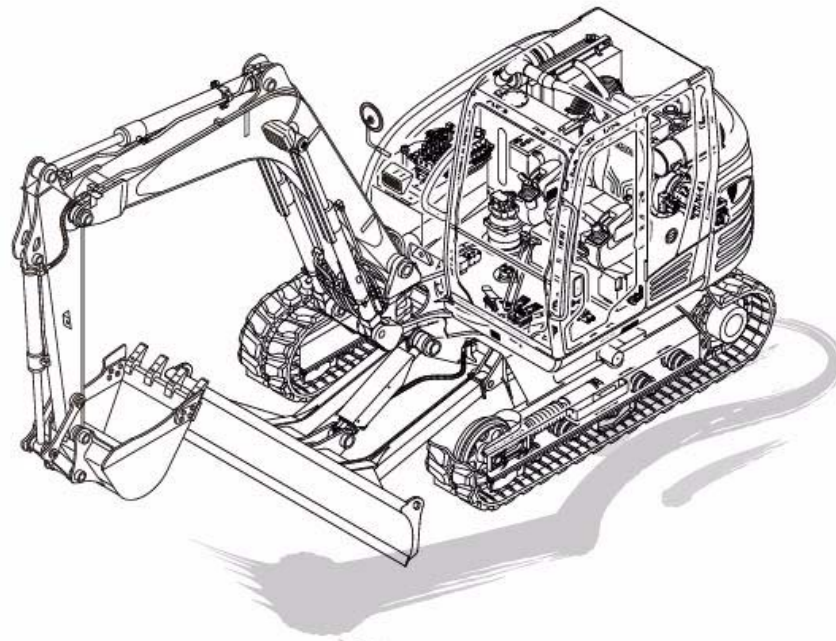


PARTS MANUAL

TB290

Serial No. 190000001~

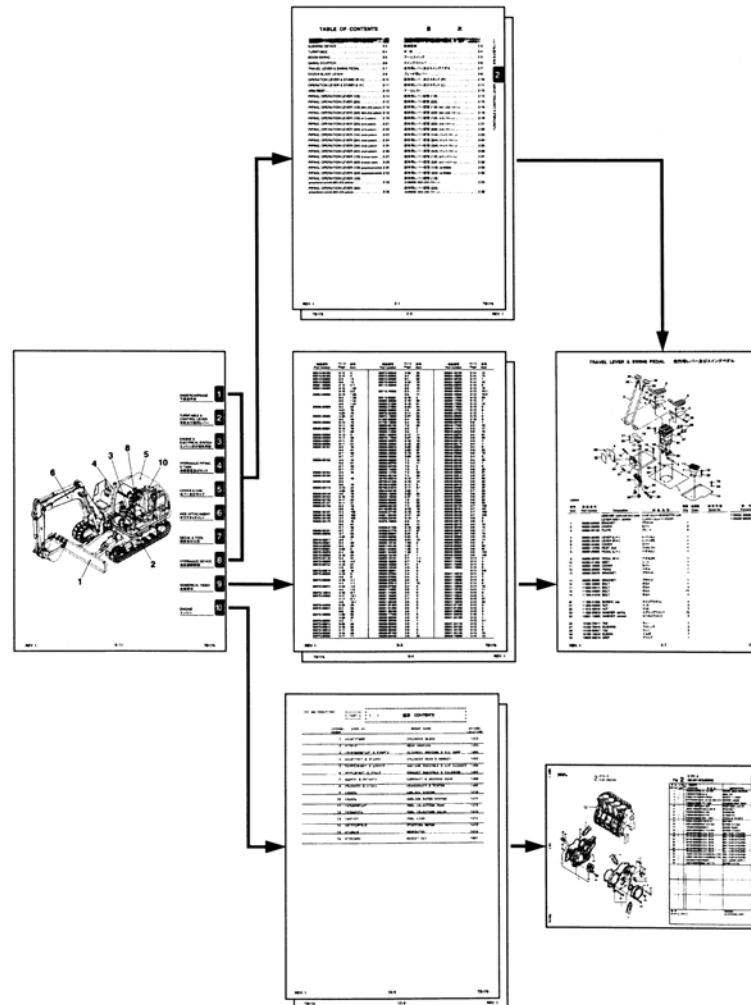
BM0Z001-3(P-TB290BAD)



HYDRAULIC EXCAVATOR

TAKEUCHI

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



TB290 [P-TB290BAD] Book No. BM0Z001-3 S/N 190000001- How to read the parts manual2/9)

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

TRAVEL LEVER & SWING PEDAL 走行用レバー及びスイングペダル
17510003-17513029

図番	部品番号	Description	部品名称	数量	互換性	適用年	適用機種	備考
1	05632 28050	BRACKET	ブラケット	1	A	1751003-1751308	1751309-	05632-28500-1
2	05632 26200	COVER	カバー	2	A	1751003-1751308	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	03302 34260	COVER	カバー	1				
7	05632 18700	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	03302 41250	SEET	シート	1				
11	05632 18500	COVER	カバー	1				
12	05632 28060	PEDAL	ペダル	1				
13	05632 26070	BRACKET	ブラケット	1				
14	05632 26080	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 40506	NUT	ナット	2				
22	12251 10506	WASHER, conical	コンカルワッシャー	2				
23	15123 70011	TEE	ティー	1				

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

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2-1

TB175

TB290 [P-TB290BAD] Book No. BM0Z001-3 S/N 190000001- How to read the parts manual(3/9)

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
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。	10 機械の型式
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	11 ページ番号
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	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。
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。	

TB290 [P-TB290BAD] Book No. BM0Z001-3 S/N 190000001- 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 17510003-17510309

Item	Part number	Description	部品名	数量 Qty	互換性 Cheri	適用機種 Serial No.	備考 Remarks
1	05632-28050	BRACKET	ブラケット	1	A	17510003-1751308	* 05632-28500-1
	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			

⑨ 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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⑪ 2-1

⑩ TB175

**TB290 [P-TB290BAD] Book No. BM0Z001-3 S/N 190000001-
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.

TB290 [P-TB290BAD] Book No. BM0Z001-3 S/N 190000001- How to read the parts manual(6/9)

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

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	Qty	Char	適用機種	備考
1	05632-28050	BRACKET	ブラケット	1	A	17510003-1751308	× 05632-28500-1
2	05632-28050	BRACKET	ブラケット	1	APH	1751309-	
2	05632-26200	COVER	カバー	2	A	17510003-1751308	1751309-
	05632-36200	COVER	カバー	2	APH	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	03332-34260	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	SEET	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	12251-10206	WASHER, conical	コニカルワッシャー	2			
23	15123-70011	TEE	ティー	1			

⑨ NOTE
セット "A" はセット "a" と互換性あり。 / SET "A" is interchangeable with SET "a".
L38050

⑫ REV. 1

⑪ 2-1

⑩ TB175

TB290 [P-TB290BAD] Book No. BM0Z001-3 S/N 190000001- How to read the parts manual(7/9)

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.

TB290 [P-TB290BAD] Book No. BM0Z001-3 S/N 190000001- How to read the parts manual(8/9)

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	17510003-17513008	× 05632-28000-1
2	05632-38050	BRACKET	1	all	17513009	
3	05632-26200	COVER	2	A	17510003-17513008	
4	05632-26120	PLATE	2	all	17513009	
5	05632-26300	LEVER (L.H.)	1			
6	05632-26400	LEVER (R.H.)	1			
7	03332-34090	COVER	1			
8	05632-19700	REST, foot	1			
9	05632-26600	PEDAL (L.H.)	1			
10	05632-26700	PEDAL (R.H.)	1			
11	03332-41250	SEAT	1			
12	05632-18500	COVER	1			
13	05632-28060	PEDAL	1			
14	05632-28070	BRACKET	1			
15	05632-28080	BRACKET	1			
16	11000-40680	BOLT	1			
17	11000-40814	BOLT	4			
18	11000-40820	BOLT	15			
19	11100-41016	BOLT	4			
20	11100-41020	SCREW, cap	4			
21	11300-40206	NUT	2			
22	12251-10006	WASHER, conical	2			
23	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

REV. 1

2-1

TB175

**TB290 [P-TB290BAD] Book No. BM0Z001-3 S/N 190000001-
How to read the parts manual(9/9)**

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.

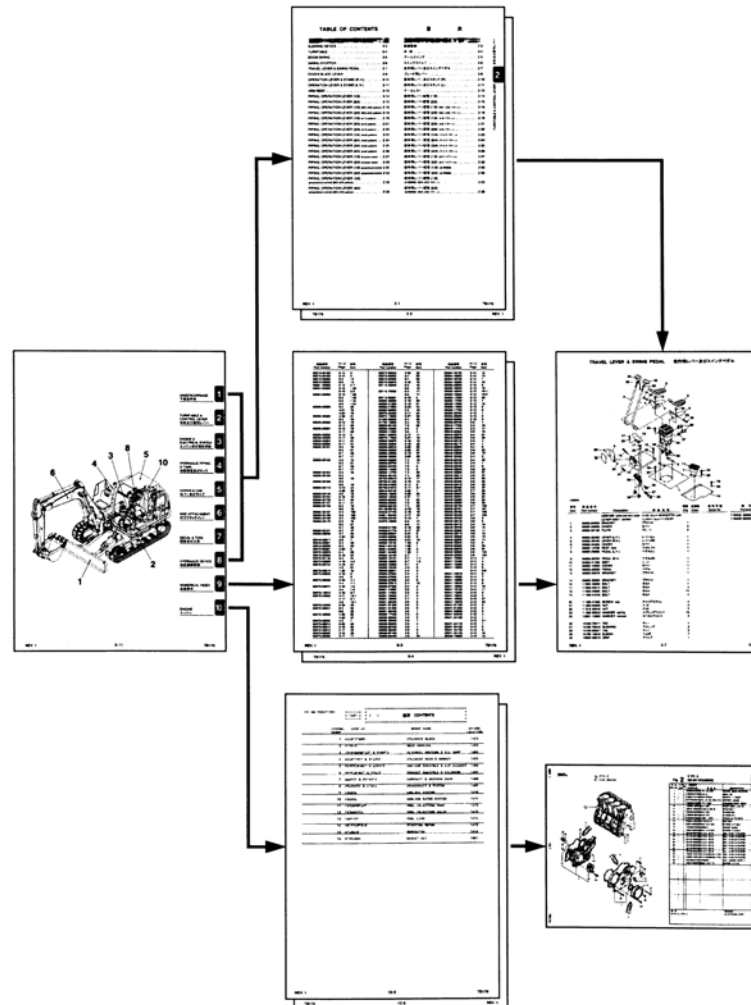
12. Revision number (Numéro de révision)

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

INDEX

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1		UNDERCARRIAGE					
2		TURNTABLE & CONTROL LEVER					
3		ENGINE & ELECTRICAL SYSTEM					
4		HYDRAULIC PIPNG & TANK					
5		COVER & CAB					
6		HOE ATTACHMENT					
7		DECAL & TOOL					
8		HYDRAULIC DEVICE					
10		ENGINE(4JJ1TYSB03)					
		2011.11.24					
		P-TB290BAD					
		BM0Z001-3					
		05600-04200					

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



TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001- How to read the parts manual2/9)

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いて運転席に坐り、「前後、左右」と呼んでおります。

パーツマニュアルの見方

TRAVEL LEVER & SWING PEDAL 走行用レバー及びスイングペダル
17510003-17513029 17510003-17513029

図番	部品番号	Description	部品名称	数量	互換性	適用年	Serial No.	備考
1	05632 28050	BRACKET	ブラケット	1	A	1751003-1751308		
2	05632 28050	BRACKET	ブラケット	1	apH	1751309-		
2	05632 26200	COVER	カバー	2	A	1751003-1751308		
	05632 26200	COVER	カバー	2	apH	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	03302 34260	COVER	カバー	1				
7	05632 18700	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	03302 41250	SEET	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crew	4				
21	11300 40506	NUT	ナット	2				
22	12251 10506	WASHER, conical	コンカルワッシャ	2				
23	15123 70011	TEE	ティー	1				

※ 05632 28500-1

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

REV. 1

2-1

TB175

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001- How to read the parts manual(3/9)

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
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。	10 機械の型式
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	11 ページ番号
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	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。
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。	

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001- 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 17510003-17510309

Item	Part number	Description	部品名	数量 Qty	互換性 Cheri	適用号数 Serial No.	備考 Remarks
1	05632 28050	BRACKET	ブラケット	1	A	1751003-1751308	* 05632-28500-1
	05632 38050	BRACKET	ブラケット	1	a(H)	1751309-	
2	05632 26200	COVER	カバー	2	A	1751003-1751308	
	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			

⑨ 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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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.

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001- How to read the parts manual(6/9)

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

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	Qty	Char	適用機種	Serial No	備 考
1	05632-28050	BRACKET	ブラケット	1	A	17510003-1751308		
2	05632-28050	BRACKET	ブラケット	1	APH	1751309-		
2	05632-26200	COVER	カバー	2	A	17510003-1751308		
	05632-36200	COVER	カバー	2	APH	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	03332-34260	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	SEET	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	12251-10206	WASHER, conical	コニカルワッシャー	2				
23	15123-70011	TEE	ティー	1				

※ 05632-28500-1

⑨ NOTE
セット "A" はセット "a" と互換性あり。 / SET "A" is interchangeable with SET "a".
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⑩ TB175

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001- How to read the parts manual(7/9)

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.

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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	17510003-1751308	× 05632-28000-1
2	05632-38050	BRACKET	1	all	1751309-	
3	05632-26200	COVER	2	A	17510003-1751308	
4	05632-26120	PLATE	2	all	1751309-	
5	05632-26300	LEVER (L.H.)	1			
6	05632-26400	LEVER (R.H.)	1			
7	03332-34090	COVER	1			
8	05632-19700	REST, foot	1			
9	05632-26600	PEDAL (L.H.)	1			
10	05632-26700	PEDAL (R.H.)	1			
11	03332-41250	SEAT	1			
12	05632-18500	COVER	1			
13	05632-28060	PEDAL	1			
14	05632-28070	BRACKET	1			
15	05632-28080	BRACKET	1			
16	11000-40680	BOLT	1			
17	11000-40814	BOLT	4			
18	11000-40820	BOLT	15			
19	11100-41016	BOLT	4			
20	11100-41020	SCREW, cap	4			
21	11300-40006	NUT	2			
22	12251-10006	WASHER, conical	2			
23	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".
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How to read the parts manual(9/9)**

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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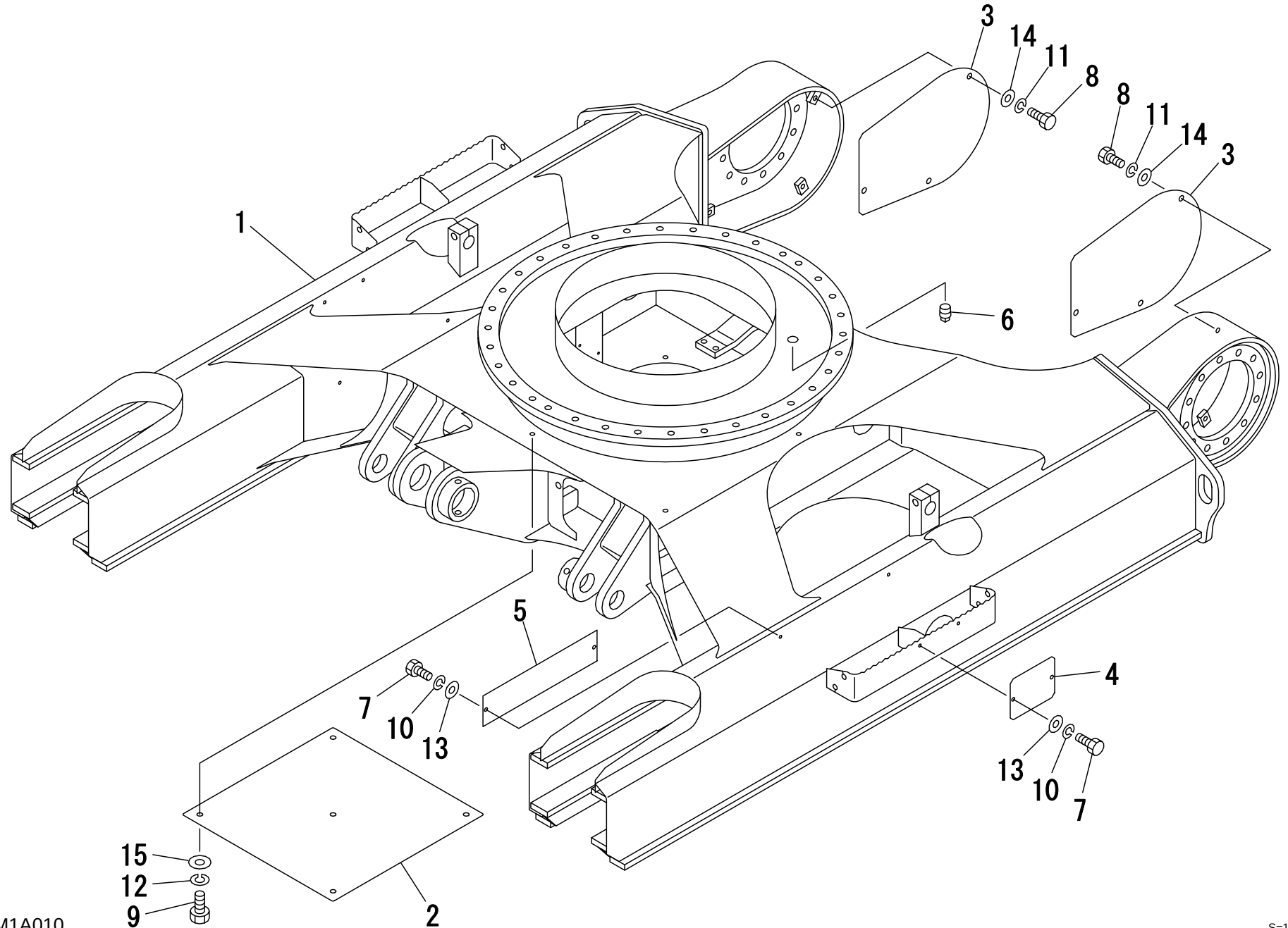
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1		UNDERCARRIAGE					
2		TURNTABLE & CONTROL LEVER					
3		ENGINE & ELECTRICAL SYSTEM					
4		HYDRAULIC PIPNG & TANK					
5		COVER & CAB					
6		HOE ATTACHMENT					
7		DECAL & TOOL					
8		HYDRAULIC DEVICE					
10		ENGINE(AU-4JJ1TYSB-03)					
		2011.11.10					
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TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
LOWER FRAME



M1A010

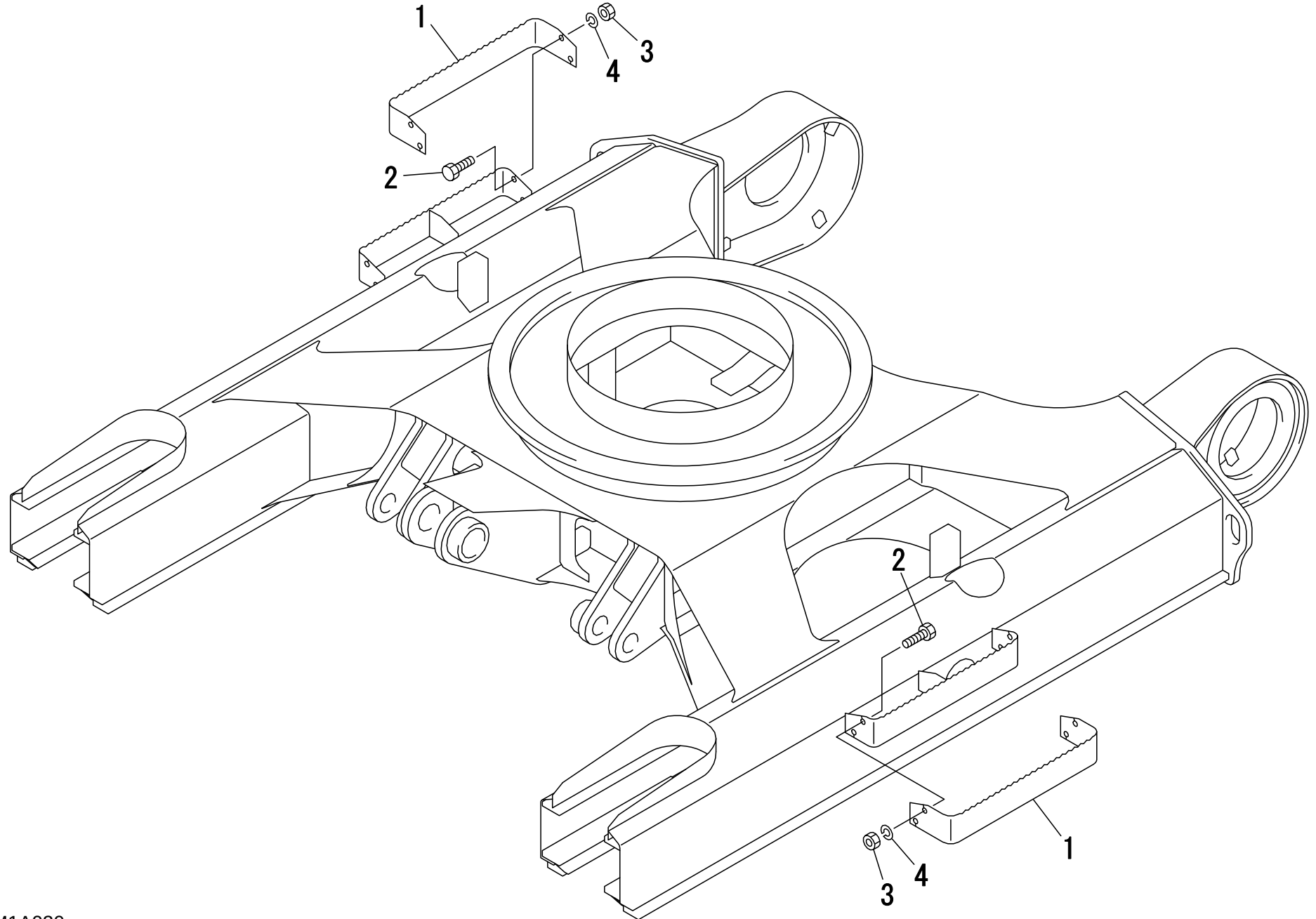
Reference M1A010

S=1/16

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LOWER FRAME

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	X *****	FRAME ASSY, lower	1				
2	0561036010	FRAME	1				
3	0561027020	COVER	2				
4	0561017400	COVER	2				
5	0561019400	COVER	2				
6	1508710010	PLUG	1				
7	1100040816	BOLT	8				
8	1100041020	BOLT	6				
9	1100041225	BOLT	4				
10	1140020008	WASHER, spring	8				
11	1140020010	WASHER, spring	6				
12	1140020012	WASHER, spring	4				
13	1141110008	WASHER	8				
14	1141110010	WASHER	6				
15	1141110012	WASHER	4				
	M1a010						



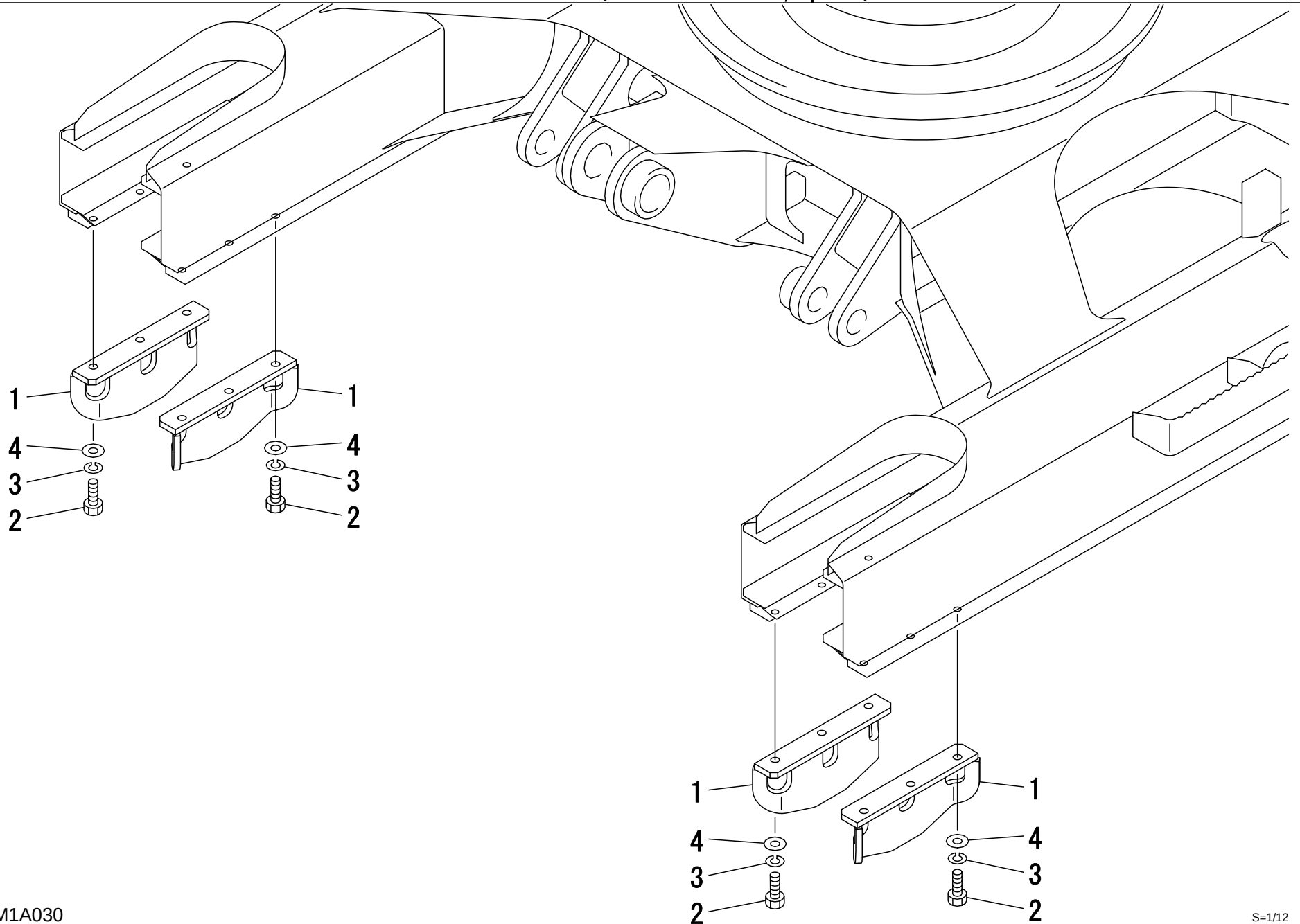
M1A020

Reference M1A020

STEP

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	0561036910	STEP ASSY (550mm shoe)	2				
2	1100041230	BOLT	8				
3	1130040012	NUT	8				
4	1140020012	WASHER, spring	8				
	M1a020						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
CRAWLER GUIDE(for steel crawler; option)



M1A030

Reference M1A030-1

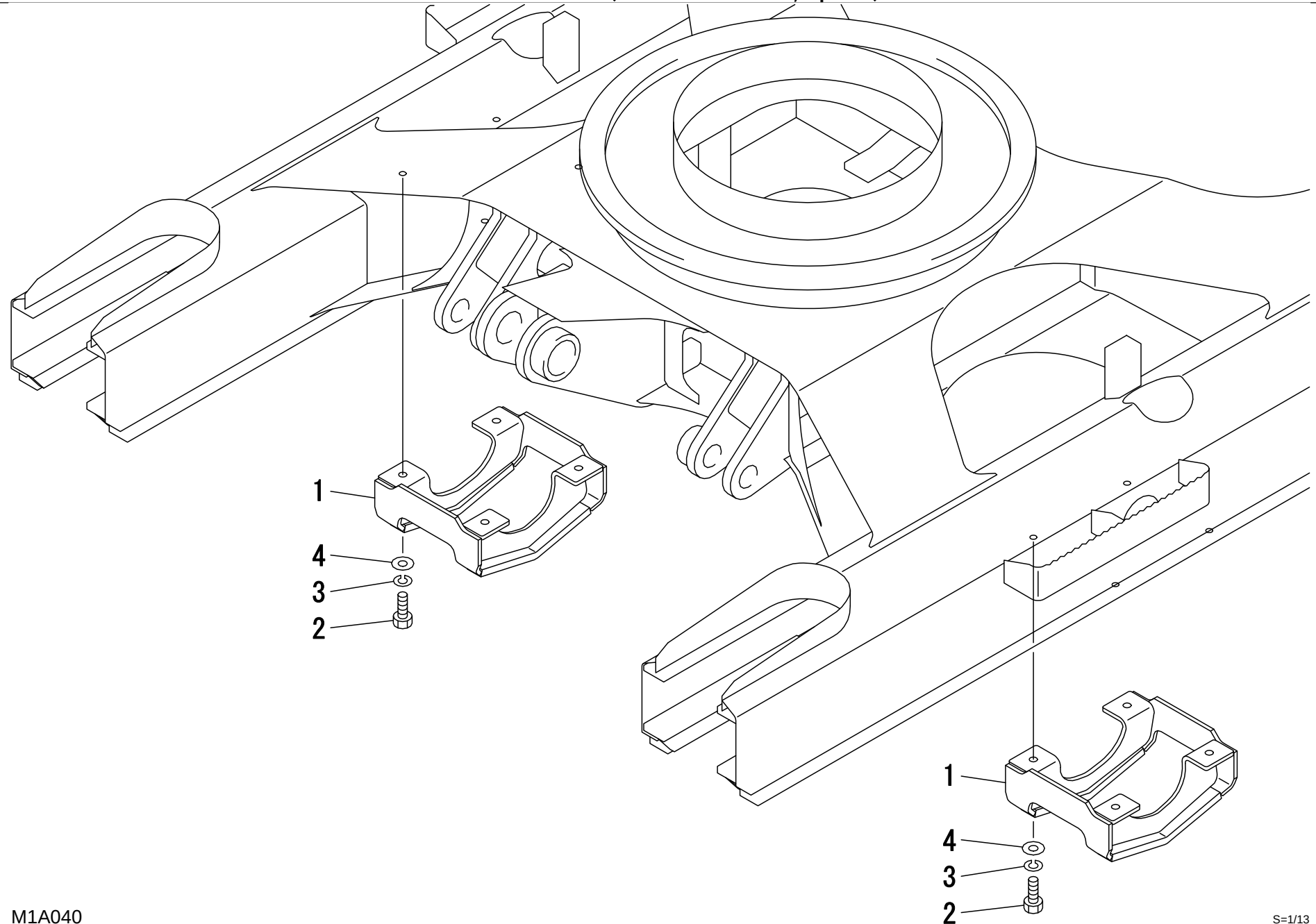
S=1/12

ページ 1-3

CRAWLER GUIDE(for steel crawler; option)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0		GUIDE, crawler					
1	0561700310	GUIDE	4				
2	1101041435	BOLT	12				
3	1140020014	WASHER, spring	12				
4	1141110014	WASHER	12				
	M1a030						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
CENTER GUIDE(for steel crawler; option)



M1A040

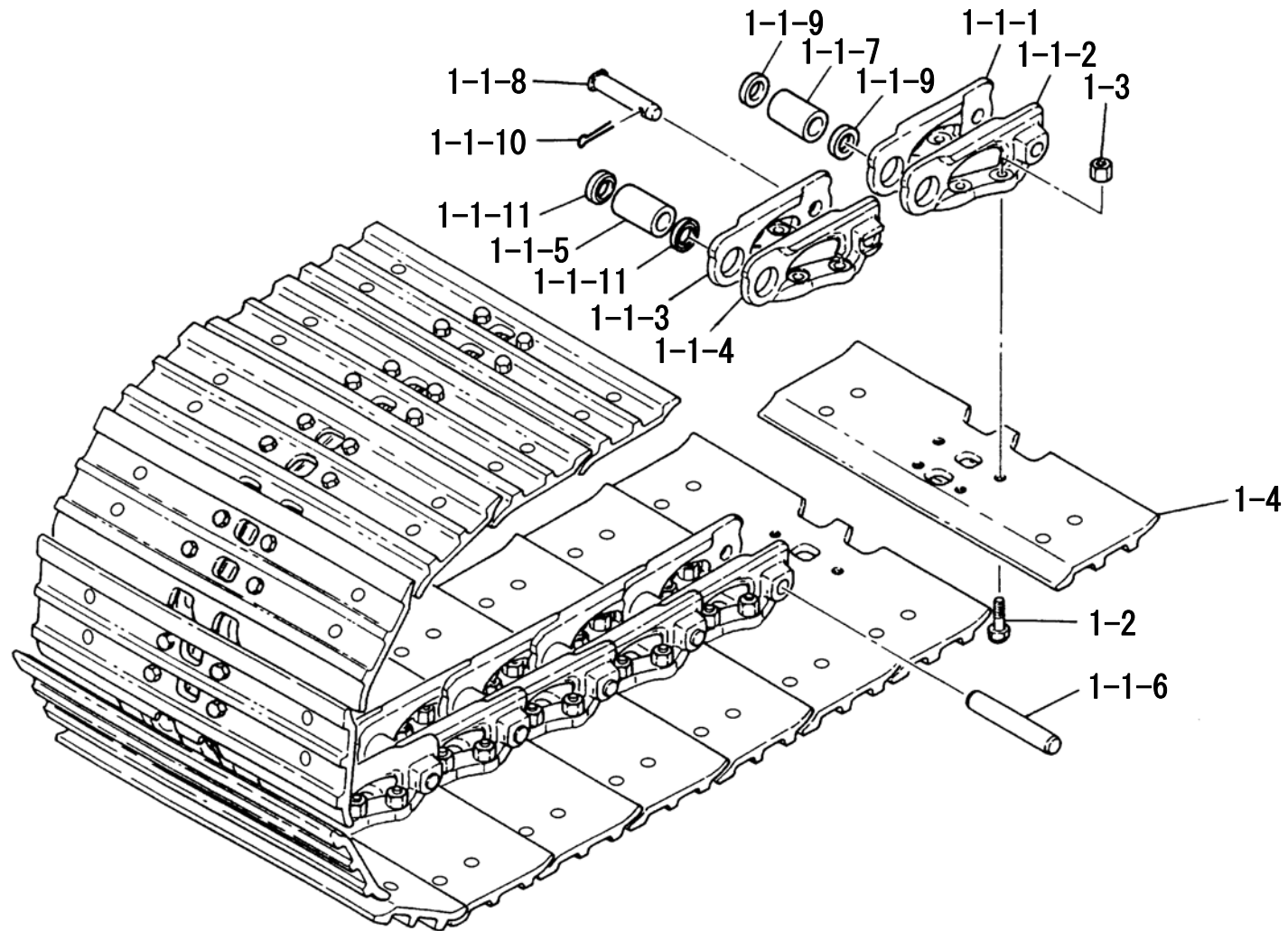
Reference M1A040-1

S=1/13

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CENTER GUIDE(for steel crawler; option)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	0561700410	GUIDE ASSY, center	2				
2	1101041435	GUIDE	8				
3	1140020014	BOLT	8				
4	1141110014	WASHER, spring	8				
	M1a040	WASHER	8				



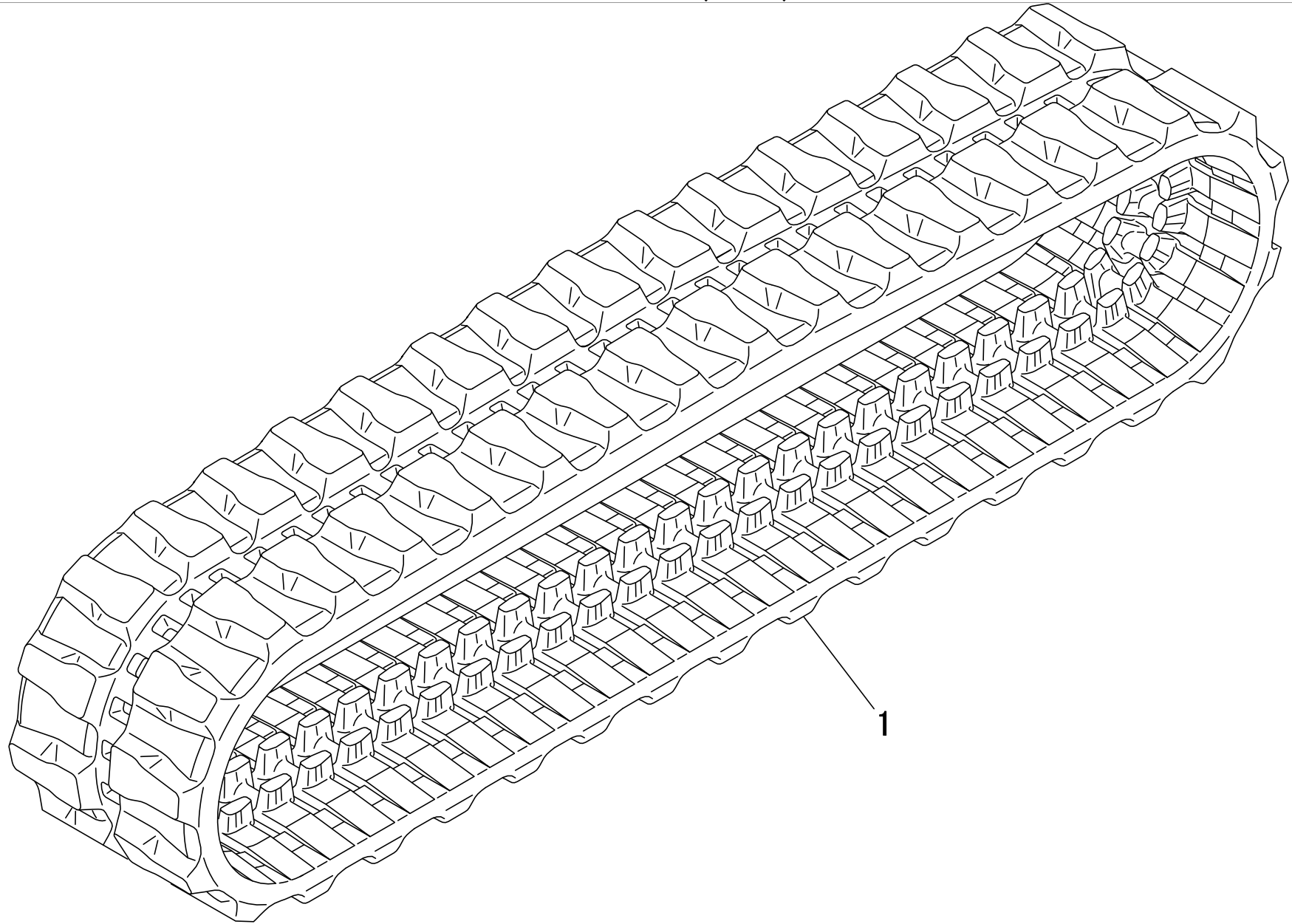
M1A050

S=FREE

CRAWLER BELT (steel)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		BELT ASSY, steel crawler (450mm shoe)					
		BELT ASSY, steel crawler (550mm shoe)					
1	1914087300	BELT, steel crawler (450mm shoe)	2				
	1914088100	BELT, steel crawler (550mm shoe)	2				
1-1	1914087199	• LINK ASSY	2				
1-1-1	1914087001	• • LINK (R.H.)	38				
1-1-2	1914087002	• • LINK (L.H.)	38				
1-1-3	1914087003	• • LINK, master (R.H.)	1				
1-1-4	1914087004	• • LINK, master (L.H.)	1				
1-1-5	1914087005	• • BUSHING	38				
1-1-6	1914087006	• • PIN, track	38				
1-1-7	1914087012	• • BUSHING	1				
1-1-8	1914087007	• • PIN, master	1				
1-1-9	1914087013	• • COLLAR	2				
1-1-10	1914087014	• • PIN, split	1				
1-1-11	1914087015	• • SEAL	76				
1-2	1914087009	• BOLT	156				
1-3	1914087010	• NUT	156				
1-4	1914087311	• PLATE	39				450mm shoe
	1914088011	• PLATE	39				550mm shoe
	M1a050						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
CRAWLER BELT (rubber)



M1A060

Reference M1A060

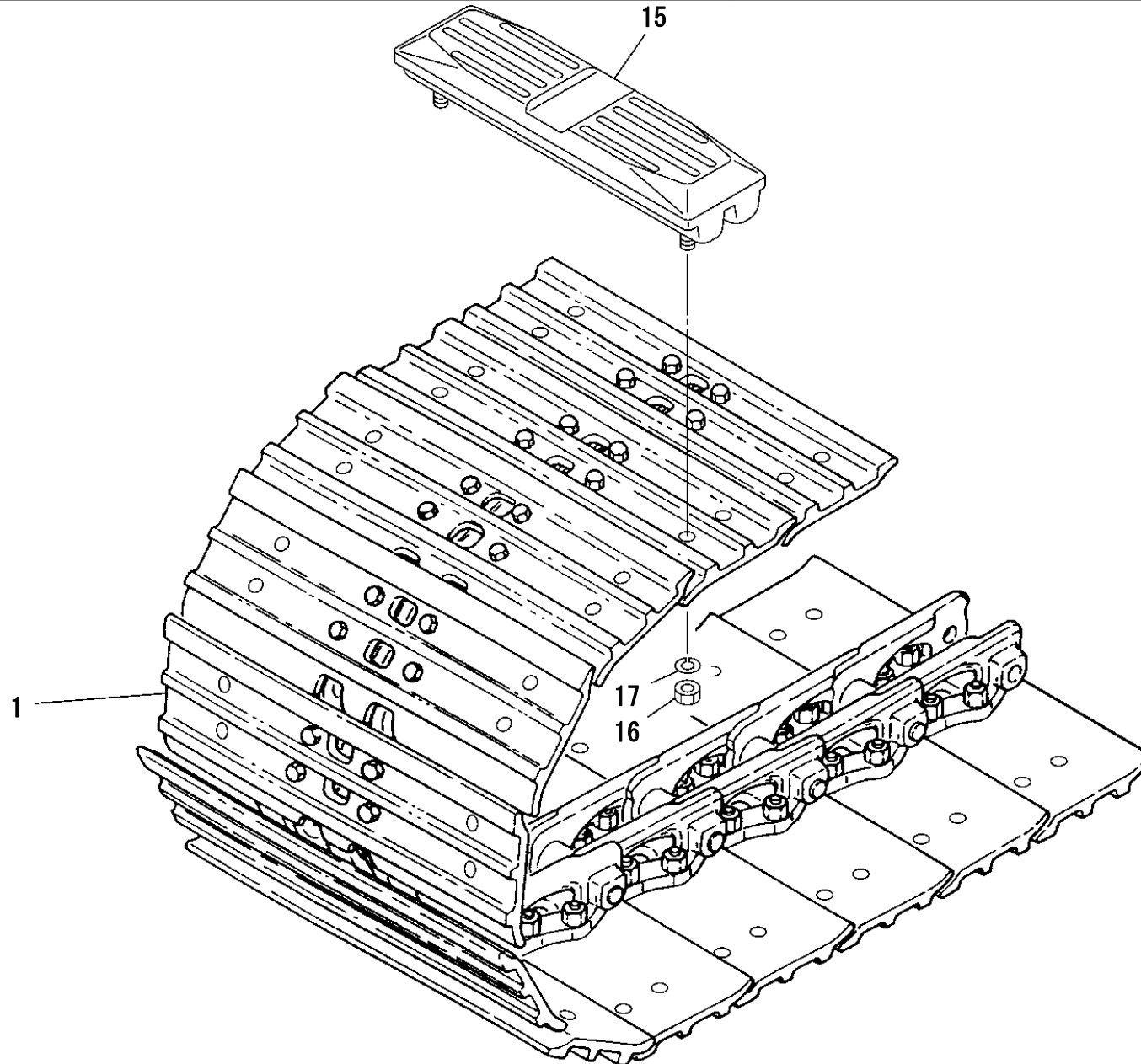
S=FREE

ページ 1-6

CRAWLER BELT (rubber)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	1914086510 M1a060	BELT ASSY, rubber crawler BELT, rubber crawler	2				

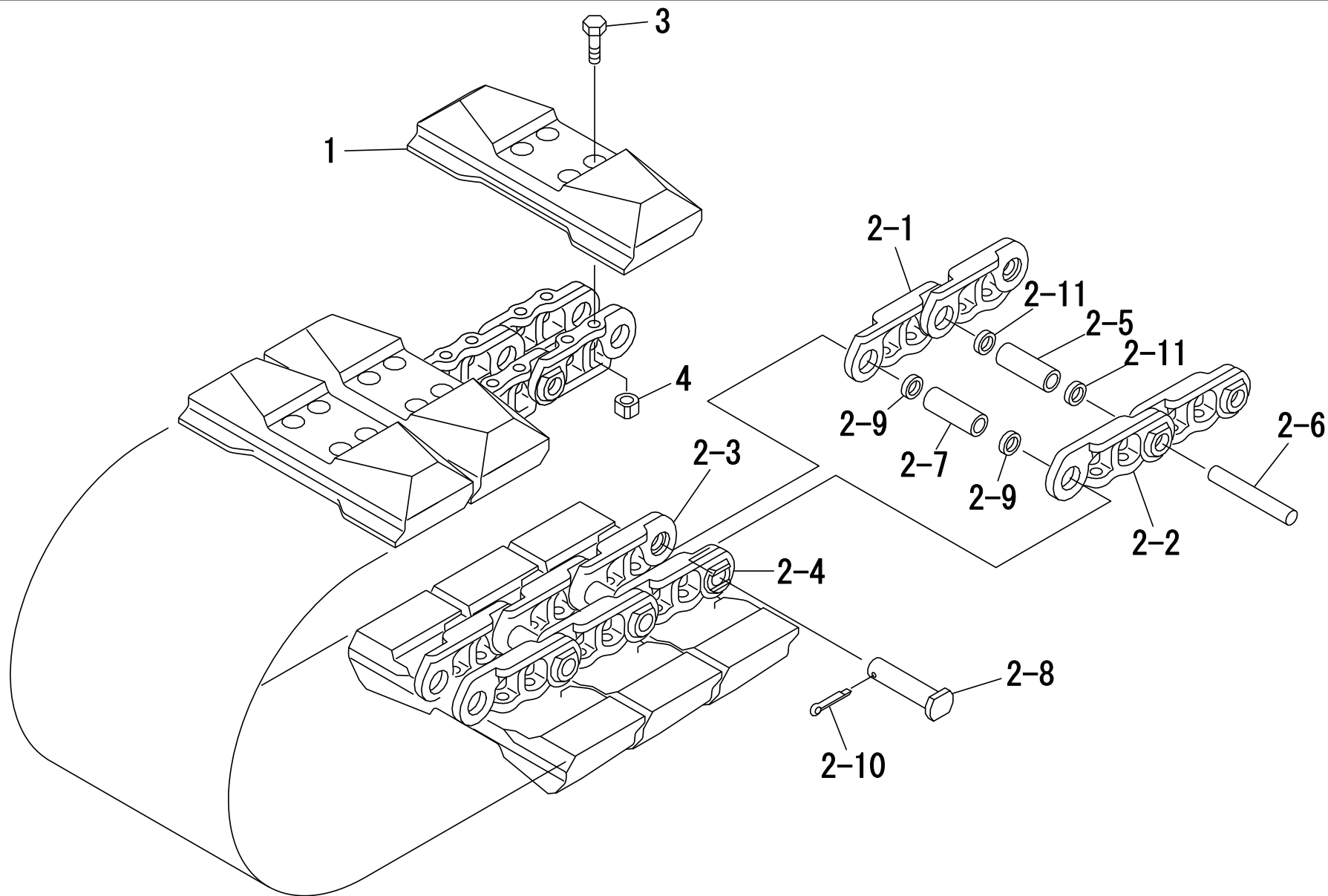
TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
CRAWLER BELT (with rubber pads)



CRAWLER BELT (with rubber pads)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1914087400	BELT ASSY, steel crawler (with rubber pads)	2				
1	1914087300	• BELT, steel crawler	1				
15	1914400600	• PAD, rubber	39				
16	1130050014	• • NUT	4				
17	1140010014	• • WASHER, spring	4				
	L7a110						

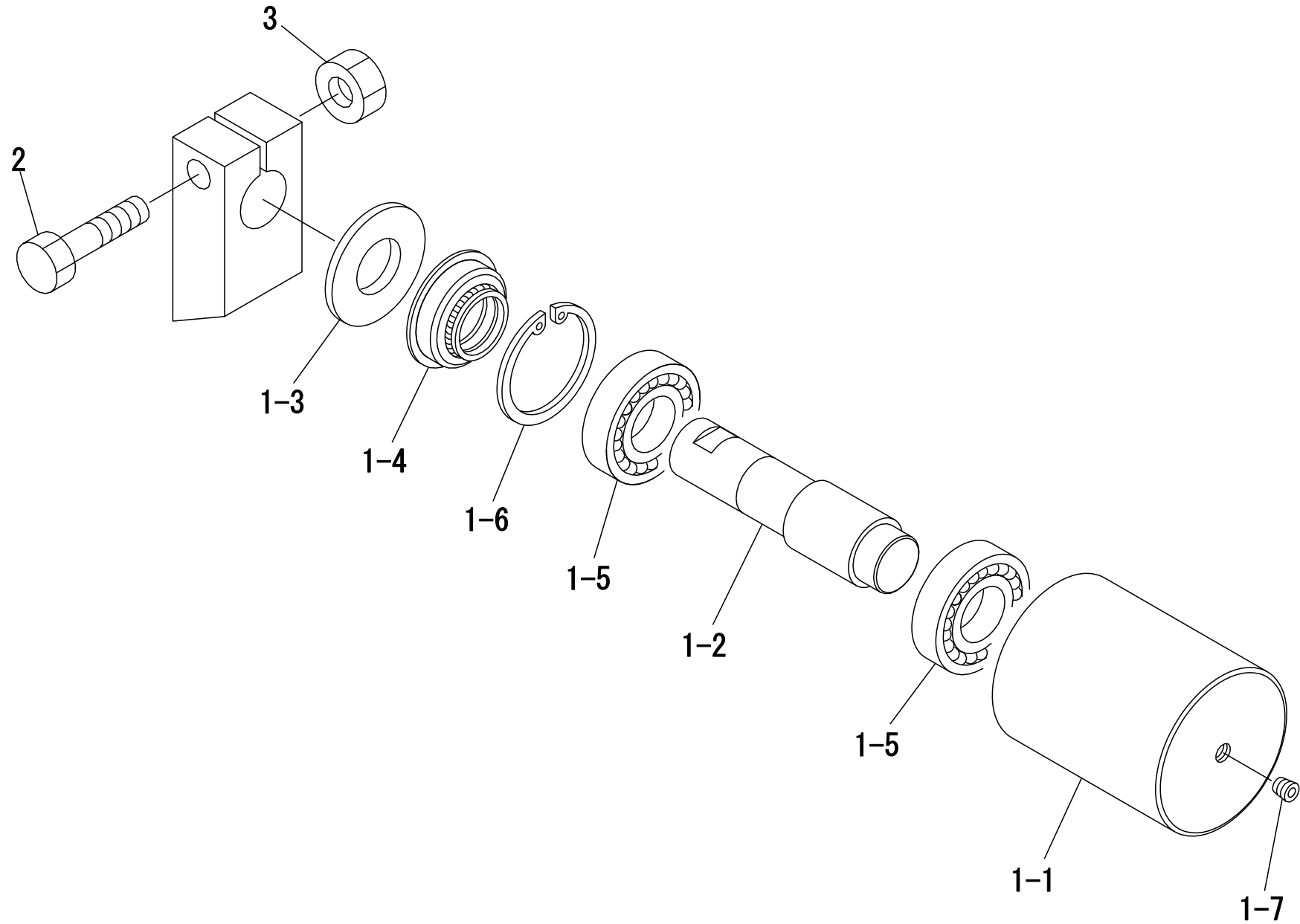
TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
CRAWLER BELT (segment rubber crawler)



CRAWLER BELT (segment rubber crawler)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		BELT, segment rubber crawler					
1	1914401100	PAD, rubber	78				
2	1914087199	LINK ASSY	2				
2-1	1914087001	• LINK (R.H.)	38				
2-2	1914087002	• LINK (L.H.)	38				
2-3	1914087003	• LINK, master (R.H.)	1				
2-4	1914087004	• LINK, master (L.H.)	1				
2-5	1914087005	• BUSHING	38				
2-6	1914087006	• PIN, track	38				
2-7	1914087012	• BUSHING	1				
2-8	1914087007	• PIN, master	1				
2-9	1914087013	• COLLAR	2				
2-10	1914087014	• PIN, split	1				
2-11	1914087015	• SEAL	76				
3	1914087009	BOLT	312				
4	1914087010	NUT	312				
	M1a070						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
CARRIER ROLLER



M1A080

Reference M1A080

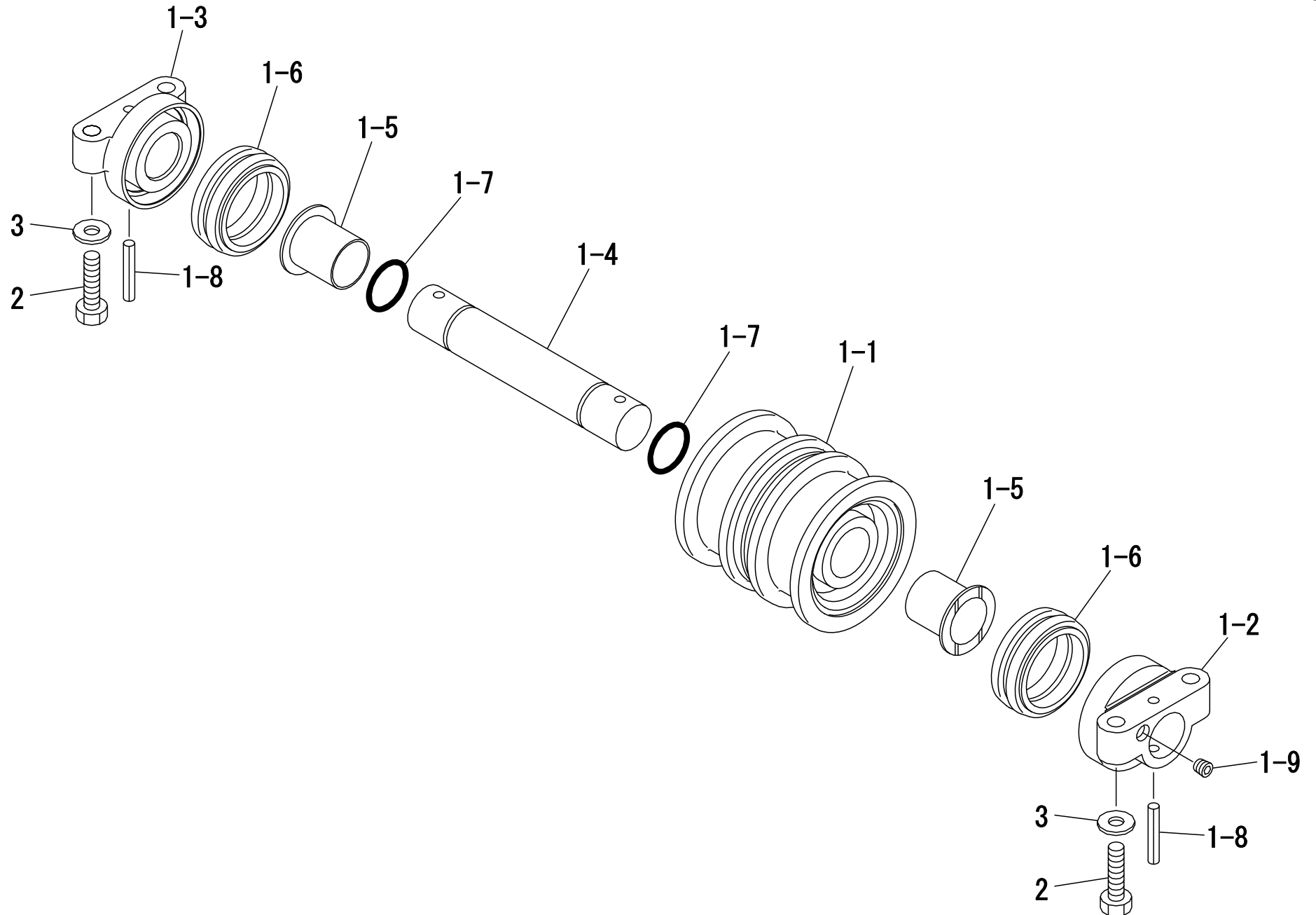
S=1/4

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CARRIER ROLLER

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	0561205100	ROLLER ASSY, carrier	2				
1-1	0561202100	· ROLLER	1				
1-2	0561205120	· SHAFT	1				
1-3	0561202200	· COVER	1				
1-4	1431203572	· SEAL	1				
1-5	1300006207	· BEARING	2				
1-6	1221000072	· RING, snap	1				
1-7	1501820001	· PLUG	1				
2	1101041675	BOLT	2				
3	1130540016	NUT	2				
	M1a080						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
TRACK ROLLER



M1A090

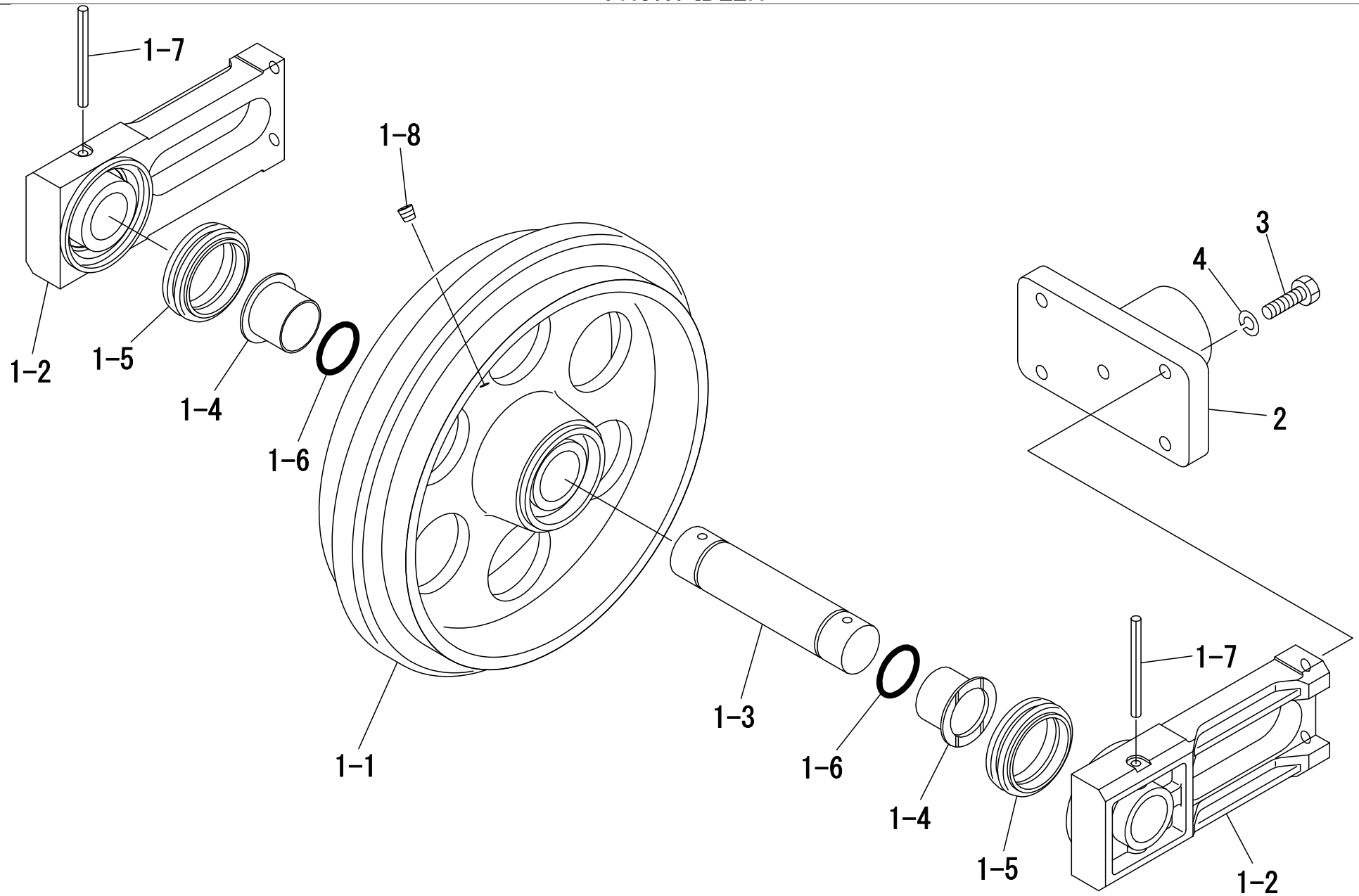
Reference M1A090

S=1/6

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TRACK ROLLER

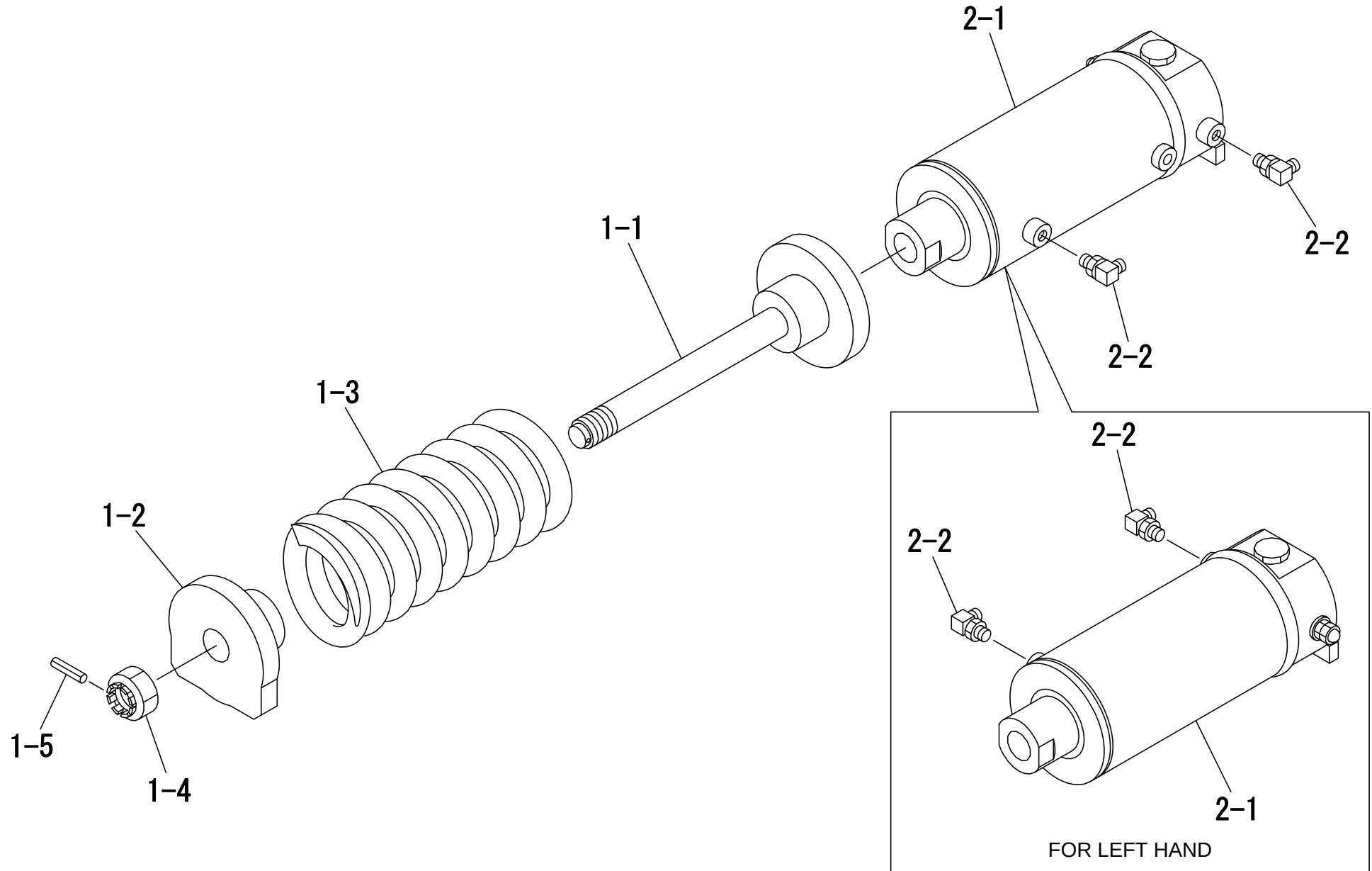
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		ROLLER ASSY, track					
1	0561310100	ROLLER SUB ASSY, track	10				
1-1	0561310110	· ROLLER	1				
1-2	0561310120	· COVER	1				
1-3	0561310130	· COVER	1				
1-4	0561310140	· SHAFT	1				
1-5	0561310150	· BUSHING	2				
1-6	1432500730	· SEAL, floating	2				
1-7	1420100400	· O-RING	2				
1-8	1213001060	· PIN, spring	2				
1-9	1501820001	· PLUG	1				
2	1101041455	BOLT	40				
3	1141550014	WASHER	40				
	M1a090						



FRONT IDLER

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		IDLER ASSY, front					
1	0561403100	IDLER SUB ASSY, front	2				
1-1	0561403110	· IDLER	1				
1-2	0561403130	· BLOCK	2				
1-3	0561402130	· SHAFT	1				
1-4	0561402140	· BUSHING	2				
1-5	1432500800	· SEAL, floating	2				
1-6	1420100500	· O-RING	2				
1-7	1213101020	· PIN, spring	2				
1-8	1501820001	· PLUG	1				
2	0561402010	PLATE	2				
3	1101041450	BOLT	8				
4	1140020014	WASHER, spring	8				
	M1a100						

