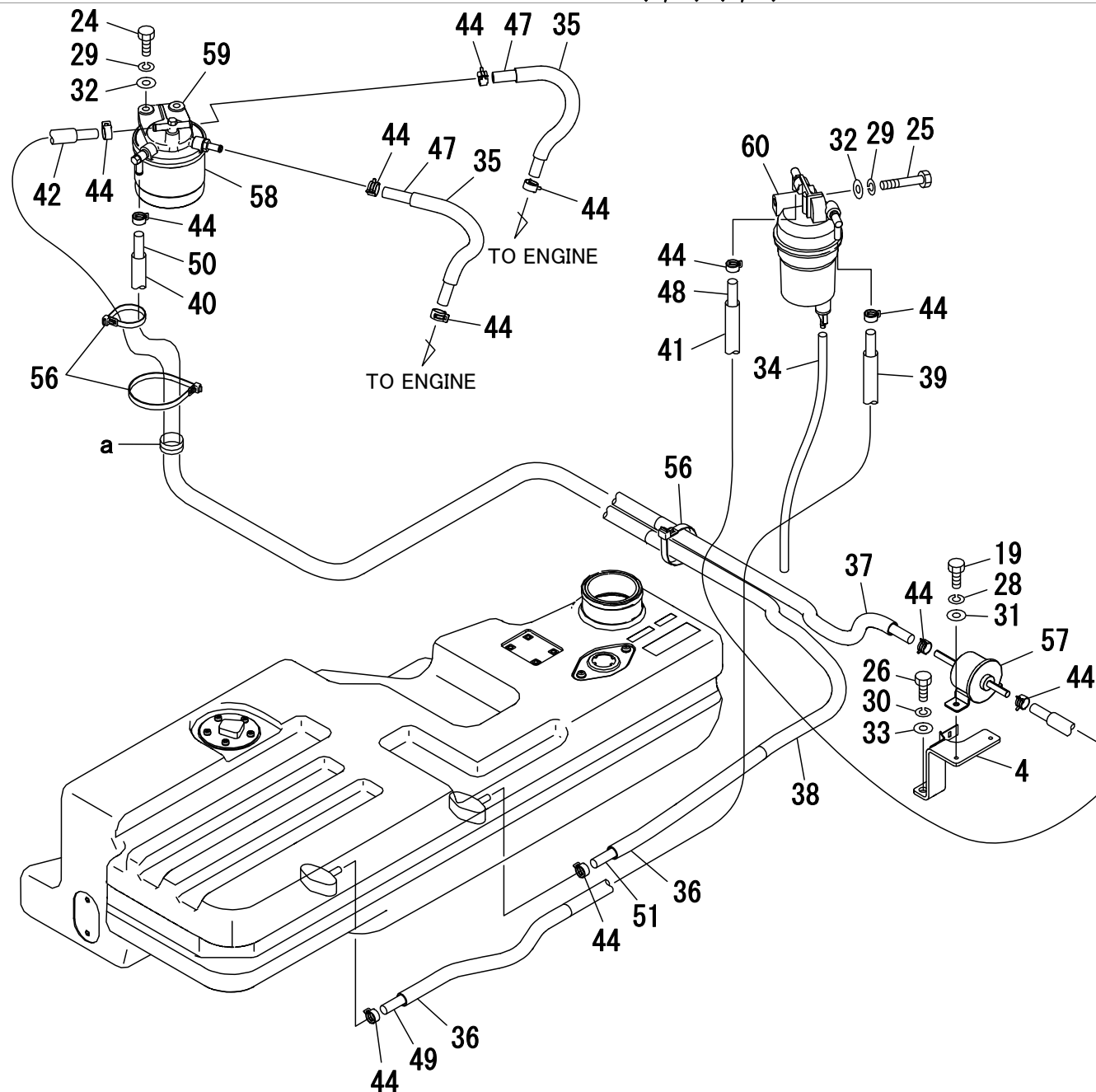
E8D110a

Reference E8D110a

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TB230 [P-TB230_F-XC] Book No. BE8Z000-0-B S/N 130000003-
FUEL TANK & FUEL PIPING (1/2) (2/2)



E8D110b

Reference E8D110a

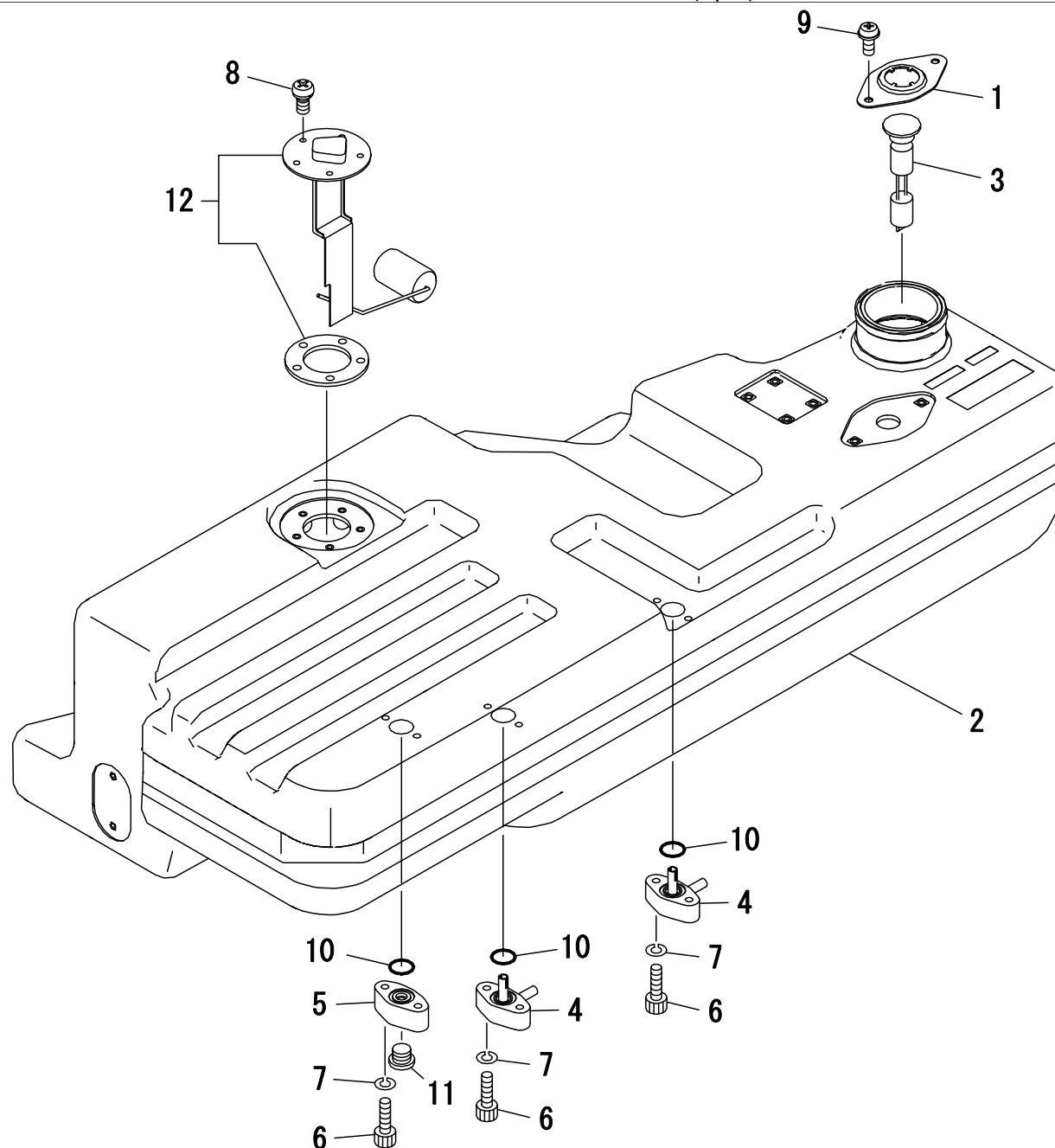
S=1/10

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FUEL TANK & FUEL PIPING (1/2)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	X *****	TANK ASSY, fuel	1				
2	0338128050	TANK SUB ASSY, fuel	1				see page (2/2)
3	0358100038	PLUG	1				
4	0358100027	CLAMP	1				
5	0358100045	PLATE	1				
6	0358100030	SHEET	1				
7	0358100031	RUBBER	1				
8	0358100032	RUBBER	2				
9	0358100035	SHEET	1				
10	0358100036	RUBBER	1				
11	0378100019	RUBBER	1				
12	0378100021	CLAMP	1				
13	0378100023	SHEET	1				
14	0378100024	SHEET	1				
15	0378100026	BRACKET	1				
16	0378100030	PORT, supply	1				
17	0558100062	HOSE	1				
18	0872433150	SHEET	1				
19	1100040612	TUBE	2				
20	1100040614	BOLT	2				
21	1100040816	BOLT	2				
22	1100040820	BOLT	1				
23	1100040825	BOLT	1				
24	1100040830	BOLT	2				
25	1100040870	BOLT	1				
26	1100041030	BOLT	3				
27	1130040008	NUT	2				
28	1140020006	WASHER, spring	4				
29	1140020008	WASHER, spring	7				
30	1140020010	WASHER, spring	3				
31	1141110006	WASHER	4				
32	1141110008	WASHER	8				
33	1141110010	WASHER	3				
34	1531007057	HOSE	1				sold by the meter
35	1531115021	HOSE	2				sold by the meter
36	1531115030	PROTECTOR	2				sold by the meter
37	1531115045	PROTECTOR	1				sold by the meter
38	1531115060	PROTECTOR	1				sold by the meter
39	1531115079	PROTECTOR	1				sold by the meter
40	1531115082	PROTECTOR	1				sold by the meter
41	1531115086	PROTECTOR	1				sold by the meter
42	1531115091	PROTECTOR	1				sold by the meter
43	1531207051	HOSE	1				sold by the meter
44	1533120012	BAND	12				
45	1533120511	BAND	2				
46	1533700102	BAND	2				
47	1534413025	HOSE	2				
48	1534413090	HOSE	1				
49	1534413118	HOSE	1				
50	1534413131	HOSE	1				
51	1534413188	HOSE	1				
52	1552002800	BREATHER, air	1				
52-1	1552002802	· ELEMENT	1				
53	1552101400	CAP ASSY	1				
53-1	1552101404	· PACKING	1				

FUEL TANK & FUEL PIPING (1/2)						
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
54	1552101410	STRAINER	1			
55	1652001602	GROMMET	1			
56	1652231250	BAND	3			
57	1910199034	PUMP, feed	1			Y129612-52100
58	1910352031	FILTER, fuel	1			Y119802-55801
59	1990197063	BRACKET	1			Y129004-55612
60	1910352033	SEPARATOR, water	1			Y129242-55711
	E8d110					

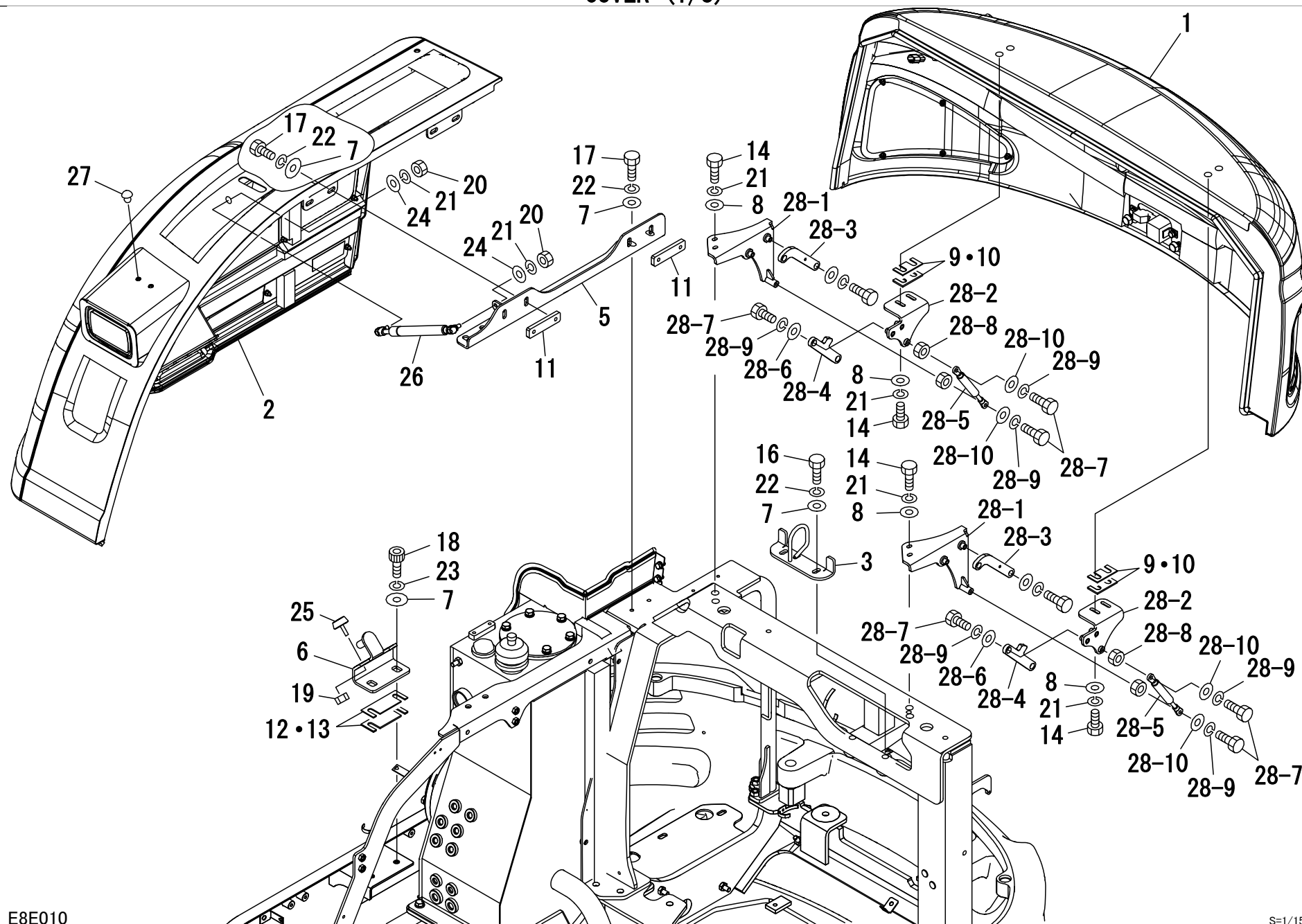


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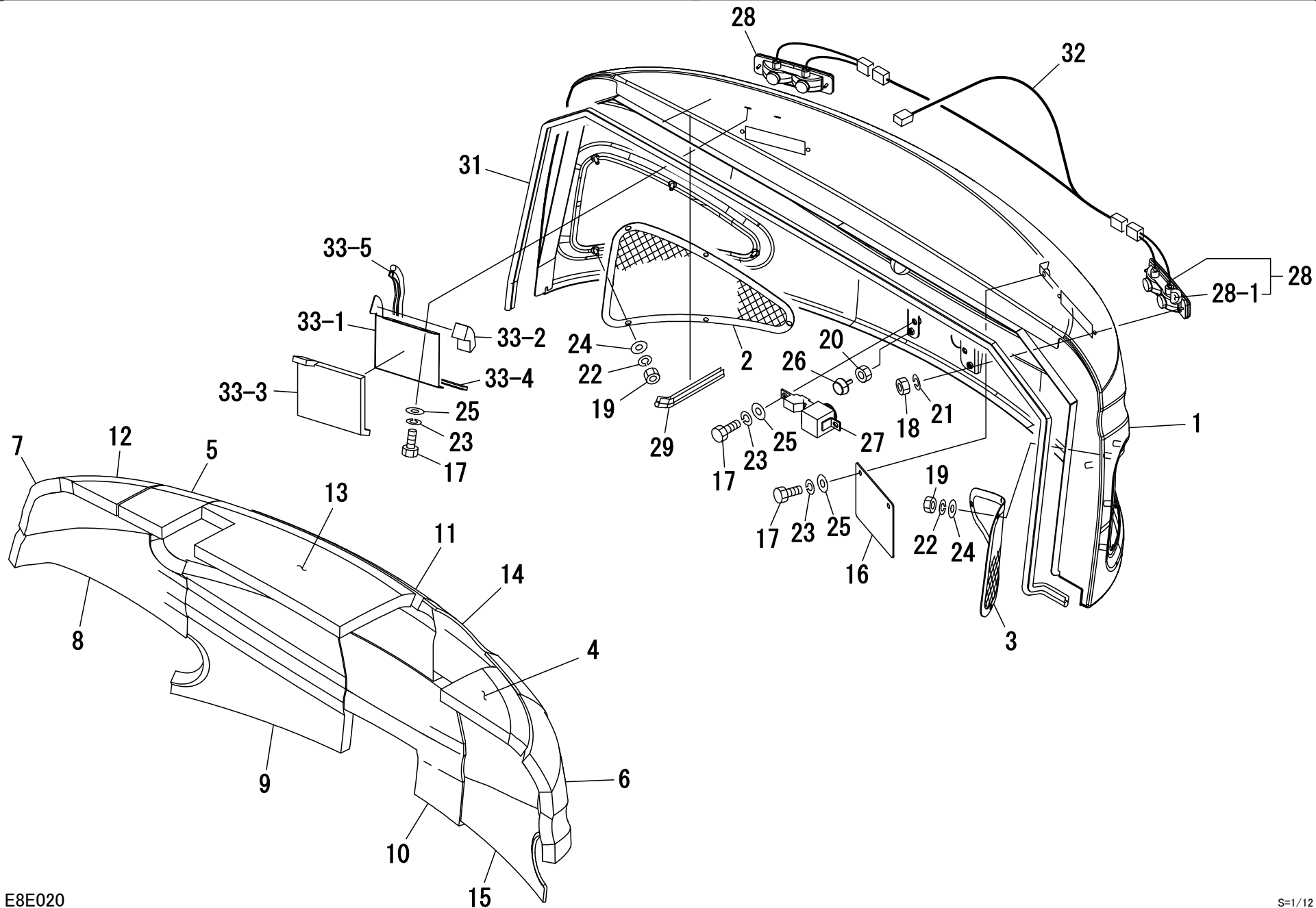
Reference E8D120

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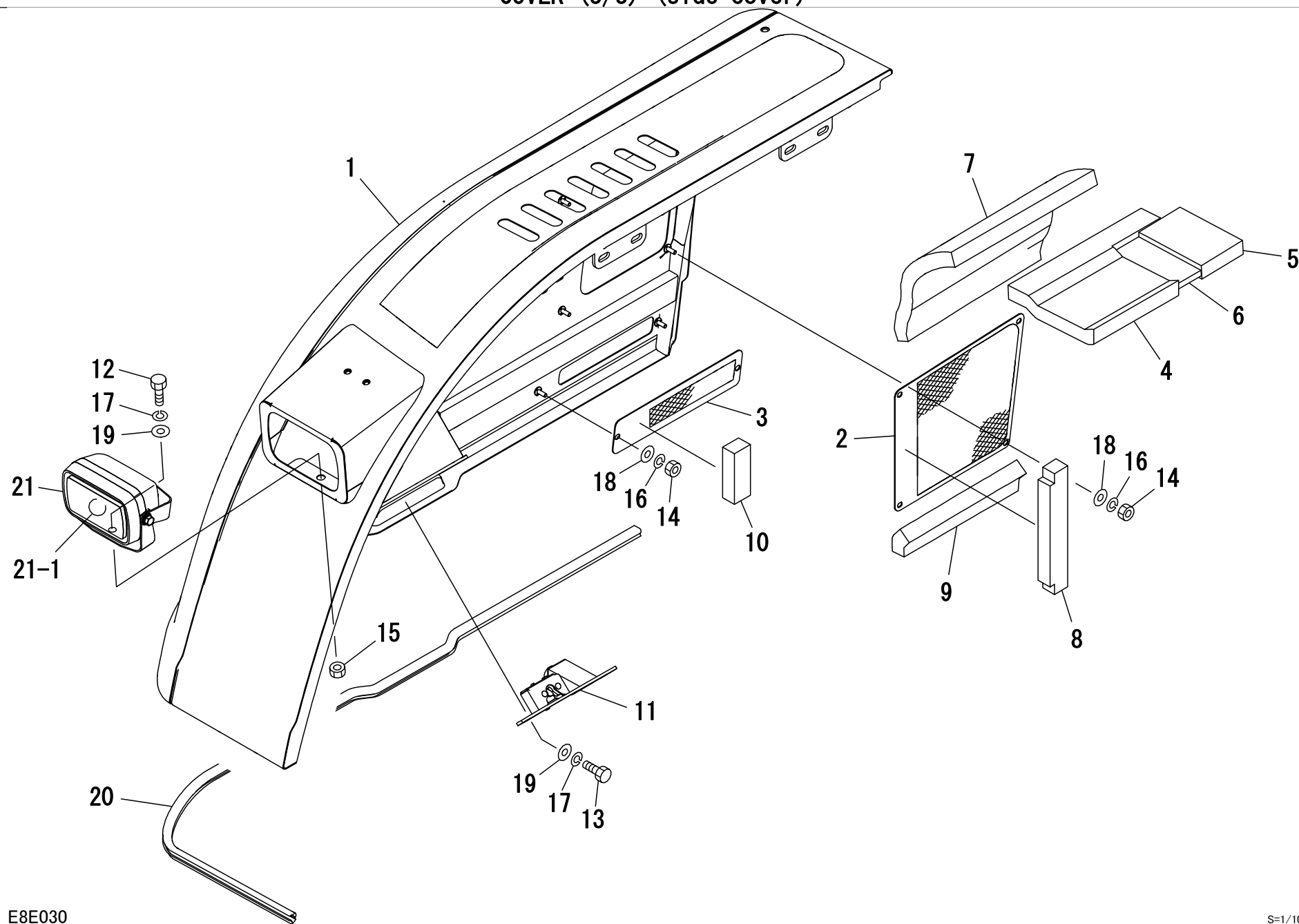
FUEL TANK & FUEL PIPING (2/2)						
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
0-1	X *****	TANK SUB ASSY, fuel	1			
1	0338100002	· BRACKET	1			
2	0358100046	· TANK, fuel	1			
3	0558100039	· SENDER, fuel	1			
4	0881811100	· FLANGE	2			
5	0881811110	· VALVE, drain	1			
6	1110040616	· SCREW, cap	6			
7	1140420006	· WASHER, spring	6			
8	1150110516	· SCREW	5			
9	1150110612	· SCREW	2			
10	1420010180	· O-RING	3			
11	1501750002	· PLUG	1			
	1420010110	· O-RING	1			
12	1553203100	· UNIT, gauge	1			
	E8d120					



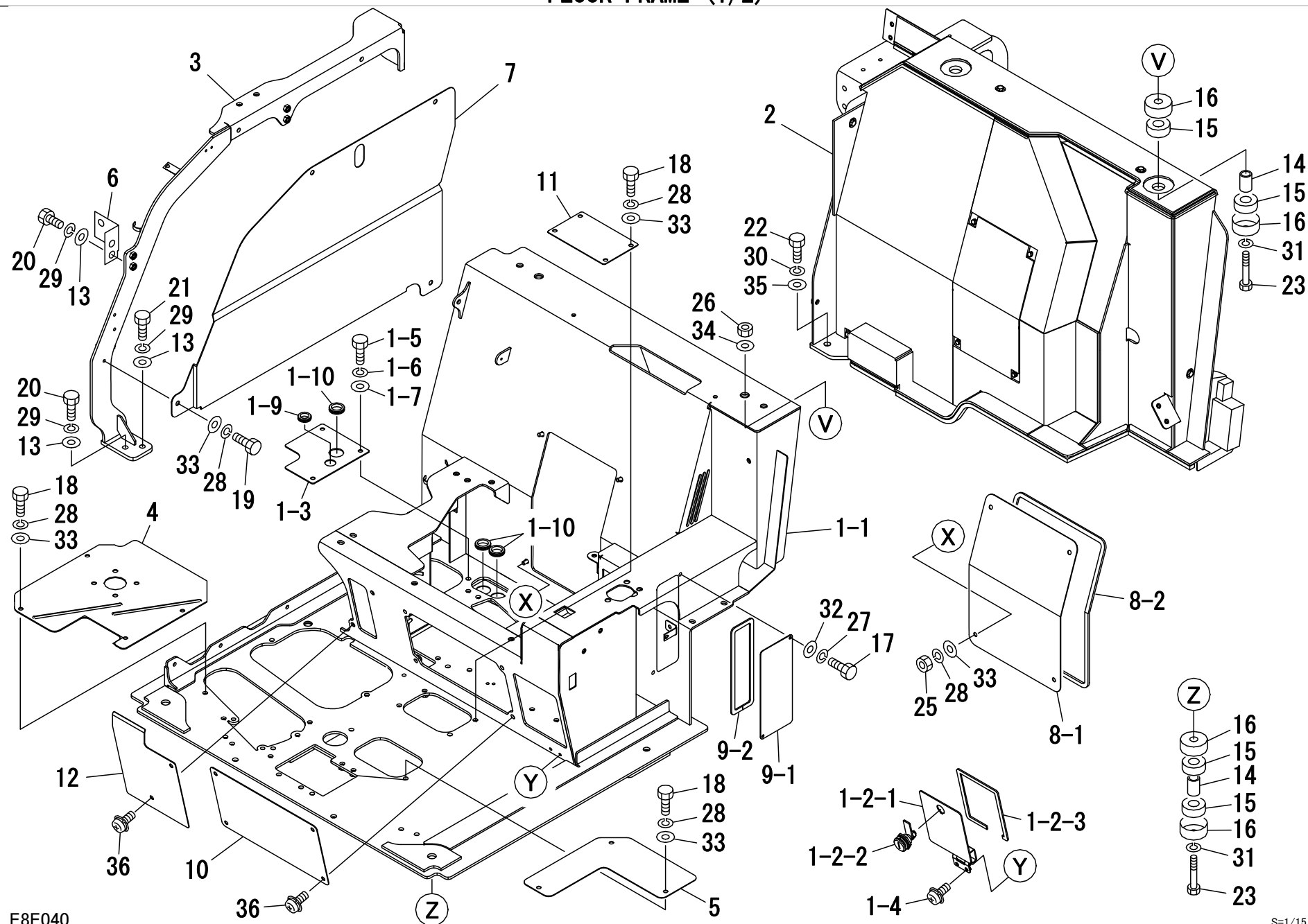
COVER (1/3)						
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
		COVER ASSY				
1	0358200131	HOOD, engine	1			see page (2/3)
2	0358200094	COVER ASSY, side	1			see page (3/3)
3	0358200060	BRACKET	1			
5	0358200098	PLATE	1			
6	0558200053	BRACKET	1			
7	0003600025	WASHER	12			
8	0003608252	WASHER	8			
9	0003900057	SHIM	AR			
10	0003900058	SHIM	AR			
11	0558200003	PLATE	2			
12	0568266904	SHIM	AR			t=2. 3mm
13	0568266905	SHIM	AR			t=3. 2mm
14	1100040820	BOLT	8			
16	1100041025	BOLT	2			
17	1100041030	BOLT	8			
18	1110041025	SCREW, cap	2			
19	1130040005	NUT	2			
20	1130040008	NUT	2			
21	1140020008	WASHER, spring	10			
22	1140020010	WASHER, spring	10			
23	1140420010	WASHER, spring	2			
24	1141110008	WASHER	2			
25	1652515100	RUBBER, cushion	2			
26	1653900085	SPRING, gas	1			
27	1652533016	CAP	2			
28	X *****	HINGE ASSY, slide	2			
28-1	0358200084	· BRACKET	1			
28-2	0358200086	· BRACKET	1			
28-3	0358200088	· LINK	1			
28-4	0358200090	· LINK	1			
28-5	1653900088	· SPRING, gas	1			
28-6	0003608252	· WASHER	4			
28-7	1100040825	· BOLT	6			
28-8	1130040008	· NUT	2			
28-9	1140020008	· WASHER, spring	6			
28-10	1141110008	· WASHER	2			
	E8e010					



COVER (2/3) (engine hood)					
Item	Part number	Description	Q'ty	Chan.	Serial No. Serv. Remarks
0-1	0358200131	HOOD, engine	1		
1	0358200132	• HOOD, engine	1		
2	0358200023	• NET	1		
3	0358200024	• NET	1		
4	0358200025	• ABSORBENT, noise	1		
5	0358200026	• ABSORBENT, noise	1		
6	0358200027	• ABSORBENT, noise	1		
7	0358200028	• ABSORBENT, noise	1		
8	0358200029	• ABSORBENT, noise	1		
9	0358200030	• ABSORBENT, noise	1		
10	0358200031	• ABSORBENT, noise	1		
11	0358200075	• ABSORBENT, noise	1		
12	0358200033	• ABSORBENT, noise	1		
13	0358200076	• ABSORBENT, noise	1		
14	0358200079	• INSULATOR	1		
15	0358200037	• INSULATOR	1		
16	0358200123	• PLATE	1		
17	1100040816	• BOLT	6		
18	1130030004	• NUT	4		
19	1130030006	• NUT	10		
20	1130040005	• NUT	2		
21	1140020004	• WASHER, spring	4		
22	1140020006	• WASHER, spring	10		
23	1140020008	• WASHER, spring	6		
24	1141110006	• WASHER	10		
25	1141110008	• WASHER	6		
26	1652515100	• RUBBER, cushion	2		
27	1653611799	• LOCK	1		
28	1703007000	• LAMP, tail	2		
28-1	1703007003	• • BULB	2		
29	1654606016	• TRIM	1		sold by the meter
31	1654606220	• TRIM	1		sold by the meter
32	0568266185	• HARNESS, wiring	1		
33	X *****	• PLATE ASSY	1		
33-1	0358200067	• • PLATE	1		
33-2	0358200068	• • ABSORBENT, noise	1		
33-3	0358200080	• • ABSORBENT, noise	1		
33-4	1654606013	• • SEAL	1		sold by the meter
33-5	1654606018	• • SEAL	1		sold by the meter
	E8e020				



						COVER (3/3) (side cover)	
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0-2	0358200094	COVER ASSY, side	1				
1	0358200095	· COVER, side	1				
2	0378200030	· NET	1				
3	0358200064	· NET	1				
4	0358200056	· ABSORBENT, noise	1				
5	0358200057	· ABSORBENT, noise	1				
6	0358200058	· ABSORBENT, noise	1				
7	0378200026	· ABSORBENT, noise	1				
8	0378200027	· ABSORBENT, noise	1				
9	0378200028	· ABSORBENT, noise	1				
10	0378200029	· ABSORBENT, noise	1				
11	0568268180	· LOCK	1				
12	1100041022	· BOLT	1				
13	1100041025	· BOLT	2				
14	1130030006	· NUT	6				
15	1130040010	· NUT	1				
16	1140020006	· WASHER, spring	6				
17	1140020010	· WASHER, spring	3				
18	1141110006	· WASHER	6				
19	1141110010	· WASHER	3				
20	1654605165	· RUBBER	1				sold by the meter
21	1703006600	· LAMP	1				
21-1	1703006605	· BULB	1				
	E8e030						



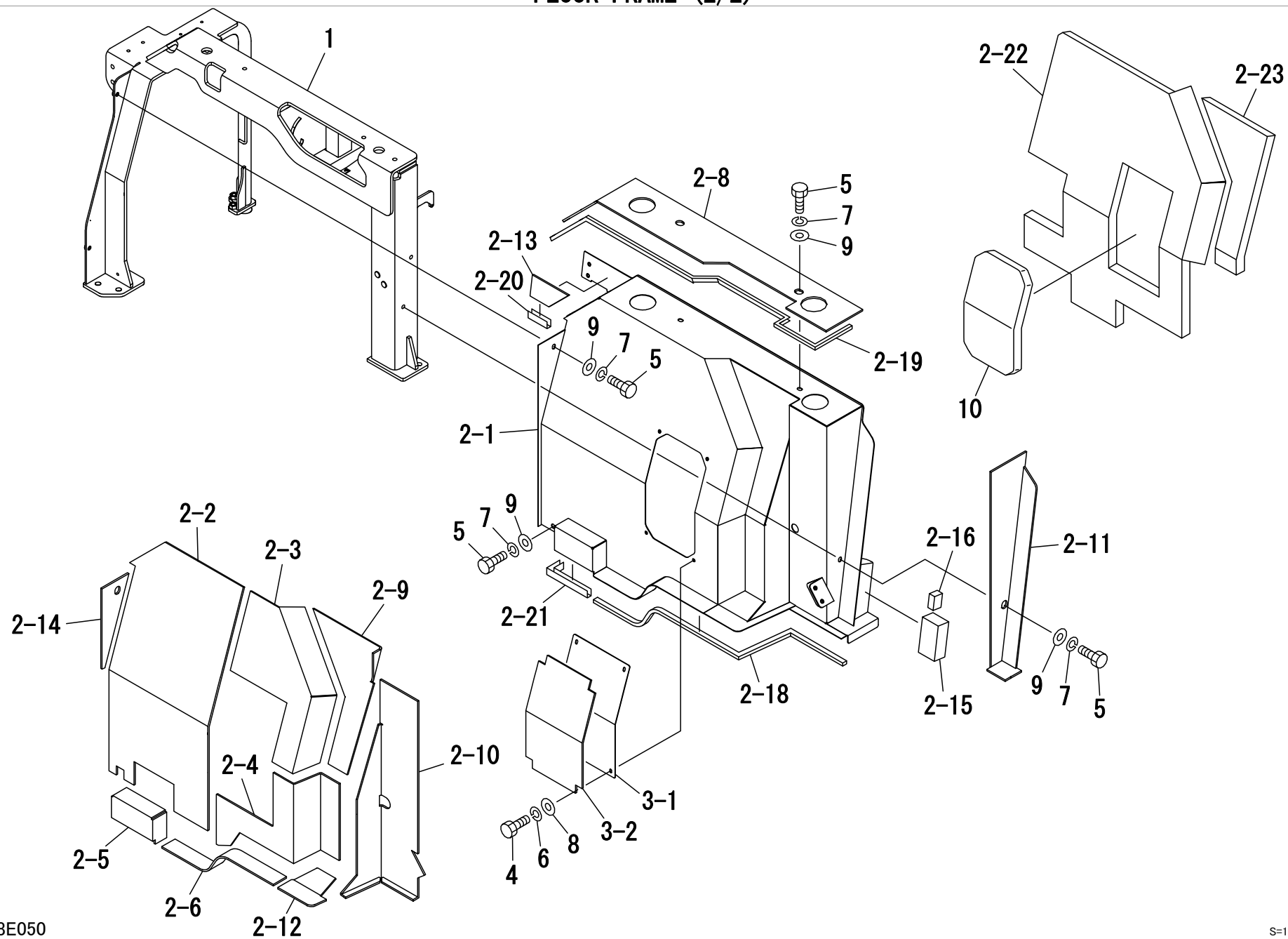
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Reference E8E040

S=1/15

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FLOOR FRAME (1/2)					
Item	Part number	Description	Q'ty	Chan.	Serial No. Serv. Remarks
1	X *****	FRAME ASSY, floor	1		
1-1	0353500122	· FLOOR FRAME	1		
1-2	X *****	· COVER ASSY	1		
1-2-1	0378200125	· · COVER	1		
1-2-2	1653611836	· · LOCK	1		
1-2-3	0553500314	· · SPONGE	1		
1-3	0373500005	· PLATE	1		
1-4	1150420620	· SCREW	2		
1-5	1100040816	· BOLT	3		
1-6	1140020008	· WASHER, spring	3		
1-7	1141110008	· WASHER	3		
1-9	1652052400	· GROMMET	1		
1-10	1652053200	· GROMMET	3		
2	X *****	FRAME ASSY	1		see page (2/2)
3	0353500135	FRAME, side (R.H.)	1		
4	0353500080	COVER	1		
5	0353500082	PLATE	1		
6	0353500134	PLATE	1		
7	0353500139	PLATE	1		
8	X *****	COVER ASSY	1		
8-1	0373500084	· COVER	1		
8-2	0373500085	· SPONGE	1		
9	X *****	PLATE ASSY	1		
9-1	0373500087	· PLATE	1		
9-2	0373500088	· SPONGE	1		
10	0373500208	PLATE	1		
11	0373500213	PLATE	1		
12	0373500223	PLATE	1		
13	0003608252	WASHER	4		
14	0393517250	PIPE	4		
15	0433503100	RUBBER	8		
16	0433503200	COVER	8		
17	1100040616	BOLT	2		
18	1100040816	BOLT	11		
19	1100040820	BOLT	5		
20	1100041030	BOLT	3		
21	1100041035	BOLT	1		
22	1100041240	BOLT	7		
23	1100041690	BOLT	4		
25	1130040008	NUT	4		
26	1130040016	NUT	2		
27	1140020006	WASHER, spring	2		
28	1140020008	WASHER, spring	19		
29	1140020010	WASHER, spring	4		
30	1140020012	WASHER, spring	7		
31	1140020016	WASHER, spring	4		
32	1141110006	WASHER	2		
33	1141110008	WASHER	19		
34	1141110016	WASHER	2		
35	1141550012	WASHER	7		
36	1150420816	SCREW	6		
	E8e040				



E8E050

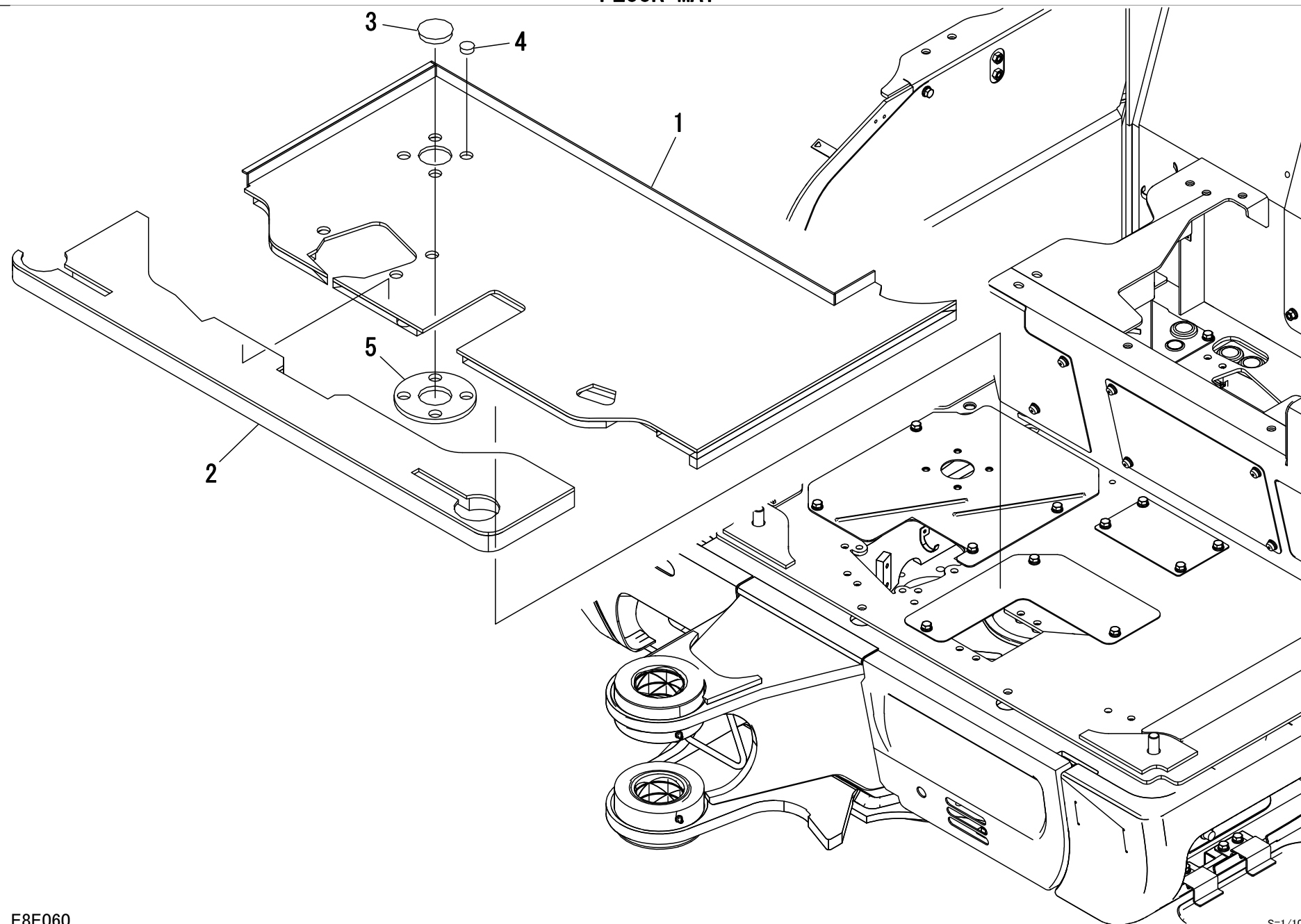
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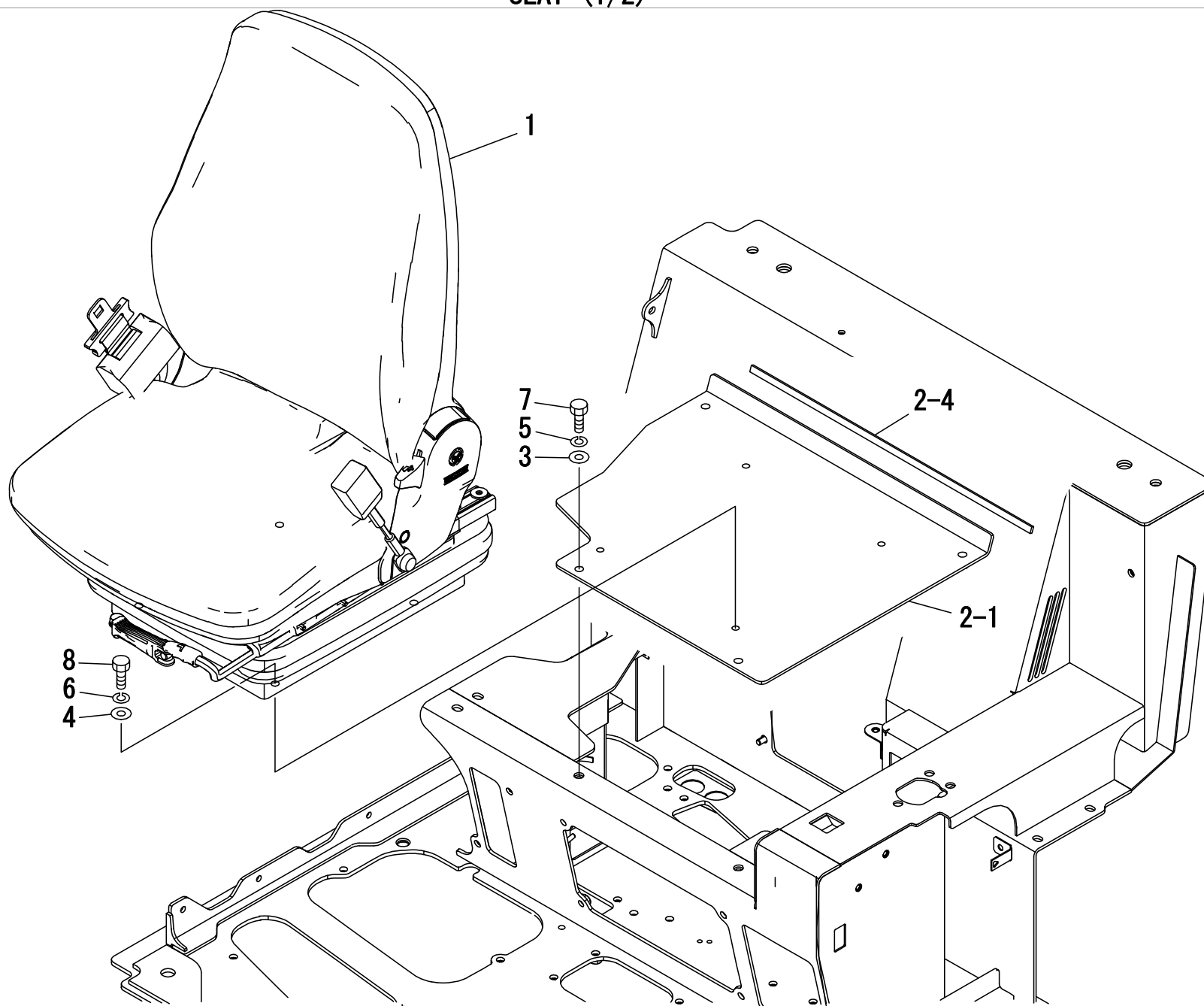
FLOOR FRAME (2/2)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0-2	X *****	FRAME ASSY	1				
1	0353500129	· FRAME	1				
2	X *****	· PLATE ASSY	1				
2-1	0353500141	· · PLATE	1				
2-2	0353500149	· · INSULATOR	1				
2-3	0353500150	· · INSULATOR	1				
2-4	0353500151	· · INSULATOR	1				
2-5	0353500152	· · INSULATOR	1				
2-6	0353500153	· · INSULATOR	1				
2-8	0353500031	· · INSULATOR	1				
2-9	0353500032	· · INSULATOR	1				
2-10	0353500154	· · INSULATOR	1				
2-11	0353500034	· · INSULATOR	1				
2-12	0353500155	· · INSULATOR	1				
2-13	0353500036	· · INSULATOR	1				
2-14	0353500037	· · INSULATOR	1				
2-15	0373500114	· · SPONGE	1				
2-16	1654342005	· · SPONGE	1				sold by the meter
2-18	1654352096	· · SPONGE	1				sold by the meter
2-19	1654401120	· · SEAL	1				
2-20	1654606006	· · SEAL	1				sold by the meter
2-21	1654606018	· · SEAL	1				sold by the meter
2-22	0353500156	· · ABSORBENT, noise	1				
2-23	0353500157	· · ABSORBENT, noise	1				
3	X *****	· PLATE ASSY	1				
3-1	0373500033	· · PLATE	1				
3-2	0373500034	· · INSULATOR	1				
4	1100040616	· BOLT	4				
5	1100040820	· BOLT	5				
6	1140020006	· WASHER, spring	4				
7	1140020008	· WASHER, spring	5				
8	1141110006	· WASHER	4				
9	1141110008	· WASHER	5				
10	0353500160	· ABSORBENT, noise	1				
	E8e050						



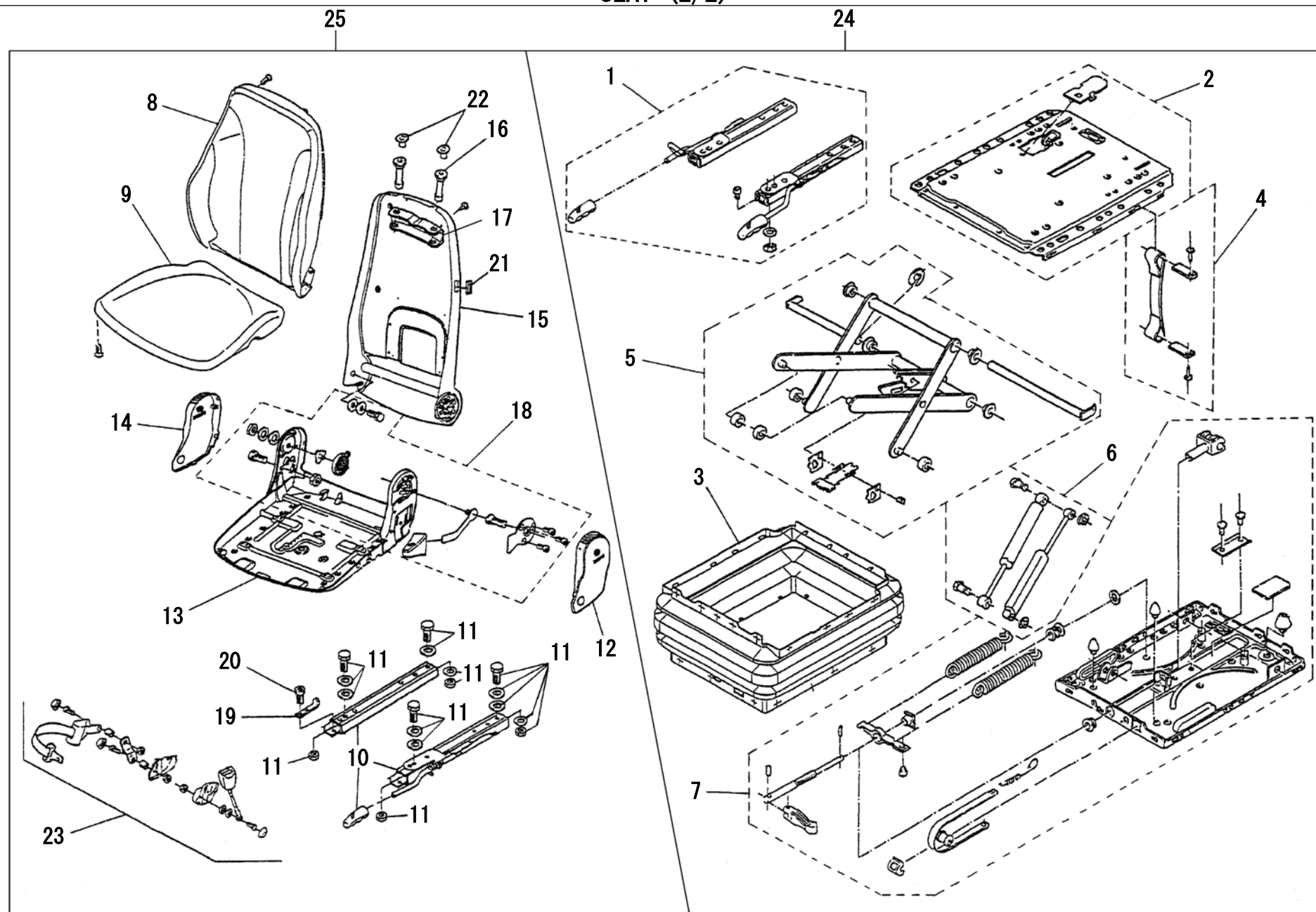
FLOOR MAT

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	0373500215	MAT ASSY, floor	1				
2	0553500376	MAT, floor	1				
3	1652533013	MAT, floor	1				
4	1652533002	CAP	4				
5	0573500225	SPONGE	1				
	E8e060						



SEAT (1/2)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	1914100072	SEAT ASSY	1				
2	X *****	SEAT ASSY	1				see page (2/2)
2-1	0373400004	PLATE ASSY	1				
2-4	0373400009	· PLATE	1				
3	1141110010	· SPONGE	1				
4	1141110010	WASHER	4				
5	1141110008	WASHER	4				
6	1140020010	WASHER, spring	4				
7	1140020008	WASHER, spring	4				
8	1100041025	BOLT	4				
	1100040820	BOLT	4				
	E8e070						



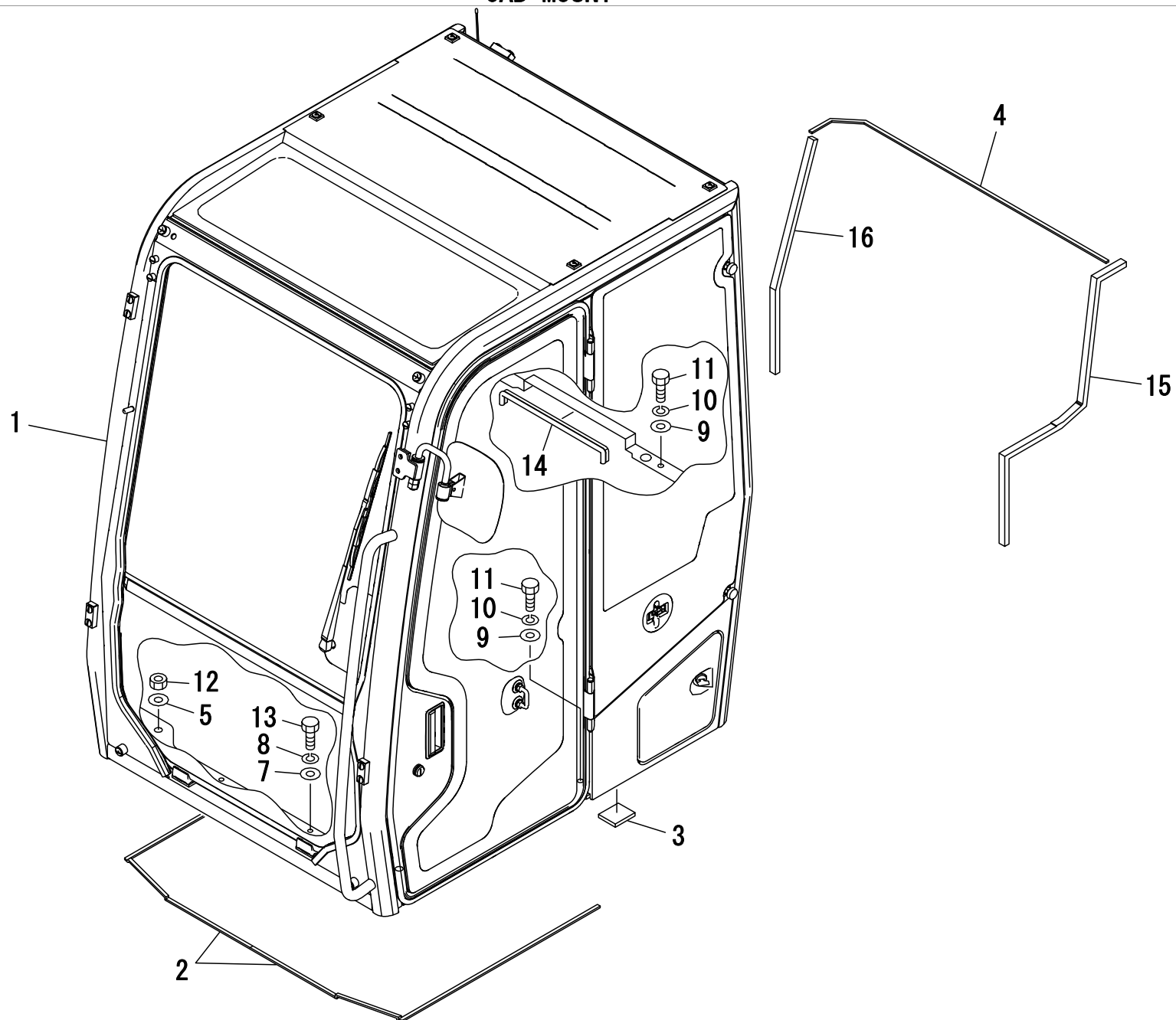
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Reference E8E120

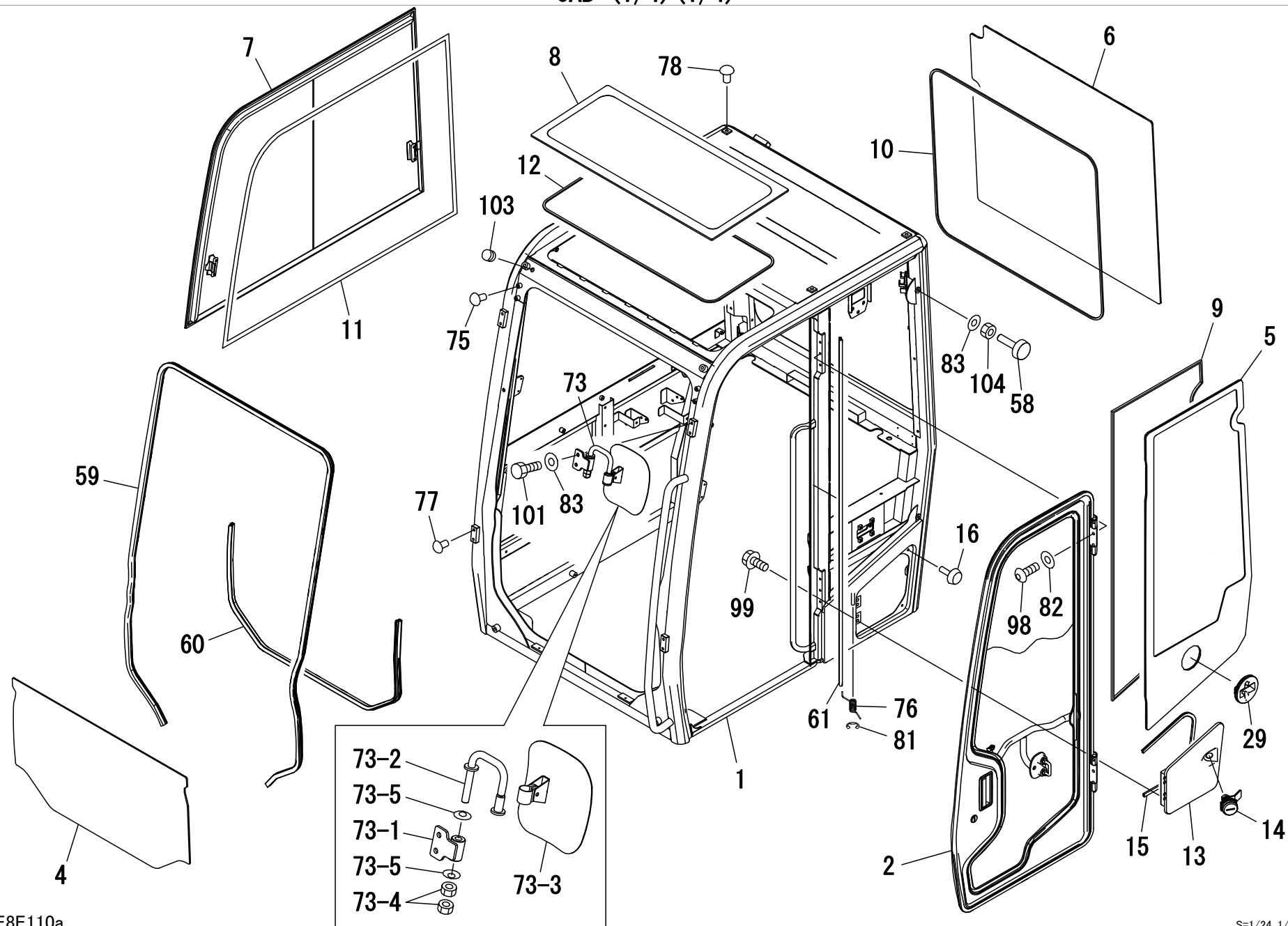
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SEAT (2/2)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1914100072	SEAT (PVC)	1				
1	1914101072	• RAIL ASSY	1				
2	1914102072	• PLATE ASSY	1				
3	1914103072	• BOOT	1				
4	1914104072	• ANGLE ASSY	1				
5	1914105072	• LINK ASSY	1				
6	1914106072	• DAMPER ASSY	1				
7	1914107072	• SPRING ASSY	1				
8	1914108072	• TRIM	1				
9	1914109072	• TRIM	1				
10	1914110072	• RAIL ASSY	1				
11	1914111072	• BOLT ASSY	1				
12	1914112072	• COVER (L. H.)	1				
13	1914113072	• FRAME	1				
14	1914114072	• COVER (R. H.)	1				
15	1914115072	• FRAME	1				
16	1914116072	• GUIDE	2				
17	X *****	• BRACKET	1				
18	1914118072	• JOINT ASSY	1				
19	1914119072	• PLATE	1				
20	1914120072	• SCREW, cap	1				
21	1914121072	• PLATE	1				
22	1914122072	• PLUG	2				
23	1914123072	• BELT ASSY, seat	1				
24	1914199072	• SUB ASSY	1				
25	1914198071	• SUB ASSY	1				
	E8e120						



CAB MOUNT							
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		CAB MOUNT					
1	0358600070	CAB ASSY	1				see page (1/4)
2	0558600082	SEAL	2				
3	0558600060	SEAL	1				
4	0558600059	SEAL	1				
5	1141110016	WASHER	2				
7	1141550010	WASHER	2				
8	1140020010	WASHER, spring	2				
9	1141550012	WASHER	3				
10	1140020012	WASHER, spring	3				
11	1101041235	BOLT	3				
12	1130540016	NUT	2				
13	1100041030	BOLT	2				
14	1654606043	SEAL	1				sold by the meter
15	1654343102	SPONGE	1				sold by the meter
16	1654343068	SPONGE	1				sold by the meter
	E8e100						



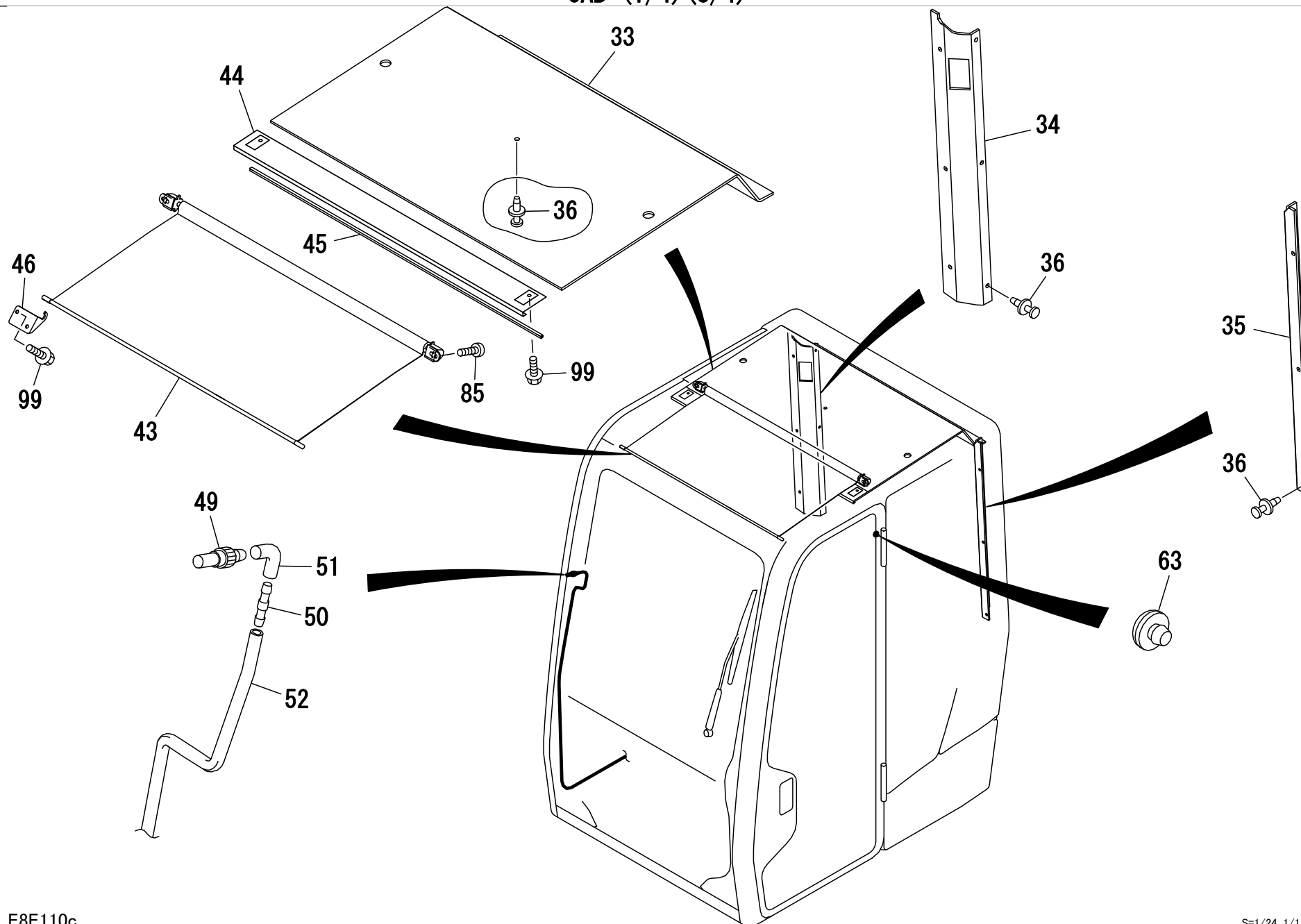
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Reference E8E110a

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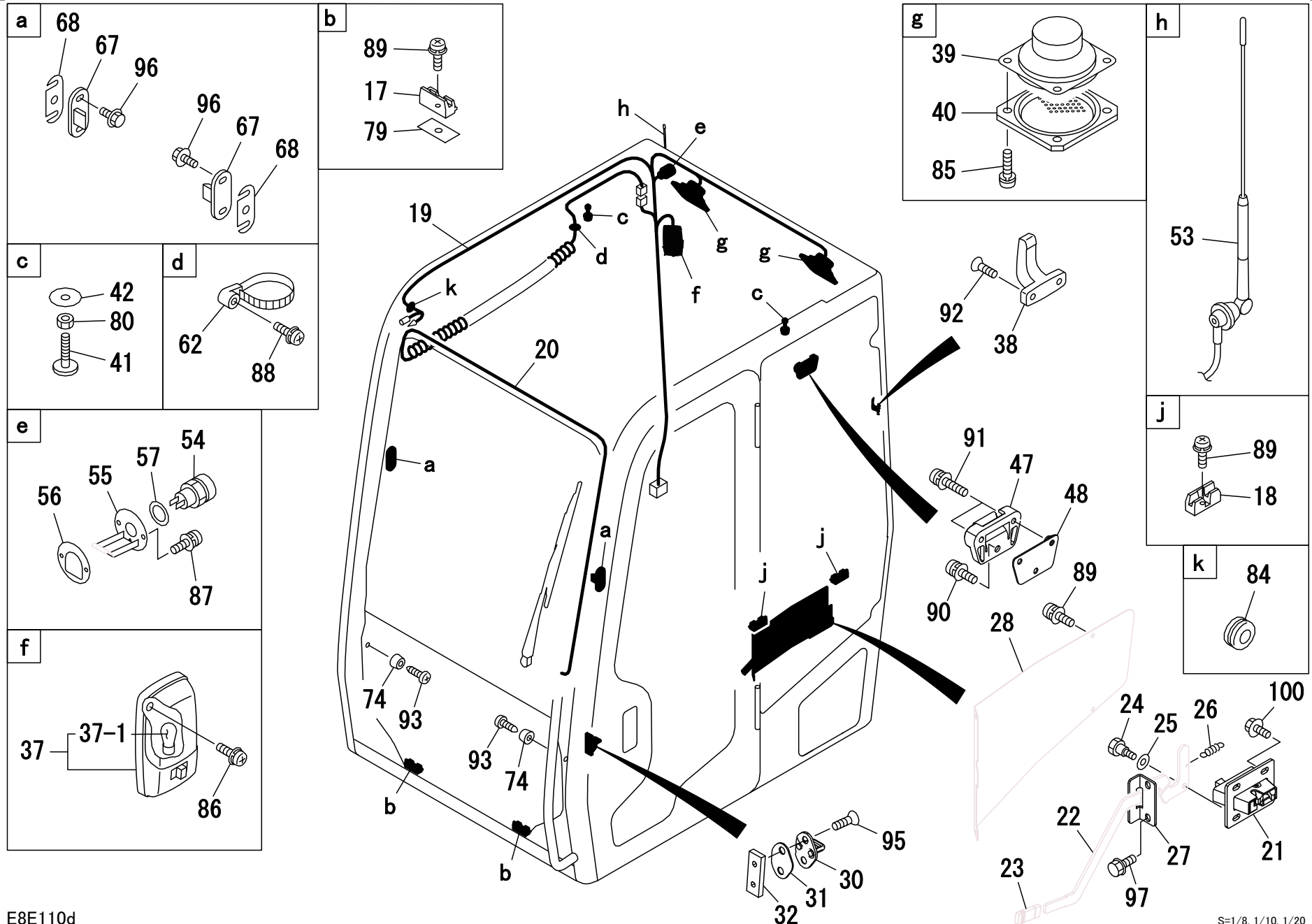


E8E110c

Reference E8E110a

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E8E110d

Reference E8E110a

S=1/8, 1/10, 1/20

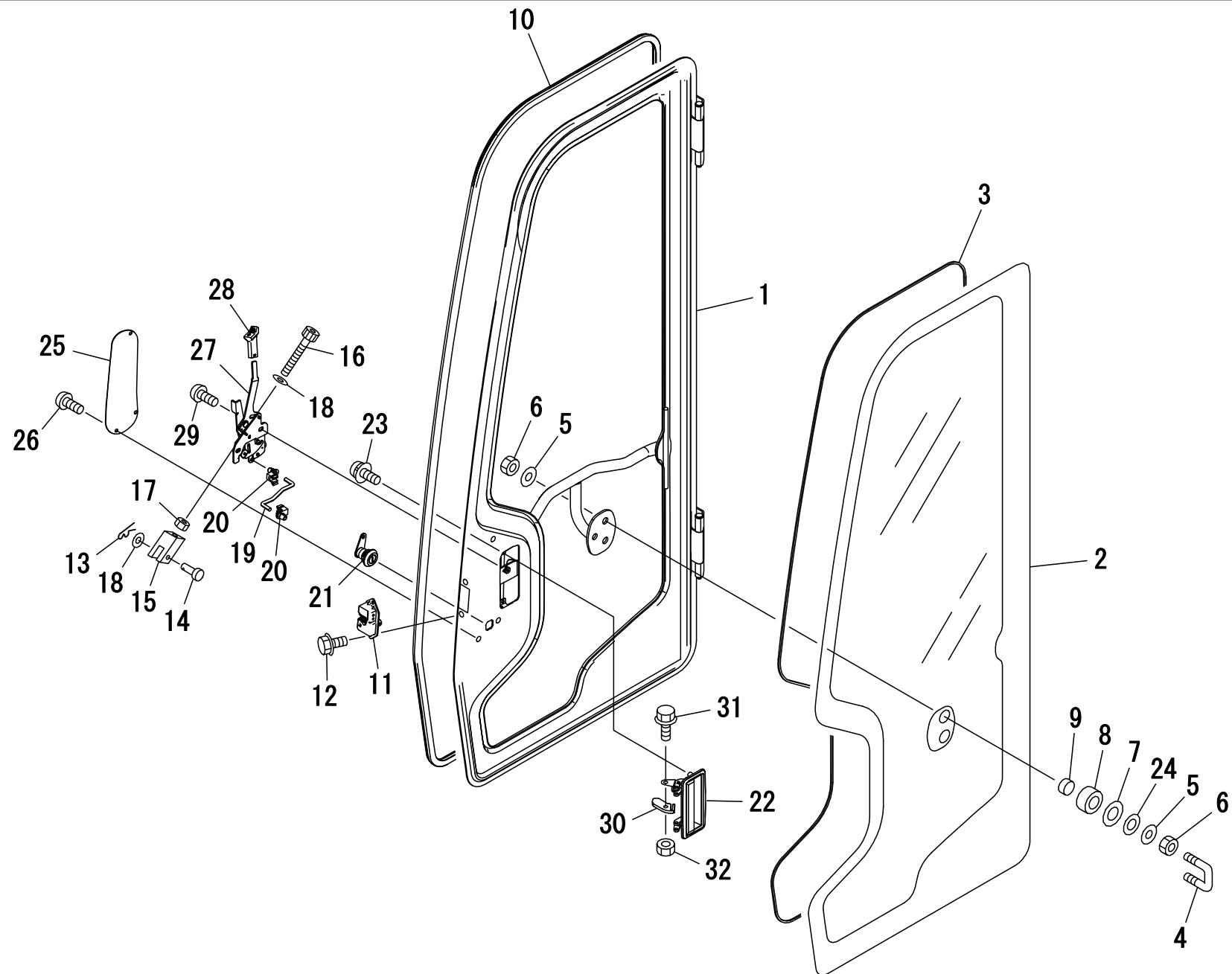
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						CAB (1/4)
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
0	0358600070	CAB ASSY	1			
1	X *****	• CAB	1			
2	0358600074	• DOOR ASSY	1			see page (2/4)
3	0358600075	• SASH ASSY, front	1			see page (3/4)
4	0358600076	• GLASS	1			
5	0358600077	• GLASS	1			
6	0358600078	• GLASS	1			
7	0358600079	• SASH ASSY, side	1			see page (4/4)
8	0568660560	• ROOF	1			
9	1654646330	• DAM	1			sold by the meter
10	1654652315	• DAM	1			sold by the meter
11	1654652385	• DAM	1			sold by the meter
12	1654615255	• DAM	1			sold by the meter
13	0358600080	• COVER	1			
14	0358600081	• LOCK	1			
15	1653916069	• TRIM	1			sold by the meter
16	1652515100	• RUBBER, cushion	2			
17	0378607111	• HOLDER	2			
18	0378607112	• HOLDER	2			
19	0358600082	• HARNESS, wiring	1			
20	0568660590	• HARNESS, wiring	1			
21	0568660600	• LOCK	1			
22	0358600083	• LEVER	1			
23	1650100415	• GRIP	1			
24	1654010800	• PIN	1			
25	0578602196	• WASHER	1			
26	0007000096	• SPRING	1			
27	0568660620	• BRACKET	1			
28	0358600084	• COVER	1			
29	0568626600	• GROMMET	1			
30	1654011708	• STRIKER	1			
31	0578600126	• SHIM	AR			
32	0568660780	• PLATE	1			
33	0358600088	• COVER	1			
34	0358600089	• COVER	1			
35	0358600090	• COVER	1			
36	1652900014	• RIVET	19			
37	1703007300	• LAMP, room	1			
37-1	1703007301	• BULB	1			
38	1654004800	• HANGER	1			
39	1705003500	• SPEAKER	2			
40	1705003550	• GRILLE	2			
41	1651101046	• STOPPER	2			
42	0378607164	• WASHER	2			
43	0568660680	• BLIND	1			
44	0568660690	• BRACKET	1			
45	1654648093	• TRIM	1			sold by the meter
46	0568660700	• BRACKET	1			
47	1654011930	• HOLDER	1			
48	0378607920	• PLATE	1			
49	1711910040	• NOZZLE, washer	1			
50	1711910014	• JOINT	1			
51	1711910016	• JOINT	1			
52	1711919140	• HOSE	1			sold by the meter
53	1705003460	• ANTENNA	1			
54	1711900066	• SOCKET	1			

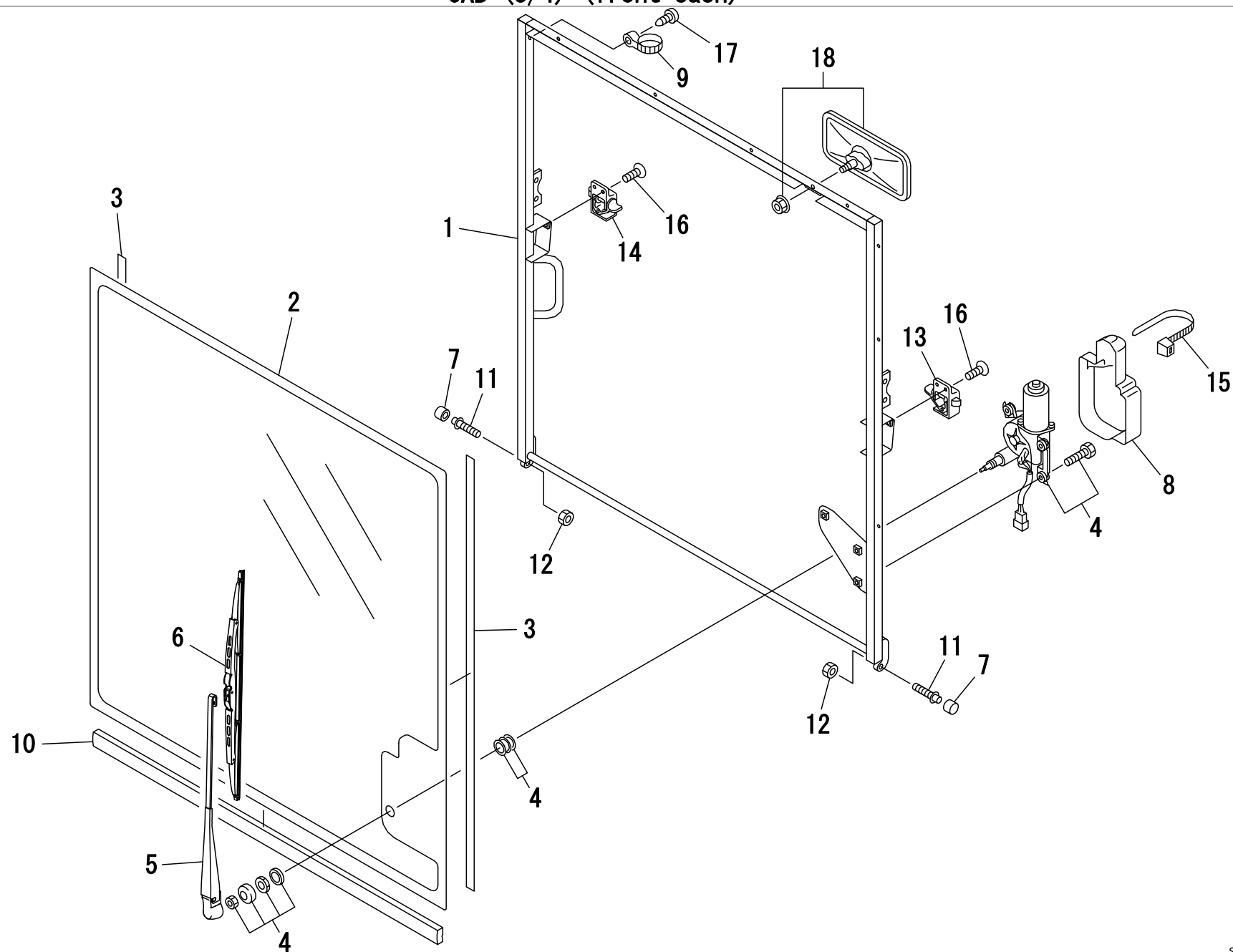
						CAB (1/4)
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
55	0358600091	• BRACKET	1			
56	0568660720	• PACKING	1			
57	1654011735	• WASHER	1			
58	1651101042	• STOPPER	2			
59	1654631370	• SEAL	1			sold by the meter
60	1654631165	• SEAL	1			sold by the meter
61	1654649153	• SEAL	1			sold by the meter
62	1652221050	• BAND	1			
63	0358600092	• CUSHION	1			
64	0568660730	• ARM ASSY (R. H.)	1			
64-1	0568660731	• • ARM (R. H.)	1			
64-2	0083252100	• • WASHER	2			
64-3	0578600401	• • WASHER	1			
64-4	0348603870	• • BRACKET	1			
64-5	1100790820	• • BOLT	1			
64-6	0568660736	• • BRACKET	1			
64-7	1106690616	• • BOLT	2			
64-8	0378607195	• • SHIM	AR			
65	0568660740	• ARM ASSY (L. H.)	1			
65-1	0568660741	• • ARM (L. H.)	1			
65-2	0083252100	• • WASHER	2			
65-3	0578600401	• • WASHER	1			
65-4	0348603870	• • BRACKET	1			
65-5	1100790820	• • BOLT	1			
65-6	0568660736	• • BRACKET	1			
65-7	1106690616	• • BOLT	2			
65-8	0378607195	• • SHIM	AR			
66	1653900075	• SPRING, gas	2			
67	0378607980	• STRIKER	2			
68	0378607205	• SHIM	AR			
69	0083252100	• WASHER	2			
70	0568660760	• PACKING	4			
71	0578600401	• WASHER	2			
72	1652516003	• CUSHION	2			
73	0568660770	• MIRROR ASSY (L. H.)	1			
73-1	0568660771	• • HOLDER	1			
73-2	0568660772	• • STAY	1			
73-3	1656500140	• • MIRROR	1			
73-4	1130040016	• • NUT	2			
73-5	1225110016	• • WASHER, conical	2			
74	1652102012	• STOPPER	2			
75	1653303008	• CAP	4			
76	0358600093	• SPRING	1			
77	1653303010	• CAP	12			
78	1653303012	• CAP	8			
79	0378607223	• SHIM	AR			
80	1130090010	• NUT	2			
81	1224010015	• E-RING	1			
82	1654011705	• WASHER	6			
83	1654011900	• WASHER	4			
84	1654011701	• GROMMET	1			
85	1120590412	• SCREW	10			
86	1150410414	• BOLT	2			
87	1150410512	• SCREW	2			
88	1150420512	• SCREW	1			
89	1150410616	• SCREW	8			

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	CAB (1/4)
							Remarks
90	1150420616	· BOLT	1				
91	1150420625	· SCREW	2				
92	1120790412	· SCREW	2				
93	1122500412	· SCREW	2				
94	0568660810	· BOLT	4				
95	1120890825	· BOLT	2				
96	1100790616	· BOLT	4				
97	1106690616	· BOLT	2				
98	1120990820	· SCREW	6				
99	1100740616	· BOLT	8				
100	1100790820	· BOLT	10				
101	1100041020	· BOLT	2				
102	0568660820	· BUSHING	4				
103	1654011710	· CAP	1				
104	1130040010	· NUT	2				
	E8e110						

Memo



							CAB (2/4) (door)
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	0358600074	DOOR ASSY	1				
1	0358600095	· DOOR	1				
2	0358600096	· GLASS, door	1				
3	1654643396	· DAM	1				sold by the meter
4	1654005900	· STRIKER	1				
5	1654011943	· WASHER	4				
6	1130090010	· NUT	4				
7	0378607164	· WASHER	2				
8	0378610408	· SEAL	2				
9	0378610410	· COLLAR	2				
10	1654605440	· SEAL	1				sold by the meter
11	0068620400	· LOCK ASSY	1				
12	1106690612	· BOLT	2				
13	1214000004	· PIN, snap	1				
14	1654011933	· PIN	1				
15	1654011934	· YOKE	1				
16	1110040430	· SCREW, cap	1				
17	1131242004	· NUT	1				
18	1654012004	· WASHER	2				
19	0378610419	· ROD	1				
20	0398610900	· SNAP	2				
21	1653611527	· LOCK ASSY	1				
22	1654008600	· HANDLE	1				
23	1150410612	· SCREW	2				
24	1654011812	· WASHER	2				
25	0568660340	· COVER	1				
26	1150420512	· SCREW	3				
27	0568660350	· CONTROL ASSY	1				
28	1654008800	· KNOB	1				
29	1150410616	· SCREW	2				
30	0378607448	· STRIKER	1				
31	1106640616	· BOLT	1				
32	1131212605	· NUT	1				
E8e130							



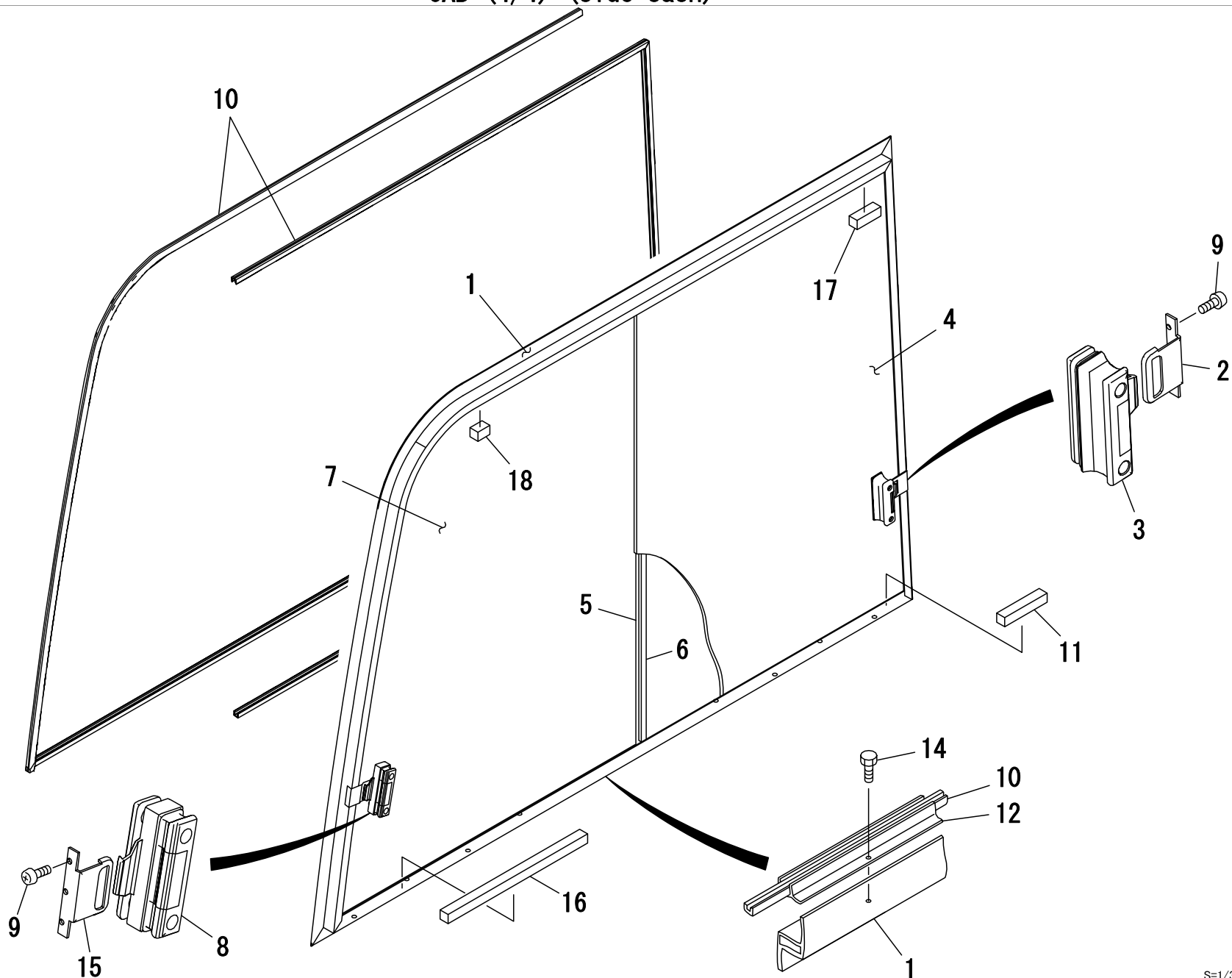
E8E140

Reference E8E140

S=1/12

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							CAB (3/4) (front sash)
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	0358600075	SASH ASSY, front	1				
1	0358600097	· FRAME	1				
2	0358600098	· GLASS	1				
3	1654615093	· DAM	2				sold by the meter
4	1704051212	· MOTOR, wiper	1				
5	1704000100	· ARM, wiper	1				
6	1704200530	· BLADE	1				
7	0578600470	· ROLLER	2				
8	1704400002	· COVER	1				
9	1652221050	· BAND	4				
10	0378607710	· SEAL	1				
11	0578600406	· BOLT	2				
12	1130090010	· NUT	2				
13	0578600480	· HANDLE	1				
14	0578600490	· HANDLE	1				
15	1652200005	· BAND	5				
16	1120890616	· SCREW	4				
17	1122400512	· SCREW	4				
18	1654005460	· MIRROR, room	1				
E8e140							