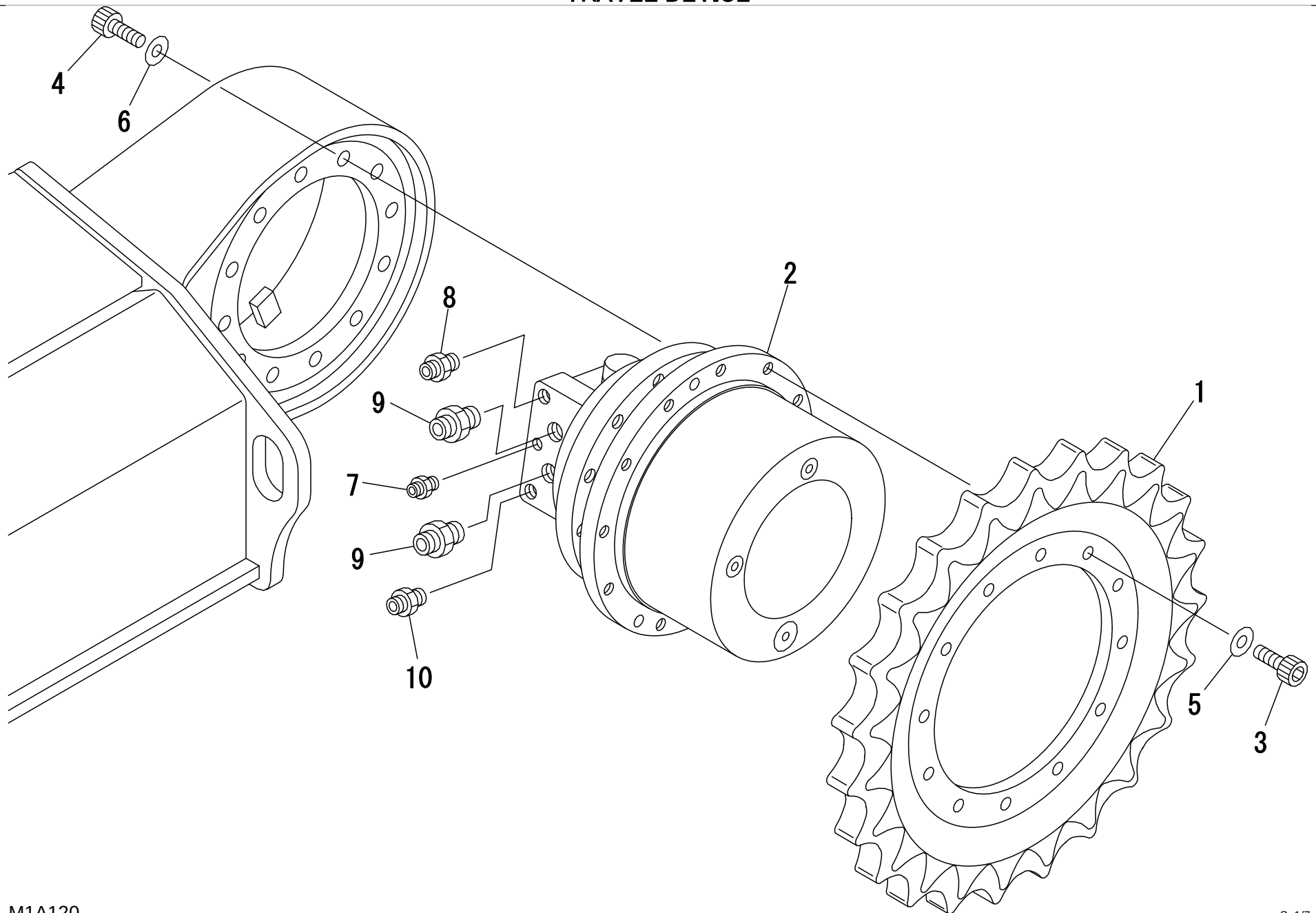
TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
TRACK ADJUSTER



TRACK ADJUSTER

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		SPRING ASSY (R.H.)					
		SPRING ASSY (L.H.)					
1	0561504100	SPRING ASSY	2				
1-1	0561504110	• ROD	1				
1-2	0561504120	• PLATE	1				
1-3	0007000121	• SPRING	1				
1-4	1132530033	• NUT	1				
1-5	1213000650	• PIN, spring	1				
2	0561505520	CYLINDER ASSY (R.H.)	1				
	0561505620	CYLINDER ASSY (L.H.)	1				
2-1	1900110200	• CYLINDER, tensioning (R.H.)	1				
	1900110300	• CYLINDER, tensioning (L.H.)	1				
2-2	1515012040	• ELBOW	2				
	1420010110	• • O-RING	1				
	M1a110						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
TRAVEL DEVICE



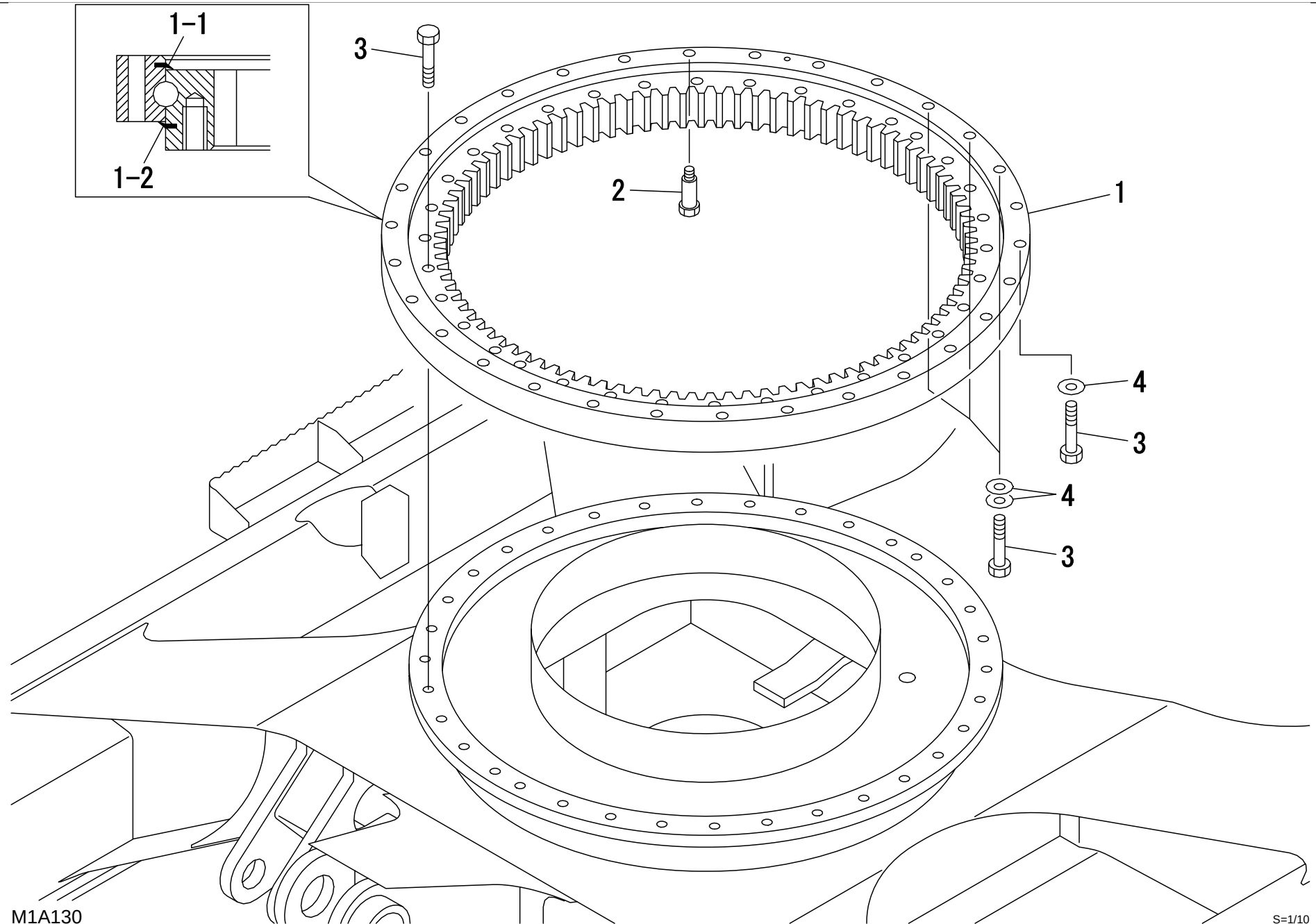
M1A120

Reference M1A120

TRAVEL DEVICE

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	0561614100	MOTOR ASSY, travel	2				
2	1903127100	SPROCKET	2				
3	1110021440	MOTOR, travel	2				
4	1110021645	SCREW, cap	24				
5	1141550014	SCREW, cap	24				
6	1141550016	WASHER	24				
7	1515600200	WASHER	24				
	1420010110	ADAPTOR	2				
		· O-RING	1				
8	1515600201	ADAPTOR	2				
	1420010140	· O-RING	1				
9	1515600202	ADAPTOR	4				
	1420010180	· O-RING	1				
10	1515600576	ADAPTOR	2				
	1420010140	· O-RING	1				
	M1a120						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
SLEW BEARING



M1A130

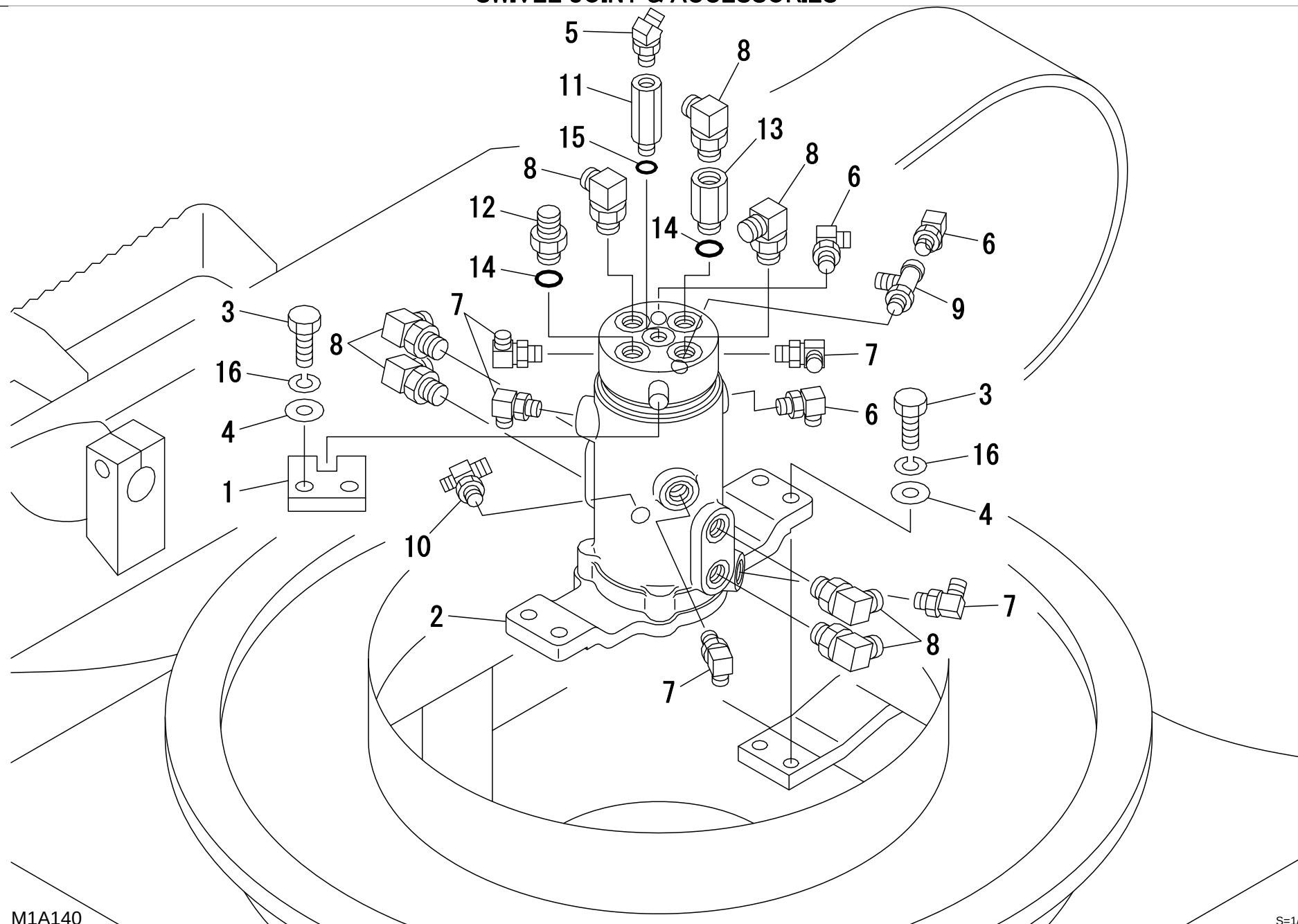
Reference M1A130

S=1/10

SLEW BEARING

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		BEARING ASSY, slew					
1	1913005450	BEARING	1				
1-1	1913005458	· SEAL	1				
1-2	1913005459	· SEAL	1				
2	0562016100	BOLT	1				
3	1101041685	BOLT	63				
4	1141550016	WASHER	32				
	M1a130						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
SWIVEL JOINT & ACCESSORIES



M1A140

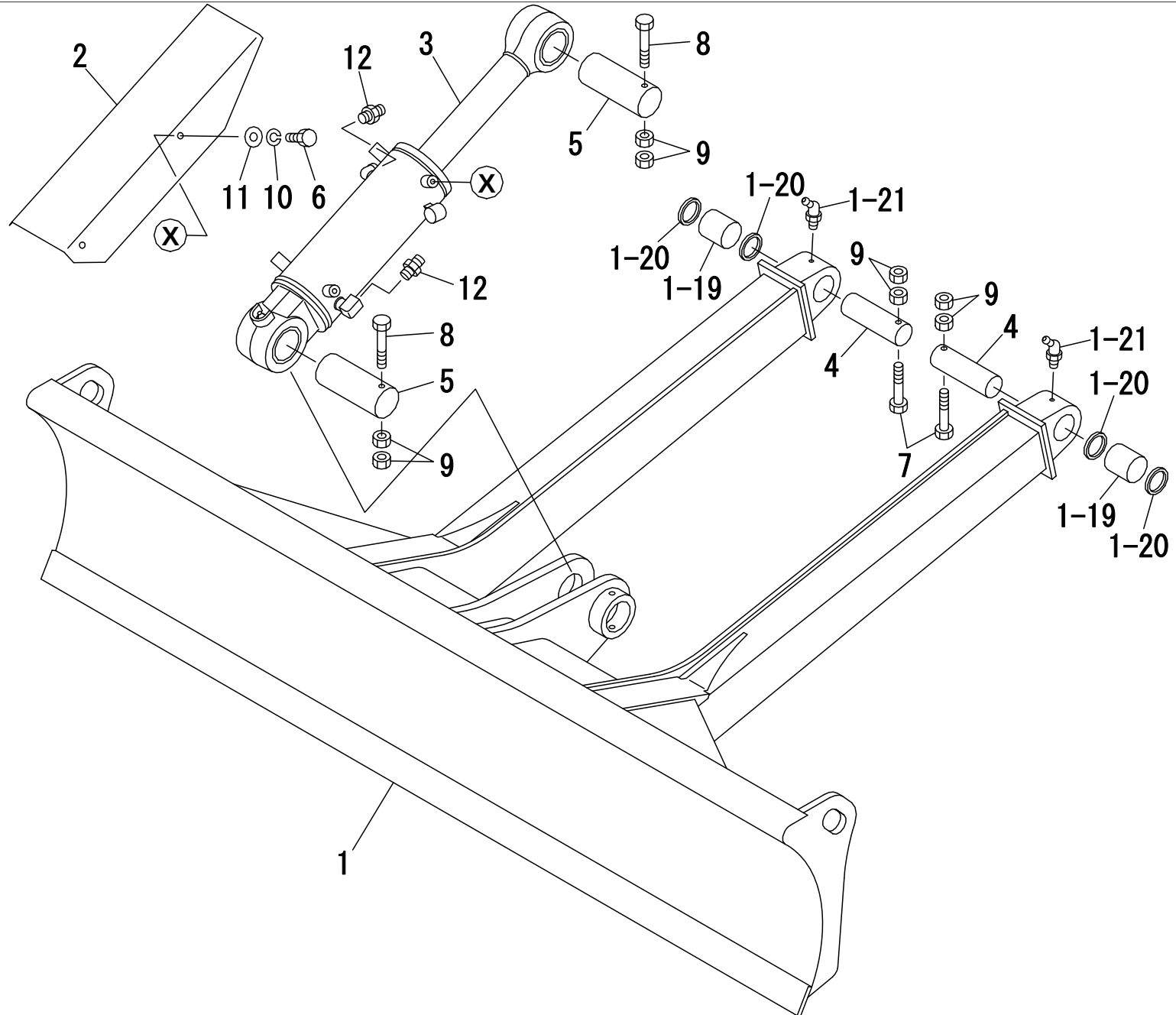
Reference M1A140

S=1/6

SWIVEL JOINT & ACCESSORIES

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		JOINT ASSY, swivel					
1	0562100100	STOPPER	1				
2	1904008000	JOINT, swivel	1				
3	1101041440	BOLT	6				
4	1141110014	WASHER	6				
5	1515100111	ELBOW	1				
	1420010140	· O-RING	1				
6	1515012040	ELBOW	3				
	1420010110	· O-RING	1				
7	1515010041	ELBOW	5				
	1420010140	· O-RING	1				
8	1515010042	ELBOW	7				
	1420010180	· O-RING	1				
9	1512340001	TEE	1				
	1420010110	· O-RING	1				
10	1512374003	NIPPLE	1				
	1420010140	· O-RING	1				
11	0007213014	BUSHING	1				
12	0007203033	ADAPTOR	1				
13	0007213011	BUSHING	1				
	1420010180	· O-RING	1				
14	1420010180	O-RING	2				
15	1420010140	O-RING	1				
16	1140020014	WASHER, spring	6				
	M1a140						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
DOZER BLADE



M1A160

Reference M1A160

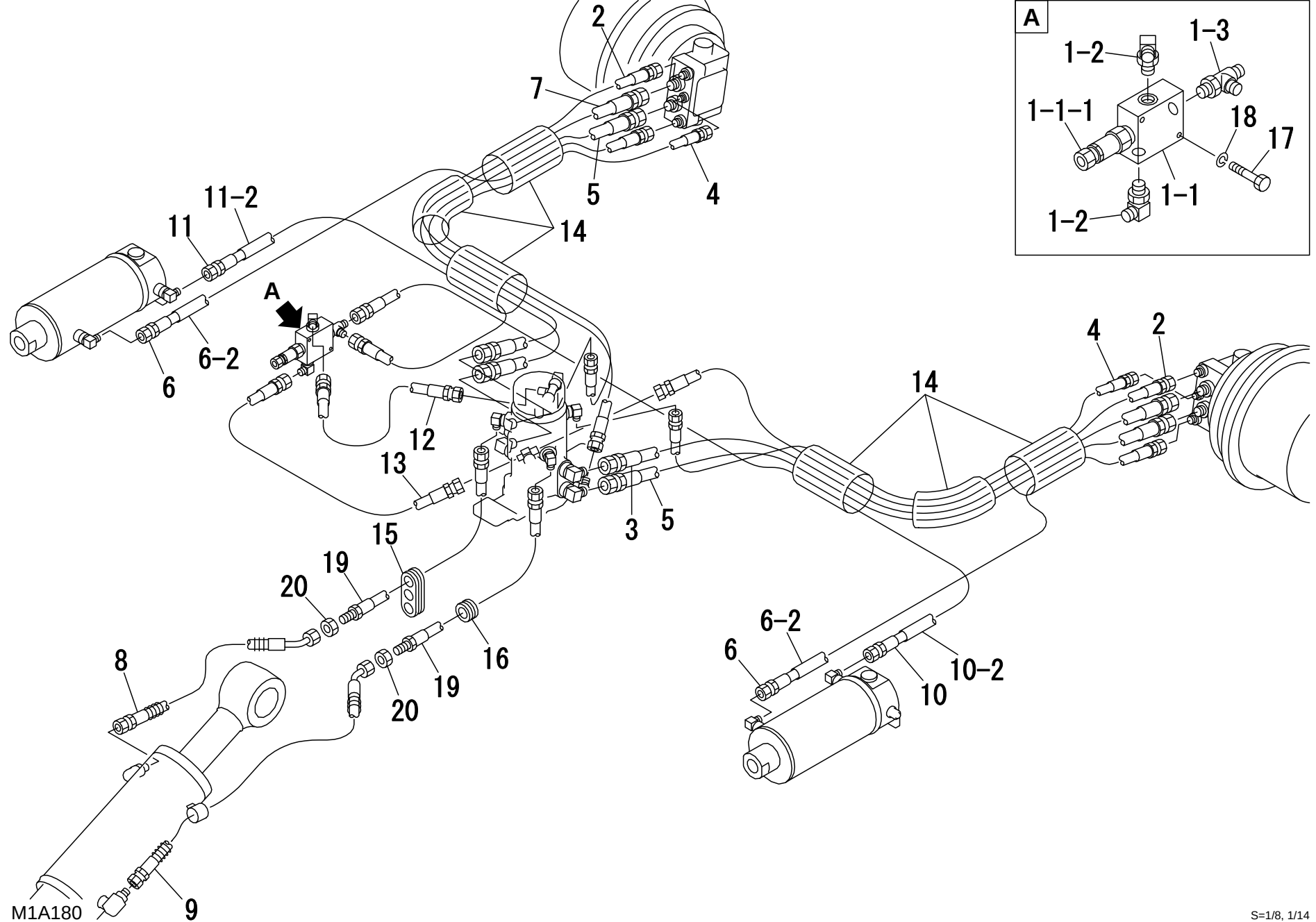
S=1/15

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DOZER BLADE

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		BLADE ASSY, dozer					
		BLADE ASSY, wide dozer					
1	0566328500	BLADE SUB ASSY, dozer	1				2200mm wide
	0566335100	BLADE SUB ASSY, wide dozer	1				2300mm wide
1-19	0002200016	· BUSHING	2				
1-20	1432200050	· SEAL, dust	4				
1-21	1560000321	· FITTING, grease	2				
2	0566329030	COVER	1				
3	1900111100	CYLINDER, dozer blade	1				
4	0001615003	PIN	2				
5	0001619002	PIN	2				
6	1100041020	BOLT	4				
7	1101141200	BOLT	2				
8	1101141230	BOLT	2				
9	1130540012	NUT	8				
10	1140020010	WASHER, spring	4				
11	1141110010	WASHER	4				
12	1515600201	ADAPTOR	2				
	1420010140	· O-RING	1				
	M1a160						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
PIPING; LOWER



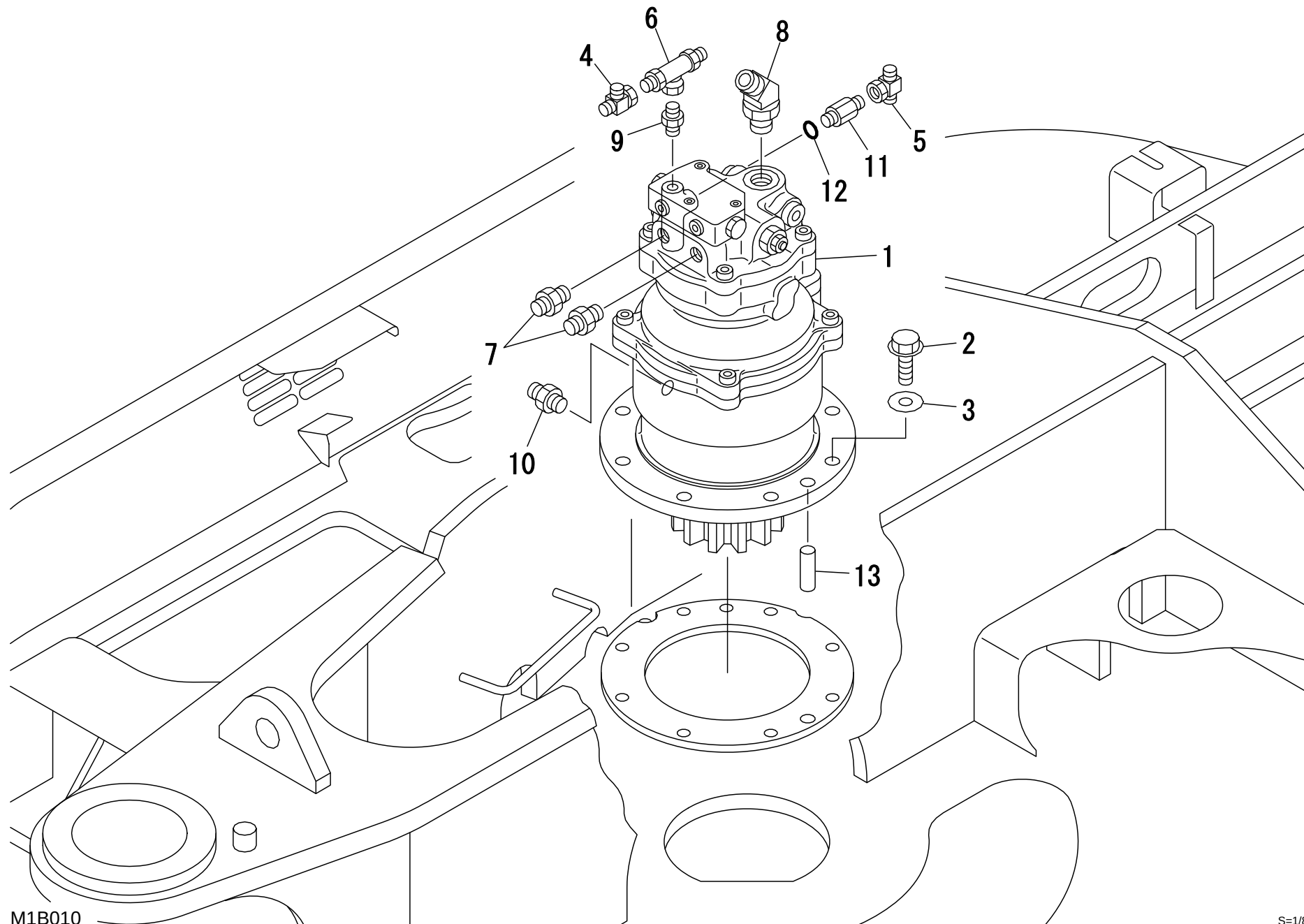
M1A180

Reference M1A180

PIPING; LOWER

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		PIPING ASSY, lower (rubber crawler belt)					
		PIPING ASSY, lower (steel crawler belt)					
1	0567227100	VALVE ASSY, reducing	1				rubber crawler belt
	0567227200	VALVE ASSY, reducing	1				steel crawler belt
1-1	1901758400	• VALVE, reducing	1				rubber crawler belt
	1901759300	• VALVE, reducing	1				steel crawler belt
1-1-1	1901758402	• • VALVE, reducing	1				rubber crawler belt
	1901759302	• • VALVE, reducing	1				steel crawler belt
1-2	1515012040	• ELBOW	2				
	1420010110	• • O-RING	1				
1-3	1512370011	• TEE	1				
	1420010110	• • O-RING	1				
2	1801023148	HOSE ASSY	2				
3	0567227010	HOSE ASSY	1				18045-40140
4	1801022148	HOSE ASSY	2				
5	1804540140	HOSE ASSY	2				
6	0567223020	HOSE ASSY	2				18010-22142
6-2	1532206050	• PROTECTOR	1				sold by the meter
7	0567227030	HOSE ASSY	1				18045-40140
8	1804622085	HOSE ASSY	1				
9	1804622110	HOSE ASSY	1				
10	0567223060	HOSE ASSY	1				18010-22185
10-2	1532206050	• PROTECTOR	1				sold by the meter
11	0567223070	HOSE ASSY	1				18010-22140
11-2	1532206050	• PROTECTOR	1				sold by the meter
12	0567223080	HOSE ASSY	1				18010-22042
13	1801022040	HOSE ASSY	1				
14	1531360020	PROTECTOR	6				sold by the meter
15	0097022400	GUARD	1				
16	0437200100	GUARD	1				
17	1100040645	BOLT	2				
18	1140020006	WASHER, spring	2				
19	0567225110	HOSE ASSY	2				
20	0007200154	NUT	2				
	M1a180						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
SLEWING DEVICE



M1B010

Reference M1B010

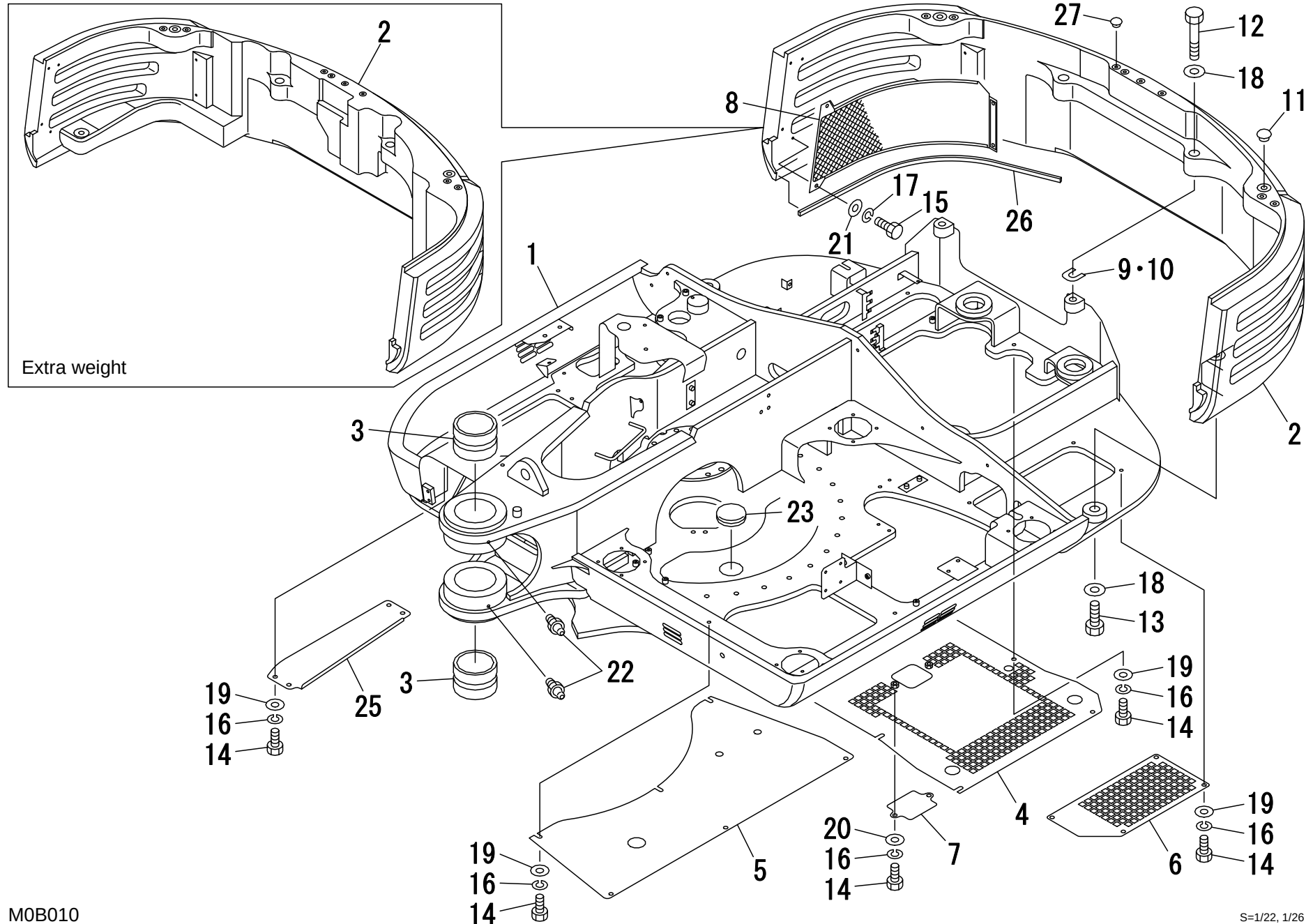
S=1/8

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SLEWING DEVICE

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		DEVICE ASSY, slewing					
1	1903130100	MOTOR, slew	1				
2	1106241650	BOLT	8				
3	1141550016	WASHER	8				
4	1513390015	TEE	1				
5	1513390038	TEE	1				
	1420010110	· O-RING	1				
6	1901754100	VALVE, shuttle	1				
7	1515600202	ADAPTOR	2				
	1420010180	· O-RING	1				
8	1515100113	ELBOW	1				
	1420010240	· O-RING	1				
9	1515600200	ADAPTOR	1				
	1420010110	· O-RING	1				
10	1515600201	ADAPTOR	1				
	1420010140	· O-RING	1				
11	0007203078	ADAPTOR	1				
12	1420010110	O-RING	1				
13	0562313100	PIN, parallel	1				
	M1b010						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
TURNTABLE



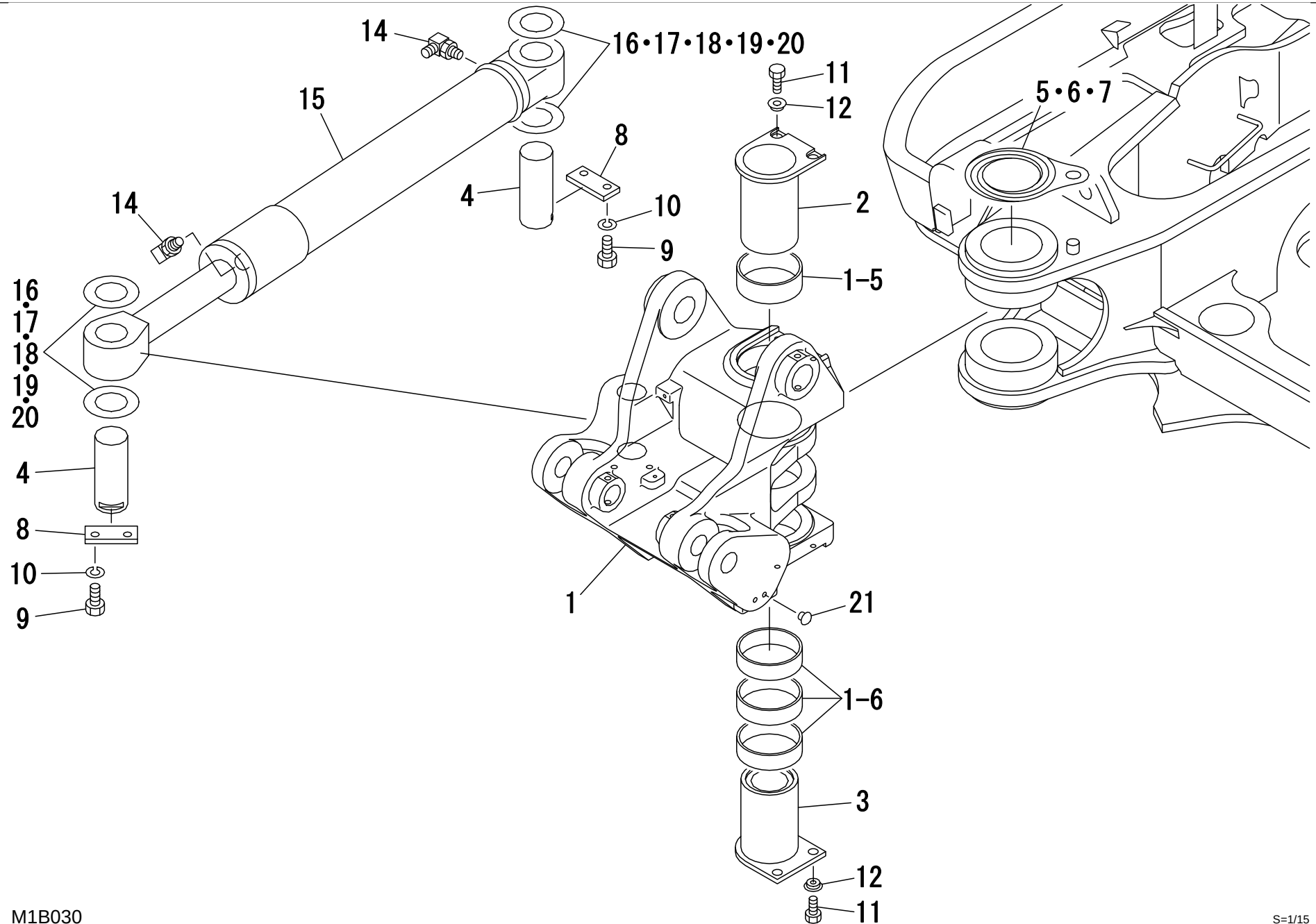
M0B010

Reference M0B010

S=1/22, 1/26

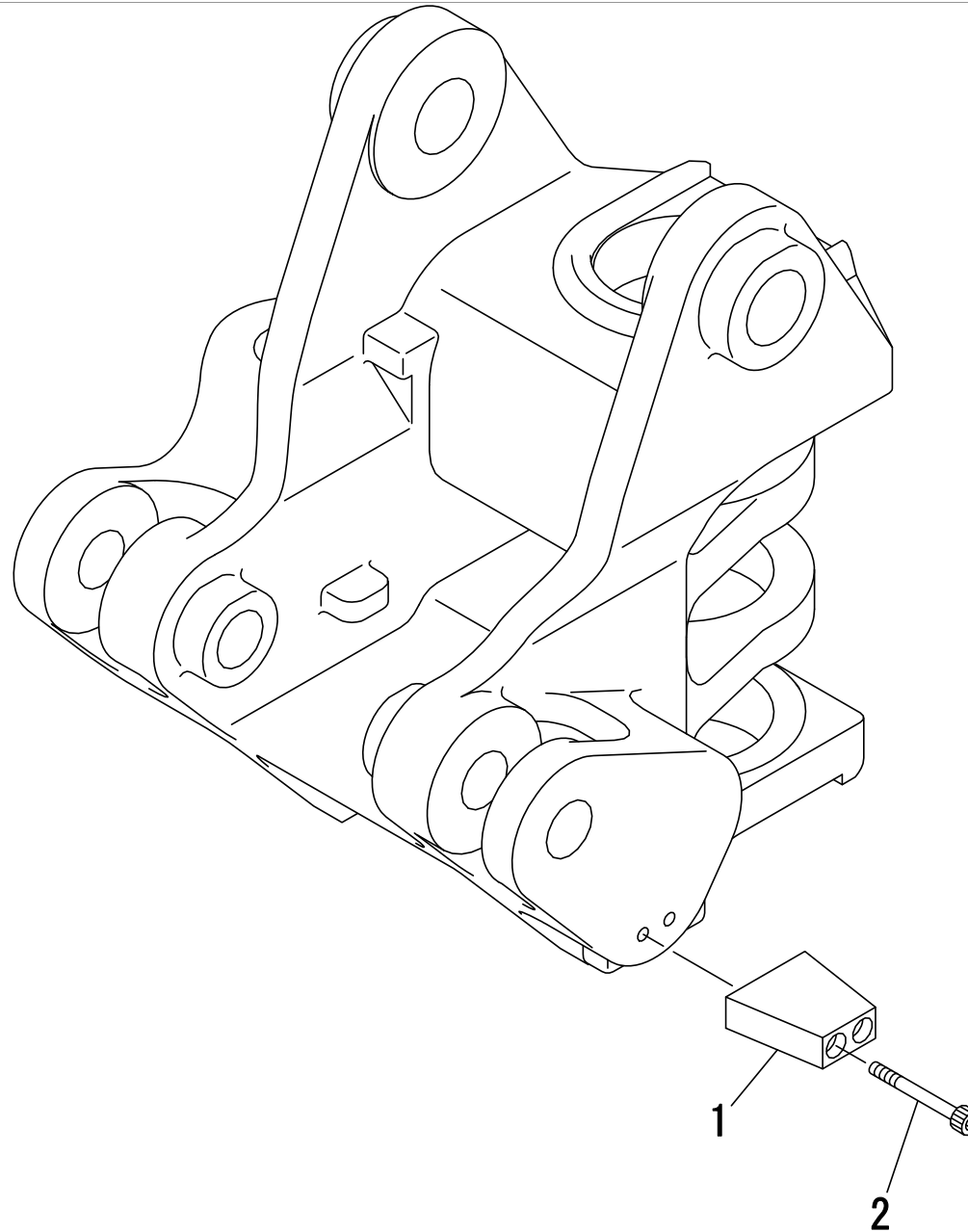
ページ 2-2

						TURNTABLE
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
		TURNTABLE ASSY				
		TURNTABLE ASSY (extra weight)				
1	X *****	TURNTABLE	1			
2	0563056700	COUNTERWEIGHT	1			
	0563056800	COUNTERWEIGHT	1			extra weight
3	0563053003	BUSHING	2			
4	0563056350	COVER	1			
5	0563056005	COVER	1			
6	0563053006	COVER	1			
7	0563053007	COVER	1			
8	0563056260	NET	1			
9	0003600295	SHIM	AR			t=1.2mm
10	0003600296	SHIM	AR			t=2.3mm
11	1652533001	CAP	1			
12	1101342420	BOLT	2			
13	1101242470	BOLT	2			
14	1101041225	BOLT	22			
15	1100040820	BOLT	4			
16	1140020012	WASHER, spring	22			
17	1140020008	WASHER, spring	4			
18	0003600235	WASHER	4			
19	0003600024	WASHER	20			
20	1141110012	WASHER	2			
21	1141110008	WASHER	4			
22	1560001000	FITTING, grease	2			
23	1652030012	GROMMET	1			
25	0563053025	COVER	1			
26	1654352100	SPONGE	1			sold by the meter
27	1652533017	CAP	1			
	M0b010					



BOOM SWING

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		SWING ASSY, boom					
1	0563137100	BRACKET	1				
1-5	0563137105	· BUSHING	1				
1-6	0563137106	· BUSHING	3				
2	0563137020	PIN	1				Φ 130
3	0563137030	PIN	1				Φ 130
4	0563137040	PIN	1				Φ 75
5	0563137005	WASHER	AR				t=4.5mm
6	0563137006	WASHER	AR				t=5.0mm
7	0563137007	WASHER	AR				t=5.5mm
8	0563114300	PLATE	2				
9	1101041435	BOLT	4				
10	1140020014	WASHER, spring	4				
11	1101041230	BOLT	4				
12	0003900081	WASHER	4				
14	1515010051	ELBOW	2				
	1420010180	· O-RING	1				
15	1900110000	CYLINDER, swing	1				
16	0003600148	SHIM	AR				t=2.9mm
17	0003600104	SHIM	AR				t=1.6mm
18	0003600103	SHIM	AR				t=1.0mm
19	0003600102	SHIM	AR				t=0.5mm
20	0003600101	SHIM	AR				t=0.2mm
21	1652533018	CAP	2				
	M1b030						



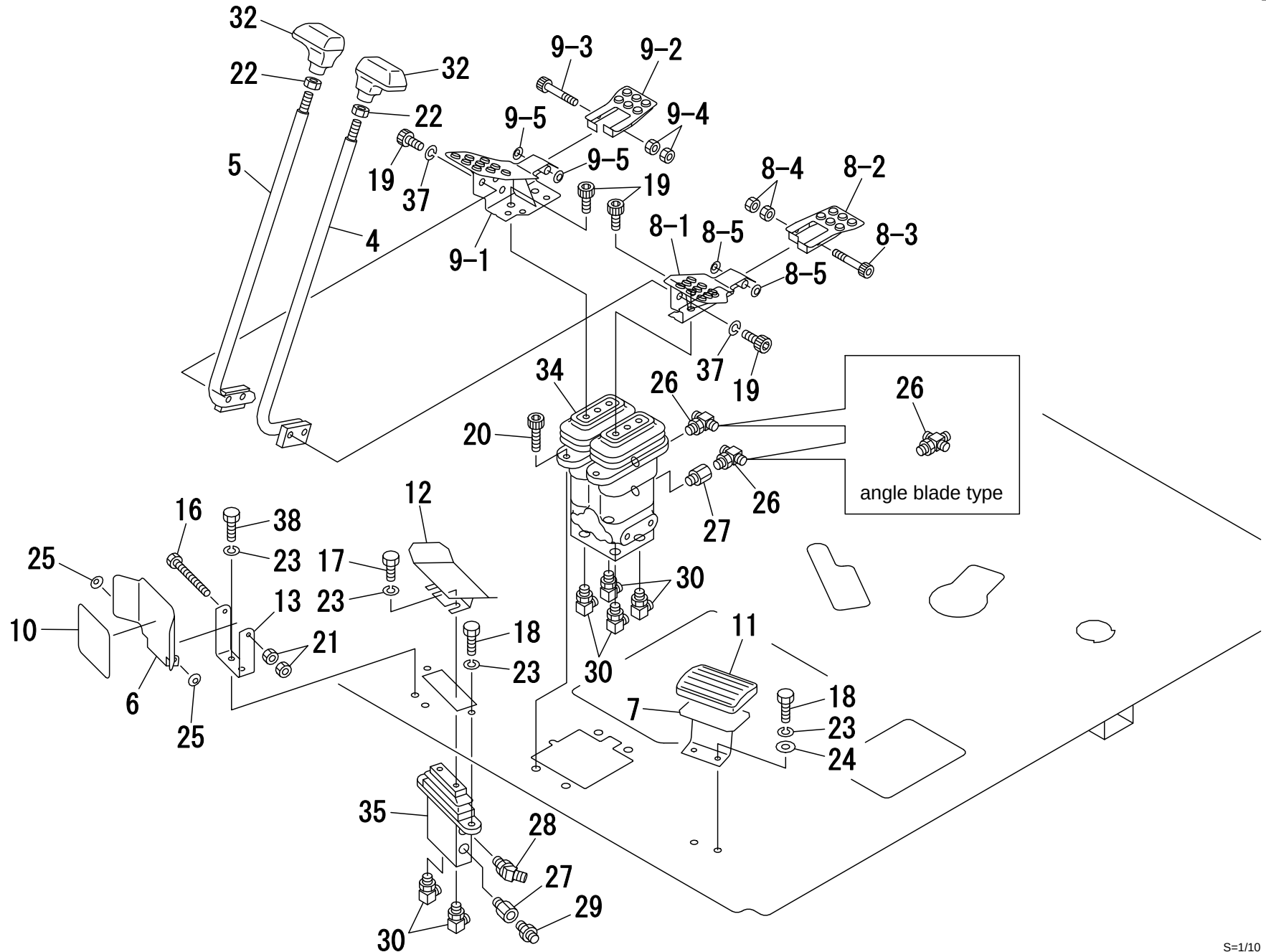
M1B040

Reference M1B040

SWING STOPPER

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	0563900100	STOPPER ASSY, swing	1				
2	1111141200	PLATE	2				
	M1b040	SCREW, cap					

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
TRAVEL LEVER & SWING PEDAL



M1B051

Reference M1B051

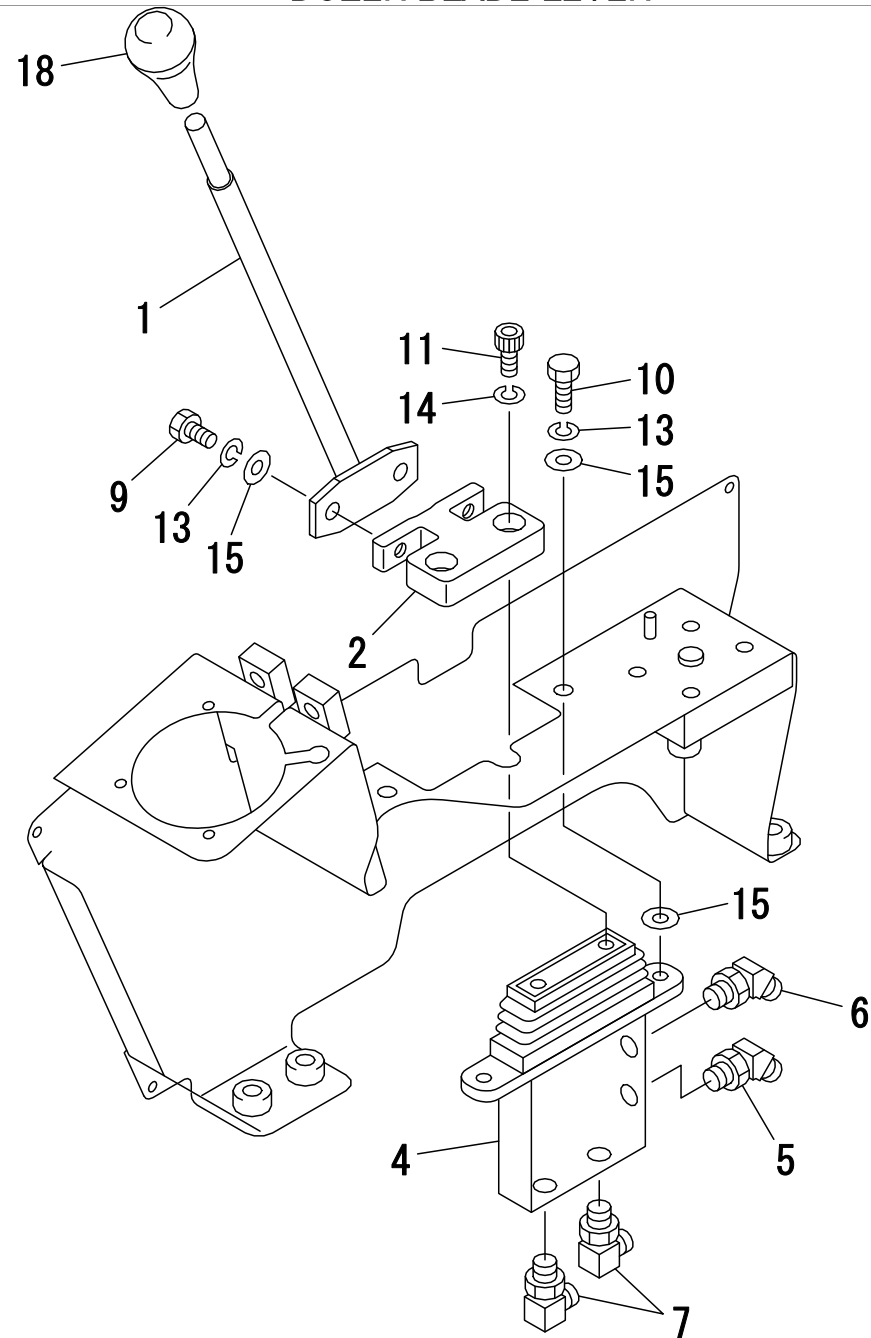
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TRAVEL LEVER & SWING PEDAL

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		LEVER ASSY, control					
		LEVER ASSY, control (angle blade type)					
4	0373208670	LEVER (L.H.)	1				
5	0373208680	LEVER (R.H.)	1				
6	0333234260	COVER	1				
7	0563219700	REST, foot	1				
8	0563231540	PEDAL ASSY (L.H.)	1				
8-1	0563231550	· PEDAL (L.H.)	1				
8-2	0373208630	· PEDAL (L.H.)	1				
8-3	1110040655	· SCREW, cap	1				
8-4	1130040006	· NUT	2				
8-5	1225110006	· WASHER, conical	2				
9	0563231560	PEDAL ASSY (R.H.)	1				
9-1	0563231570	· PEDAL (R.H.)	1				
9-2	0373208660	· PEDAL (R.H.)	1				
9-3	1110040655	· SCREW, cap	1				
9-4	1130040006	· NUT	2				
9-5	1225110006	· WASHER, conical	2				
10	0333241250	SHEET	1				
11	0563218500	COVER	1				
12	0563228060	PEDAL	1				
13	0563231710	PLATE	1				
16	1100040680	BOLT	1				
17	1100040814	BOLT	2				
18	1100040820	BOLT	4				
19	1110041016	SCREW, cap	8				
20	1110041030	SCREW, cap	4				
21	1130040006	NUT	2				
22	1131040012	NUT	2				
23	1140020008	WASHER, spring	8				
24	1141110008	WASHER	2				
25	1225110006	WASHER, conical	2				
26	1512370010	TEE	2				
	1420010110	· O-RING	1				
	1513390027	CROSS	2				
	1420010110	· O-RING	1				angle blade type
27	1513370046	BUSHING (with filter)	2				
	1420010110	· O-RING	1				
28	1515100110	ELBOW	1				
	1420010110	· O-RING	1				
29	1515600200	ADAPTOR	1				
	1420010110	· O-RING	1				
30	1515012040	ELBOW	6				
	1420010110	· O-RING	1				
32	1650202610	GRIP	2				
34	1901754800	VALVE, remote control	1				
35	1901735000	VALVE, remote control	1				
37	1140420010	WASHER, spring	4				
38	1100040825	BOLT	2				
	M1b051						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
DOZER BLADE LEVER



M1B060

Reference M1B060

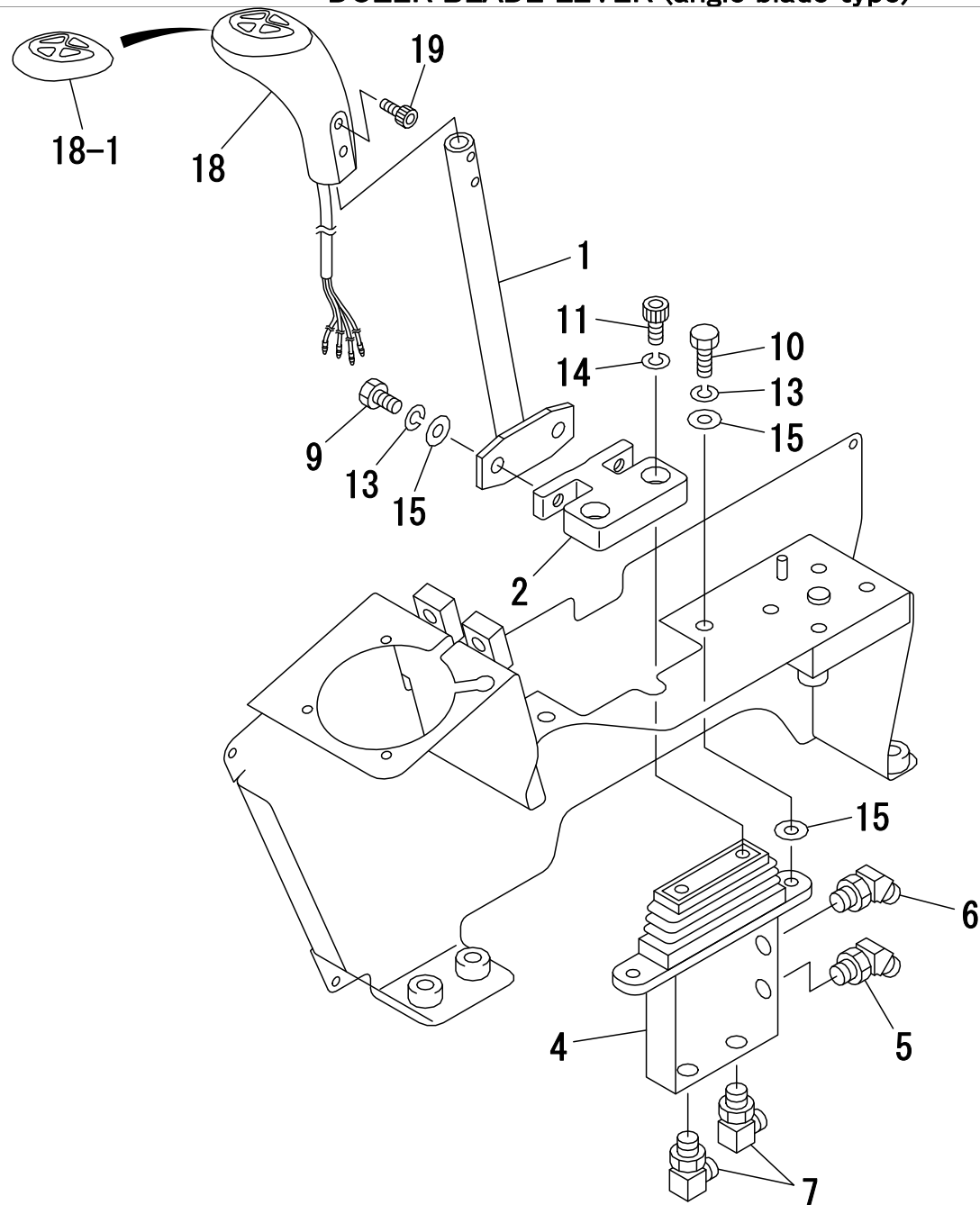
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DOZER BLADE LEVER

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		LEVER ASSY, blade					
1	0563313610	LEVER	1				
2	0563313620	PLATE	1				
4	1901745400	VALVE, remote control	1				
5	1512370012	ELBOW (with filter)	1				
	1420010110	· O-RING	1				
6	1515100110	ELBOW	1				
	1420010110	· O-RING	1				
7	1515012040	ELBOW	2				
	1420010110	· O-RING	1				
9	1100040816	BOLT	2				
10	1100040820	BOLT	2				
11	1110040816	SCREW, cap	2				
13	1140020008	WASHER, spring	4				
14	1140420008	WASHER, spring	2				
15	1141110008	WASHER	6				
18	1650153655	GRIP	1				
	M1b060						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
DOZER BLADE LEVER (angle blade type)



M1B110

Reference M1B110

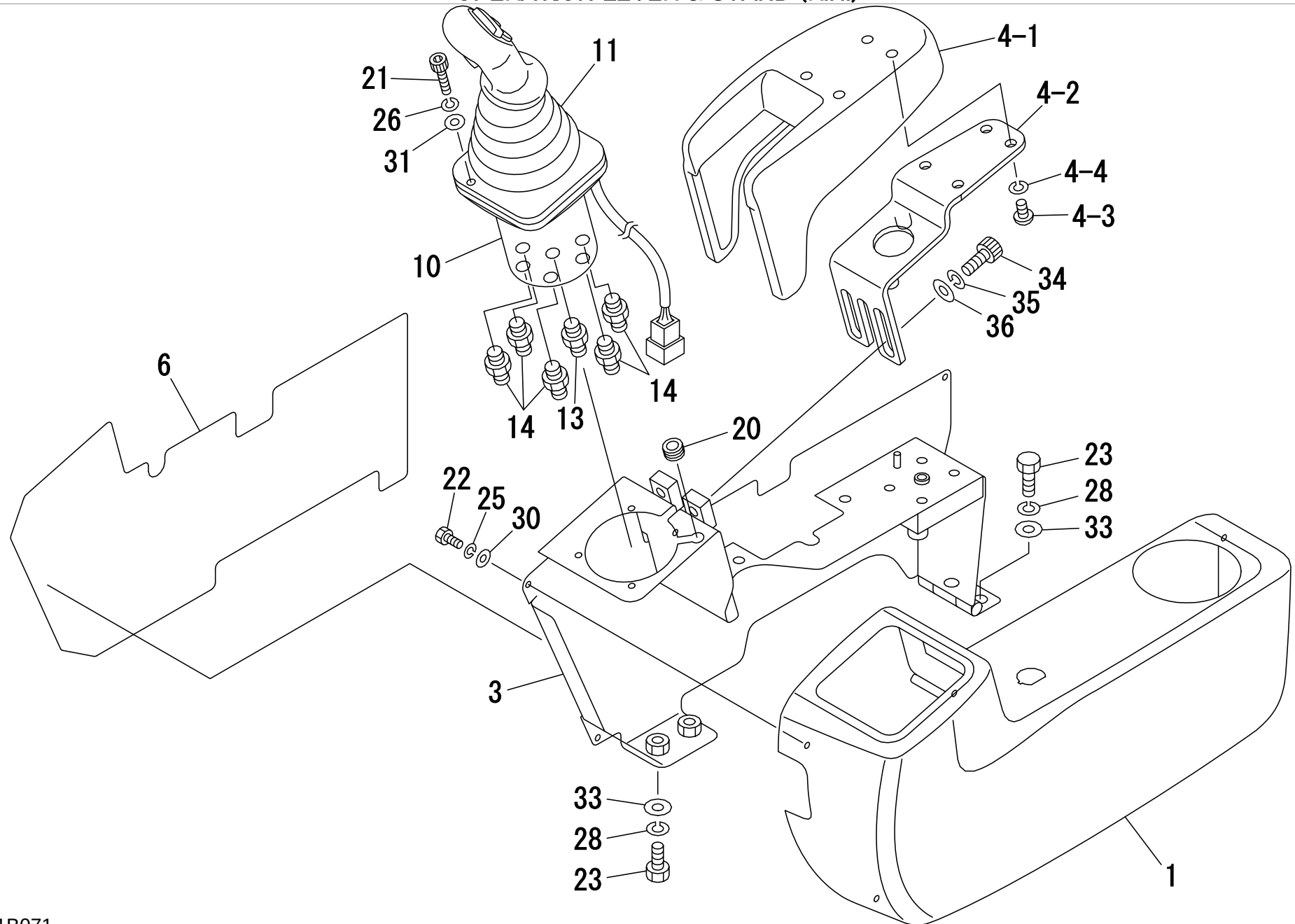
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DOZER BLADE LEVER (angle blade type)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		LEVER ASSY, blade					
1	0563314110	LEVER	1				
2	0563313620	PLATE	1				
4	1901745400	VALVE, remote control	1				
5	1512370012	ELBOW (with filter)	1				
	1420010110	• O-RING	1				
6	1515100110	ELBOW	1				
	1420010110	• O-RING	1				
7	1515012040	ELBOW	2				
	1420010110	• O-RING	1				
9	1100040816	BOLT	2				
10	1100040820	BOLT	2				
11	1110040816	SCREW, cap	2				
13	1140020008	WASHER, spring	4				
14	1140420008	WASHER, spring	2				
15	1141110008	WASHER	6				
18	1650204850	GRIP	1				
18-1	1650204851	• COVER	1				
19	1111850610	SCREW, cap	2				
	M1b110						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
OPERATION LEVER & STAND (R.H.)



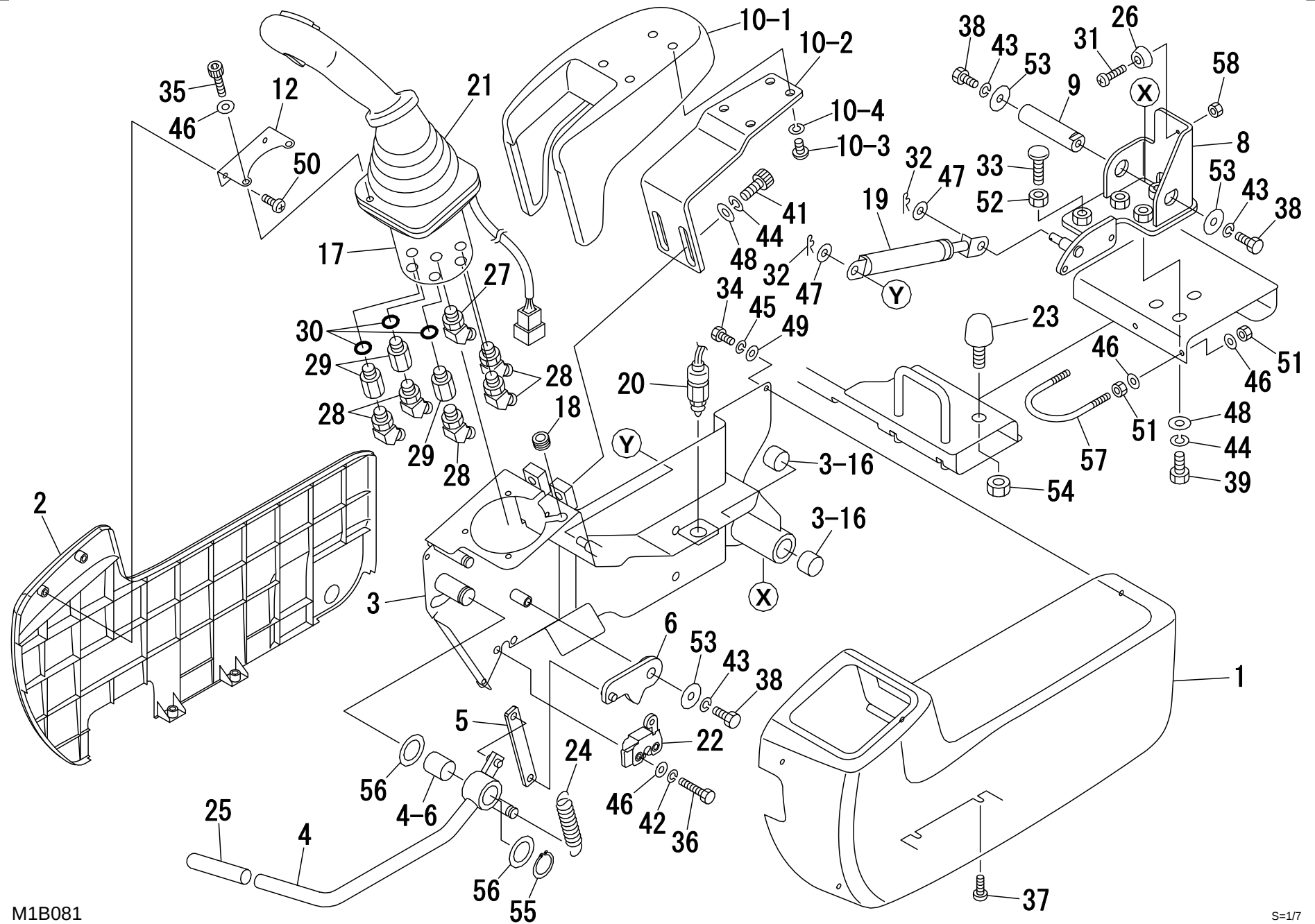
M1B071

Reference M1B071

OPERATION LEVER & STAND (R.H.)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		VALVE ASSY (R.H.) (3 switch)					
		VALVE ASSY (R.H.) (4 switch)					
1	0565127530	COVER (R.H.)	1				
3	0565127930	BRACKET (R.H.)	1			M	
4	0565128850	REST ASSY, arm (R.H.)	1				
4-1	0565128840	REST, arm	1				
4-2	0565127750	PLATE (R.H.)	1				
4-3	1120530812	SCREW, cap	4				
4-4	1140020008	WASHER, spring	4				
6	0565129706	SPONGE	1				
10	1901758000	VALVE, pilot (R.H.)	1				3 switch
	1901759000	VALVE, pilot (R.H.)	1				4 switch
11	0375109110	BOOT	1				
13	1512370008	ADAPTOR (with filter)	1				
	1420010110	· O-RING	1				
14	1515600200	ADAPTOR	5				
	1420010110	· O-RING	1				
20	1700100092	GROMMET	1				
21	1110040625	SCREW, cap	3				
22	1100040514	BOLT	4				
23	1100041025	BOLT	5				
25	1140020005	WASHER, spring	4				
26	1140020006	WASHER, spring	3				
28	1140020010	WASHER, spring	5				
30	1141110005	WASHER	4				
31	1141110006	WASHER	3				
33	1141110010	WASHER	5				
34	1110041025	SCREW, cap	2				
35	1140020010	WASHER, spring	2				
36	1141110010	WASHER	2				
	M1b071						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
OPERATION LEVER & STAND (L.H.)



M1B081

Reference M1B081

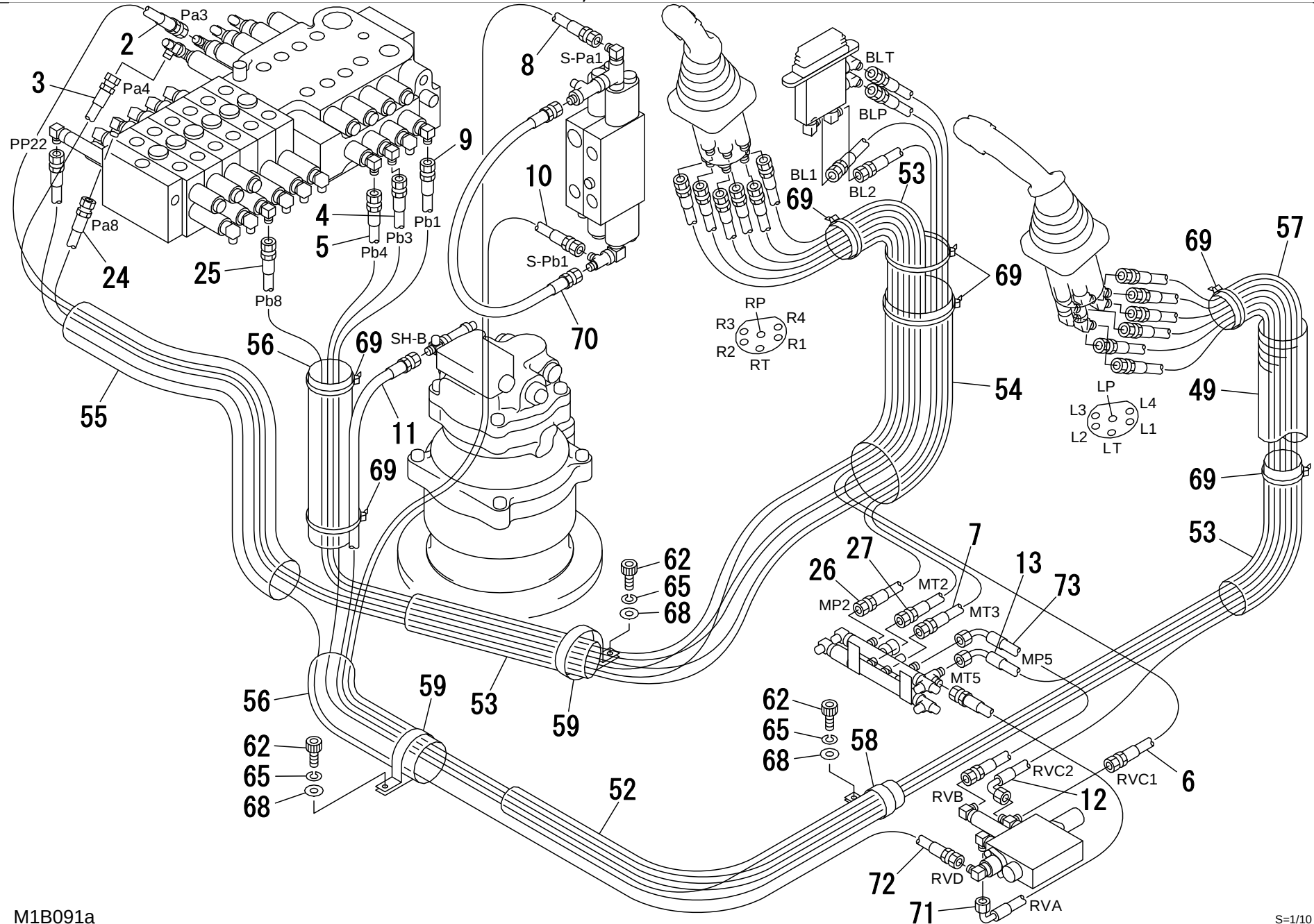
OPERATION LEVER & STAND (L.H.)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		VALVE ASSY (L.H.) (3 switch)					
		VALVE ASSY (R.H.) (4 switch)					
1	0565127510	COVER (L.H.)	1				
2	0565127520	COVER	1				
3	0565129330	BRACKET (L.H.)	1				
3-16	1333002015	· BUSHING	2				
4	0565129340	LEVER	1				
4-6	1333002025	· BUSHING	1				
5	0565128550	PLATE	1				
6	0565128560	PLATE	1				
8	0565129380	BRACKET	1				
9	0565128610	SHAFT	1				
10	0565128860	REST ASSY, arm (L.H.)	1				
10-1	0565128840	REST, arm	1				
10-2	0565129311	PLATE (L.H.)	1				
10-3	1120530812	SCREW	4				
10-4	1140020008	WASHER, spring	4				
12	0565127522	PLATE	1				
17	1901758100	VALVE, pilot (L.H.)	1				3 switch
	1901759100	VALVE, pilot (L.H.)	1				4 switch
18	1700100092	GROMMET	1				
19	1653900057	SPRING, gas	1				
20	1700000033	SWITCH, limit	1				
21	0375109110	BOOT	1				
22	1654011330	LOCK	1				
23	1651101224	STOPPER	1				
24	0007000070	SPRING	1				
25	1650202300	CAP	1				
26	1652102410	RUBBER	1				
27	1512370012	ADAPTOR (with filter)	1				
	1420010110	· O-RING	1				
28	1515100110	ELBOW	5				
	1420010110	· O-RING	1				
29	0007213042	BUSHING	3				
30	1420010110	O-RING	3				
31	1120590414	SCREW	1				
32	1214000008	PIN, snap	2				
33	0335120970	BOLT	1				
34	1100040514	BOLT	4				
35	1110040625	SCREW, cap	3				
36	1100040630	BOLT	2				
37	1150420514	SCREW	2				
38	1100040816	BOLT	3				
39	1100041030	BOLT	3				
41	1100041025	SCREW, cap	2				
42	1140020006	WASHER, spring	2				
43	1140020008	WASHER, spring	3				
44	1140020010	WASHER, spring	5				
45	1140020005	WASHER, spring	4				
46	1141110006	WASHER	9				
47	1141110008	WASHER	2				
48	1141110010	WASHER	5				
49	1141110005	WASHER	4				
50	1150420510	SCREW	2				
51	1130040006	NUT	4				
52	1130040010	NUT	1				

OPERATION LEVER & STAND (L.H.)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
53	0003609003	WASHER	3				
54	1130040012	NUT	1				
55	1220000020	RING, retaining	1				
56	0093208300	WASHER	2				
57	1533207020	U-BOLT	1				
58	1130030004	NUT	1				
	M1b081						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
PIPING; OPERATION LEVER

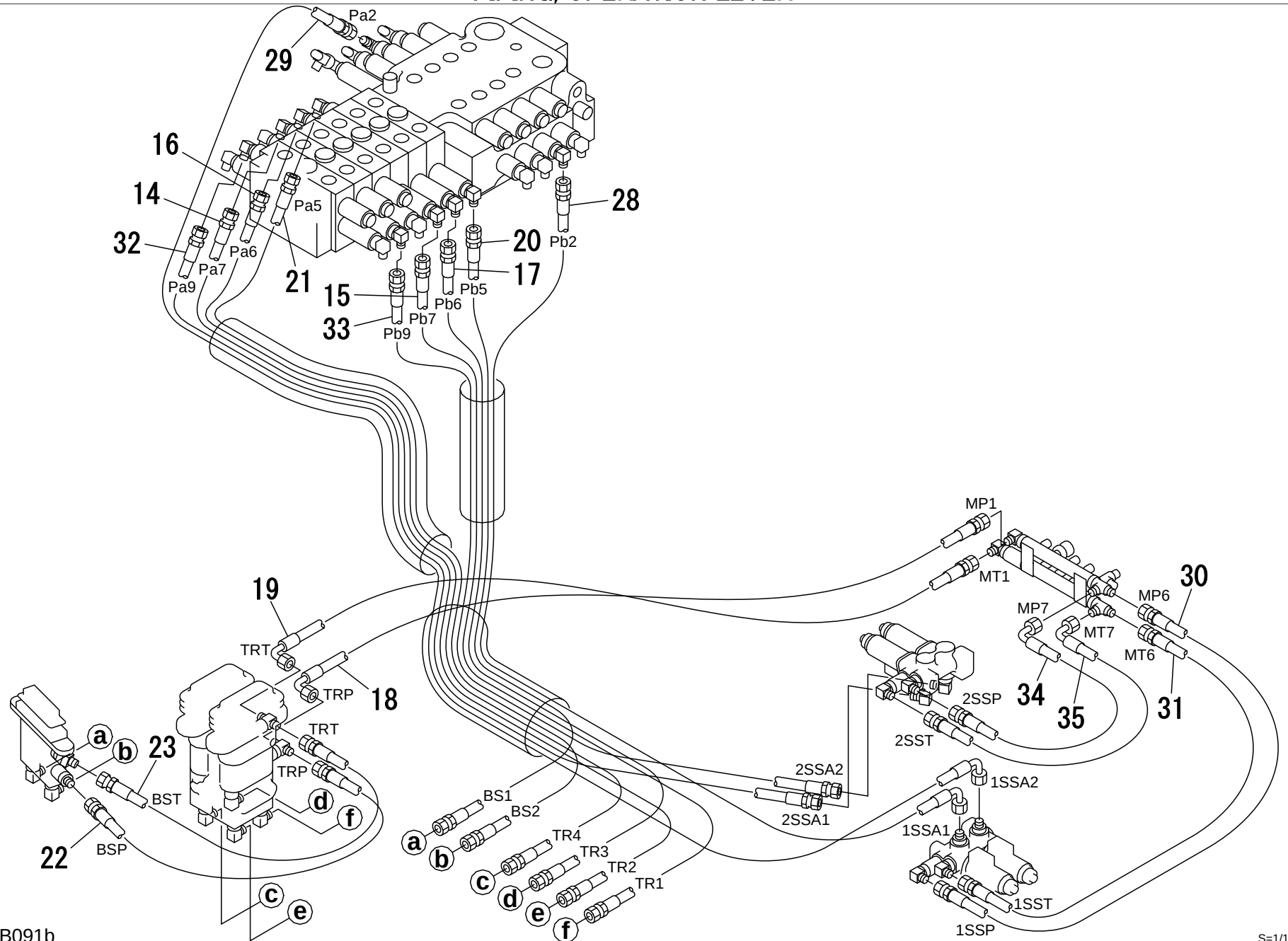


M1B091a

Reference M1B091a

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**TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
PIPING; OPERATION LEVER**



M1B091b

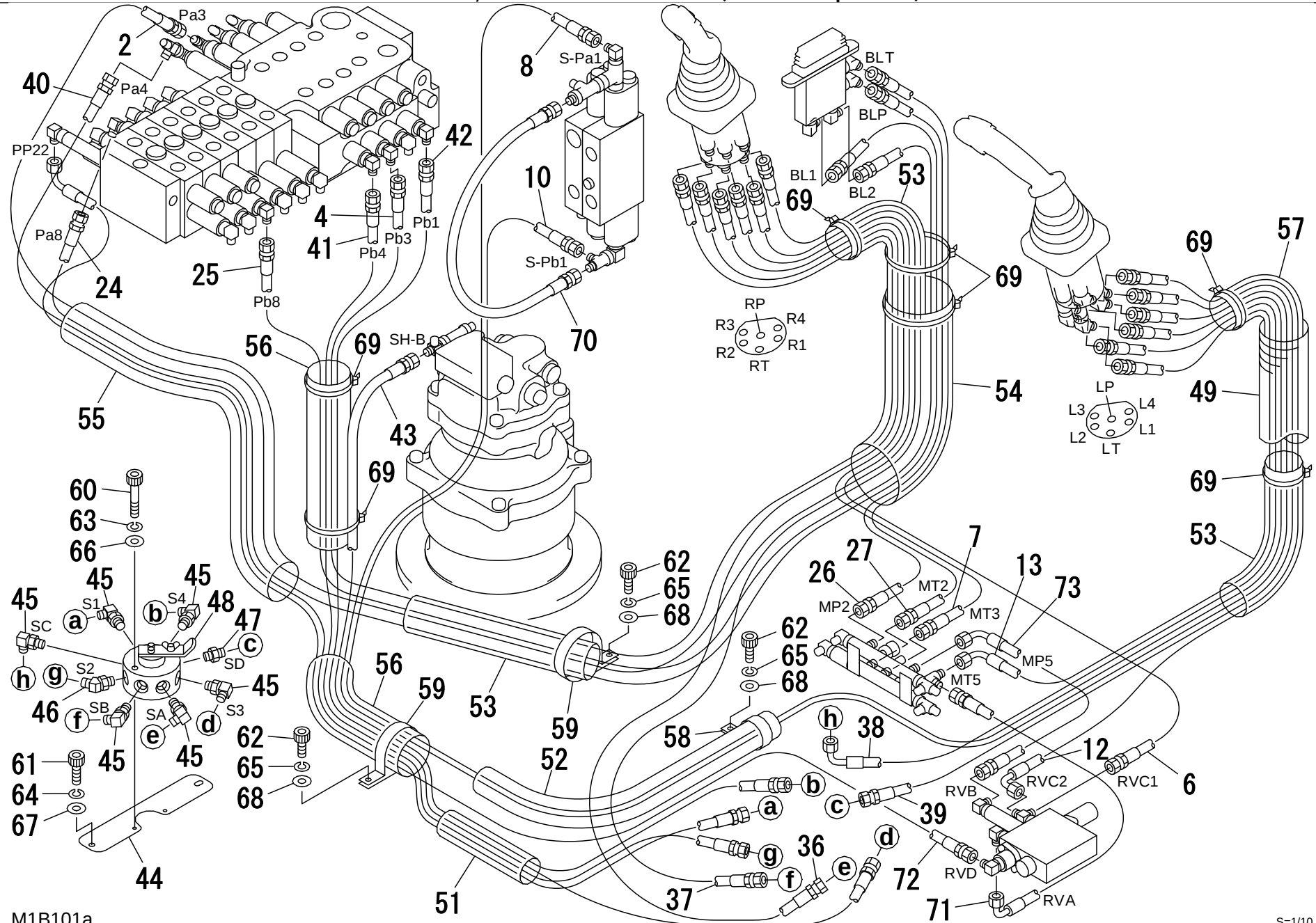
Reference M1B091a

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PIPING; OPERATION LEVER

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		PIPING ASSY					
2	0567153020	HOSE ASSY	1				19348-22300
3	0567153030	HOSE ASSY	1				19348-22300
4	0567153040	HOSE ASSY	1				19348-22210
5	0567153050	HOSE ASSY	1				19348-22210
6	0567153060	HOSE ASSY	1				19348-22175
7	0567153070	HOSE ASSY	1				19348-22135
8	0567153080	HOSE ASSY	1				19348-22355
9	0567153090	HOSE ASSY	1				19348-22330
10	0567153100	HOSE ASSY	1				19348-22330
11	0567153110	HOSE ASSY	1				19348-22300
12	0567153120	HOSE ASSY	1				19348-52120
13	0567153130	HOSE ASSY	1				19348-52115
14	0567153140	HOSE ASSY	1				19348-22220
15	0567153150	HOSE ASSY	1				19348-22170
16	0567153160	HOSE ASSY	1				19348-22215
17	0567153170	HOSE ASSY	1				19348-22165
18	0567153180	HOSE ASSY	1				19348-52048
19	0567153190	HOSE ASSY	1				19348-52050
20	0567153200	HOSE ASSY	1				19348-22144
21	0567153210	HOSE ASSY	1				19348-22215
22	0567153220	HOSE ASSY	1				19348-22066
23	0567153230	HOSE ASSY	1				19348-22062
24	0567153240	HOSE ASSY	1				19348-22250
25	0567153250	HOSE ASSY	1				19348-22200
26	0567153260	HOSE ASSY	1				19348-22105
27	0567153270	HOSE ASSY	1				19348-22105
28	0567153280	HOSE ASSY	1				19348-52190
29	0567153290	HOSE ASSY	1				19348-52275
30	0567153300	HOSE ASSY	1				19348-22056
31	0567153310	HOSE ASSY	1				19348-22052
32	0567153320	HOSE ASSY	1				19348-22210
33	0567153330	HOSE ASSY	1				19348-22165
34	0567153340	HOSE ASSY	1				19348-52058
35	0567153350	HOSE ASSY	1				19348-52064
49	1567525033	DUCT	1				
52	1531335070	PROTECTOR	1				sold by the meter
53	1531345030	PROTECTOR	3				sold by the meter
54	1531350030	PROTECTOR	1				sold by the meter
55	1531350110	PROTECTOR	1			M	sold by the meter
56	1531360035	PROTECTOR	2				sold by the meter
57	1531645020	PROTECTOR	1				sold by the meter
58	0007300030	CLAMP	1				
59	0007300044	CLAMP	2				
62	1110041020	SCREW, cap	3				
65	1140020010	WASHER, spring	3				
68	1141110010	WASHER	3				
69	1652201007	BAND	7				
70	0567153700	HOSE ASSY	1				19348-22054
71	0567153710	HOSE ASSY	1				19348-52048
72	0567153720	HOSE ASSY	1				19348-52255
73	0567153730	HOSE ASSY	1				19348-52038
	M1b091						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
PIPING; OPERATION LEVER (ISO-JCB pattern)

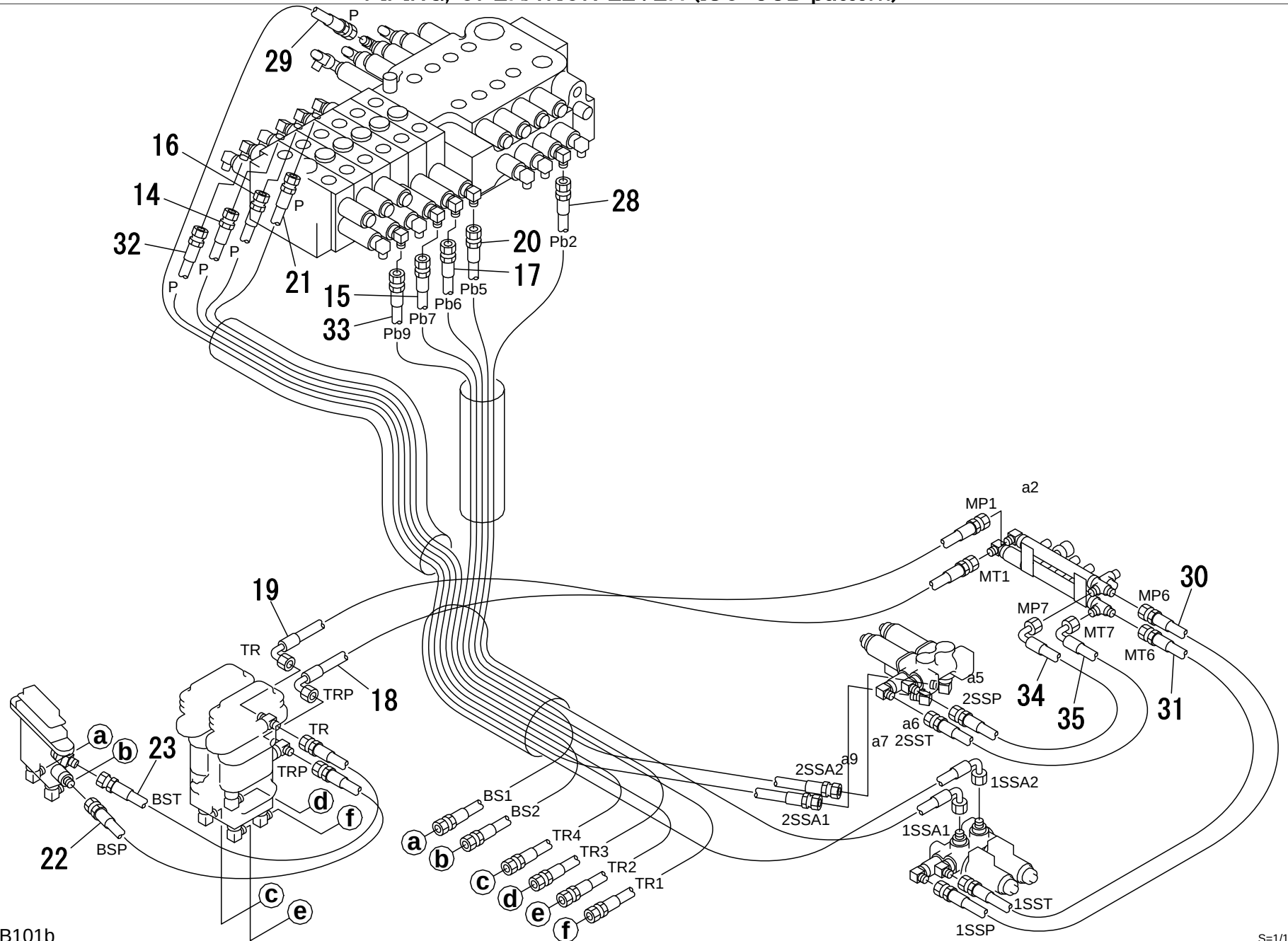


M1B101a

Reference M1B101a

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TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
PIPING; OPERATION LEVER (ISO-JCB pattern)



M1B101b

Reference M1B101a

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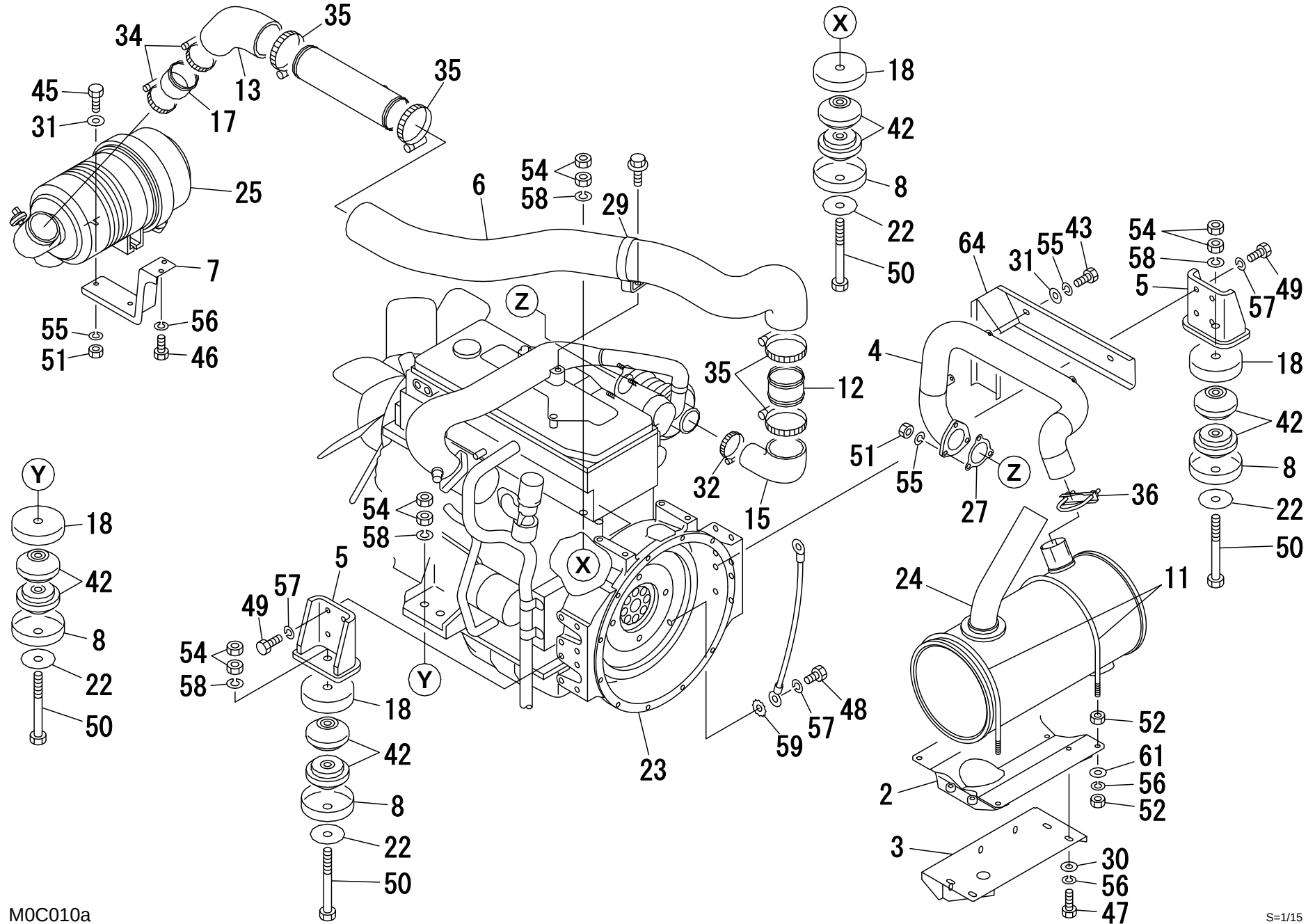
PIPING; OPERATION LEVER (ISO-JCB pattern)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		PIPING ASSY					
2	0567153020	HOSE ASSY	1				19348-22300
4	0567153040	HOSE ASSY	1				19348-22210
6	0567153060	HOSE ASSY	1				19348-22175
7	0567153070	HOSE ASSY	1				19348-22135
8	0567153080	HOSE ASSY	1				19348-22355
10	0567153100	HOSE ASSY	1				19348-22330
12	0567153120	HOSE ASSY	1				19348-52120
13	0567153130	HOSE ASSY	1				19348-52115
14	0567153140	HOSE ASSY	1				19348-22220
15	0567153150	HOSE ASSY	1				19348-22170
16	0567153160	HOSE ASSY	1				19348-22215
17	0567153170	HOSE ASSY	1				19348-22165
18	0567153180	HOSE ASSY	1				19348-52048
19	0567153190	HOSE ASSY	1				19348-52050
20	0567153200	HOSE ASSY	1				19348-22144
21	0567153210	HOSE ASSY	1				19348-22215
22	0567153220	HOSE ASSY	1				19348-22066
23	0567153230	HOSE ASSY	1				19348-22062
24	0567153240	HOSE ASSY	1				19348-22250
25	0567153250	HOSE ASSY	1				19348-22200
26	0567153260	HOSE ASSY	1				19348-22105
27	0567153270	HOSE ASSY	1				19348-22105
28	0567153280	HOSE ASSY	1				19348-52190
29	0567153290	HOSE ASSY	1				19348-52275
30	0567153300	HOSE ASSY	1				19348-22056
31	0567153310	HOSE ASSY	1				19348-22052
32	0567153320	HOSE ASSY	1				19348-22210
33	0567153330	HOSE ASSY	1				19348-22165
34	0567153340	HOSE ASSY	1				19348-52058
35	0567153350	HOSE ASSY	1				19348-52064
36	0567153360	HOSE ASSY	1				19348-22190
37	0567153370	HOSE ASSY	1				19348-22180
38	0567153380	HOSE ASSY	1				19348-52135
39	0567153390	HOSE ASSY	1				19348-22125
40	0567153400	HOSE ASSY	1				19348-22275
41	0567153410	HOSE ASSY	1				19348-22190
42	0567153420	HOSE ASSY	1				19348-22220
43	0567153430	HOSE ASSY	1				19348-22185
44	0377103300	PLATE	1				
45	1515012040	ELBOW	6				
	1420010110	· O-RING	1				
46	1515100110	ELBOW	1				
	1420010110	· O-RING	1				
47	1515600200	ADAPTOR	1				
	1420010110	· O-RING	1				
48	1901730500	VALVE, selector	1				
49	1567525033	DUCT	1				
51	1531335030	PROTECTOR	1				sold by the meter
52	1531335070	PROTECTOR	1				sold by the meter
53	1531345030	PROTECTOR	3				sold by the meter
54	1531350030	PROTECTOR	1				sold by the meter
55	1531350110	PROTECTOR	1			M	sold by the meter
56	1531360035	PROTECTOR	2				sold by the meter
57	1531645020	PROTECTOR	1				sold by the meter
58	0007300030	CLAMP	1				

PIPING; OPERATION LEVER (ISO-JCB pattern)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
59	0007300044	CLAMP	2				
60	1110040650	SCREW, cap	2				
61	1110040820	SCREW, cap	2				
62	1110041020	SCREW, cap	3				
63	1140020006	WASHER, spring	2				
64	1140020008	WASHER, spring	2				
65	1140020010	WASHER, spring	3				
66	1141110006	WASHER	2				
67	1141110008	WASHER	2				
68	1141110010	WASHER	3				
69	1652201007	BAND	7				
70	0567153700	HOSE ASSY	1				19348-22054
71	0567153710	HOSE ASSY	1				19348-52048
72	0567153720	HOSE ASSY	1				19348-52255
73	0567153730	HOSE ASSY	1				19348-52038
	M1b101						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
ENGINE & ACCESSORIES (1/3)



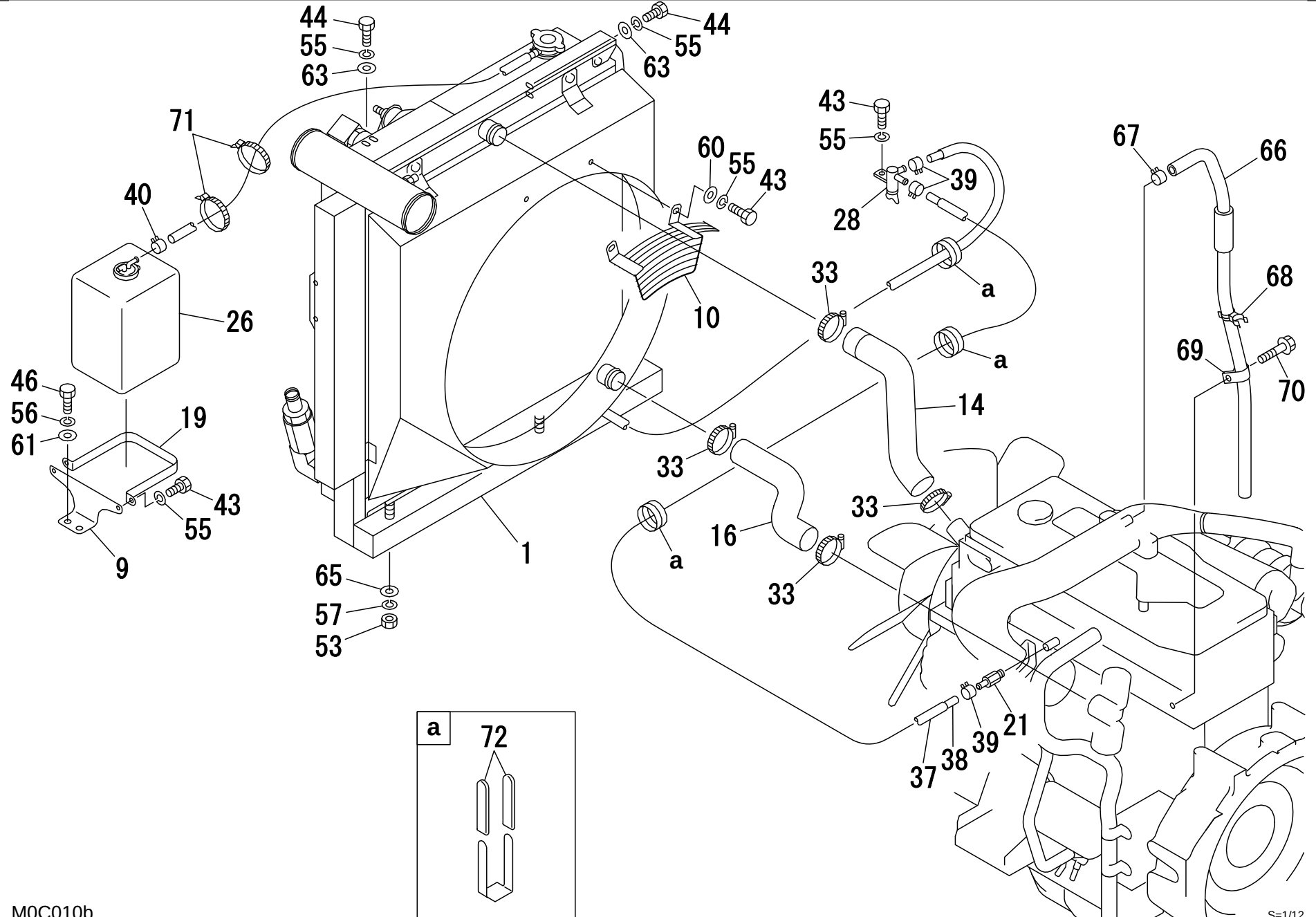
M0C010a

Reference M0C010a

S=1/15

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TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
ENGINE & ACCESSORIES (1/3)



M0C010b

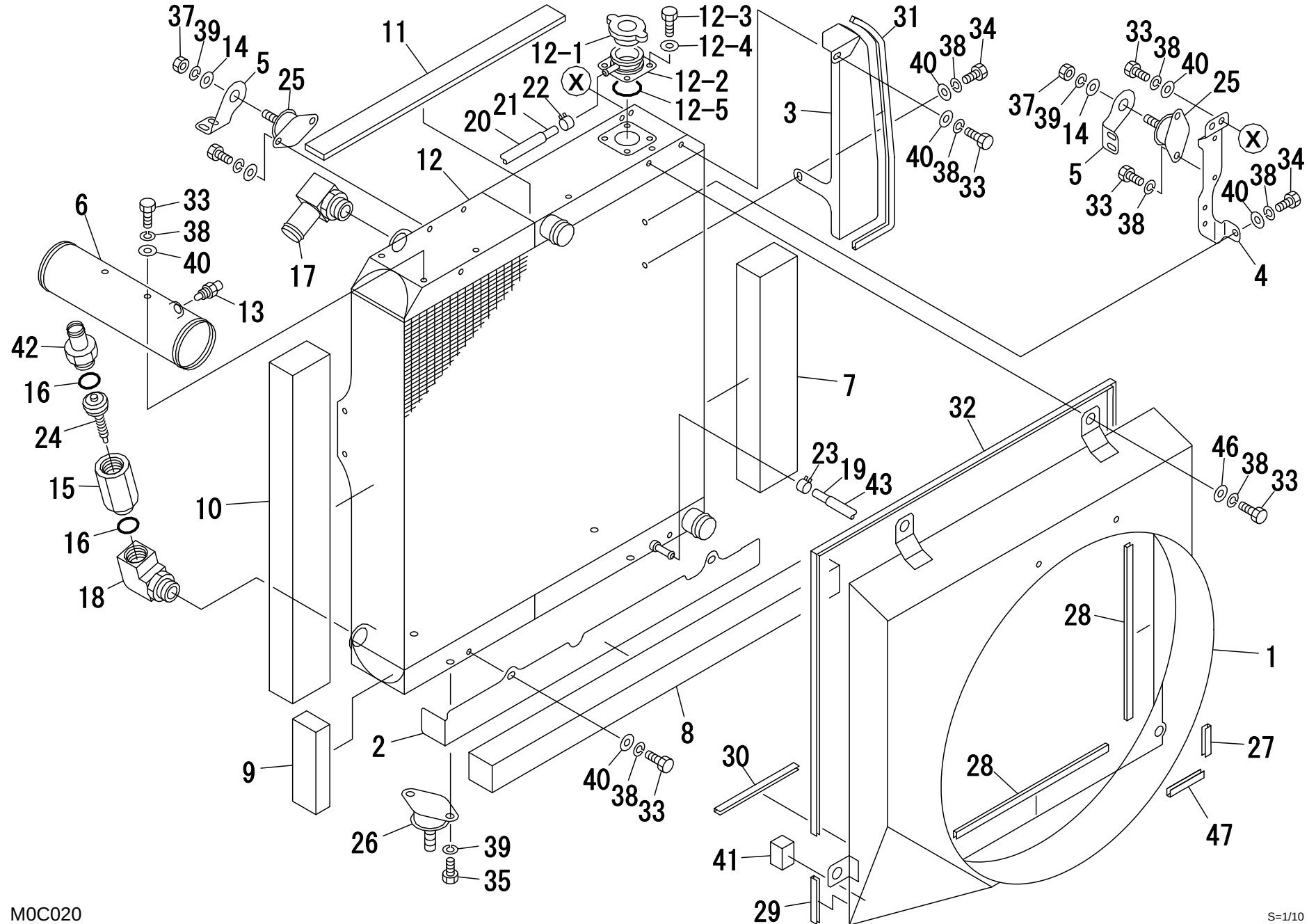
Reference M0C010a

ENGINE & ACCESSORIES (1/3)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
	0564063000	ENGINE ASSY	1				
1	0564063100	RADIATOR ASSY	1				see page (2/3)
2	0564061090	BRACKET	1				
3	0564061080	BRACKET	1				
4	0564061010	PIPE	1				
5	0574002310	FOOT, engine	2				
6	0564061130	HOSE	1				
7	0564061170	BRACKET	1				
8	0564017470	STOPPER	4				
9	0564063010	BRACKET	1				
10	0564063200	GUARD	1				
11	0574000150	U-BOLT	2				
12	0564061180	PIPE	1				
13	0564061120	HOSE	1				
14	0564061060	HOSE	1				
15	0564061140	HOSE	1				
16	0564061070	HOSE	1				
17	0684001360	PIPE	1				
18	0564017460	STOPPER	4				
19	0564061050	BRACKET	1				
21	0882401210	ADAPTOR	1				
22	0882400190	WASHER	4				
23	1910297001	ENGINE	1				AU-4JJ1TYSB-03
24	1910288005	MUFFLER	1				IF-10812-012-F
25	1911260300	CLEANER, air	1				see page (3/3)
26	1910288020	TANK, sub	1				IF-90912-001-F
27	1910188030	GASKET	1				I894369-0210
28	1911900004	VALVE, drain	1				
29	0007300071	CLAMP	1				
30	0003600020	WASHER	4				
31	0003608252	WASHER	5				
32	1533701250	BAND	1				
33	1533700057	BAND	4				
34	1533700081	BAND	2				
35	1533700096	BAND	4				
36	1533300063	CLAMP	1				
37	1531118150	PROTECTOR	1				sold by the meter
38	1530808160	HOSE	1				sold by the meter
39	1533120512	BAND	3				
40	1533120010	BAND	1				
42	1651030010	RUBBER, cushion	8				
43	1100040816	BOLT	8				
44	1110040825	SCREW, cap	4				
45	1100040835	BOLT	2				
46	1100041020	BOLT	4				
47	1100041025	BOLT	4				
48	1100041220	BOLT	1				
49	1100041235	BOLT	8				
50	1100141660	BOLT	4				
51	1130040008	NUT	5				
52	1130040010	NUT	8				
53	1130040012	NUT	2				
54	1130040016	NUT	8				
55	1140020008	WASHER, spring	17				
56	1140020010	WASHER, spring	12				
57	1140020012	WASHER, spring	11				

ENGINE & ACCESSORIES (1/3)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
58	1140020016	WASHER, spring	4				
59	1140330012	WASHER	1				
60	1141110008	WASHER	2				
61	1141110010	WASHER	6				
63	1141550008	WASHER	4				
64	0564061030	COVER	1				
65	0003600123	WASHER	2				
66	1910297013	HOSE	1				I898067-5031
67	1910297017	BAND	1				I894121-1130
68	1910297018	CLAMP	1				I897177-5800
69	1910297019	CLAMP	1				I109700-1261
70	1910297051	BOLT	1				I028050-8200
71	1652231250	BAND	2				
72	0872433150	TUBE	6				
	M0c010						

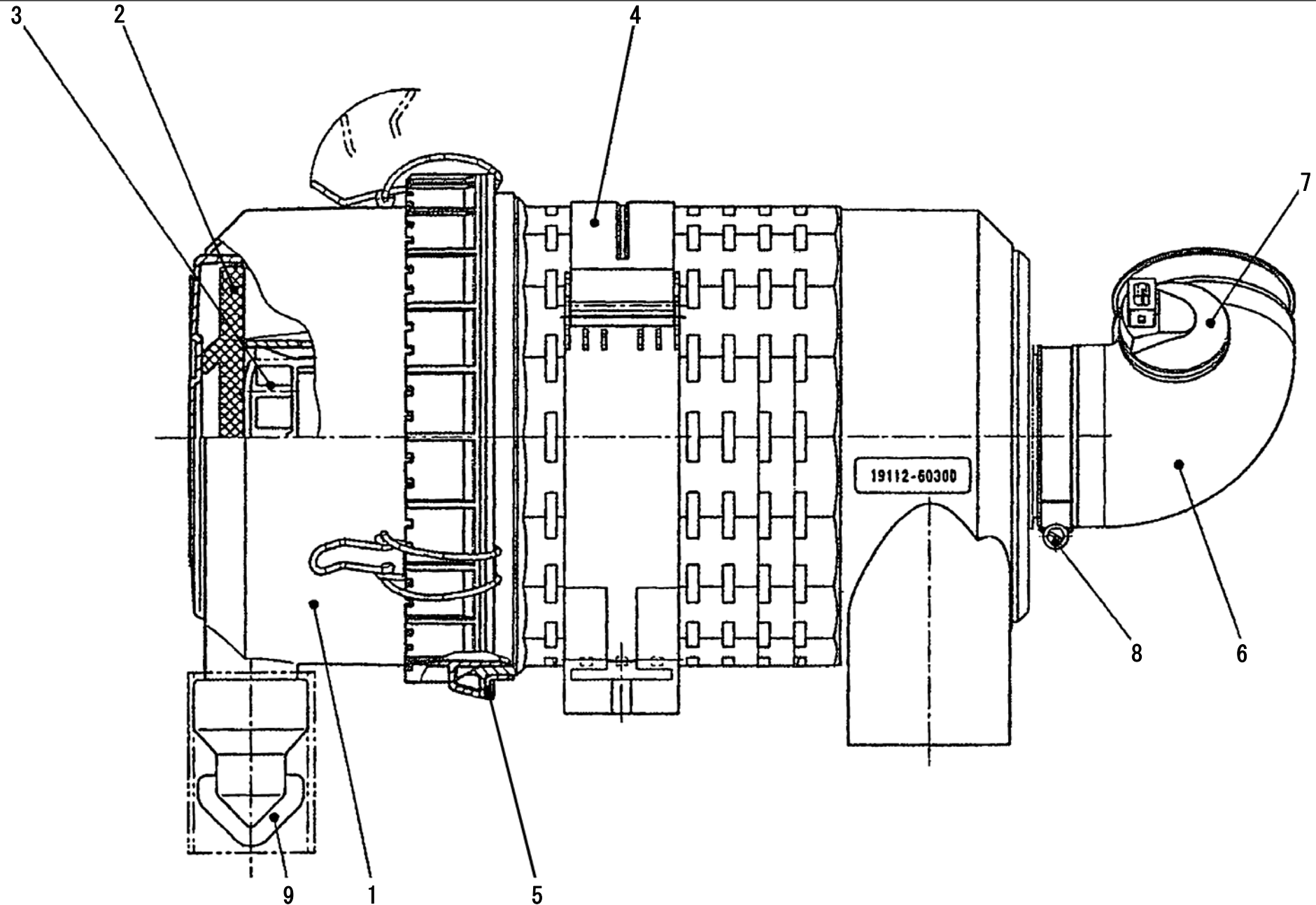


M0C020

Reference M0C020

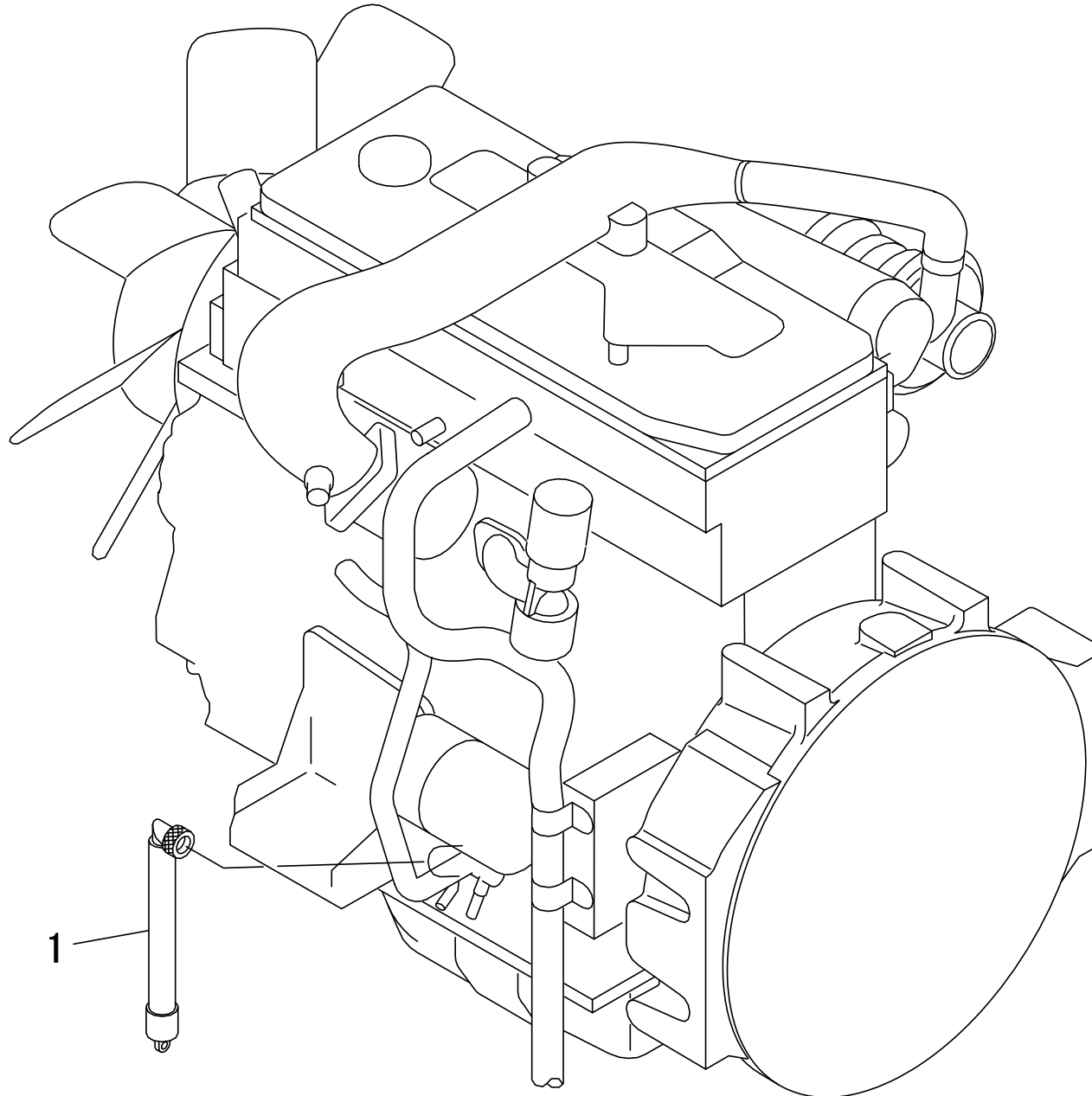
ENGINE & ACCESSORIES (2/3)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0-1	0564063100	RADIATOR ASSY	1				
1	0564063110	• SHROUD	1				
2	0564061240	• PLATE	1				
3	0564061260	• PLATE	1				
4	0564061220	• BRACKET	1				
5	0564061210	• BRACKET	2				
6	0564061230	• PIPE	1				
7	0564061250	• SPONGE	1				
8	0564061251	• SPONGE	1				
9	0564061252	• SPONGE	1				
10	0564061253	• SPONGE	1				
11	0564061254	• SPONGE	1				
12	1911300850	• RADIATOR	1				
12-1	1911300851	• • CAP	1				
12-2	1911300852	• • NECK	1				
12-3	1911300853	• • BOLT	4				
12-4	1911300854	• • WASHER	4				
12-5	1911300855	• • O-RING	1				
13	1910230055	• SENSOR	1				
14	0003600025	• WASHER	2				
15	0007213083	• BUSHING	1				
16	1420010290	• O-RING	2				
17	1513350020	• ELBOW	1				
	1420010290	• • O-RING	1				
18	1513300026	• ELBOW	1				
	1420010240	• • O-RING	1				
19	1530808055	• HOSE	1				sold by the meter
20	1531115118	• PROTECTOR	1				sold by the meter
21	1531211128	• HOSE	1				sold by the meter
22	1533120010	• BAND	1				
23	1533120512	• BAND	1				
24	1540140810	• VALVE, check	1				
25	1651024007	• RUBBER, cushion	2				
26	1651024009	• RUBBER, cushion	2				
27	1654605005	• RUBBER	1				sold by the meter
28	1654605031	• TRIM	2				sold by the meter
29	1654606006	• SEAL	1				sold by the meter
30	1654606022	• SEAL	1				sold by the meter
31	1654606051	• TRIM	1				sold by the meter
32	1654606140	• SEAL	1				sold by the meter
33	1100040816	• BOLT	12				
34	1100040825	• BOLT	2				
35	1100041016	• BOLT	4				
37	1130040010	• NUT	2				
38	1140020008	• WASHER, spring	14				
39	1140020010	• WASHER, spring	6				
40	1141110008	• WASHER	9				
41	0564062201	• SPONGE	1				
42	0007224015	• ADAPTOR	1				
43	1531118045	• PROTECTOR	1				sold by the meter
46	0003609003	• WASHER	4				
47	1654605007	• RUBBER	1				sold by the meter
	M0c020						



ENGINE & ACCESSORIES (3/3)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0-2	1911260300	CLEANER, air	1				
1	1911260301	· COVER	1				
2	1911113001	· ELEMENT	1				
3	1911113002	· ELEMENT, secondary	1				
4	1911260302	· BRACKET	1				
5	1911260303	· O-RING	1				
6	1911260304	· MANIFOLD	1				
7	1911260305	· SWITCH, service	1				
8	1911260306	· BAND	1				
9	0664006355	· VALVE	1				
	M1c030						



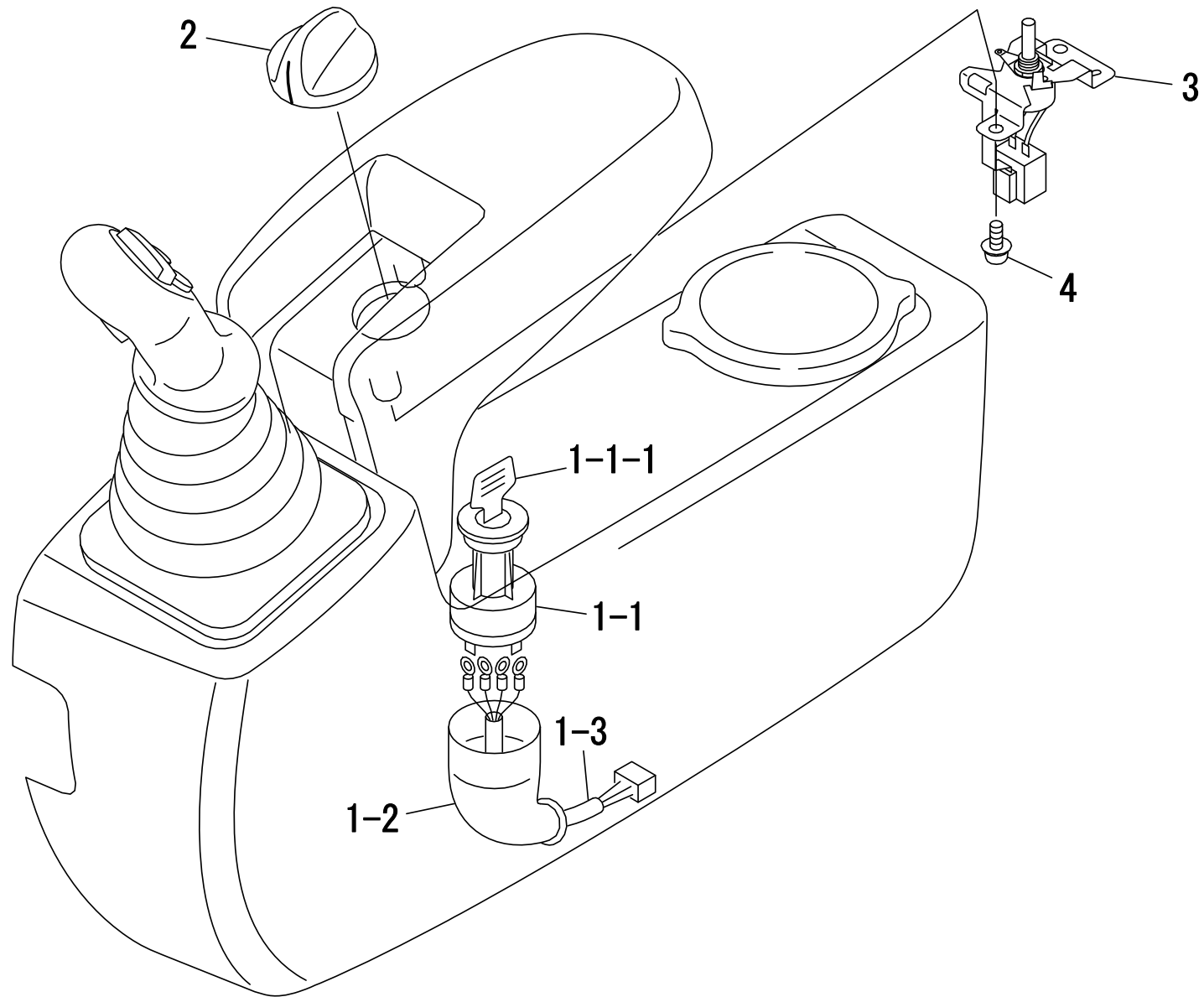
M0C030

Reference M0C030

S=1/8

DRAIN PLUG

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	1554512601 S5c130	PLUG ASSY, drain TUBE	1				

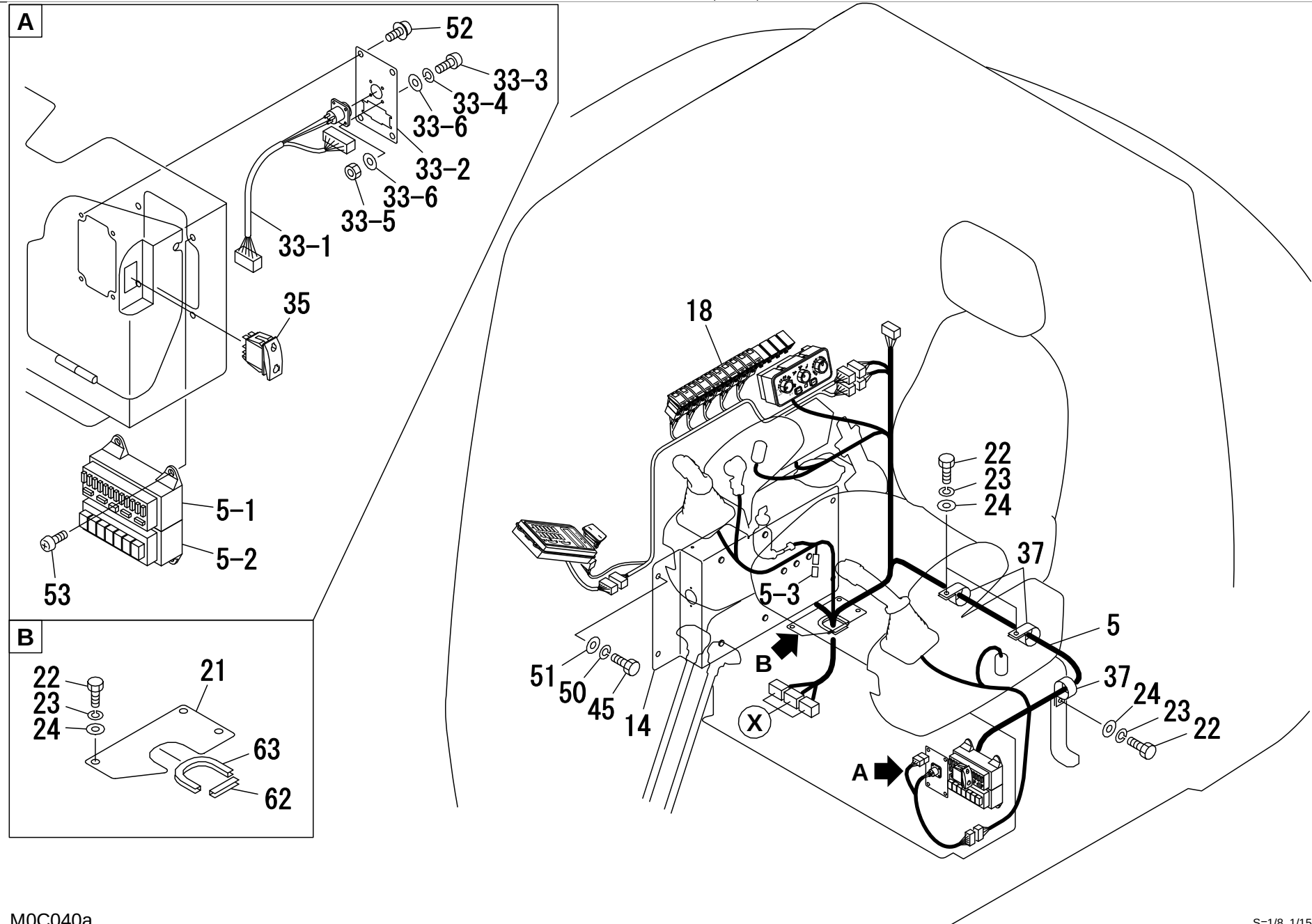


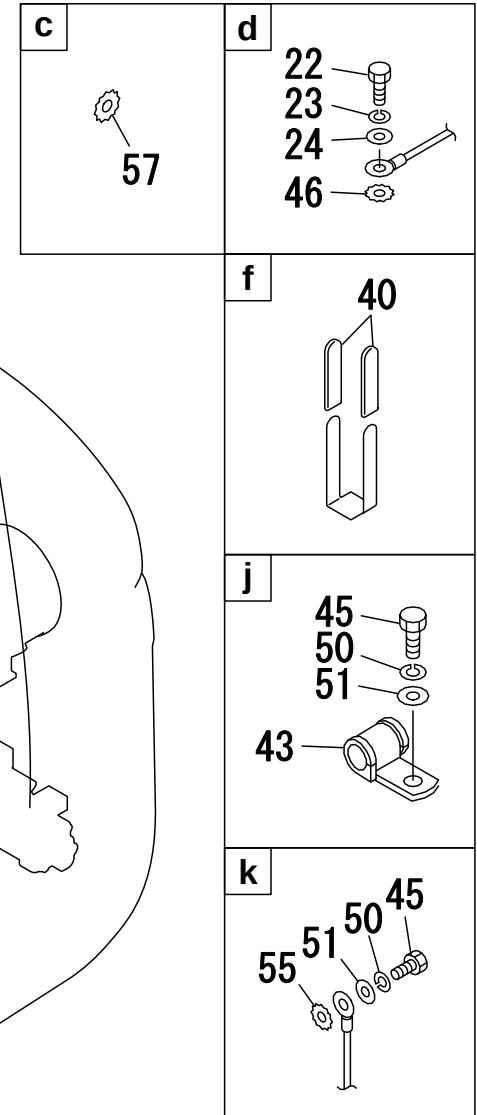
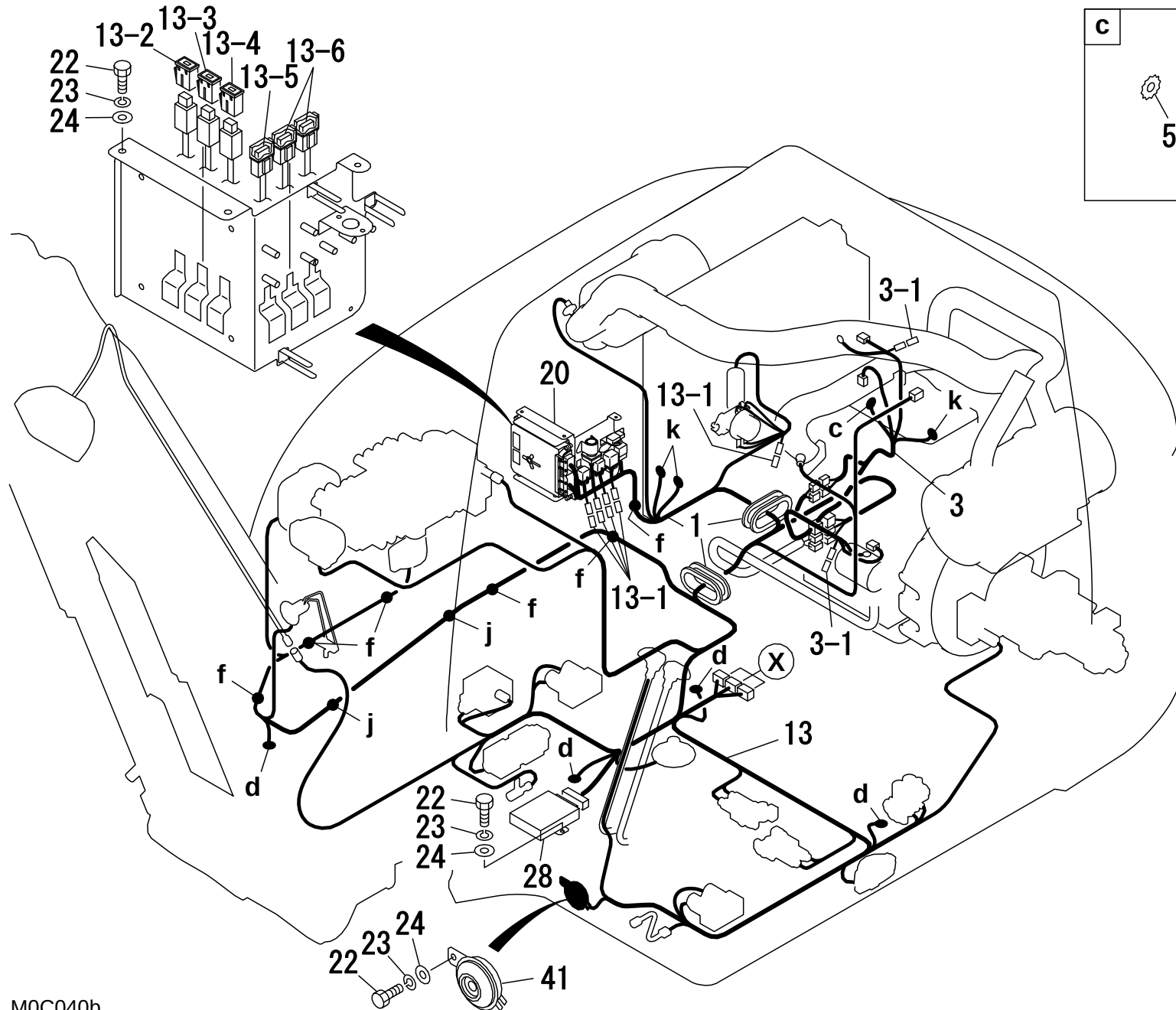
M1C050

S=1/4

CONTROL BOX (R.H.)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	0574301410	BOX ASSY, control (R.H.)	1				
1-1	1700100098	· SWITCH ASSY, starter	1				
1-1-1	1700100019	· SWITCH, starter	1				
1-1-1	1700100019	· KEY	1				
1-2	0870431821	· COVER	1				
1-3	0574300530	· HARNESS ASSY	1				
2	1700000059	KNOB	1				
3	1700000060	RESISTER ASSY	1				
4	1150420614	SCREW	2				
	M1c050						





M0C040b

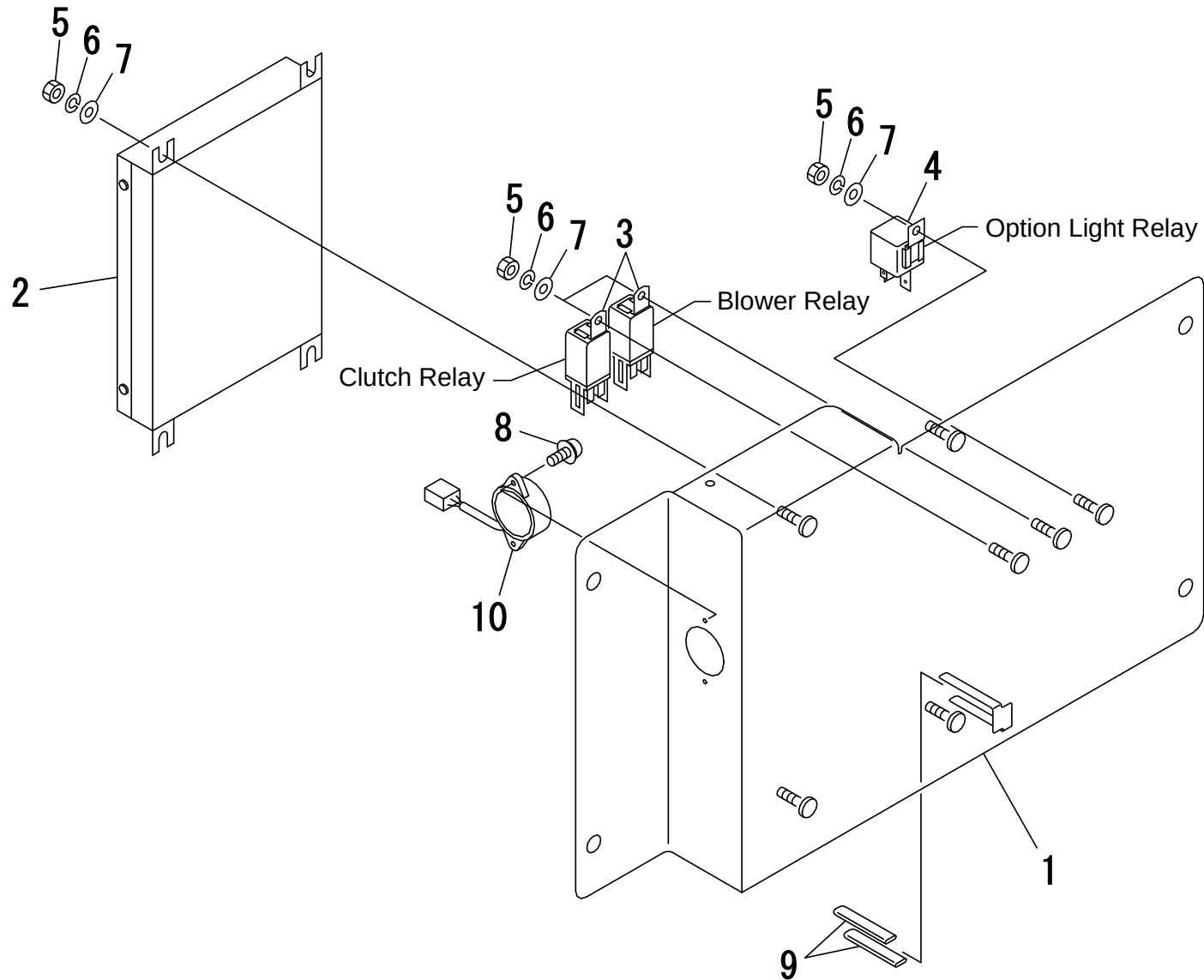
Reference M0C040a

S=1/8, 1/20

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ELECTRICAL (1/4)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		ELECTRICAL ASSY					
1	0563053250	GROMMET	2				
3	0564264020	HARNESS ASSY, wiring	1				
3-1	1730500041	• DIODE	2				
5	0564264010	HARNESS ASSY, wiring	1				
5-1	X *****	• BOX, fuse	1				
	1701310005	• • FUSE	2				5A
	1701310010	• • FUSE	7				10A
	1701310015	• • FUSE	2				15A
	1701310020	• • FUSE	1				20A
	1701310025	• • FUSE	3				25A
	1701310030	• • FUSE	1				30A
5-2	X *****	• BOX, relay	1				
	1711900160	• • RELAY	7				
5-3	1730500008	• DIODE (3A yellow)	1				
13	0564264030	HARNESS ASSY, wiring	1				
13-1	1730500008	• DIODE (3A yellow)	5				
13-2	1701330045	• LINK, fusible	1				45A
13-3	1701330065	• LINK, fusible	1				65A
13-4	1701330075	• LINK, fusible	1				75A
13-5	1701310030	• FUSE	1				30A
13-6	1701310010	• FUSE	2				10A
14	0564263100	COVER ASSY	1				see page (2/4)
18	0564263200	PANEL ASSY	1				see page (3/4)
20	0564264300	RELAY ASSY	1				see page (4/4)
21	0564263060	PLATE	1				
22	1100040816	BOLT	16				
23	1140020008	WASHER, spring	16				
24	1141110008	WASHER	16				
28	1730145020	AMPLIFIER	1				
33	0564264050	PLATE ASSY	1				
33-1	0564264051	• HARNESS, wiring	1				
33-2	0564264052	• PLATE	1				
33-3	1120530310	• SCREW	4				
33-4	1140020003	• WASHER, spring	4				
33-5	1130040003	• NUT	4				
33-6	1141110003	• WASHER	8				
35	1700008272	SWITCH	1				engine stop
37	0007300030	CLAMP	3				
40	0872433150	TUBE	12				
41	1703500712	HORN	1				
43	1711900076	CLAMP	2				
45	1100041016	BOLT	9				
46	1140330008	WASHER	4				
50	1140020010	WASHER, spring	9				
51	1141110010	WASHER	9				
52	1150410616	SCREW	4				
53	1150410625	SCREW	4				
55	1140330010	WASHER	3				
57	1140330005	WASHER	1				
62	1654625005	TRIM	1				sold by the meter
63	1654606013	SEAL	1				sold by the meter
	M0c040						