E8E150

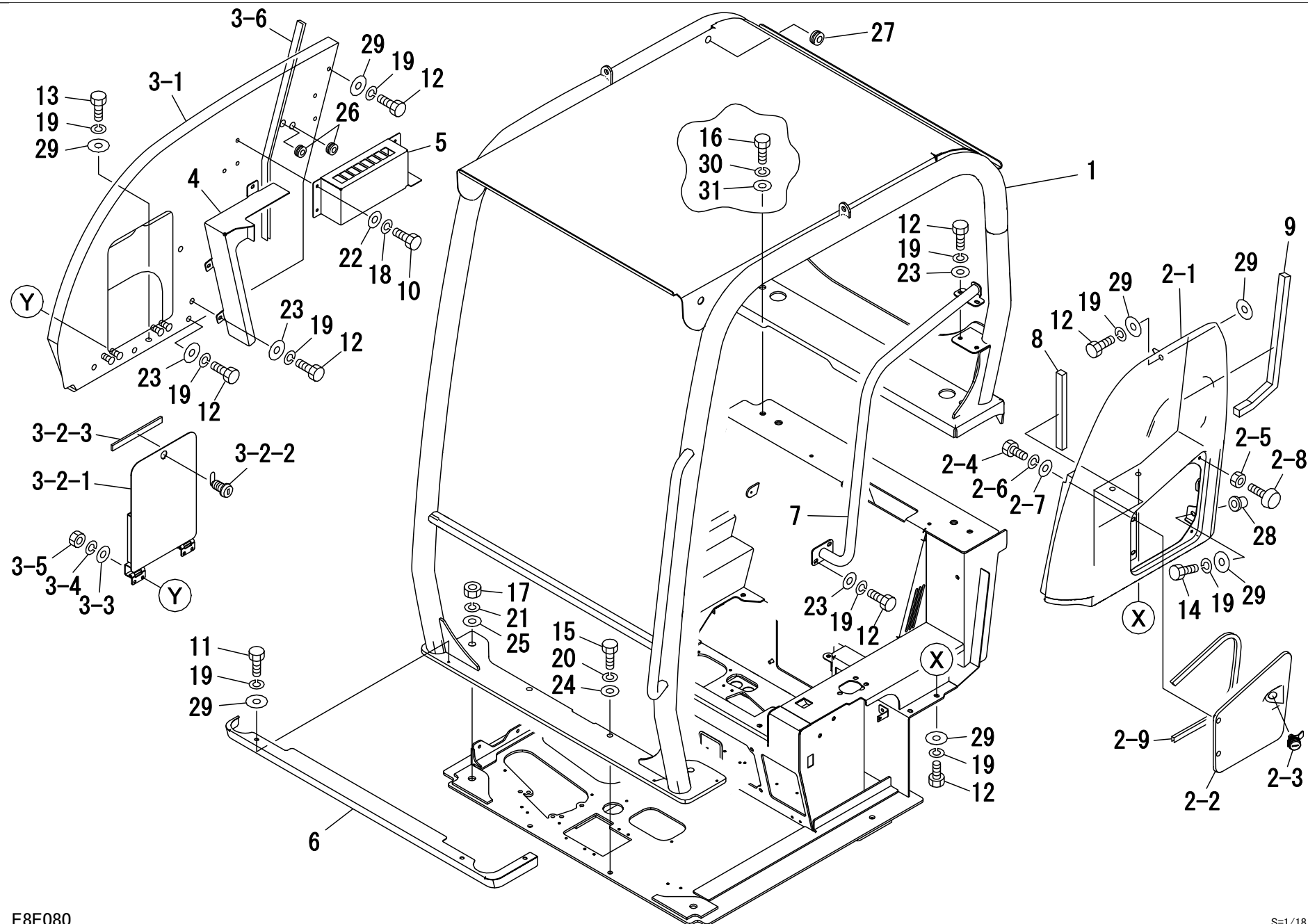
Reference E8E150

S=1/3,1/10

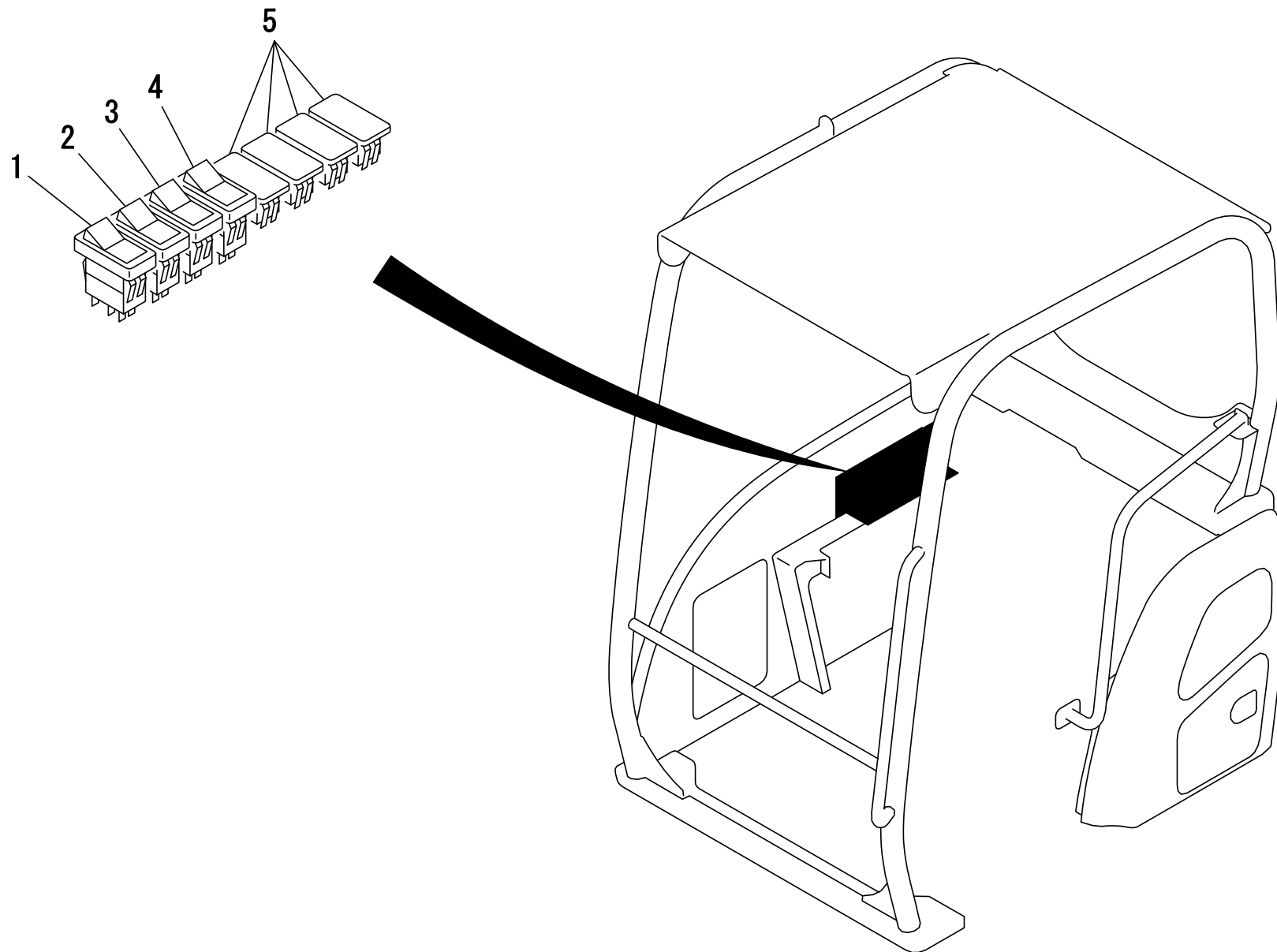
ページ 5-13

CAB (4/4) (side sash)

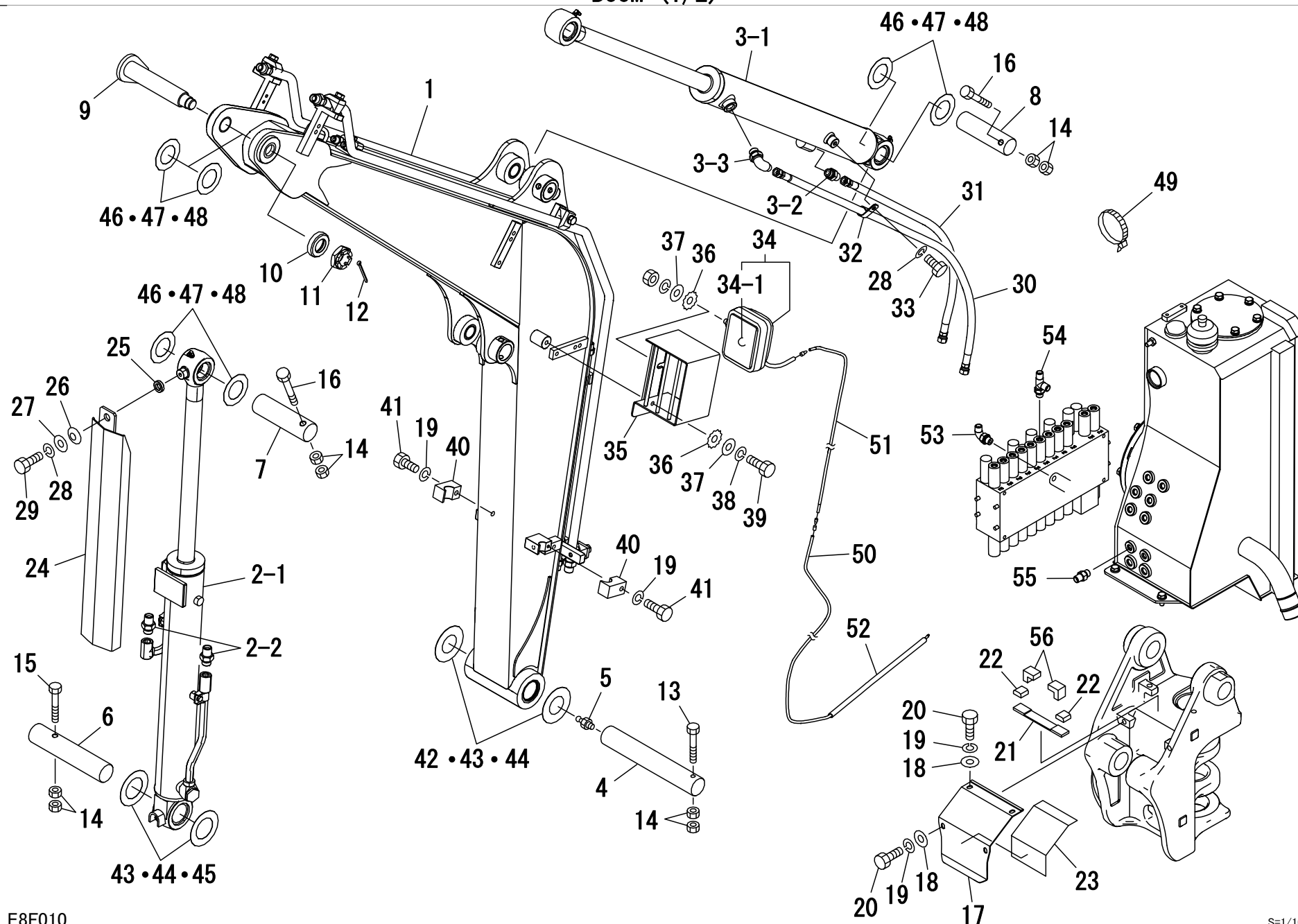
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	0358600079	SASH ASSY, side	1				
1	0358600099	· SASH ASSY	1				
2	0358600101	· STRIKER	1				
3	0358600102	· LOCK ASSY	1				
4	0358600103	· GLASS	1				
5	0358600104	· SEAL	1				
6	0358600105	· SEAL	1				
7	0358600106	· GLASS	1				
8	0358600107	· LOCK ASSY	1				
9	0358600108	· SCREW	6				
10	0358600109	· GLASS RUN	2				
11	0358600110	· RUBBER	1				
12	0358600111	· FRAME	1				
14	0358600113	· BOLT	8				
15	0358600114	· STRIKER	1				
16	0358600115	· RUBBER	1				
17	0358600116	· RUBBER	1				
18	0358600117	· RUBBER	1				
	E8e150						



Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	CANOPY Remarks
1	0558400085	CANOPY ASSY	1				
2	X *****	CANOPY	1				
2-1	0378400072	COVER ASSY, side	1				
2-2	0378400033	· COVER, side	1				
2-3	0378219330	· COVER	1				
2-4	1100040820	· LOCK	1				
2-5	1130040005	· BOLT	2				
2-6	1140020008	· NUT	2				
2-7	1141110008	· WASHER, spring	2				
2-8	1652515100	· WASHER	2				
2-9	1653916068	· RUBBER, cushion	2				
3	X *****	· TRIM	1				sold by the meter
3-1	0378400095	COVER ASSY, center	1				
3-2	X *****	· COVER	1				
3-2-1	0558400075	· COVER ASSY	1				
3-2-2	1653611836	· · COVER	1				
3-2-3	0558400112	· · LOCK	1				
3-3	1141110008	· · SPONGE	1				
3-4	1140020008	· WASHER	4				
3-5	1130020008	· WASHER, spring	4				
3-6	1654605064	· NUT	4				
4	0558400057	· SEAL	1				sold by the meter
5	0558400083	PLATE	1				
6	0558400100	PLATE	1				
7	0558400102	COVER	1				
8	0358400005	HANDRAIL	1				
9	0358400006	SPONGE	1				
10	1100040620	SPONGE	1				
11	1100040816	BOLT	4				
12	1100040820	BOLT	3				
13	1100040825	BOLT	14				
14	1100040830	BOLT	2				
15	1100041040	BOLT	1				
16	1101041230	BOLT	2				
17	1130540016	BOLT	2				
18	1140020006	NUT	2				
19	1140020008	WASHER, spring	4				
20	1140020010	WASHER, spring	20				
21	1140020016	WASHER, spring	2				
22	1141110006	WASHER, spring	2				
23	1141110008	WASHER	4				
24	1141110010	WASHER	10				
25	1141110016	WASHER	2				
26	1652051800	WASHER	2				
27	1652052200	GROMMET	2				
28	1652520008	GROMMET	1				
29	0003608252	NUT	1				
30	1140020012	WASHER	11				
31	1141550012	WASHER, spring	2				
	E8e080	WASHER	2				



SWITCH							
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		SWITCH ASSY					
1	1700008260	SWITCH	1				light
2	1700008220	SWITCH	1				auto-decel.
3	1700008234	SWITCH	1				power and highland mode
4	1700008250	SWITCH	1				service detent
5	1700008129	PLUG	4				
	E8e090						



E8F010

Reference E8F010

S=1/16

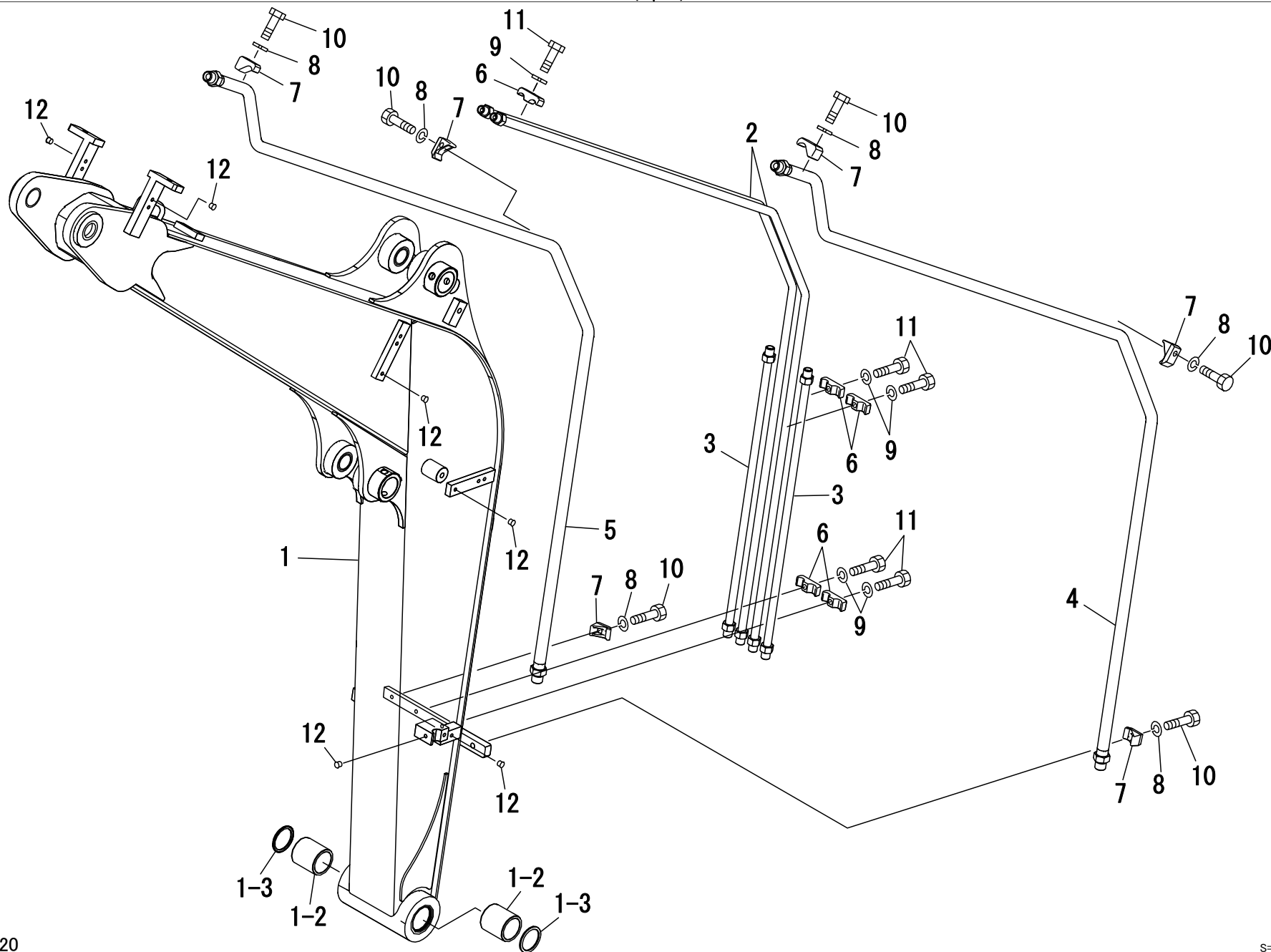
6-1

BOOM (1/2)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		BOOM ASSY					
1	X *****	BOOM SUB ASSY	1				see page (2/2)
2	X *****	CYLINDER ASSY, boom	1				
2-1	1900117900	· CYLINDER, boom	1				
2-2	1515600201	· ADAPTOR	2				
	1420010140	· · O-RING	1				
3	X *****	CYLINDER ASSY, arm	1				
3-1	1900118000	· CYLINDER, arm	1				
3-2	1515600201	· ADAPTOR	1				
	1420010140	· · O-RING	1				
3-3	1515010051	· ELBOW	1				
	1420010180	· · O-RING	1				
4	0011575009	PIN	1				
5	1560001000	FITTING, grease	1				
6	0011515017	PIN	1				
7	0001613004	PIN	1				
8	0001613005	PIN	1				
9	0011903007	PIN	1				
10	0003900013	WASHER	1				
11	1132630030	NUT	1				
12	1210010655	PIN, split	1				
13	1103141005	BOLT	1				
14	1130240010	NUT	8				
15	1103141010	BOLT	1				
16	1103041080	BOLT	2				
17	0356000074	COVER	1				
18	1141110008	WASHER	4				
19	1140020008	WASHER, spring	6				
20	1100040820	BOLT	4				
21	0356000086	RUBBER	1				
22	0356023059	RUBBER	2				
23	0356021060	RUBBER	1				
24	0356000075	COVER, rod	1				
25	0003600237	COLLAR	1				
26	1225120018	WASHER, conical	1				
27	0003610002	WASHER	1				
28	1140020010	WASHER, spring	2				
29	1100041020	BOLT	1				
30	1801720130	HOSE ASSY	1				
31	1801720080	HOSE ASSY	1				
32	0007300057	CLAMP	1				
33	1100041016	BOLT	1				
34	1703002700	LAMP	1				
34-1	1703002706	· BULB	1				
35	0376007500	GUARD	1				
36	1140330012	WASHER	2				
37	1141110012	WASHER	2				
38	1140020012	WASHER, spring	1				
39	1100041230	BOLT	1				
40	0356000055	CLAMP	2				
41	1100040845	BOLT	2				
42	0003600155	SHIM	AR				t=1.0mm
43	0003600060	SHIM	AR				t=0.2mm
44	0003600061	SHIM	AR				t=0.5mm
45	0003600154	SHIM	AR				t=1.0mm
46	0003600164	SHIM	AR				t=1.0mm

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	BOOM (1/2)
							Remarks
47	0003600035	SHIM	AR				t=0. 2mm
48	0003600036	SHIM	AR				t=0. 5mm
49	1652201005	BAND	2				
50	0434200500	WIRE	1				
51	0434200600	WIRE	1				
52	1531312050	PROTECTOR	1				sold by the meter
53	1515012040	ELBOW	1				
	1420010110	· O-RING	1				
54	1512370011	TEE	1				
	1420010110	· O-RING	1				
55	1515600200	ADAPTOR	1				
	1420010110	· O-RING	1				
56	0356000113	RUBBER	2				
	E8f010						

Memo



E8F020

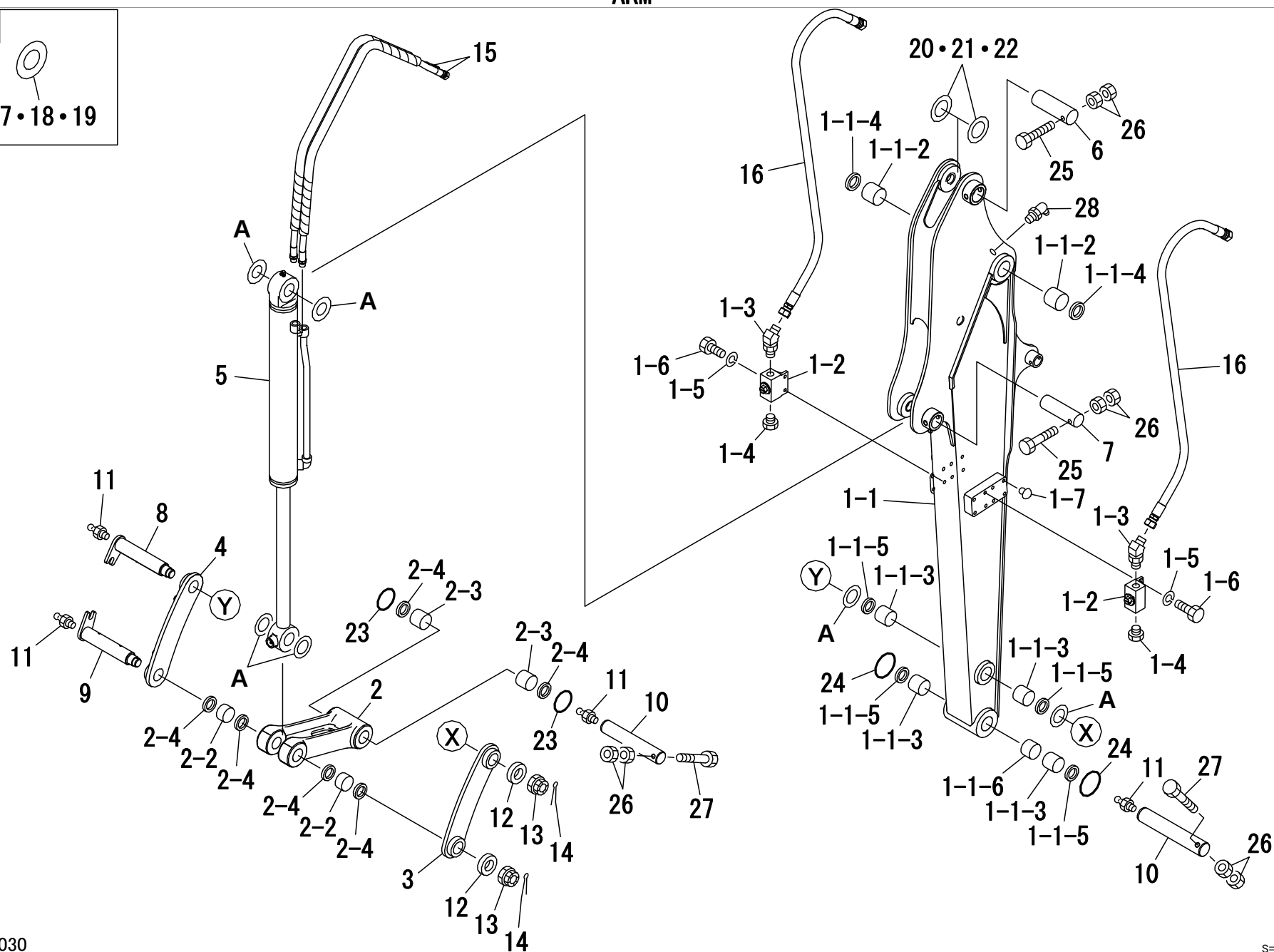
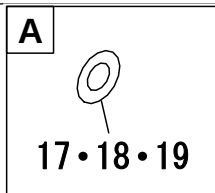
Reference E8F020

S=1/13

6-2

BOOM (2/2)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0-1	X *****	BOOM SUB ASSY	1				
1	0356000030	• BOOM	1				
1-2	0002705015	• • BUSHING	2				
1-3	1432200050	• • SEAL, dust	2				
2	0356000105	• PIPE	2				
3	0356002500	• PIPE	2				
4	0356000058	• PIPE (L. H.)	1				
5	0356000066	• PIPE (R. H.)	1				
6	1534000015	• CLAMP	5				
7	1534100219	• CLAMP	6				
8	1140020012	• WASHER, spring	6				
9	1140020008	• WASHER, spring	5				
10	1100041250	• BOLT	6				
11	1100040835	• BOLT	5				
12	1652533017	• CAP	22				
	E8f020						



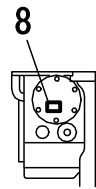
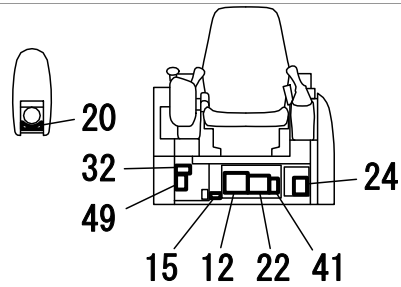
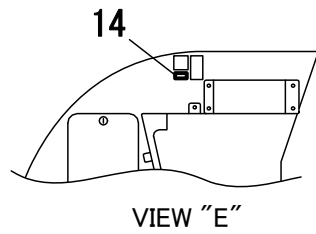
E8F030

Reference E8F030

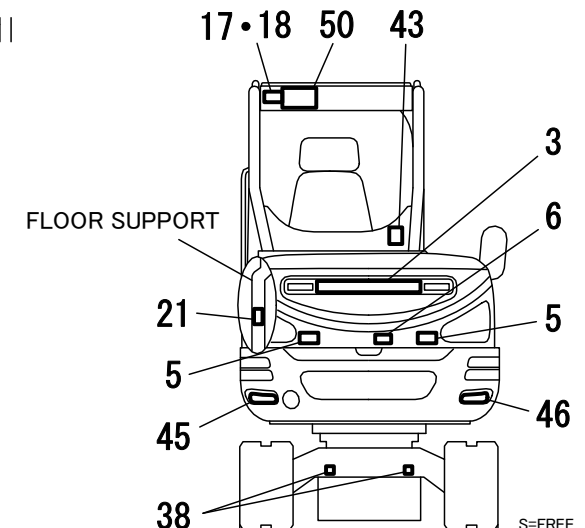
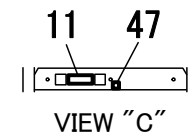
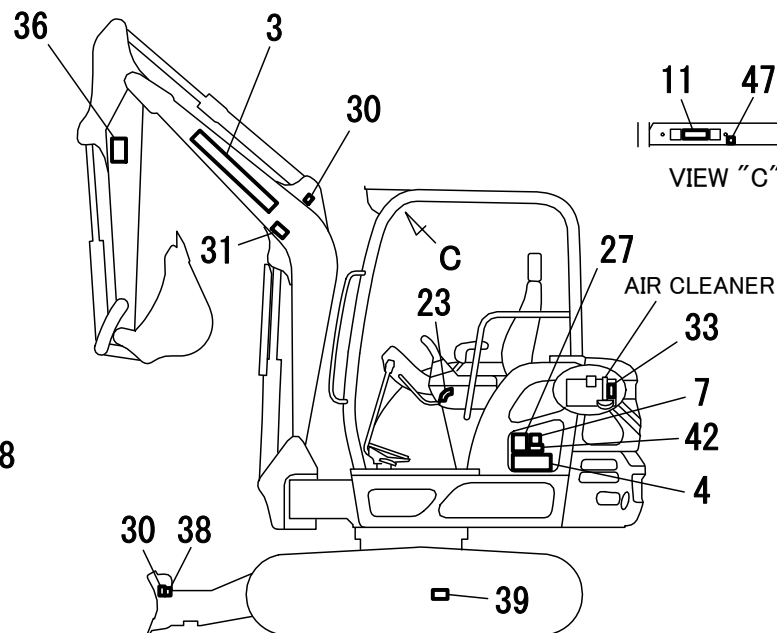
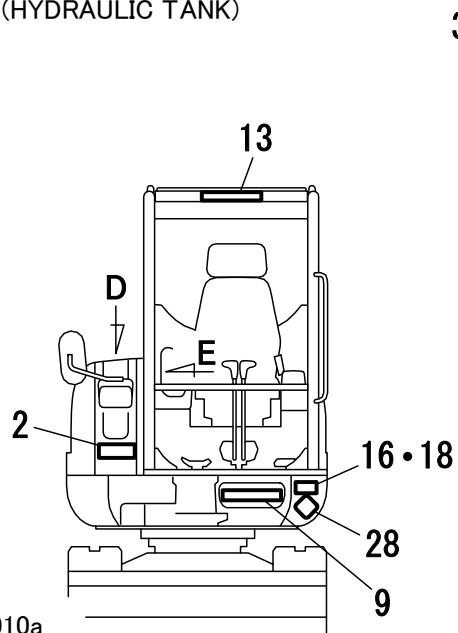
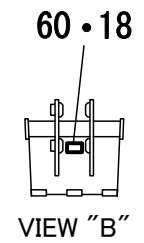
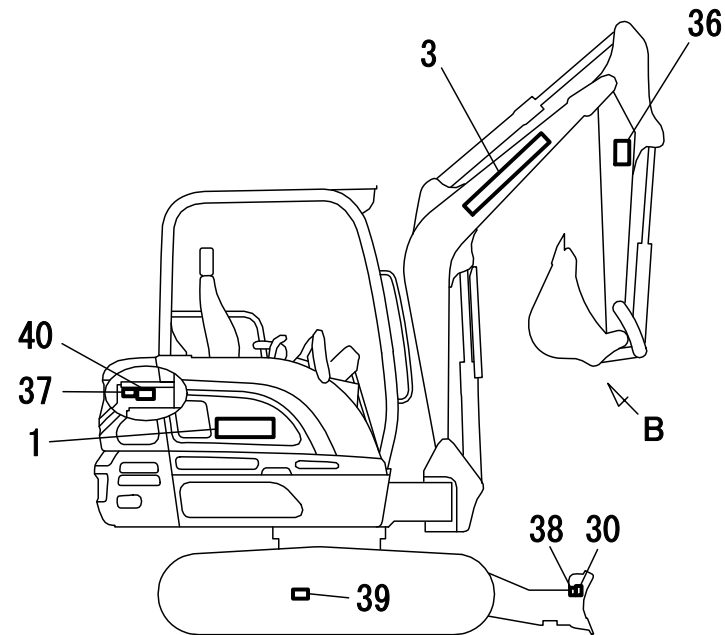
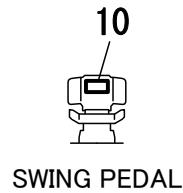
S=1/18

6-3

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	ARM Remarks
1	X *****	ARM ASSY, long	1				
1-1	0356100072	ARM SUB ASSY, long	1				
1-1-2	0002400019	· ARM, long (1445mm)	1				
1-1-3	0002400028	· · BUSHING	2				
1-1-4	1432200040	· · BUSHING	4				
1-1-5	1432200035	· · SEAL, dust	2				
1-1-6	0003038002	· · SEAL, dust	4				
1-2	1901719800	· · COLLAR	1				
1-3	1515100112	· VALVE, stop	2				
	1420010180	· ELBOW	2				
1-4	1501750004	· · O-RING	1				
	1420010180	· PLUG	2				
1-5	1140020008	· · O-RING	1				
1-6	1100040820	· WASHER, spring	4				
1-7	1652533017	· BOLT	4				
2	0356113800	· CAP	8				
2-2	0002100025	LINK, bucket	1				
2-3	0002400028	· BUSHING	2				
2-4	1432200035	· BUSHING	2				
3	0356109550	· SEAL, dust	6				
4	0356109450	LINK, guide (L.H.)	1				
5	1900077800	LINK, guide (R.H.)	1				
6	0001613003	CYLINDER, bucket	1				
7	0001612001	PIN	1				
8	0001792001	PIN	1				
9	0001792002	PIN	1				
10	0001523503	PIN	2				
11	1560001000	FITTING, grease	4				
12	0003900021	WASHER	2				
13	1132630024	NUT	2				
14	1210010545	PIN, split	2				
15	0356102700	HOSE ASSY	2				18015-22110
16	1801640120	HOSE ASSY	2				
17	0003600051	SHIM	AR				t=0.2mm
18	0003600052	SHIM	AR				t=0.5mm
19	0436111700	SHIM	AR				t=1.0mm
20	0003600053	SHIM	AR				t=0.2mm
21	0003600054	SHIM	AR				t=0.5mm
22	0003600164	SHIM	AR				t=1.0mm
23	1432900004	O-RING	2				
24	1432900047	O-RING	2				
25	1103041080	BOLT	2				
26	1130240010	NUT	8				
27	1103041075	BOLT	2				
28	1560001675	FITTING, grease	1				
	E8f030						



VIEW "D"
(HYDRAULIC TANK)

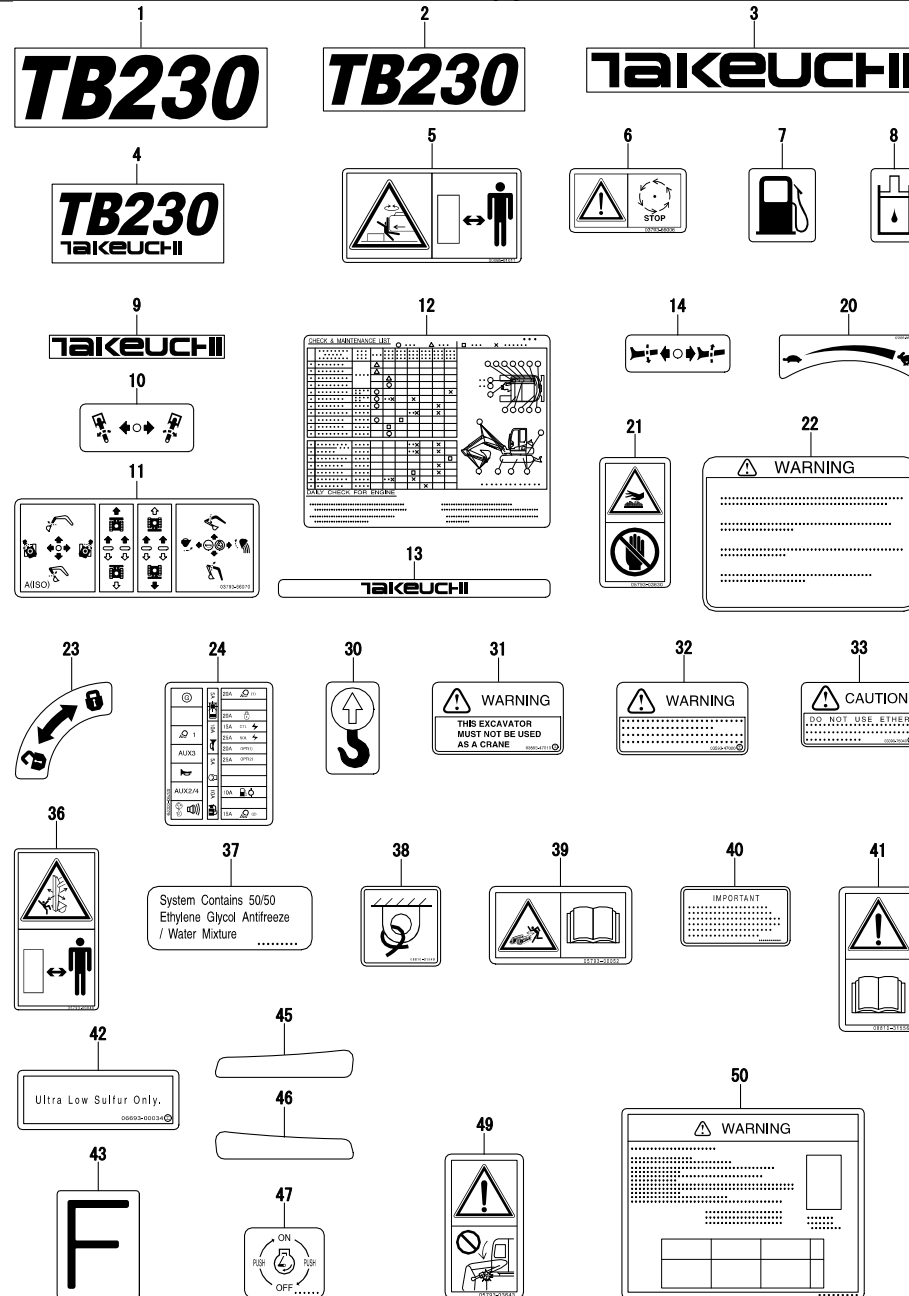


E8G010a

Reference E8G010a

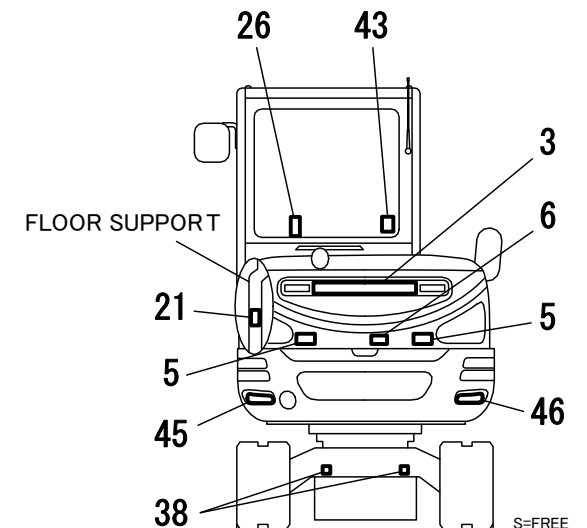
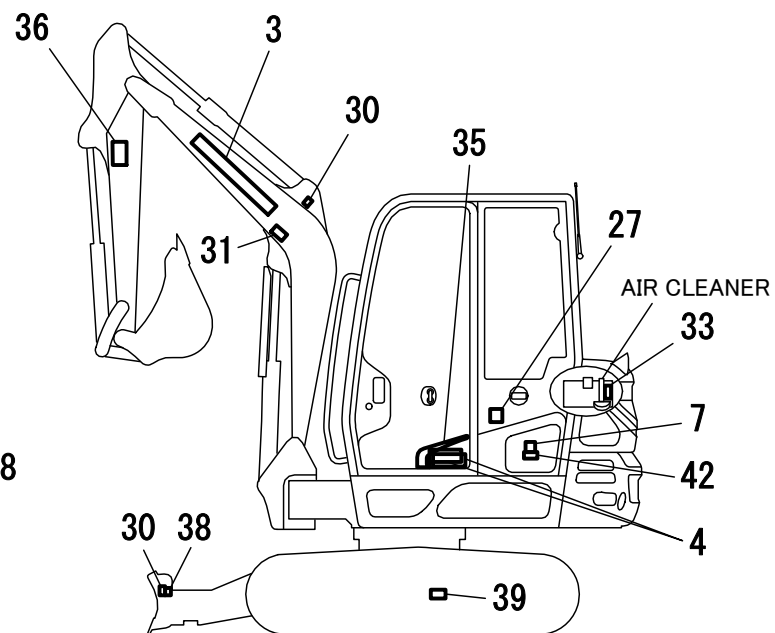
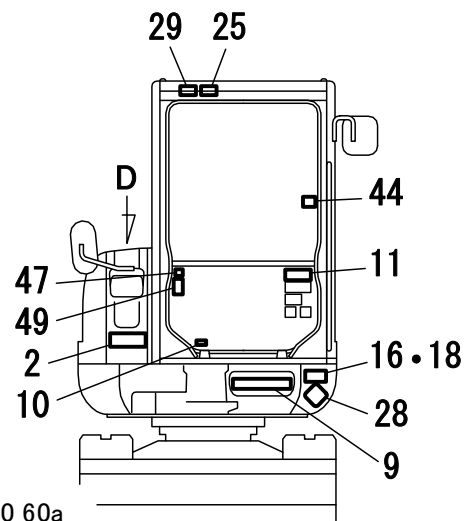
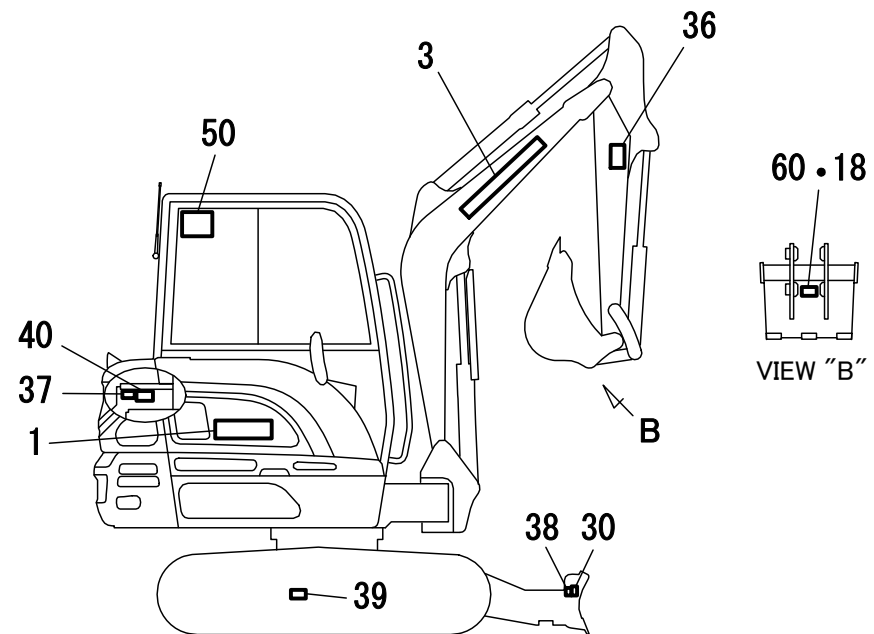
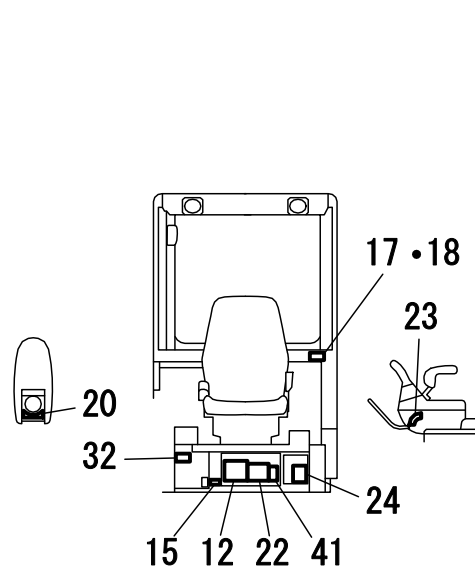
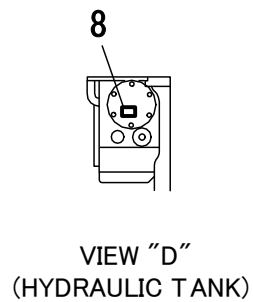
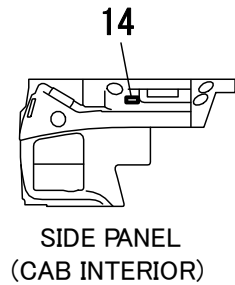
S=FREE