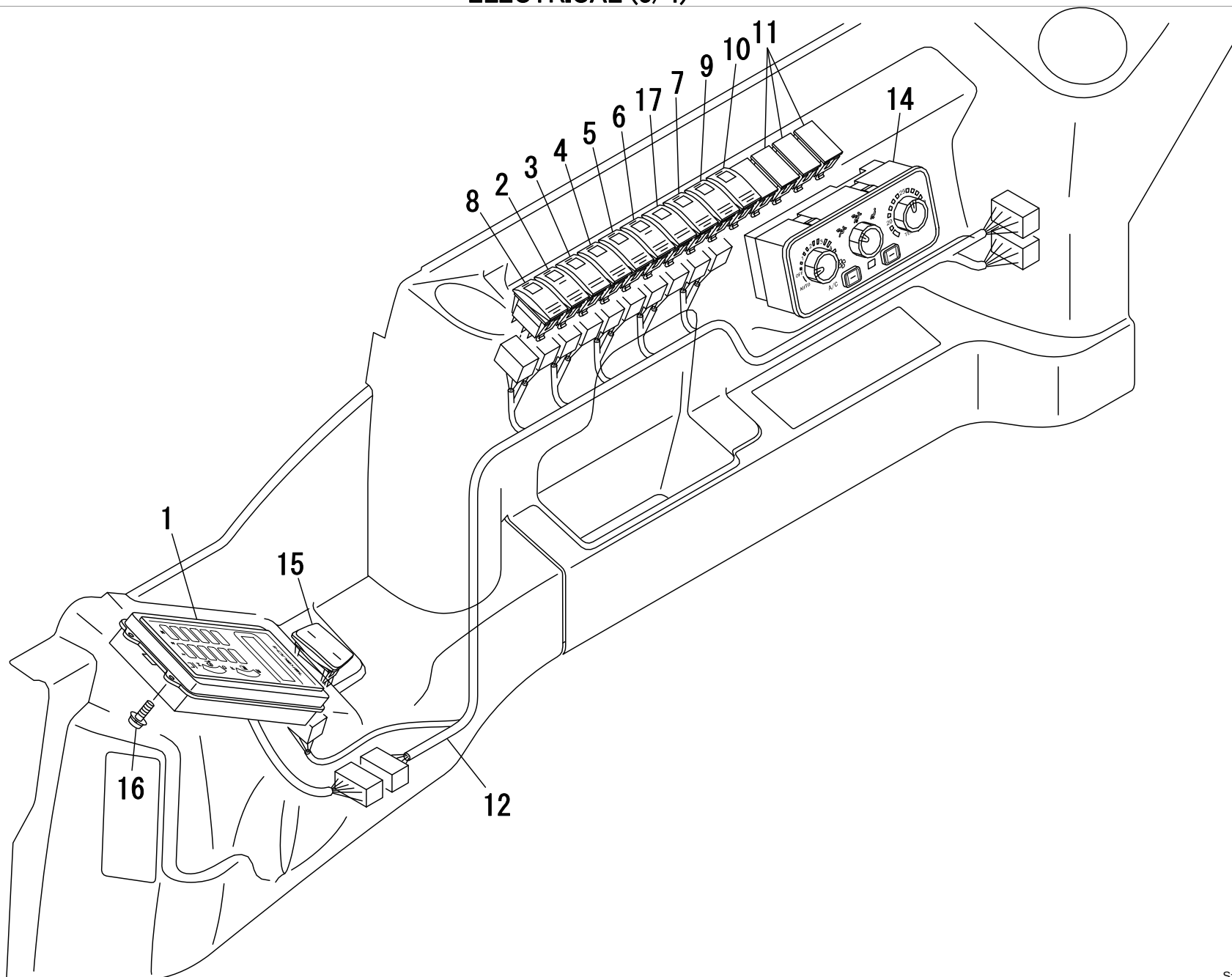


M1C070

S=1/6

ELECTRICAL (2/4)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0-1	0564263100	COVER ASSY	1				
1	0564263110	· PLATE	1				
2	1730145010	· CONTROLLER	1				
3	1911513026	· RELAY	2				
4	1711900161	· RELAY	1				
5	1130040006	· NUT	7				
6	1140020006	· WASHER, spring	7				
7	1141110006	· WASHER	7				
8	1150420310	· SCREW	2				
9	0872433150	· TUBE	2				
10	0573300610	· BUZZER	1				
	M1c070						



M1C170

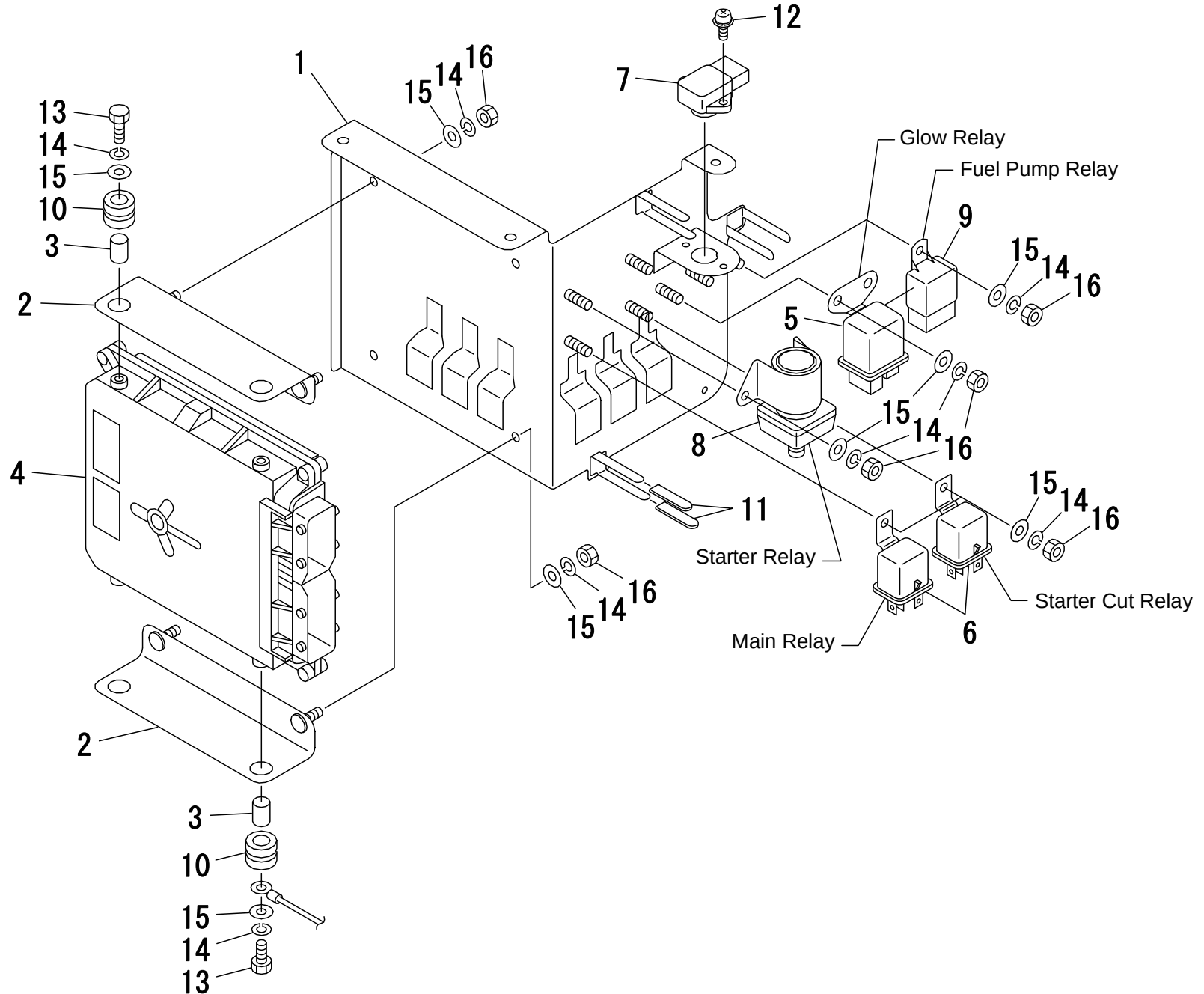
Reference M1C170

S=1/6

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ELECTRICAL (3/4)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0-2	0564263200	PANEL ASSY	1				
1	1730145040	· CLUSTER	1				
2	1700008200	· SWITCH	1				wiper
3	1700008210	· SWITCH	1				window washer
4	1700008220	· SWITCH	1				auto-decel.
5	1700008230	· SWITCH	1				eco. mode
6	1700008240	· SWITCH	1				highland mode
7	1700008250	· SWITCH	1				service detent
8	1700008260	· SWITCH	1				light
9	1700008270	· SWITCH	1				lift alarm
10	1700008280	· SWITCH	1				beacon lamp
11	1700008129	· PLUG	4				
12	0564263040	· HARNESS, wiring	1				
14	1911513840	· PANEL	1				
15	1700008290	· SWITCH	1				change display
16	1150410616	· SCREW	4				
17	1700008251	· SWITCH	1				
	M1c170						



M0C050

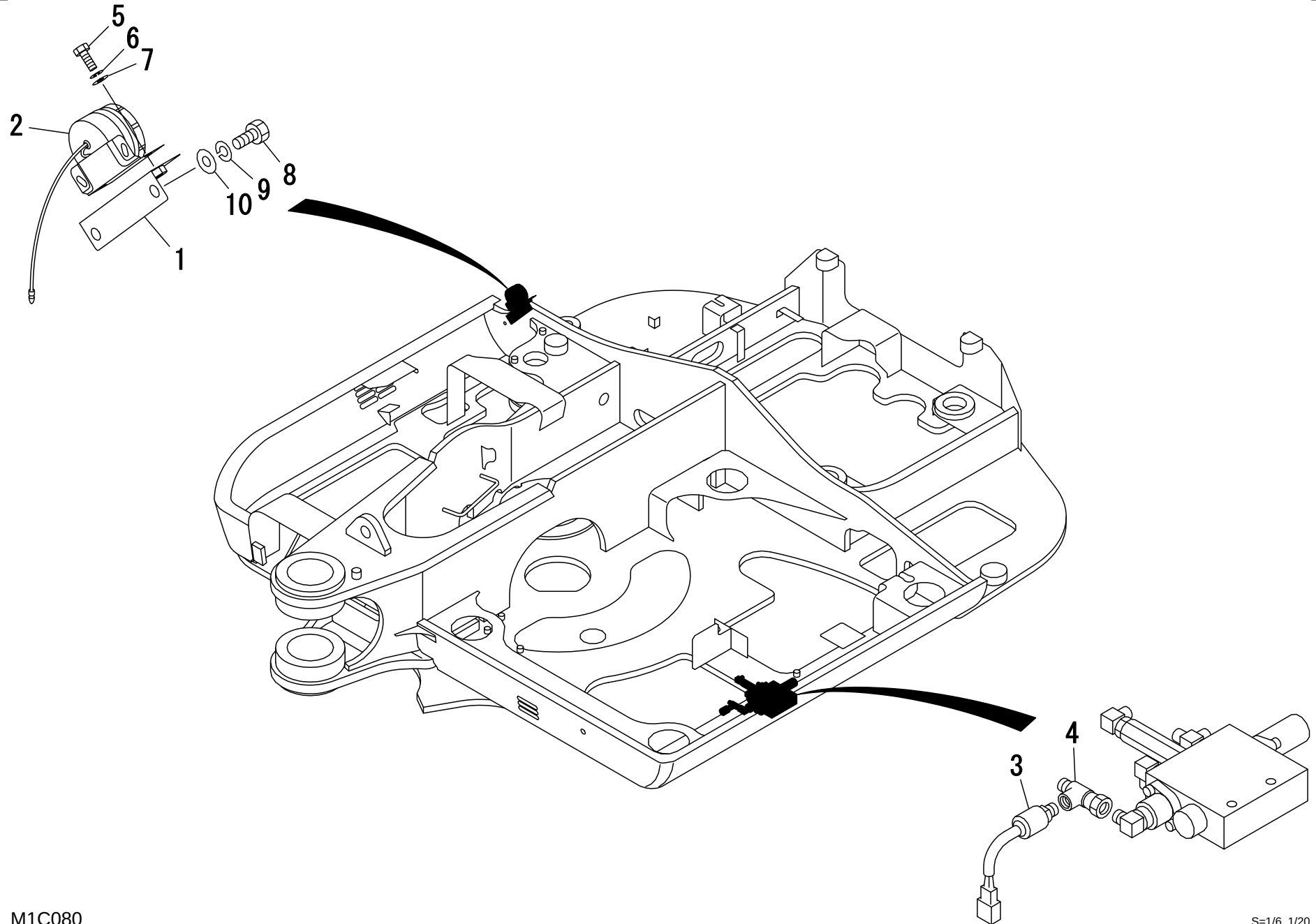
Reference M0C050

S=1/5

ELECTRICAL (4/4)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0-3	0564264300	RELAY ASSY	1				
1	0564264310	· BRACKET	1				
2	0564264320	· BRACKET	2				
3	0574206601	· PIPE	4				
4	1910288126	· ECM	1				
5	1910274125	· RELAY	1				I8970119490
6	1910274127	· RELAY	2				I5825500290
7	1910230127	· SENSOR	1				I8972177780
8	1700100097	· RELAY, starter	1				
9	1711900123	· RELAY	1				
10	1651057014	· GROMMET	4				
11	0872433150	· TUBE	8				
12	1150410520	· SCREW	2				
13	1100040630	· BOLT	4				
14	1140020006	· WASHER, spring	15				
15	1141110006	· WASHER	15				
16	1130040006	· NUT	11				
	M0c050						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
TRAVEL ALARM



M1C080

Reference M1C080

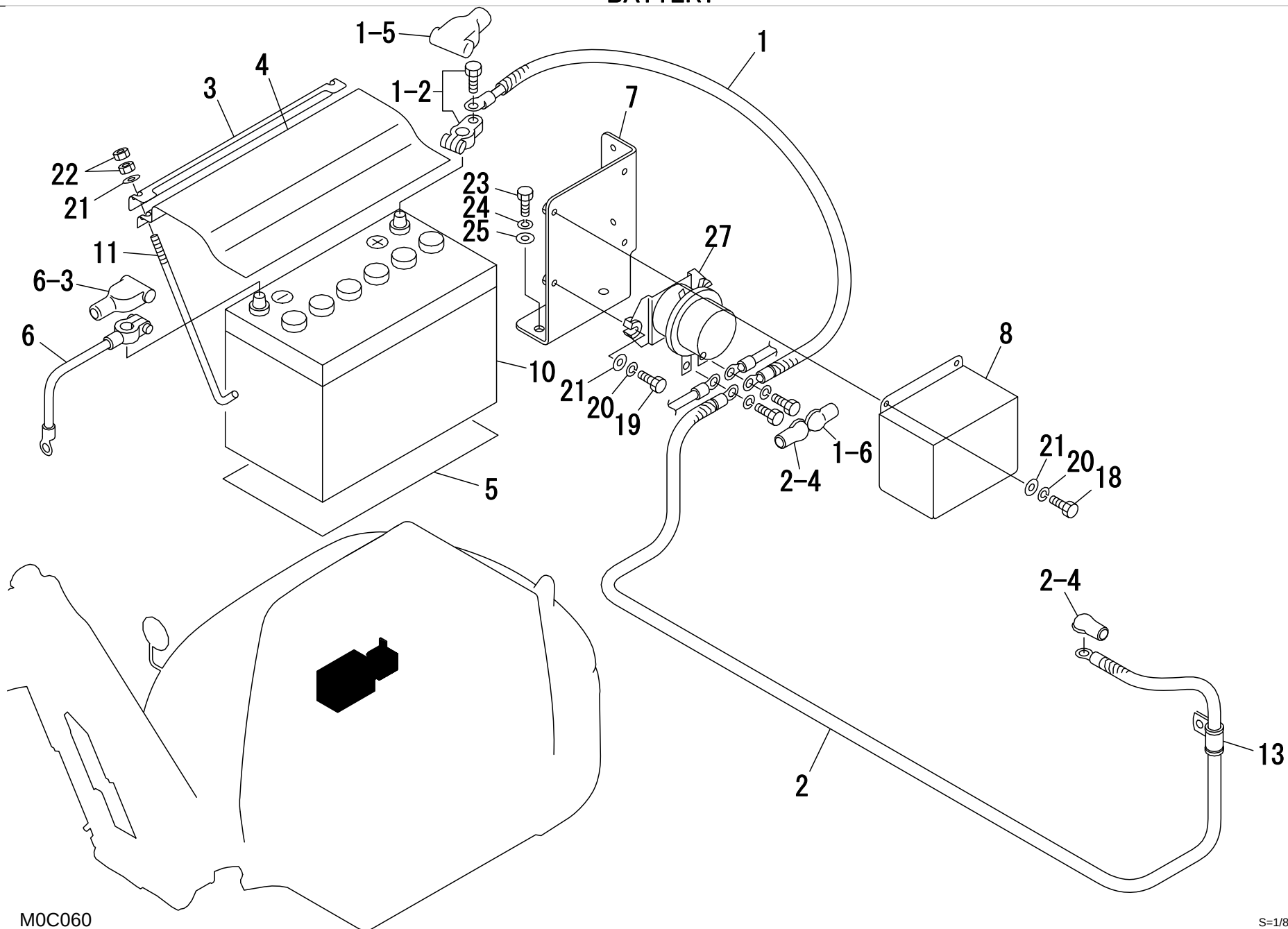
S=1/6, 1/20

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TRAVEL ALARM

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		ALARM ASSY, travel					
1	0564261510	BRACKET	1				
2	1703700013	BUZZER	1				
3	1700100065	SWITCH, pressure	1				
4	1513390047	TEE	1				
	1420010110	· O-RING	1				
5	1100040612	BOLT	2				
6	1140020006	WASHER, spring	2				
7	1141110006	WASHER	2				
8	1100041020	BOLT	2				
9	1140020010	WASHER, spring	2				
10	1141110010	WASHER	2				
	M1c080						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
BATTERY



M0C060

Reference M0C060

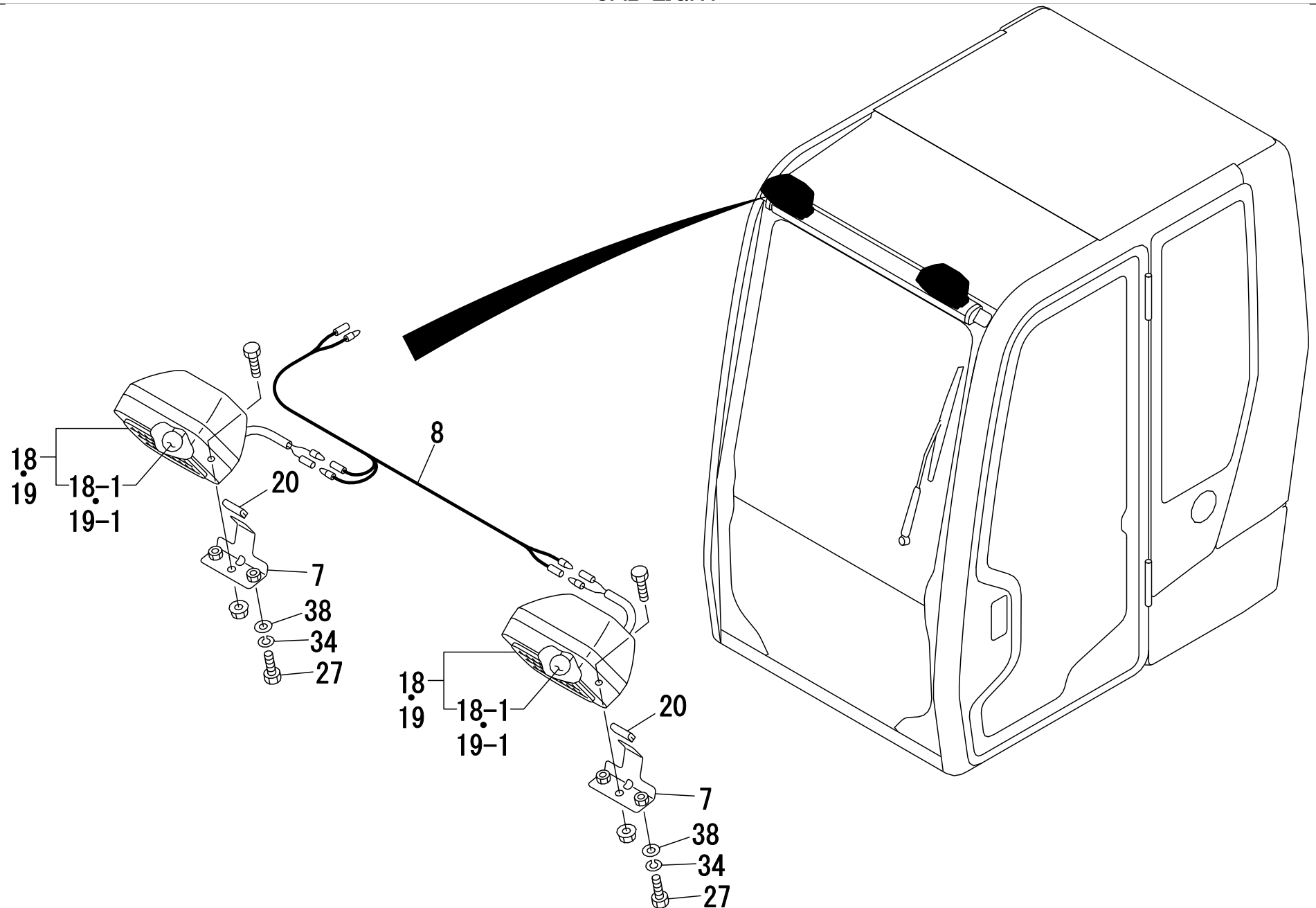
S=1/8, 1/37

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BATTERY

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		BATTERY ASSY					
1	0564433010	CABLE, battery	1				
1-2	1702330000	· TERMINAL	1				
1-5	1702920060	· COVER	1				
1-6	1702901283	· CAP	1				
2	0564433020	CABLE, battery	1				
2-4	1702901283	· CAP	2				
3	0564432030	CLAMP	1				
4	0564432040	COVER	1				
5	0564432050	SHEET	1				
6	0564432060	CABLE, earth	1				
6-3	1702920002	· COVER	1				
7	0564432070	BRACKET	1				
8	0564433080	COVER	1				
10	1702051531	BATTERY	1				
11	1702108245	BOLT	2				
13	1711900129	CLAMP	1				
18	1100040816	BOLT	2				
19	1100040830	BOLT	2				
20	1140020008	WASHER, spring	4				
21	1141110008	WASHER	6				
22	1130040008	NUT	4				
23	1100041025	BOLT	2				
24	1140020010	WASHER, spring	2				
25	1141110010	WASHER	2				
27	1910274126	RELAY	1				
	M0c060						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
CAB LIGHT



M1C100

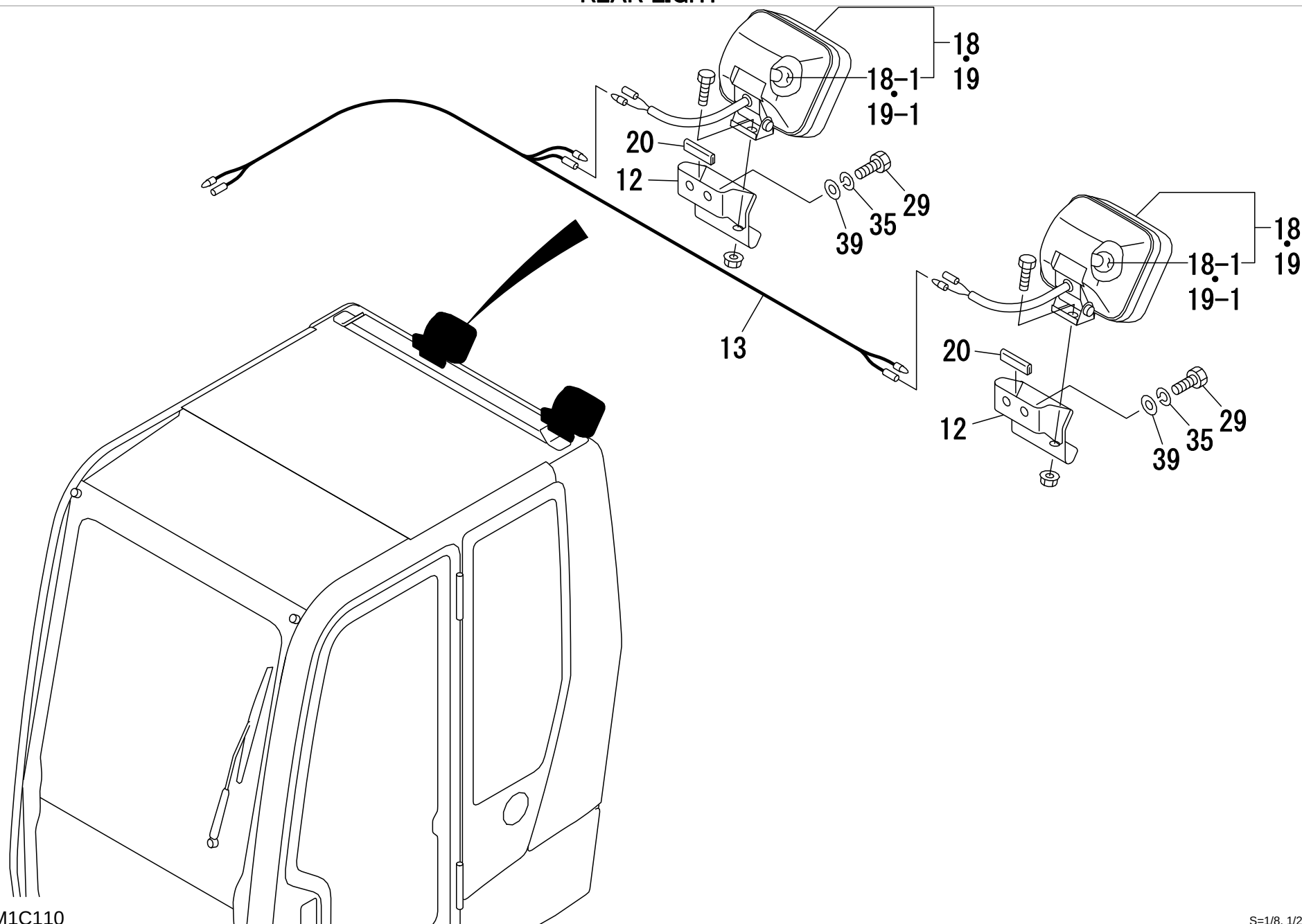
Reference M1C100

S=1/8, 1/20

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CAB LIGHT

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		LIGHT ASSY, cab (12V)					
		LIGHT ASSY, cab (24V)					
7	0568662610	BRACKET	2			M	
8	0568662620	HARNESS, wiring	1			M	
18	1703005500	LAMP ASSY	2			M	12V
18-1	1703005506	• BULB	1			M	
19	1703004800	LAMP ASSY	2			M	24V
19-1	1703004806	• BULB	1			M	
20	1654628003	TRIM	2			M	sold by the meter
27	1100040820	BOLT	4				
34	1140020008	WASHER, spring	4				
38	1141110008	WASHER	4				
	M1c100						

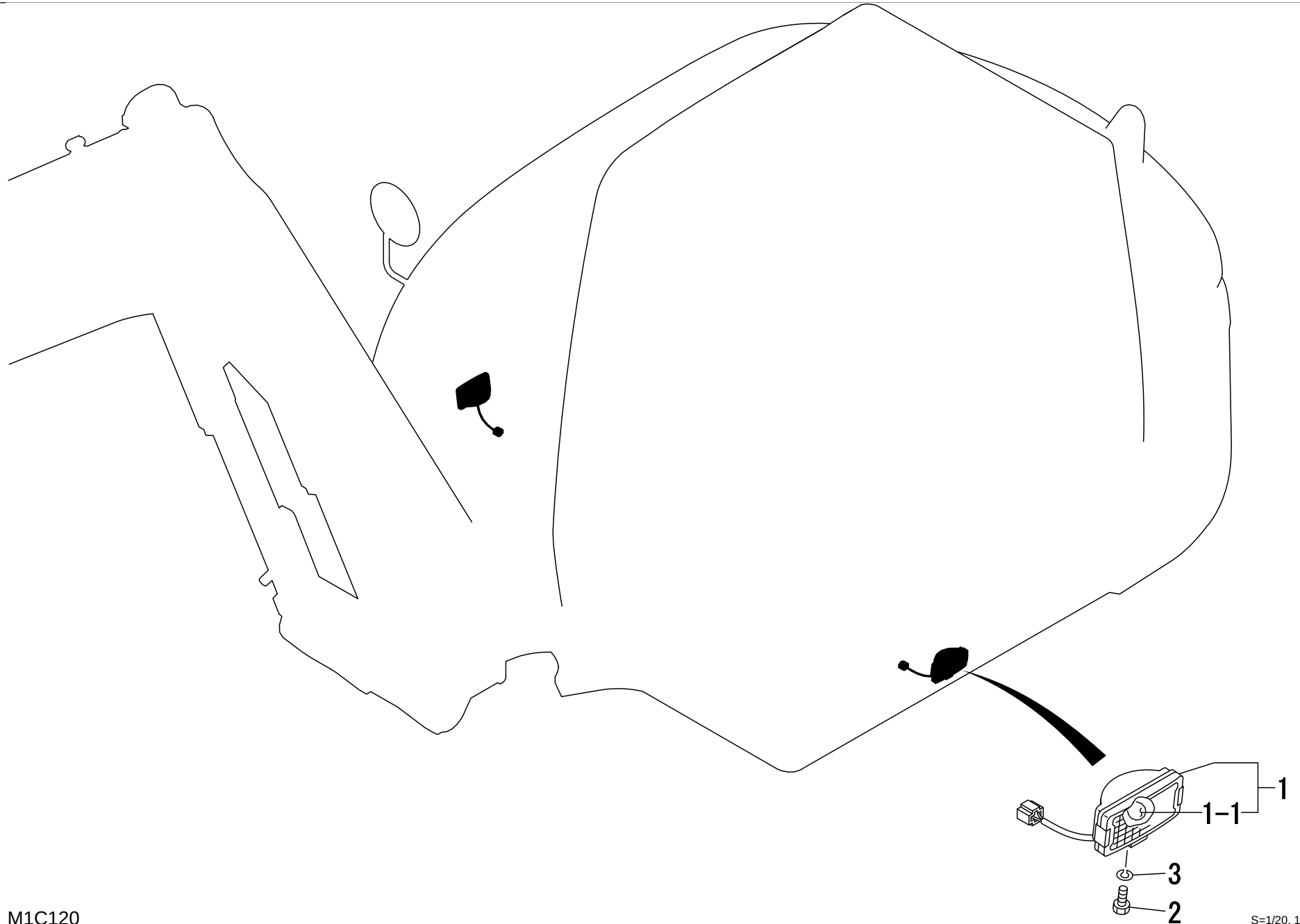


M1C110

Reference M1C110

REAR LIGHT

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		LIGHT ASSY, rear (12V)					
		LIGHT ASSY, rear (24V)					
12	0568662810	BRACKET	2			M	
13	0568662820	HARNESS, wiring	1			M	
18	1703005500	LAMP ASSY	2			M	12V
18-1	1703005506	• BULB	1			M	
19	1703004800	LAMP ASSY	2			M	24V
19-1	1703004806	• BULB	1			M	
20	1654628003	TRIM	2			M	sold by the meter
29	1100041025	BOLT	4				
35	1140020010	WASHER, spring	4				
39	1141110010	WASHER	4				
	M1c110						

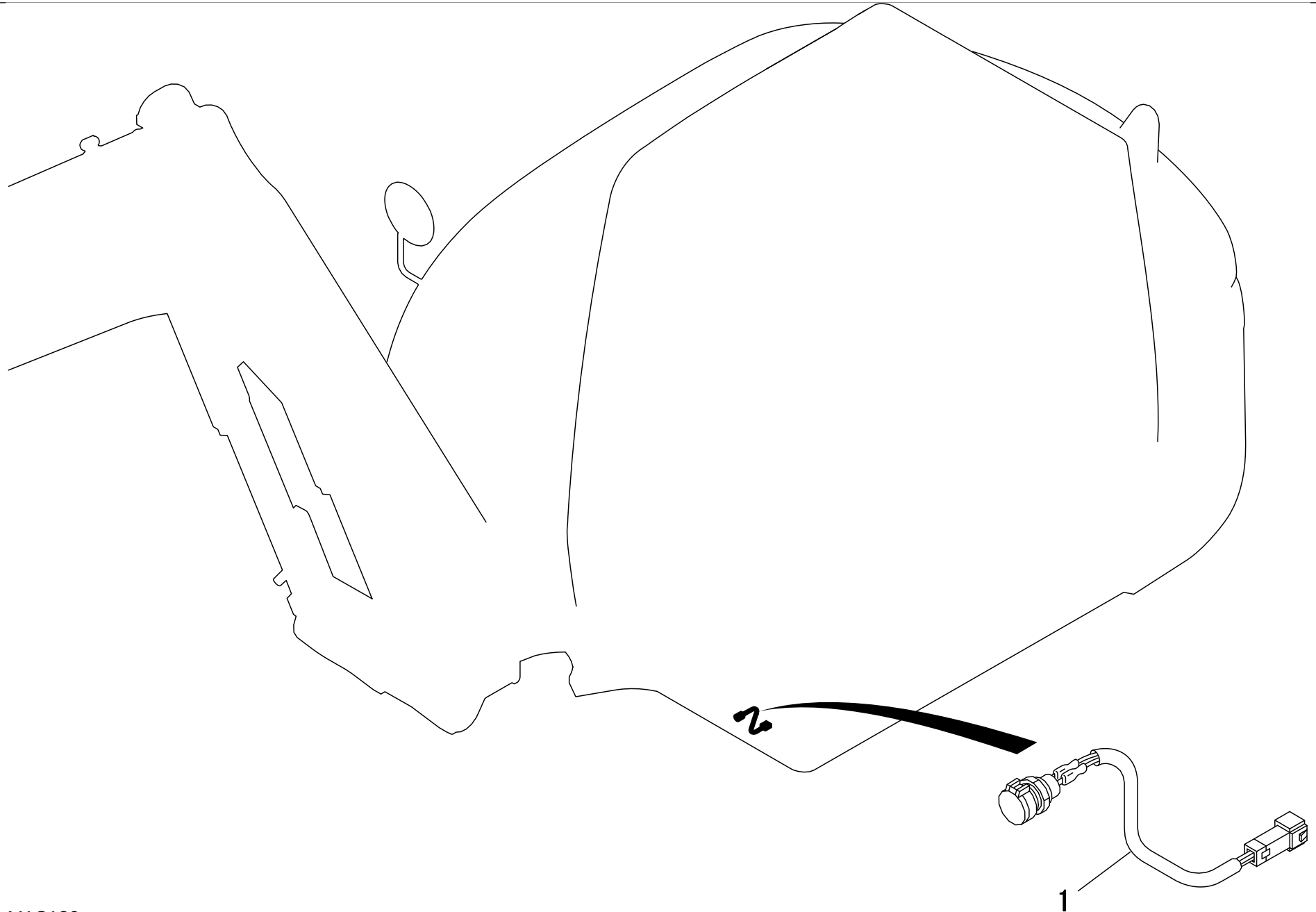


M1C120

Reference M1C120

SIDE LIGHT

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		LIGHT ASSY, side					
1	1703006800	LAMP ASSY	2				
1-1	1703006801	• BULB	1				
2	1100040816	BOLT	2				
3	1140020008	WASHER, spring	2				
	L7c240						



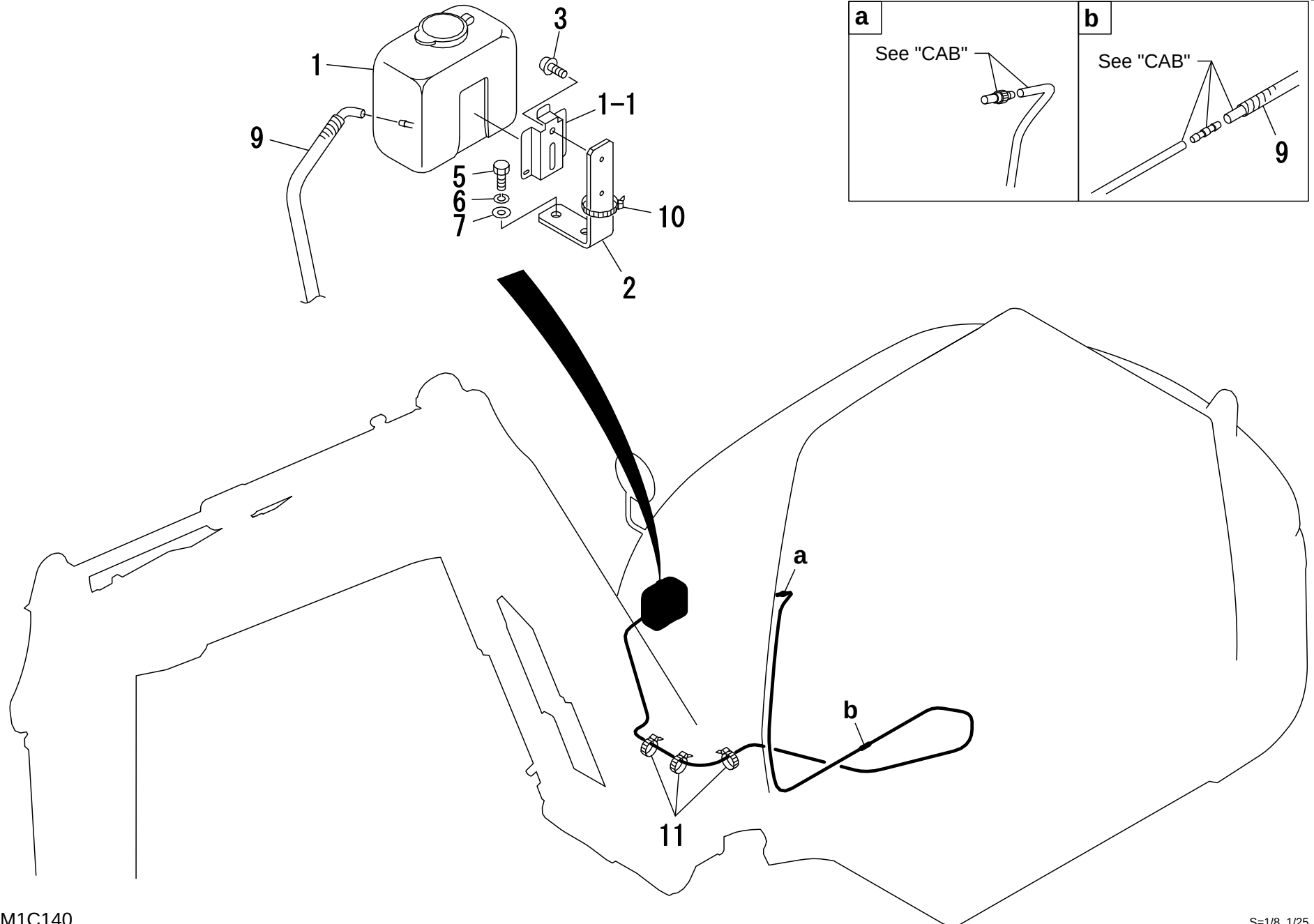
M1C130

Reference M1C130

MAINTENANCE LIGHT SOCKET

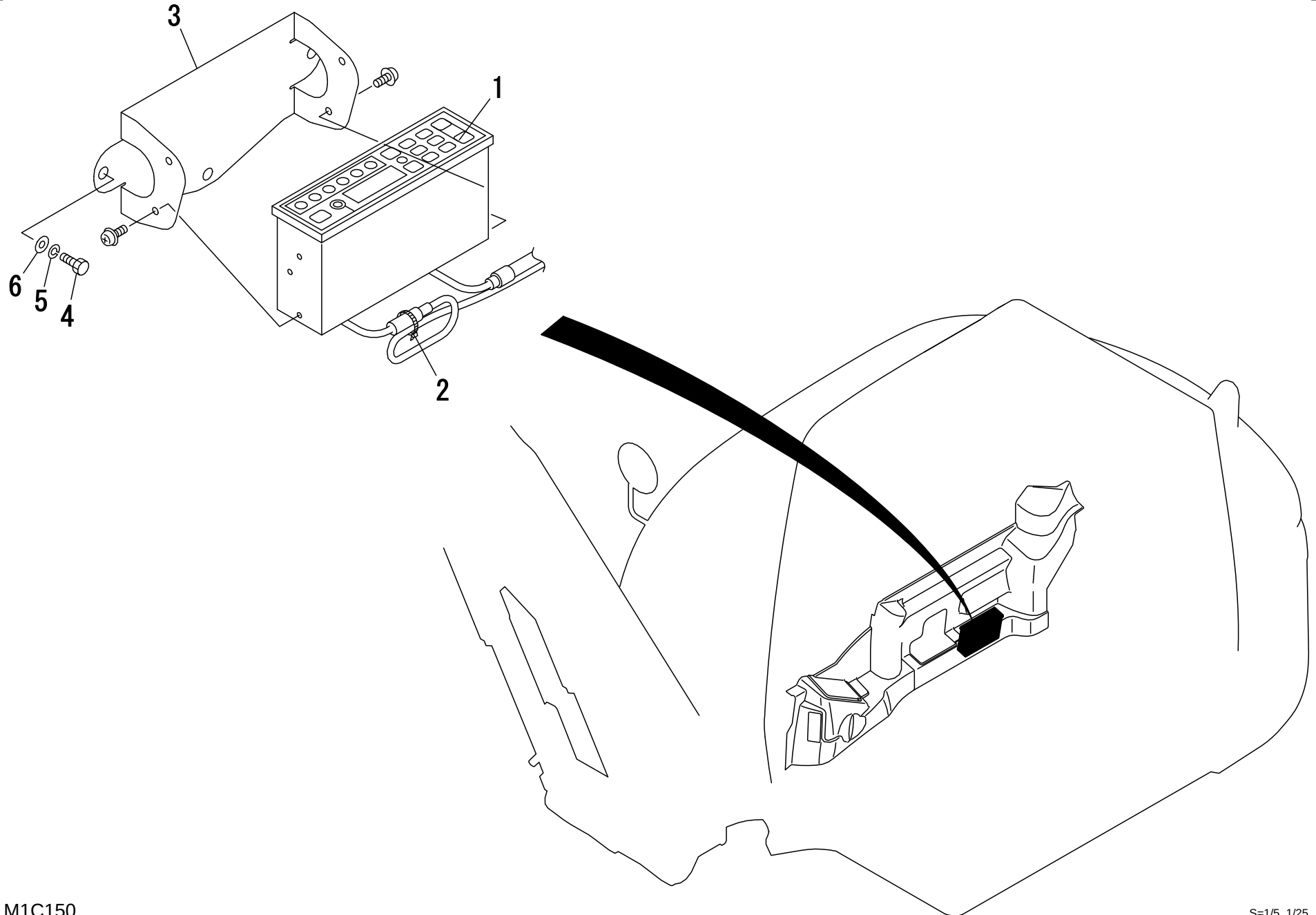
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	0394203100 L3c150	SOCKET ASSY, maintenance light SOCKET ASSY	1				

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
WINDOW WASHER



WINDOW WASHER

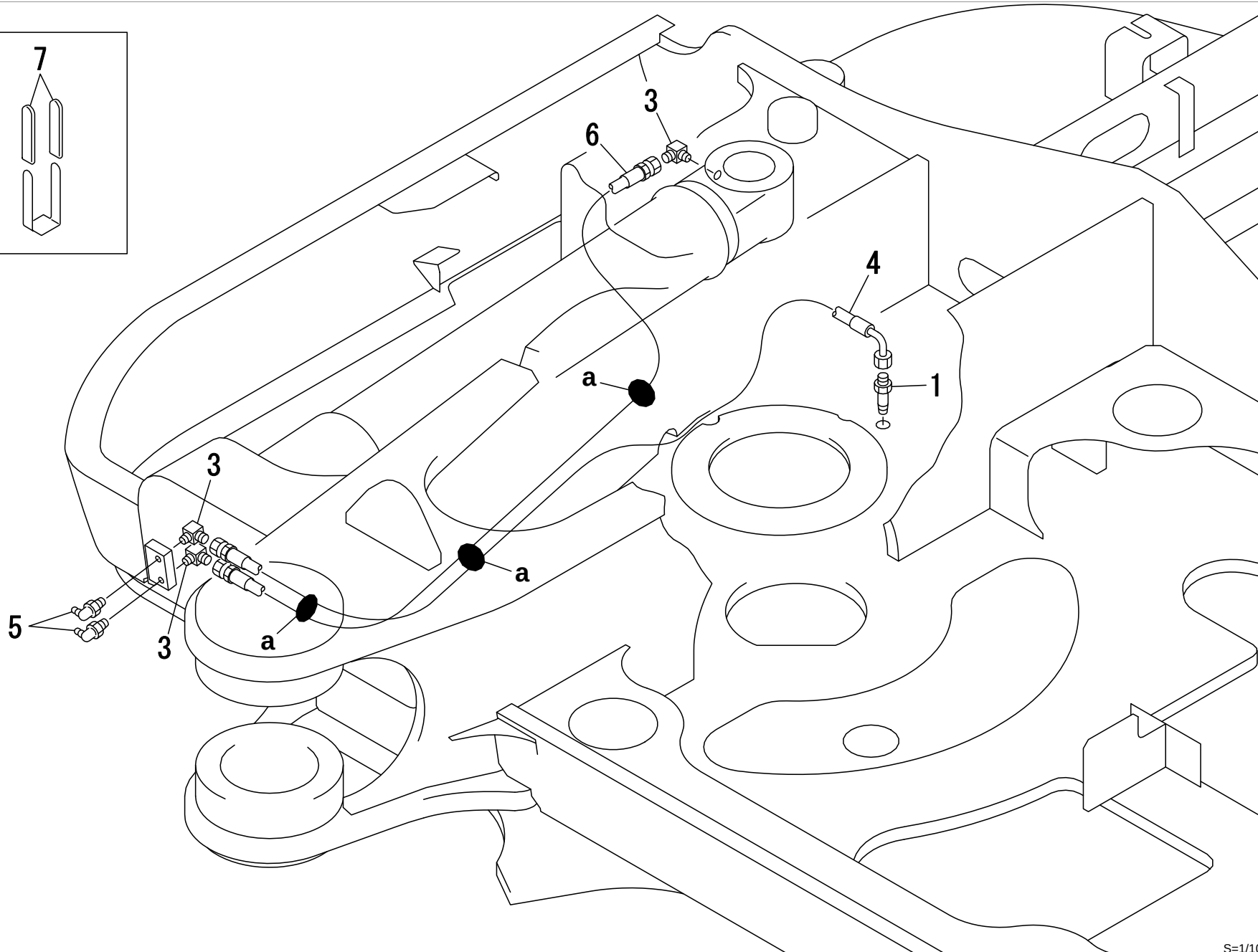
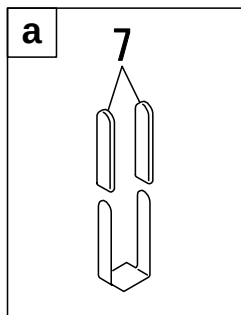
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		WASHER ASSY, window					
1	1711910290	TANK	1				
1-1	1711910291	· BRACKET	1				
2	0568903810	BRACKET	1				
3	1150410612	BOLT, sems	2				
5	1100041020	BOLT	2				
6	1140020010	WASHER, spring	2				
7	1141110010	WASHER	2				
9	1703230780	PROTECTOR	1				sold by the meter
10	1652231140	BAND	1				
11	1652241150	BAND	3				
	M1c140						



RADIO

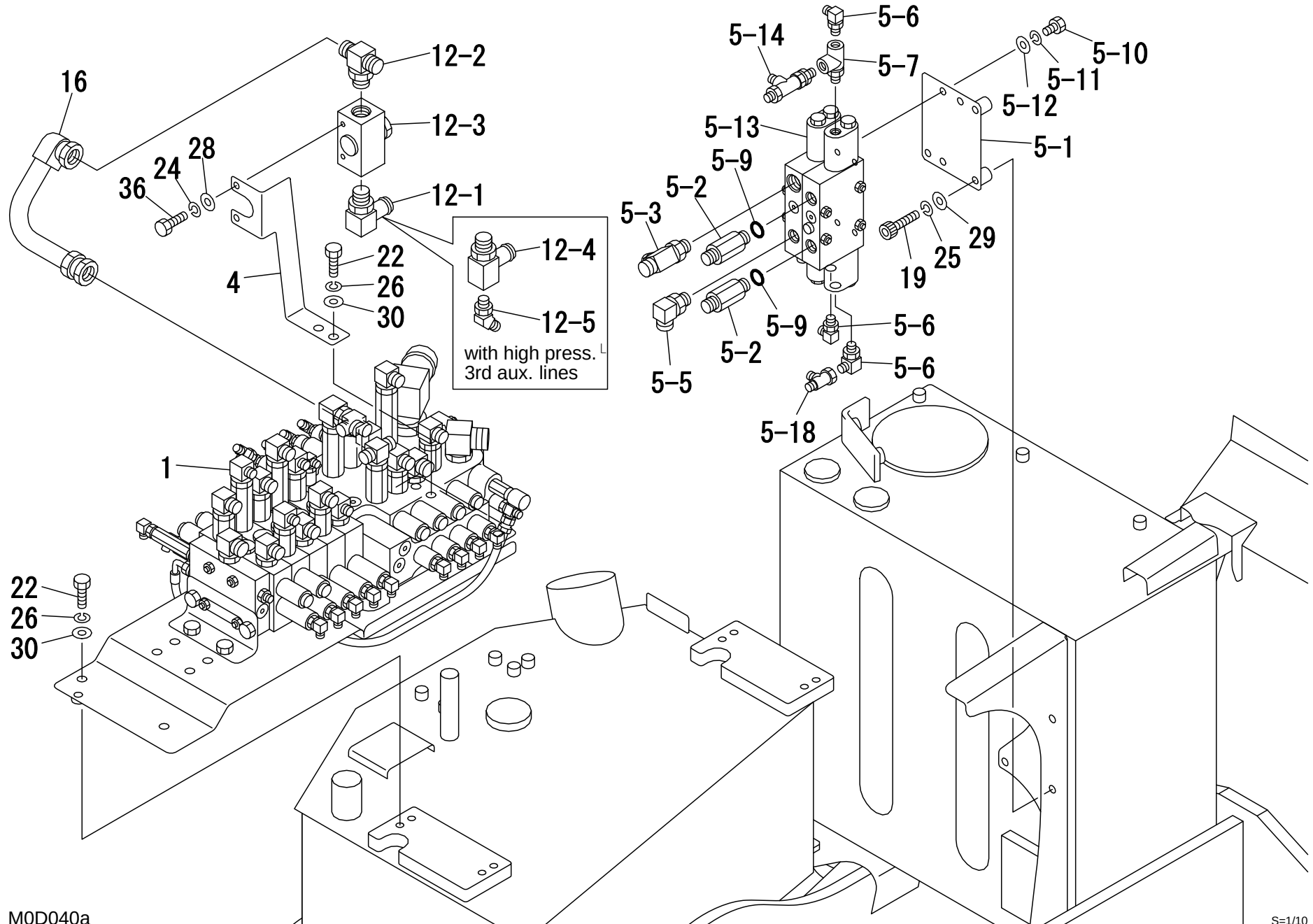
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		RADIO ASSY (Japan)					
		RADIO ASSY (America)					
		RADIO ASSY (Europe, Asia, Oceania)					
1	1705004750	AM/FM RADIO (Europe, Asia, Oceania)	1				
	1705004760	AM/FM RADIO (America)	1				
	1705004770	AM/FM RADIO (Japan)	1				
2	1652231100	BAND	1				
3	0564711010	BRACKET	1				
4	1100040816	BOLT	3				
5	1140020008	WASHER, spring	3				
6	1141110008	WASHER	3				
	M1c150						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
GREASE PIPING



GREASE PIPING

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		PIPING ASSY, grease					
1	0007203091	ADAPTOR	1				
3	1511150201	ELBOW	3				
4	1934752135	HOSE ASSY	1				
5	1560001675	FITTING, grease	2				
6	1934722145	HOSE ASSY	1				
7	0872433150	TUBE	6				
	M1d010						

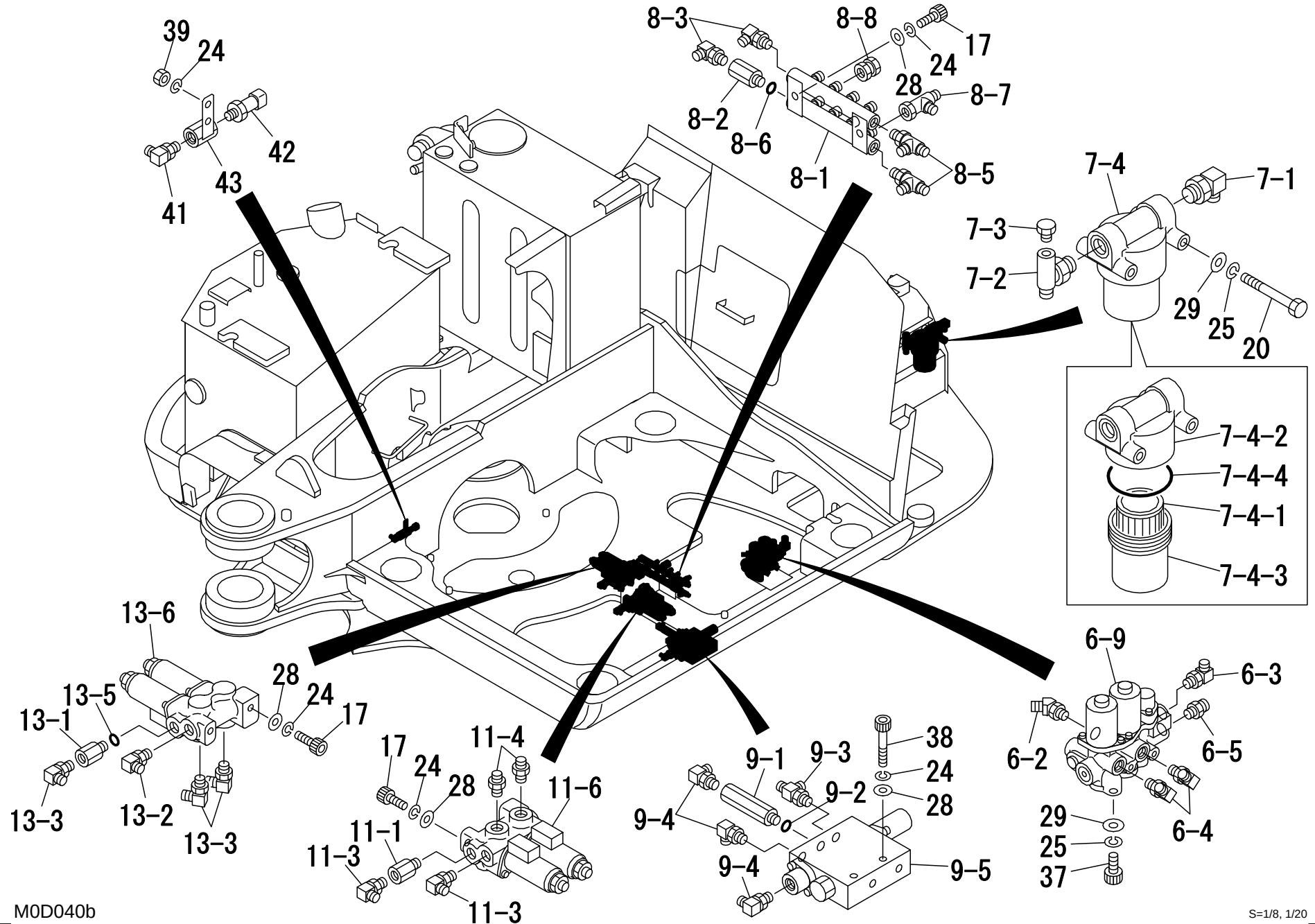


MOD040a

Reference MOD040a

S=1/10

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
VALVE & ACCESSORIES (1/2)



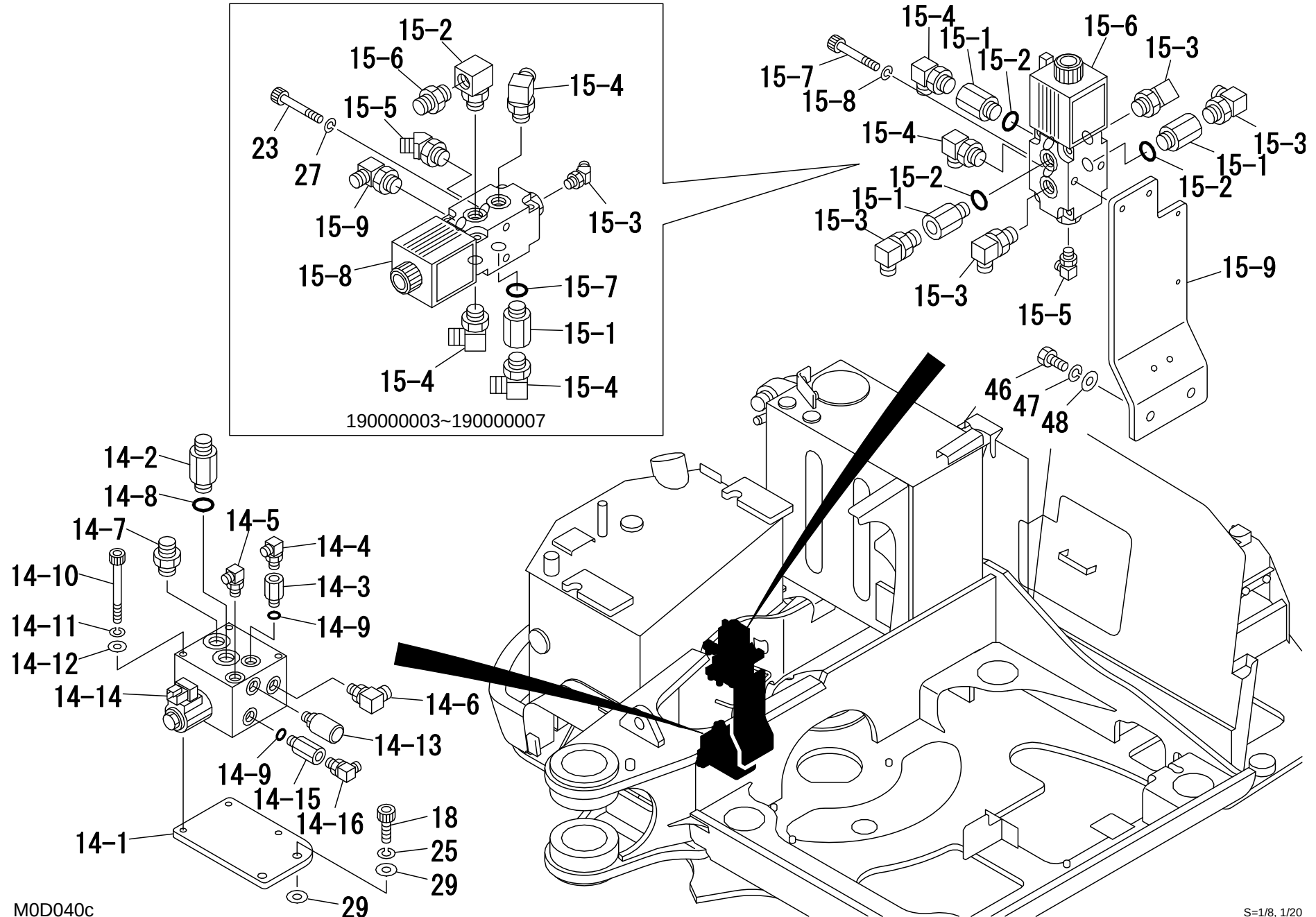
MOD040b

Reference MOD040a

S=1/8, 1/20

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TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
VALVE & ACCESSORIES (1/2)



MOD040c

Reference MOD040a

S=1/8, 1/20

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VALVE & ACCESSORIES (1/2)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		VALVE ASSY, control					
		VALVE ASSY, control (with high press. 3rd aux. line)					
		VALVE ASSY, control (with high press. 3rd & 4th aux. line)					
1	0565068120	VALVE SUB ASSY, control	1				see page (2/2)
	0565068130	VALVE SUB ASSY, control (with high press. 3rd aux. line)	1				see page (2/2)
4	0565068060	BRACKET	1				
5	0565068150	VALVE ASSY, control (for slewing)	1				
5-1	0565067555	· BRACKET	1				
5-2	0007203006	· ADAPTOR	2				
5-3	1512373008	· TEE	1				
	1420010240	· · O-RING	1				
5-5	1515010132	· ELBOW	1				
	1420010180	· · O-RING	1				
5-6	1515012040	· ELBOW	3				
	1420010110	· · O-RING	1				
5-7	1513370031	· TEE	1				
	1420010110	· · O-RING	1				
5-9	1420010180	· O-RING	2				
5-10	1100041016	· BOLT	3				
5-11	1140020010	· WASHER, spring	3				
5-12	1141110010	· WASHER	3				
5-13	1901049200	· VALVE, control	1				
5-14	1901735300	· VALVE, shuttle	1				
	1420010110	· · O-RING	1				
5-18	1513390015	· TEE	1			M	
6	0565067560	VALVE ASSY, solenoid	1				
6-2	1515100110	· ELBOW	1				
	1420010110	· · O-RING	1				
6-3	1515012041	· ELBOW	1			M	
	1420010140	· · O-RING	1				
6-4	1515012040	· ELBOW	2				
	1420010110	· · O-RING	1				
6-5	1515600571	· ADAPTOR	1				
	1420010110	· · O-RING	1				
6-9	1901748900	· VALVE, solenoid	1				
7	0565067570	FILTER ASSY	1				
7-1	1515010051	· ELBOW	1				
	1420010180	· · O-RING	1				
7-2	1512350003	· ELBOW	1				
	1420010180	· · O-RING	1				
7-3	1501750002	· PLUG	1				
	1420010110	· · O-RING	1				
7-4	1551200600	· FILTER	1				
7-4-1	1551200601	· · ELEMENT	1				
7-4-2	1551200602	· · COVER, head	1				
7-4-3	1551200603	· · CASE	1				
7-4-4	1551200604	· · O-RING	1				
8	0565067590	MANIFOLD ASSY	1				
8-1	0375020040	· MANIFOLD	1				
8-2	0007213028	· BUSHING	1				
8-3	1515012040	· ELBOW	2				
	1420010110	· · O-RING	1				
8-5	1512370011	· TEE	2				
	1420010110	· · O-RING	1				
8-6	1420010110	· O-RING	1				
8-7	1513390015	· TEE	1				

VALVE & ACCESSORIES (1/2)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
8-8	1513900002	· SOCKET	1				
9	0565068160	VALVE ASSY, reducing	1				
9-1	0007213041	· BUSHING	1				
9-2	1420010110	· O-RING	1				
9-3	1512370011	· TEE	1				
	1420010110	· · O-RING	1				
9-4	1515012040	· ELBOW	3				
	1420010110	· · O-RING	1				
9-5	1901760800	· VALVE, reducing	1				
11	0565067610	VALVE ASSY, solenoid	1				
11-1	1513370046	· BUSHING (with filter)	1				
	1420010110	· · O-RING	1				
11-3	1515012040	· ELBOW	2				
	1420010110	· · O-RING	1				
11-4	1515600200	· ADAPTOR	2				
	1420010110	· · O-RING	1				
11-6	1901752100	· VALVE, solenoid	1				
12	0565067620	VALVE ASSY, stop	1				
	0565067670	VALVE ASSY, stop (with high press. 3rd aux. line)	1				
12-1	1513350005	· CONNECTOR	1				
	1420010240	· · O-RING	1				
12-2	1512374018	· TEE	1				
	1420010240	· · O-RING	1				
12-3	1901723700	· VALVE, stop	1				
12-4	0565067671	· ELBOW	1				with high press. 3rd aux. line
	1420010240	· · O-RING	1				
12-5	1515100111	· ELBOW	1				with high press. 3rd aux. line
	1420010140	· · O-RING	1				
13	0565067630	VALVE ASSY, solenoid	1				
13-1	0007213028	· BUSHING	1				
13-2	1512375004	· ELBOW	1				
	1420010110	· · O-RING	1				
13-3	1515012040	· ELBOW	3				
	1420010110	· · O-RING	1				
13-5	1420010110	· O-RING	1				
13-6	1901752100	· VALVE, solenoid	1				
14	0565067640	VALVE ASSY, solenoid (with high press. 3rd aux. line)	1				
14-1	0565067641	· BRACKET	1				
14-2	0007203041	· ADAPTOR	1				
14-3	0007213042	· BUSHING	1				
14-4	0575003630	· ELBOW (with orifice)	1				
	1420010110	· · O-RING	1				
14-5	1515012040	· ELBOW	1				
	1420010110	· · O-RING	1				
14-6	1515010130	· ELBOW	1				
	1420010110	· · O-RING	1				
14-7	1515600202	· ADAPTOR	1				
	1420010180	· · O-RING	1				
14-8	1420010180	· O-RING	1				
14-9	1420010110	· O-RING	2				
14-10	1110040890	· SCREW, cap	3				
14-11	1140020008	· WASHER, spring	3				
14-12	1141110008	· WASHER	3				
14-13	1700100065	· SWITCH, pressure	1				
	1420010110	· · O-RING	1				
14-14	1901751600	· VALVE, solenoid	1				

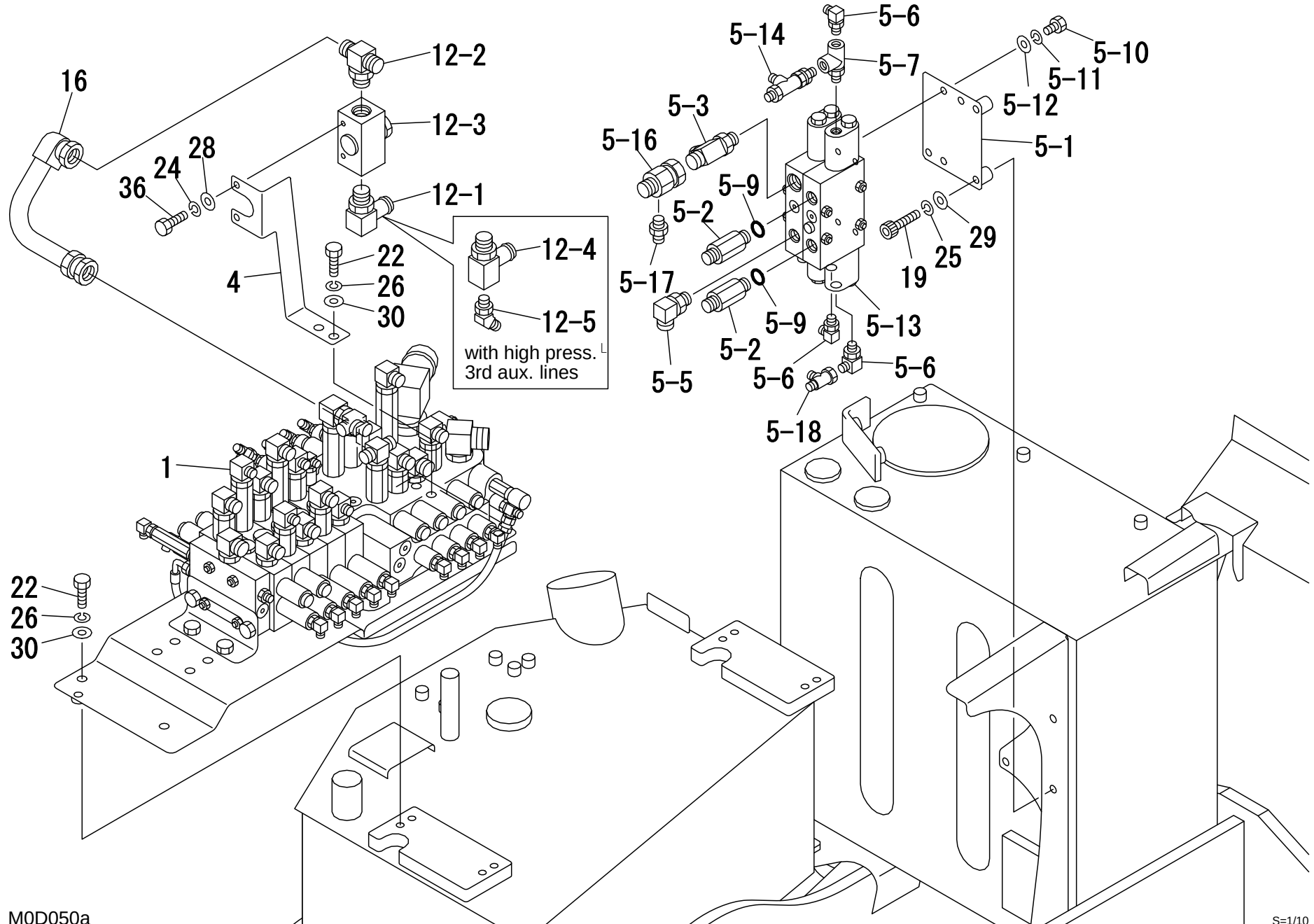
VALVE & ACCESSORIES (1/2)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
14-15	0007213028	• BUSHING	1				
14-16	1512375004	• ELBOW	1				
	1420010110	• • O-RING	1				
15	0565067650	VALVE ASSY, solenoid (with 4th aux. line)	1		190000003~190000007		
15-1	0007213011	• BUSHING	1				
15-2	1513300016	• ELBOW	1				
	1420010180	• • O-RING	1				
15-3	1515100110	• ELBOW	1				
	1420010110	• • O-RING	1				
15-4	1515010042	• ELBOW	3				
	1420010180	• • O-RING	1				
15-5	1515100047	• ELBOW	1				
	1420010180	• • O-RING	1				
15-6	1515600202	• ADAPTOR	1				
	1420010180	• • O-RING	1				
15-7	1420010180	• O-RING	1				
15-8	1901749100	• VALVE, solenoid	1				
15-9	1515010051	• ELBOW	1				
	1420010180	• • O-RING	1				
15	0565068230	VALVE ASSY, solenoid (with 4th aux. line)	1		190000008~	M	
15-1	0007213011	• BUSHING	3				
15-2	1420010180	• O-RING	3				
15-3	1515012042	• ELBOW	4			M	
	1420010180	• • O-RING	1			M	
15-4	1515010051	• ELBOW	2				
	1420010180	• • O-RING	1				
15-5	1515012040	• ELBOW	1			M	
	1420010110	• • O-RING	1			M	
15-6	1901749100	• VALVE, solenoid	1				
15-7	1110040870	• SCREW, cap	2				
15-8	1140420008	• WASHER, spring	2				
15-9	0565068090	• BRACKET	1			M	
16	0565067660	PIPE	1				
17	1110040820	SCREW, cap	6				
18	1110041025	SCREW, cap	2				with high press. 3rd aux. line
19	1110041040	SCREW, cap	3				
20	1100141000	BOLT	2				
22	1100041230	BOLT	5				
23	1110040865	SCREW, cap	2		190000003~190000007		with 4th aux. line
24	1140020008	WASHER, spring	12				
25	1140020010	WASHER, spring	7				
	1140020010	WASHER, spring	9				with high press. 3rd aux. line
26	1140020012	WASHER, spring	5				
27	1140420008	WASHER, spring	2		190000003~190000007		with 4th aux. line
28	1141110008	WASHER	10				
29	1141110010	WASHER	7				
	1141110010	WASHER	11				with high press. 3rd aux. line
30	1141550012	WASHER	5				
36	1100040820	BOLT	2				
37	1110041020	SCREW, cap	2				
38	1110040850	SCREW, cap	2				
39	1130040008	NUT	2				
41	1515012040	ELBOW	1				
	1420010110	• O-RING	1				
42	1700100126	TRANSMITTER, pressure	1				
43	0565068210	BUSHING	1				

VALVE & ACCESSORIES (1/2)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
46	1101041230	BOLT	2		190000008~		with 4th aux. line
47	1140020012	WASHER, spring	2		190000008~		with 4th aux. line
48	1141110012	WASHER	2		190000008~		with 4th aux. line
	M0d040						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
VALVE & ACCESSORIES (1/2) (with blade float)

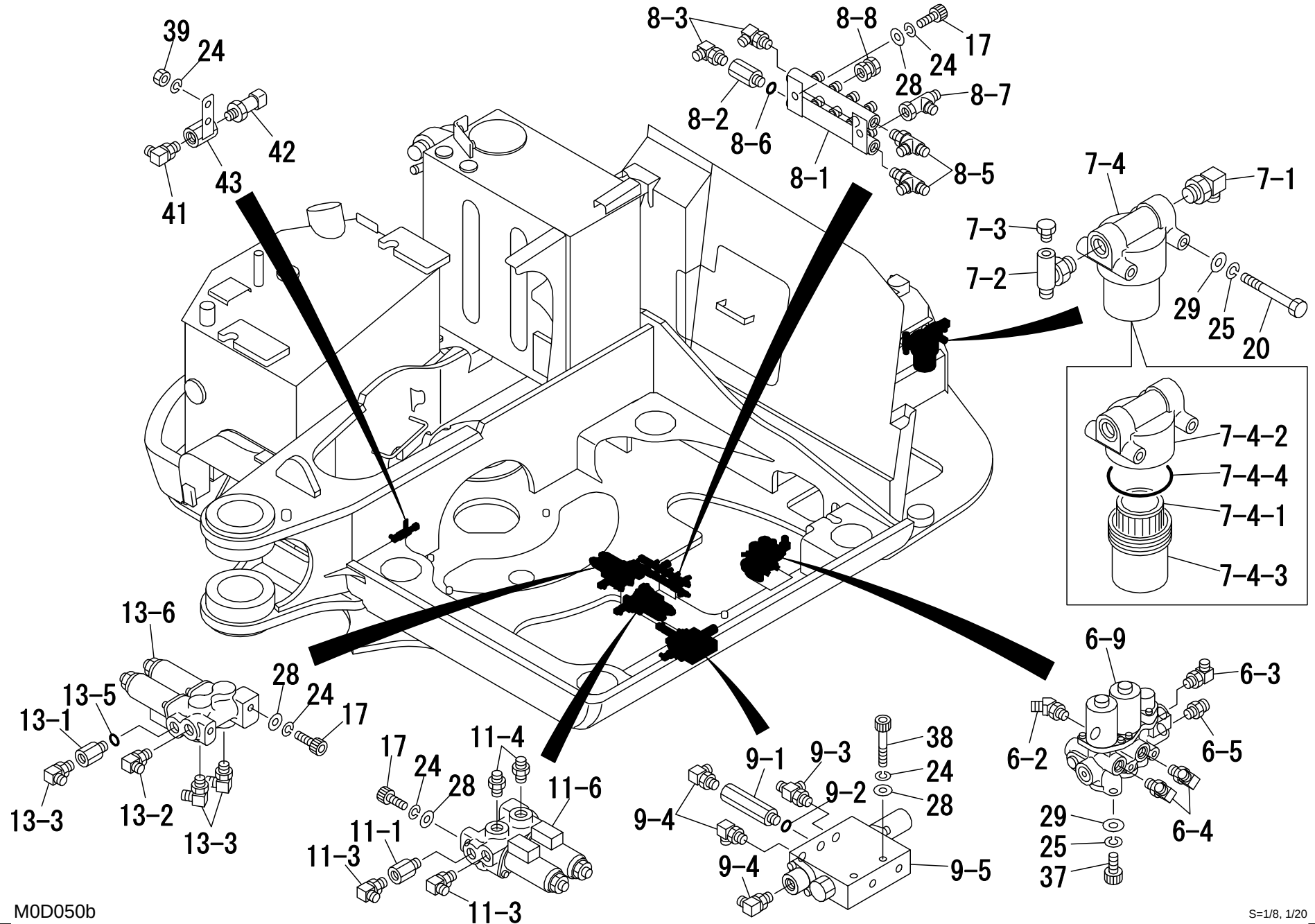


M0D050a

Reference M0D050a

S=1/10

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
VALVE & ACCESSORIES (1/2) (with blade float)



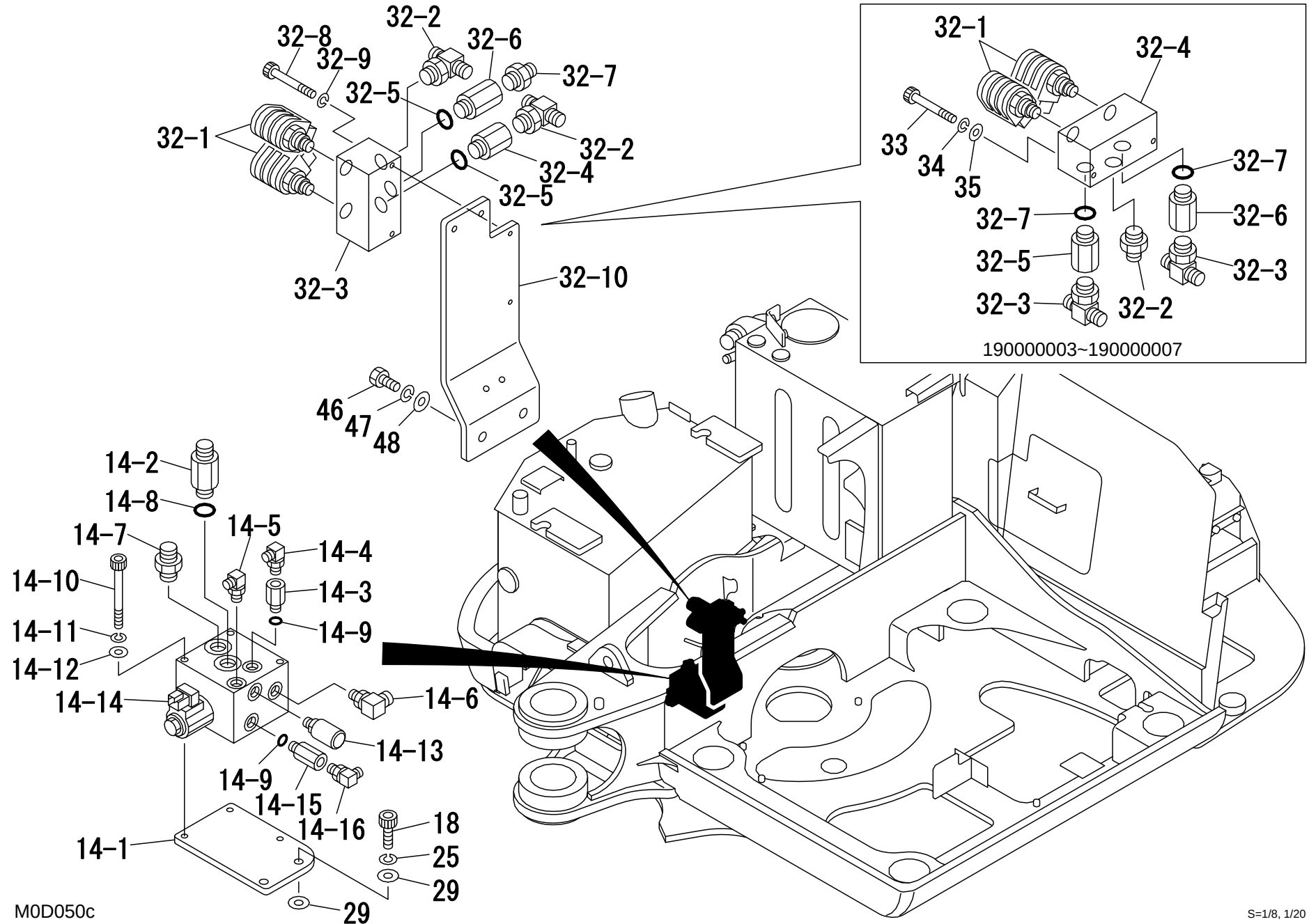
MOD050b

Reference MOD050a

S=1/8, 1/20

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TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
VALVE & ACCESSORIES (1/2) (with blade float)



M0D050c

Reference M0D050a

S=1/8, 1/20

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VALVE & ACCESSORIES (1/2) (with blade float)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		VALVE ASSY, control					
		VALVE ASSY, control (with high press. 3rd aux. line)					
1	0565068120	VALVE SUB ASSY, control	1				see page (2/2)
	0565068130	VALVE SUB ASSY, control (with high press. 3rd aux. line)	1				see page (2/2)
4	0565068060	BRACKET	1				
5	0565068190	VALVE ASSY, control (for slewing)	1				
5-1	0565067555	• BRACKET	1				
5-2	0007203006	• ADAPTOR	2				
5-3	1512373008	• TEE	1				
	1420010240	• • O-RING	1				
5-5	1515010132	• ELBOW	1				
	1420010180	• • O-RING	1				
5-6	1515012040	• ELBOW	3				
	1420010110	• • O-RING	1				
5-7	1513370031	• TEE	1				
	1420010110	• • O-RING	1				
5-9	1420010180	• O-RING	2				
5-10	1100041016	• BOLT	3				
5-11	1140020010	• WASHER, spring	3				
5-12	1141110010	• WASHER	3				
5-13	1901049200	• VALVE, control	1				
5-14	1901735300	• VALVE, shuttle	1				
	1420010110	• • O-RING	1				
5-16	0007990091	• ADAPTOR	1				
5-17	1515600571	• ADAPTOR	1				
	1420010110	• • O-RING	1				
5-18	1513390015	• TEE	1			M	
6	0565067560	VALVE ASSY, solenoid	1				
6-2	1515100110	• ELBOW	1				
	1420010110	• • O-RING	1				
6-3	1515012041	• ELBOW	1			M	
	1420010140	• • O-RING	1				
6-4	1515012040	• ELBOW	2				
	1420010110	• • O-RING	1				
6-5	1515600571	• ADAPTOR	1				
	1420010110	• • O-RING	1				
6-9	1901748900	• VALVE, solenoid	1				
7	0565067570	FILTER ASSY	1				
7-1	1515010051	• ELBOW	1				
	1420010180	• • O-RING	1				
7-2	1512350003	• ELBOW	1				
	1420010180	• • O-RING	1				
7-3	1501750002	• PLUG	1				
	1420010110	• • O-RING	1				
7-4	1551200600	• FILTER	1				
7-4-1	1551200601	• • ELEMENT	1				
7-4-2	1551200602	• • COVER, head	1				
7-4-3	1551200603	• • CASE	1				
7-4-4	1551200604	• • O-RING	1				
8	0565067590	MANIFOLD ASSY	1				
8-1	0375020040	• MANIFOLD	1				
8-2	0007213028	• BUSHING	1				
8-3	1515012040	• ELBOW	2				
	1420010110	• • O-RING	1				
8-5	1512370011	• TEE	2				
	1420010110	• • O-RING	1				

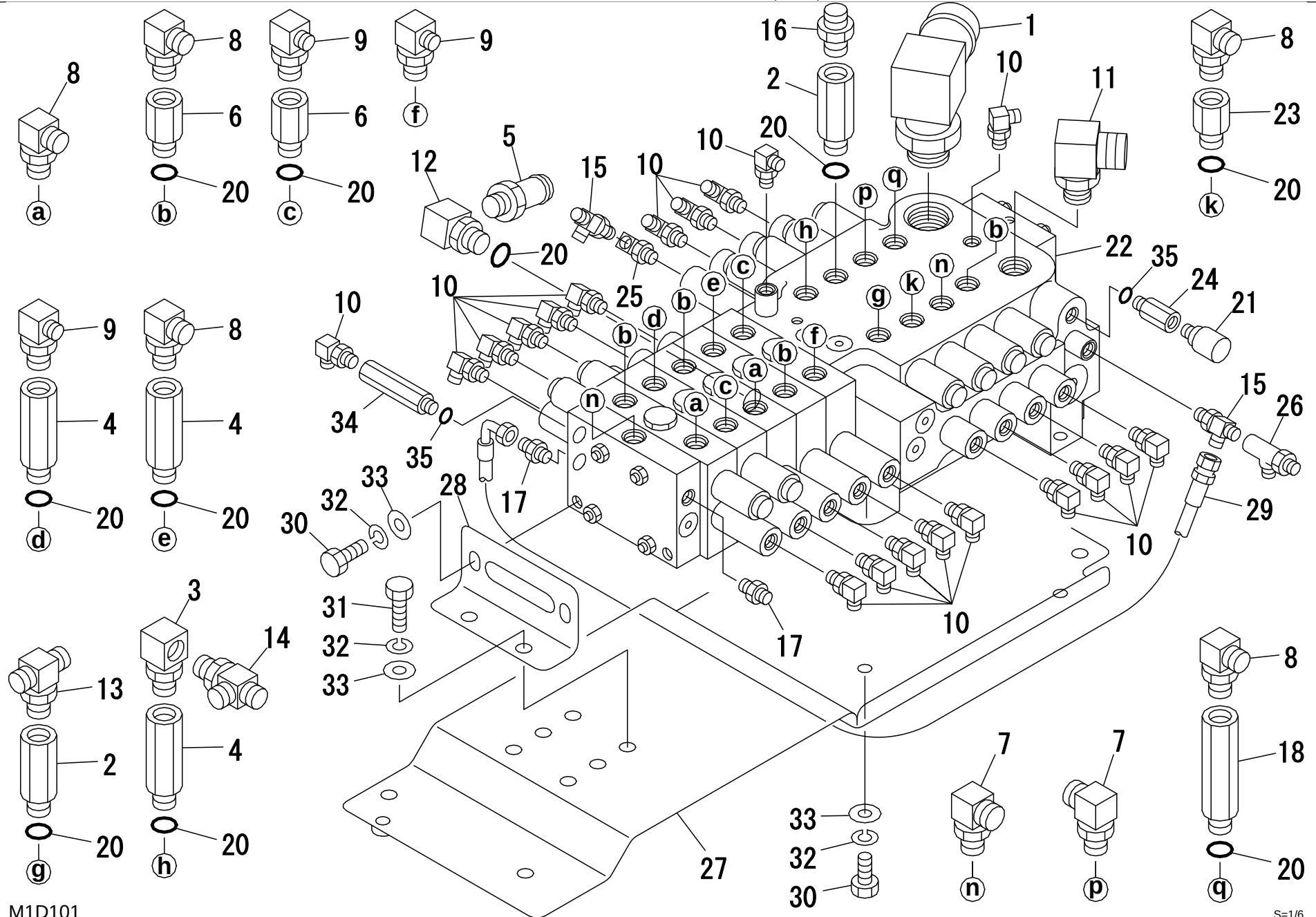
VALVE & ACCESSORIES (1/2) (with blade float)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
8-6	1420010110	• O-RING	1				
8-7	1513390015	• TEE	1				
8-8	1513900002	• SOCKET	1				
9	0565068160	VALVE ASSY, reducing	1				
9-1	0007213041	• BUSHING	1				
9-2	1420010110	• O-RING	1				
9-3	1512370011	• TEE	1				
	1420010110	• • O-RING	1				
9-4	1515012040	• ELBOW	3				
	1420010110	• • O-RING	1				
9-5	1901760800	• VALVE, reducing	1				
11	0565067610	VALVE ASSY, solenoid	1				
11-1	1513370046	• BUSHING (with filter)	1				
	1420010110	• • O-RING	1				
11-3	1515012040	• ELBOW	2				
	1420010110	• • O-RING	1				
11-4	1515600200	• ADAPTOR	2				
	1420010110	• • O-RING	1				
11-6	1901752100	• VALVE, solenoid	1				
12	0565067620	VALVE ASSY, stop	1				
	0565067670	VALVE ASSY, stop (with high press. 3rd aux. line)	1				
12-1	1513350005	• CONNECTOR	1				
	1420010240	• • O-RING	1				
12-2	1512374018	• TEE	1				
	1420010240	• • O-RING	1				
12-3	1901723700	• VALVE, stop	1				
12-4	0565067671	• ELBOW	1				with high press. 3rd aux. line
	1420010240	• • O-RING	1				
12-5	1515100111	• ELBOW	1				with high press. 3rd aux. line
	1420010140	• • O-RING	1				
13	0565067630	VALVE ASSY, solenoid	1				
13-1	0007213028	• BUSHING	1				
13-2	1512375004	• ELBOW	1				
	1420010110	• • O-RING	1				
13-3	1515012040	• ELBOW	3				
	1420010110	• • O-RING	1				
13-5	1420010110	• O-RING	1				
13-6	1901752100	• VALVE, solenoid	1				
14	0565067640	VALVE ASSY, solenoid (with high press. 3rd aux. line)	1				
14-1	0565067641	• BRACKET	1				
14-2	0007203041	• ADAPTOR	1				
14-3	0007213042	• BUSHING	1				
14-4	0575003630	• ELBOW (with orifice)	1				
	1420010110	• • O-RING	1				
14-5	1515012040	• ELBOW	1				
	1420010110	• • O-RING	1				
14-6	1515010130	• ELBOW	1				
	1420010110	• • O-RING	1				
14-7	1515600202	• ADAPTOR	1				
	1420010180	• • O-RING	1				
14-8	1420010180	• O-RING	1				
14-9	1420010110	• O-RING	2				
14-10	1110040890	• SCREW, cap	3				
14-11	1140020008	• WASHER, spring	3				
14-12	1141110008	• WASHER	3				
14-13	1700100065	• SWITCH, pressure	1				

VALVE & ACCESSORIES (1/2) (with blade float)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
14-13	1420010110	• • O-RING	1				
14-14	1901751600	• VALVE, solenoid	1				
14-15	0007213028	• BUSHING	1				
14-16	1512375004	• ELBOW	1				
	1420010110	• • O-RING	1				
16	0565067660	PIPE	1				
17	1110040820	SCREW, cap	6				
18	1110041025	SCREW, cap	2				with high press. 3rd aux. line
19	1110041040	SCREW, cap	3				
20	1100141000	BOLT	2				
22	1100041230	BOLT	5				
24	1140020008	WASHER, spring	12				
25	1140020010	WASHER, spring	7				
	1140020010	WASHER, spring	9				with high press. 3rd aux. line
26	1140020012	WASHER, spring	5				
28	1141110008	WASHER	10				
29	1141110010	WASHER	7				
	1141110010	WASHER	11				with high press. 3rd aux. line
30	1141550012	WASHER	5				
32	0565068040	VALVE ASSY, solenoid (with blade float)	1		190000003~190000007		
32-1	1901759600	• VALVE, solenoid	2				
32-2	1515600577	• ADAPTOR	1				
	1420010180	• • O-RING	1				
32-3	1512374014	• TEE	2				
	1420010180	• • O-RING	1				
32-4	0881501100	• BLOCK, valve	1				
32-5	0007213011	• BUSHING	1				
32-6	0565068041	• BUSHING	1				
32-7	1420010180	• O-RING	2				
32	0565068240	VALVE ASSY, solenoid (with blade float)	1		190000008~	M	
32-1	1901759600	• VALVE, solenoid	2				
32-2	1512374014	• TEE	2				
	1420010180	• • O-RING	1				
32-3	0881501100	• BLOCK, valve	1				
32-4	0565068041	• BUSHING	1				
32-5	1420010180	• O-RING	2				
32-6	0007213012	• BUSHING	1			M	
32-7	1515600201	• ADAPTOR	1			M	
	1420010140	• • O-RING	1			M	
32-8	1110040665	• SCREW, cap	2				
32-9	1140020006	• WASHER, spring	2				
32-10	0565068090	• BRACKET	1			M	
33	1110040665	SCREW, cap	2		190000003~190000007		
34	1140020006	WASHER, spring	2		190000003~190000007		
35	1141110006	WASHER	2		190000003~190000007		
36	1100040820	BOLT	2				
37	1110041020	SCREW, cap	2				
38	1110040850	SCREW, cap	2				
39	1130040008	NUT	2				
41	1515012040	ELBOW	1				
	1420010110	• O-RING	1				
42	1700100126	TRANSMITTER, pressure	1				
43	0565068210	BUSHING	1				
46	1101041230	BOLT	2		190000008~		
47	1140020012	WASHER, spring	2		190000008~		
48	1141110012	WASHER	2		190000008~		

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
VALVE & ACCESSORIES (2/2)



M1D101

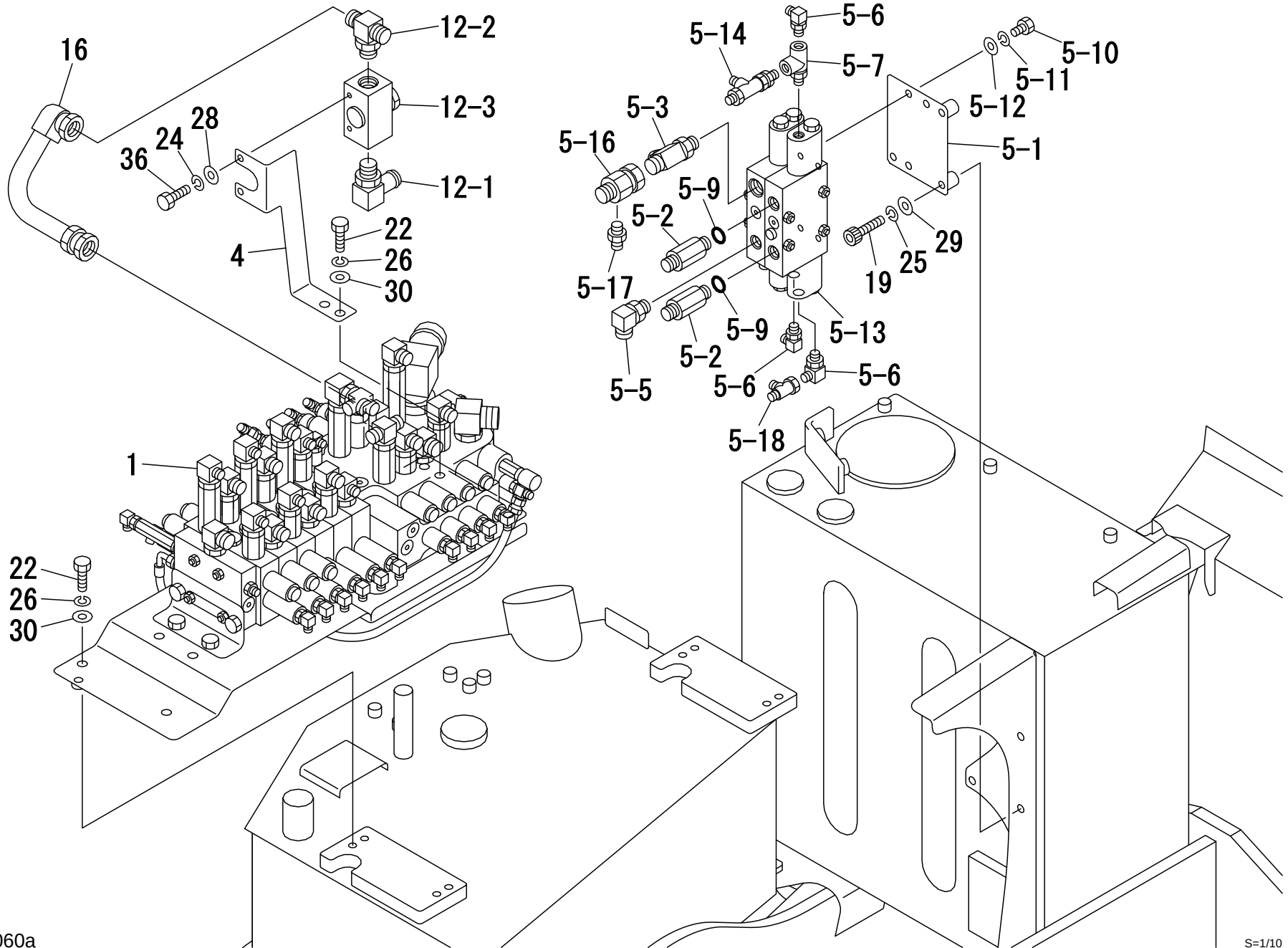
Reference M1D101

S=1/6

VALVE & ACCESSORIES (2/2)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	0565068120	VALVE SUB ASSY, control	1				
	0565068130	VALVE SUB ASSY, control (with high press. 3rd aux. line)	1				
1	0565067511	• ELBOW	1				
	1420010380	• • O-RING	1				
2	0007213038	• BUSHING	2			M	
3	1513300015	• ELBOW	1				
	1420010180	• • O-RING	1				
4	0007213013	• BUSHING	3				
5	0007224006	• NIPPLE	1				
6	0007213011	• BUSHING	6				
7	1515010132	• ELBOW	3				
	1420010180	• • O-RING	1				
8	1515010042	• ELBOW	9				
	1420010180	• • O-RING	1				
9	1515010051	• ELBOW	4				
	1420010180	• • O-RING	1				
10	1515012040	• ELBOW	20				
	1420010110	• • O-RING	1				
11	1515010133	• ELBOW	1				
	1420010240	• • O-RING	1				
12	1513300016	• ELBOW	1				
	1420010180	• • O-RING	1				
13	1512374002	• TEE	1				
	1420010180	• • O-RING	1				
14	1512373005	• TEE	1				
	1420010180	• • O-RING	1				
15	1512370011	• TEE	2				
	1420010110	• • O-RING	1				
16	1515600202	• ADAPTOR	1				
	1420010180	• • O-RING	1				
17	1515600200	• ADAPTOR	2				
	1420010110	• • O-RING	2				
18	0007213026	• BUSHING	1			M	
20	1420010180	• O-RING	14				
21	1700100069	• SWITCH, pressure	1				
22	1901049100	• VALVE, control	1				
23	0007213010	• BUSHING	1				
24	0007213028	• BUSHING	1				
25	1513300022	• ELBOW	1				
	1420010110	• • O-RING	1				
26	1512340001	• TEE	1				with high press. 3rd aux. line
	1420010110	• • O-RING	1				
27	0565068050	• BRACKET	1				
28	0565067545	• BRACKET	1				
29	0565068170	• HOSE ASSY	1				18010-52086
30	1100041225	• BOLT	6				
31	1100041230	• BOLT	2				
32	1140020012	• WASHER, spring	8				
33	1141550012	• WASHER	8				
34	0007213041	• BUSHING	1			M	
35	1420010110	• O-RING	2			M	
	M1d101						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
VALVE & ACCESSORIES (1/2) (angle blade type)

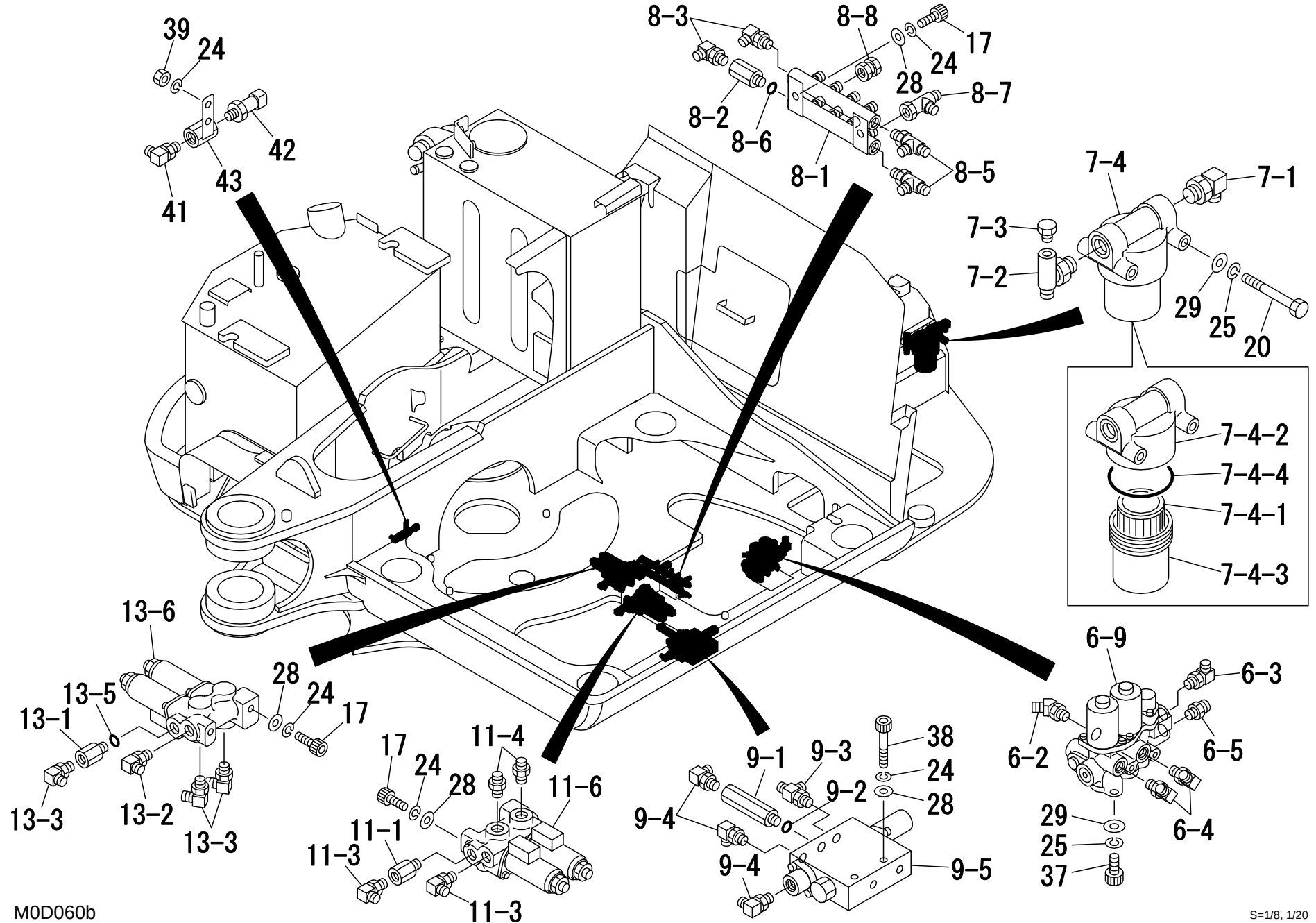


M0D060a

Reference M0D060a

S=1/10

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
VALVE & ACCESSORIES (1/2) (angle blade type)



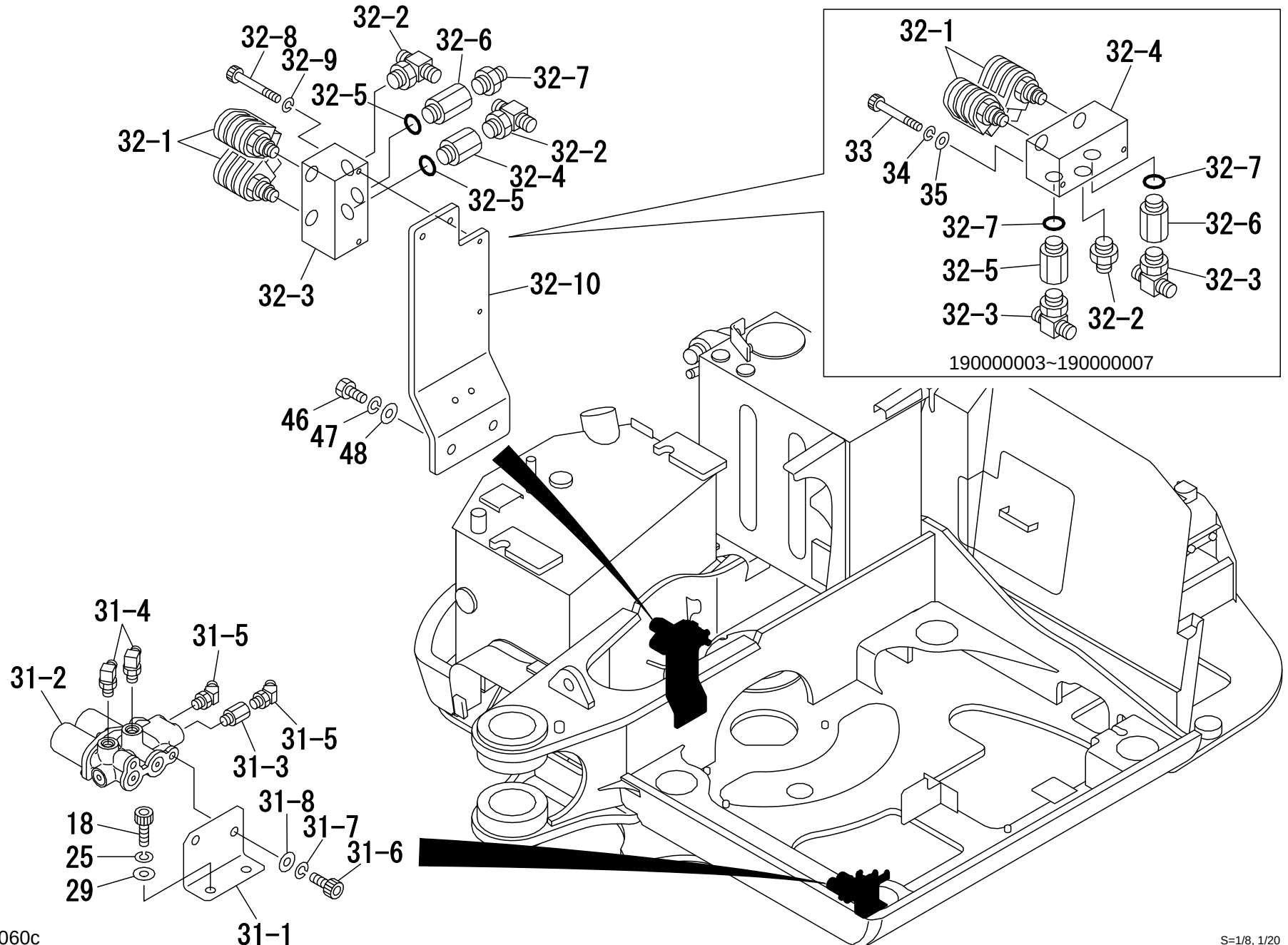
M0D060b

Reference M0D060a

S=1/8, 1/20

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TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
VALVE & ACCESSORIES (1/2) (angle blade type)



MOD060c

Reference MOD060a

S=1/8, 1/20

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

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	0565068180	VALVE ASSY, control	1				
4	0565068060	VALVE SUB ASSY, control	1				see page (2/2)
5	0565068190	BRACKET	1				
5-1	0565067555	VALVE ASSY, control (for slewing)	1				
5-2	0007203006	• BRACKET	1				
5-3	1512373008	• ADAPTOR	2				
	1420010240	• TEE	1				
5-5	1515010132	• • O-RING	1				
	1420010180	• ELBOW	1				
5-6	1515012040	• • O-RING	1				
	1420010110	• ELBOW	3				
5-7	1513370031	• • O-RING	1				
	1420010110	• TEE	1				
5-9	1420010180	• O-RING	2				
5-10	1100041016	• BOLT	3				
5-11	1140020010	• WASHER, spring	3				
5-12	1141110010	• WASHER	3				
5-13	1901049200	• VALVE, control	1				
5-14	1901735300	• VALVE, shuttle	1				
	1420010110	• • O-RING	1				
5-16	0007990091	• ADAPTOR	1				
5-17	1515600571	• ADAPTOR	1				
	1420010110	• • O-RING	1				
5-18	1513390015	• TEE	1			M	
6	0565067560	VALVE ASSY, solenoid	1				
6-2	1515100110	• ELBOW	1				
	1420010110	• • O-RING	1				
6-3	1515012041	• ELBOW	1			M	
	1420010140	• • O-RING	1				
6-4	1515012040	• ELBOW	2				
	1420010110	• • O-RING	1				
6-5	1515600571	• ADAPTOR	1				
	1420010110	• • O-RING	1				
6-9	1901748900	• VALVE, solenoid	1				
7	0565067570	FILTER ASSY	1				
7-1	1515010051	• ELBOW	1				
	1420010180	• • O-RING	1				
7-2	1512350003	• ELBOW	1				
	1420010180	• • O-RING	1				
7-3	1501750002	• PLUG	1				
	1420010110	• • O-RING	1				
7-4	1551200600	• FILTER	1				
7-4-1	1551200601	• • ELEMENT	1				
7-4-2	1551200602	• • COVER, head	1				
7-4-3	1551200603	• • CASE	1				
7-4-4	1551200604	• • O-RING	1				
8	0565067590	MANIFOLD ASSY	1				
8-1	0375020040	• MANIFOLD	1				
8-2	0007213028	• BUSHING	1				
8-3	1515012040	• ELBOW	2				
	1420010110	• • O-RING	1				
8-5	1512370011	• TEE	2				
	1420010110	• • O-RING	1				
8-6	1420010110	• O-RING	1				
8-7	1513390015	• TEE	1				

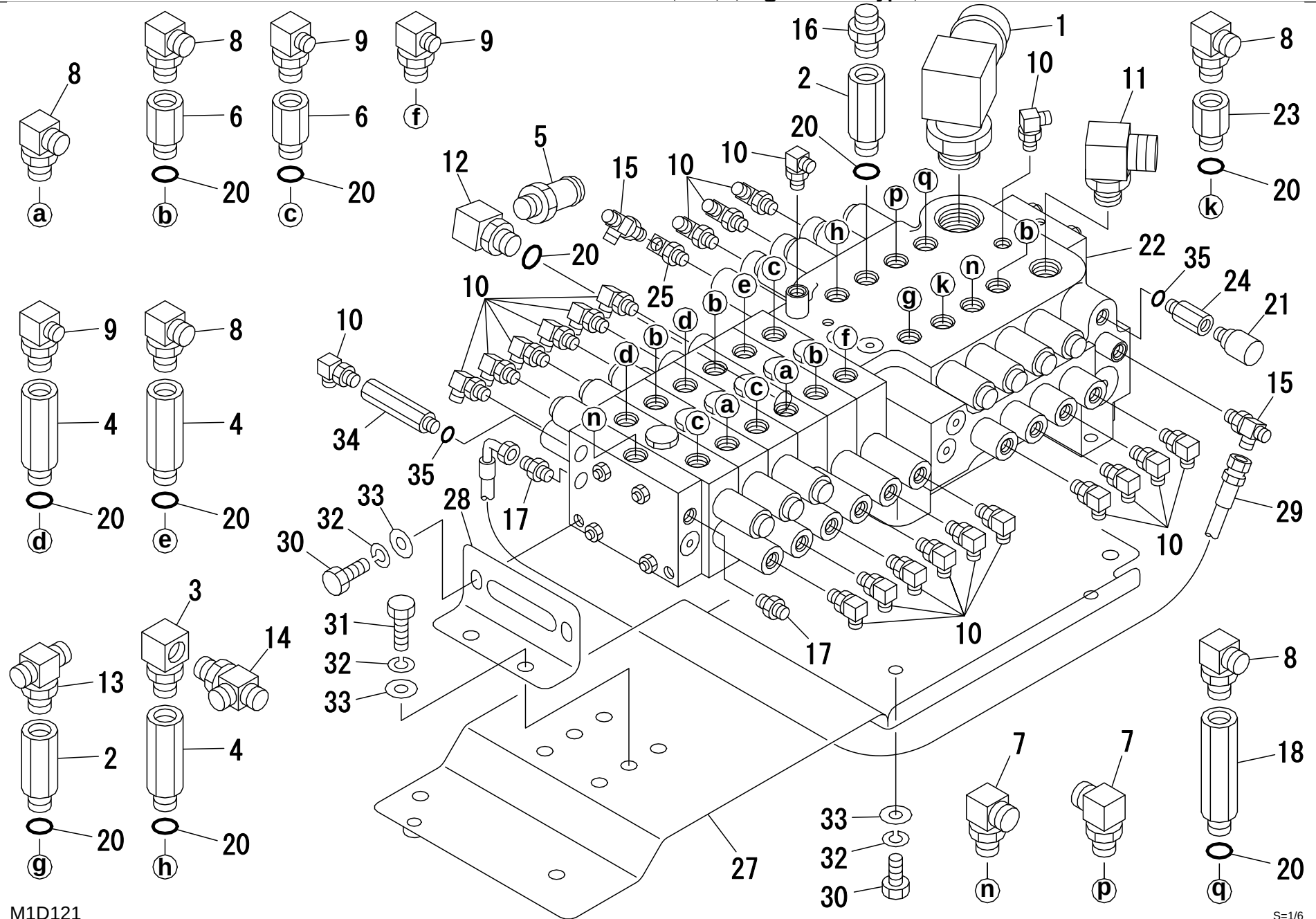
VALVE & ACCESSORIES (1/2) (angle blade type)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
8-8	1513900002	• SOCKET	1				
9	0565068160	VALVE ASSY, reducing	1				
9-1	0007213041	• BUSHING	1				
9-2	1420010110	• O-RING	1				
9-3	1512370011	• TEE	1				
	1420010110	• • O-RING	1				
9-4	1515012040	• ELBOW	3				
	1420010110	• • O-RING	1				
9-5	1901760800	• VALVE, reducing	1				
11	0565067610	VALVE ASSY, solenoid	1				
11-1	1513370046	• BUSHING (with filter)	1				
	1420010110	• • O-RING	1				
11-3	1515012040	• ELBOW	2				
	1420010110	• • O-RING	1				
11-4	1515600200	• ADAPTOR	2				
	1420010110	• • O-RING	1				
11-6	1901752100	• VALVE, solenoid	1				
12	0565067620	VALVE ASSY, stop	1				
12-1	1513350005	• CONNECTOR	1				
	1420010240	• • O-RING	1				
12-2	1512374018	• TEE	1				
	1420010240	• • O-RING	1				
12-3	1901723700	• VALVE, stop	1				
13	0565067630	VALVE ASSY, solenoid	1				
13-1	0007213028	• BUSHING	1				
13-2	1512375004	• ELBOW	1				
	1420010110	• • O-RING	1				
13-3	1515012040	• ELBOW	3				
	1420010110	• • O-RING	1				
13-5	1420010110	• O-RING	1				
13-6	1901752100	• VALVE, solenoid	1				
16	0565067660	PIPE	1				
17	1110040820	SCREW, cap	6				
18	1110041025	SCREW, cap	2				
19	1110041040	SCREW, cap	3				
20	1100141000	BOLT	2				
22	1100041230	BOLT	5				
24	1140020008	WASHER, spring	12				
25	1140020010	WASHER, spring	9				
26	1140020012	WASHER, spring	5				
28	1141110008	WASHER	10				
29	1141110010	WASHER	9				
30	1141550012	WASHER	5				
31	0565068030	VALVE ASSY, solenoid (angle blade type)	1				
31-1	0565068031	• BRACKET	1				
31-2	1901751000	• VALVE, solenoid	1				
31-3	1513370046	• BUSHING (with filter)	1				
	1420010110	• • O-RING	1				
31-4	1515012040	• ELBOW	2				
	1420010110	• • O-RING	1				
31-5	1515100110	• ELBOW	2				
	1420010110	• • O-RING	1				
31-6	1110041020	• SCREW, cap	2				
31-7	1140020010	• WASHER, spring	2				
31-8	1141110010	• WASHER	2				
32	0565068040	VALVE ASSY, solenoid (with blade float)	1		190000003~190000007		

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

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
32-1	1901759600	• VALVE, solenoid	2				
32-2	1515600577	• ADAPTOR	1				
	1420010180	• • O-RING	1				
32-3	1512374014	• TEE	2				
	1420010180	• • O-RING	1				
32-4	0881501100	• BLOCK, valve	1				
32-5	0007213011	• BUSHING	1				
32-6	0565068041	• BUSHING	1				
32-7	1420010180	• O-RING	2				
32	0565068240	VALVE ASSY, solenoid (with blade float)	1		190000008~	M	
32-1	1901759600	• VALVE, solenoid	2				
32-2	1512374014	• TEE	2				
	1420010180	• • O-RING	1				
32-3	0881501100	• BLOCK, valve	1				
32-4	0565068041	• BUSHING	1				
32-5	1420010180	• O-RING	2				
32-6	0007213012	• BUSHING	1			M	
32-7	1515600201	• ADAPTOR	1			M	
	1420010140	• • O-RING	1			M	
32-8	1110040665	• SCREW, cap	2				
32-9	1140020006	• WASHER, spring	2				
32-10	0565068090	• BRACKET	1			M	
33	1110040665	BOLT	2		190000003~190000007		
34	1140020006	WASHER, spring	2		190000003~190000007		
35	1141110006	WASHER	2		190000003~190000007		
36	1100040820	BOLT	2				
37	1110041020	SCREW, cap	2				
38	1110040850	SCREW, cap	2				
39	1130040008	NUT	2				
41	1515012040	ELBOW	1				
	1420010110	• O-RING	1				
42	1700100126	TRANSMITTER, pressure	1				
43	0565068210	BUSHING	1				
46	1101041230	BOLT	2		190000008~		
47	1140020012	WASHER, spring	2		190000008~		
48	1141110012	WASHER	2		190000008~		
	M0d060						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
VALVE & ACCESSORIES (2/2) (angle blade type)



M1D121

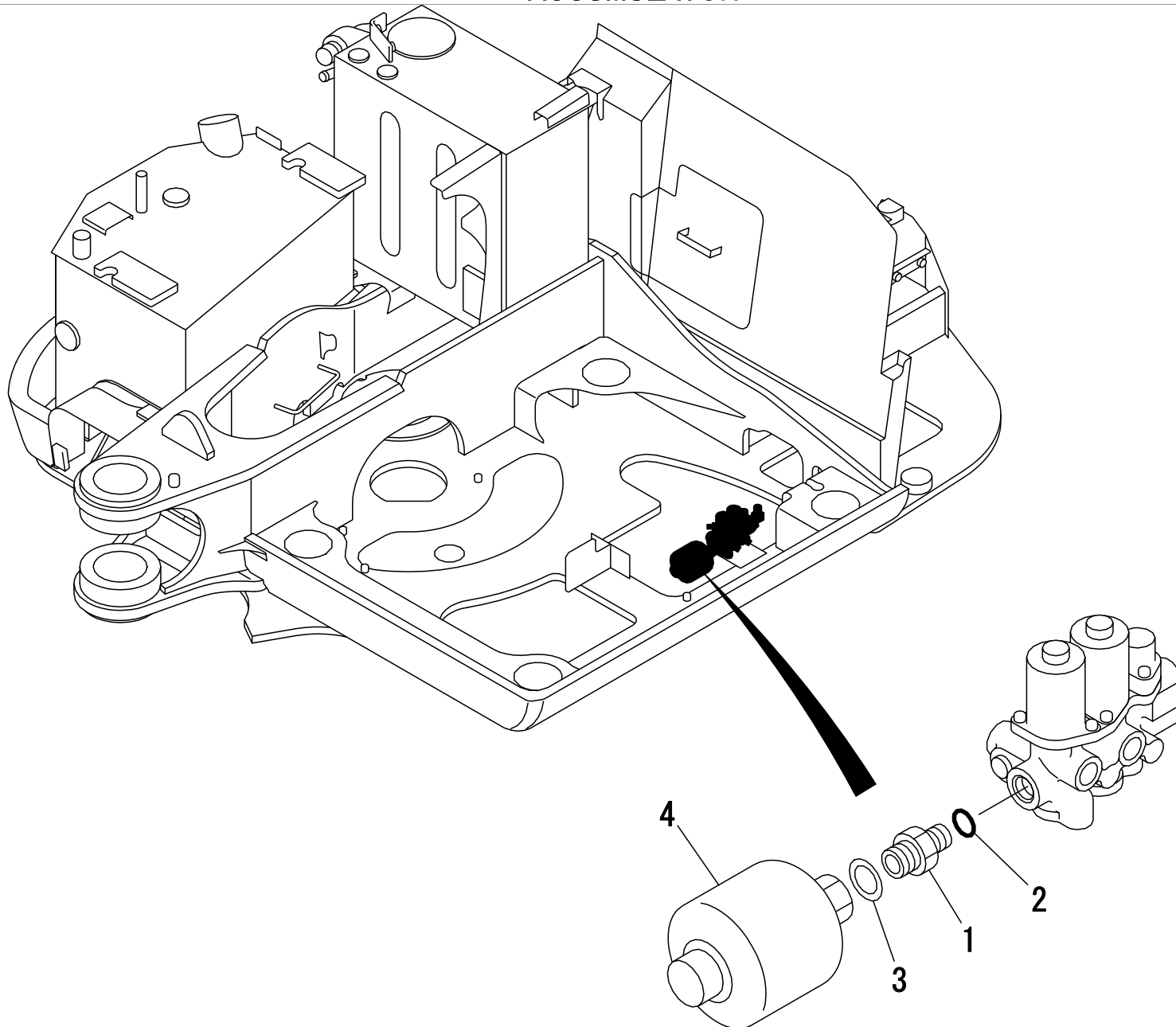
Reference M1D121

S=1/6

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

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	0565068180	VALVE SUB ASSY, control	1				
1	0565067511	· ELBOW	1				
	1420010380	· · O-RING	1				
2	0007213038	· BUSHING	2			M	
3	1513300015	· ELBOW	1				
	1420010180	· · O-RING	1				
4	0007213013	· BUSHING	4				
5	0007224006	· NIPPLE	1				
6	0007213011	· BUSHING	7				
7	1515010132	· ELBOW	3				
	1420010180	· · O-RING	1				
8	1515010042	· ELBOW	9				
	1420010180	· · O-RING	1				
9	1515010051	· ELBOW	6				
	1420010180	· · O-RING	1				
10	1515012040	· ELBOW	22				
	1420010110	· · O-RING	1				
11	1515010133	· ELBOW	1				
	1420010240	· · O-RING	1				
12	1513300016	· ELBOW	1				
	1420010180	· · O-RING	1				
13	1512374002	· TEE	1				
	1420010180	· · O-RING	1				
14	1512373005	· TEE	1				
	1420010180	· · O-RING	1				
15	1512370011	· TEE	2				
	1420010110	· · O-RING	1				
16	1515600202	· ADAPTOR	1				
	1420010180	· · O-RING	1				
17	1515600200	· ADAPTOR	3				
	1420010110	· · O-RING	1				
18	0007213026	· BUSHING	1			M	
20	1420010180	· O-RING	16				
21	1700100069	· SWITCH, pressure	1				
22	1901050300	· VALVE, control	1				
23	0007213010	· BUSHING	1				
24	0007213028	· BUSHING	1				
25	1513300022	· ELBOW	1				
	1420010110	· · O-RING	1				
27	0565068050	· BRACKET	1				
28	0565067545	· BRACKET	1				
29	0565068170	· HOSE ASSY	1				18010-52086
30	1100041225	· BOLT	6				
31	1100041230	· BOLT	2				
32	1140020012	· WASHER, spring	8				
33	1141550012	· WASHER	8				
34	0007213041	· BUSHING	1			M	
35	1420010110	· O-RING	2			M	
	M1d121						

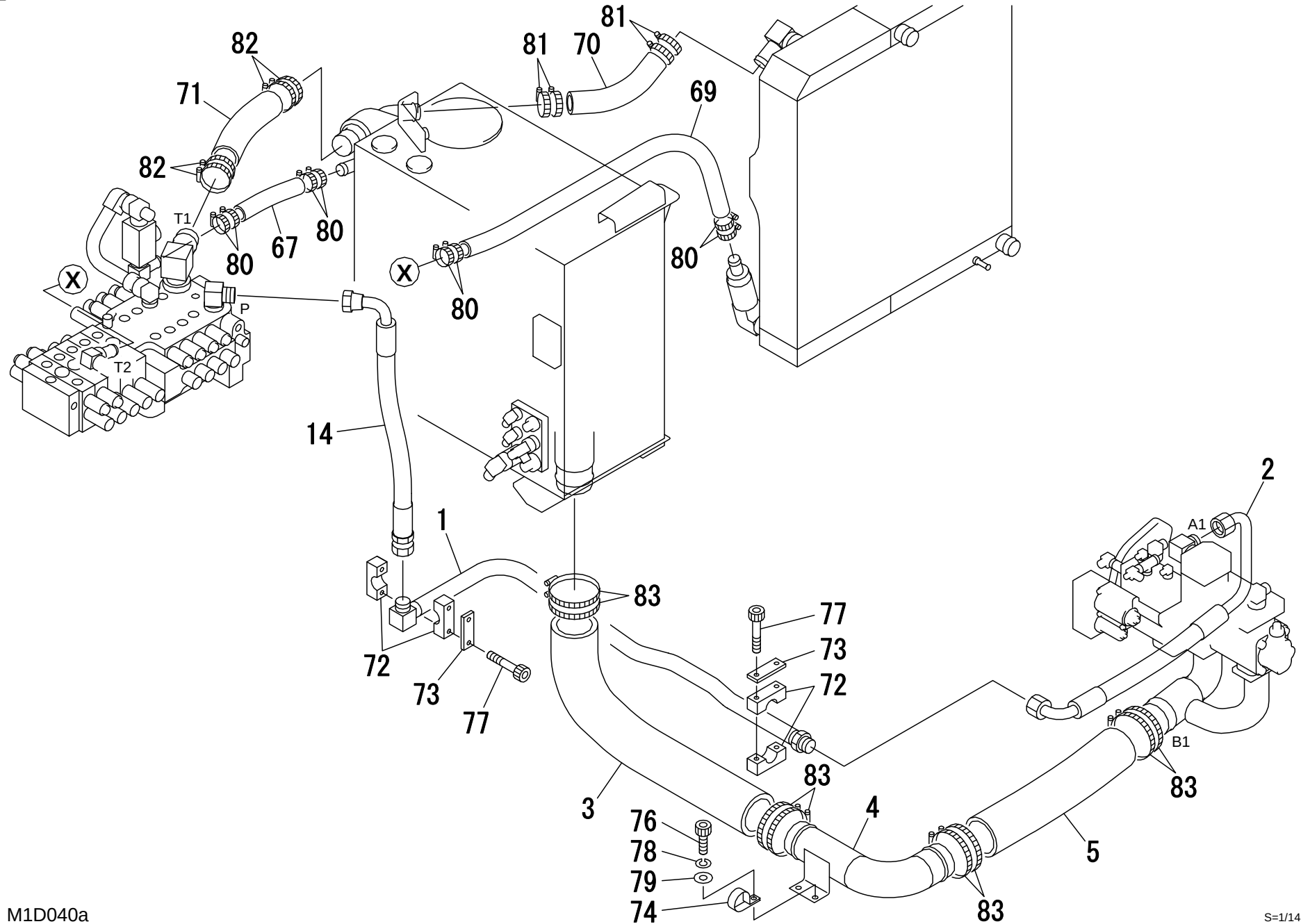
TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
ACCUMULATOR



ACCUMULATOR

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	0007200223	ACCUMULATOR ASSY	1				
	1420010140	ADAPTOR	1				
	1420010140	· O-RING	1				
2	1420010140	O-RING	1				
3	1432160004	SEAL	1				
4	1552200020	ACCUMULATOR	1				
	M1d030						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
PIPING; UPPER



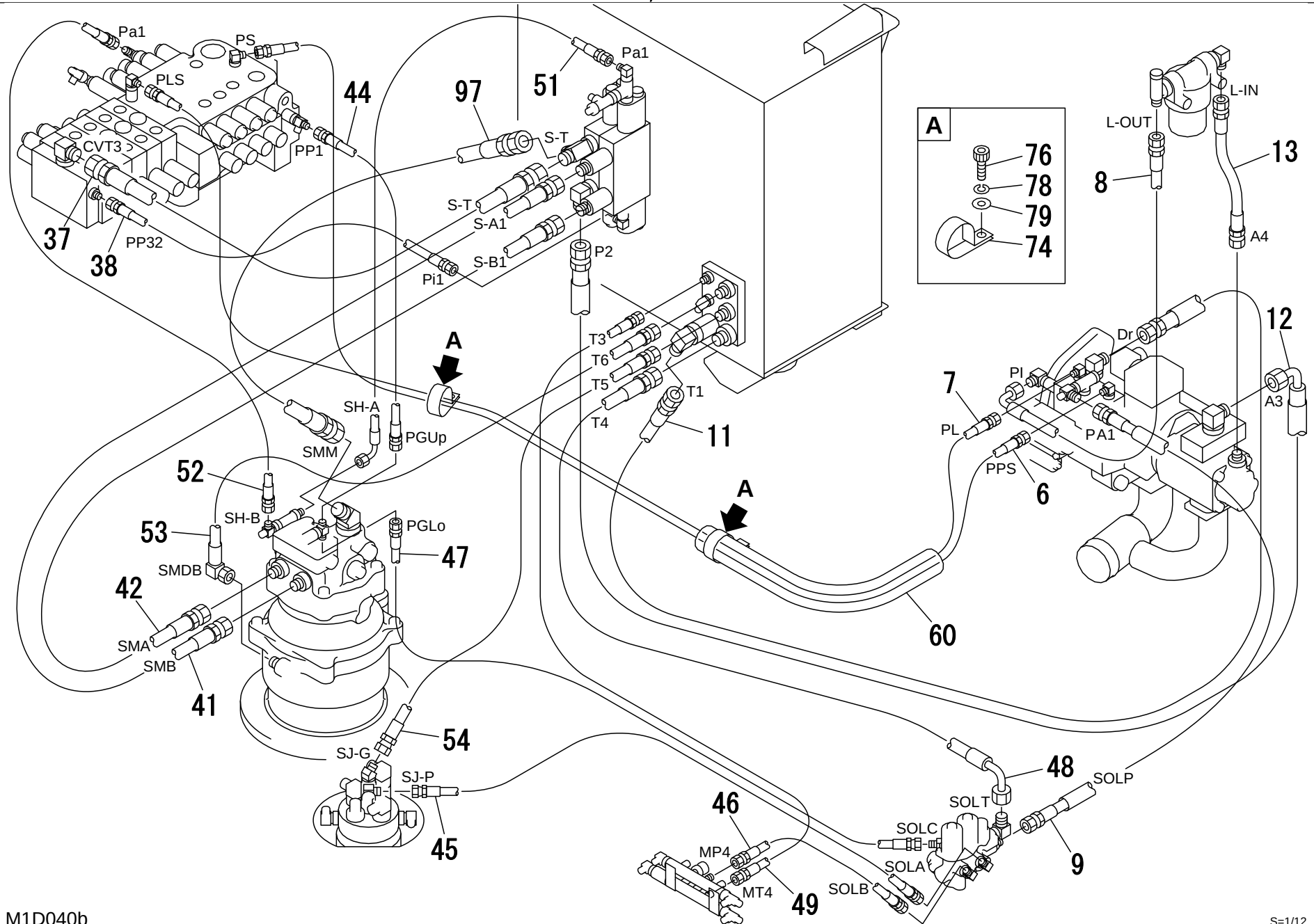
M1D040a

Reference M1D040a

S=1/14

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TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
PIPING; UPPER