TB230 [P-TB230_F-XC] Book No. BE8Z000-0-B S/N 130000003-
DECAL (canopy) (2/2)



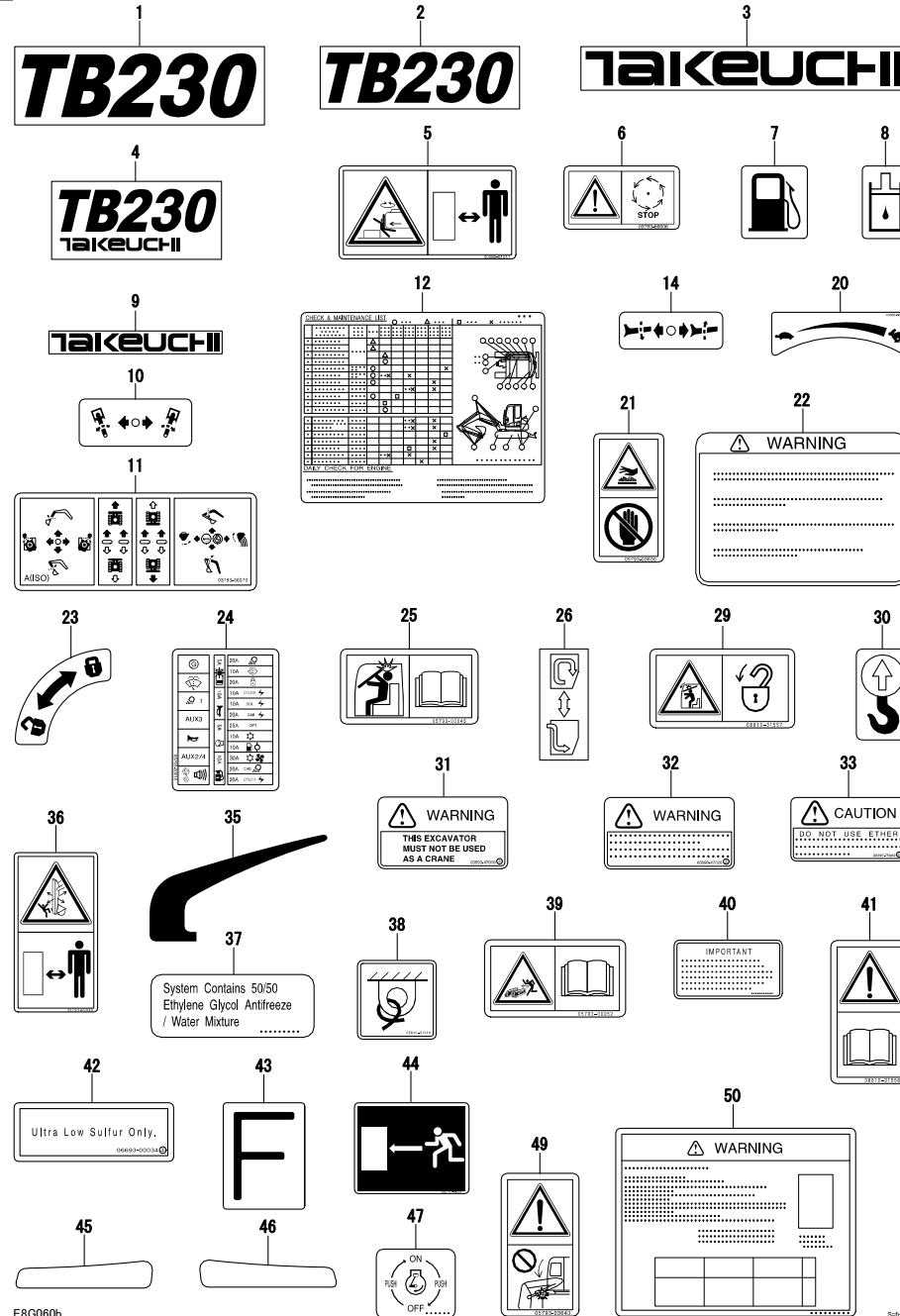
DECAL (canopy)					
Item	Part number	Description	Q'ty	Chan.	Serial No. Serv. Remarks
0	0359300005	DECAL SET (US TAKEUCHI)	1		
1	0359300008	• DECAL	1		
2	0359300009	• DECAL	1		
3	0008500060	• DECAL	3		
4	0359300010	• DECAL	2		
5	0008501011	• DECAL	2		
6	0379366006	• DECAL	1		
7	0359306600	• DECAL	1		
8	0359306700	• DECAL	1		
9	0008500332	• DECAL	1		
10	0329360060	• DECAL	1		
11	0379366070	• DECAL	1		
12	0359300011	• DECAL	1		
13	0559300060	• DECAL	1		
14	0359325190	• DECAL	1		
15	X *****	• DECAL	1		
16	X *****	• DECAL	1		
17	X *****	• DECAL	1		
18	X *****	• SCREW	8		
20	0569366526	• DECAL	1		
21	0579303630	• DECAL	1		
22	0359313700	• DECAL	1		
23	0329360100	• DECAL	1		
24	0379300029	• DECAL	1		
27	X *****	• DECAL	1		
28	X *****	• DECAL	1		
30	0399300500	• DECAL	3		
31	0359347010	• DECAL	1		
32	0359347020	• DECAL	1		
33	0339375040	• DECAL	1		
36	0579300049	• DECAL	2		
37	0359313900	• DECAL	1		
38	0881031549	• DECAL	4		
39	0579300052	• DECAL	2		
40	0339376240	• DECAL	1		
41	0881031556	• DECAL	1		
42	0669300034	• DECAL	1		
43	0399300400	• DECAL	1		
45	0379300020	• DECAL	1		
46	0379300021	• DECAL	1		
47	0569335060	• DECAL	1		
49	0579303643	• DECAL	1		
50	0359300021	• DECAL	1		
60	X *****	• DECAL	1		
	E8g010				

Memo



E8G0 60a

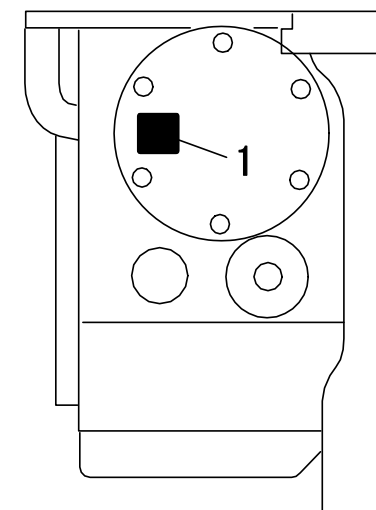
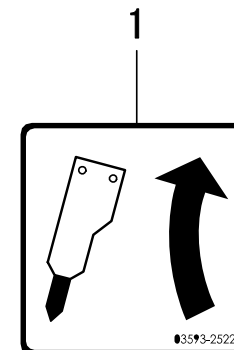
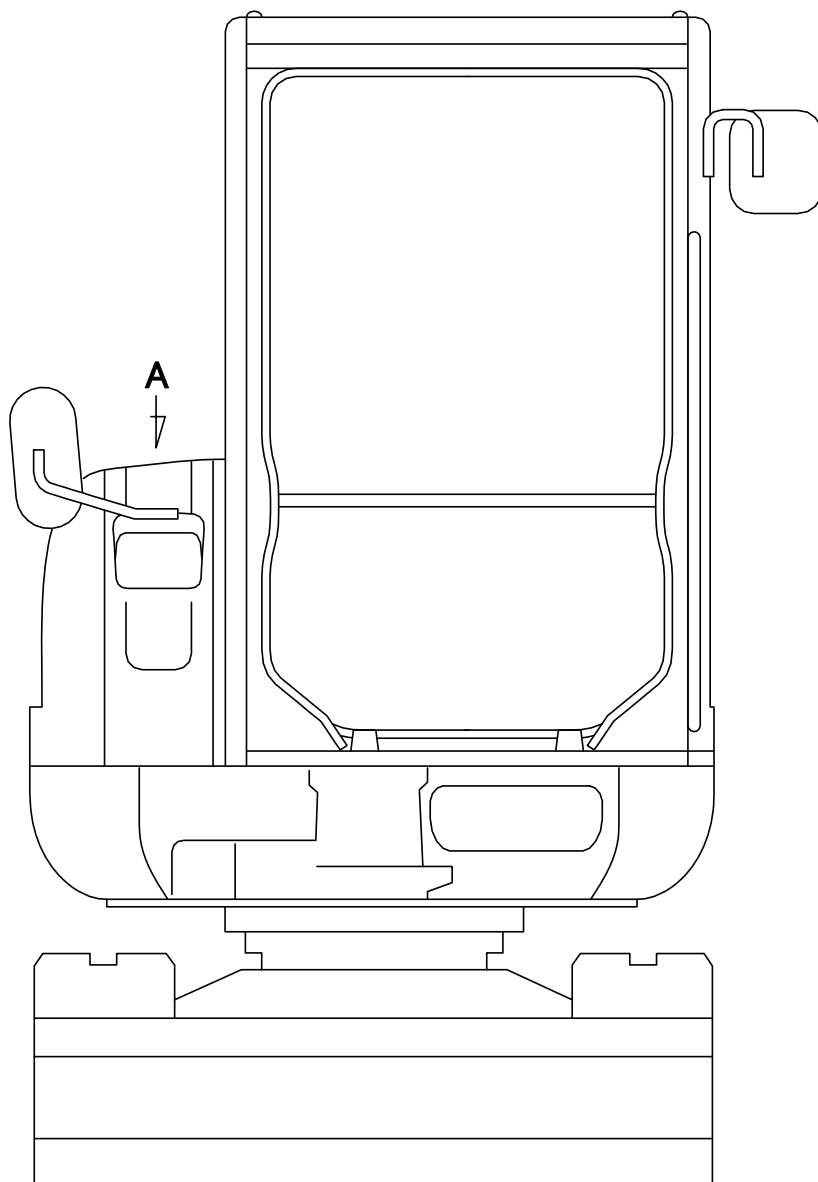
Reference E8G060a



E8G060b

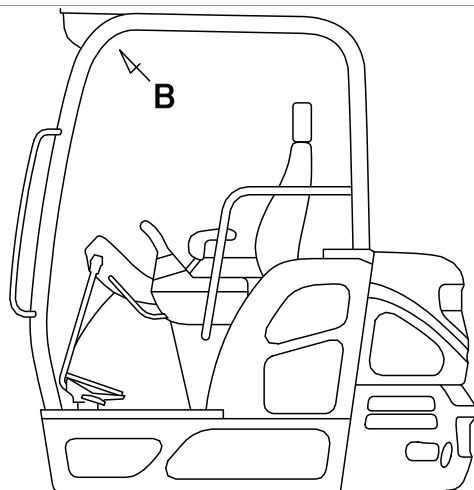
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	DECAL (cab) Remarks
0	0359300004	DECAL SET (US TAKEUCHI)	1				
1	0359300008	• DECAL	1				
2	0359300009	• DECAL	1				
3	0008500060	• DECAL	3				
4	0359300010	• DECAL	2				
5	0008501011	• DECAL	2				
6	0379366006	• DECAL	1				
7	0359306600	• DECAL	1				
8	0359306700	• DECAL	1				
9	0008500332	• DECAL	1				
10	0329360060	• DECAL	1				
11	0379366070	• DECAL	1				
12	0359300011	• DECAL	1				
14	0359325190	• DECAL	1				
15	X *****	• DECAL	1				
16	X *****	• DECAL	1				
17	X *****	• DECAL	1				
18	X *****	• SCREW	12				
20	0569366526	• DECAL	1				
21	0579303630	• DECAL	1				
22	0359313700	• DECAL	1				
23	0329360100	• DECAL	1				
24	0379300016	• DECAL	1				
25	0579300045	• DECAL	1				
26	0189311800	• DECAL	1				
27	X *****	• DECAL	1				
28	X *****	• DECAL	1				
29	0881031557	• DECAL	1				
30	0399300500	• DECAL	3				
31	0359347010	• DECAL	1				
32	0359347020	• DECAL	1				
33	0339375040	• DECAL	1				
35	0569366501	• DECAL	1				
36	0579300049	• DECAL	2				
37	0359313900	• DECAL	1				
38	0881031549	• DECAL	4				
39	0579300052	• DECAL	2				
40	0339376240	• DECAL	1				
41	0881031556	• DECAL	1				
42	0669300034	• DECAL	1				
43	0399300400	• DECAL	1				
44	0871086051	• DECAL	1				
45	0379300020	• DECAL	1				
46	0379300021	• DECAL	1				
47	0569335060	• DECAL	1				
49	0579303643	• DECAL	1				
50	0359300020	• DECAL	1				
60	X *****	• DECAL	1				
	E8g060						

Memo

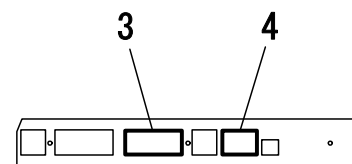


VIEW "A"
(HYDRAULIC TANK)

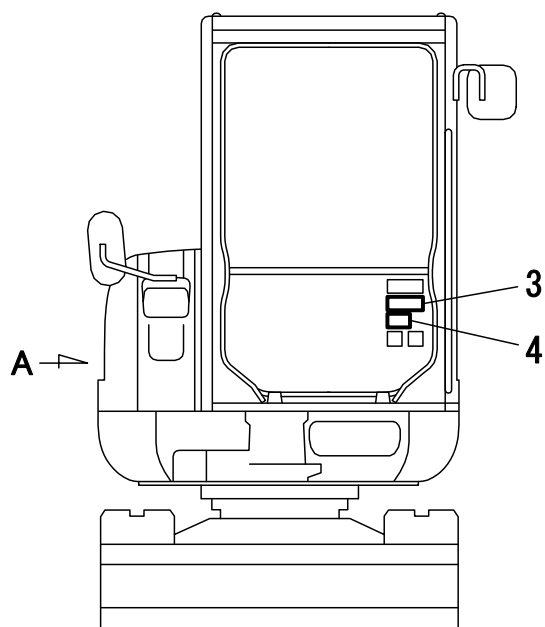
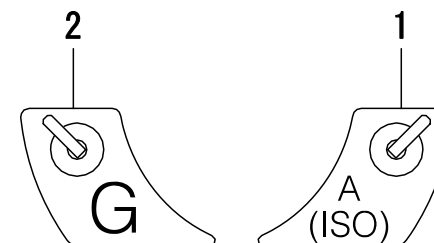
								DECAL (breaker)
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks	
1	0359325220	DECAL SET	1					
	E8g020	DECAL						



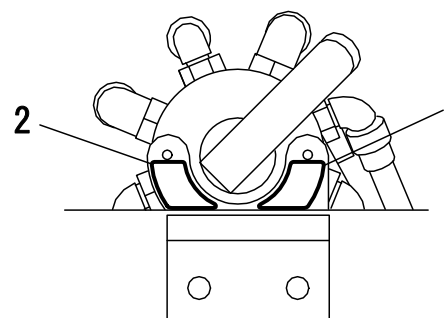
CANOPY



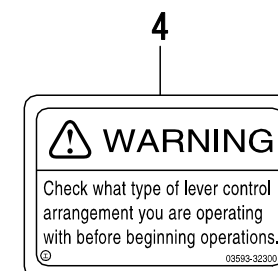
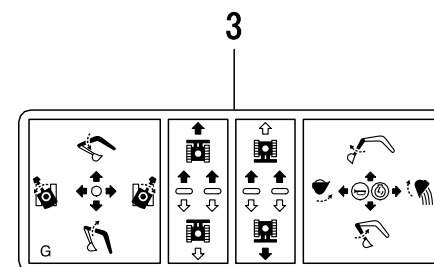
VIEW "B"



CAB

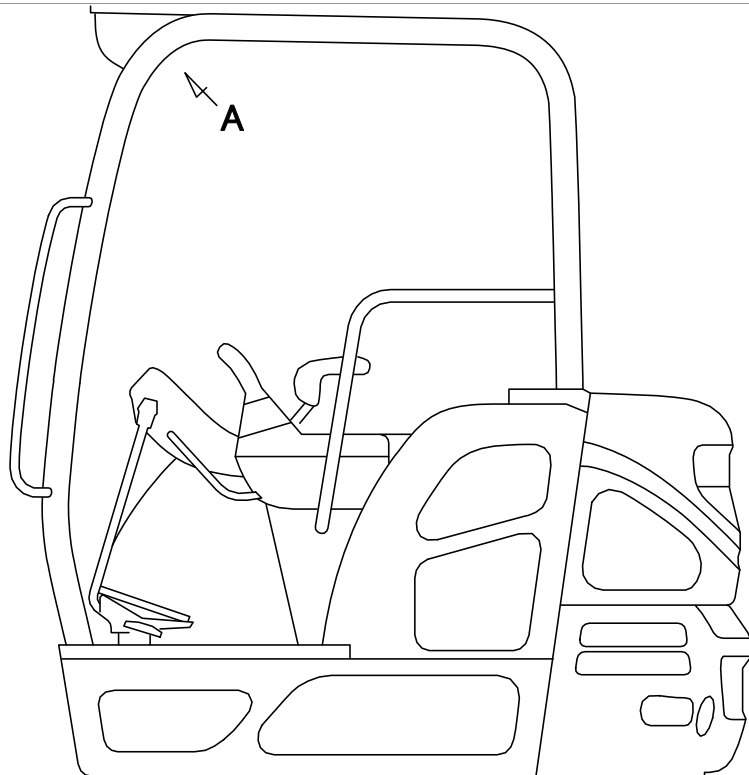


VIEW "A"
(selector valve)

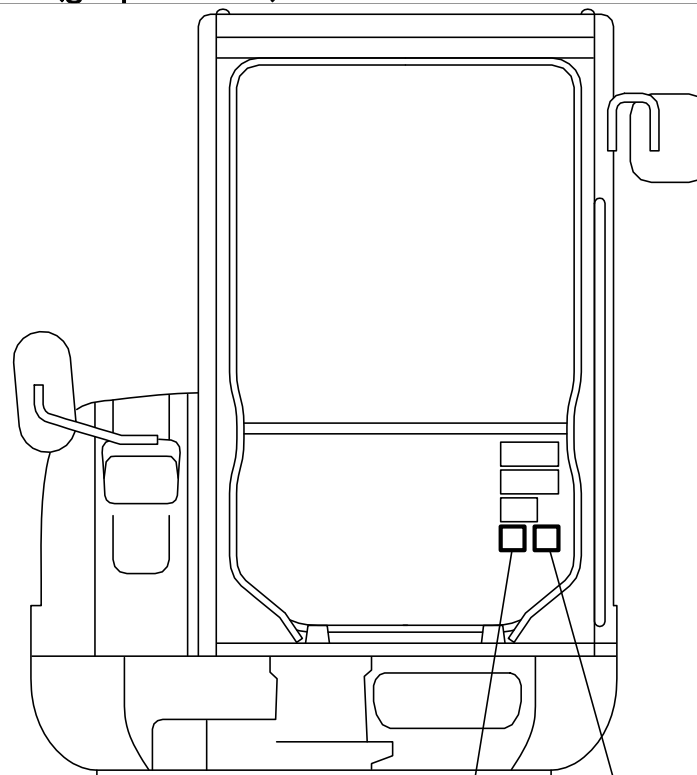


(English)

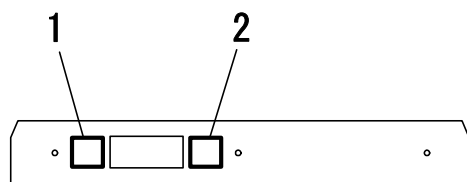
DECAL (selector valve)							
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	0359300018	DECAL SET	1				
2	0359300019	DECAL	1				
3	0379368202	DECAL	1				
4	0359332300	DECAL	1				
	E8g030						



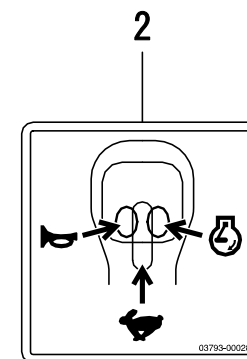
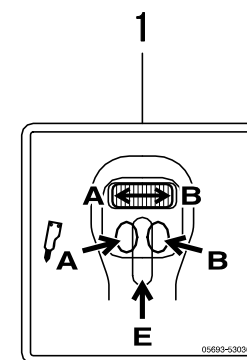
CANOPY



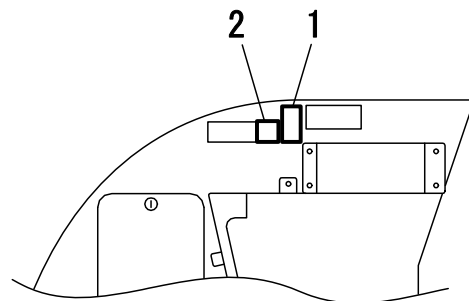
CAB



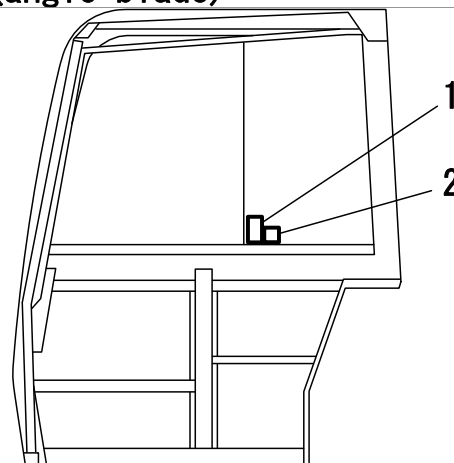
VIEW "A"



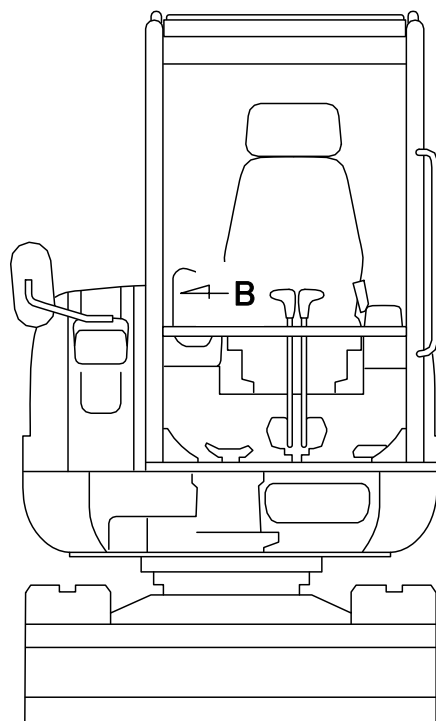
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks	DECAL (grip button)
1	0569353036	DECAL SET	1					
2	0379300028	DECAL	1					
	G8g040	DECAL	1					



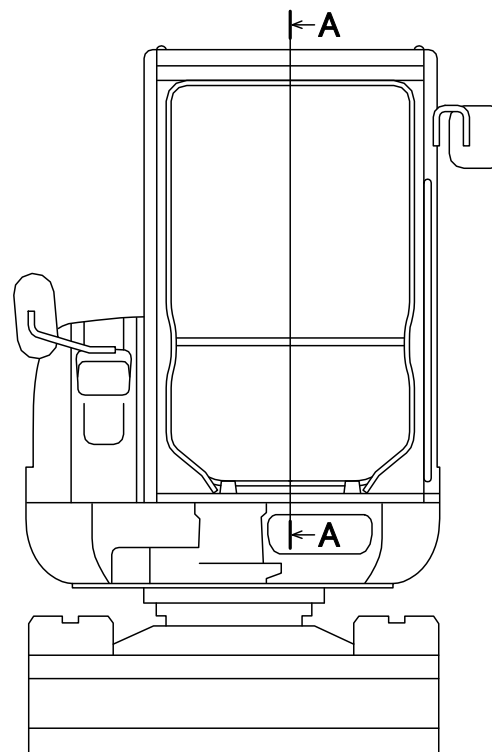
VIEW "B"



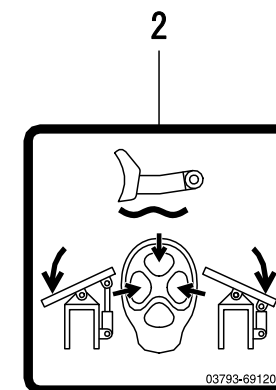
SECTION "A-A"



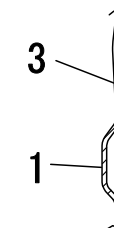
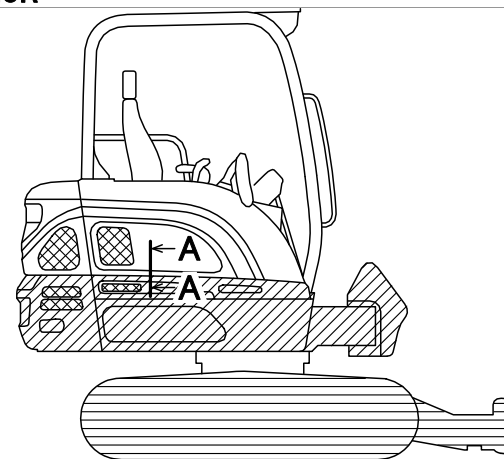
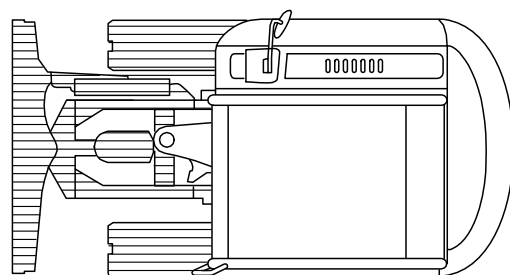
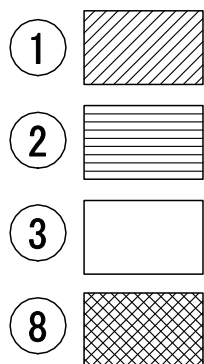
CANOPY



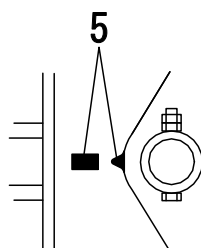
CAB



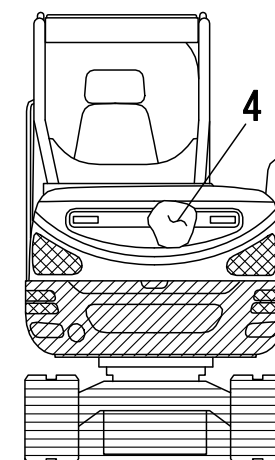
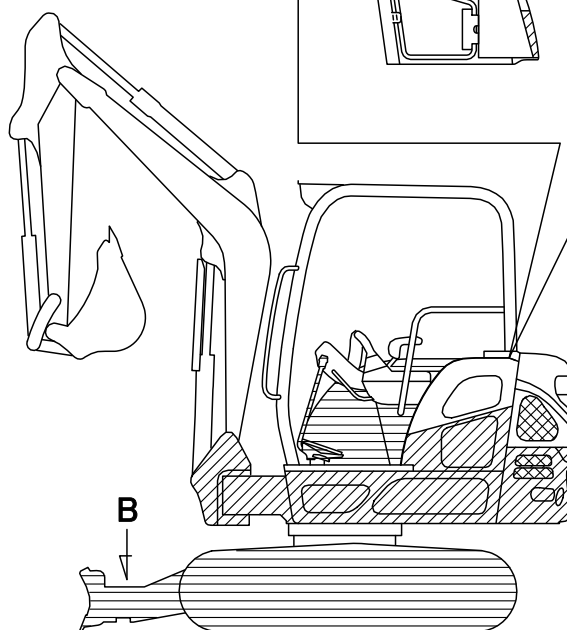
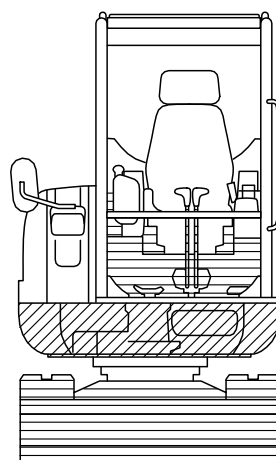
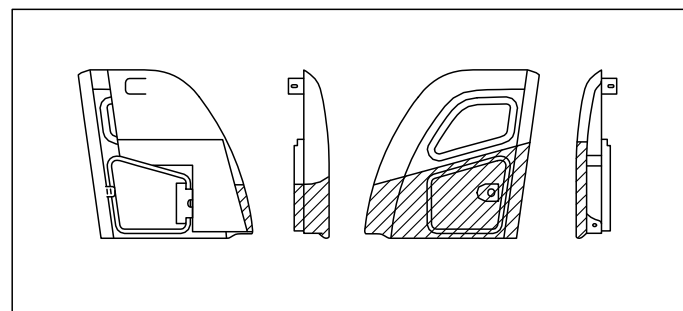
DECAL (angle blade)							
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	0379369110	DECAL SET	1				
2	0379369120	DECAL	1				
	E8g040	DECAL					



SECTION "A-A"

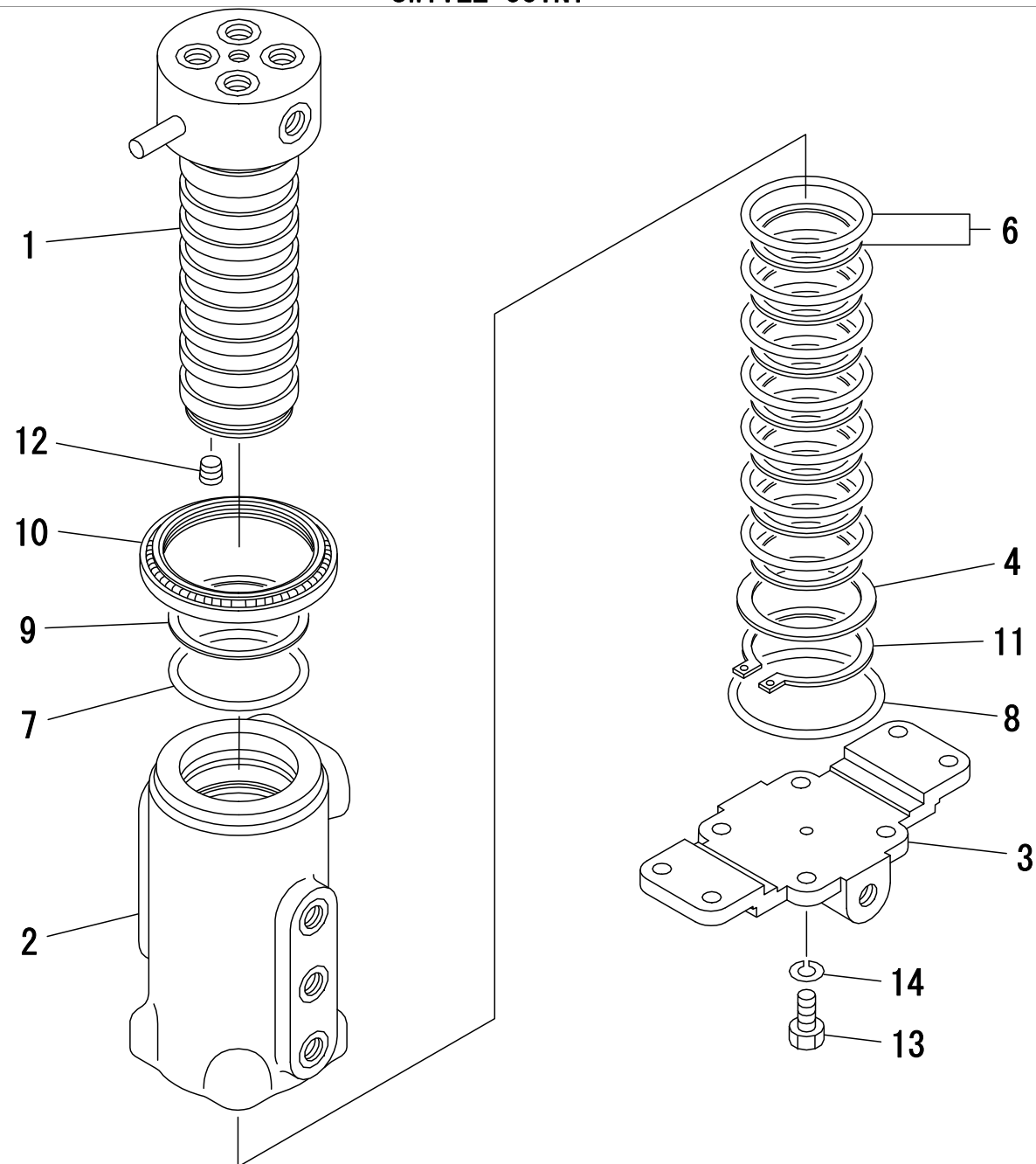


VIEW "B"
angle blade type



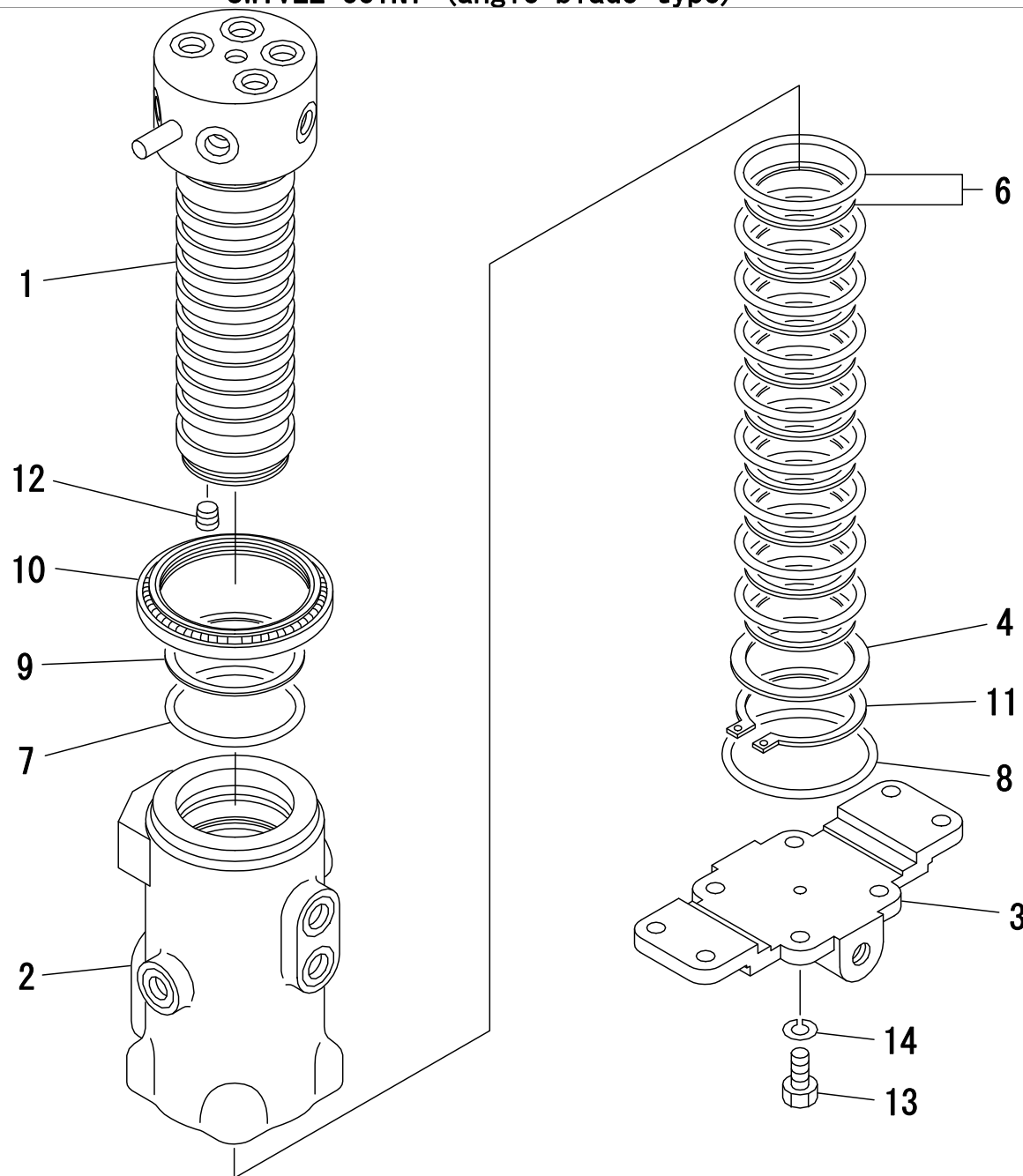
4 ENGINE & ACCESSORIES

Item	Part number	Description	Q'ty	Chan.	Serial No.	PAINTED COLOR	
						Serv.	Remarks
		PAINTED COLOR (rubber crawler)					
		PAINTED COLOR (steel crawler)					
1	1919060105	RED	1				
	1919069105	RED	1				spray
2	1919060144	GRAY	1				
	1919069144	GRAY	1				spray
3	1919060142	LIGHT GRAY	1				
	1919069142	LIGHT GRAY	1				spray
4	1919060103	BLACK	1				
	1919069103	BLACK	1				spray
5	1919060231	YELLOW	1				FITTING, grease
8	1919060172	BLACK	1				
	1919069172	BLACK	1				spray
	E8g050						



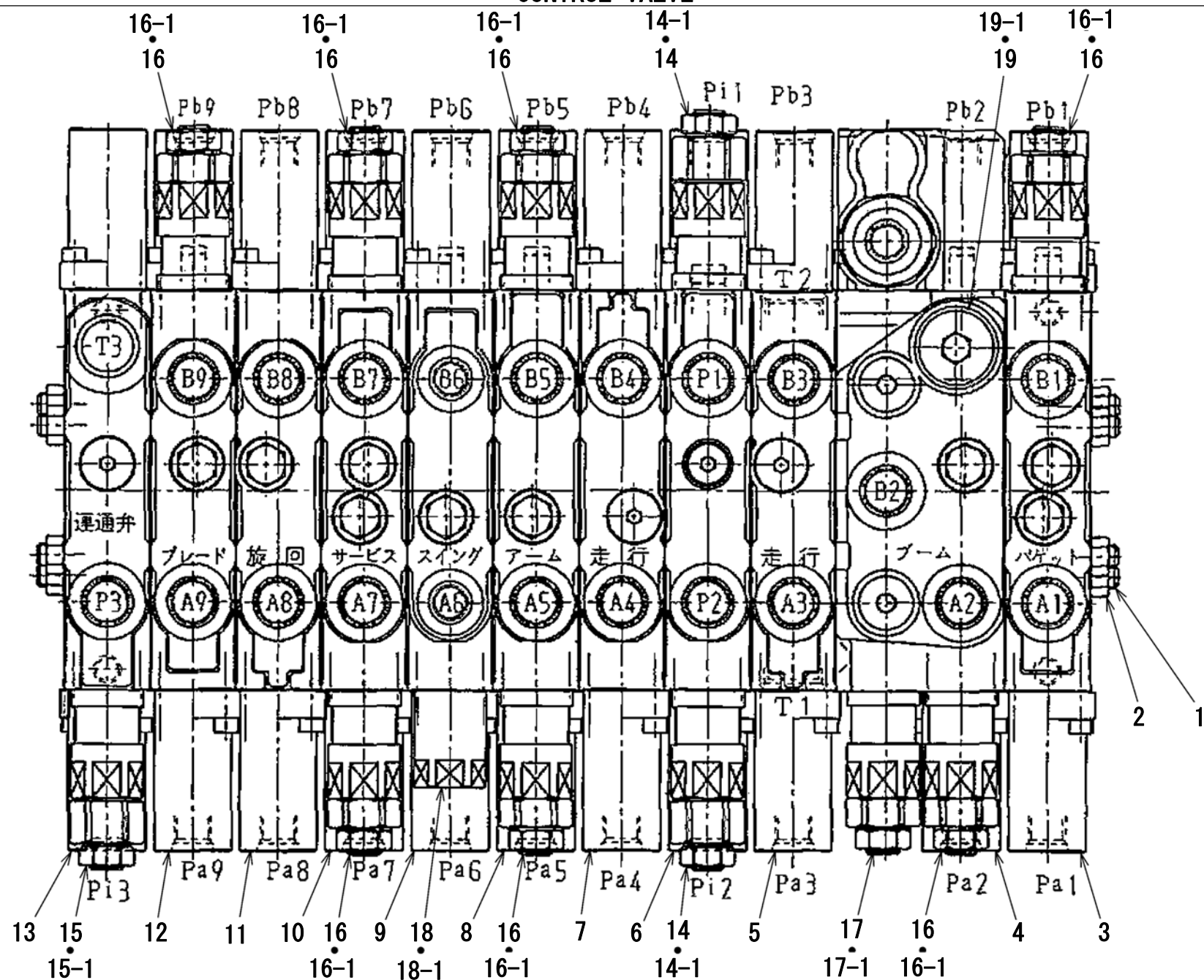
SWIVEL JOINT

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1904008600	JOINT ASSY, swivel	1				
1	1904008601	· SHAFT	1				
2	1904008302	· HUB	1				
3	1904008602	· FLANGE	1				
4	1904004604	· SPACER	1				
6	1904008606	· SEAL, slipper	7				
7	1420010600	· O-RING	1				
8	1420310040	· O-RING	1				
9	1421030600	· RING, back-up	1				
10	1904001695	· SEAL, dust	1				
11	1221000055	· RING, snap	1				
12	1501810001	· PLUG	3				
13	1100040820	· BOLT	4				
14	1140020008	· WASHER, spring	4				
	G7h010						



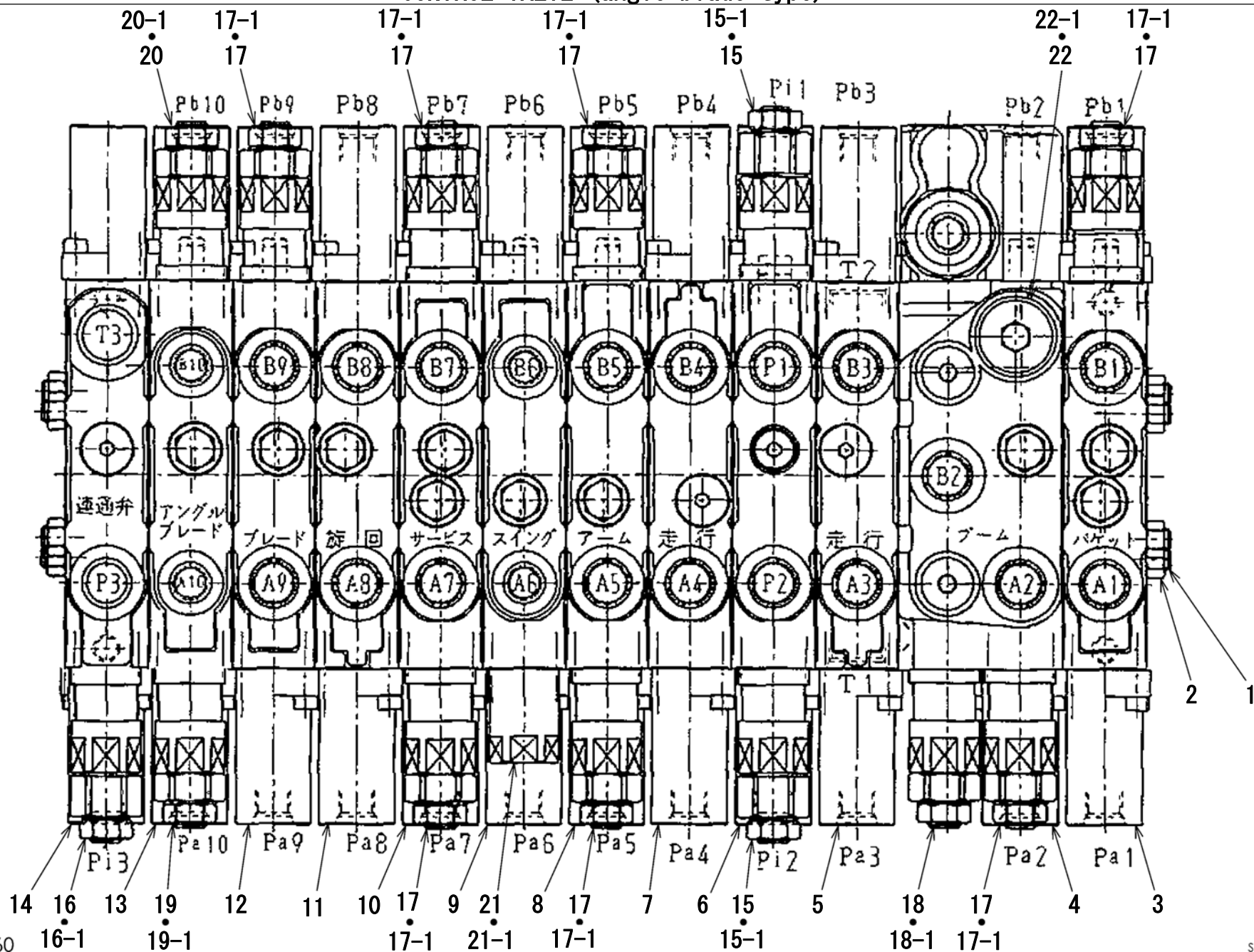
SWIVEL JOINT (angle blade type)						
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
0	1904008700	JOINT ASSY, swivel	1			
1	1904008711	· SHAFT	1			
2	1904008701	· HUB	1			
3	1904008602	· FLANGE	1			
4	1904004604	· SPACER	1			
6	1904008606	· SEAL, slipper	9			
7	1420010600	· O-RING	1			
8	1420310040	· O-RING	1			
9	1421030600	· RING, back-up	1			
10	1904001695	· SEAL, dust	1			
11	1220000055	· RING, snap	1			
12	1501810001	· PLUG	5			
13	1100040820	· BOLT	4			
14	1140020008	· WASHER, spring	4			
	G7h380					

CONTROL VALVE

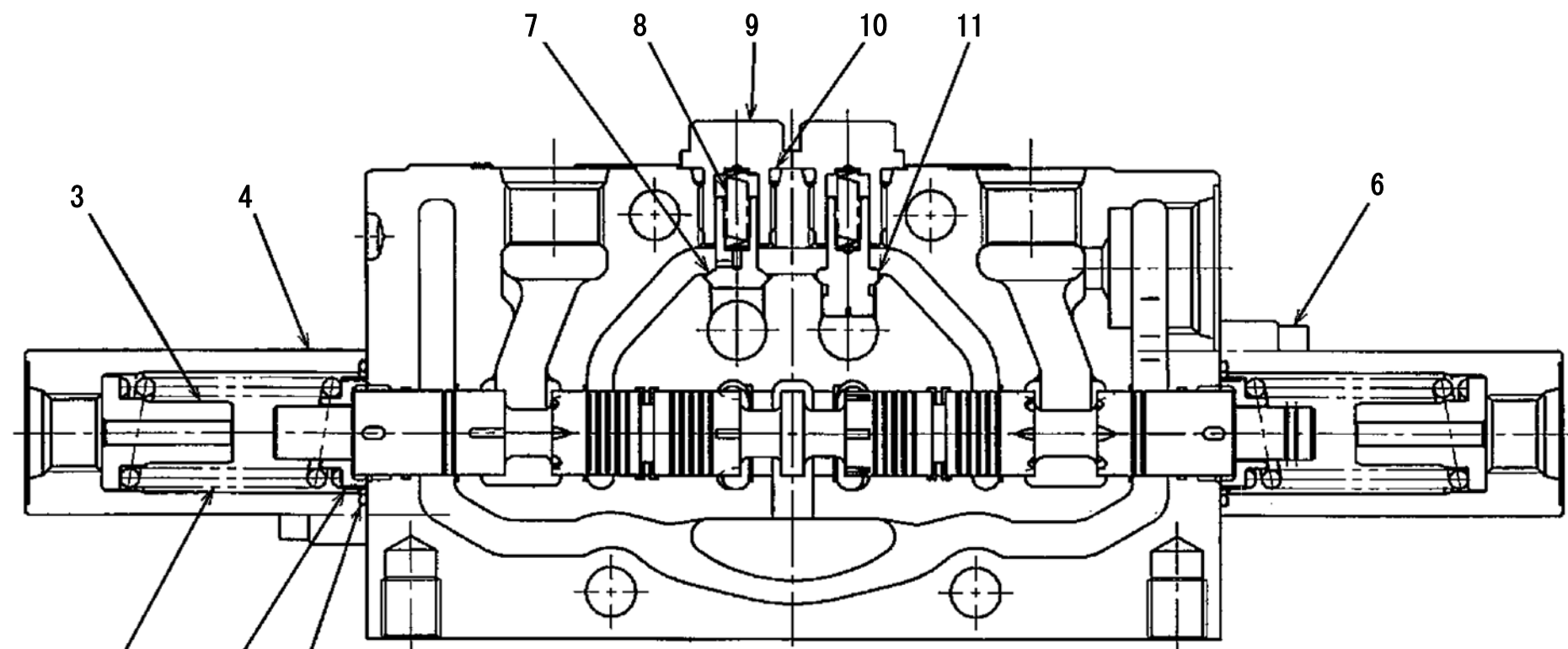
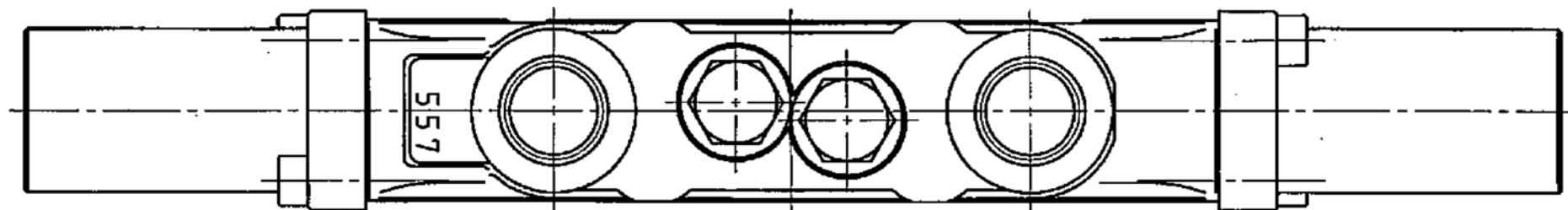


CONTROL VALVE						
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
0	1901055600	VALVE ASSY, control	1			M
1	1901042607	• ROD, tie	4			M
2	1130050008	• NUT	8			M
3	1901055713	• BLOCK ASSY, No. 1	1			M bucket
4	1901055711	• BLOCK ASSY, No. 2	1			M boom
5	1901055715	• BLOCK ASSY, No. 3	1			M traction R. H.
6	1901055703	• BLOCK ASSY, No. 4	1			M P1, P2
7	1901055716	• BLOCK ASSY, No. 5	1			M traction L. H.
8	1901055712	• BLOCK ASSY, No. 6	1			M arm
9	1901055718	• BLOCK ASSY, No. 7	1			M swing
10	1901055719	• BLOCK ASSY, No. 8	1			M auxiliary
11	1901055714	• BLOCK ASSY, No. 9	1			M slew
12	1901055617	• BLOCK ASSY, No. 10	1			M blade
13	1901055720	• BLOCK ASSY, No. 12	1			M T2, P3
14	1901055721	• VALVE ASSY	2			M relief
14-1	1420310910	• • O-RING	2			M
15	1901055722	• VALVE ASSY	1			M relief
15-1	1420310910	• • O-RING	1			M
16	1901038823	• VALVE ASSY	7			M over load
16-1	1420310910	• • O-RING	7			M
17	1901042624	• VALVE ASSY	1			M over load
17-1	1420310910	• • O-RING	1			M
18	1901042625	• VALVE ASSY	1			M anti-void
18-1	1420310910	• • O-RING	1			M
19	1901036572	• PLUG ASSY	1			M
19-1	1420010180	• • O-RING	1			M
	E8h050					

TB230 [P-TB230_F-XC] Book No. BE8Z000-0-B S/N 130000003-
CONTROL VALVE (angle blade type)



CONTROL VALVE (angle blade type)						
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
0	1901055700	VALVE ASSY, control	1			M
1	1901045707	• ROD, tie	4			M
2	1130050008	• NUT	8			M
3	1901055713	• BLOCK ASSY, No. 1	1			M bucket
4	1901055711	• BLOCK ASSY, No. 2	1			M boom
5	1901055715	• BLOCK ASSY, No. 3	1			M traction R. H.
6	1901055703	• BLOCK ASSY, No. 4	1			M P1, P2
7	1901055716	• BLOCK ASSY, No. 5	1			M traction L. H.
8	1901055712	• BLOCK ASSY, No. 6	1			M arm
9	1901055718	• BLOCK ASSY, No. 7	1			M swing
10	1901055719	• BLOCK ASSY, No. 8	1			M auxiliary
11	1901055714	• BLOCK ASSY, No. 9	1			M slew
12	1901055717	• BLOCK ASSY, No. 10	1			M blade
13	1901055710	• BLOCK ASSY, No. 11	1			M angle
14	1901055720	• BLOCK ASSY, No. 12	1			M T2, P3
15	1901055721	• VALVE ASSY	2			M relief
15-1	1420310910	• • O-RING	2			M
16	1901055722	• VALVE ASSY	1			M relief
16-1	1420310910	• • O-RING	1			M
17	1901038823	• VALVE ASSY	7			M over load
17-1	1420310910	• • O-RING	7			M
18	1901042624	• VALVE ASSY	1			M over load
18-1	1420310910	• • O-RING	1			M
19	1901048721	• VALVE ASSY	1			M over load
19-1	1420310910	• • O-RING	1			M
20	1901048722	• VALVE ASSY	1			M over load
20-1	1420310910	• • O-RING	1			M
21	1901042625	• VALVE ASSY	1			M anti-void
21-1	1420310910	• • O-RING	1			M
22	1901036572	• PLUG ASSY	1			M
22-1	1420010180	• • O-RING	1			M
E8h060						



E8H070

Reference

2

E8H070

1

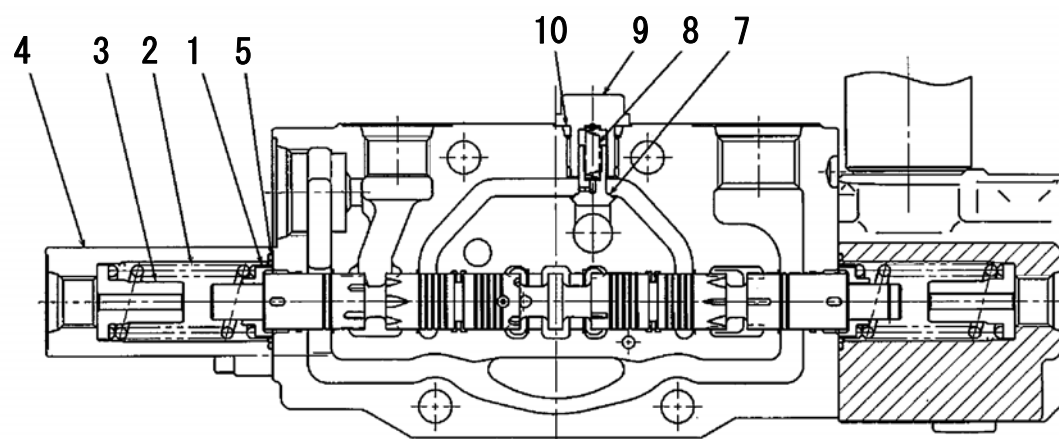
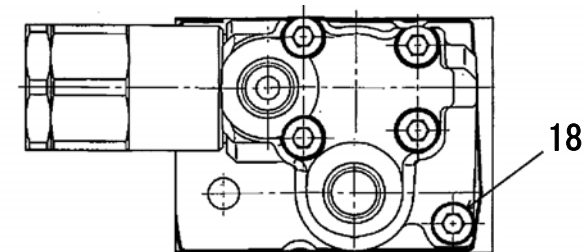
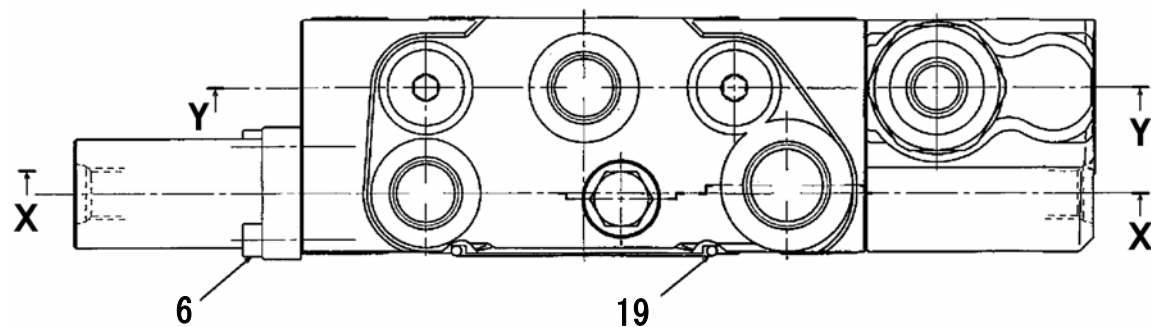
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S=FREE

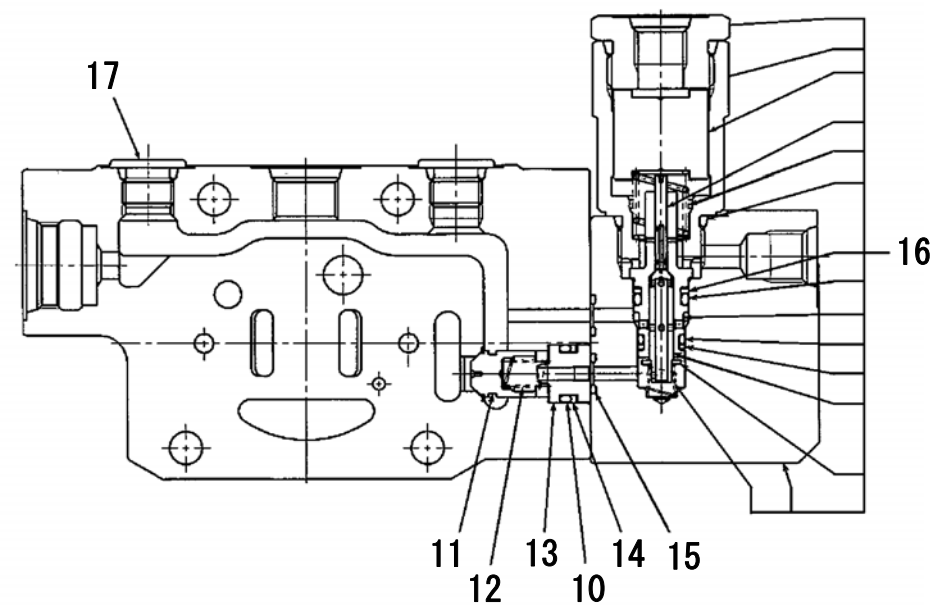
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8-5

BLOCK ASSY; No. 1						
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
0	1901055713	BLOCK ASSY, No.1	1			M bucket
1	1901031752	· HOLDER, spring	2			M
2	1901048656	· SPRING	2			M
3	1901038851	· HOLDER, spring	2			M
4	1901038866	· CAP	2			M
5	1420500220	· O-RING	2			M
6	1110020518	· SCREW, cap	4			M
7	1901038826	· PLUNGER	1			M
8	1901038857	· SPRING	2			M
9	1901038890	· PLUG	2			M
10	1420010110	· O-RING	2			M
11	1901038827	· PLUNGER	1			M
E8h070						



SECTION "X-X"



SECTION "Y-Y"

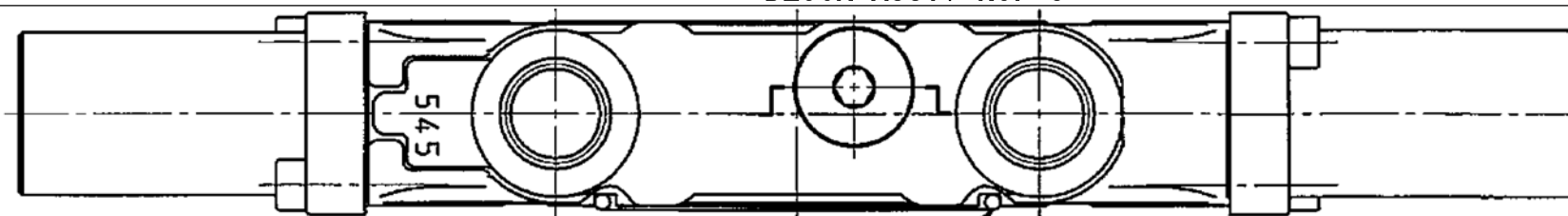
E8H080

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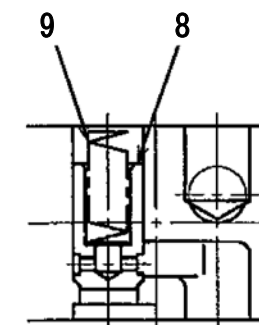
BLOCK ASSY; No. 2

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1901055711	BLOCK ASSY, No. 2	1			M	boom
1	1901031752	· HOLDER, spring	2			M	
2	1901048656	· SPRING	2			M	
3	1901038851	· HOLDER, spring	2			M	
4	1901038866	· CAP	1			M	
5	1420500220	· O-RING	2			M	
6	1110020518	· SCREW, cap	2			M	
7	1901038826	· PLUNGER	1			M	
8	1901038857	· SPRING	1			M	
9	1901038890	· PLUG	1			M	
10	1420010110	· O-RING	2			M	
11	1901042660	· PLUNGER	1			M	
12	1901042659	· SPRING	1			M	
13	1901042658	· SPACER	1			M	
14	1421020110	· RING, back-up	1			M	
15	1420010070	· O-RING	2			M	
16	1901042798	· PISTON ASSY	1			M	
17	1901038893	· PLUG	2			M	
18	1110020660	· SCREW, cap	5			M	
19	1901038881	· O-RING	1			M	

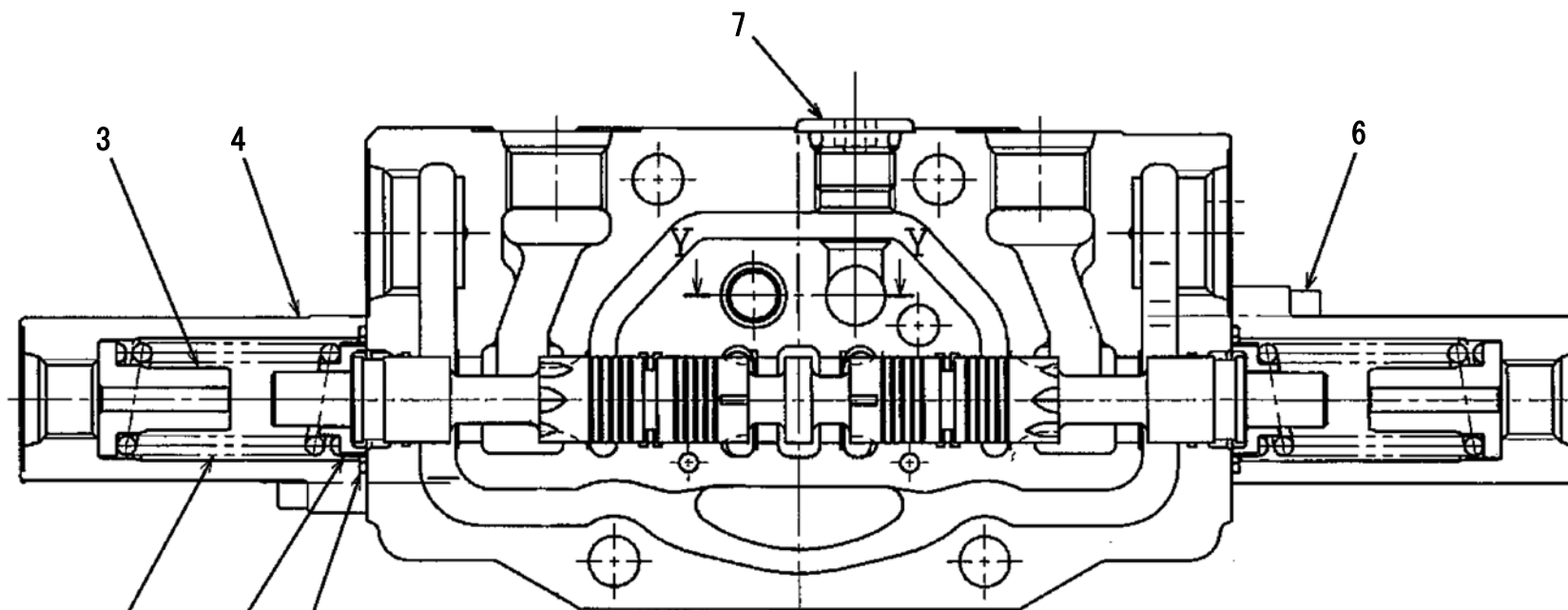
E8h080



10



SECTION "Y-Y"



2

1

5

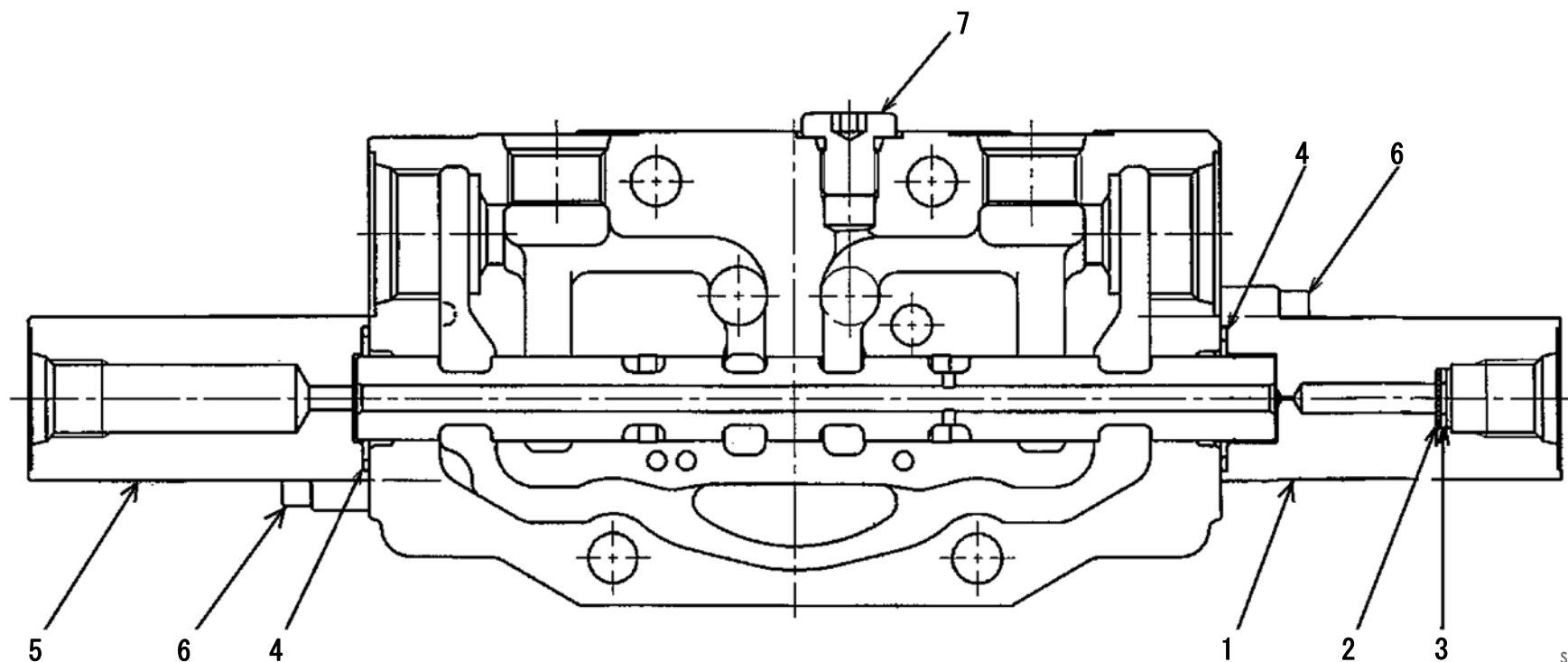
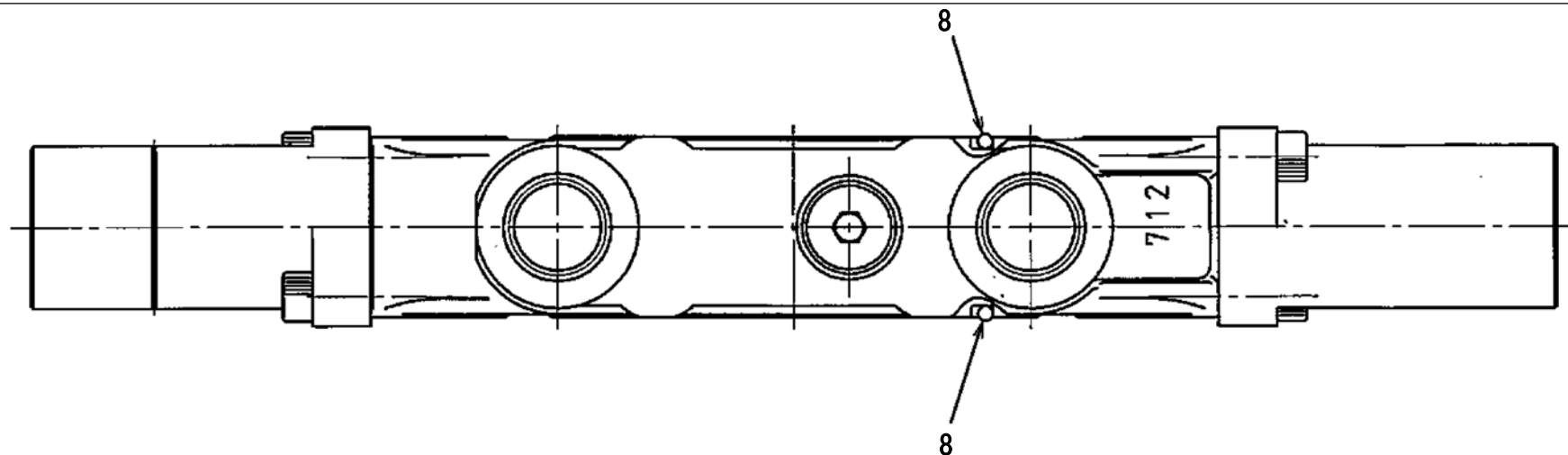
3

4

7

6

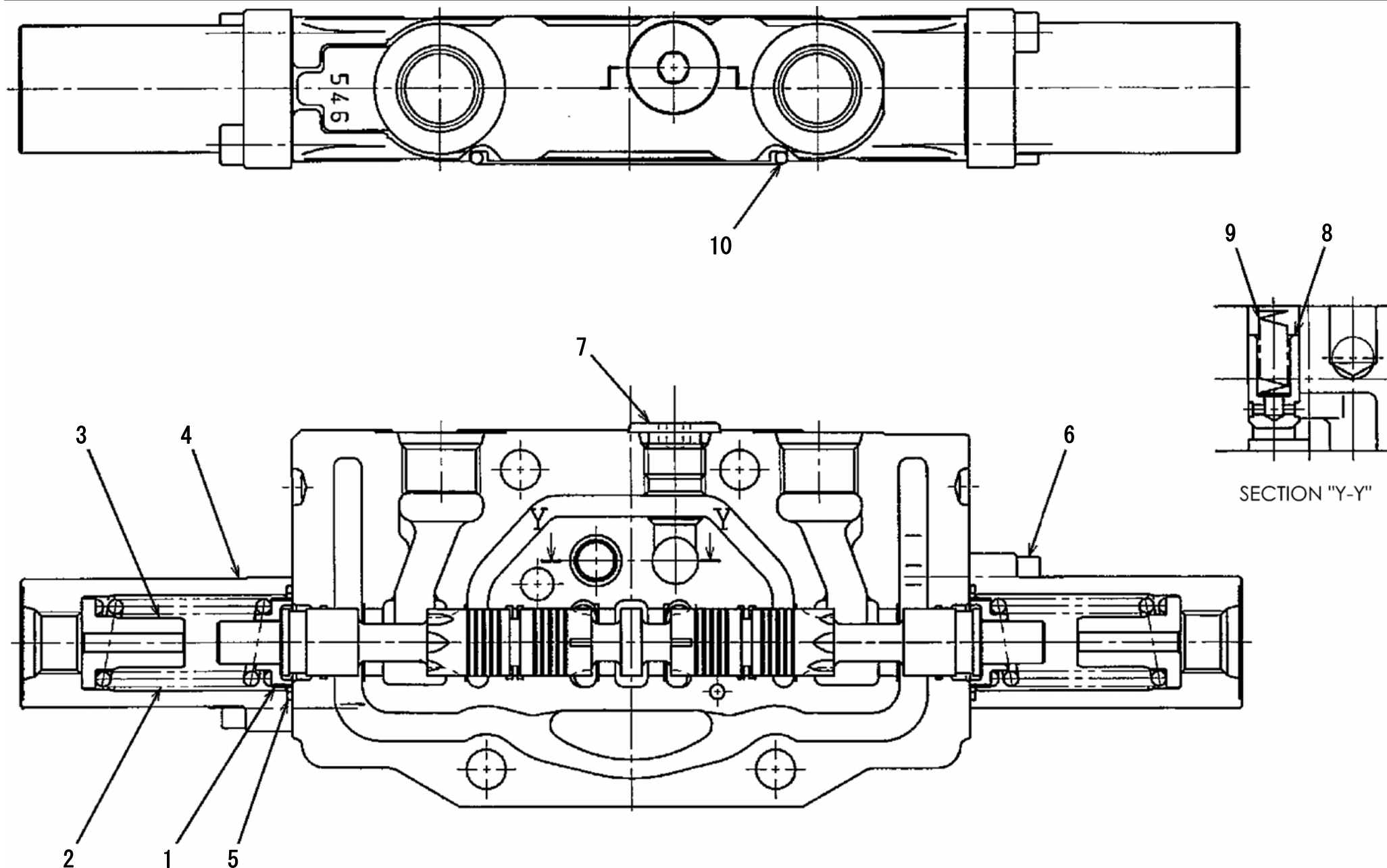
BLOCK ASSY; No. 3						
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
0	1901055715	BLOCK ASSY, No.3	1			M traction R.H.
1	1901031752	· HOLDER, spring	2			M
2	1901048656	· SPRING	2			M
3	1901038851	· HOLDER, spring	2			M
4	1901038866	· CAP	2			M
5	1420500220	· O-RING	2			M
6	1110020518	· SCREW, cap	4			M
7	1901038893	· PLUG	1			M
8	1901038829	· PLUNGER	1			M
9	1901027757	· SPRING	1			M
10	1901038881	· O-RING	1			M
E8h090						



E8H100
Reference E8H100

BLOCK ASSY; No. 4

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1901055703	BLOCK ASSY, No. 4	1			M	P1, P2
1	1901038869	· CAP	1			M	
2	1901042672	· FILTER	1			M	
3	1901042673	· WASHER	1			M	
4	1420500220	· O-RING	2			M	
5	1901044466	· CAP	1			M	
6	1110020518	· SCREW, cap	4			M	
7	1901036677	· PLUG	1			M	
8	1901038881	· O-RING	2			M	
	E8h100						



E8H110

Reference

E8H110

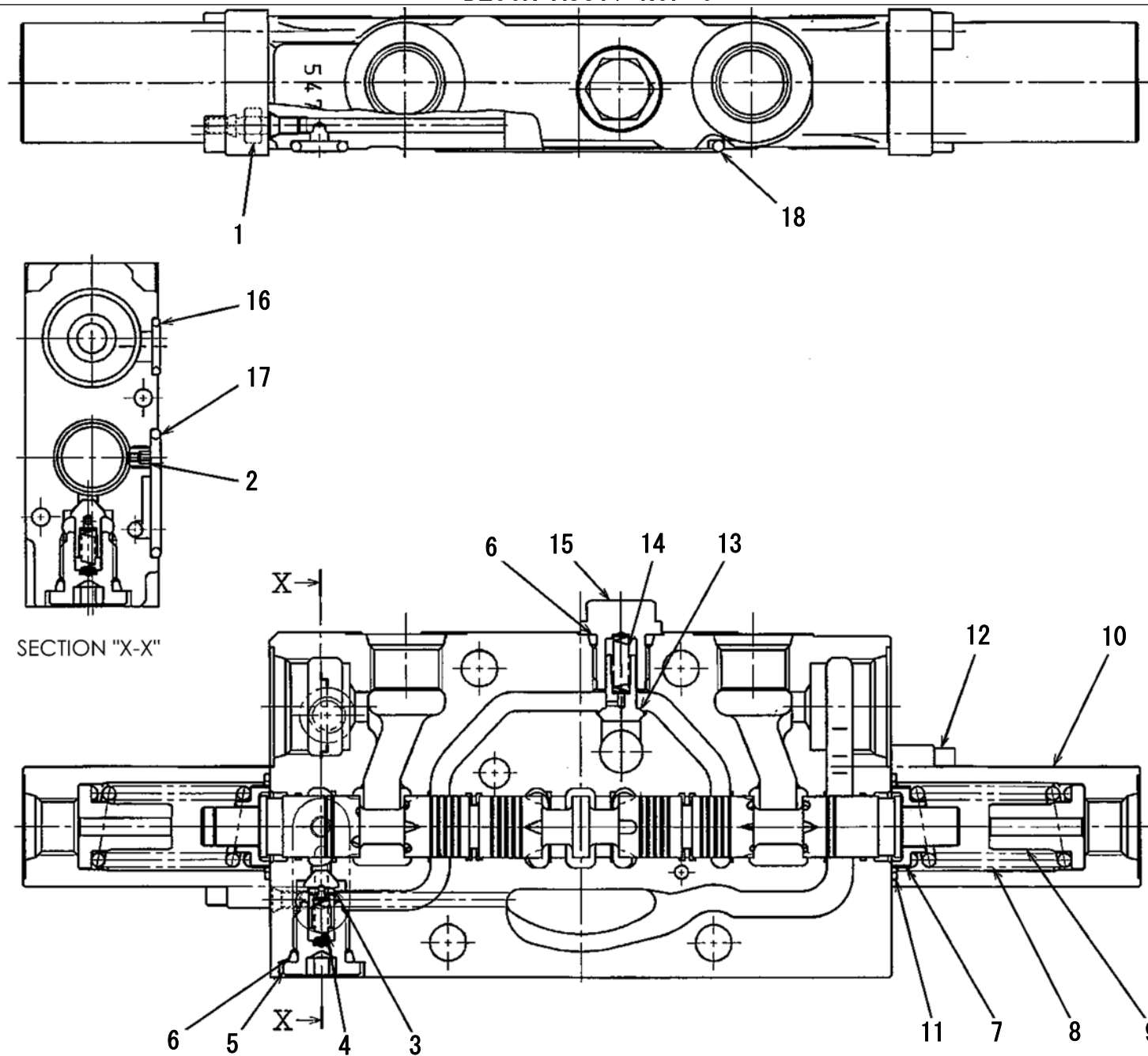
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8-9

BLOCK ASSY; No. 5

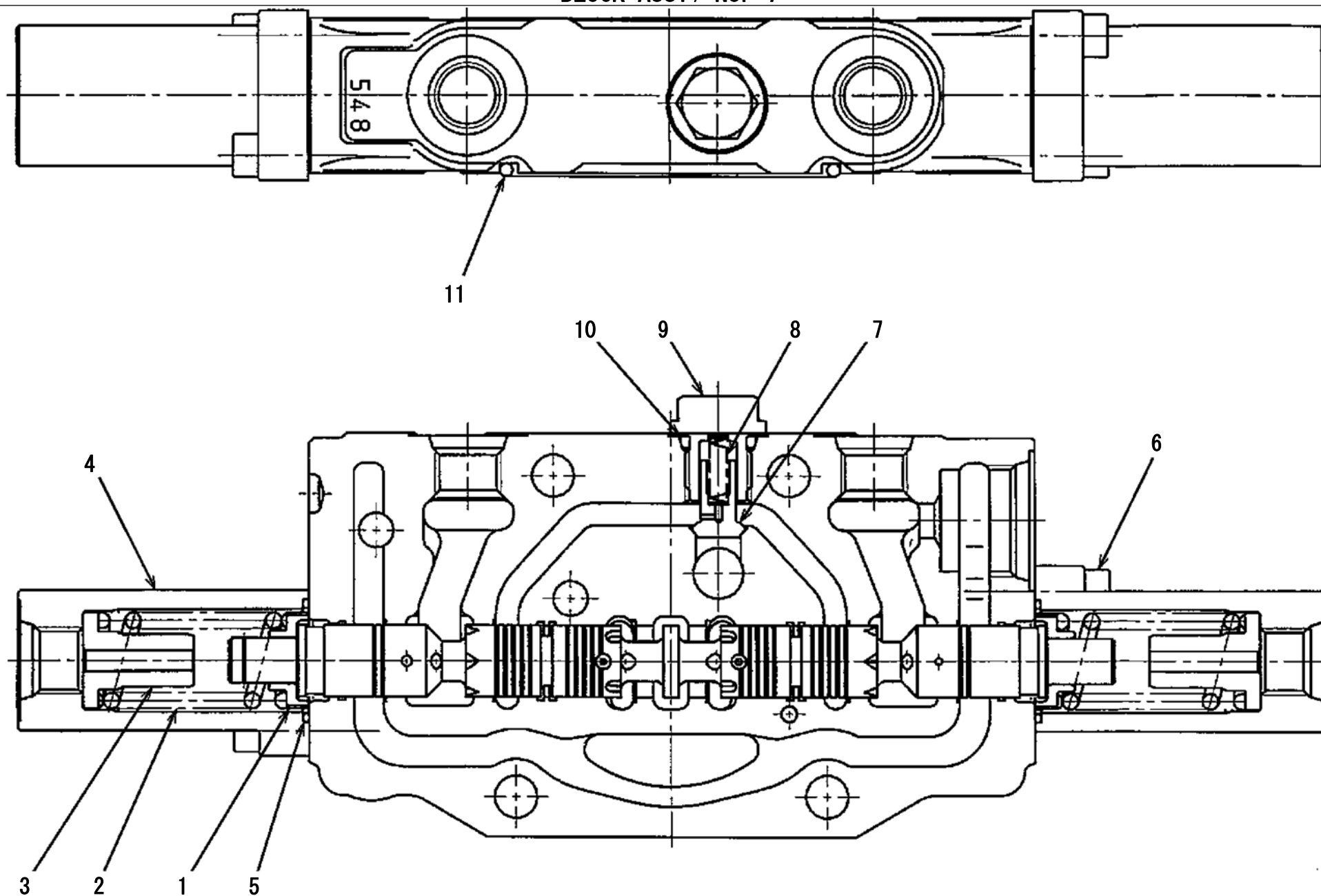
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1901055716	BLOCK ASSY, No.5	1			M	traction L.H.
1	1901031752	· HOLDER, spring	2			M	
2	1901048656	· SPRING	2			M	
3	1901038851	· HOLDER, spring	2			M	
4	1901038866	· CAP	2			M	
5	1420500220	· O-RING	2			M	
6	1110020518	· SCREW, cap	4			M	
7	1901038893	· PLUG	1			M	
8	1901038829	· PLUNGER	1			M	
9	1901027757	· SPRING	1			M	
10	1901038881	· O-RING	1			M	
	E8h110						

TB230 [P-TB230_F-XC] Book No. BE8Z000-0-B S/N 130000003-
BLOCK ASSY; No. 6



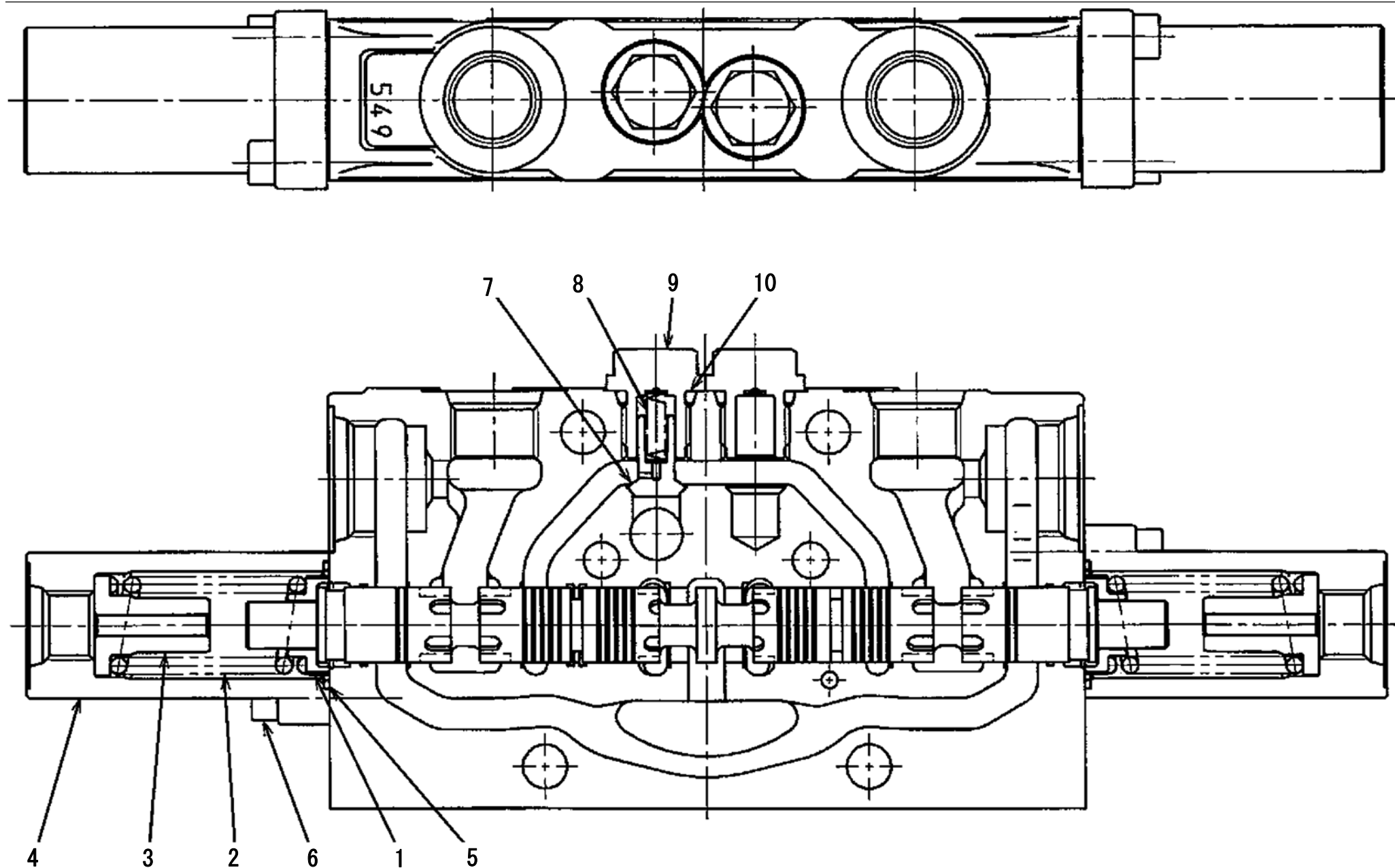
BLOCK ASSY; No. 6

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1901055712	BLOCK ASSY, No. 6	1			M	arm
1	1901042790	· PLUG	1			M	
2	1901042663	· ORIFICE	1			M	
3	1901038828	· PLUNGER	1			M	
4	1901027858	· SPRING	1			M	
5	1901038892	· PLUG	1			M	
6	1420010110	· O-RING	2			M	
7	1901031752	· HOLDER, spring	2			M	
8	1901048656	· SPRING	2			M	
9	1901038851	· HOLDER, spring	2			M	
10	1901038866	· CAP	2			M	
11	1420500220	· O-RING	2			M	
12	1110020518	· SCREW, cap	4			M	
13	1901038826	· PLUNGER	1			M	
14	1901038857	· SPRING	1			M	
15	1901038890	· PLUG	1			M	
16	1420000100	· O-RING	1			M	
17	1420010200	· O-RING	1			M	
18	1901038881	· O-RING	1			M	
	E8h120						