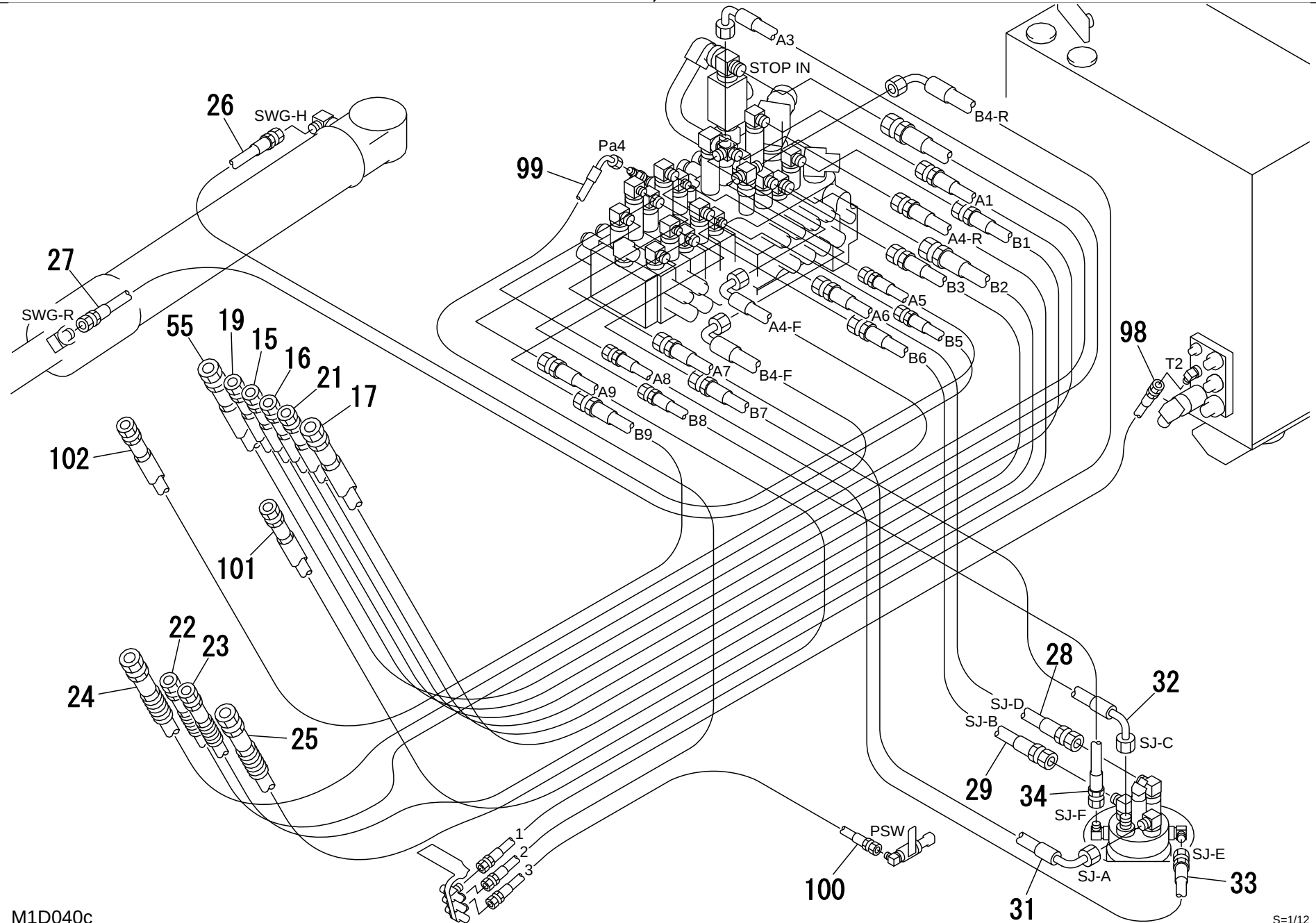


M1D040b

Reference M1D040a

S=1/12

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Reference	M1D040a
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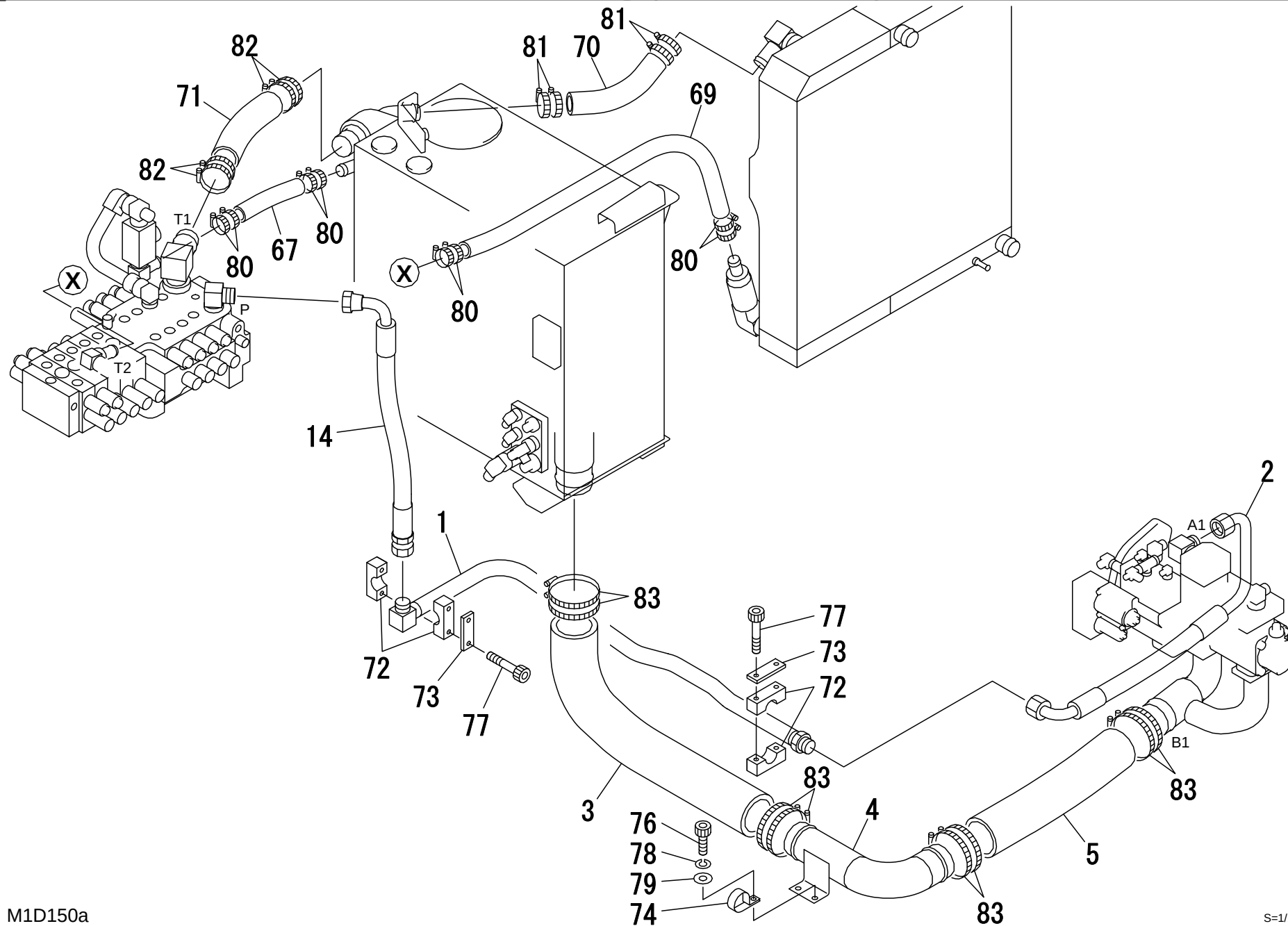
PIPING; UPPER

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		PIPING ASSY, upper					
1	0567043790	PIPE	1				
2	0567043020	HOSE ASSY	1				
3	0567043030	HOSE	1				
4	0567043040	PIPE	1				
5	0567043050	HOSE	1				sold by the meter
6	0567043060	HOSE ASSY	1				18045-00245
7	0567043070	HOSE ASSY	1				18045-00265
8	0567043080	HOSE ASSY	1				18010-53058
9	0567043090	HOSE ASSY	1				18010-23074
11	0567043110	HOSE ASSY	1				18010-24205
12	0567043120	HOSE ASSY	1				18047-61245
13	0567043130	HOSE ASSY	1				18010-23030
14	0567043140	HOSE ASSY	1				
15	0567043150	HOSE ASSY	1				
16	0567043160	HOSE ASSY	1				18045-40280
17	0567043170	HOSE ASSY	1				18015-50275
19	0567043190	HOSE ASSY	1				
21	0567043210	HOSE ASSY	1				18045-40270
22	0567043820	HOSE ASSY	1				
23	0567043830	HOSE ASSY	1				
24	0567043840	HOSE ASSY	1				18045-41245
25	0567043850	HOSE ASSY	1				18045-41250
26	0567043260	HOSE ASSY	1				18047-20175
27	0567043270	HOSE ASSY	1				18047-20148
28	0567043280	HOSE ASSY	1				18045-40116
29	0567043290	HOSE ASSY	1				18045-40104
31	0567043310	HOSE ASSY	1				18045-41116
32	0567043320	HOSE ASSY	1				18045-41098
33	0567043330	HOSE ASSY	1				18045-20132
34	0567043340	HOSE ASSY	1				18045-20098
37	0567043370	HOSE ASSY	1				18010-26075
38	0567043380	HOSE ASSY	1				18010-22094
41	0567043410	HOSE ASSY	1				18045-40080
42	0567043420	HOSE ASSY	1				18045-40070
44	0567043440	HOSE ASSY	1				18010-22054
45	0567043450	HOSE ASSY	1				18010-22108
46	0567043460	HOSE ASSY	1				18010-22038
47	0567043470	HOSE ASSY	1				18010-22140
48	0567043480	HOSE ASSY	1				
49	0567043490	HOSE ASSY	1				18010-52140
51	0567043510	HOSE ASSY	1				18010-52056
52	0567043520	HOSE ASSY	1				18010-22148
53	0567043530	HOSE ASSY	1				
54	0567043540	HOSE ASSY	1				18010-23046
55	0567043550	HOSE ASSY	1				18015-50300
60	1531335050	PROTECTOR	1				sold by the meter
67	1530525017	HOSE	1				sold by the meter
69	1530525092	HOSE	1				sold by the meter
70	1530534030	HOSE	1				sold by the meter
71	1530547020	HOSE	1				sold by the meter
72	1534100312	CLAMP	2				
73	1534100313	PLATE	2				
74	0007300030	CLAMP	3				
76	1110041025	SCREW, cap	4				
77	1110041070	SCREW, cap	4				

PIPING; UPPER

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
78	1140020010	WASHER, spring	4				
79	1141110010	WASHER	4				
80	1533700041	BAND	8				
81	1533700048	BAND	4				
82	1533700070	BAND	4				
83	1533700102	BAND	8				
97	0567043810	HOSE ASSY	1				18010-26034
98	0565067110	HOSE ASSY	1				18010-22210
99	0565067120	HOSE ASSY	1				18010-52250
100	0565067130	HOSE ASSY	1				18045-00106
101	0567043860	HOSE ASSY	1				18015-40265
102	0567043870	HOSE ASSY	1				18015-40245
	M1d041						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
PIPING; UPPER (with high pressure 3rd auxiliary line)



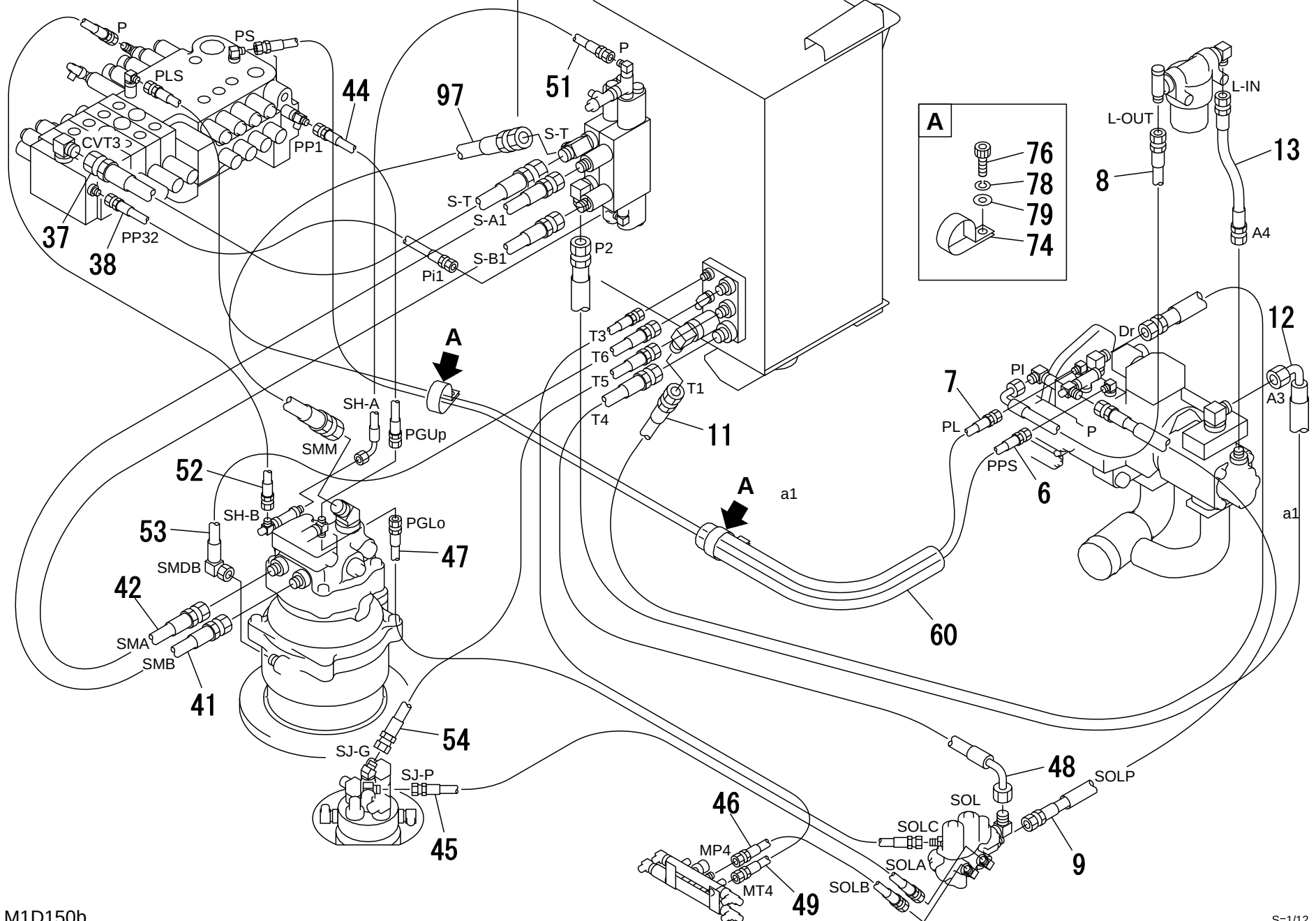
M1D150a

Reference M1D150a

S=1/14

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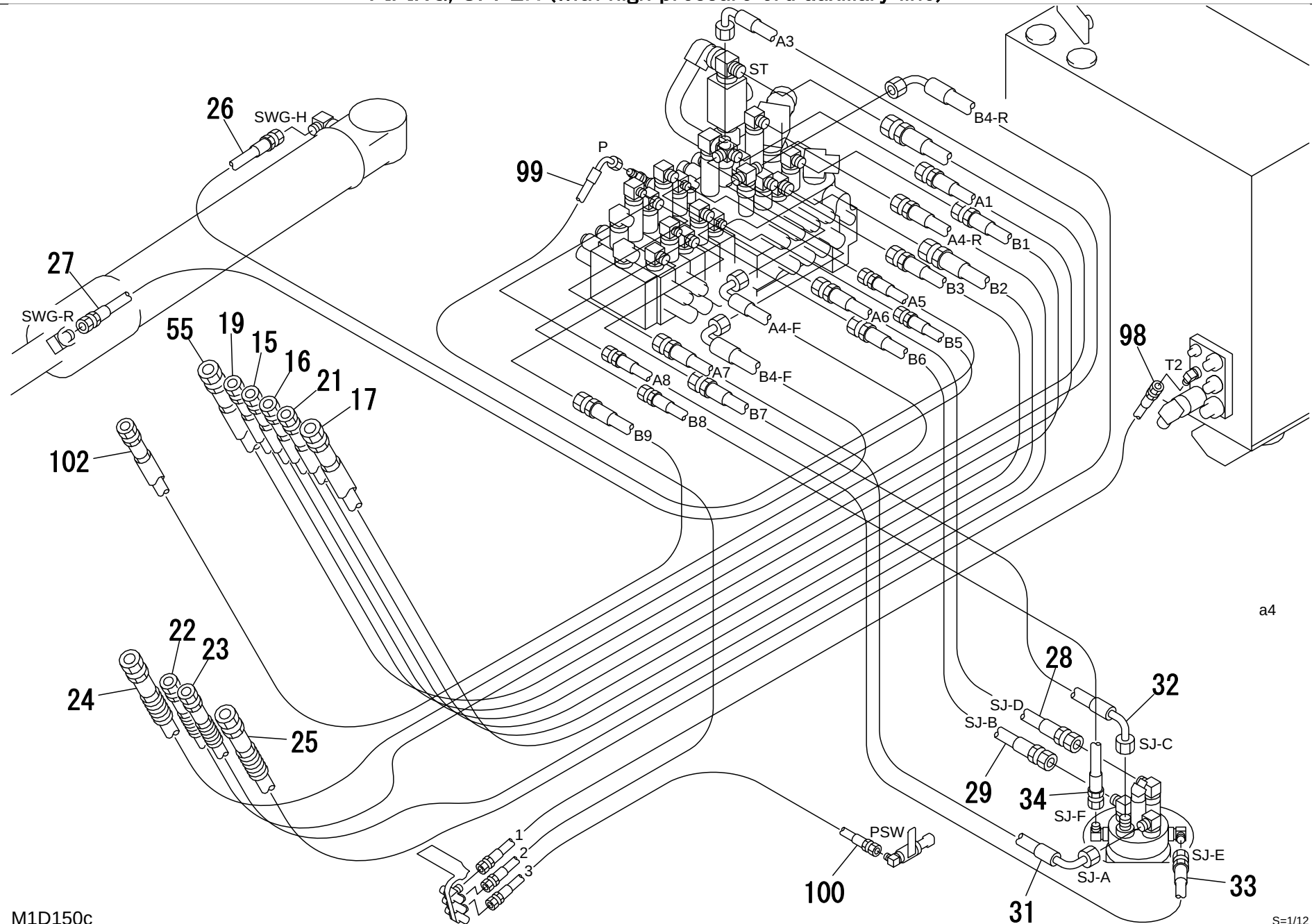
**TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
PIPING; UPPER (with high pressure 3rd auxiliary line)**



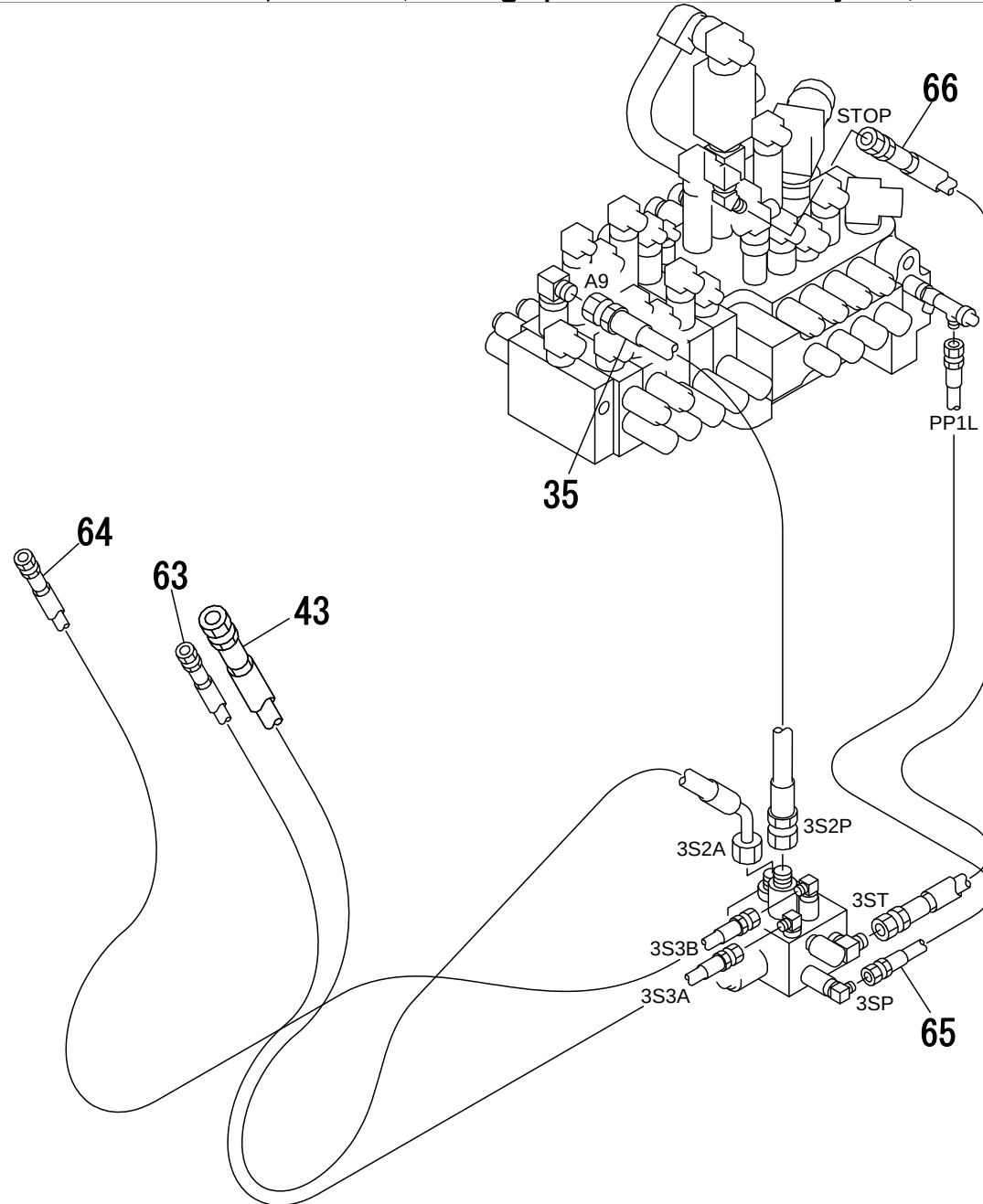
M1D150b

Reference M1D150a

S=1/12



**TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
PIPING; UPPER (with high pressure 3rd auxiliary line)**



M1D150d

Reference M1D150a

S=1/10

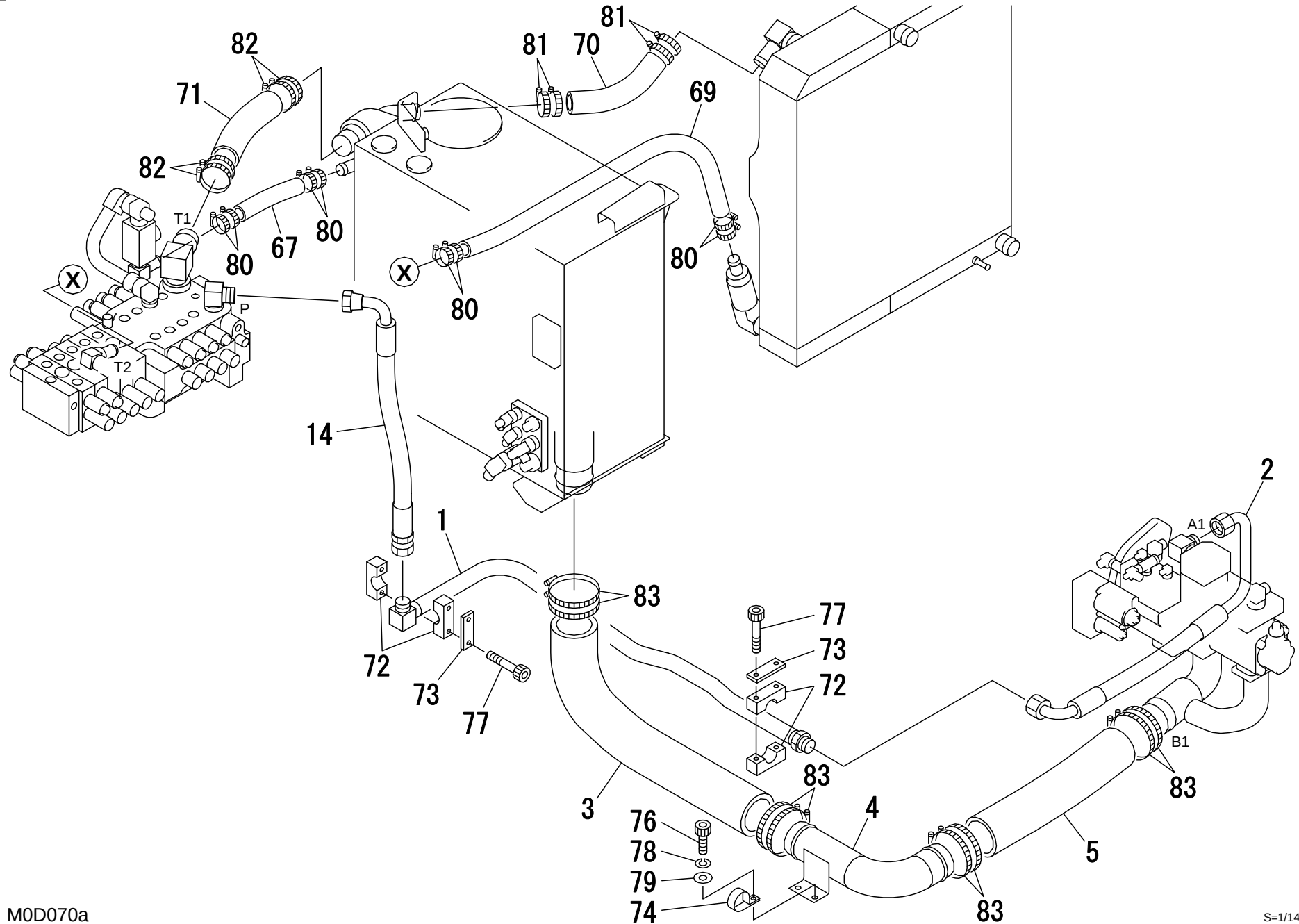
PIPING; UPPER (with high pressure 3rd auxiliary line)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		PIPING ASSY, upper					
1	0567043790	PIPE	1				
2	0567043020	HOSE ASSY	1				
3	0567043030	HOSE	1				
4	0567043040	PIPE	1				
5	0567043050	HOSE	1				sold by the meter
6	0567043060	HOSE ASSY	1				18045-00245
7	0567043070	HOSE ASSY	1				18045-00265
8	0567043080	HOSE ASSY	1				18010-53058
9	0567043090	HOSE ASSY	1				18010-23074
11	0567043110	HOSE ASSY	1				18010-24205
12	0567043120	HOSE ASSY	1				18047-61245
13	0567043130	HOSE ASSY	1				18010-23030
14	0567043140	HOSE ASSY	1				
15	0567043150	HOSE ASSY	1				
16	0567043160	HOSE ASSY	1				18045-40280
17	0567043170	HOSE ASSY	1				18015-50275
19	0567043190	HOSE ASSY	1				
21	0567043210	HOSE ASSY	1				18045-40270
22	0567043820	HOSE ASSY	1				
23	0567043830	HOSE ASSY	1				
24	0567043840	HOSE ASSY	1				18045-41245
25	0567043850	HOSE ASSY	1				18045-41250
26	0567043260	HOSE ASSY	1				18047-20175
27	0567043270	HOSE ASSY	1				18047-20148
28	0567043280	HOSE ASSY	1				18045-40116
29	0567043290	HOSE ASSY	1				18045-40104
31	0567043310	HOSE ASSY	1				18045-41116
32	0567043320	HOSE ASSY	1				18045-41098
33	0567043330	HOSE ASSY	1				18045-20132
34	0567043340	HOSE ASSY	1				18045-20098
35	0567043350	HOSE ASSY	1				18015-40091
37	0567043370	HOSE ASSY	1				18010-26075
38	0567043380	HOSE ASSY	1				18010-22094
41	0567043410	HOSE ASSY	1				18045-40080
42	0567043420	HOSE ASSY	1				18045-40070
43	0567043890	HOSE ASSY	1				18015-47200
44	0567043440	HOSE ASSY	1				18010-22054
45	0567043450	HOSE ASSY	1				18010-22108
46	0567043460	HOSE ASSY	1				18010-22038
47	0567043470	HOSE ASSY	1				18010-22140
48	0567043480	HOSE ASSY	1				
49	0567043490	HOSE ASSY	1				18010-52140
51	0567043510	HOSE ASSY	1				18010-52056
52	0567043520	HOSE ASSY	1				18010-22148
53	0567043530	HOSE ASSY	1				
54	0567043540	HOSE ASSY	1				18010-23046
55	0567043550	HOSE ASSY	1				18015-50300
60	1531335050	PROTECTOR	1				sold by the meter
63	0567043630	HOSE ASSY	1				18010-22195
64	0567043640	HOSE ASSY	1				18015-00195
65	0567043650	HOSE ASSY	1				18010-22092
66	0567043660	HOSE ASSY	1				18010-23116
67	1530525017	HOSE	1				sold by the meter
69	1530525092	HOSE	1				sold by the meter
70	1530534030	HOSE	1				sold by the meter

PIPING; UPPER (with high pressure 3rd auxiliary line)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
71	1530547020	HOSE	1				sold by the meter
72	1534100312	CLAMP	2				
73	1534100313	PLATE	2				
74	0007300030	CLAMP	3				
76	1110041025	SCREW, cap	4				
77	1110041070	SCREW, cap	4				
78	1140020010	WASHER, spring	4				
79	1141110010	WASHER	4				
80	1533700041	BAND	8				
81	1533700048	BAND	4				
82	1533700070	BAND	4				
83	1533700102	BAND	8				
97	0567043810	HOSE ASSY	1				18010-26034
98	0565067110	HOSE ASSY	1				18010-22210
99	0565067120	HOSE ASSY	1				18010-52250
100	0565067130	HOSE ASSY	1				18045-00106
102	0567043870	HOSE ASSY	1				18015-40245
	M1d151						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
PIPING; UPPER (with high pressure 3rd & 4th auxiliary line)



M0D070a

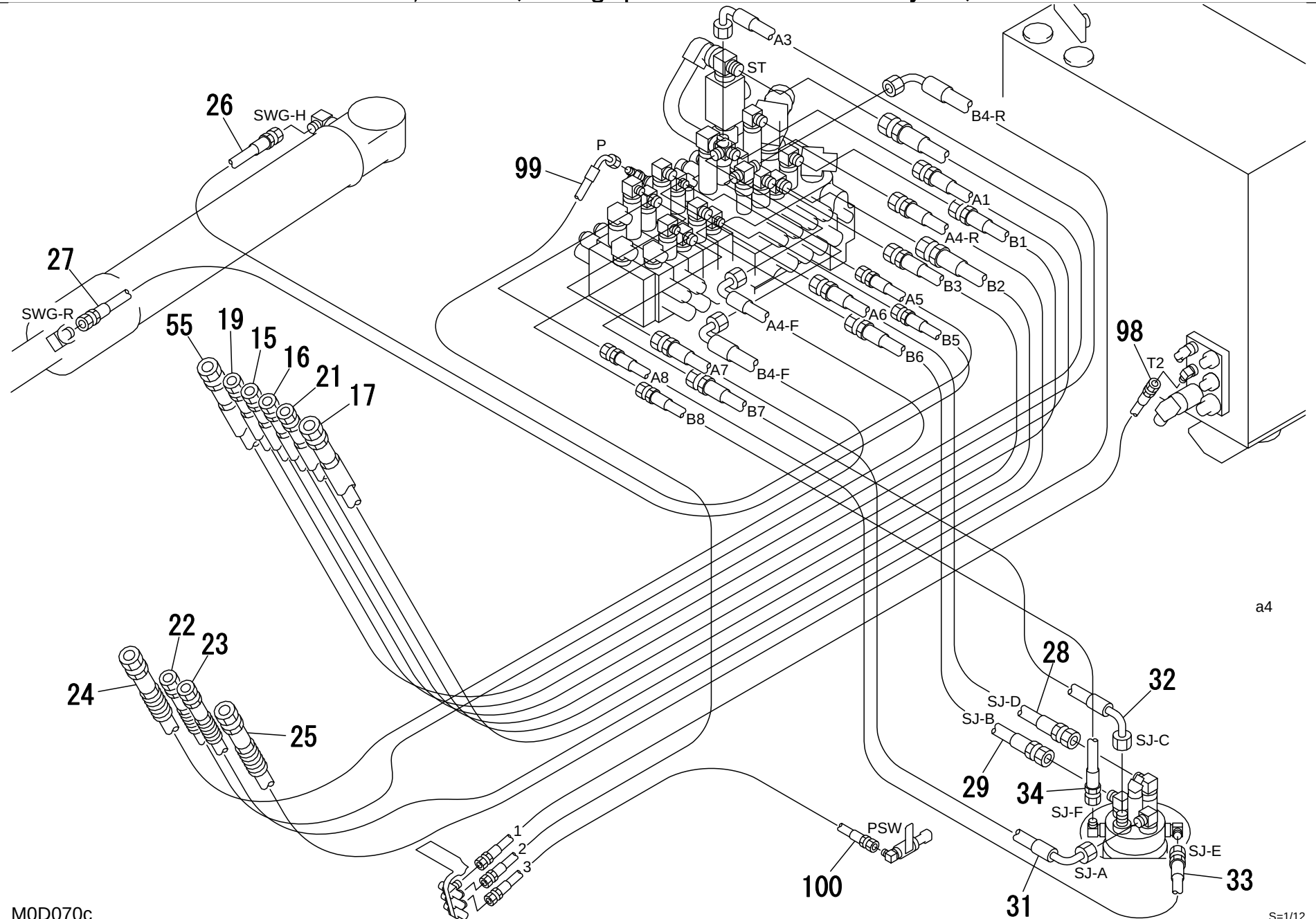
Reference M0D070a

S=1/14

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TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
PIPING; UPPER (with high pressure 3rd & 4th auxiliary line)

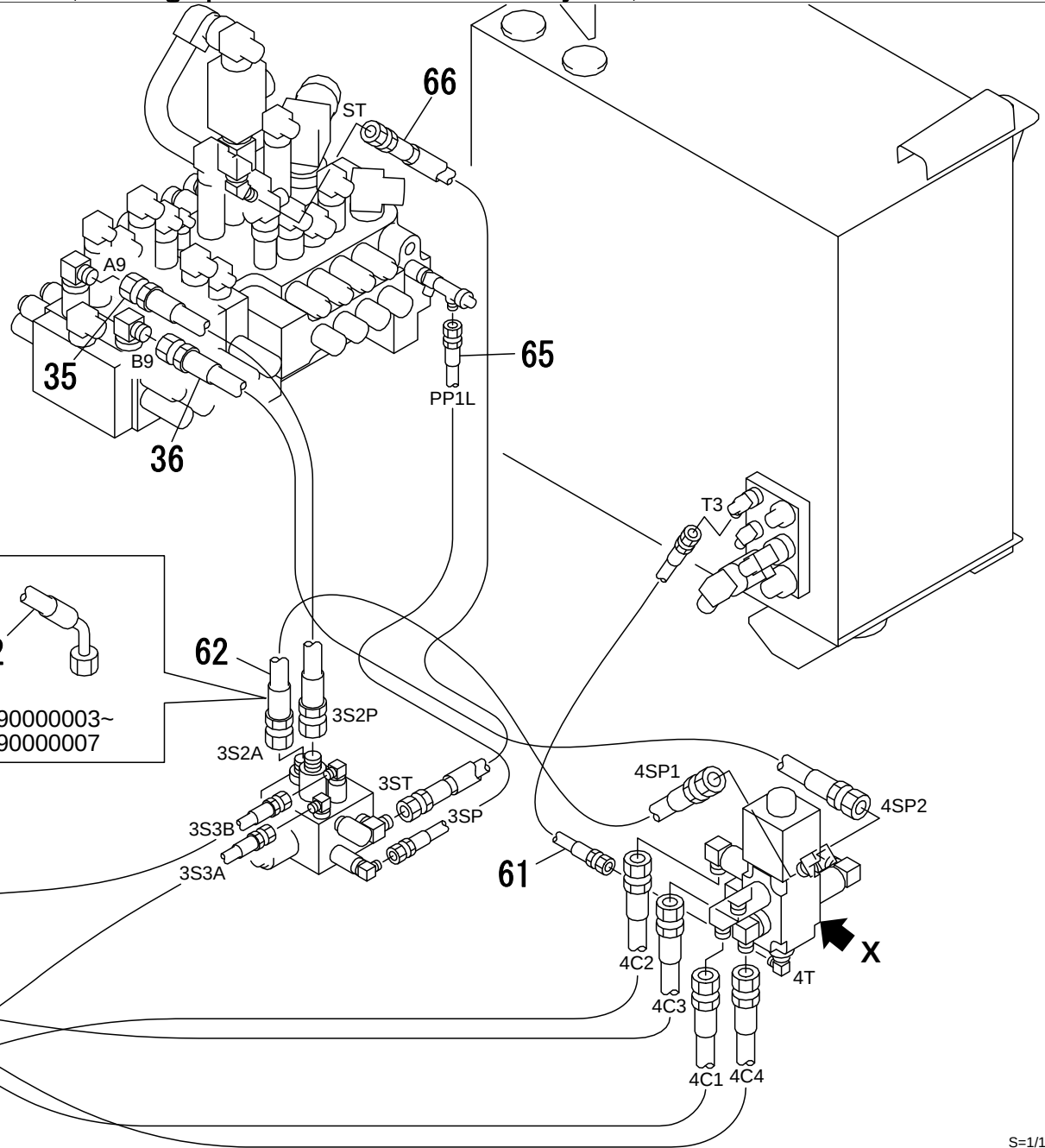
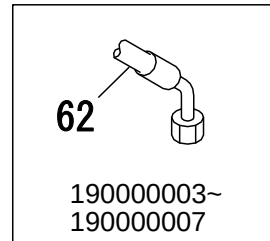
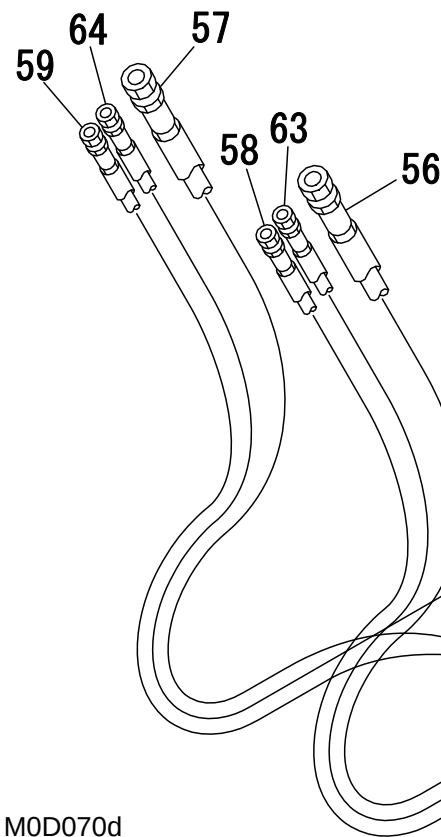
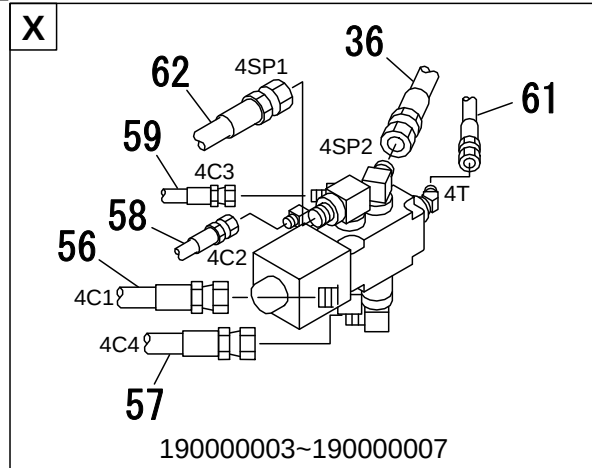


M0D070c

Reference M0D070a

S=1/12

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
PIPING; UPPER (with high pressure 3rd & 4th auxiliary line)



MOD070d

Reference MOD070a

S=1/10

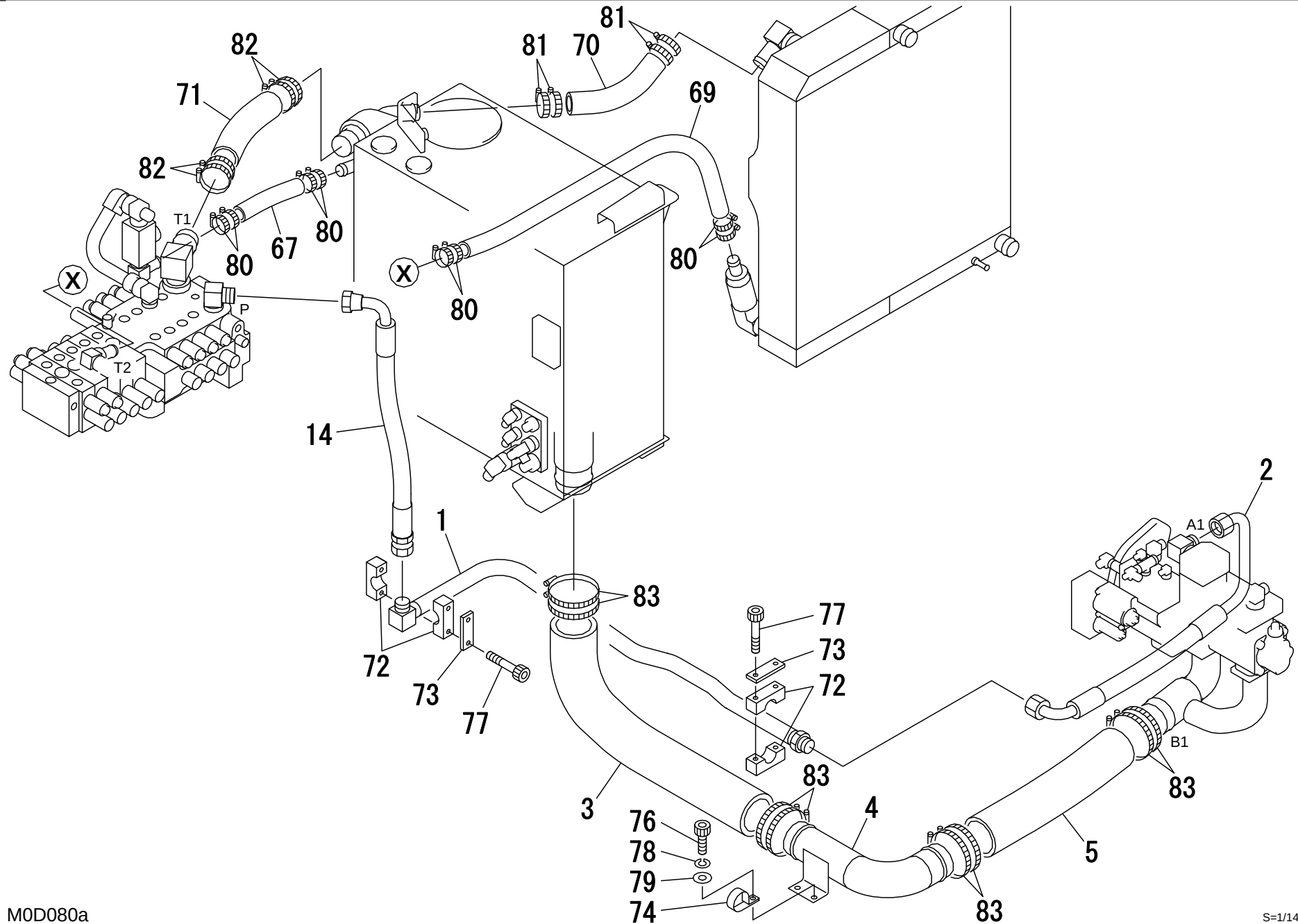
PIPING; UPPER (with high pressure 3rd & 4th auxiliary line)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		PIPING ASSY, upper					
1	0567043790	PIPE	1				
2	0567043020	HOSE ASSY	1				
3	0567043030	HOSE	1				
4	0567043040	PIPE	1				
5	0567043050	HOSE	1				sold by the meter
6	0567043060	HOSE ASSY	1				18045-00245
7	0567043070	HOSE ASSY	1				18045-00265
8	0567043080	HOSE ASSY	1				18010-53058
9	0567043090	HOSE ASSY	1				18010-23074
11	0567043110	HOSE ASSY	1				18010-24205
12	0567043120	HOSE ASSY	1				18047-61245
13	0567043130	HOSE ASSY	1				18010-23030
14	0567043140	HOSE ASSY	1				
15	0567043150	HOSE ASSY	1				
16	0567043160	HOSE ASSY	1				18045-40280
17	0567043170	HOSE ASSY	1				18015-50275
19	0567043190	HOSE ASSY	1				
21	0567043210	HOSE ASSY	1				18045-40270
22	0567043820	HOSE ASSY	1				
23	0567043830	HOSE ASSY	1				
24	0567043840	HOSE ASSY	1				18045-41245
25	0567043850	HOSE ASSY	1				18045-41250
26	0567043260	HOSE ASSY	1				18047-20175
27	0567043270	HOSE ASSY	1				18047-20148
28	0567043280	HOSE ASSY	1				18045-40116
29	0567043290	HOSE ASSY	1				18045-40104
31	0567043310	HOSE ASSY	1				18045-41116
32	0567043320	HOSE ASSY	1				18045-41098
33	0567043330	HOSE ASSY	1				18045-20132
34	0567043340	HOSE ASSY	1				18045-20098
35	0567043350	HOSE ASSY	1				18015-40091
36	0567043360	HOSE ASSY	1		190000003~190000007		18015-40078
	0567044360	HOSE ASSY	1		190000008~	M	18015-40052
37	0567043370	HOSE ASSY	1				18010-26075
38	0567043380	HOSE ASSY	1				18010-22094
41	0567043410	HOSE ASSY	1				18045-40080
42	0567043420	HOSE ASSY	1				18045-40070
44	0567043440	HOSE ASSY	1				18010-22054
45	0567043450	HOSE ASSY	1				18010-22108
46	0567043460	HOSE ASSY	1				18010-22038
47	0567043470	HOSE ASSY	1				18010-22140
48	0567043480	HOSE ASSY	1				
49	0567043490	HOSE ASSY	1				18010-52140
51	0567043510	HOSE ASSY	1				18010-52056
52	0567043520	HOSE ASSY	1				18010-22148
53	0567043530	HOSE ASSY	1				
54	0567043540	HOSE ASSY	1				18010-23046
55	0567043550	HOSE ASSY	1				18015-50300
56	0567043560	HOSE ASSY	1		190000003~190000007		18015-40185
	0567044560	HOSE ASSY	1		190000008~	M	18015-40215
57	0567043570	HOSE ASSY	1		190000003~190000007		18015-40190
	0567044570	HOSE ASSY	1		190000008~	M	18015-40210
58	0567043580	HOSE ASSY	1		190000003~190000007		
	0567044580	HOSE ASSY	1		190000008~	M	
59	0567043590	HOSE ASSY	1		190000003~190000007		

PIPING; UPPER (with high pressure 3rd & 4th auxiliary line)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
59	0567044590	HOSE ASSY	1		190000008~	M	
60	1531335050	PROTECTOR	1				sold by the meter
61	0567043610	HOSE ASSY	1				18010-22120
62	0567043620	HOSE ASSY	1		190000003~190000007		18015-47074
	0567044620	HOSE ASSY	1		190000008~	M	18015-40052
63	0567043630	HOSE ASSY	1				18010-22195
64	0567043640	HOSE ASSY	1				18015-00195
65	0567043650	HOSE ASSY	1				18010-22092
66	0567043660	HOSE ASSY	1				18010-23116
67	1530525017	HOSE	1				sold by the meter
69	1530525092	HOSE	1				sold by the meter
70	1530534030	HOSE	1				sold by the meter
71	1530547020	HOSE	1				sold by the meter
72	1534100312	CLAMP	2				
73	1534100313	PLATE	2				
74	0007300030	CLAMP	3				
75	1513390015	TEE	1			M	
76	1110041025	SCREW, cap	4				
77	1110041070	SCREW, cap	4				
78	1140020010	WASHER, spring	4				
79	1141110010	WASHER	4				
80	1533700041	BAND	8				
81	1533700048	BAND	4				
82	1533700070	BAND	4				
83	1533700102	BAND	8				
97	0567043810	HOSE ASSY	1				18010-26034
98	0565067110	HOSE ASSY	1				18010-22210
99	0565067120	HOSE ASSY	1				18010-52250
100	0565067130	HOSE ASSY	1				18045-00106
	M0d070						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
PIPING; UPPER (with blade float)



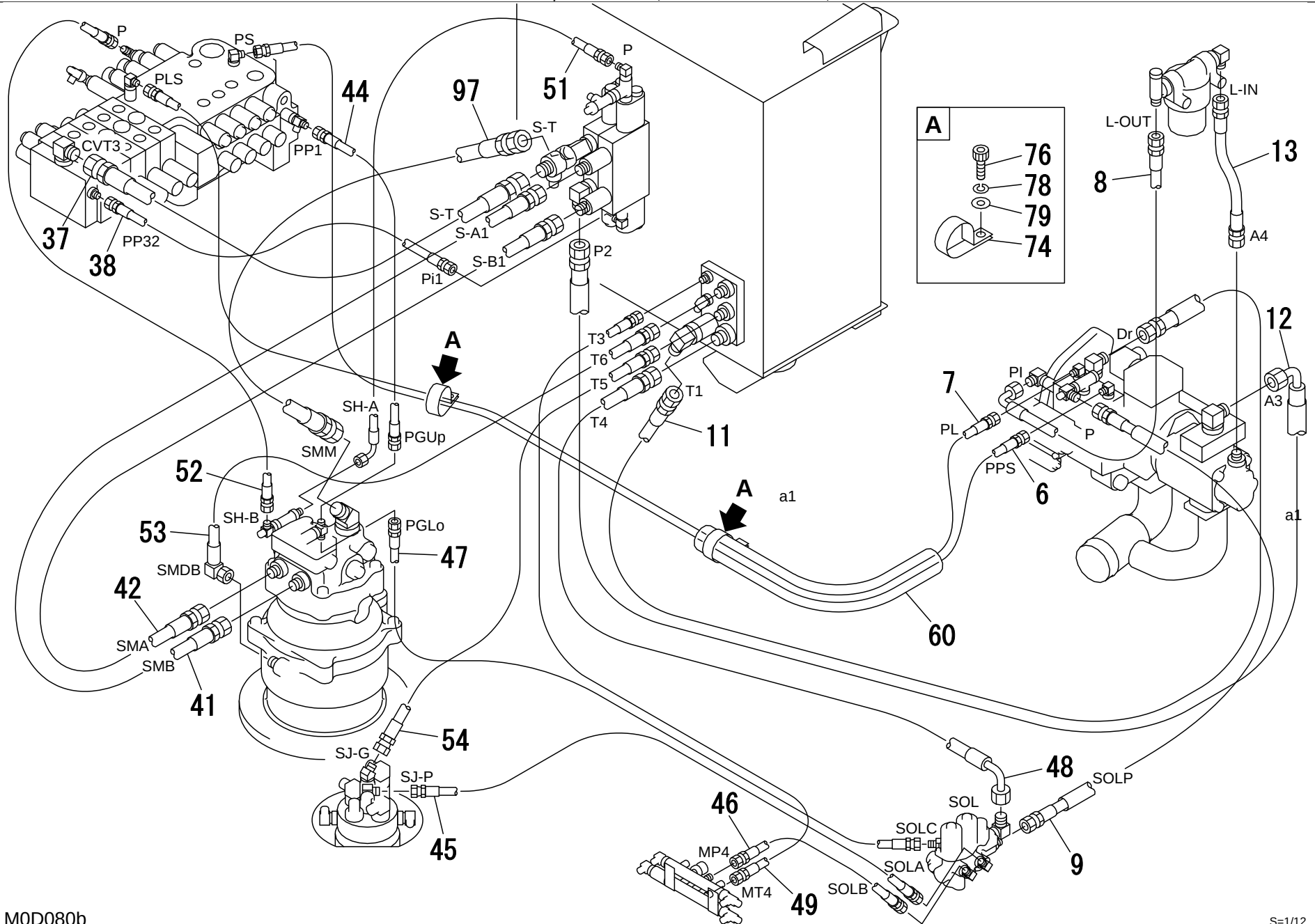
M0D080a

Reference M0D080a

S=1/14

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**TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
PIPING; UPPER (with blade float)**

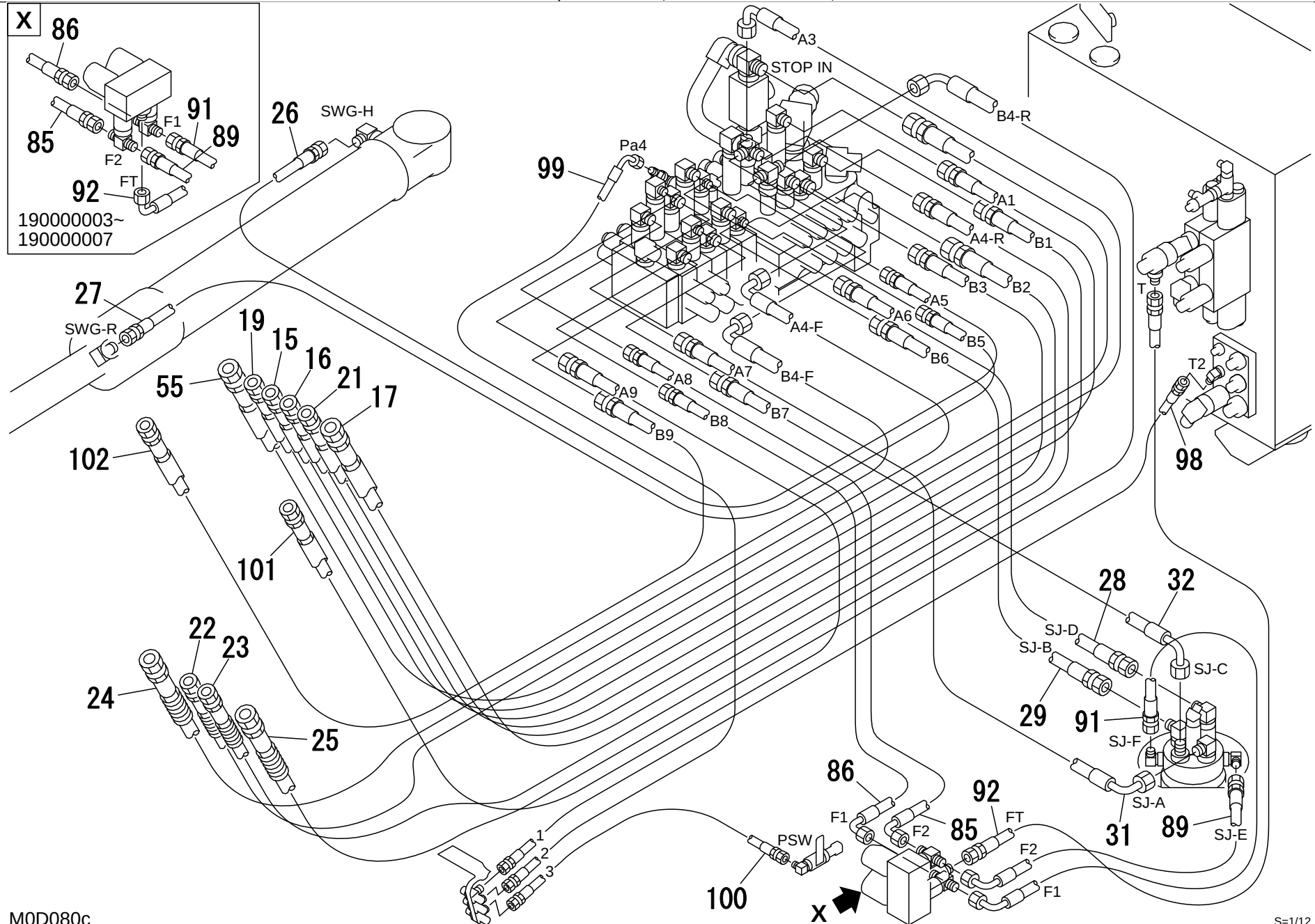


MOD080b

Reference MOD080a

S=1/12

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
PIPING; UPPER (with blade float)



MOD080c

Reference MOD080a

S=1/12

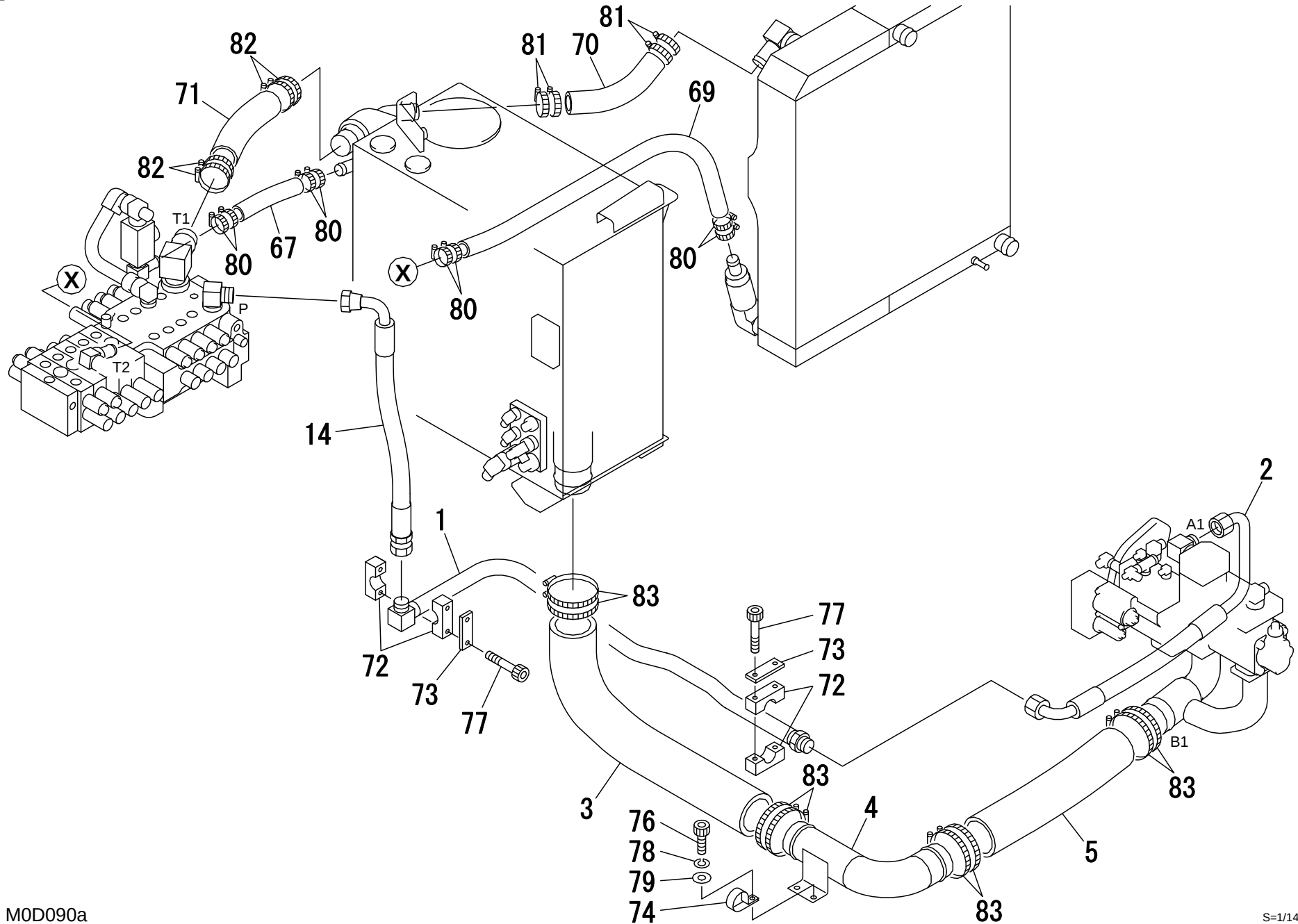
PIPING; UPPER (with blade float)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		PIPING ASSY, upper					
1	0567043790	PIPE	1				
2	0567043020	HOSE ASSY	1				
3	0567043030	HOSE	1				
4	0567043040	PIPE	1				
5	0567043050	HOSE	1				sold by the meter
6	0567043060	HOSE ASSY	1				18045-00245
7	0567043070	HOSE ASSY	1				18045-00265
8	0567043080	HOSE ASSY	1				18010-53058
9	0567043090	HOSE ASSY	1				18010-23074
11	0567043110	HOSE ASSY	1				18010-24205
12	0567043120	HOSE ASSY	1				18047-61245
13	0567043130	HOSE ASSY	1				18010-23030
14	0567043140	HOSE ASSY	1				
15	0567043150	HOSE ASSY	1				
16	0567043160	HOSE ASSY	1				18045-40280
17	0567043170	HOSE ASSY	1				18015-50275
19	0567043190	HOSE ASSY	1				
21	0567043210	HOSE ASSY	1				18045-40270
22	0567043820	HOSE ASSY	1				
23	0567043830	HOSE ASSY	1				
24	0567043840	HOSE ASSY	1				18045-41245
25	0567043850	HOSE ASSY	1				18045-41250
26	0567043260	HOSE ASSY	1				18047-20175
27	0567043270	HOSE ASSY	1				18047-20148
28	0567043280	HOSE ASSY	1				18045-40116
29	0567043290	HOSE ASSY	1				18045-40104
31	0567043310	HOSE ASSY	1				18045-41116
32	0567043320	HOSE ASSY	1				18045-41098
37	0567043370	HOSE ASSY	1				18010-26075
38	0567043380	HOSE ASSY	1				18010-22094
41	0567043410	HOSE ASSY	1				18045-40080
42	0567043420	HOSE ASSY	1				18045-40070
44	0567043440	HOSE ASSY	1				18010-22054
45	0567043450	HOSE ASSY	1				18010-22108
46	0567043460	HOSE ASSY	1				18010-22038
47	0567043470	HOSE ASSY	1				18010-22140
48	0567043480	HOSE ASSY	1				
49	0567043490	HOSE ASSY	1				18010-52140
51	0567043510	HOSE ASSY	1				18010-52056
52	0567043520	HOSE ASSY	1				18010-22148
53	0567043530	HOSE ASSY	1				
54	0567043540	HOSE ASSY	1				18010-23046
55	0567043550	HOSE ASSY	1				18015-50300
60	1531335050	PROTECTOR	1				sold by the meter
67	1530525017	HOSE	1				sold by the meter
69	1530525092	HOSE	1				sold by the meter
70	1530534030	HOSE	1				sold by the meter
71	1530547020	HOSE	1				sold by the meter
72	1534100312	CLAMP	2				
73	1534100313	PLATE	2				
74	0007300030	CLAMP	3				
76	1110041025	SCREW, cap	4				
77	1110041070	SCREW, cap	4				
78	1140020010	WASHER, spring	4				
79	1141110010	WASHER	4				

PIPING; UPPER (with blade float)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
80	1533700041	BAND	8				
81	1533700048	BAND	4				
82	1533700070	BAND	4				
83	1533700102	BAND	8				
85	0567043770	HOSE ASSY	1		190000003~190000007		18045-20106
	0567044850	HOSE ASSY	1		190000008~	M	18045-21066
86	0567043780	HOSE ASSY	1		190000003~190000007		18045-20094
	0567044860	HOSE ASSY	1		190000008~	M	18045-21062
89	0567043690	HOSE ASSY	1		190000003~190000007		18045-20048
	0567044890	HOSE ASSY	1		190000008~	M	18045-21086
91	0567043710	HOSE ASSY	1		190000003~190000007		18045-20074
	0567043960	HOSE ASSY	1		190000008~	M	18045-21060
92	0567043720	HOSE ASSY	1		190000003~190000007		18010-53080
	0567043970	HOSE ASSY	1		190000008~	M	18010-23048
97	0567043810	HOSE ASSY	1				18010-26034
98	0565067110	HOSE ASSY	1				18010-22210
99	0565067120	HOSE ASSY	1				18010-52250
100	0565067130	HOSE ASSY	1				18045-00106
101	0567043860	HOSE ASSY	1				18015-40265
102	0567043870	HOSE ASSY	1				18015-40245
	M0d080						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
PIPING; UPPER (with blade float & high pressure 3rd auxiliary line)