BLOCK ASSY; No. 7

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1901055718	BLOCK ASSY, No. 7	1			M	swing
1	1901031752	· HOLDER, spring	2			M	
2	1901048656	· SPRING	2			M	
3	1901038851	· HOLDER, spring	2			M	
4	1901038866	· CAP	2			M	
5	1420500220	· O-RING	2			M	
6	1110020518	· SCREW, cap	4			M	
7	1901038826	· PLUNGER	1			M	
8	1901038857	· SPRING	1			M	
9	1901038890	· PLUG	1			M	
10	1420010110	· O-RING	1			M	
11	1901038881	· O-RING	1			M	
	E8h130						



E8H140

Reference E8H140

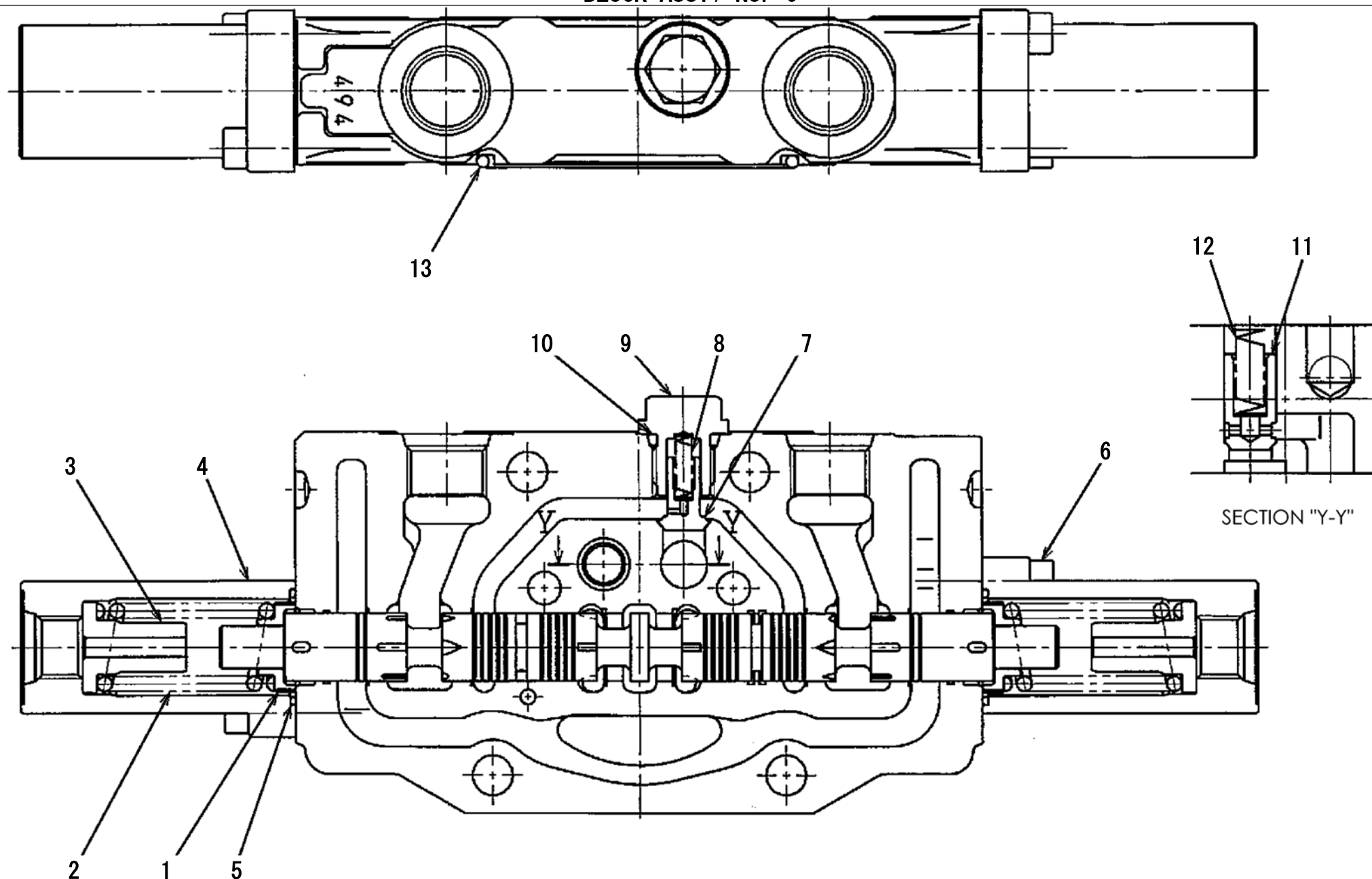
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8-12

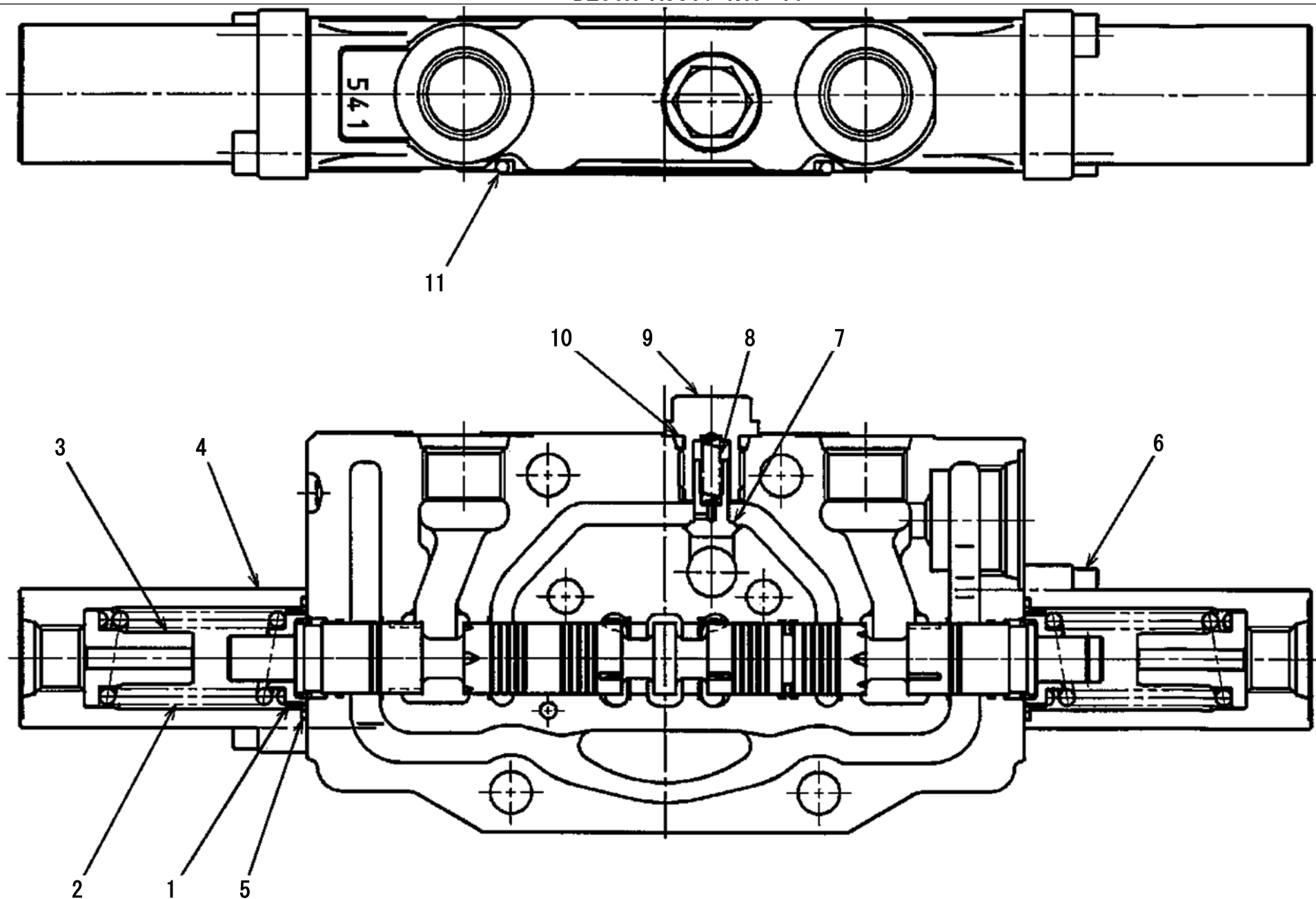
BLOCK ASSY; No. 8

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1901055719	BLOCK ASSY, No. 8	1			M	auxiliary
1	1901031752	· HOLDER, spring	2			M	
2	1901048656	· SPRING	2			M	
3	1901038851	· HOLDER, spring	2			M	
4	1901038866	· CAP	2			M	
5	1420500220	· O-RING	2			M	
6	1110020518	· SCREW, cap	4			M	
7	1901038826	· PLUNGER	1			M	
8	1901038857	· SPRING	1			M	
9	1901038890	· PLUG	2			M	
10	1420010110	· O-RING	2			M	
	E8h140						



BLOCK ASSY; No. 9

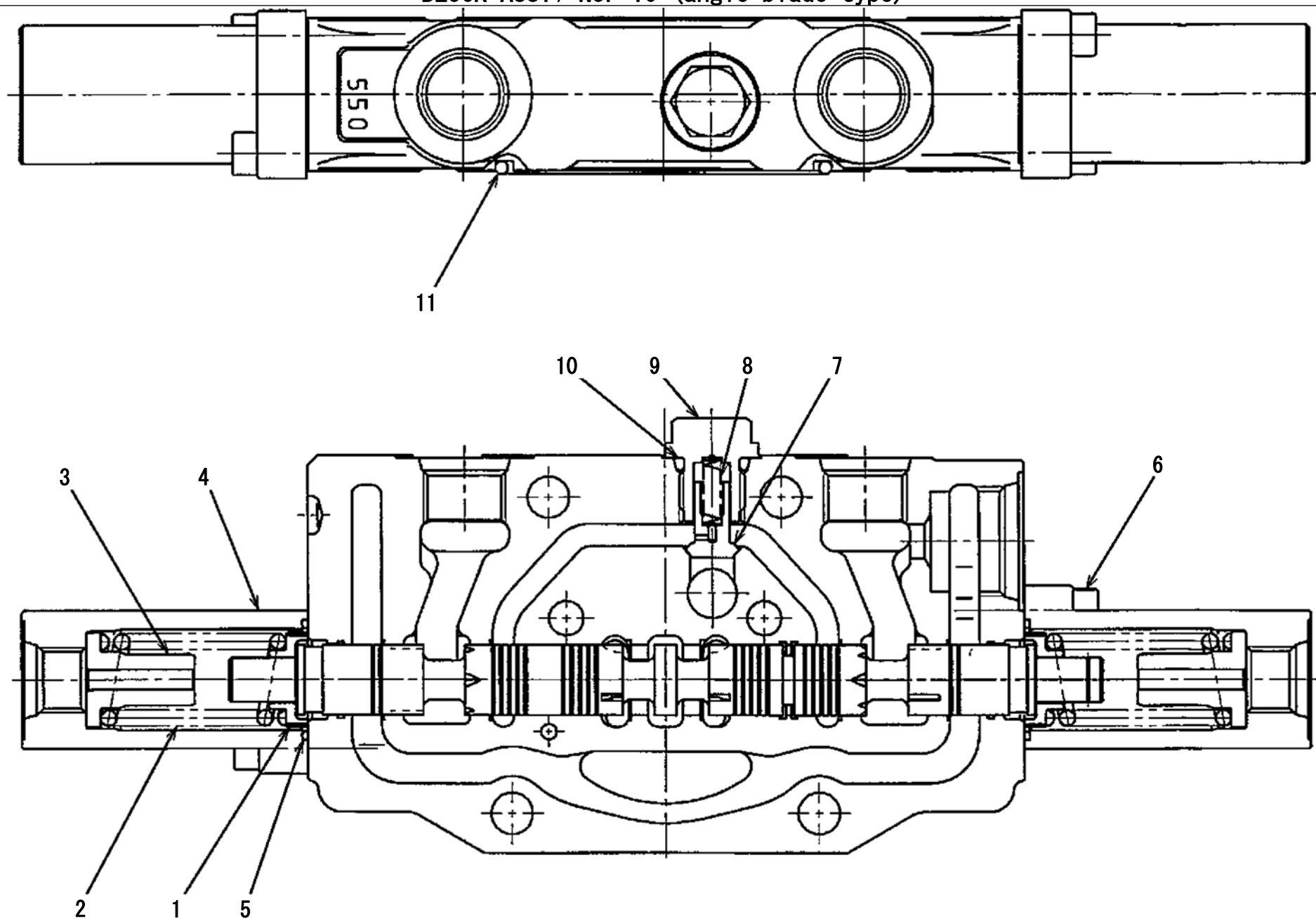
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1901055714	BLOCK ASSY, No.9	1			M	slew
1	1901031752	· HOLDER, spring	2			M	
2	1901048656	· SPRING	2			M	
3	1901038851	· HOLDER, spring	2			M	
4	1901038866	· CAP	2			M	
5	1420500220	· O-RING	2			M	
6	1110020518	· SCREW, cap	4			M	
7	1901038826	· PLUNGER	1			M	
8	1901038857	· SPRING	1			M	
9	1901038890	· PLUG	1			M	
10	1420010110	· O-RING	1			M	
11	1901038829	· PLUNGER	1			M	
12	1901027757	· SPRING	1			M	
13	1901038881	· O-RING	1			M	
	E8h150						



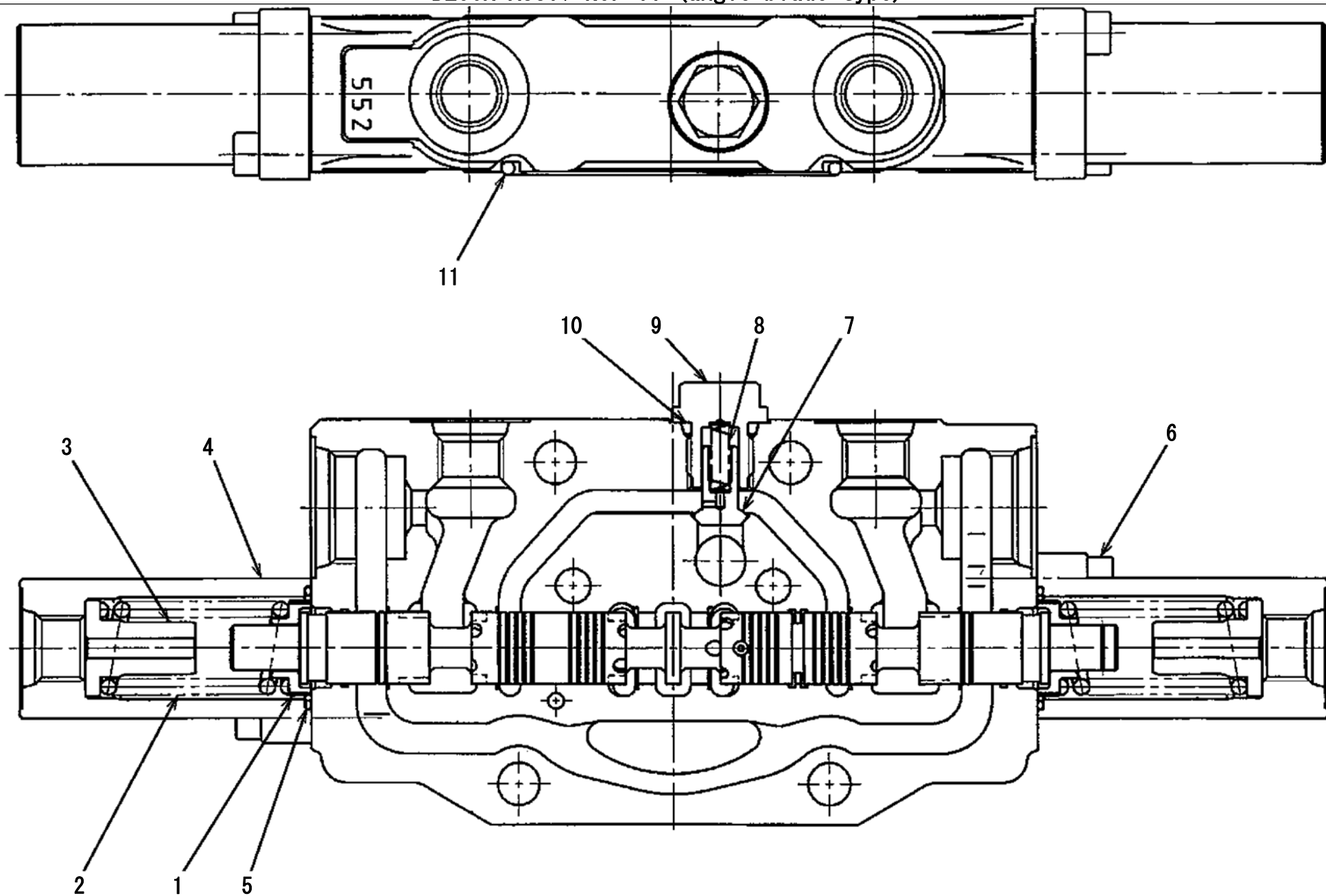
BLOCK ASSY; No. 10

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1901055617	BLOCK ASSY, No.10	1			M	blade
1	1901031752	· HOLDER, spring	2			M	
2	1901048656	· SPRING	2			M	
3	1901038851	· HOLDER, spring	2			M	
4	1901038866	· CAP	2			M	
5	1420500220	· O-RING	2			M	
6	1110020518	· SCREW, cap	4			M	
7	1901038826	· PLUNGER	1			M	
8	1901038857	· SPRING	1			M	
9	1901038890	· PLUG	1			M	
10	1420010110	· O-RING	1			M	
11	1901038881	· O-RING	1			M	
	E8h160						

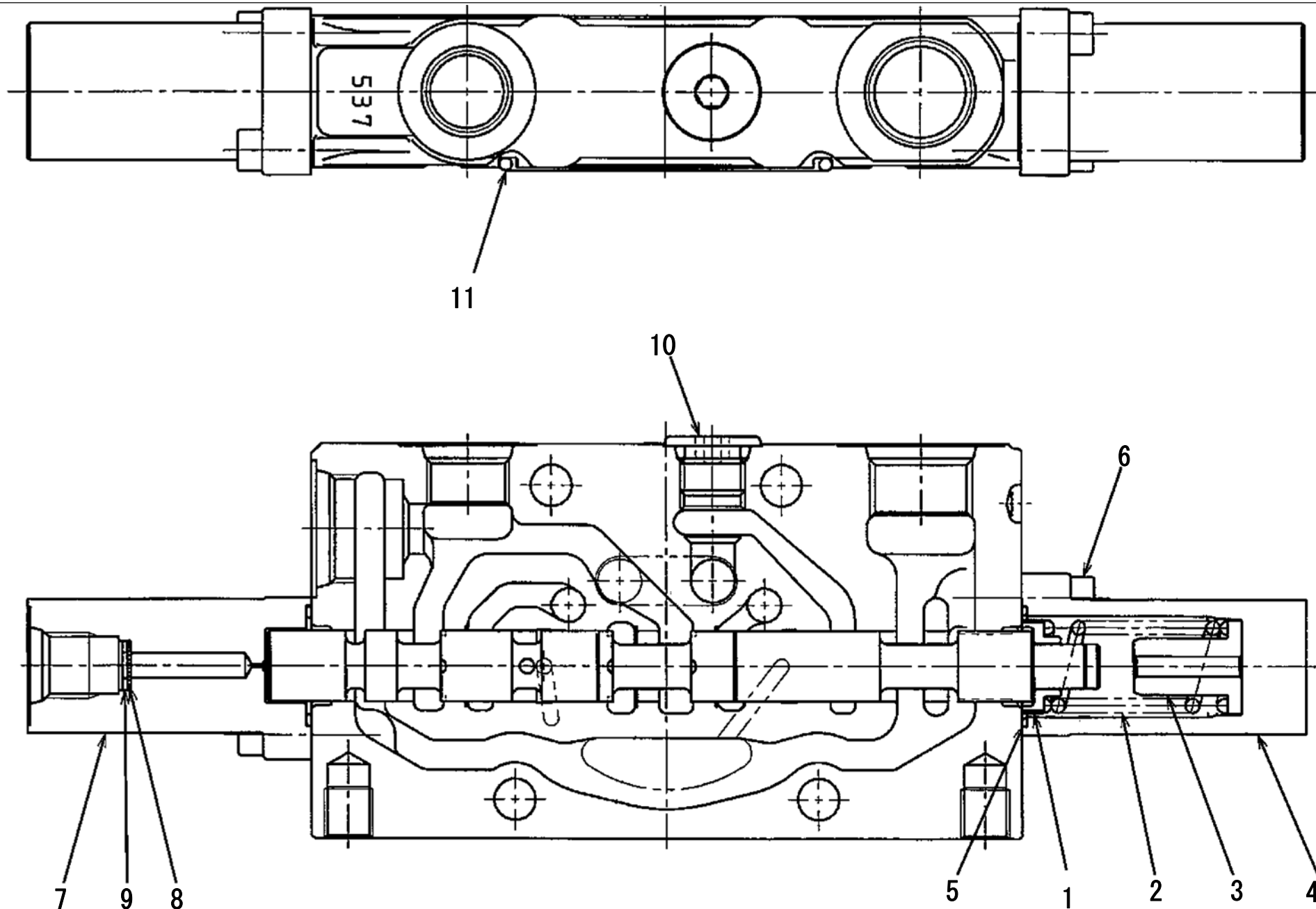
TB230 [P-TB230_F-XC] Book No. BE8Z000-0-B S/N 130000003-
BLOCK ASSY; No. 10 (angle blade type)



BLOCK ASSY; No. 10 (angle blade type)						
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
0	1901055717	BLOCK ASSY, No.10	1			M blade
1	1901031752	· HOLDER, spring	2			M
2	1901048656	· SPRING	2			M
3	1901038851	· HOLDER, spring	2			M
4	1901038866	· CAP	2			M
5	1420500220	· O-RING	2			M
6	1110020518	· SCREW, cap	4			M
7	1901038826	· PLUNGER	1			M
8	1901038857	· SPRING	1			M
9	1901038890	· PLUG	1			M
10	1420010110	· O-RING	1			M
11	1901038881	· O-RING	1			M
E8h170						

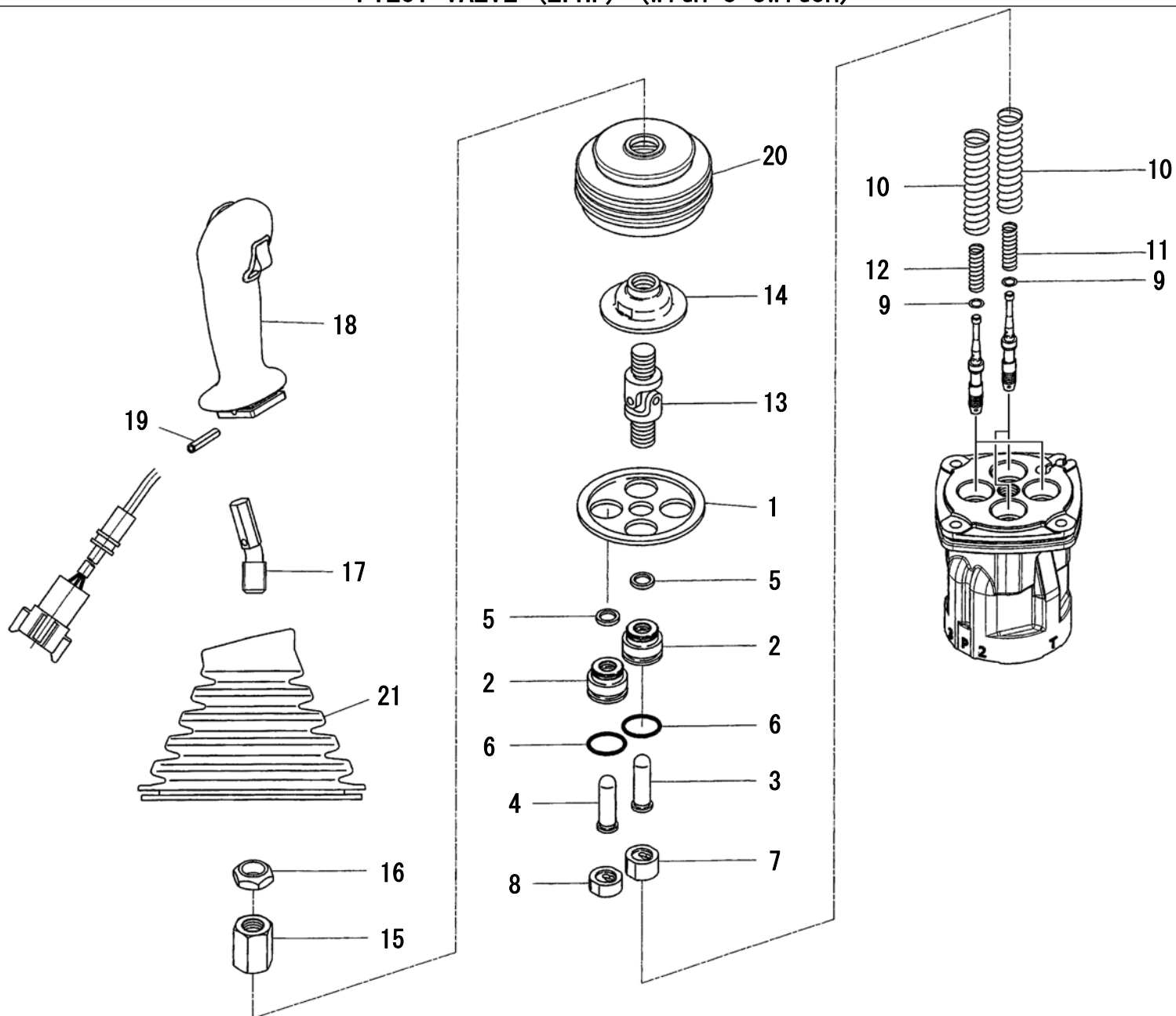


BLOCK ASSY; No. 11 (angle blade type)						
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
0	1901055710	BLOCK ASSY, No.11	1			M angle
1	1901031752	· HOLDER, spring	2			M
2	1901048656	· SPRING	2			M
3	1901038851	· HOLDER, spring	2			M
4	1901038866	· CAP	2			M
5	1420500200	· O-RING	2			M
6	1110020518	· SCREW, cap	4			M
7	1901038826	· PLUNGER	1			M
8	1901038857	· SPRING	1			M
9	1901038890	· PLUG	1			M
10	1420010110	· O-RING	1			M
11	1901038881	· O-RING	1			M
	E8h180					

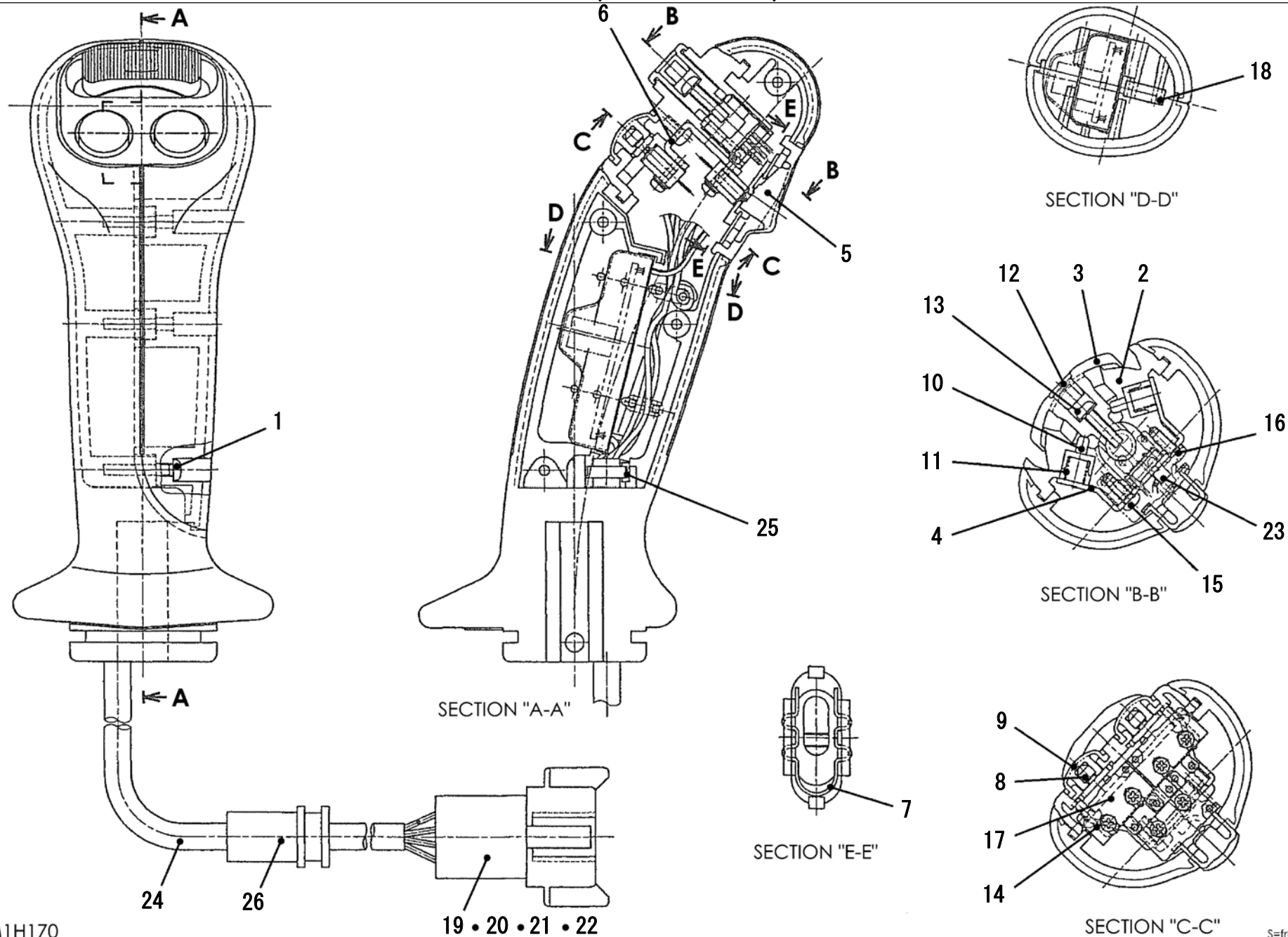


BLOCK ASSY; No. 12

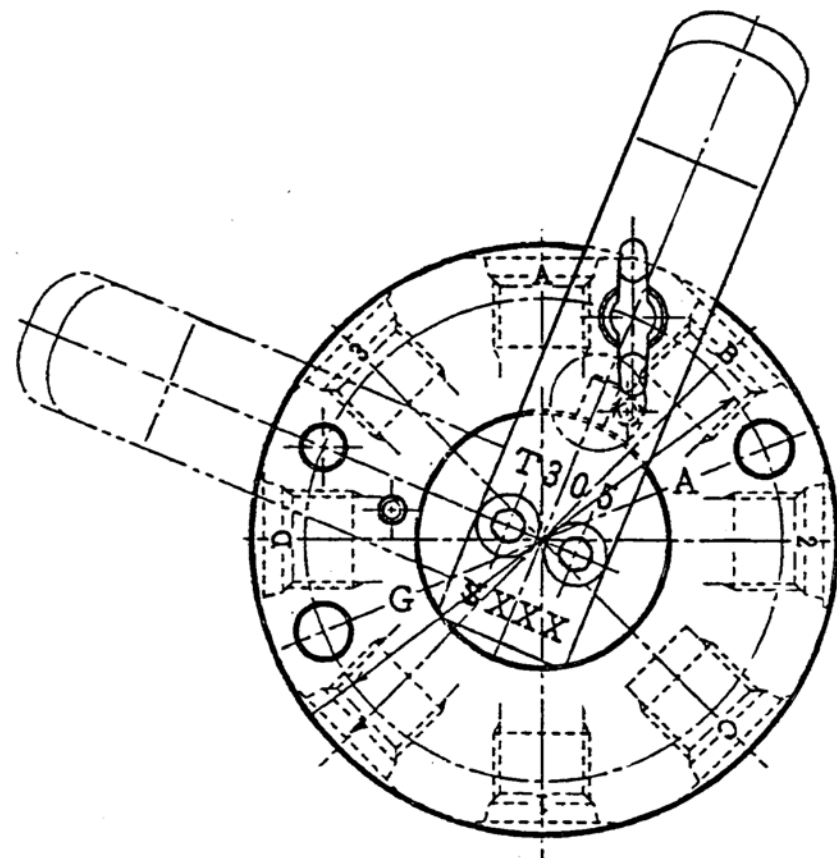
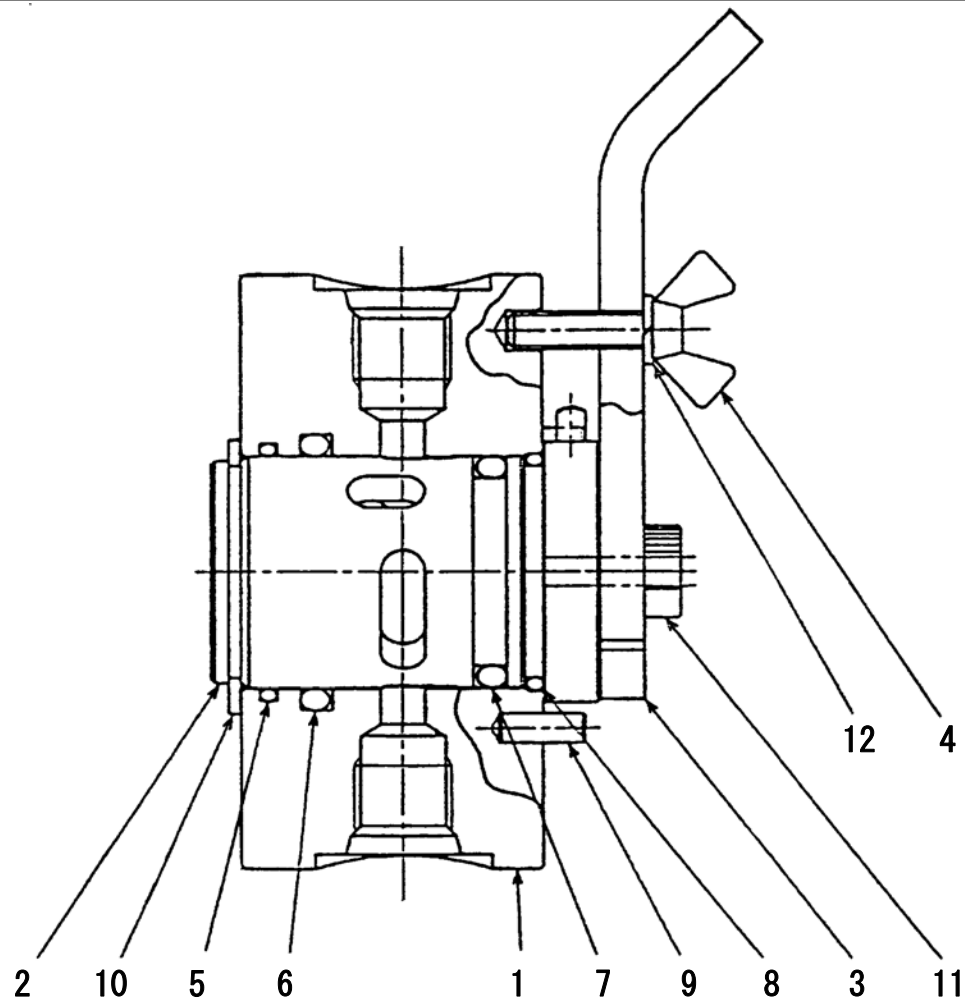
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1901055720	BLOCK ASSY, No.12	1			M	T2, P3
1	1901031752	· HOLDER, spring	1			M	
2	1901048657	· SPRING	1			M	
3	1901038851	· HOLDER, spring	1			M	
4	1901038868	· CAP	1			M	
5	1420500220	· O-RING	2			M	
6	1110020518	· SCREW, cap	4			M	
7	1901038869	· CAP	1			M	
8	1901042672	· FILTER	1			M	
9	1901042673	· WASHER	1			M	
10	1901038893	· PLUG	1			M	
11	1901038881	· O-RING	1			M	
	E8h190						



PILOT VALVE (L. H.) (with 3-switch)					
Item	Part number	Description	Q'ty	Chan.	Serial No. Serv. Remarks
0	1901758100	VALVE ASSY, pilot (L. H.)	1		
1	1901742602	· PLATE	1		
2	1901710912	· PLUG	4		
3	1901719011	· ROD	2		
4	1901719012	· ROD	2		
5	1901710914	· SEAL	4		
6	1420010200	· O-RING	4		
7	1901745709	· HOLDER	2		
8	1901745710	· HOLDER	2		
9	1901710917	· WASHER	4		
10	1901745612	· SPRING	4		
11	1901742614	· SPRING	2		
12	1901742615	· SPRING	2		
13	1901720232	· JOINT	1		
14	1901743620	· PLATE	1		
15	1901735625	· NUT	1		
16	1901735626	· NUT	1		
17	1901740432	· LEVER	1		
18	1901758018	· HANDLE	1		
19	1213000528	· PIN, spring	1		
20	1901742619	· BOOT	1		
21	0375109110	· BOOT	1		
	M1h150				



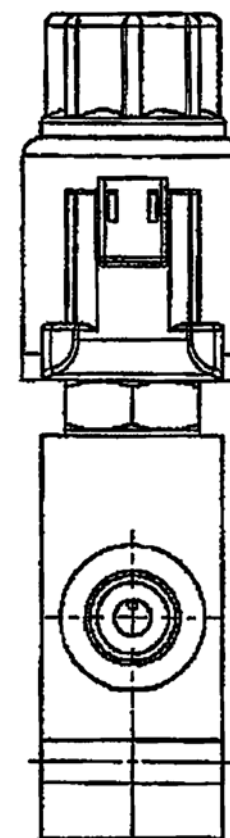
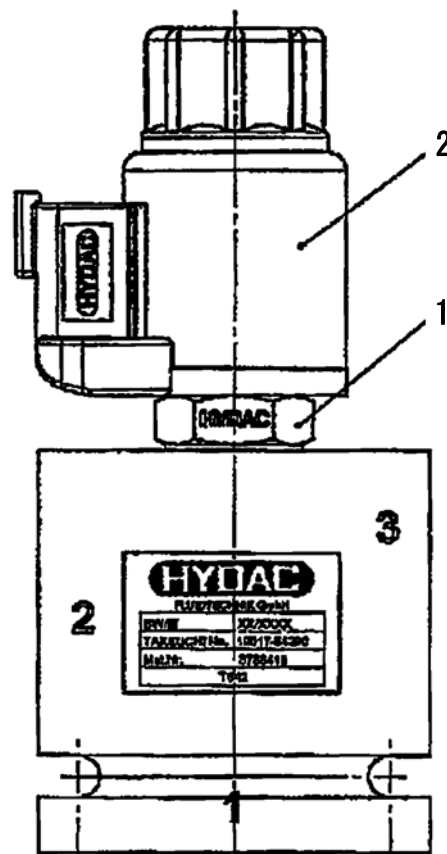
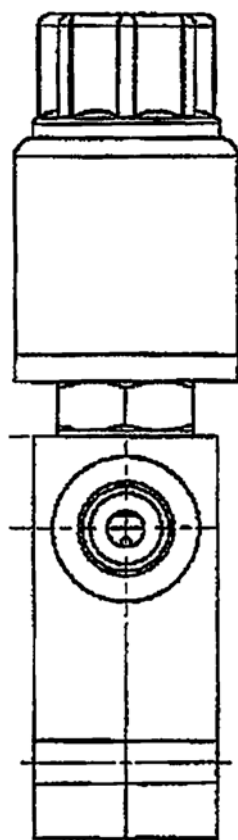
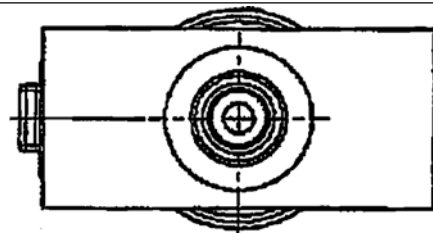
HANDLE (with 3-switch)						
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
0	1901758018	HANDLE ASSY	1			
1	1122400316	· SCREW	4			
2	1901755402	· CASE	1			
3	1901755403	· CAM	1			
4	1901740401	· PLATE	1			
5	1901740402	· BUTTON	1			
6	1901751405	· BRACKET	1			
7	1901740404	· CLIP	1			
8	1901741312	· RETAINER	2			
9	1901741216	· BUTTON	2			
10	1901740405	· PISTON	2			
11	1901740406	· SPRING	2			
12	1901740407	· CAP	1			
13	1150010312	· SCREW	1			
14	1901751472	· SCREW	6			
15	1122400306	· SCREW	3			
16	1122400308	· SCREW	1			
17	1901740408	· SWITCH	3			
18	1901740412	· CAP	2			
19	1901740446	· RECEPTACLE	1			
20	1901740447	· WEDGE	1			
21	1901740413	· PIN	7			
22	1901741263	· CAP	1			
23	1901751489	· TERMINAL	1			
24	1901740414	· PROTECTOR	1			
25	1901751492	· BAND	1			
26	1901751495	· GROMMET	1			
	M1h170					



C4H180

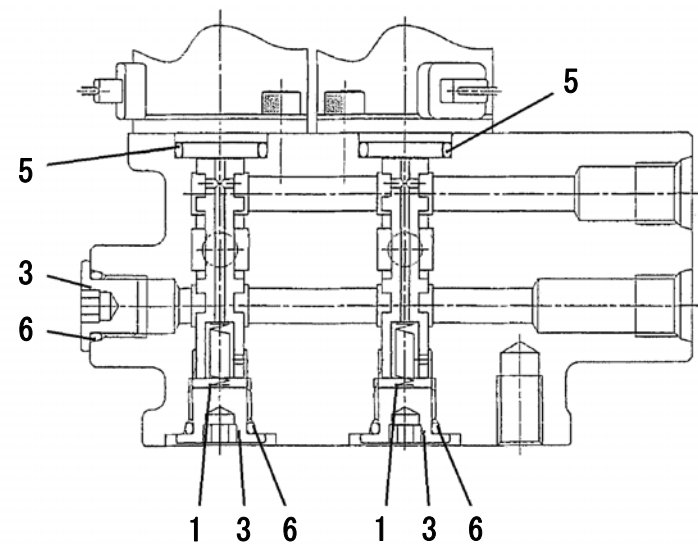
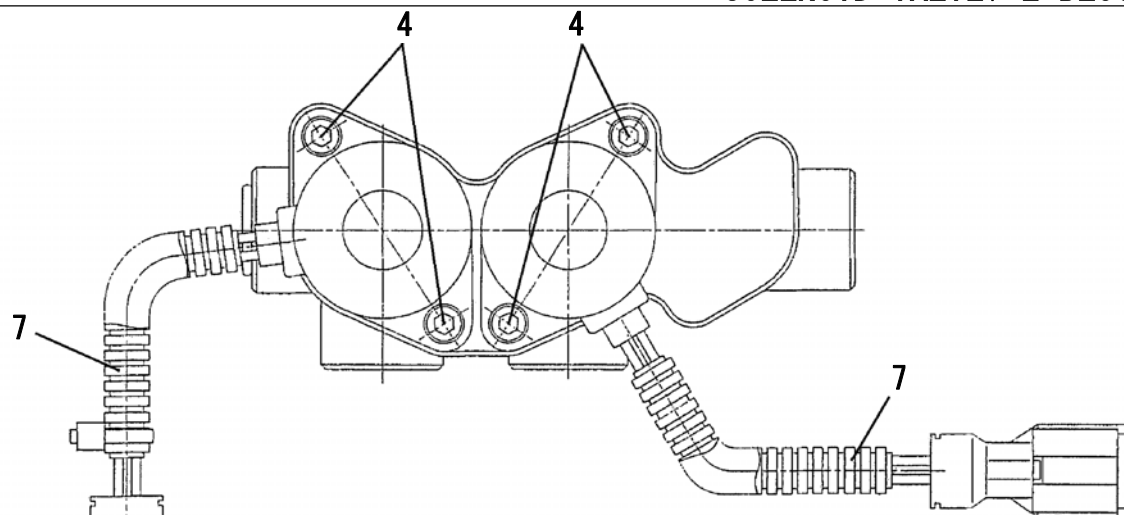
Reference C4H180