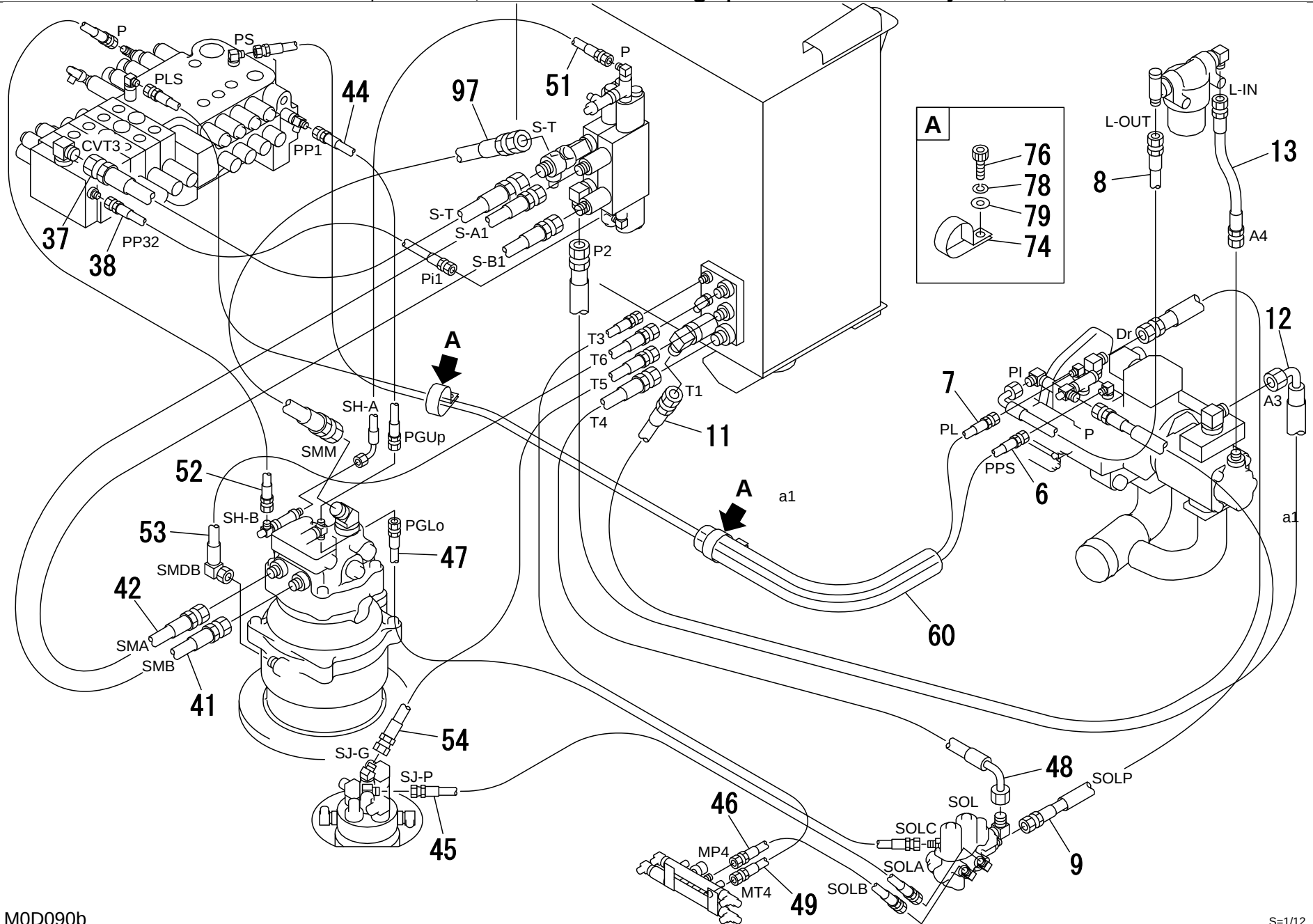
M0D090a

Reference M0D090a

S=1/14

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**TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
PIPING; UPPER (with blade float & high pressure 3rd auxiliary line)**

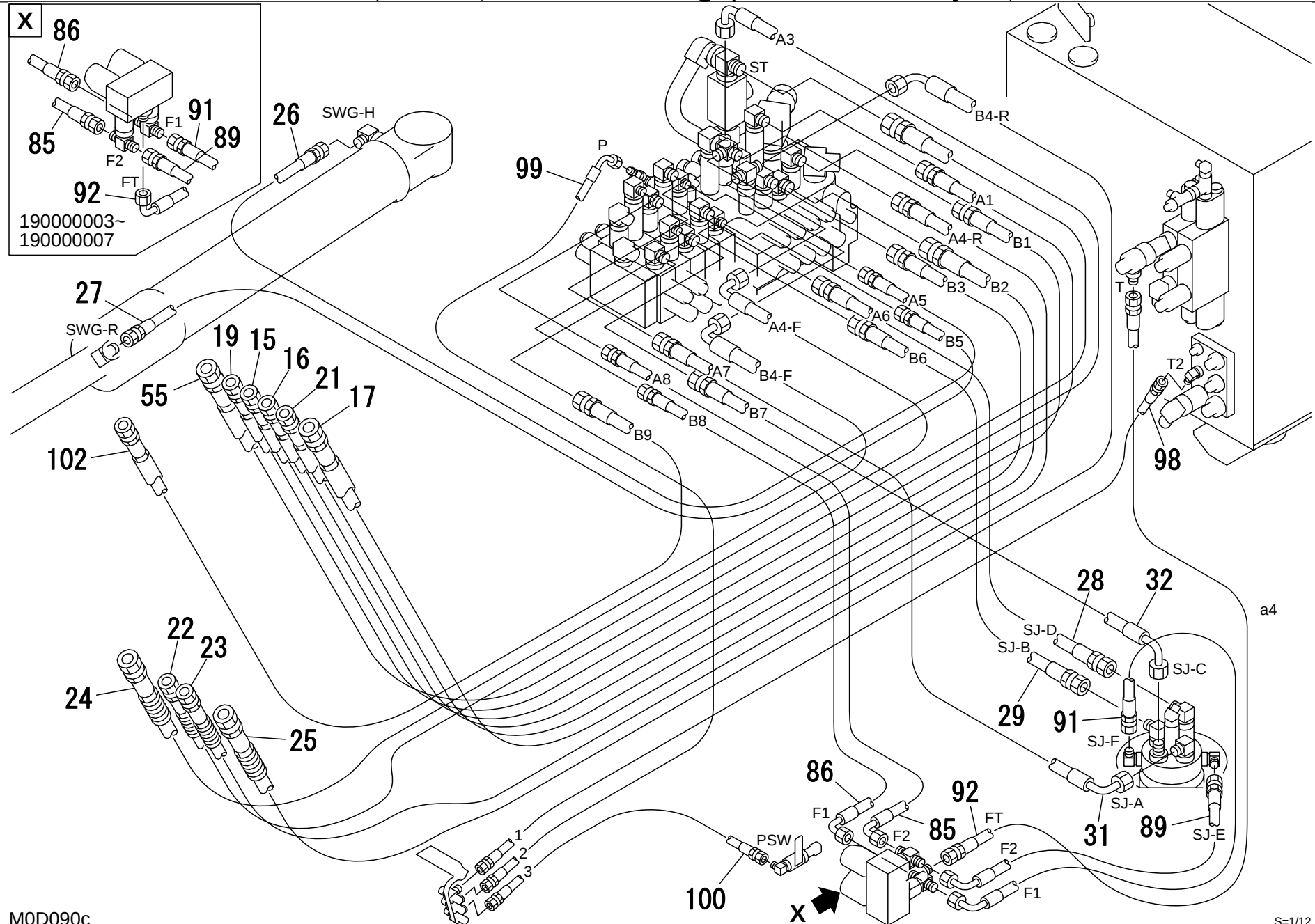


MOD090b

Reference MOD090a

S=1/12

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
PIPING; UPPER (with blade float & high pressure 3rd auxiliary line)

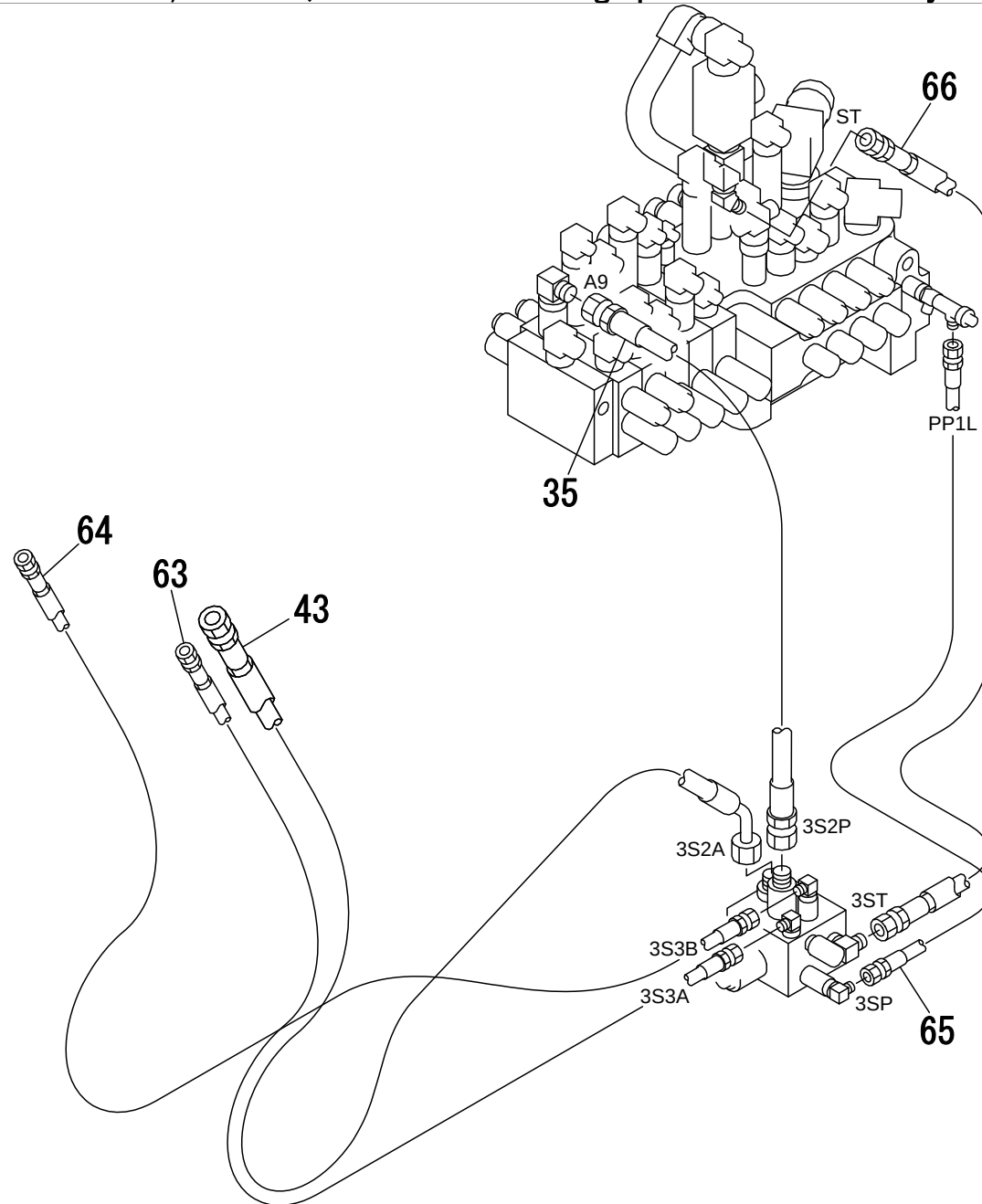


MOD090c

Reference MOD090a

S=1/12

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
PIPING; UPPER (with blade float & high pressure 3rd auxiliary line)



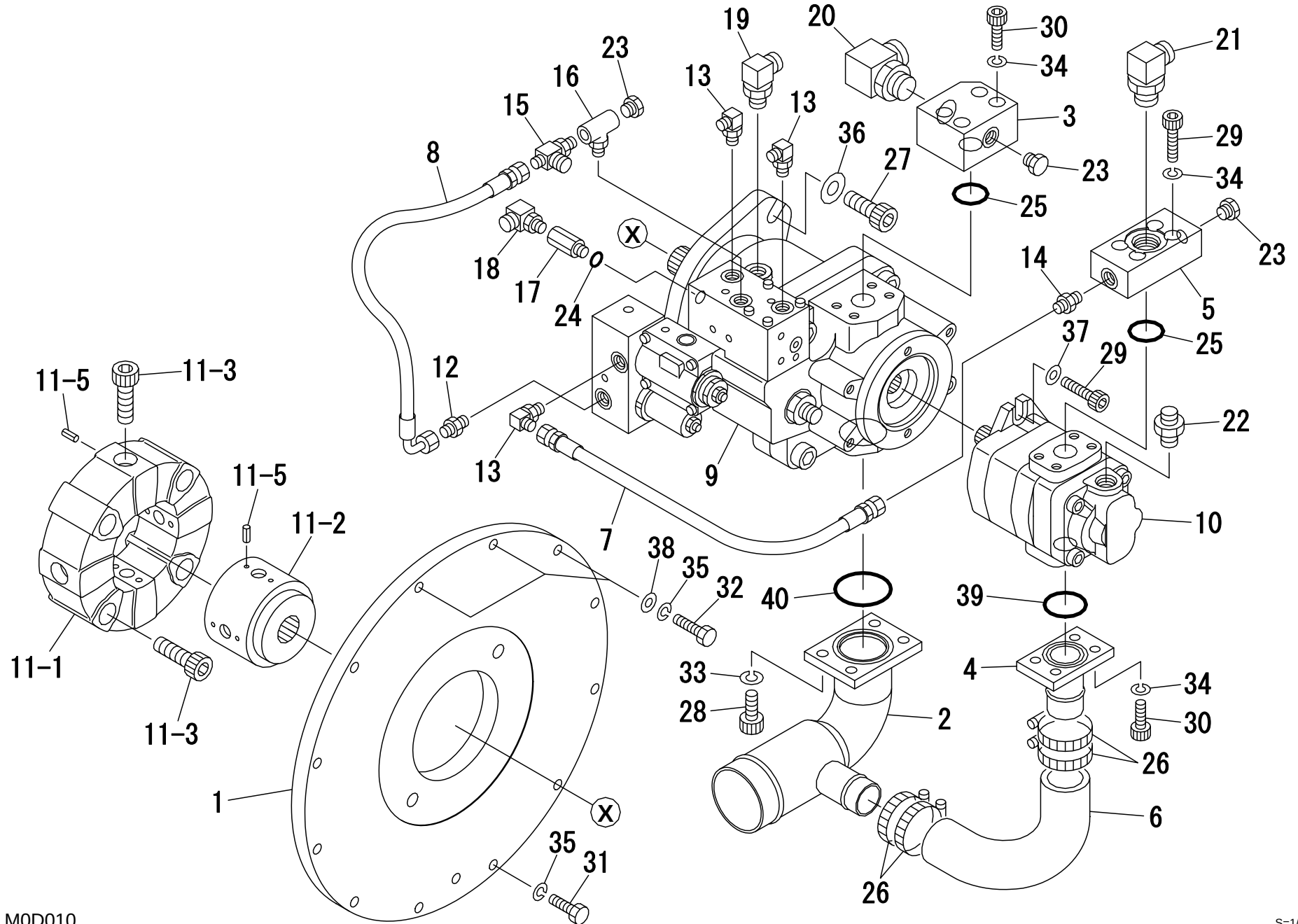
PIPING; UPPER (with blade float & high pressure 3rd auxiliary line)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		PIPING ASSY, upper					
1	0567043790	PIPE	1				
2	0567043020	HOSE ASSY	1				
3	0567043030	HOSE	1				
4	0567043040	PIPE	1				
5	0567043050	HOSE	1				sold by the meter
6	0567043060	HOSE ASSY	1				18045-00245
7	0567043070	HOSE ASSY	1				18045-00265
8	0567043080	HOSE ASSY	1				18010-53058
9	0567043090	HOSE ASSY	1				18010-23074
11	0567043110	HOSE ASSY	1				18010-24205
12	0567043120	HOSE ASSY	1				18047-61245
13	0567043130	HOSE ASSY	1				18010-23030
14	0567043140	HOSE ASSY	1				
15	0567043150	HOSE ASSY	1				
16	0567043160	HOSE ASSY	1				18045-40280
17	0567043170	HOSE ASSY	1				18015-50275
19	0567043190	HOSE ASSY	1				
21	0567043210	HOSE ASSY	1				18045-40270
22	0567043820	HOSE ASSY	1				
23	0567043830	HOSE ASSY	1				
24	0567043840	HOSE ASSY	1				18045-41245
25	0567043850	HOSE ASSY	1				18045-41250
26	0567043260	HOSE ASSY	1				18047-20175
27	0567043270	HOSE ASSY	1				18047-20148
28	0567043280	HOSE ASSY	1				18045-40116
29	0567043290	HOSE ASSY	1				18045-40104
31	0567043310	HOSE ASSY	1				18045-41116
32	0567043320	HOSE ASSY	1				18045-41098
35	0567043350	HOSE ASSY	1				18015-40091
37	0567043370	HOSE ASSY	1				18010-26075
38	0567043380	HOSE ASSY	1				18010-22094
41	0567043410	HOSE ASSY	1				18045-40080
42	0567043420	HOSE ASSY	1				18045-40070
43	0567043890	HOSE ASSY	1				18015-47200
44	0567043440	HOSE ASSY	1				18010-22054
45	0567043450	HOSE ASSY	1				18010-22108
46	0567043460	HOSE ASSY	1				18010-22038
47	0567043470	HOSE ASSY	1				18010-22140
48	0567043480	HOSE ASSY	1				
49	0567043490	HOSE ASSY	1				18010-52140
51	0567043510	HOSE ASSY	1				18010-52056
52	0567043520	HOSE ASSY	1				18010-22148
53	0567043530	HOSE ASSY	1				
54	0567043540	HOSE ASSY	1				18010-23046
55	0567043550	HOSE ASSY	1				18015-50300
60	1531335050	PROTECTOR	1				sold by the meter
63	0567043630	HOSE ASSY	1				18010-22195
64	0567043640	HOSE ASSY	1				18015-00195
65	0567043650	HOSE ASSY	1				18010-22092
66	0567043660	HOSE ASSY	1				18010-23116
67	1530525017	HOSE	1				sold by the meter
69	1530525092	HOSE	1				sold by the meter
70	1530534030	HOSE	1				sold by the meter
71	1530547020	HOSE	1				sold by the meter
72	1534100312	CLAMP	2				

PIPING; UPPER (with blade float & high pressure 3rd auxiliary line)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
73	1534100313	PLATE	2				
74	0007300030	CLAMP	3				
76	1110041025	SCREW, cap	4				
77	1110041070	SCREW, cap	4				
78	1140020010	WASHER, spring	4				
79	1141110010	WASHER	4				
80	1533700041	BAND	8				
81	1533700048	BAND	4				
82	1533700070	BAND	4				
83	1533700102	BAND	8				
85	0567043770	HOSE ASSY	1		190000003~190000007		18045-20106
	0567044850	HOSE ASSY	1		190000008~	M	18045-21066
86	0567043780	HOSE ASSY	1		190000003~190000007		18045-20094
	0567044860	HOSE ASSY	1		190000008~	M	18045-21062
89	0567043690	HOSE ASSY	1		190000003~190000007		18045-20048
	0567044890	HOSE ASSY	1		190000008~	M	18045-21086
91	0567043710	HOSE ASSY	1		190000003~190000007		18045-20074
	0567043960	HOSE ASSY	1		190000008~	M	18045-21060
92	0567043720	HOSE ASSY	1		190000003~190000007		18010-53080
	0567043970	HOSE ASSY	1		190000008~	M	18010-23048
97	0567043810	HOSE ASSY	1				18010-26034
98	0565067110	HOSE ASSY	1				18010-22210
99	0565067120	HOSE ASSY	1				18010-52250
100	0565067130	HOSE ASSY	1				18045-00106
102	0567043870	HOSE ASSY	1				18015-40245
	M0d090						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
PUMP DRIVE



MOD010

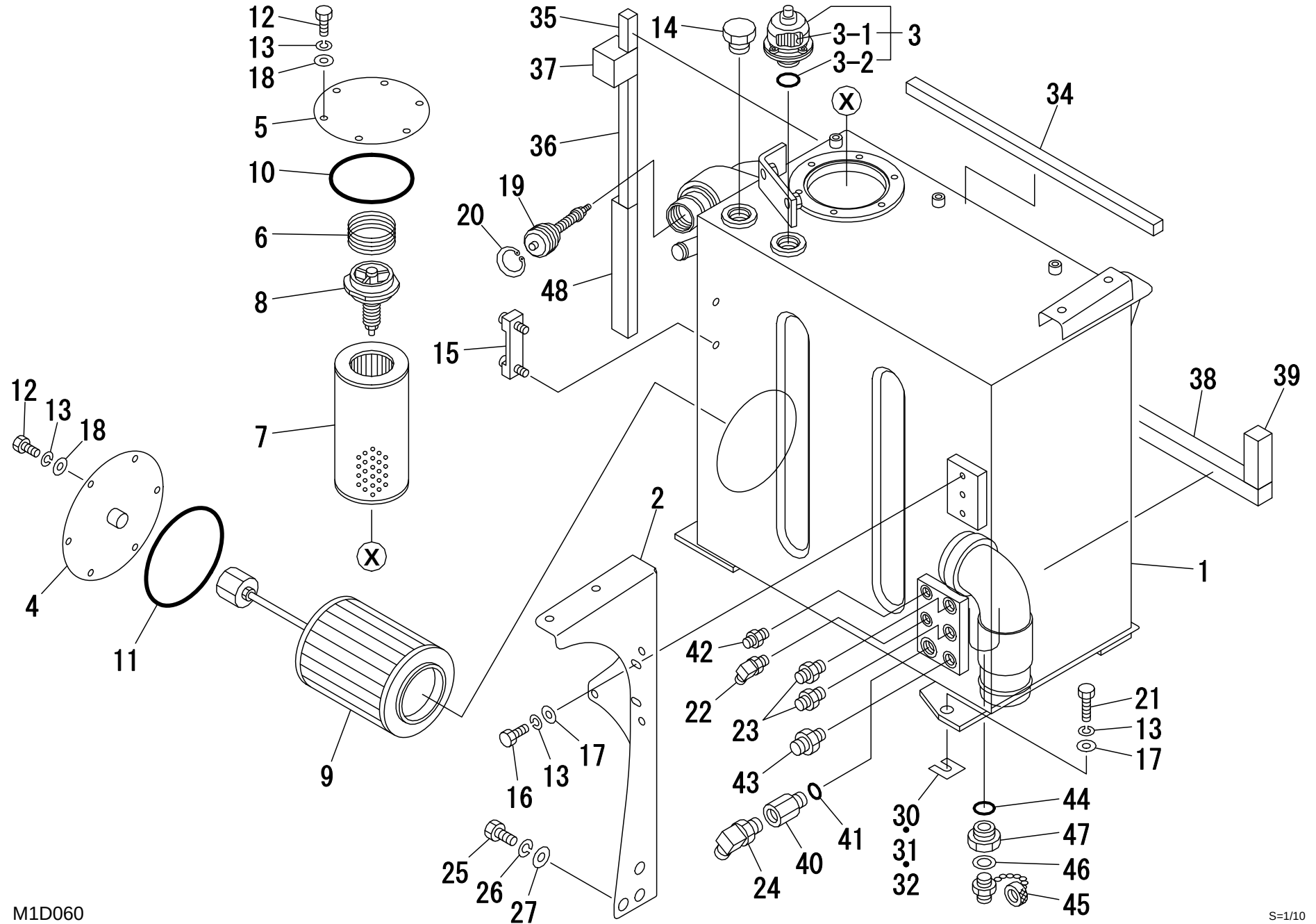
Reference MOD010

S=1/7

PUMP DRIVE

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		PUMP ASSY, drive					
1	0565225010	HOUSING	1				
2	0565225100	PIPE	1				
3	0565225020	FLANGE	1				
4	0881521250	NIPPLE	1				
5	0565224210	FLANGE	1				
6	0565223520	HOSE	1				
7	0565225040	HOSE ASSY	1				18045-00044
8	0565225050	HOSE ASSY	1				18010-52034
9	1902026700	PUMP, hydraulic	1				
10	1902026800	PUMP, gear	1				
11	1602040100	COUPLING ASSY	1				
11-1	1602000800	• COUPLING	1				
11-2	1602040102	• BOSS, coupling	1				
11-3	1602031650	• SCREW, cap	8				
11-5	1213000510	• PIN, spring	12				
12	1512370008	ADAPTOR (with filter)	1				
	1420010110	• O-RING	1				
13	1515012040	ELBOW	3				
	1420010110	• O-RING	1				
14	1515600200	ADAPTOR	1				
	1420010110	• O-RING	1				
15	1512373007	TEE	1				
	1420010110	• O-RING	1				
16	1513370048	TEE	1			M	
	1420010110	• O-RING	1			M	
17	0007213028	BUSHING	1				
18	1515010130	ELBOW	1				
	1420010110	• O-RING	1				
19	1515200067	ELBOW	1				
	1420310908	• O-RING	1				
20	1515010133	ELBOW	1				
	1420010240	• O-RING	1				
21	1515010043	ELBOW	1				
	1420010240	• O-RING	1				
22	1515600577	ADAPTOR	1				
	1420010180	• O-RING	1				
23	1501750002	PLUG	3				
	1420010110	• O-RING	1				
24	1420010110	O-RING	1				
25	1420110350	O-RING	2				
26	1533700054	BAND	4				
27	1111041645	SCREW, cap	2				
28	1110041230	SCREW, cap	4				
29	1110041040	SCREW, cap	6				
30	1110041030	SCREW, cap	8				
31	1100041035	BOLT	9				
32	1100041045	BOLT	3				
33	1140420012	WASHER, spring	4				
34	1140420010	WASHER, spring	12				
35	1140020010	WASHER, spring	12				
36	1141550016	WASHER	2				
37	1141550010	WASHER	2				
38	0003600020	WASHER	3				
39	1420110400	O-RING	1				
40	1420110550	O-RING	1				

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
HYDRAULIC TANK



M1D060

Reference M1D060

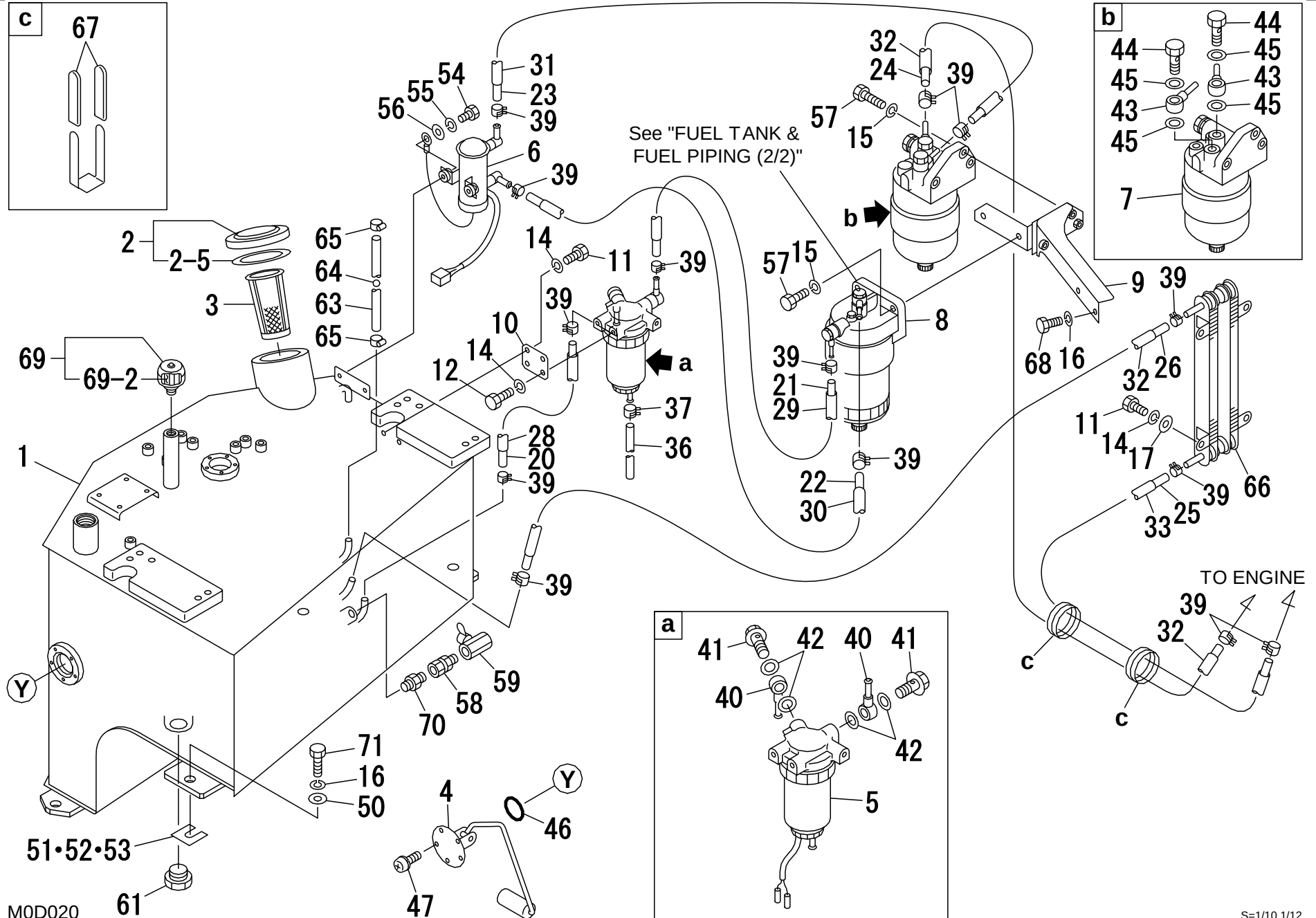
S=1/10

ページ 4-14

HYDRAULIC TANK

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	0568041100	TANK ASSY, hydraulic	1				
2	0568040050	TANK, hydraulic	1				
3	1552002700	BRACKET	1				
3-1	1552002715	BREATHER, air	1				
3-2	1420010300	· ELEMENT	1				
4	0568040040	· O-RING	1				
5	0568014500	COVER	1				
6	0007000031	COVER	1				
7	1551103900	SPRING	1				
8	1551100300	FILTER	1				
9	1550100120	VALVE	1				
10	1420101250	FILTER	1				
11	1420101600	O-RING	1				
12	1100041020	O-RING	1				
13	1140020010	BOLT	12				
14	1501750010	WASHER, spring	12				
	1420010290	PLUG	1				
15	1553020685	· O-RING	1				
16	1100041025	GAUGE	1				
17	0003600243	BOLT	2				
18	1141110010	WASHER	6				
19	1540141025	WASHER	12				
20	1221010042	VALVE, check	1				
21	1100041035	RING, snap	1				
22	1515012040	BOLT	4				
	1420010110	ELBOW	1				
23	1515600201	· O-RING	1				
	1420010140	ADAPTOR	2				
24	1515010042	· O-RING	1				
	1420010180	ELBOW	1				
25	1101041230	· O-RING	1				
26	1140020012	BOLT	3				
27	0003600026	WASHER, spring	3				
30	0323054001	WASHER	3				
31	0323054002	SHIM	AR				t=1.0mm
32	0323054003	SHIM	AR				t=2.3mm
34	1654349053	SHIM	AR				t=3.2mm
35	1654349006	SPONGE	1				sold by the meter
36	1654349024	SPONGE	1				sold by the meter
37	1654346005	SPONGE	1				sold by the meter
38	1654341053	SPONGE	1				sold by the meter
39	1654341009	SPONGE	1				sold by the meter
40	0007213011	SPONGE	1				sold by the meter
41	1420010180	BUSHING	1				
42	1515600200	O-RING	1				
	1420010110	ADAPTOR	1				
43	1515600572	· O-RING	1				
	1420010140	ADAPTOR	1				
44	1420010290	· O-RING	1				
45	1554502250	O-RING	1				
46	1541400722	PLUG	1				
47	0568021200	WASHER	1				
48	0568041010	BUSHING	1				
	M1d061	SPONGE	1				sold by the meter

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
FUEL TANK & FUEL PIPING (1/2)



M0D020

Reference M0D020

S=1/10,1/12

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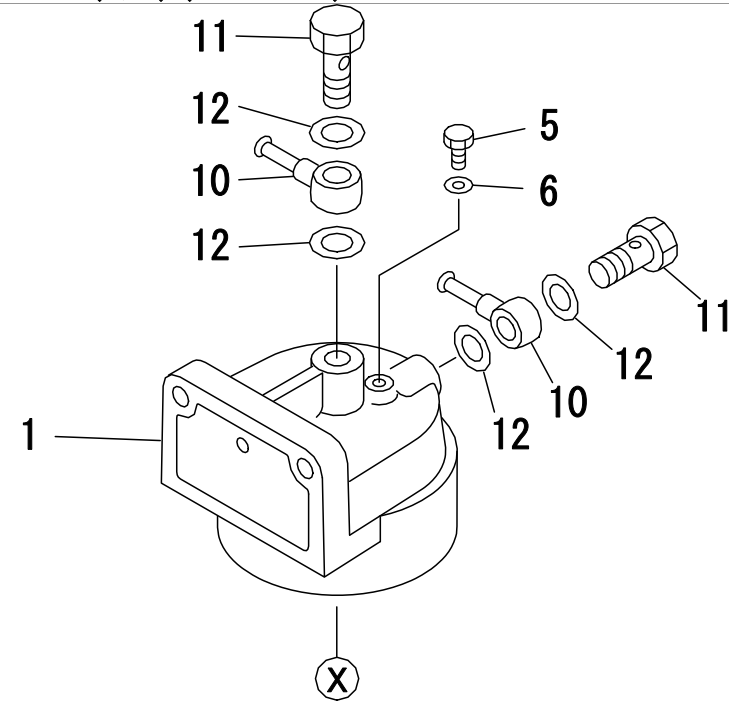
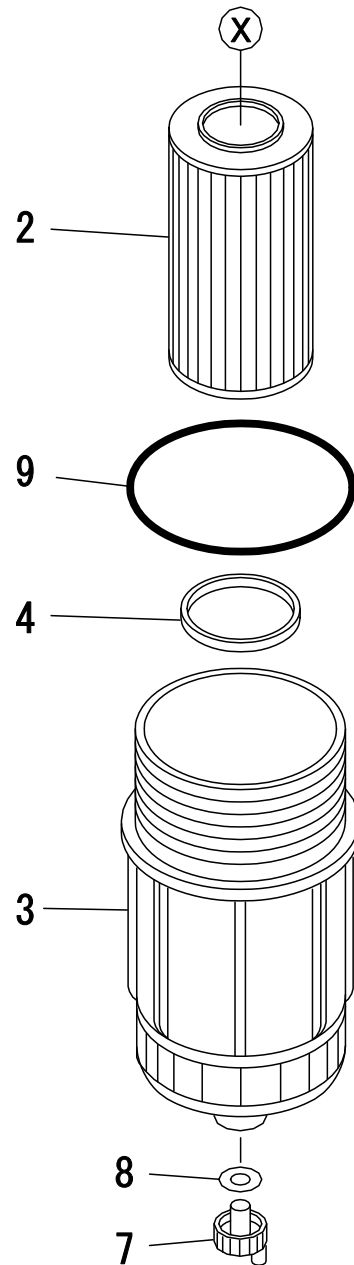
FUEL TANK & FUEL PIPING (1/2)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		TANK ASSY, fuel					
1	0568133400	TANK	1				
2	1552101300	CAP	1				
2-5	1552101305	· PACKING	1				
3	1552100720	STRAINER	1				
4	1553202700	SENDER, fuel	1				
5	1910188033	STRAINER	1				I894144-9333
6	1910274034	PUMP, fuel	1				I898068-2750
7	1910257031	FILTER, fuel	1				I898143-8260
8	1552002500	FILTER, fuel (KAKO)	1				see page (2/2)
9	0568132010	BRACKET	1				
10	0578100048	PLATE	1				
11	1100040816	BOLT	6				
12	1100040825	BOLT	2				
14	1140020008	WASHER, spring	8				
15	1140020010	WASHER, spring	5				
16	1140020012	WASHER, spring	6				
17	1141110010	WASHER	4				
20	1531209036	HOSE	1				sold by the meter
21	1531209060	HOSE	1				sold by the meter
22	1531209100	HOSE	1				sold by the meter
23	1531209080	HOSE	1				sold by the meter
24	1531209240	HOSE	1				sold by the meter
25	1531214150	HOSE	1				sold by the meter
26	1531209130	HOSE	1				sold by the meter
28	1531118026	PROTECTOR	1				sold by the meter
29	1531118050	PROTECTOR	1				sold by the meter
30	1531118090	PROTECTOR	1				sold by the meter
31	1531118070	PROTECTOR	1				sold by the meter
32	1531118120	PROTECTOR	3				sold by the meter
33	1531118140	PROTECTOR	1				sold by the meter
36	1531007026	HOSE	1				sold by the meter
37	1533120009	BAND	1				
39	1533120015	BAND	14				
40	1910188052	JOINT	2				I515411-2231
41	1910288051	BOLT	2				I109675-1460
42	1910172053	PACKING	2				I109630-0850
43	1910230052	JOINT	2				I897383-4270
44	1910230053	BOLT	2				I109675-0951
45	1910230054	PACKING	4				I109630-0860
46	1420000450	O-RING	1				
47	1150110510	SCREW	5				
50	0003600026	WASHER	4				
51	0323054001	SPACER	AR				t=1.0mm
52	0323054002	SPACER	AR				t=2.3mm
53	0323054003	SPACER	AR				t=3.2mm
54	1100040625	BOLT	2				
55	1140020006	WASHER, spring	2				
56	0003600110	WASHER	2				
57	1100041040	BOLT	5				
58	1511420003	ADAPTOR	1				
59	1521500003	VALVE, ball	1				
61	1501750010	PLUG	1				
	1420010290	· O-RING	1				
63	1531010035	HOSE	1				sold by the meter
64	1553000001	FLOAT	1				

FUEL TANK & FUEL PIPING (1/2)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
65	1533700015	BAND	2				
66	1911300260	COOLER, fuel	1				
67	0872433150	TUBE	4				
68	1101041230	BOLT	2				
69	1552002800	BREATHER, air	1				
69-2	1552002802	· ELEMENT	1				
70	1515600201	ADAPTOR	1				
	1420010140	· O-RING	1				
71	1101041235	BOLT	4				
	M0d020						

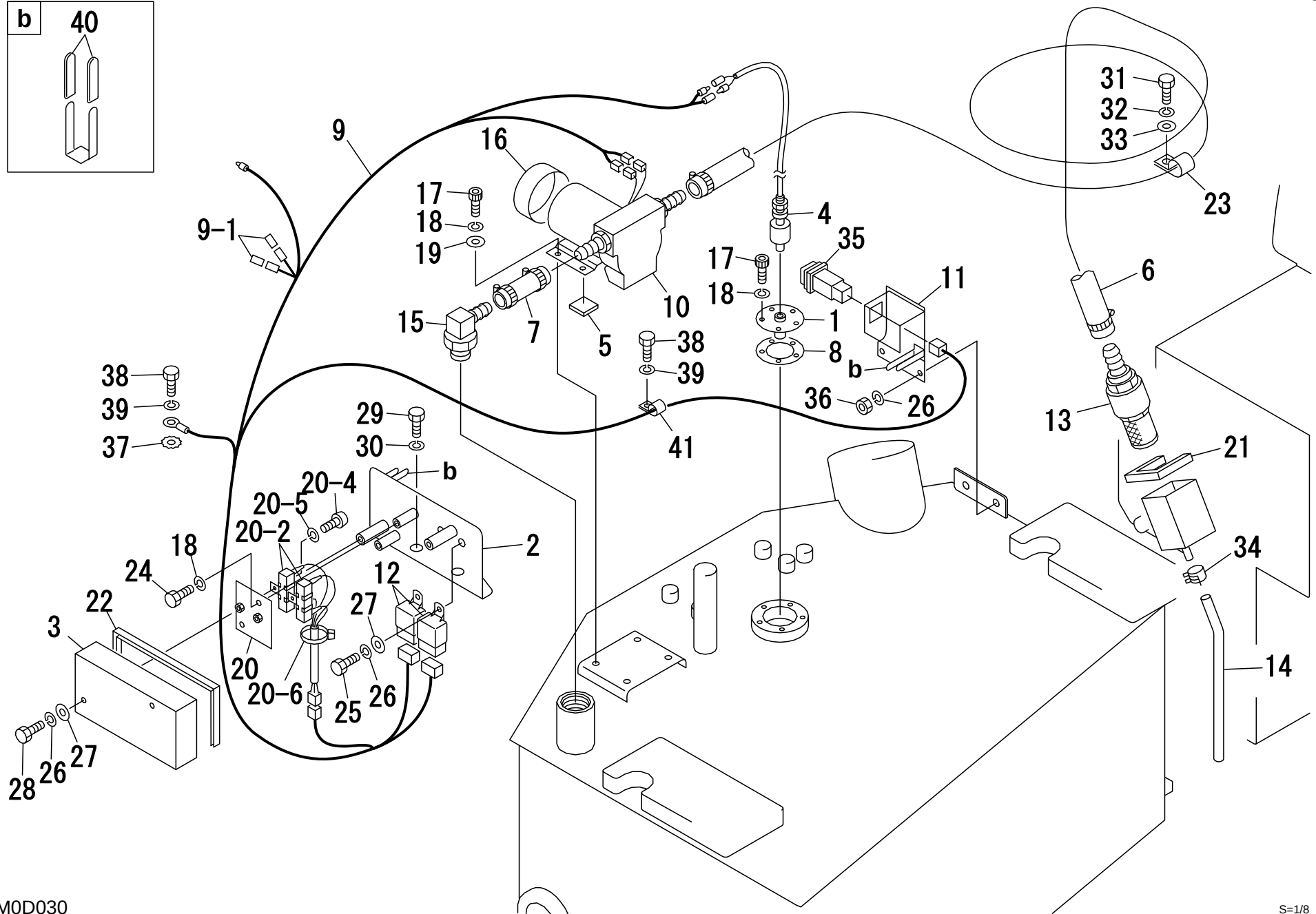
TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
FUEL TANK & FUEL PIPING (2/2) (fuel filter)



FUEL TANK & FUEL PIPING (2/2) (fuel filter)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0-1	1552002500	FILTER, fuel	1				
1	1552002501	· HEAD ASSY	1				
2	1552002502	· ELEMENT ASSY	1				
3	1552002503	· CASE	1				
4	1552002504	· RING	1				
5	1552002505	· PLUG	1				
6	1552002506	· GASKET	1				
7	1552002507	· PLUG	1				
8	1552002508	· GASKET	1				
9	1552002509	· O-RING	1				
10	1552002510	· JOINT	2				
11	1552002511	· BOLT	2				
12	1552002512	· GASKET	4				
	N2d190						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
FUEL SUPPLY PUMP



MOD030

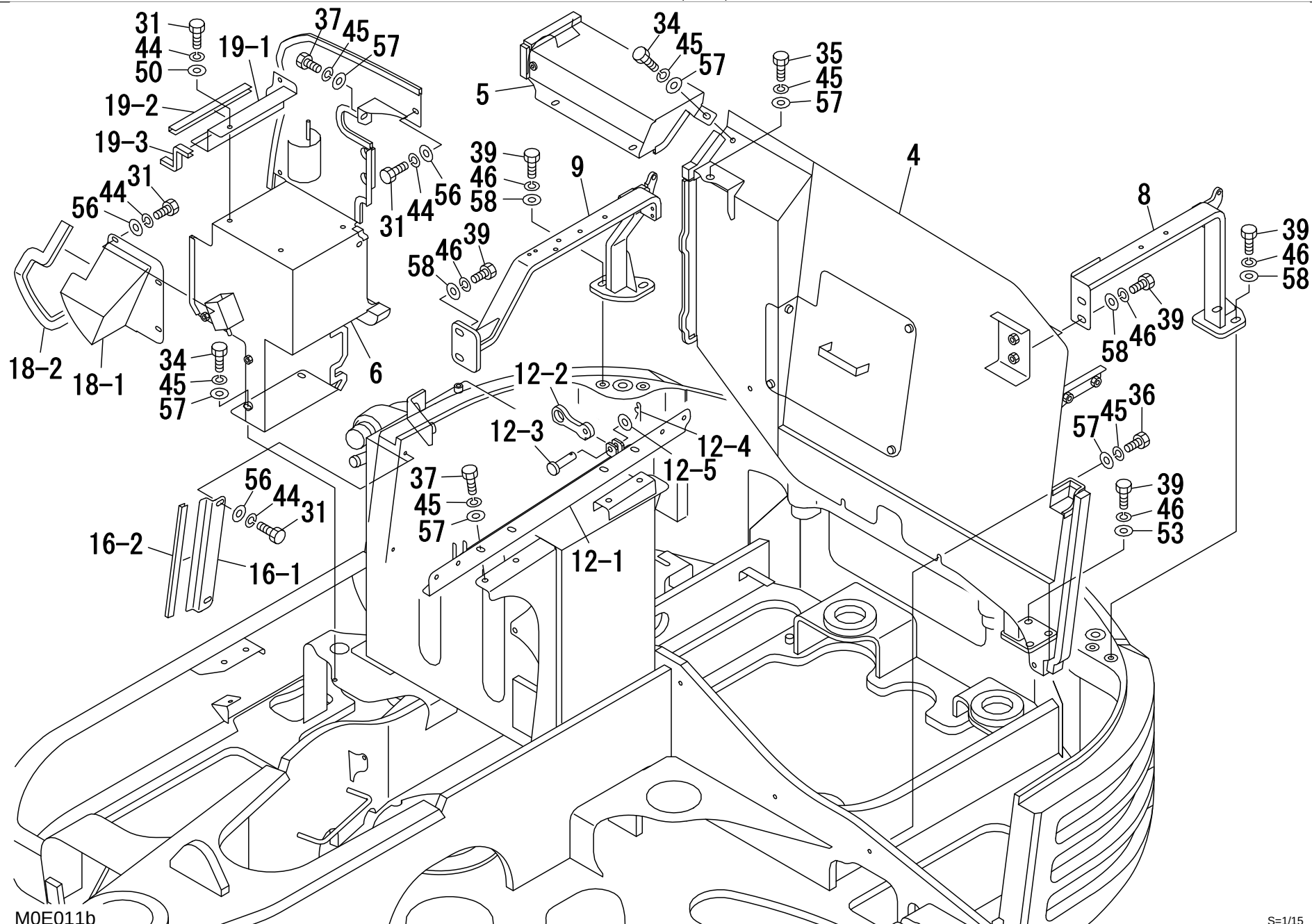
Reference MOD030

S=1/8

FUEL SUPPLY PUMP

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	0568133600	PUMP ASSY, fuel supply	1				
1	0568130020	· COVER	1				
2	0568133630	· BRACKET	1				
3	0568133640	· COVER	1				
4	0568127490	· SWITCH, level	1				
5	0568121020	· RUBBER	1				
6	0568133610	· HOSE ASSY	1				
7	0568133620	· HOSE ASSY	1				
8	1553200800	· PACKING	1				
9	0568133650	· HARNESS, wiring	1				
9-1	1730500008	· · DIODE (3A yellow)	2				
10	1711910230	· PUMP	1				
11	0568133660	· COVER	1				
12	1711900124	· RELAY	2				
13	1552001100	· STRAINER	1				
14	1531207027	· HOSE	1				sold by the meter
15	1513350018	· ELBOW	1				
16	1711910208	· COVER	1				
17	1110040512	· SCREW, cap	9				
18	1140020005	· WASHER, spring	11				
19	1141110005	· WASHER	4				
20	0334230120	· RESISTOR	1				
20-2	1730500016	· · RESISTOR	2				
20-4	1120530306	· · SCREW	2				
20-5	1140020003	· · WASHER, spring	2				
20-6	1652200003	· · BAND	1				
21	1653916015	· TRIM	1				sold by the meter
22	1654606034	· RUBBER	1				sold by the meter
23	0007300003	· CLAMP	1				
24	1100040510	· BOLT	2				
25	1100040612	· BOLT	2				
26	1140020006	· WASHER, spring	6				
27	1141110006	· WASHER	4				
28	1100040660	· BOLT	2				
29	1100041230	· BOLT	2				
30	1140020012	· WASHER, spring	2				
31	1100040816	· BOLT	1				
32	1140020008	· WASHER, spring	1				
33	1141110008	· WASHER	1				
34	1533120511	· CLAMP	1				
35	1700000039	· SWITCH	1				
36	1130040006	· NUT	2				
37	1140330010	· WASHER	1				
38	1100041016	· BOLT	2				
39	1140020010	· WASHER, spring	2				
40	0872433150	· TUBE	4				
41	1711900105	· CLAMP	1				
	M0d030						

 $S=1/16$



M0E011b

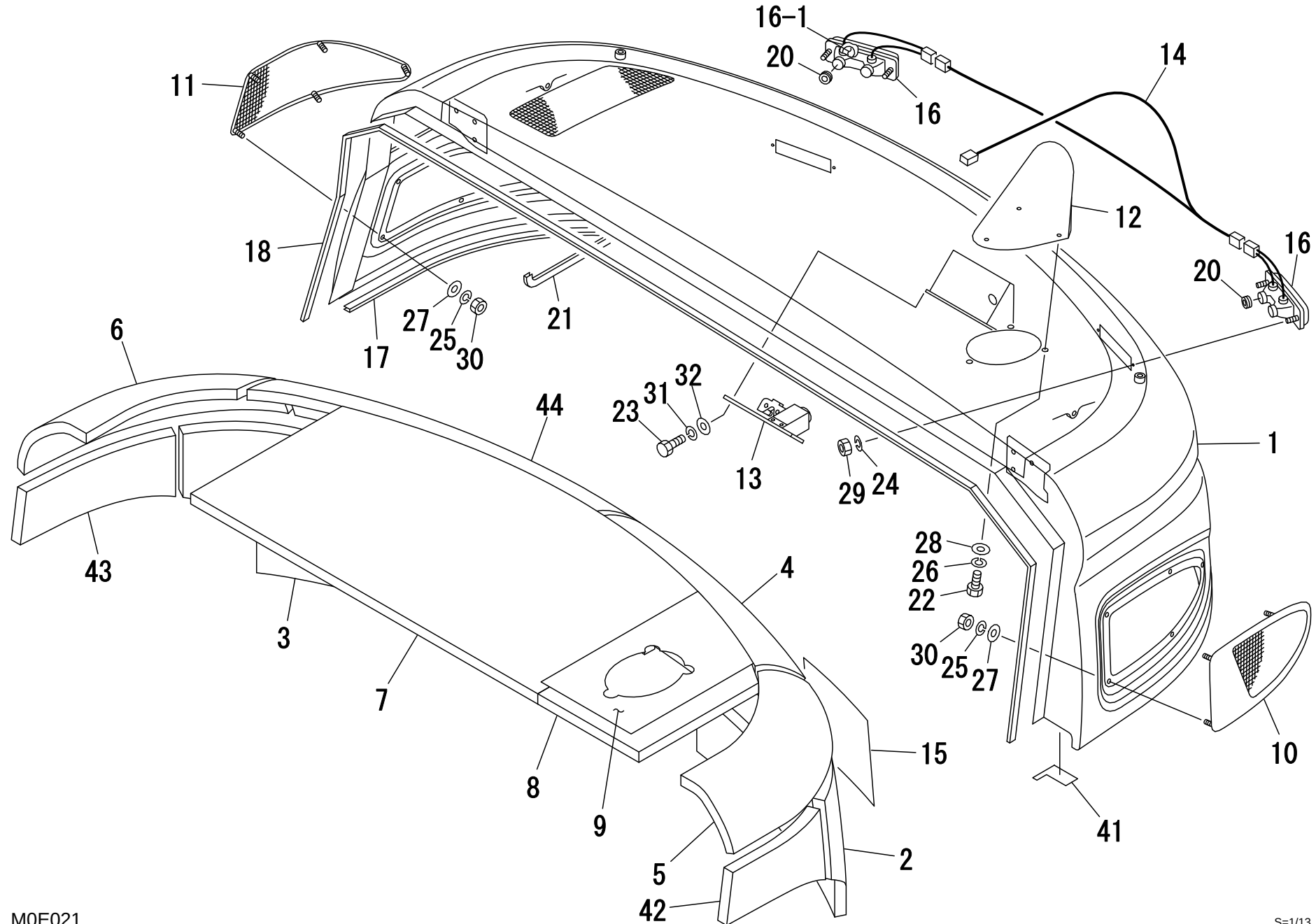
Reference M0E011a

COVER (1/6)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		COVER ASSY					
1	0568269100	HOOD ASSY, engine	1				see page (2/6)
2	0568269200	COVER ASSY, side	1				see page (3/6)
4	0568269410	PARTITION ASSY (L.H.)	1				see page (4/6)
5	0568268440	PARTITION ASSY (C)	1				see page (5/6)
6	0568268460	PARTITION ASSY (R.H.)	1				see page (6/6)
8	0568267610	BRACKET (L.H.)	1				
9	0568267630	BRACKET (R.H.)	1				
10	0568267800	HINGE ASSY (L)	1				
11	0568267850	HINGE ASSY (R)	1				
12	0568268650	BRACKET ASSY	1				
12-1	0568268660	· BRACKET	1				
12-2	0568268670	· STOPPER	1				
12-3	0004012035	· PIN	1				
12-4	1214000008	· PIN, snap	1				
12-5	1141110010	· WASHER	1				
14	0568268710	BRACKET	1				
15	0568268720	BRACKET	1				
16	0568267740	PLATE ASSY	1				
16-1	0568267741	· PLATE	1				
16-2	1654606029	· SEAL	1				sold by the meter
18	0568267480	PLATE ASSY	1				
18-1	0568267490	· PLATE	1				
18-2	1654606053	· TRIM	1				sold by the meter
19	0568268510	PLATE ASSY	1				
19-1	0568268520	· PLATE	1				
19-2	1654606024	· TRIM	1				sold by the meter
19-3	1653916015	· TRIM	1			M	sold by the meter
21	0568267370	BRACKET	1				
22	1656500050	MIRROR	1				
23	0568267752	SPRING, gas	2				
24	0568267753	SPRING, gas	1				
25	0343503200	PIN	6				
26	1214000008	PIN, snap	6				
27	1652515100	RUBBER, cushion	4				
29	0003900062	SPACER	AR				t=2.0mm
30	0003900063	SPACER	AR				t=3.2mm
31	1100040820	BOLT	8				
34	1100041020	BOLT	5				
35	1100041025	BOLT	5				
36	1100041030	BOLT	14				
37	1100041035	BOLT	6				
39	1101041235	BOLT	11				
41	1110041025	SCREW, cap	2				
44	1140020008	WASHER, spring	10				
45	1140020010	WASHER, spring	34				
46	1140020012	WASHER, spring	11				
50	1141110008	WASHER	4				
51	1141110010	WASHER	6				
53	1141550012	WASHER	3				
56	0003608252	WASHER	6				
57	0003600025	WASHER	34				
58	0003612004	WASHER	8				
59	1130040005	NUT	4				
60	1130040008	NUT	2				

M0e011

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
COVER (2/6) (engine hood)



M0E021

Reference M0E021

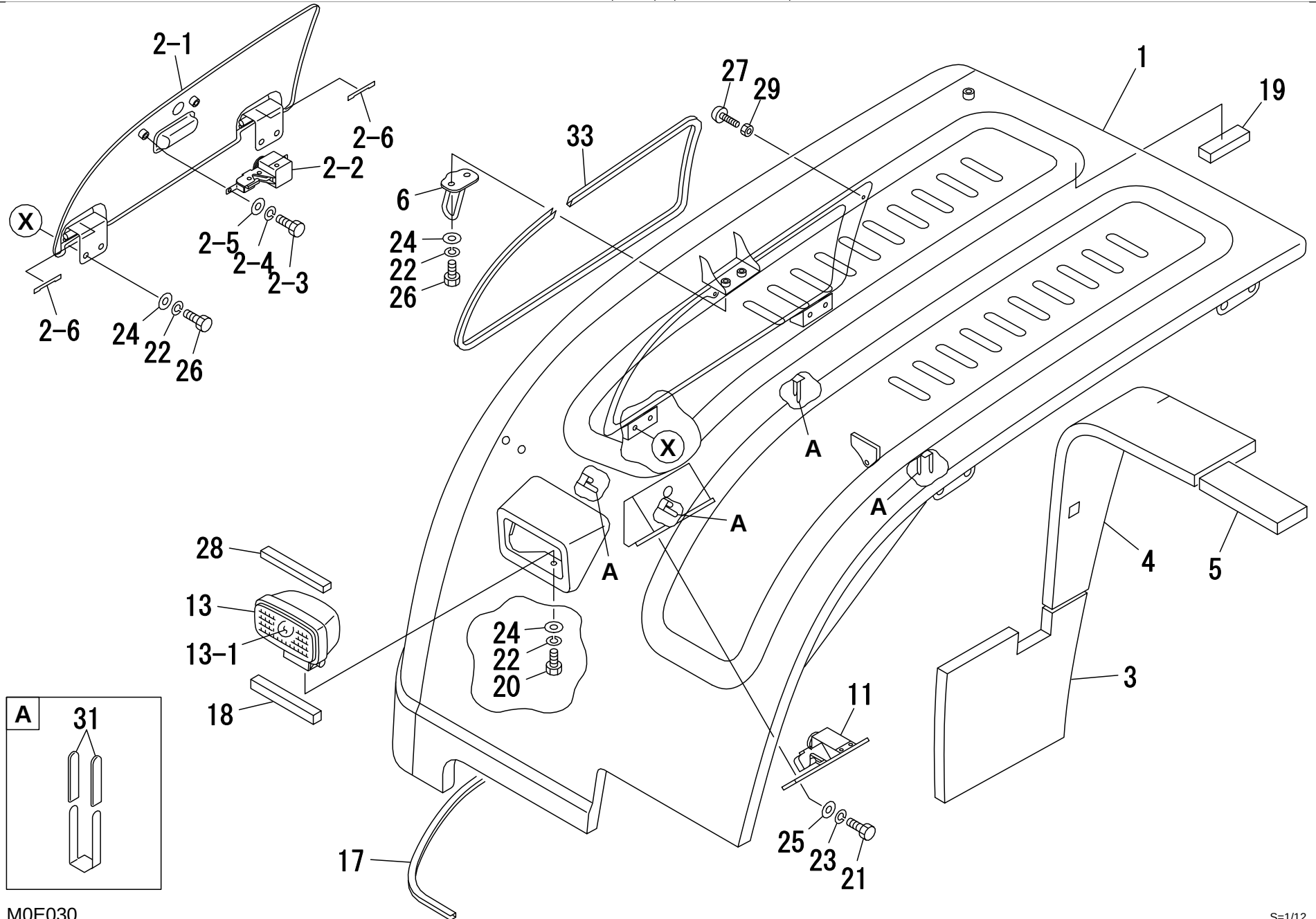
S=1/13

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COVER (2/6) (engine hood)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	0568269100	HOOD ASSY, engine	1				
1	0568269110	· HOOD, engine	1				
2	0568269102	· ABSORBENT, noise	1				
3	0568268103	· ABSORBENT, noise	1				
4	0568269104	· INSULATOR	1				
5	0568268105	· ABSORBENT, noise	1				
6	0568268106	· ABSORBENT, noise	1				
7	0568269107	· ABSORBENT, noise	1				
8	0568269108	· INSULATOR	1				
9	0568269109	· INSULATOR	1				
10	0568267160	· NET	1				
11	0568267170	· NET	1				
12	0568266890	· PIPE	1				
13	0568268180	· LOCK	1				
14	0568266185	· HARNESS, wiring	1				
15	0568269101	· INSULATOR	1				
16	1703007000	· LAMP, tail	2				
16-1	1703007003	· · BULB	2				
17	1654606282	· SEAL	1				sold by the meter
18	1654606270	· SEAL	1				sold by the meter
20	1652051400	· GROMMET	4				
21	1654606057	· TRIM	1				sold by the meter
22	1100040816	· BOLT	3				
23	1100041025	· BOLT	2				
24	1140020004	· WASHER, spring	4				
25	1140020006	· WASHER, spring	10				
26	1140020008	· WASHER, spring	3				
27	1141110006	· WASHER	10				
28	1141110008	· WASHER	3				
29	1130030004	· NUT	4				
30	1130030006	· NUT	10				
31	1140020010	· WASHER, spring	2				
32	1141110010	· WASHER	2				
41	0568268181	· SPONGE	1			M	
42	0568268182	· ABSORBENT, noise	1				
43	0568268183	· ABSORBENT, noise	1				
44	0568269184	· INSULATOR	1				
	M0e021						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
COVER (3/6) (side cover)

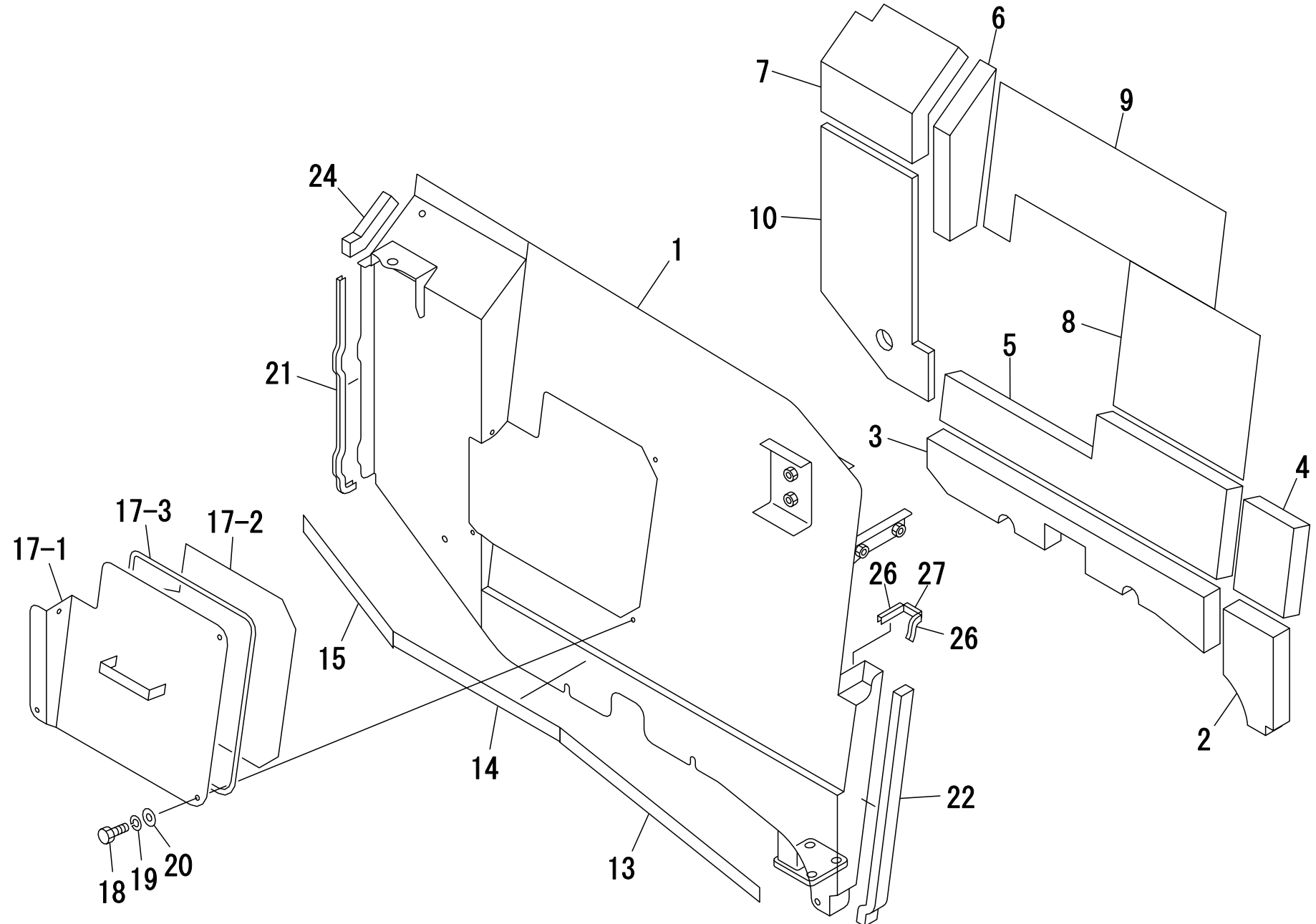


M0E030

Reference M0E030

COVER (3/6) (side cover)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	0568269200	COVER ASSY, side	1				
1	0568268210	· COVER, side	1				
2	0568268300	· COVER ASSY	1				
2-1	0568268310	· · COVER	1				
2-2	1653611799	· · LOCK	1				
2-3	1100040816	· · BOLT	2				
2-4	1140020008	· · WASHER, spring	2				
2-5	1141110008	· · WASHER	2				
2-6	0568268306	· · RUBBER	2				
3	0568268203	· ABSORBENT, noise	1				
4	0568268204	· ABSORBENT, noise	1				
5	0568268205	· ABSORBENT, noise	1				
6	0568267360	· BRACKET	1				
11	0568268180	· LOCK	1				
13	1703006200	· LAMP ASSY	1				
13-1	1703006205	· · BULB	1				
17	1654605144	· TRIM	1				sold by the meter
18	1654306016	· SPONGE	1				sold by the meter
19	1654342010	· SPONGE	1				sold by the meter
20	1100040825	· BOLT	1				
21	1100041025	· BOLT	2				
22	1140020008	· WASHER, spring	9				
23	1140020010	· WASHER, spring	2				
24	1141110008	· WASHER	7				
25	1141110010	· WASHER	2				
26	1100040820	· BOLT	6				
27	1652515100	· RUBBER, cushion	2				
28	1654302016	· SPONGE	1				sold by the meter
29	1130040005	· NUT	2				
31	0872433150	· TUBE	8				
33	1653916140	· TRIM	1				sold by the meter
	M0e031						