SELECTOR VALVE (ISO-JCB pattern)					
Item	Part number	Description	Q'ty	Chan.	Serial No. Serv. Remarks
0	1901730500	VALVE ASSY, selector	1		
1	1901730501	· BODY	1		
2	1901730502	· ROTOR	1		
3	1901730503	· LEVER	1		
4	1901730504	· BOLT	1		
5	1901730505	· O-RING	1		
6	1901730506	· O-RING	1		
7	1901730507	· O-RING	1		
8	1901730508	· O-RING	1		
9	1213000412	· PIN, spring	3		
10	1220000030	· RING, snap	1		
11	1110050514	· SCREW, cap	2		
12	1140010005	· WASHER, spring	1		
	C4h180				

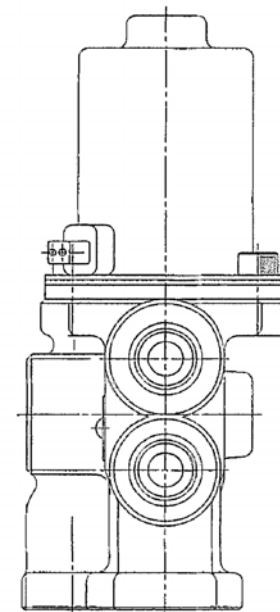
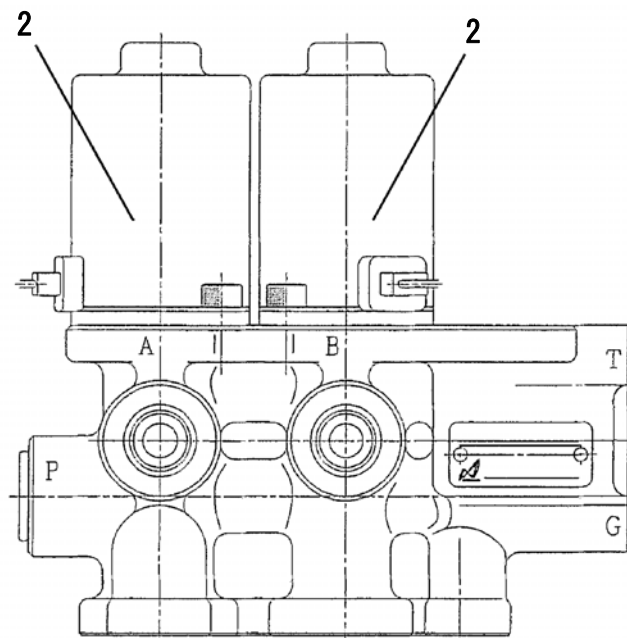
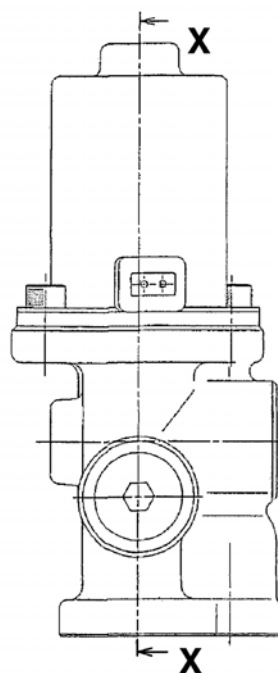


SOLENOID VALVE: 1 BLOCK

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1901764200	VALVE ASSY, solenoid	1				
1	1901764201	· NUT	1				
2	1901764202	· COIL	1				
	Q0h150						

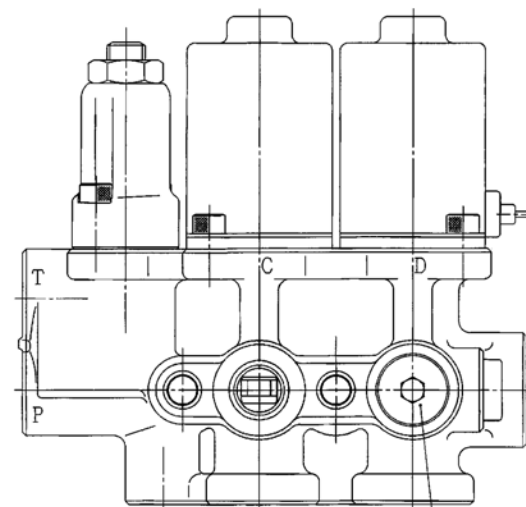
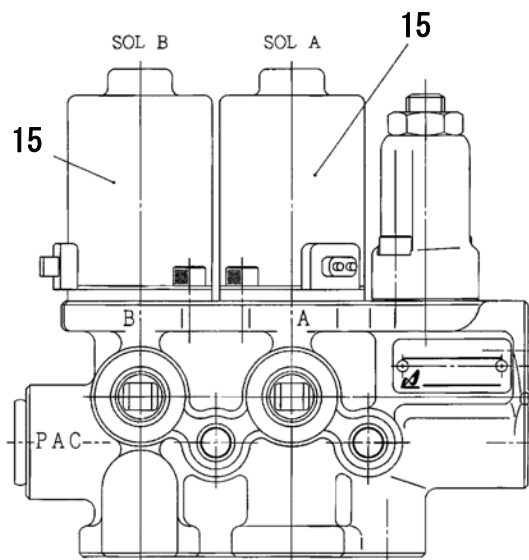
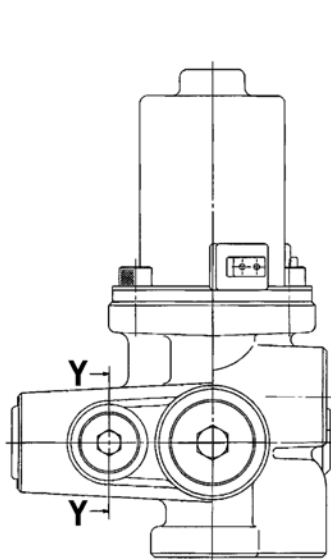
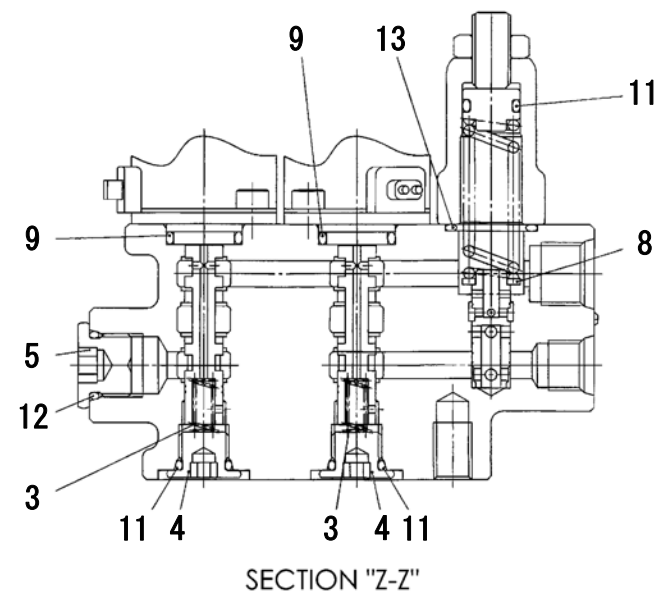
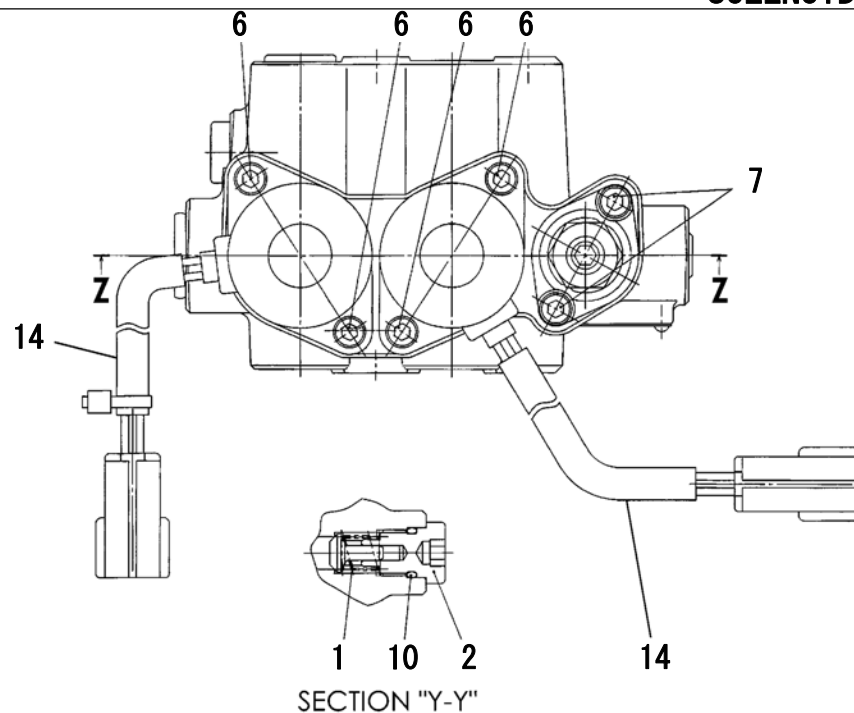


SECTION "X-X"



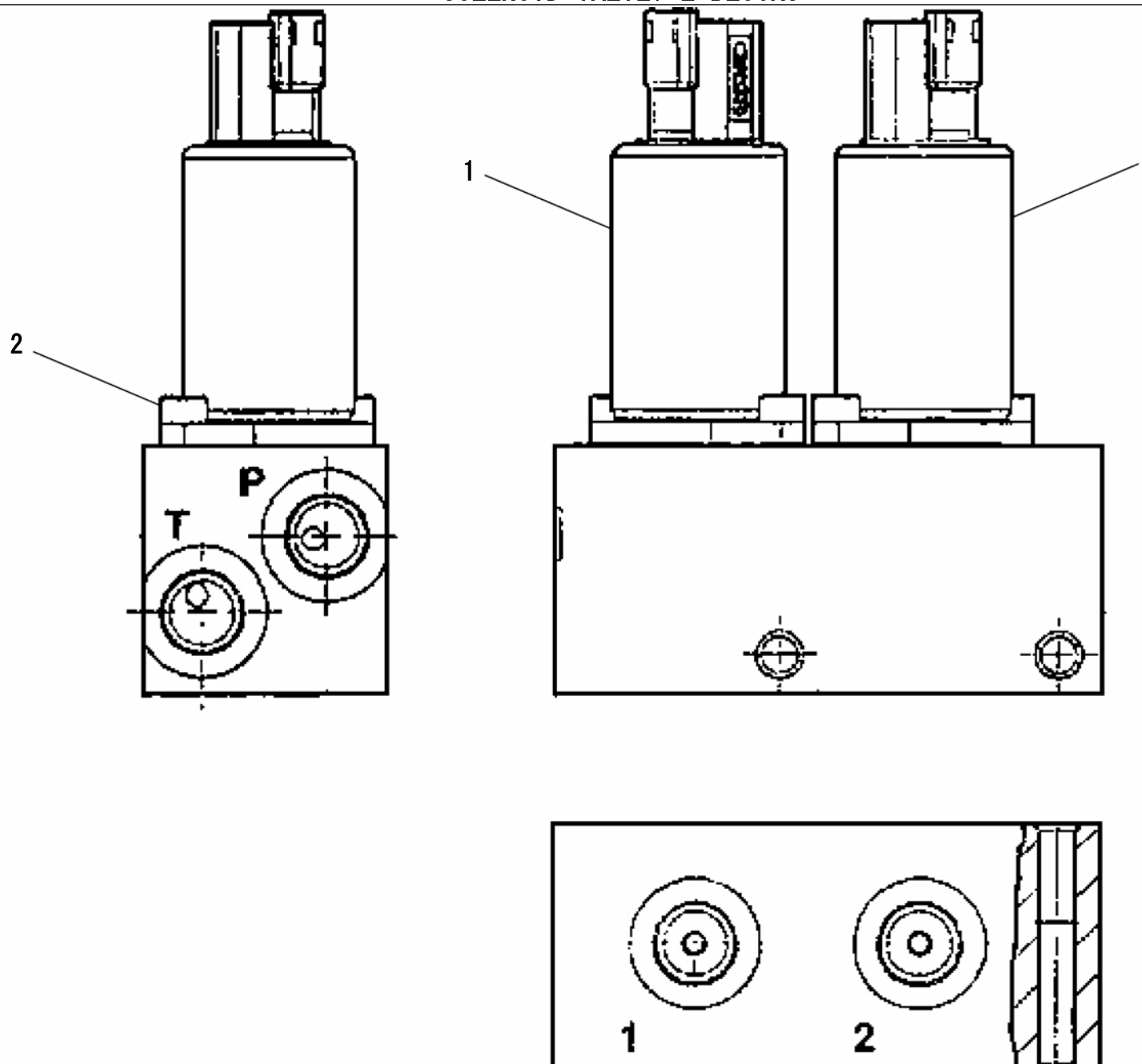
SOLENOID VALVE; 2 BLOCKS

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1901751000	VALVE ASSY, solenoid	1				
1	1901735511	· SPRING	2				
2	1901748816	· SOLENOID	2				
3	1901738312	· PLUG	3				
4	1110040512	· SCREW, cap	4				
5	1420010160	· O-RING	2				
6	1420010110	· O-RING	3				
7	1901044619	· PROTECTOR	2				
	G7h200						



SOLENOID VALVE; 2 BLOCKS

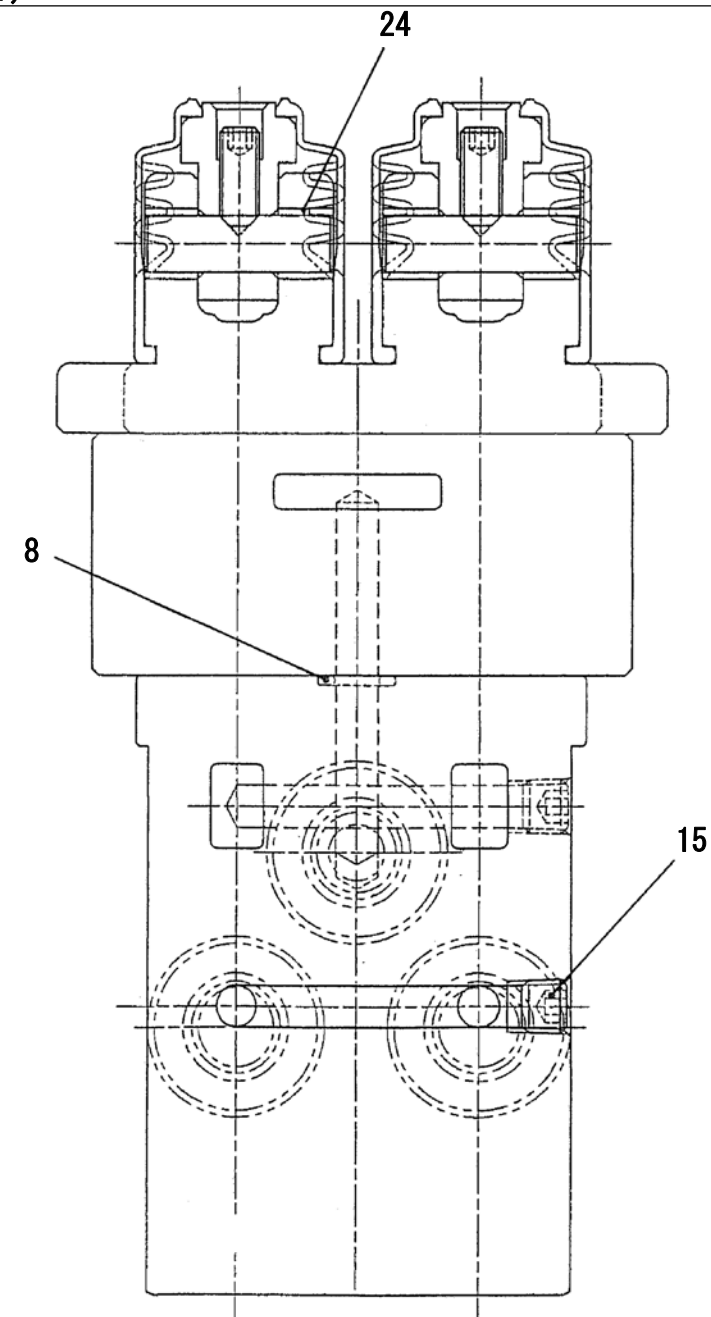
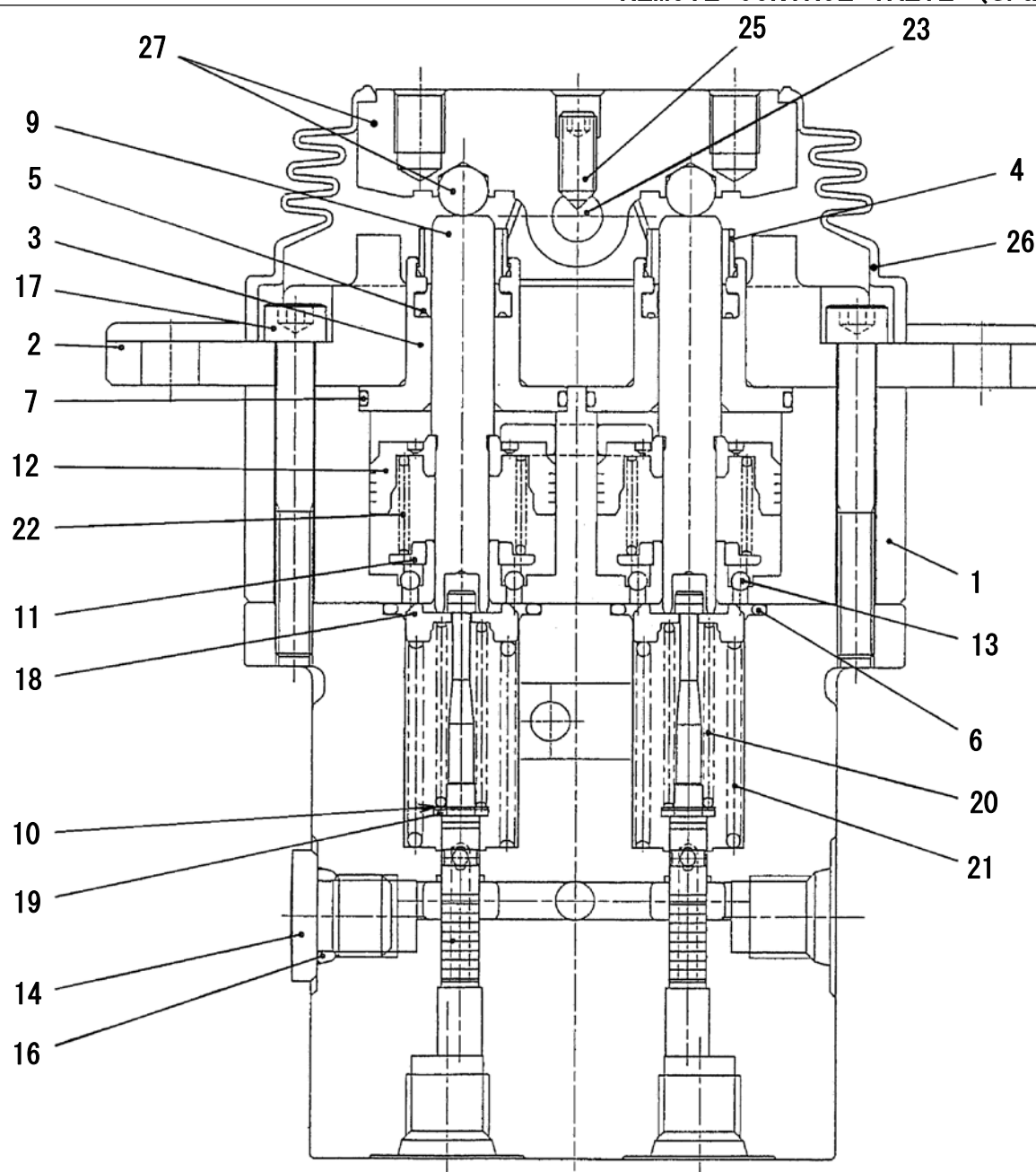
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1901762800	VALVE ASSY, solenoid	1				
1	1901004357	· SPRING	1				
2	1901035471	· PLUG	1				
3	1901734404	· SPRING	2				
4	1901738312	· PLUG	3				
5	1901752316	· PLUG	1				
6	1110050512	· SCREW, cap	4				
7	1110050520	· SCREW, cap	2				
8	1141150005	· WASHER	1				
9	1420000160	· O-RING	2				
10	1420010100	· O-RING	1				
11	1420010110	· O-RING	4				
12	1420010140	· O-RING	1				
13	1420010200	· O-RING	1				
14	1901044619	· TUBE	2				
15	1901748816	· SOLENOID	2				
	C8h030						



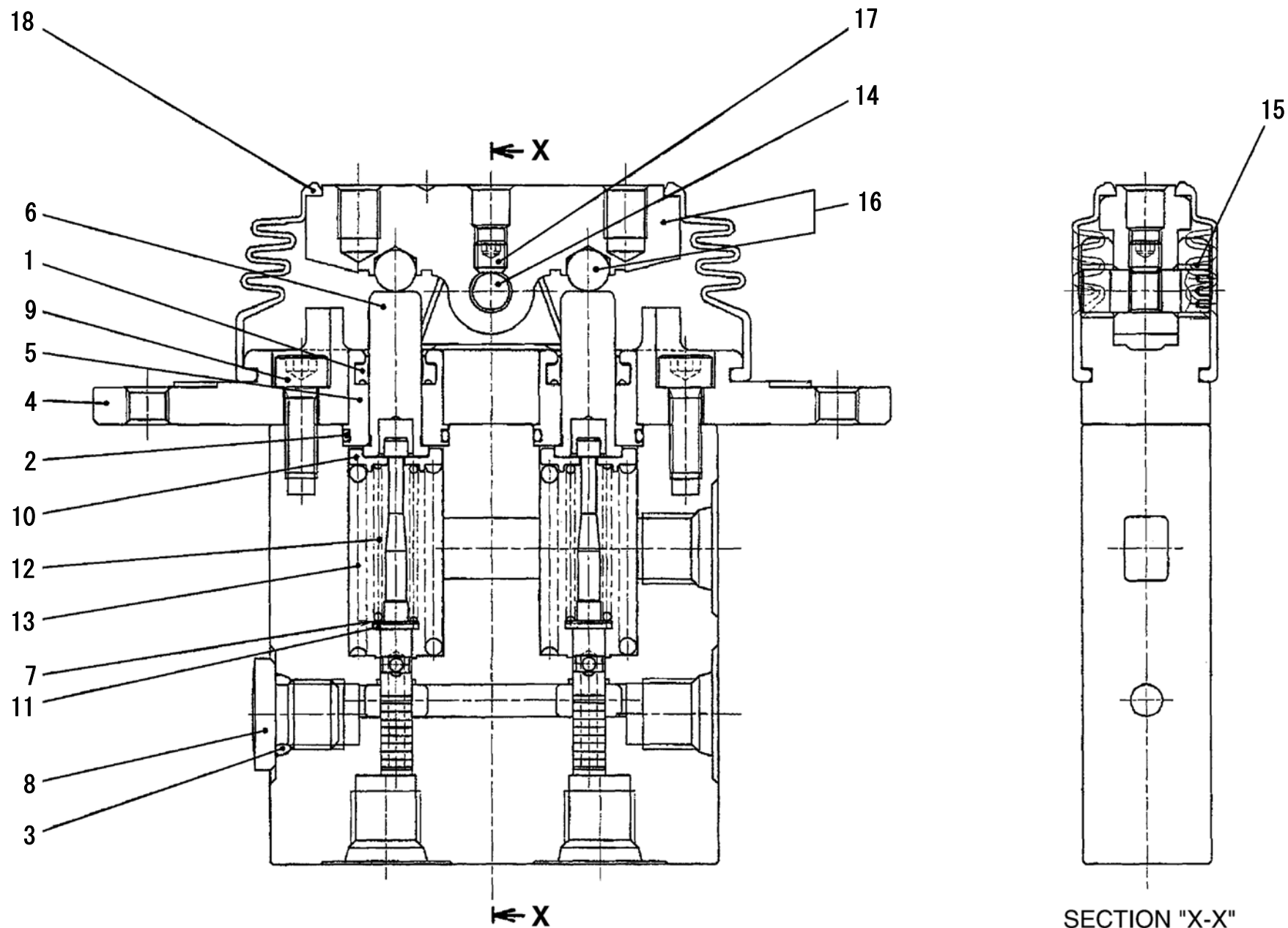
SOLENOID VALVE; 2 BLOCKS

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1901766300	VALVE ASSY, solenoid	1			M	
1	1901766301	· COIL	2			M	
2	1110040512	· SCREW, cap	4			M	
	E8h200						

TB230 [P-TB230_F-XC] Book No. BE8Z000-0-B S/N 130000003-
 REMOTE CONTROL VALVE (travel)



REMOTE CONTROL VALVE (travel)						
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
0	1901750500	VALVE ASSY, remote control				
1	1901750501	· CASING	1			
2	1901750502	· COVER	2			
3	1901750503	· PLUG	4			
4	1901750504	· CAP	4			
5	1901745404	· PACKING	4			
6	1420300020	· O-RING	4			
7	1420300025	· O-RING	4			
8	1420010080	· O-RING	2			
9	1901750509	· ROD	4			
10	1901745407	· SHIM	4			
11	1901750511	· SEAT, spring	4			
12	1901750512	· PISTON	4			
13	1390010030	· BALL, steel	12			
14	1501750002	· PLUG	3			
15	1501810000	· PLUG	2			
16	1420010110	· O-RING	3			
17	1110040650	· SCREW, cap	4			
18	1901750519	· SEAT, spring	4			
19	1901745413	· WASHER	4			
20	1901750521	· SPRING	4			
21	1901750522	· SPRING	4			
22	1901750523	· SPRING	4			
23	1901750524	· SHAFT, cam	2			
24	1901750525	· BUSHING	4			
25	1901750528	· SET-SCREW	2			
26	1901738251	· BOOT	2			
27	1901738298	· CAM ASSY	1			
	G7h210					



N2H010

Reference N2H010

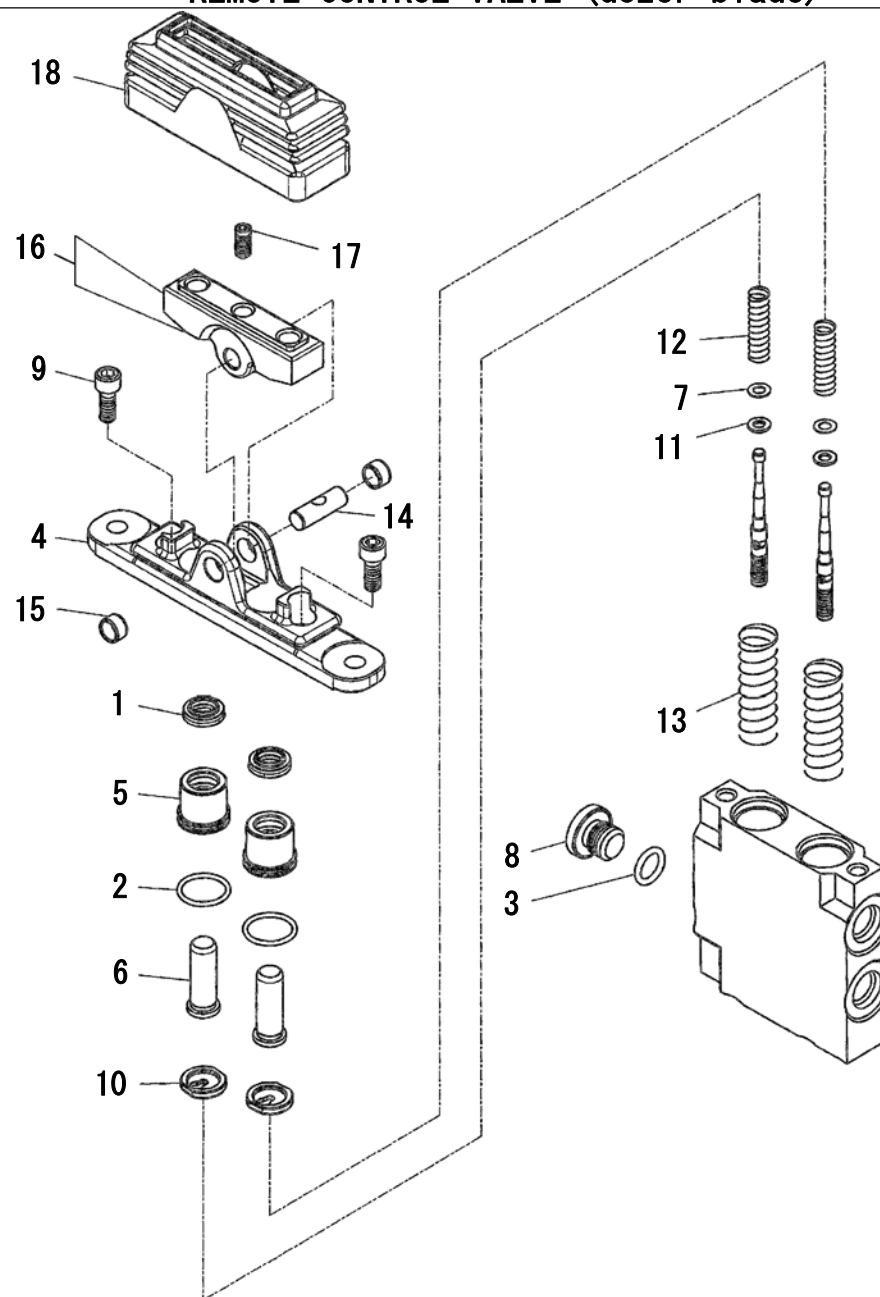
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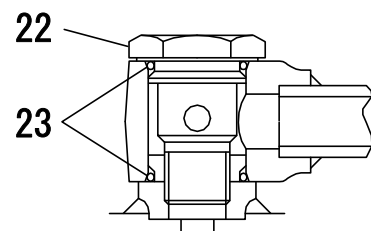
8-26

REMOTE CONTROL VALVE (swing)						
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
0	1901735000	VALVE ASSY, remote-control	1			
0-1	1901745499	· KIT, seal	1			
1	1901745404	· · PACKING	2			
2	1420300017	· · O-RING	2			
3	1420010110	· · O-RING	1			
4	1901745402	· COVER	1			
5	1901745403	· PLUG	2			
6	1901745406	· ROD	2			
7	1901745407	· SHIM	2			
8	1501750002	· PLUG	1			
	1420010110	· · O-RING	1			
9	1110020616	· SCREW, cap	2			
10	1901745412	· HOLDER	2			
11	1901745413	· WASHER	2			
12	1901745414	· SPRING	2			
13	1901735015	· SPRING	2			
14	1901735016	· SHAFT	1			
15	1901745417	· BUSHING	2			
16	1901735018	· CAM ASSY	1			
17	1121040606	· SET-SCREW	1			
18	1901735001	· BOOT	1			
	N2h011					

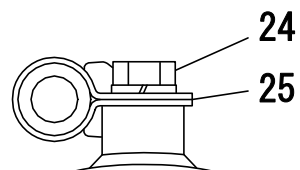


REMOTE CONTROL VALVE (dozer blade)

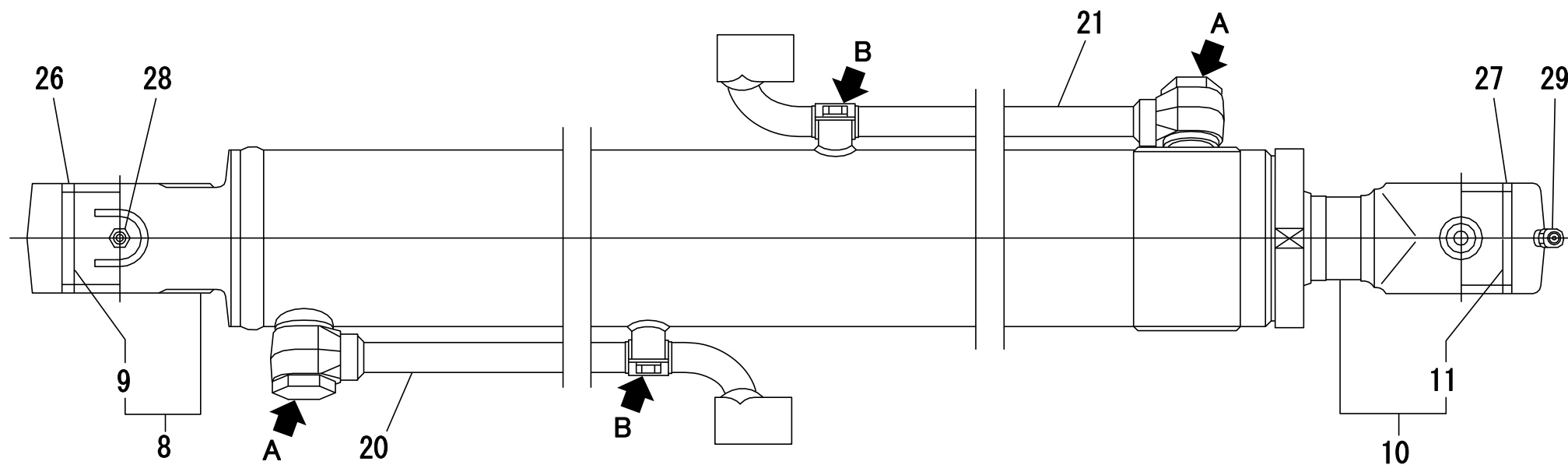
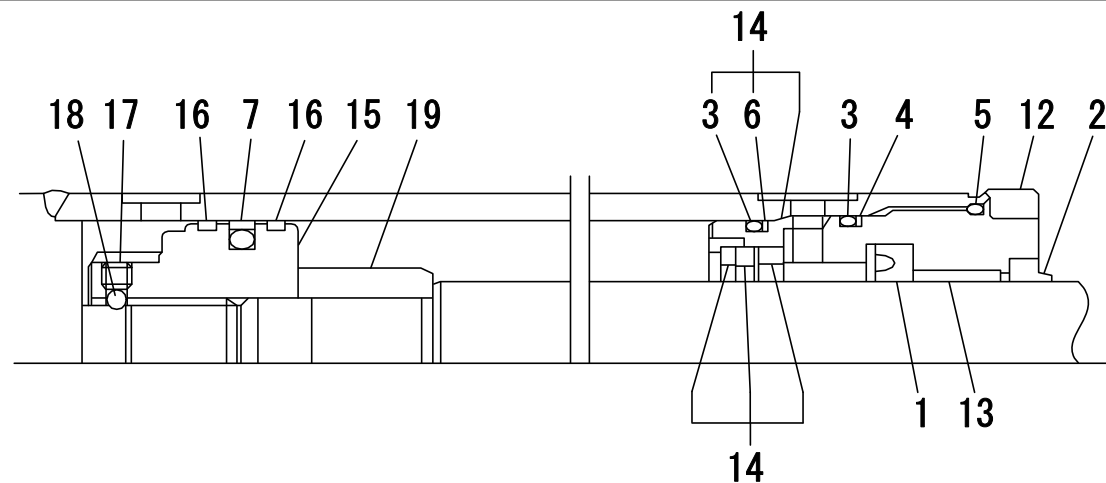
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1901745400	VALVE ASSY, remote-control	1				
0-1	1901745499	· KIT, seal	1				
1	1901745404	· · PACKING	2				
2	1420300017	· · O-RING	2				
3	1420010110	· · O-RING	1				
4	1901745402	· COVER	1				
5	1901745403	· PLUG	2				
6	1901745406	· ROD	2				
7	1901745407	· SHIM	2				
8	1501750002	· PLUG	1				
	1420010110	· · O-RING	1				
9	1110020616	· SCREW, cap	2				
10	1901745412	· HOLDER	2				
11	1901745413	· WASHER	2				
12	1901745414	· SPRING	2				
13	1901745415	· SPRING	2				
14	1901735016	· SHAFT	1				
15	1901745417	· BUSHING	2				
16	1901735018	· CAM ASSY	1				
17	1121040606	· SET-SCREW	1				
18	1901735001	· BOOT	1				
	N2h021						



DETAIL "A"



DETAIL "B"



E8H010

Reference

E8H010

S=free

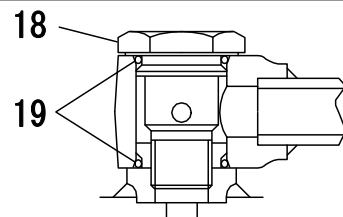
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8-28

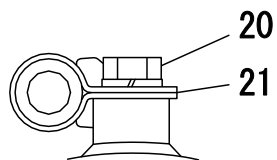
BOOM CYLINDER

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1900117900	CYLINDER ASSY	1				boom
0-1	1900117999	· KIT, seal	1				
1	1900005612	· · PACKING, rod	1				
2	1900073033	· · SEAL, dust	1				
3	1420110700	· · O-RING	2				
4	1900104927	· · RING, back-up	1				
5	1420110750	· · O-RING	1				
6	1900103127	· · RING, back-up	1				
7	1900050333	· · PACKING, piston	1				
8	1900117998	· TUBE ASSY	1				
9	0002705014	· · BUSHING	1				
10	1900117997	· ROD ASSY	1				
11	1900016002	· · BUSHING	1				
12	1900106603	· COVER, rod	1				
13	1900102002	· BUSHING	1				
14	1900117945	· HOLDER ASSY	1				
15	1900106606	· PISTON	1				
16	1900104926	· RING, slide	2				
17	1121050808	· SET-SCREW	1				
18	1390020350	· BALL, steel	1				
19	1900106616	· RING, cushion	1				
20	1900117910	· PIPE ASSY	1				
21	1900117919	· PIPE ASSY	1				
22	1900093327	· PLUG	2				
23	1900093328	· O-RING	4				
24	1900117819	· BOLT	2				
25	1900090017	· HOLDER, pipe	2				
26	1432200050	· SEAL, dust	2				
27	1900088633	· SEAL, dust	2				
28	1900105028	· FITTING, grease	1				
29	1900105029	· FITTING, grease	1				
	E8h011						

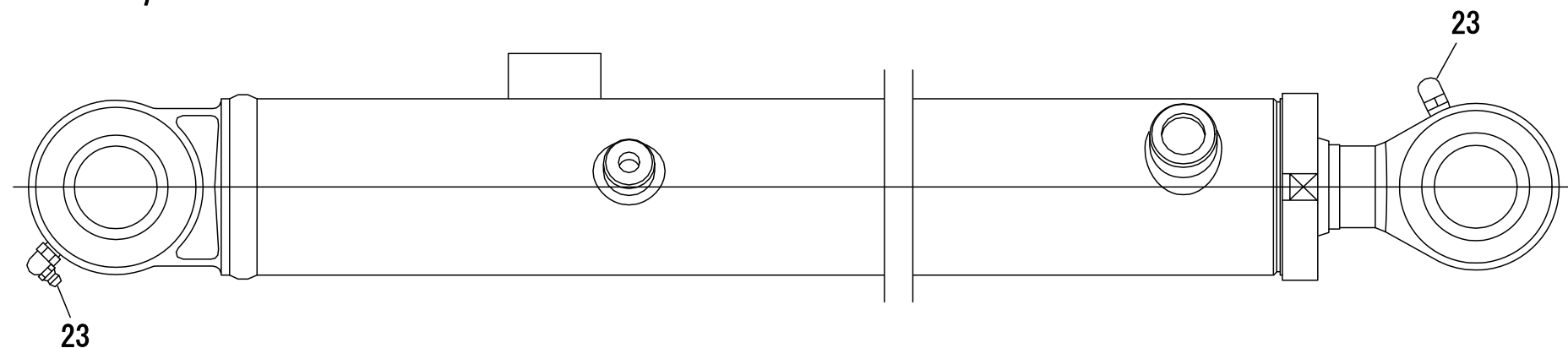
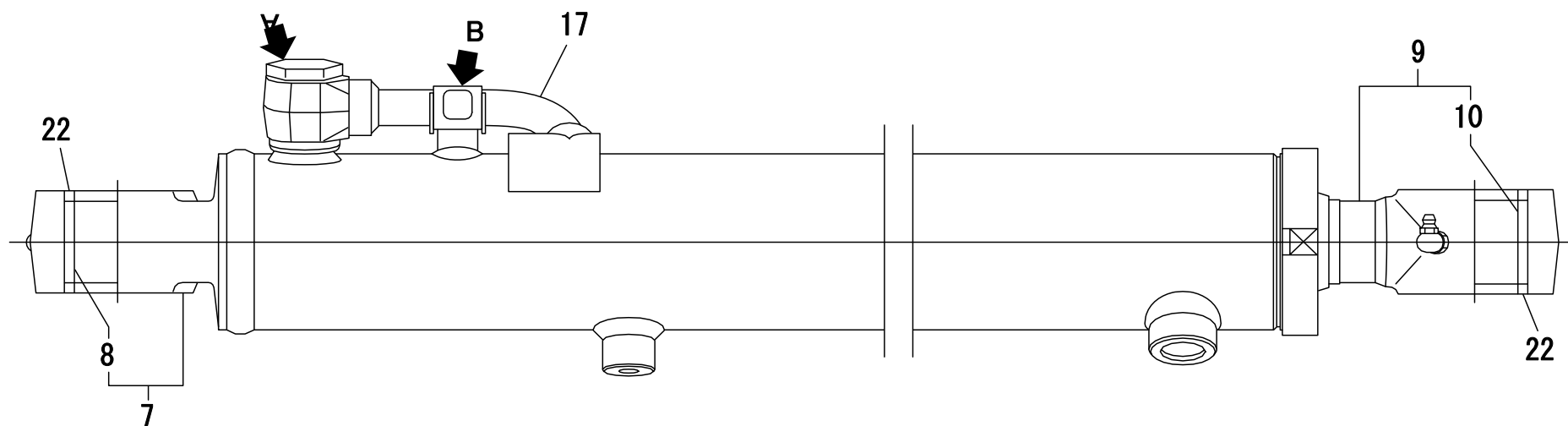
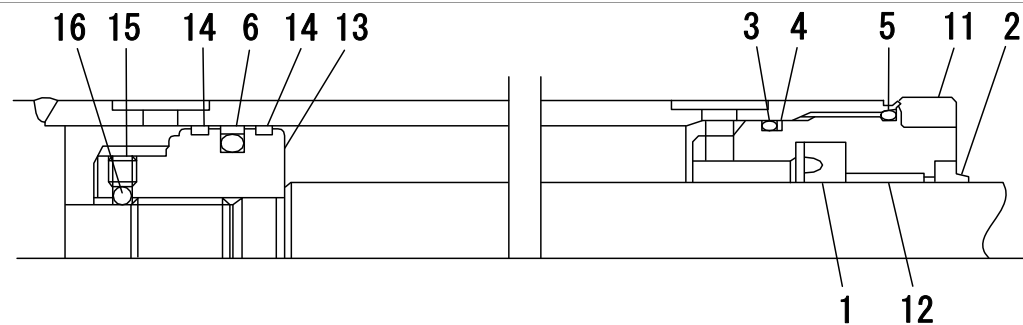
ARM CYLINDER



DETAIL "A"

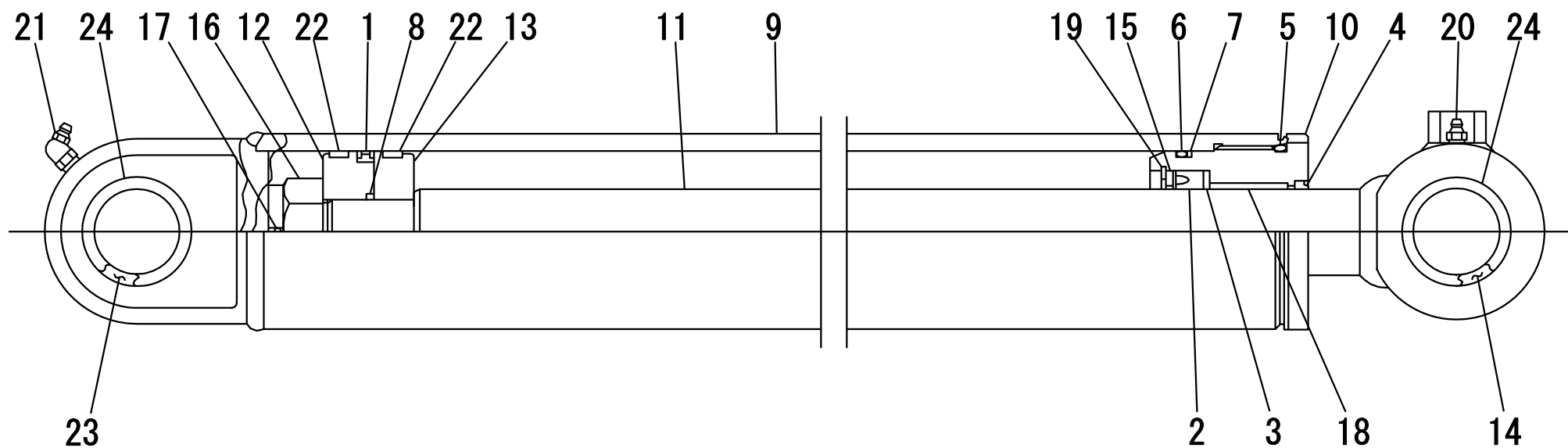


DETAIL "B"



E8H020

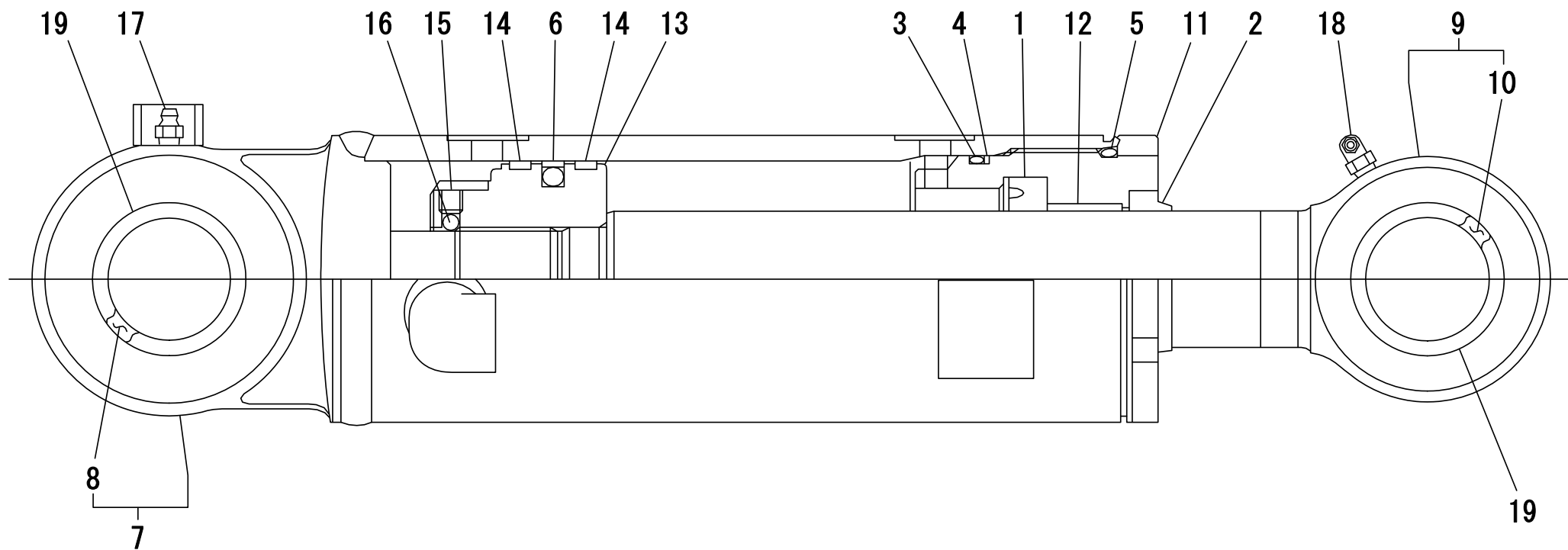
ARM CYLINDER						
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
0	1900118000	CYLINDER ASSY	1			arm
0-1	1900093499	· KIT, seal	1			
1	1900005612	· · PACKING, rod	1			
2	1900073033	· · SEAL, dust	1			
3	1420110650	· · O-RING	1			
4	1900088627	· · RING, back-up	1			
5	1420110700	· · O-RING	1			
6	1900051132	· · PACKING, piston	1			
7	1900118098	· TUBE ASSY	1			
8	1900022702	· · BUSHING	1			
9	1900118097	· ROD ASSY, piston	1			
10	1900015720	· · BUSHING	1			
11	1900102003	· COVER, rod	1			
12	1900102002	· BUSHING	1			
13	1900088606	· PISTON	1			
14	1900097131	· RING, slide	2			
15	1121050808	· SET-SCREW	1			
16	1390020350	· BALL, steel	1			
17	1900093410	· PIPE ASSY	1			
18	1900093327	· PLUG	1			
19	1900093328	· O-RING	2			
20	1100640816	· BOLT	1			
21	1900090017	· HOLDER, pipe	1			
22	1900088633	· SEAL, dust	4			
23	1900105228	· FITTING, grease	2			
E8h021						



E5H150

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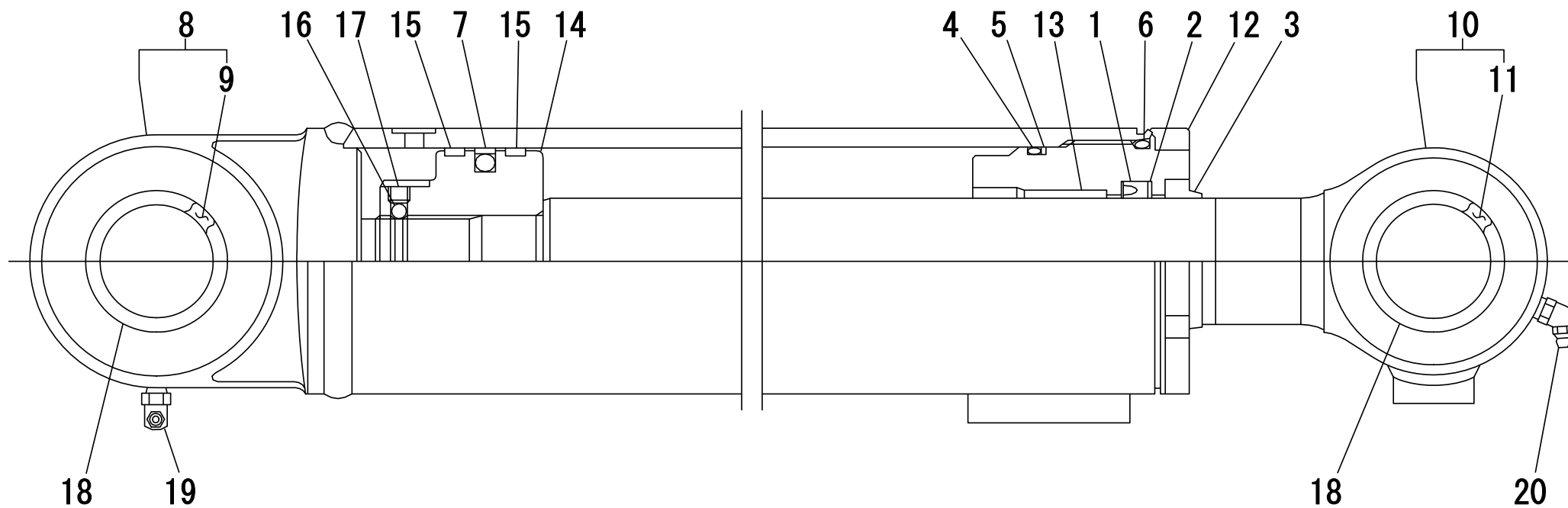
						BUCKET CYLINDER
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
0	1900077800	CYLINDER ASSY	1			bucket
0-1	1900060699	· KIT, seal	1			
1	1410220600	· · PACKING, piston	1			
2	1410535458	· · PACKING, rod	1			
3	1411245353	· · RING, back-up	1			
4	1900088433	· · SEAL, dust	1			
5	1420110600	· · O-RING	1			
6	1420110550	· · O-RING	1			
7	1421130550	· · RING, back-up	1			
8	1420010240	· · O-RING	1			
9	1900077807	· TUBE	1			
10	1900060603	· COVER, rod	1			
11	1900077801	· ROD, piston	1			
12	1900044006	· PISTON	1			
13	1900044055	· HOLDER, packing	1			
14	1900077802	· BUSHING	1			
15	1900077808	· HOLDER, rod packing	1			
16	1900077809	· NUT	1			
17	1213000545	· PIN, split	1			
18	1333003525	· BUSHING	1			
19	1221000045	· RING, snap	1			
20	1560001000	· FITTING, grease	1			
21	1560001900	· FITTING, grease	1			
22	1410706008	· RING, wear	2			
23	1900077820	· BUSHING	1			
24	1432200035	· SEAL, dust	4			
E5h153						



E8H030

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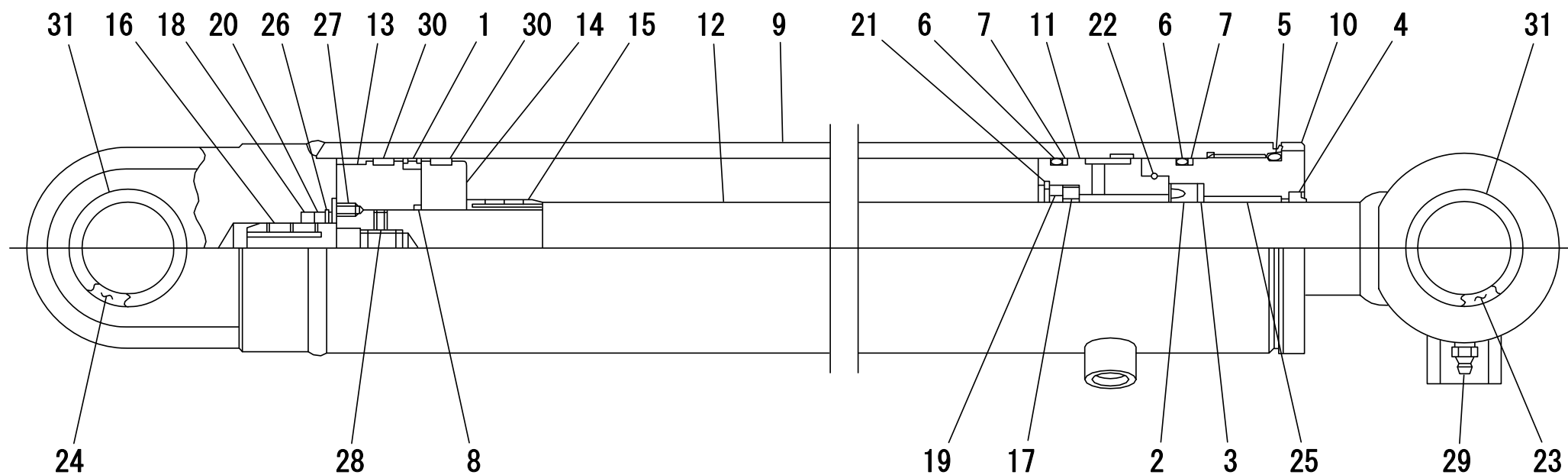
						DOZER BLADE CYLINDER
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
0	1900118900	CYLINDER ASSY	1			dozer blade
0-1	1900118999	· KIT, seal	1			
1	1900005912	· · PACKING, rod	1			
2	1900075133	· · SEAL, dust	1			
3	1420110800	· · O-RING	1			
4	1900091027	· · RING, back-up	1			
5	1420110850	· · O-RING	1			
6	1900050932	· · PACKING, piston	1			
7	1900118998	· TUBE ASSY	1			
8	1900015502	· · BUSHING	1			
9	1900093597	· ROD ASSY	1			
10	1900015502	· · BUSHING	1			
11	1900118903	· COVER, rod	1			
12	1900101702	· BUSHING	1			
13	1900093506	· PISTON	1			
14	1900118926	· RING, slide	2			
15	1121050808	· SET-SCREW	1			
16	1390020350	· BALL, steel	1			
17	1900105028	· FITTING, grease	1			
18	1900105228	· FITTING, grease	1			
19	1900091433	· SEAL, dust	4			
E8h031						



E7H210

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ANGLE BLADE CYLINDER						
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
0	1900102300	CYLINDER ASSY	1			angle blade
0-1	1900102399	· KIT, seal	1			
1	1900105332	· · PACKING, rod	1			
2	1900102327	· · RING, back-up	1			
3	1900073733	· · SEAL, dust	1			
4	1420010450	· · O-RING	1			
5	1421130450	· · RING, back-up	1			
6	1420500500	· · O-RING	1			
7	1900056931	· · PACKING, piston	1			
8	1900102398	· TUBE ASSY	1			
9	1900046320	· · BUSHING	1			
10	1900102397	· ROD ASSY, piston	1			
11	1900046320	· · BUSHING	1			
12	1900102303	· COVER, rod	1			
13	1900105302	· BUSHING	1			
14	1900102306	· PISTON	1			
15	1900056928	· RING, slide	2			
16	1390020250	· BALL, steel	1			
17	1121050605	· SET-SCREW	1			
18	1900105333	· SEAL, dust	4			
19	1560001900	· FITTING, grease	1			
20	1560001675	· FITTING, grease	1			
	E7h211					

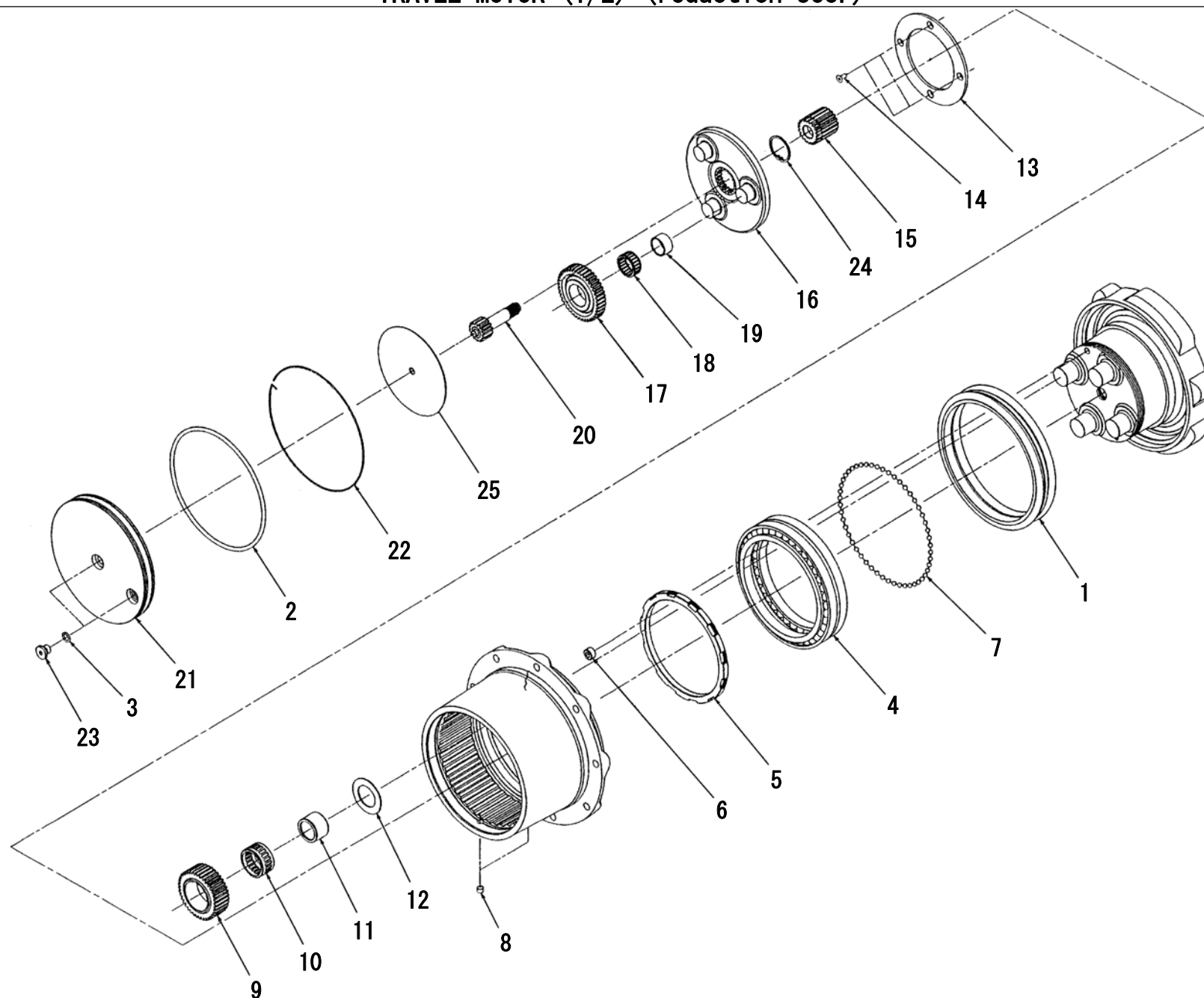


E8H040

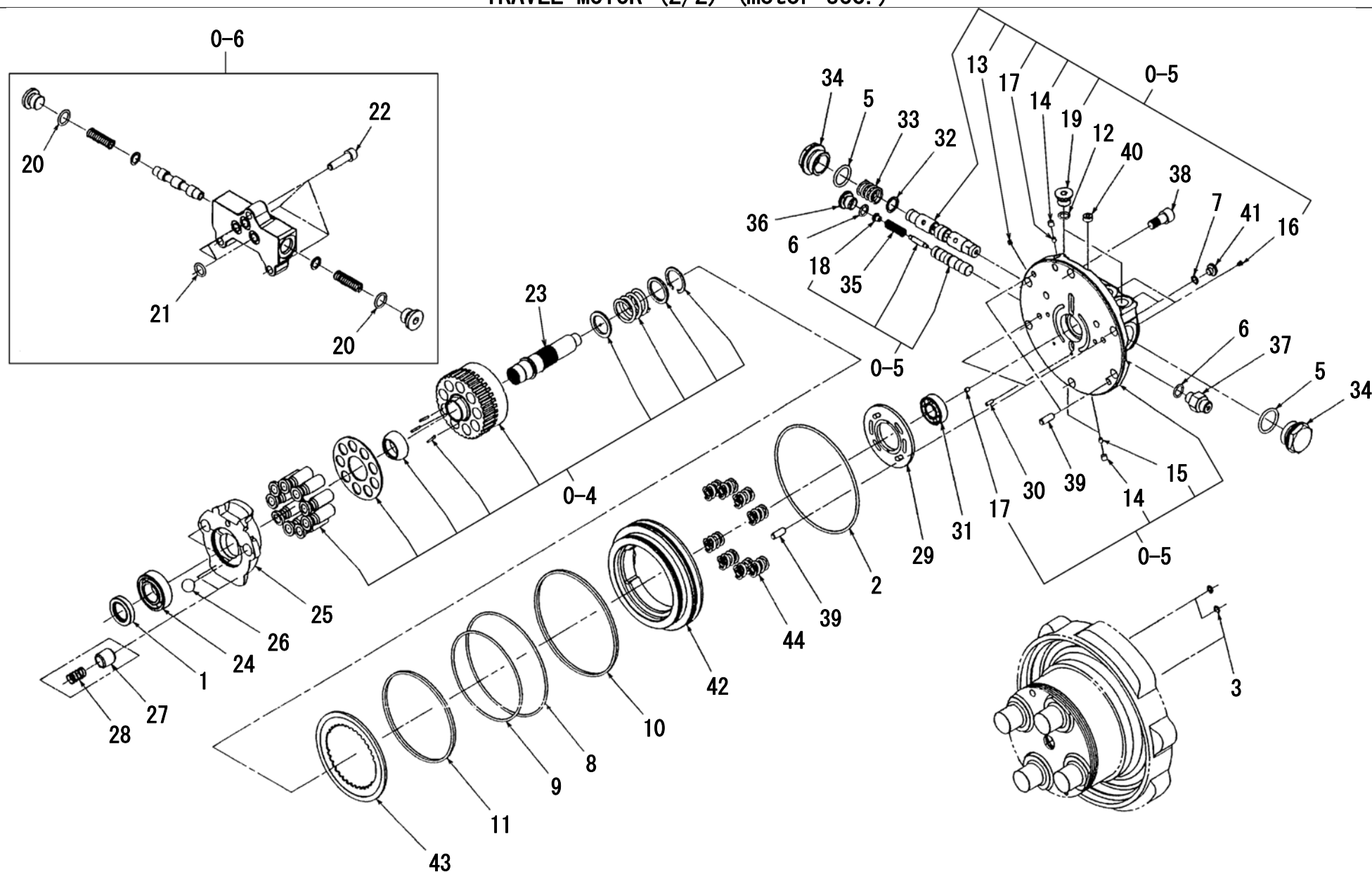
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SWING CYLINDER

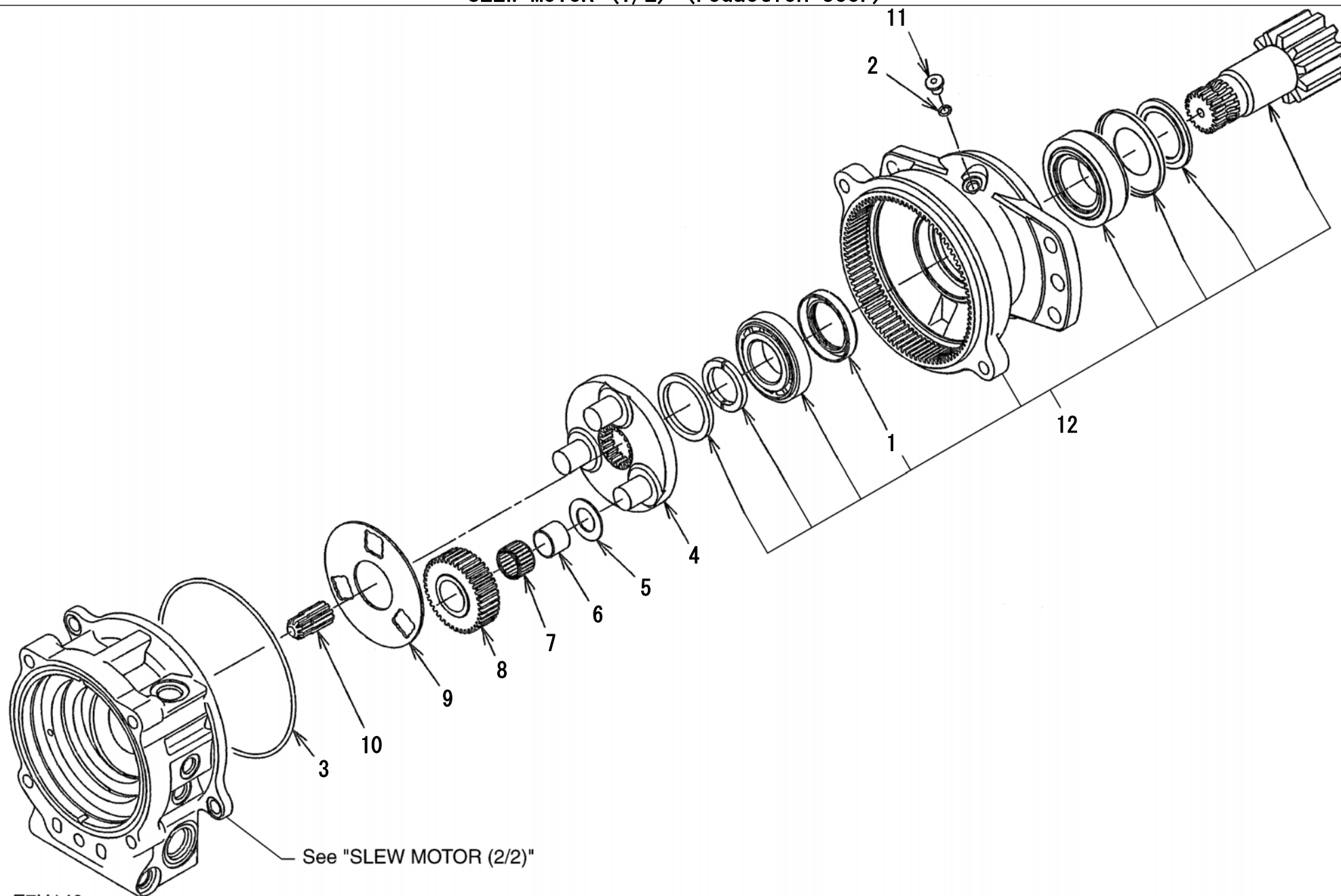
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1900117600	CYLINDER ASSY	1				swing
0-1	1900105599	· KIT, seal	1				
1	1410220750	· · PACKING, piston	1				
2	1410540562	· · PACKING, rod	1				
3	1900105527	· · RING, back-up	1				
4	1900084133	· · SEAL, dust	1				
5	1420110750	· · O-RING	1				
6	1420110700	· · O-RING	2				
7	1421130700	· · RING, back-up	2				
8	1420110300	· · O-RING	1				
9	1900117698	· TUBE ASSY	1				
10	1900077903	· COVER, rod	1				
11	1900077930	· COVER, rod	1				
12	1900117601	· ROD ASSY	1				
13	1900044106	· PISTON	1				
14	1900104705	· HOLDER, packing	1				
15	1900044105	· CUSHION, rod	1				
16	1900084105	· BEARING, cushion	1				
17	1900035819	· RING, seal	1				
18	1900077931	· RING, seal	1				
19	1900059426	· STOPPER	1				
20	1900059629	· STOPPER	1				
21	1900059414	· RING, stop	1				
22	1900077935	· RING	1				
23	1900077902	· BUSHING	1				
24	1900077920	· BUSHING	1				
25	1900105502	· BUSHING	1				
26	1900059615	· RING, stop	1				
27	1121050610	· SET-SCREW	1				
28	1121050508	· SET-SCREW	1				
29	1560001000	· FITTING, grease	1				
30	1900105526	· RING, slide	2				
31	1432200040	· SEAL, dust	4				
	E8h041						



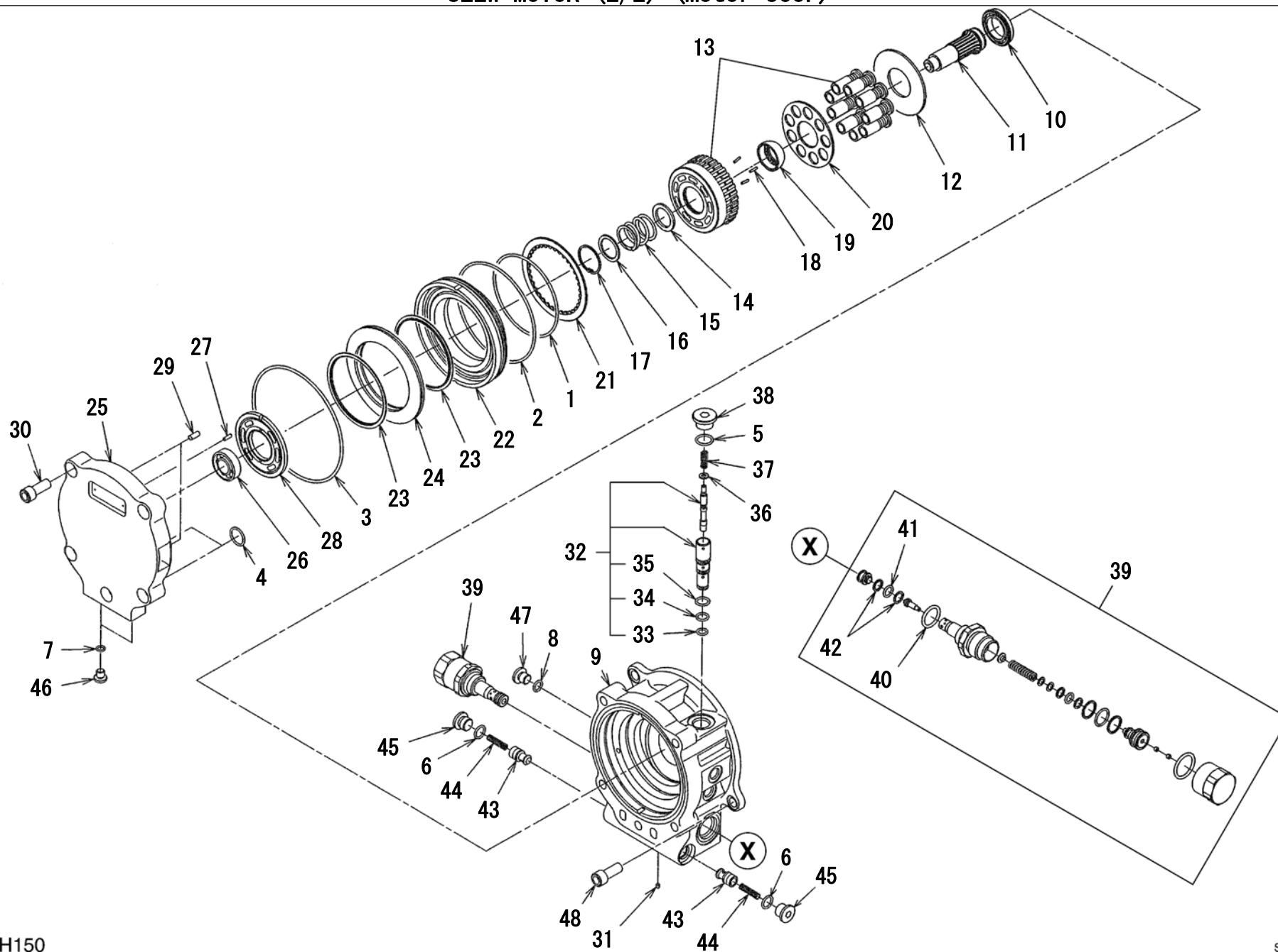
TRAVEL MOTOR (1/2) (reduction sec.)					
Item	Part number	Description	Q'ty	Chan.	Serial No. Serv. Remarks
0	1903124900	MOTOR ASSY, travel	1		
0-1	1912907900	• REDUCTION ASSY	1		
0-2	1912907999	• • KIT, seal	1		
1	1912001005	• • • SEAL, floating	2		
2	1420111550	• • • O-RING	1		
3	1420010140	• • • O-RING	2		
4	1912902403	• • BEARING	1		
5	1912907904	• • NUT	1		
6	1912905605	• • PLUG	2		
7	1390010250	• • BALL, steel	132		
8	1501810001	• • PLUG	2		
9	1912905609	• • GEAR	4		
10	1912905610	• • BEARING	4		
11	1912905611	• • LACE, inner	4		
12	1912905612	• • WASHER	4		
13	1912900713	• • PLATE	1		
14	1912900714	• • SCREW	4		
15	1912905615	• • GEAR	1		
16	1912905617	• • HOLDER	1		
17	1912905618	• • GEAR	3		
18	1912905619	• • BEARING	3		
19	1912905620	• • LACE, inner	3		
20	1912905622	• • GEAR	1		
21	1912907924	• • COVER	1		
22	1912900726	• • WIRE	1		
23	1903106843	• • PLUG	2		
24	1220000035	• • RING, snap	1		
25	1912905623	• • PLATE, thrust	AR		t=1. 8mm
	1912905624	• • PLATE, thrust	AR		t=2. 3mm
	1912905625	• • PLATE, thrust	AR		t=2. 8mm
	E7h221				



						TRAVEL MOTOR (2/2) (motor sec.)	
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1903124900	MOTOR ASSY, travel	1				
0-3	1903124999	· KIT, seal	1				
1	1903120504	· · SEAL, oil	1				
2	1420101200	· · O-RING	1				
3	1420010070	· · O-RING	4				
4	1420010100	· · O-RING	2				
5	1420010200	· · O-RING	2				
6	1420010140	· · O-RING	2				
7	1420010080	· · O-RING	2				
8	1420101100	· · O-RING	1				
9	1420100950	· · O-RING	1				
10	1903124968	· · RING, back-up	1				
11	1421130950	· · RING, back-up	1				
12	1420010110	· · O-RING	2				
0-4	1903124998	· BLOCK KIT, cylinder	1				
0-5	1903124997	· PLATE KIT, base	1				
13	1903107047	· · ORIFICE	4				
14	1901804213	· · PLUG	4				
15	1903107047	· · ORIFICE	4				
16	1903124959	· · PLUG	2				
17	1903107047	· · ORIFICE	2				
18	1903124972	· · SHEET, spring	1				
19	1903108655	· · PLUG	2				
0-6	1901810500	· VALVE ASSY	1				
20	1420010140	· · O-RING	2				
21	1420010120	· · O-RING	3				
22	1110020830	· · SCREW, cap	3				
23	1903110202	· SHAFT	1				
24	1903104403	· BEARING	1				
25	1903124905	· PLATE	1				
26	1903120506	· BALL, steel	2				
27	1903124919	· PISTON	2				
28	1903124920	· SPRING	2				
29	1903110225	· PLATE	1				
30	1212000412	· PIN	1				
31	1903104422	· BEARING	1				
32	1901803003	· SHEET, spring	2				
33	1903113437	· SPRING	2				
34	1903124938	· CAP	2				
35	1903124942	· SPRING	1				
36	1903124943	· PLUG	2				
37	1903124946	· PLUG	1				
38	1110021225	· SCREW, cap	6				
39	1903124949	· PIN	4				
40	1501810002	· PLUG	1				
41	1912905325	· PLUG	2				
42	1903124960	· PISTON, brake	1				
43	1903124961	· DISK	1				
44	1903120518	· SPRING	8				
E5h372							

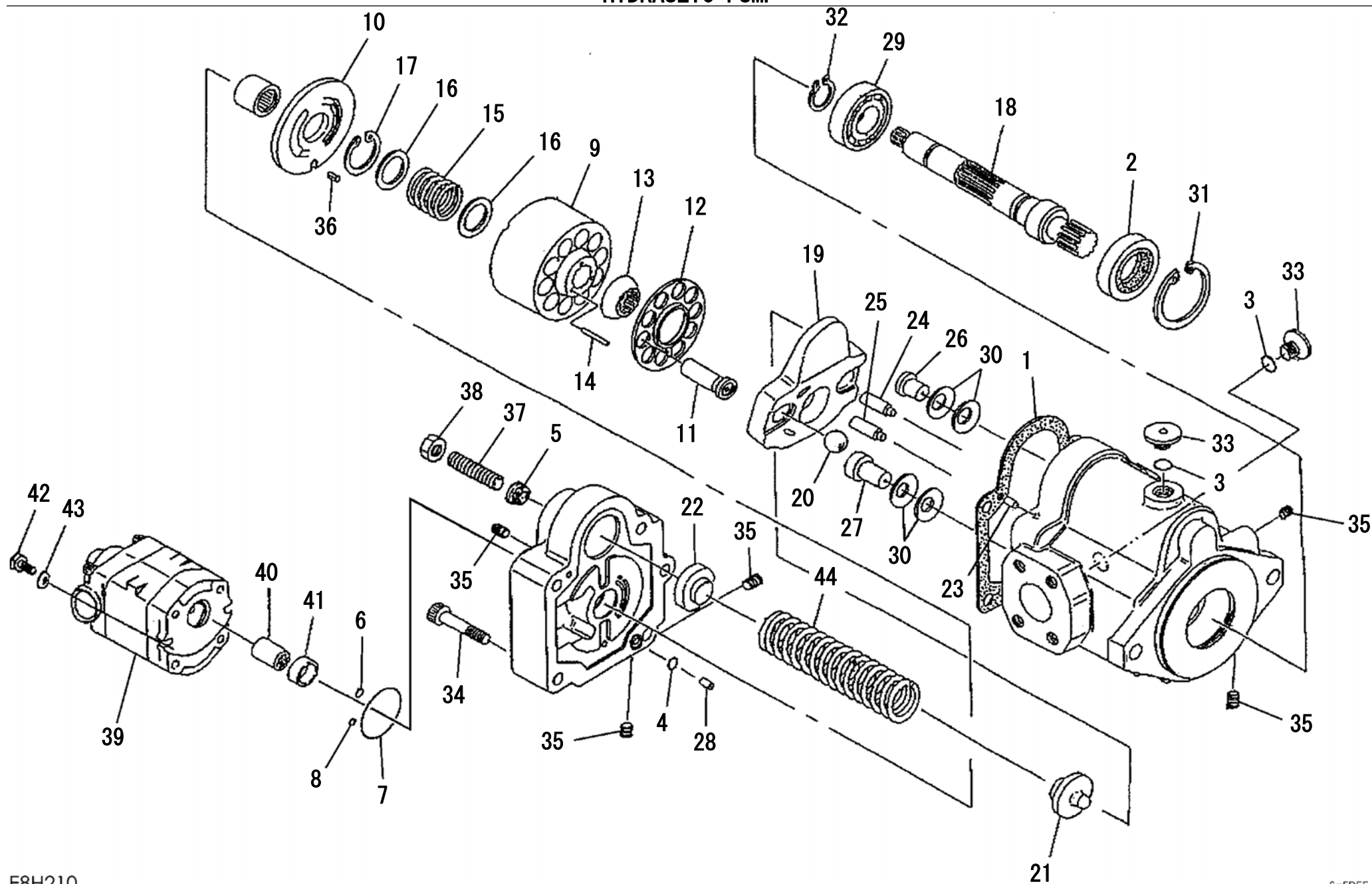


SLEW MOTOR (1/2) (reduction sec.)					
Item	Part number	Description	Q'ty	Chan.	Serial No. Serv. Remarks
0	1903128000	MOTOR ASSY, slew	1		
0-1	X *****	· GEAR, reduction	1		X19129-08900
0-2	1912908699	· · KIT, seal	1		
1	1912908601	· · · SEAL, oil	1		
2	1420010080	· · · O-RING	1		
3	1420300260	· · · O-RING	1		
4	1912905710	· · HOLDER	1		
5	1912905311	· · WASHER, thrust	3		
6	1912905312	· · LACE, inner	3		
7	1912905313	· · BEARING, needle	3		
8	1912905714	· · GEAR, planetary	3		
9	1912905715	· · PLATE, thrust	1		
10	1912905716	· · GEAR, drive	1		
11	1912905325	· · PLUG	1		
12	1912908998	· · HOUSING ASSY	1		
	E7h141				



SLEW MOTOR (2/2) (motor sec.)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1903128000	MOTOR ASSY, slew	1				
0-3	X *****	· MOTOR, piston	1				X19039-08600
0-4	1903904999	· · KIT, seal	1				
1	1420111100	· · · O-RING	1				
2	1420111350	· · · O-RING	1				
3	1903007227	· · · O-RING	1				
4	1420010210	· · · O-RING	2				
5	1420010180	· · · O-RING	1				
6	1420010140	· · · O-RING	2				
7	1420010080	· · · O-RING	2				
8	1420010110	· · · O-RING	1				
9	1903908601	· · CASE	1				
10	1903904902	· · BEARING, ball	1				
11	1903904903	· · SHAFT	1				
12	1903904504	· · PLATE, thrust	1				
13	1903120698	· · BLOCK, cylinder	1				
14	1903106808	· · COLLAR	1				
15	1903904507	· · SPRING	1				
16	1903904508	· · WASHER	1				
17	1221000037	· · RING, snap	1				
18	1903904510	· · PIN	3				
19	1903106813	· · HOLDER	1				
20	1903904511	· · PLATE	1				
21	1903904514	· · DISK	1				
22	1903904515	· · PISTON	1				
23	1903904518	· · SHEET, spring	2				
24	1903904519	· · SPRING	1				
25	1903904921	· · COVER	1				
26	1903107927	· · BEARING	1				
27	1212000412	· · PIN	1				
28	1903904524	· · PLATE, valve	1				
29	1903904525	· · PIN	2				
30	1110051230	· · SCREW, cap	5				
31	1901802713	· · ORIFICE	1				
32	1901809200	· · VALVE ASSY	1				
33	1420000101	· · · O-RING	1				
34	1420010120	· · · O-RING	1				
35	1420010140	· · · O-RING	1				
36	1141110006	· · WASHER	1				
37	1903904535	· · SPRING	1				
38	1903904537	· · PLUG	1				
39	1903908698	· · VALVE ASSY, relief	2				
40	1420010240	· · · O-RING	1				
41	1420010120	· · · O-RING	1				
42	1421020120	· · · RING, back-up	2				
43	1903904539	· · VALVE, check	2				
44	1903904540	· · SPRING	2				
45	1903106843	· · PLUG	2				
46	1912905325	· · PLUG	2				
47	1903108655	· · PLUG	1				
48	1903128003	· SCREW, cap	2				
	E7h151						



HYDRAULIC PUMP						
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
0	1902030400	PUMP, hydraulic	1			M
0-1	1902030499	• KIT, seal	1			M
1	1902012013	• • PACKING	1			M
2	1902016032	• • SEAL, oil	1			M
3	1420010110	• • O-RING	2			M
4	1420010120	• • O-RING	2			M
5	1902016062	• • WASHER, seal	1			M
6	1420010070	• • O-RING	1			M
7	1420110550	• • O-RING	1			M
8	1420010080	• • O-RING	1			M
0-2	1902909800	• BARREL KIT, cylinder	1			M
9	X *****	• • BARREL, cylinder	1			M
10	X *****	• • PLATE	1			M
11	1902909900	• • PISTON ASSY	10			M
12	1902909808	• • HOLDER	1			M
13	1902016009	• • HOLDER	1			M
14	1903901813	• • NEEDLE	3			M
15	1902909814	• • SPRING	1			M
16	1903902313	• • RETAINER	2			M
17	1221000035	• • RING, snap	1			M
18	1902020001	• SHAFT	1			M
19	1902030410	• PLATE, swash	1			M
20	1902016012	• PIN	2			M
21	1902016118	• HOLDER	1			M
22	1902020019	• GUIDE	1			M
23	1902011526	• PIN	1			M
24	1902030421	• ROD	1			M
25	1902030422	• ROD	1			M
26	1902030425	• PIN	1			M
27	1902020826	• PIN	1			M
28	1902016027	• PIN	1			M
29	1300006205	• BEARING	1			M
30	1902016033	• WASHER, conical	4			M
31	1221000052	• RING, snap	1			M
32	1220000025	• RING, snap	1			M
33	1902014742	• PLUG	2			M
34	1110021045	• SCREW, cap	5			M
35	1902016049	• PLUG	7			M
36	1213000616	• PIN	1			M
37	1121050835	• SET-SCREW	1			M
38	1130050008	• NUT	1			M
39	1902916000	• PUMP, gear	1			M
40	1902916100	• COUPLING	1			M
41	1902916067	• COLLAR	1			M
42	1100050825	• BOLT	2			M
43	1902019870	• WASHER	2			M
44	1902030415	• SPRING	1			M
	E8h210					

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