M0E041

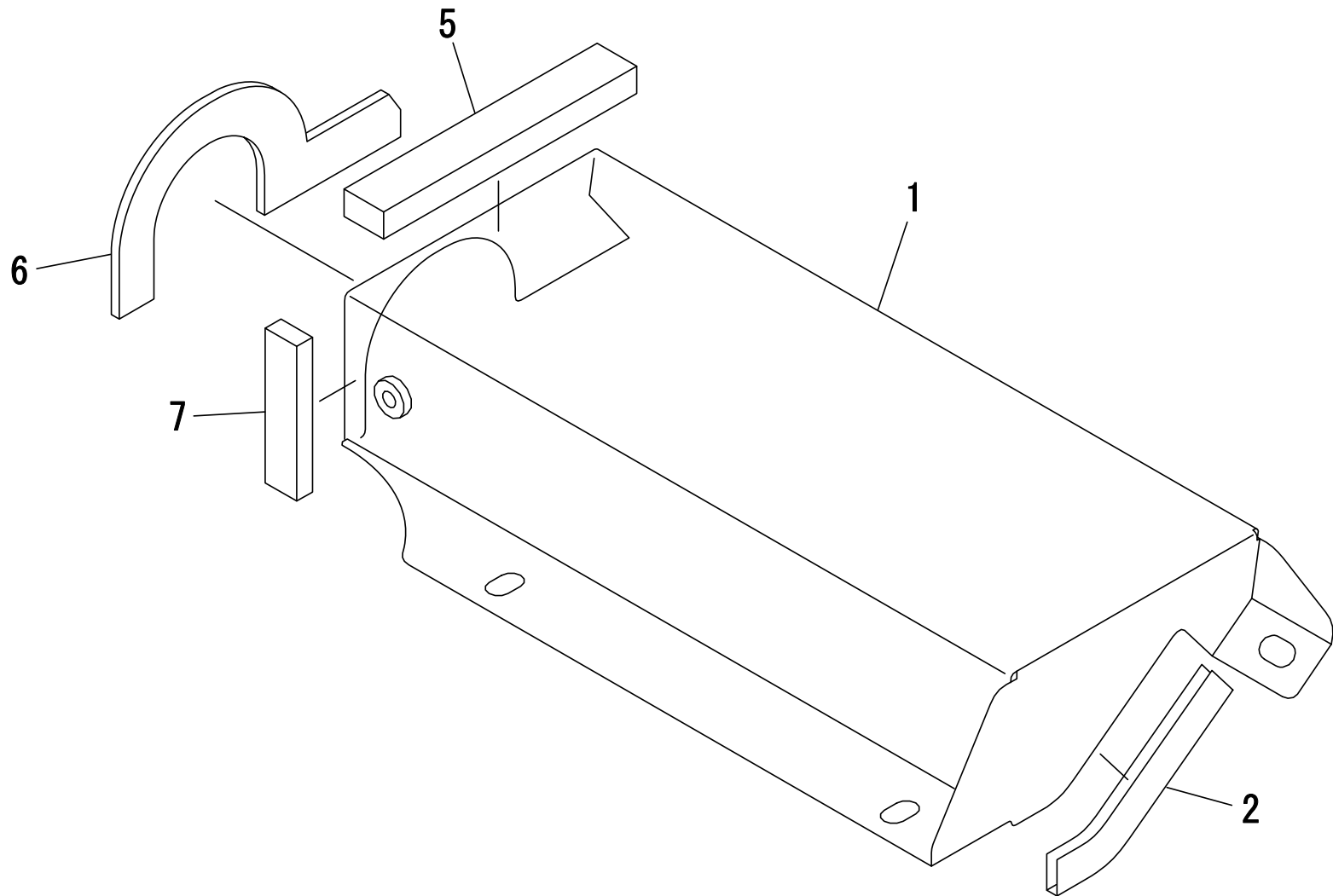
Reference M0E041

S=1/12

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COVER (4/6) (partition-L.H.)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	0568269410	PARTITION ASSY (L.H.)	1				
1	0568268420	· PARTITION	1				
2	0568266491	· ABSORBENT, noise	1				
3	0568268413	· ABSORBENT, noise	1				
4	0568268414	· ABSORBENT, noise	1				
5	0568268415	· ABSORBENT, noise	1				
6	0568268416	· ABSORBENT, noise	1				
7	0568269417	· ABSORBENT, noise	1				
8	0568268418	· INSULATOR	1				
9	0568268419	· INSULATOR	1				
10	0568269418	· ABSORBENT, noise	1				
13	0568266495	· SEAL	1				
14	0568266496	· SEAL	1				
15	0568266497	· SEAL	1				
17	0568268530	· COVER ASSY	1				
17-1	0568268540	· · COVER	1				
17-2	0568268532	· · INSULATOR	1				
17-3	0568268533	· · SEAL	1				
18	1100040612	· BOLT	4				
19	1140020006	· WASHER, spring	4				
20	1141110006	· WASHER	4				
21	1654606048	· SEAL	1				sold by the meter
22	1654342047	· SPONGE	1				sold by the meter
24	0568268402	· SPONGE	1				
26	1653916005	· SEAL	2			M	sold by the meter
27	1653916004	· SEAL	1			M	sold by the meter
	M0e041						

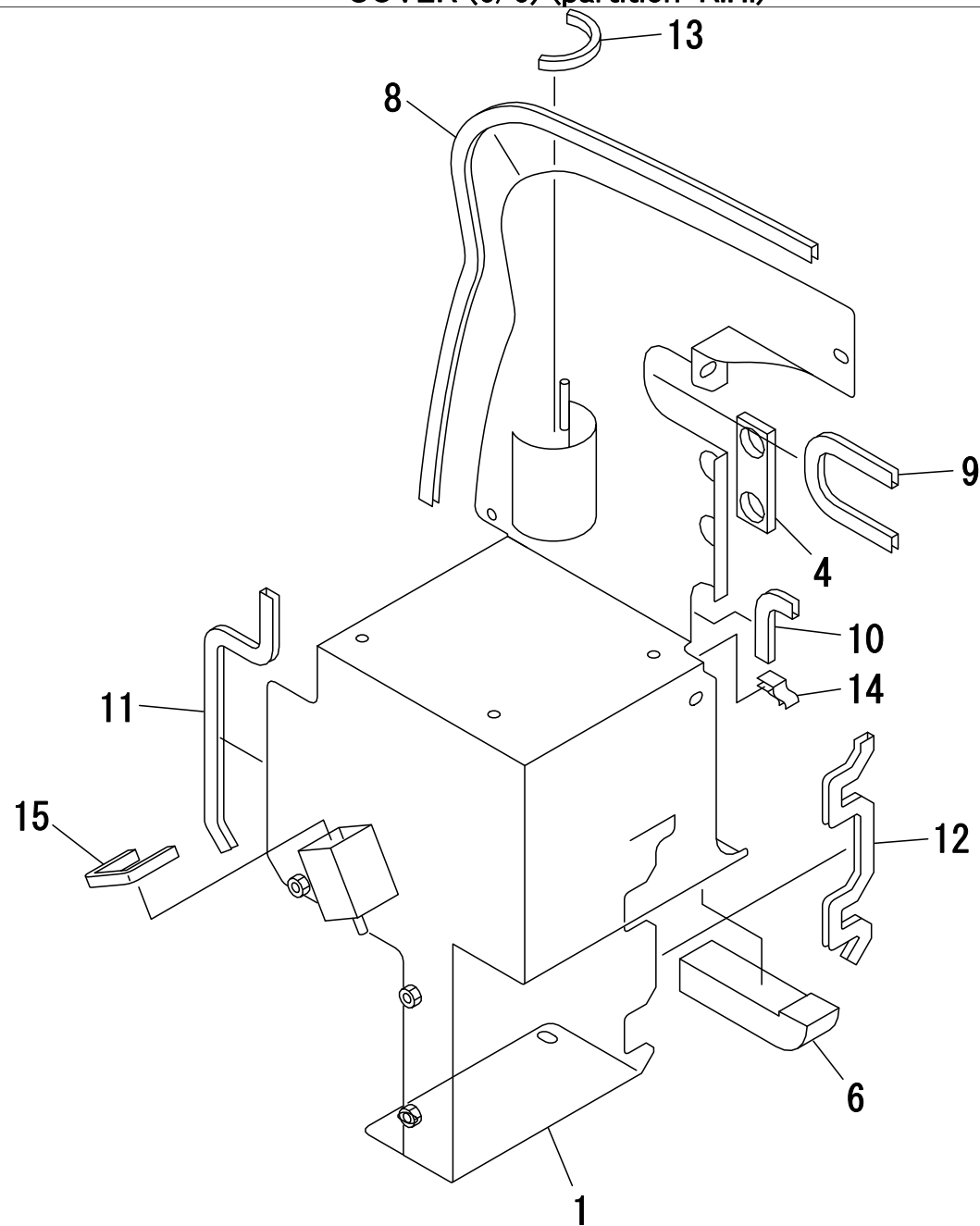


M1E051

S=1/4

COVER (5/6) (partition-C)

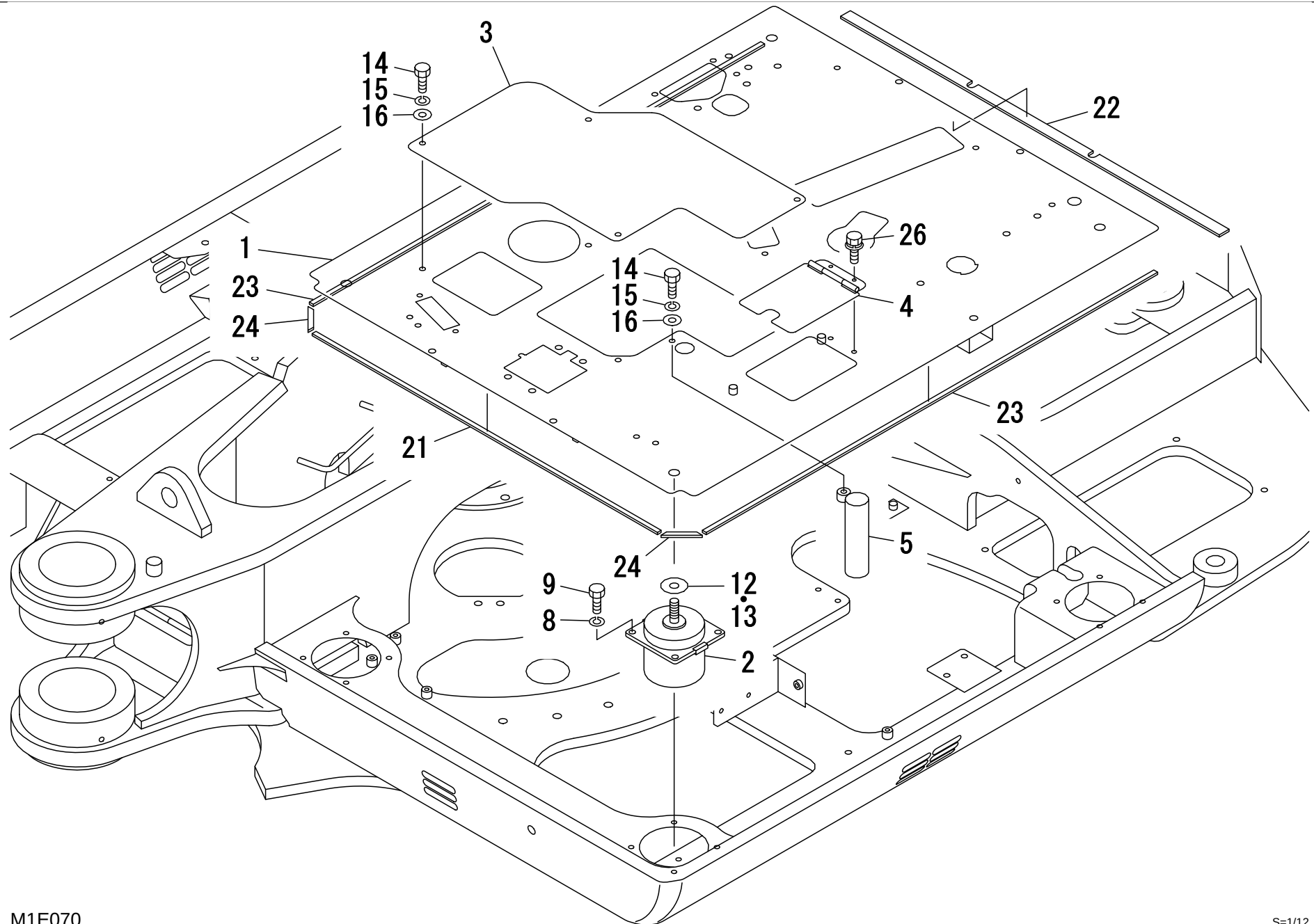
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	0568268440	PARTITION ASSY (C)	1				
1	0568268450	· PARTITION	1				
2	1654606013	· SEAL	1				sold by the meter
5	1654343016	· SPONGE	1				
6	0568266446	· SPONGE	1				
7	0568267463	· SPONGE	1				
	M1e051						



COVER (6/6) (partition-R.H.)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	0568268460	PARTITION ASSY (R.H.)	1				
1	0568268470	· PARTITION	1				
4	0568268464	· SPONGE	1				
6	0568268466	· SPONGE	1				
8	1654606088	· SEAL	1			M	sold by the meter
9	1654606023	· SEAL	1				sold by the meter
10	1654606010	· SEAL	1				sold by the meter
11	1654606033	· SEAL	1			M	sold by the meter
12	1654606029	· SEAL	1			M	sold by the meter
13	1654601010	· TRIM	1			M	sold by the meter
14	1654606008	· SEAL	1				sold by the meter
15	1653916015	· TRIM	1			M	sold by the meter
	M1e061						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
FLOOR PLATE



M1E070

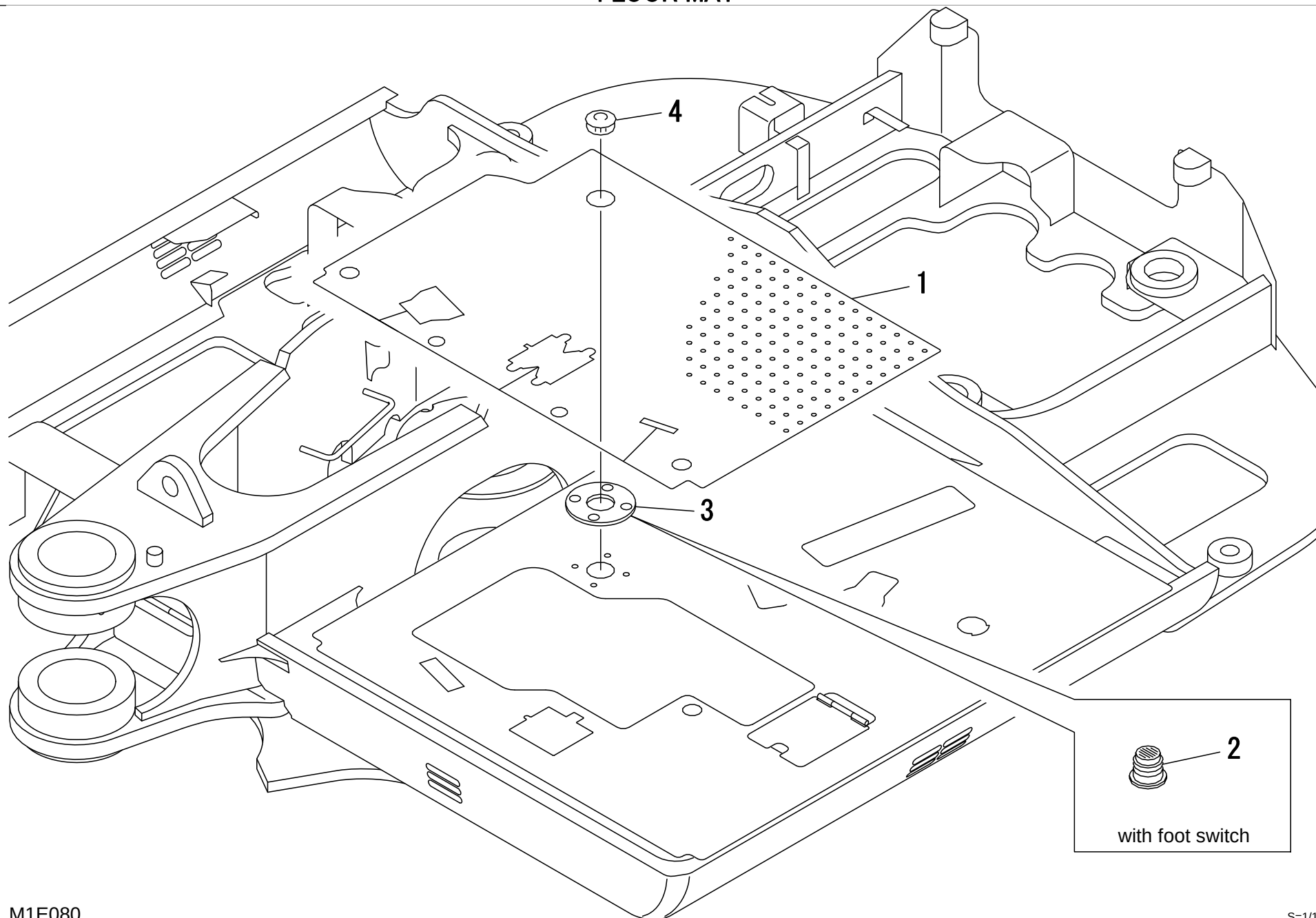
Reference M1E070

S=1/12

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FLOOR PLATE

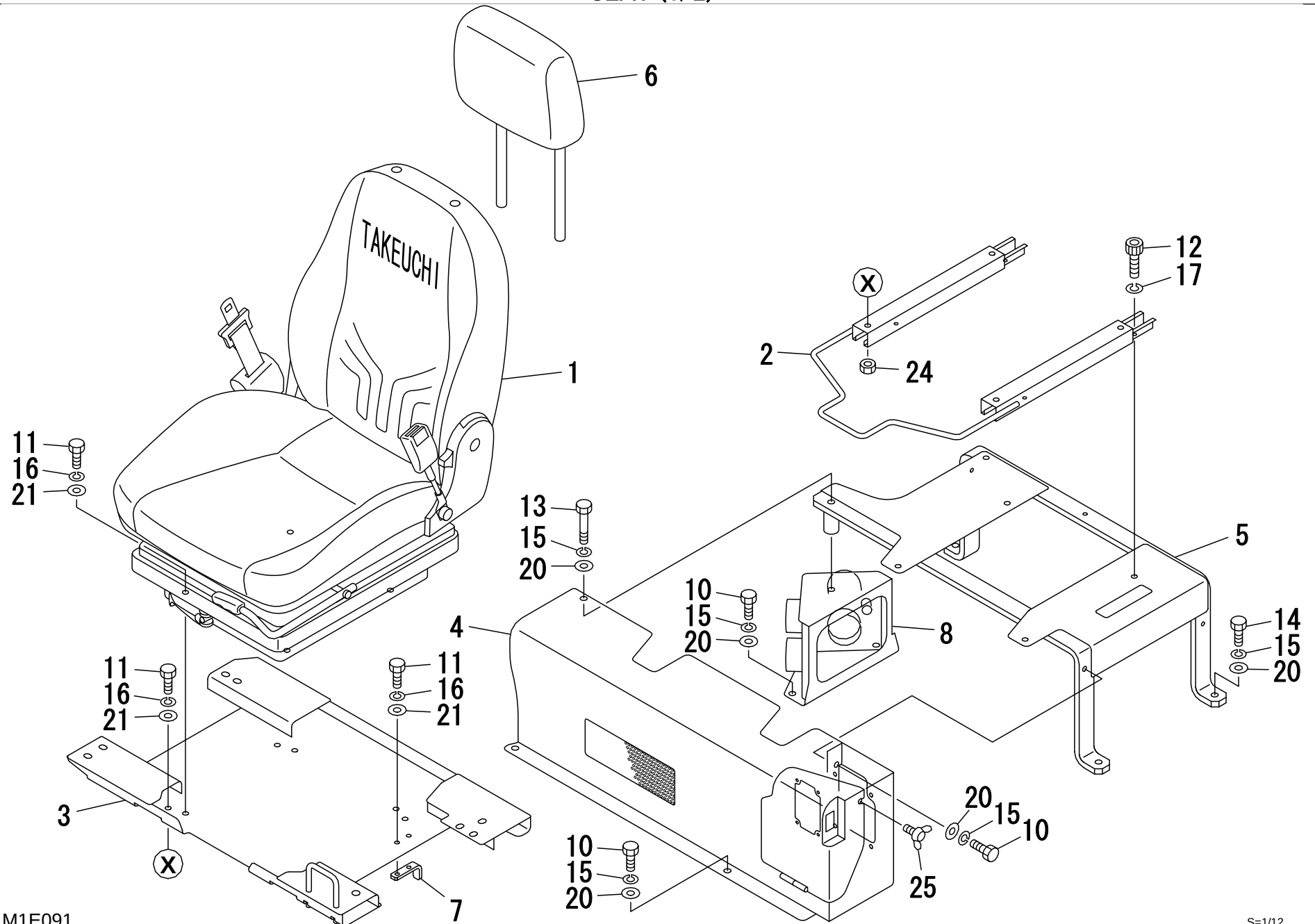
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	0563538810	PLATE ASSY, floor	1				
2	0563538660	PLATE	4				
3	0563538840	MOUNT	1				
4	0563538640	COVER	1				
5	0563538650	COVER ASSY	1				
8	1140020010	PIPE	1				
9	1101041030	WASHER, spring	16				
12	0003600121	BOLT	16				
13	0003600062	SHIM	1				t=1.2mm
14	1100040820	SHIM	1				t=3.2mm
15	1100040820	BOLT	5				
16	1140020008	WASHER, spring	5				
21	1141110008	WASHER	5				
22	0563538661	SEAL	1				
23	0563538662	SEAL	1				
24	0563538663	SEAL	2				
26	0563538664	SEAL	2				
	1100560620	BOLT, sems	2				
	M1e071						



FLOOR MAT

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		MAT ASSY, floor (with foot switch)					
		MAT ASSY, floor (without foot switch)					
1	0563539010	MAT, floor	1				
2	0573500240	BOOT	1				with foot switch
3	0373507423	SPONGE	1				without foot switch
4	1652533013	CAP	1				without foot switch
	M1e080						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
SEAT (1/2)



M1E091

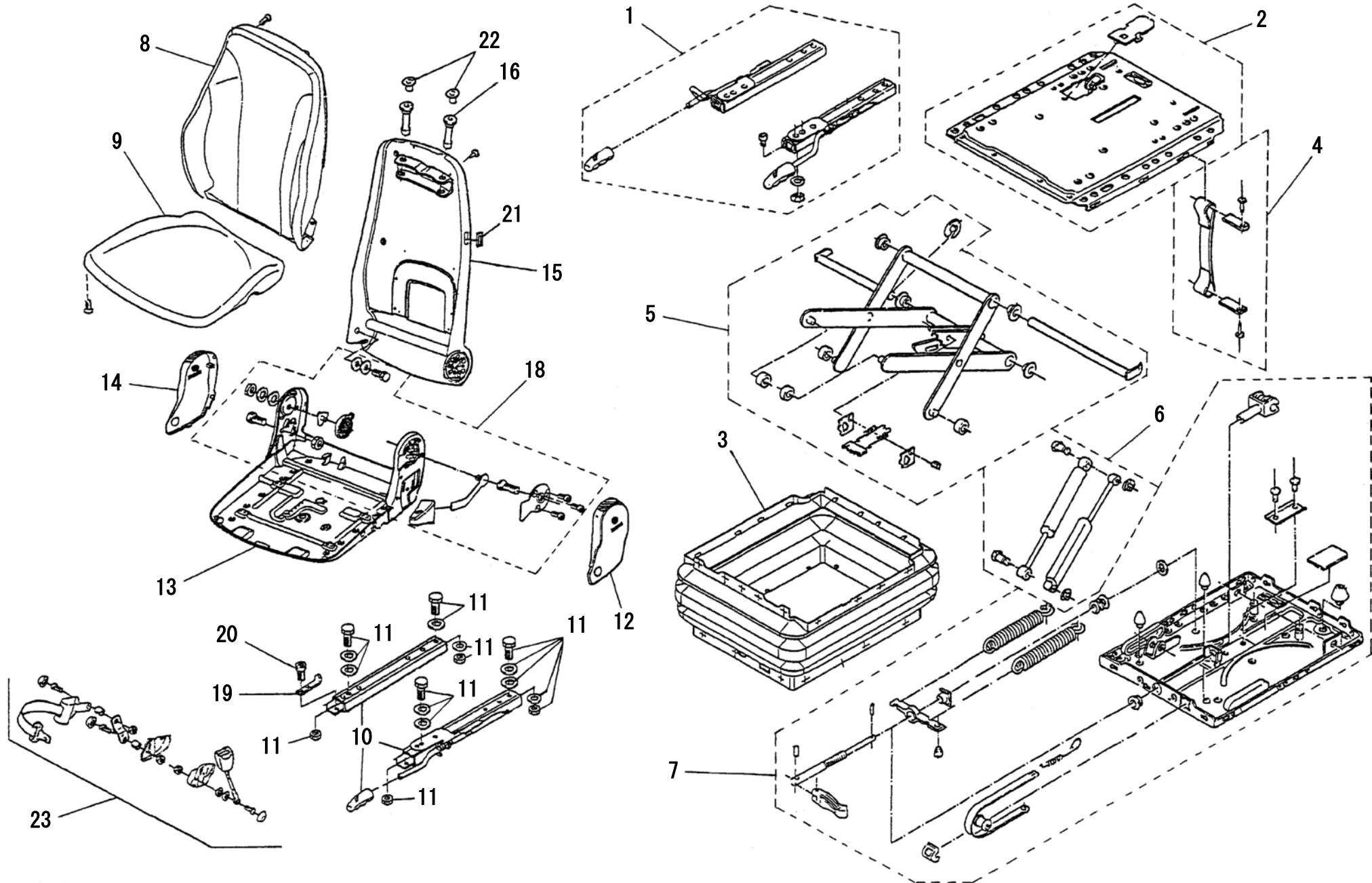
Reference M1E091

S=1/12

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SEAT (1/2)

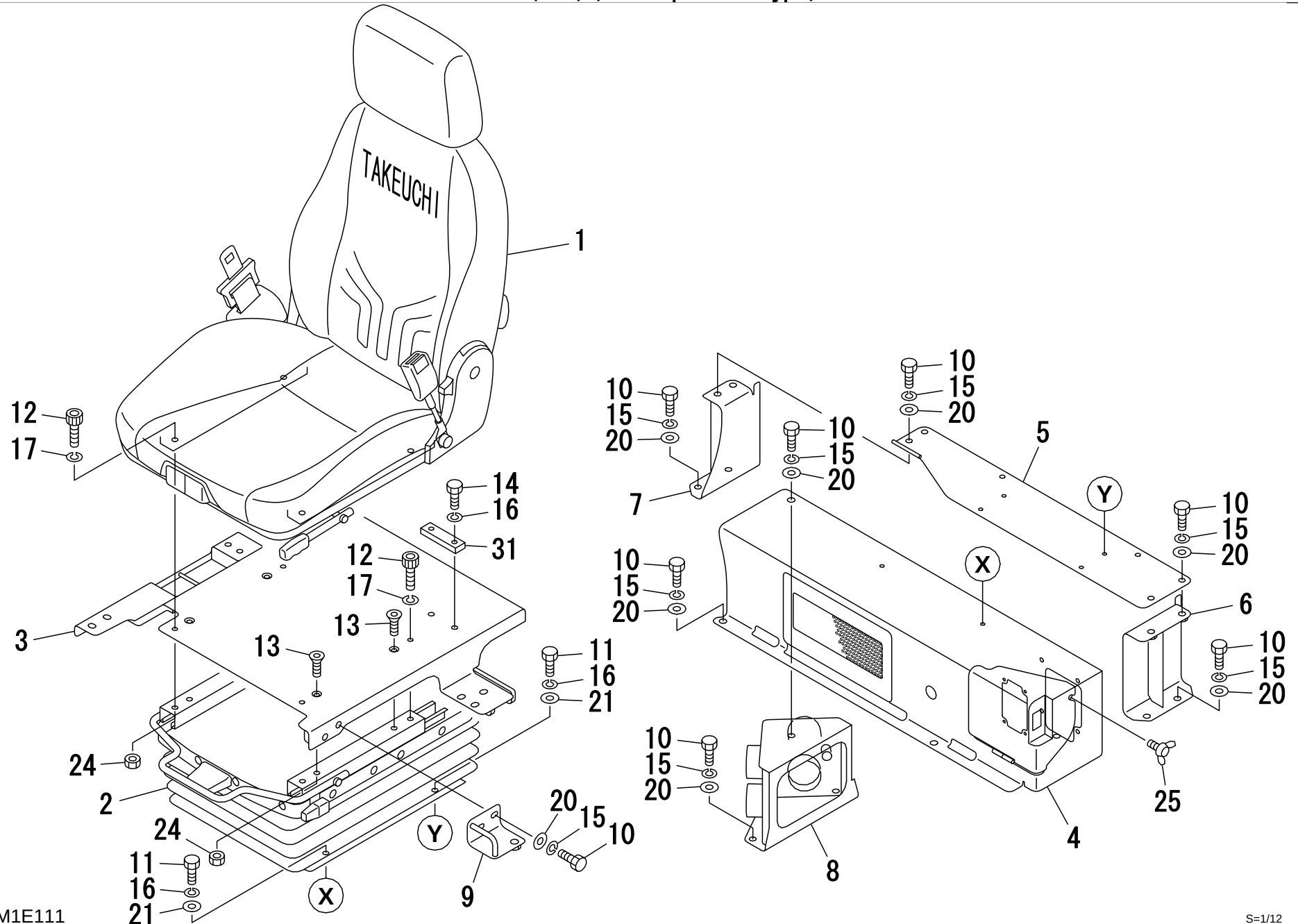
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	1914100071	SEAT ASSY	1				
2	1914100119	RAIL ASSY, slide	1				see page (2/2)
3	0563422830	PLATE	1			M	
4	0563422840	COVER	1				
5	0563422650	BOX	1				
6	1914100111	REST, head	1				
7	0563422670	STOPPER	1				
8	0563422980	DUCT	1				
10	1100041030	BOLT	5				
11	1100040820	BOLT	10				
12	1110020820	SCREW, cap	4				
13	1100041085	BOLT	1				
14	1100041035	BOLT	3				
15	1140020010	WASHER, spring	9				
16	1140020008	WASHER, spring	10				
17	1140420008	WASHER, spring	4				
20	1141110010	WASHER	9				
21	1141110008	WASHER	10				
24	1130040008	NUT	2				
25	1121530816	BOLT, wing	1				
	M1e091						



SEAT (2/2)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1914100071	SEAT ASSY	1				
1	1914101072	· RAIL ASSY	1				
2	1914102072	· PLATE ASSY	1				
3	1914103071	· BOOT	1				
4	1914104072	· ANGLE ASSY	1				
5	1914105072	· LINK ASSY	1				
6	1914106072	· DAMPER ASSY	1				
7	1914107072	· SPRING ASSY	1				
8	1914101071	· TRIM	1				
9	1914102071	· 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				
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				
	M1e100						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
SEAT (1/3) (air suspension type)



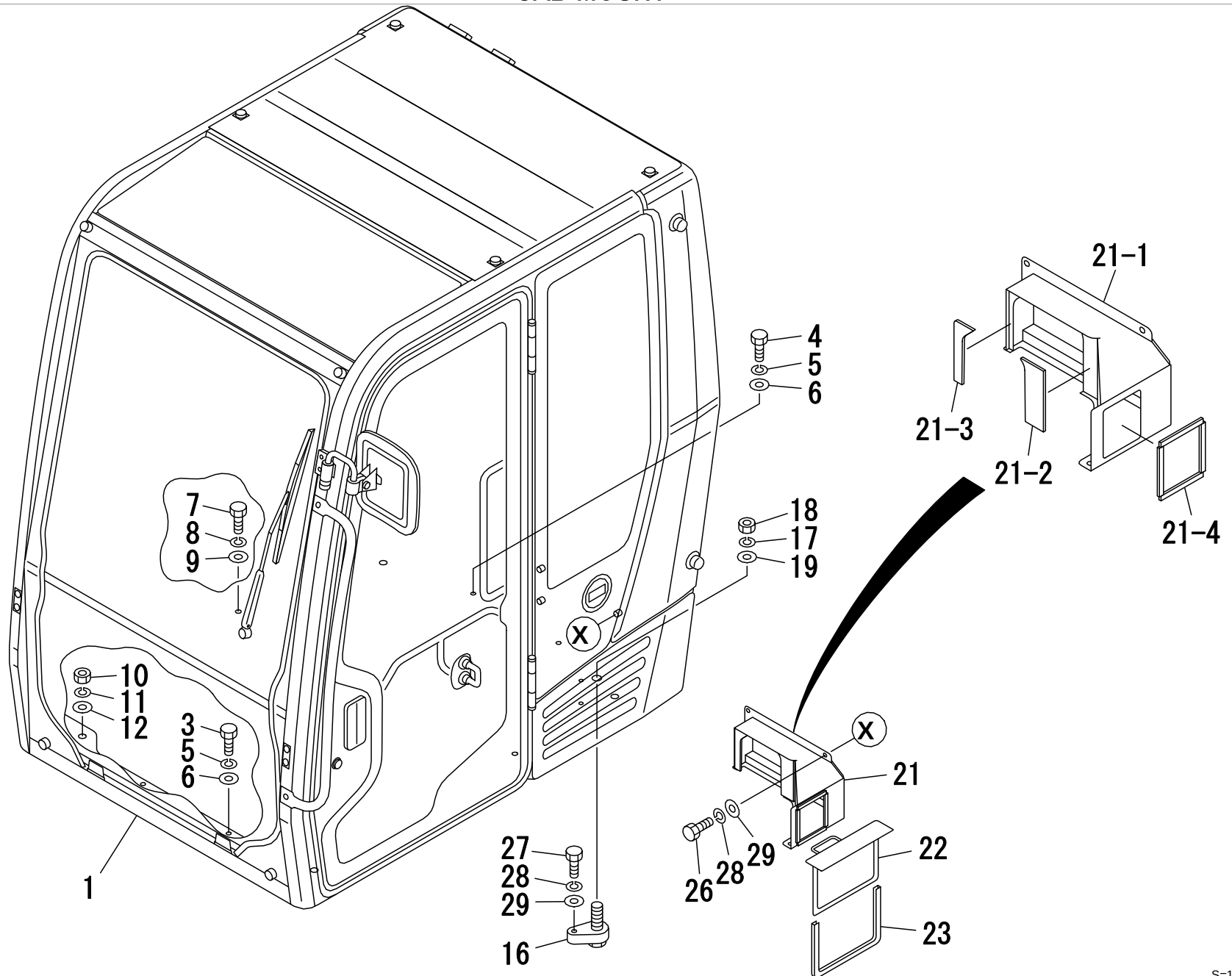
M1E111

Reference M1E111

S=1/12

SEAT (1/3) (air suspension type)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		SEAT ASSY					
1	1914100123	SEAT ASSY	1				see page (2/3)
2	1914100124	SUSPENSION ASSY, air	1				see page (3/3)
3	0563422930	PLATE	1				
4	0563422940	COVER	1				
5	0563422950	PLATE	1				
6	0563422960	BRACKET	1				
7	0563422970	BRACKET	1				
8	0563422980	DUCT	1				
9	0563422990	STRIKER	1				
10	1100041030	BOLT	16				
11	1100040816	BOLT	6				
12	1110020820	SCREW, cap	4				
13	1120800816	SCREW	4				
14	1100040825	BOLT	2				
15	1140020010	WASHER, spring	16				
16	1140020008	WASHER, spring	8				
17	1140420008	WASHER, spring	4				
20	1141110010	WASHER	16				
21	1141550008	WASHER	6				
24	1130040008	NUT	4				
25	1121530816	BOLT, wing	1				
31	0563422901	PLATE	1				
	M1e111						

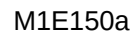


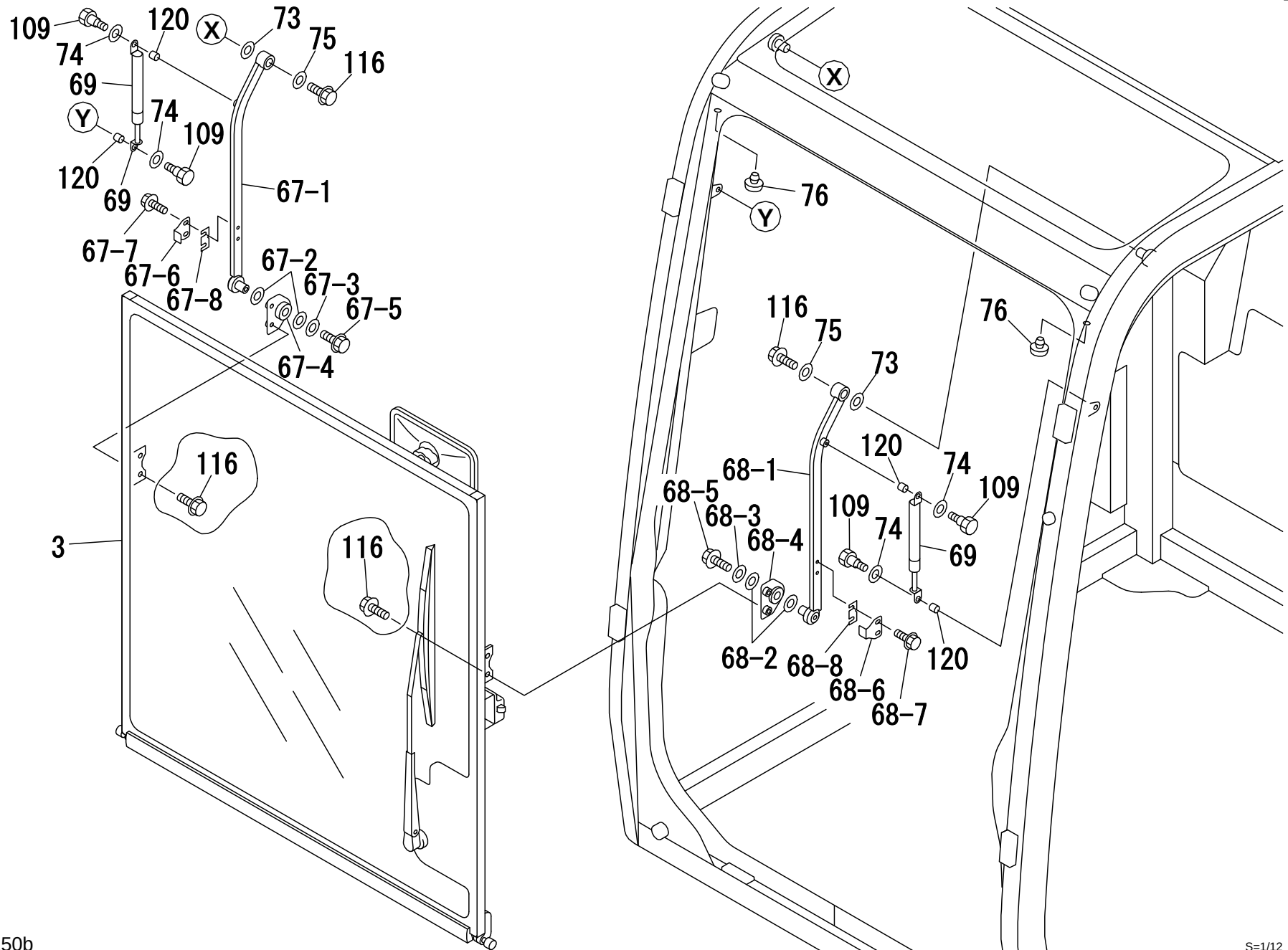
M1E140

Reference M1E140

CAB MOUNT

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		CAB MOUNT					
1	0568660100	CAB	1				see page (1/3)
3	1100041030	BOLT	2				
4	1100041090	BOLT	2				
5	1140020010	WASHER, spring	4				
6	1141550010	WASHER	4				
7	1101041245	BOLT	2				
8	1140020012	WASHER, spring	2				
9	1141550012	WASHER	2				
10	1130040016	NUT	4				
11	1140020016	WASHER, spring	4				
12	1141110016	WASHER	4				
16	0568663070	STOPPER	1				
17	1140020020	WASHER, spring	1				
18	1130540020	NUT	1				
19	1141110020	WASHER	1				
21	0568663010	DUCT ASSY	1				
21-1	0568663020	· DUCT	1				
21-2	0568660012	· SPONGE	1				
21-3	0568660013	· SPONGE	1				
21-4	0568663014	· SEAL	4				
22	0568663060	COVER	1				
23	1654605056	RUBBER	1				sold by the meter
26	1100040814	BOLT	4				
27	1100040820	BOLT	1				
28	1140020008	WASHER, spring	5				
29	1141110008	WASHER	5				
	M1e140						

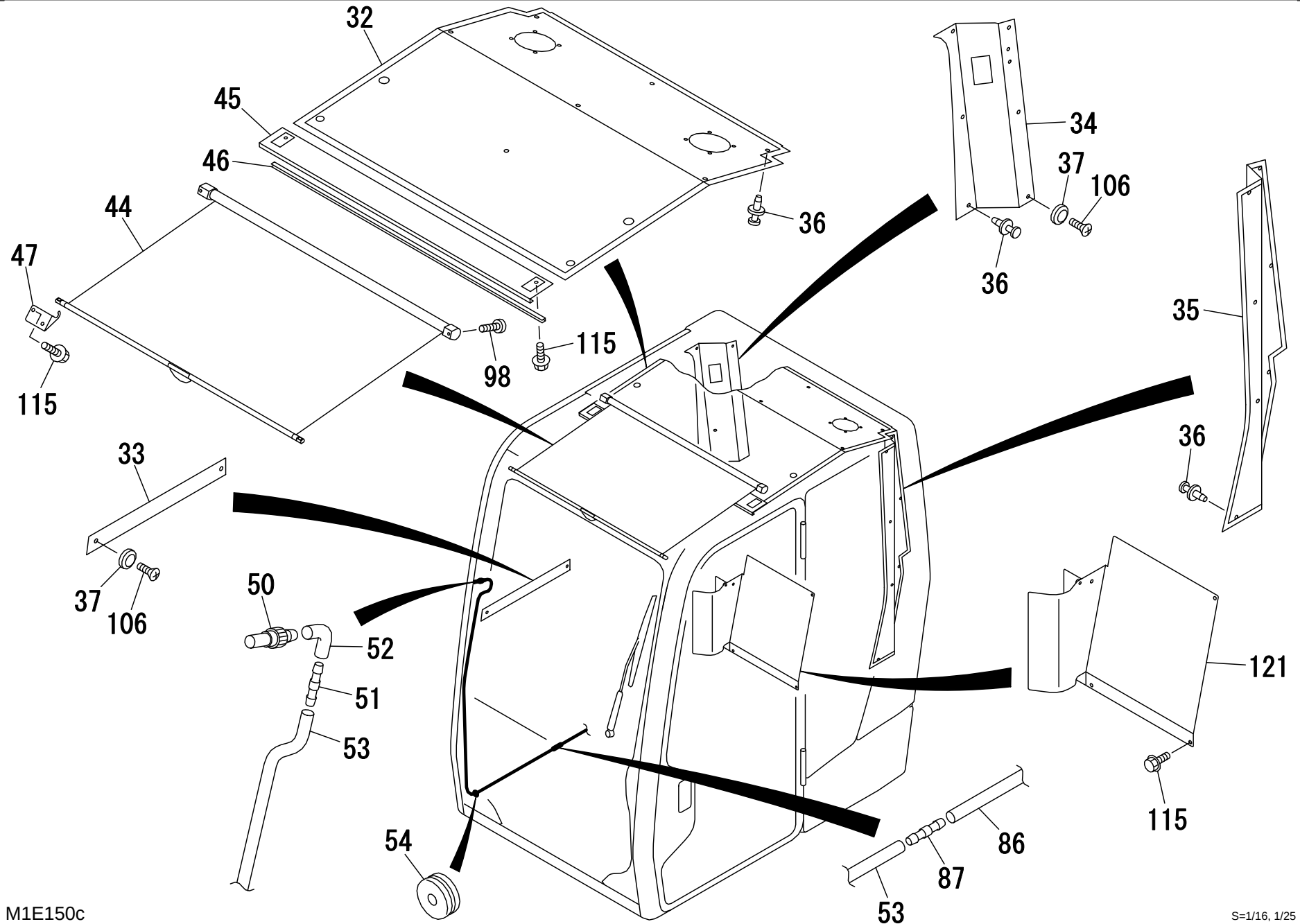




M1E150b

Reference M1E150a

S=1/12

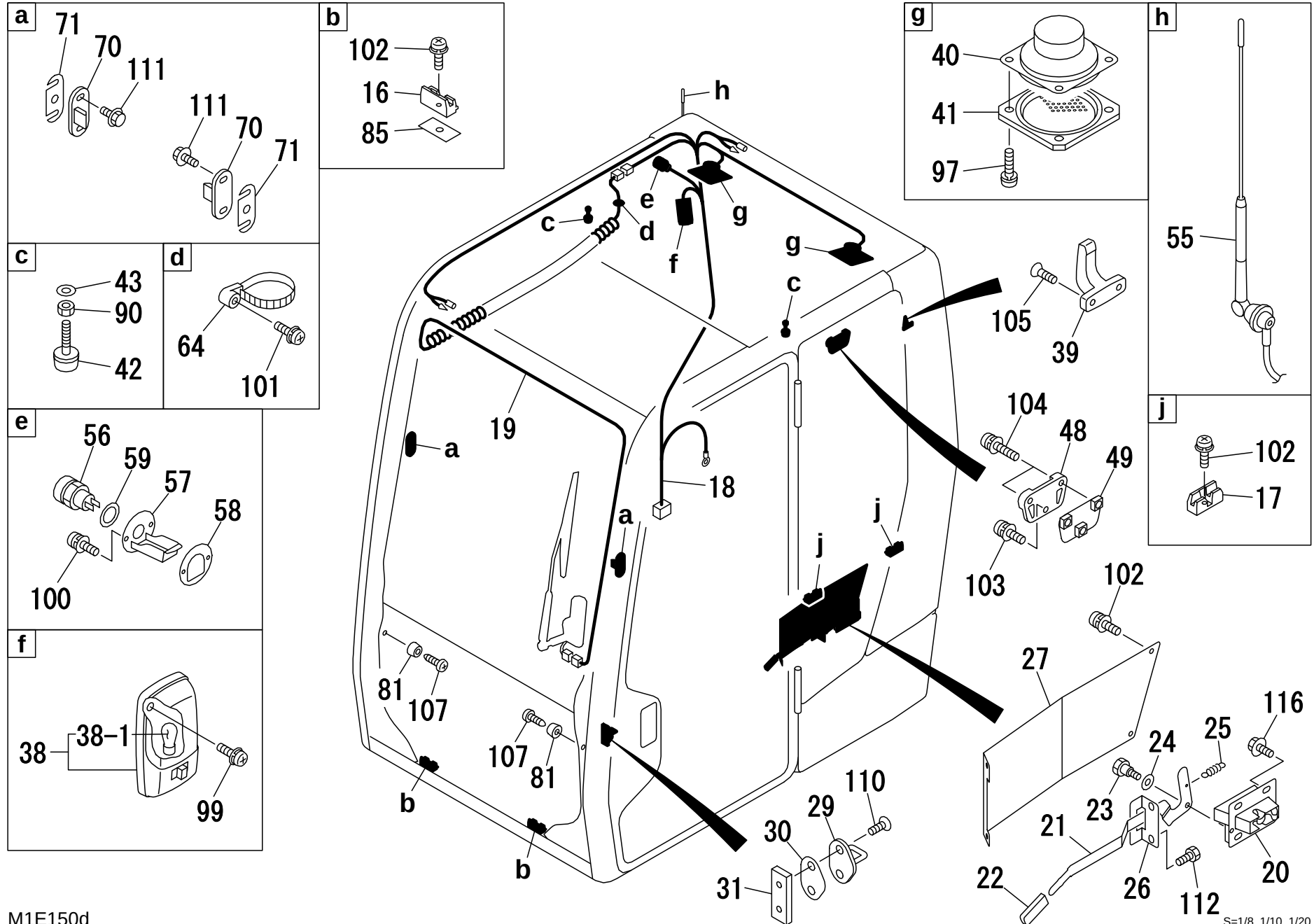


M1E150c

Reference M1E150a

S=1/16, 1/25

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M1E150d

Reference M1E150a

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

CAB (1/3)

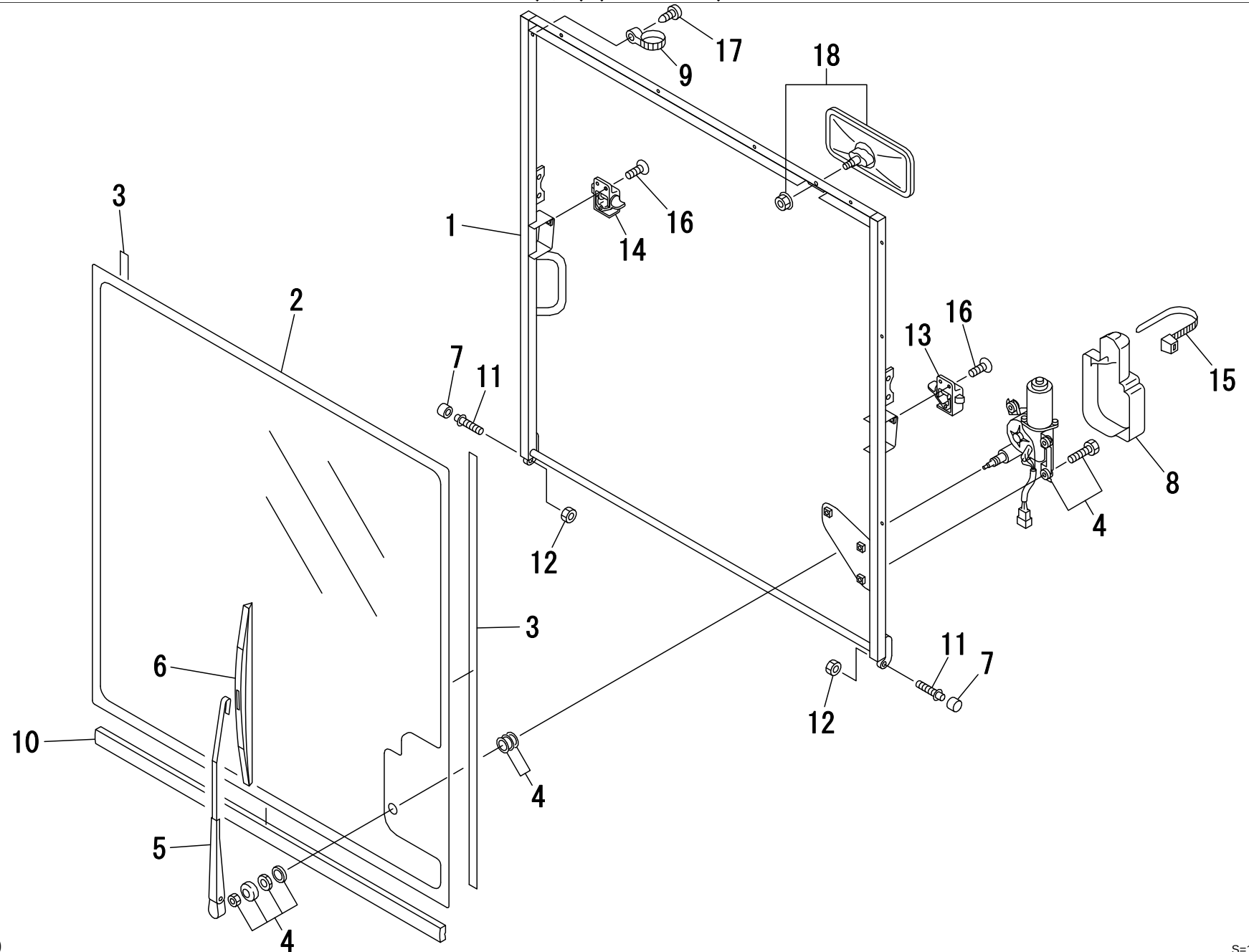
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	0568660100	CAB ASSY	1				
1	X *****	· CAB	1			M	
2	0568660300	· DOOR ASSY	1			M	see page (3/3)
3	0568660400	· SASH ASSY, front	1			M	see page (2/3)
4	0568660510	· GLASS	1			M	
5	0568660520	· GLASS	1			M	
6	0568660530	· GLASS	1			M	
7	0568660540	· GLASS	1			M	
8	0568660550	· SASH ASSY	1			M	
8-1	0568660551	· · FRAME	1			M	
8-2	0568660552	· · GLASS	1			M	
8-3	0568660553	· · GLASS	1			M	
8-4	0568660554	· · LOCK ASSY	2			M	
8-5	0568660555	· · GLASSRUN (IN)	1			M	
8-6	0568660556	· · GLASSRUN (OUT)	1			M	
8-7	0568660557	· · SEAL	1			M	
8-8	0568660558	· · STOPPER (IN)	1			M	
8-9	0568660558	· · STOPPER (OUT)	1			M	
9	0568660560	· GLASS	1			M	
10	1654646315	· DAM	1			M	sold by the meter
11	1654646292	· DAM	1			M	sold by the meter
12	1654615140	· DAM	1			M	sold by the meter
13	1654647140	· DAM	1			M	sold by the meter
14	1654615255	· DAM	1			M	sold by the meter
15	0568660570	· COVER	1			M	
16	0378607111	· HOLDER	2			M	
17	0378607112	· HOLDER	2			M	
18	0568660580	· HARNESS, wiring	1			M	
19	0568660590	· HARNESS, wiring	1			M	
20	0568660600	· LOCK	1			M	
21	0568660610	· LEVER	1			M	
22	1650100415	· GRIP	1			M	
23	1654010800	· PIN	1			M	
24	0578602196	· WASHER	1			M	
25	0007000096	· SPRING	1			M	
26	0568660620	· BRACKET	1			M	
27	0568660630	· COVER	1			M	
28	0568626600	· GROMMET	1			M	
29	1654011708	· STRIKER	1			M	
30	0578600126	· SHIM	AR			M	
31	0568660780	· PLATE	1			M	
32	0568660640	· COVER	1			M	
33	0568660650	· COVER	1			M	
34	0568660660	· COVER	1			M	
35	0568660670	· COVER	1			M	
36	1652900014	· RIVET	20			M	
37	1652900016	· WASHER	3			M	
38	1703007300	· LAMP, room	1			M	
38-1	1703007301	· · BULB	1			M	
39	1654004800	· HANGER	1			M	
40	1705003500	· SPEAKER	2			M	
41	1705003550	· GRILLE	2			M	
42	1651101046	· STOPPER	2			M	
43	0378607164	· WASHER	2			M	
44	0568660680	· BLIND	1			M	
45	0568660690	· BRACKET	1			M	

CAB (1/3)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
46	1654648093	• TRIM	1			M	sold by the meter
47	0568660700	• BRACKET	1			M	
48	1654011930	• HOLDER	1			M	
49	0378607920	• PLATE	1			M	
50	1711910040	• NOZZLE	1			M	
51	1711910014	• JOINT	1			M	
52	1711910016	• JOINT	1			M	
53	1711919140	• HOSE	1			M	sold by the meter
54	0568660750	• CAP	1			M	
55	1705003460	• ANTENNA	1			M	
56	1711900066	• SOCKET	1			M	
57	0568660710	• BRACKET	1			M	
58	0568660720	• PACKING	1			M	
59	1654011735	• WASHER	1			M	
60	1651101042	• STOPPER	2			M	
61	1654631370	• SEAL	1			M	sold by the meter
62	1654631165	• SEAL	1			M	sold by the meter
63	1654649153	• SEAL	1			M	sold by the meter
64	1652221050	• BAND	1			M	
65	1654011710	• CAP	2			M	
67	0568660730	• ARM ASSY (R.H.)	1			M	
67-1	0568660731	• • ARM (R.H.)	1			M	
67-2	0083252100	• • WASHER	2			M	
67-3	0578600401	• • WASHER	1			M	
67-4	0348603870	• • BRACKET	1			M	
67-5	1100790820	• • BOLT	1			M	
67-6	0568660736	• • BRACKET	1			M	
67-7	1106690616	• • BOLT	2			M	
67-8	0378607195	• • SHIM	AR			M	
68	0568660740	• ARM ASSY (L.H.)	1			M	
68-1	0568660741	• • ARM (L.H.)	1			M	
68-2	0083252100	• • WASHER	2			M	
68-3	0578600401	• • WASHER	1			M	
68-4	0348603870	• • BRACKET	1			M	
68-5	1100790820	• • BOLT	1			M	
68-6	0568660736	• • BRACKET	1			M	
68-7	1106690616	• • BOLT	2			M	
68-8	0378607195	• • SHIM	AR			M	
69	1653900075	• SPRING, gas	2			M	
70	0378607980	• STRIKER	2			M	
71	0378607205	• SHIM	AR			M	
73	0083252100	• WASHER	2			M	
74	0568660760	• PACKING	4			M	
75	0578600401	• WASHER	2			M	
76	1652516003	• CUSHION	2			M	
79	0568660770	• MIRROR ASSY (L.H.)	1			M	
79-1	0568660771	• • HOLDER	1			M	
79-2	0568660772	• • STAY	1			M	
79-3	1656500140	• • MIRROR	1			M	
79-4	1130040016	• • NUT	2			M	
79-5	1225111016	• • WASHER, conical	2			M	
81	1652102012	• STOPPER	2			M	
82	1653303008	• CAP	4			M	
83	1653303010	• CAP	10			M	
84	1653303012	• CAP	8			M	
85	0378607223	• SHIM	AR			M	

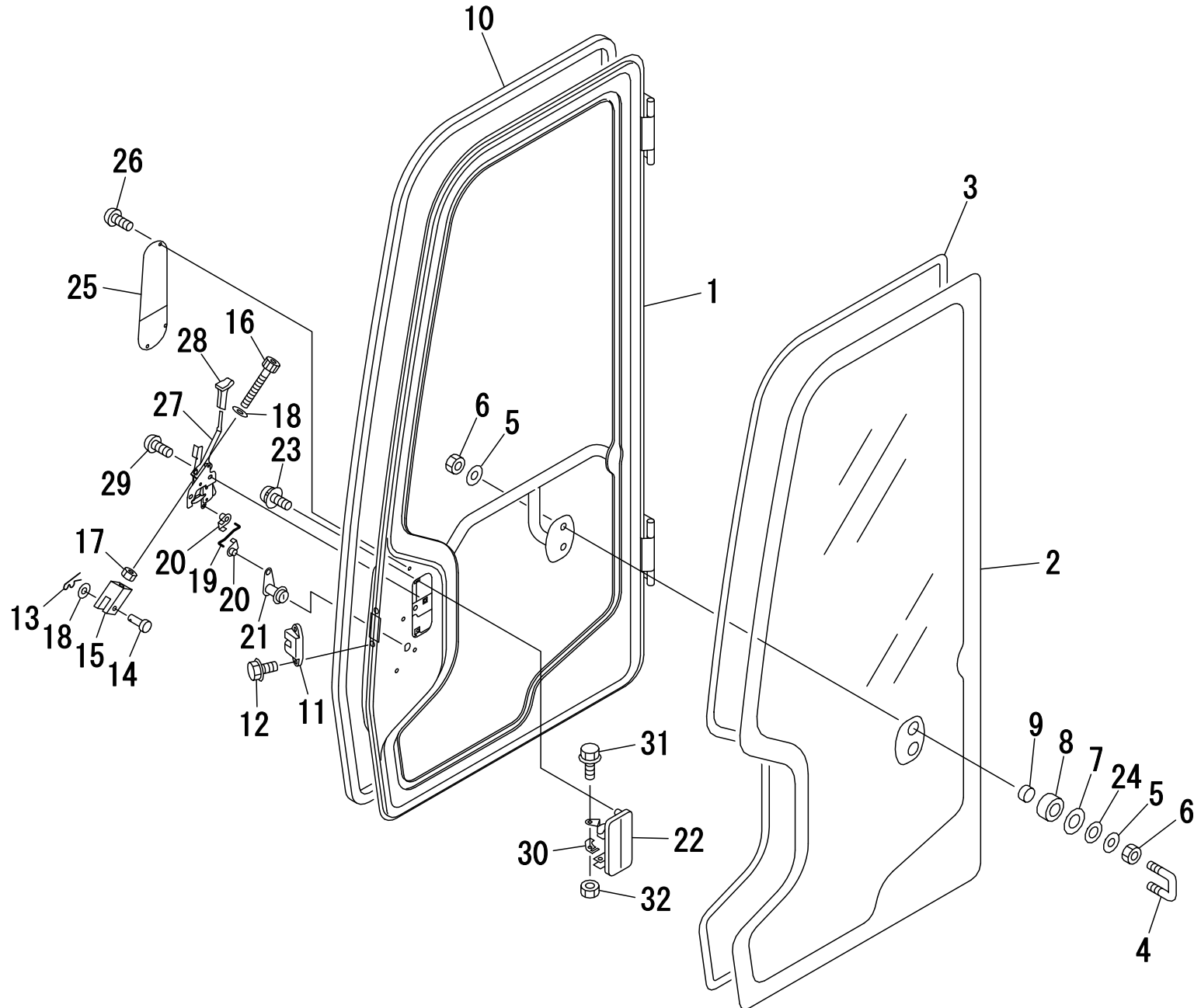
CAB (1/3)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
86	1711919300	· HOSE	1			M	sold by the meter
87	1711910014	· JOINT	1			M	
88	0568660790	· HANDRAIL	1			M	
89	0568660800	· MIRROR ASSY, rear	1			M	
89-1	0568660801	· · STAY	1			M	
89-2	1656500050	· · MIRROR	1			M	
90	1130090010	· NUT	2			M	
92	1130040010	· NUT	2			M	
93	1654011705	· WASHER	6			M	
94	1654011706	· WASHER	2			M	
95	1654011900	· WASHER	4			M	
96	1140090010	· WASHER, spring	2			M	
97	1150120412	· SCREW	8			M	
98	1120590412	· SCREW	2			M	
99	1150410414	· SCREW	2			M	
100	1150410512	· SCREW	2			M	
101	1150420512	· SCREW	1			M	
102	1150410616	· SCREW	8			M	
103	1150420616	· SCREW	1			M	
104	1150420625	· SCREW	2			M	
105	1120790412	· SCREW	2			M	
106	1120790612	· SCREW	3			M	
107	1122500412	· SCREW	2			M	
109	0568660810	· BOLT	4			M	
110	1120890825	· SCREW	2			M	
111	1100790616	· BOLT	4			M	
112	1106690616	· BOLT	2			M	
113	1120990820	· SCREW	6			M	
114	1120991025	· SCREW	2			M	
115	1100740616	· BOLT	12			M	
116	1100790820	· BOLT	10			M	
117	1100041020	· BOLT	2			M	
118	1100741025	· BOLT	4			M	
120	0568660820	· BUSHING	4			M	
121	0568660830	· COVER	1			M	
	M1e150						



CAB (2/3) (front sash)

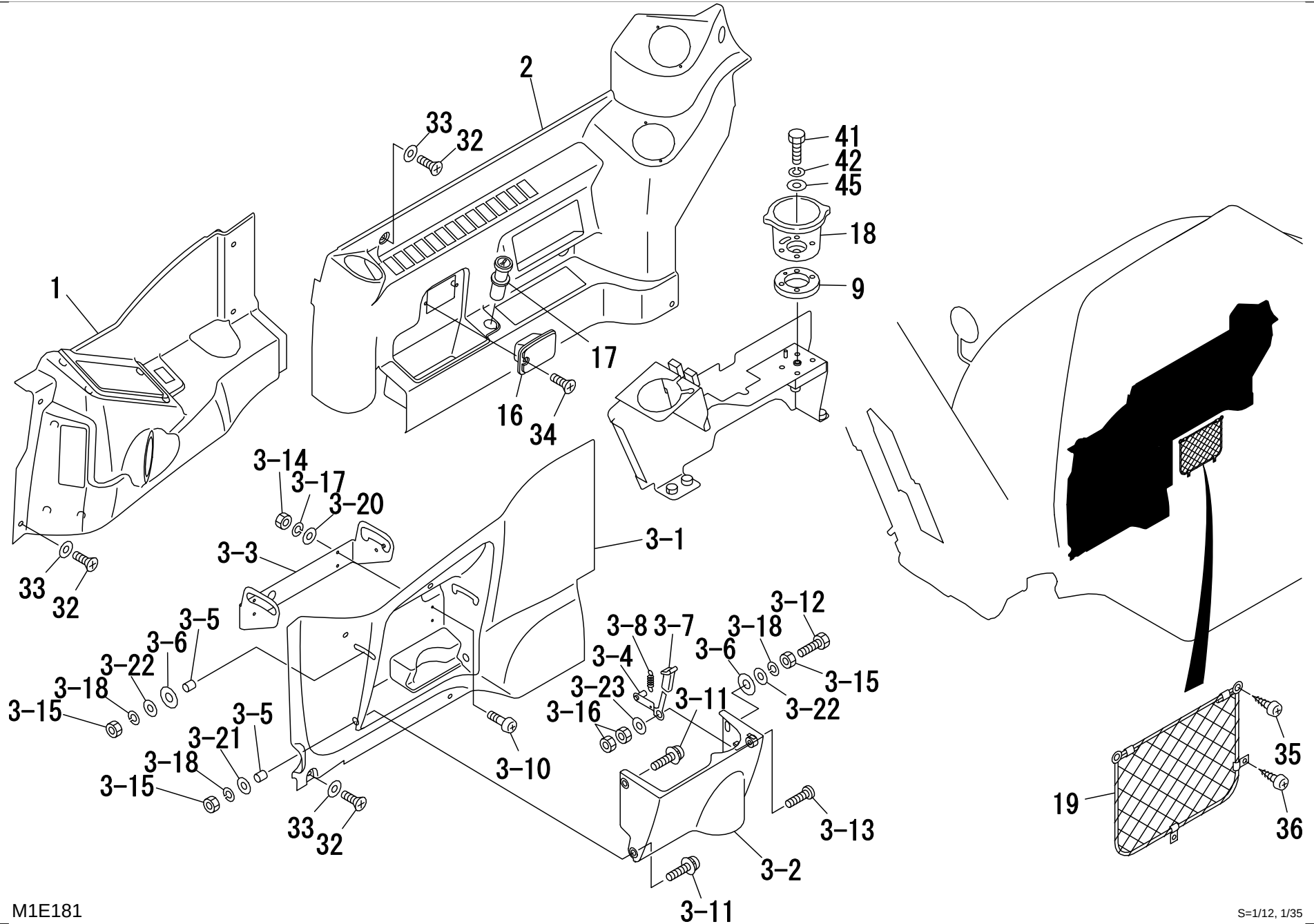
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0-1	0568660400	SASH ASSY, front	1			M	
1	0568660410	· FRAME	1			M	
2	0568660430	· GLASS	1			M	
3	1654615093	· DAM	2			M	sold by the meter
4	1704051212	· MOTOR, wiper	1			M	
5	1704000100	· ARM, wiper	1			M	
6	1704200530	· BLADE	1			M	
7	0578600470	· ROLLER	2			M	
8	1704400002	· COVER	1			M	
9	1652221050	· BAND	4			M	
10	0378607710	· SEAL	1			M	
11	0578600406	· BOLT	2			M	
12	1130090010	· NUT	2			M	
13	0578600480	· HANDLE	1			M	
14	0578600490	· HANDLE	1			M	
15	1652200005	· BAND	5			M	
16	1120800616	· SCREW	4			M	
17	1122400512	· SCREW	4			M	
18	1654005460	· MIRROR, room	1			M	
	M1e160						



CAB (3/3) (door)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0-2	0568660300	DOOR ASSY	1			M	
1	0568660310	· DOOR	1			M	
2	0568660330	· GLASS, door	1			M	
3	1654643396	· DAM	1			M	sold by the meter
4	1654005900	· STRIKER	1			M	
5	1654011706	· WASHER	4			M	
6	1130090010	· NUT	4			M	
7	0378607164	· WASHER	2			M	
8	0378610408	· SEAL	2			M	
9	0378610410	· COLLAR	2			M	
10	1654605044	· SEAL	1			M	sold by the meter
11	0068620400	· LOCK ASSY	1			M	
12	1106690612	· BOLT	2			M	
13	1214000004	· PIN, snap	1			M	
14	1654011933	· PIN	1			M	
15	1654011934	· YOKE	1			M	
16	1110040430	· SCREW, cap	1			M	
17	1131242004	· NUT	1			M	
18	1654012004	· WASHER	2			M	
19	0378610419	· ROD	1			M	
20	0398610900	· SNAP	2			M	
21	1653611527	· LOCK ASSY	1			M	
22	1654008600	· HANDLE	1			M	
23	1150410612	· SCREW	2			M	
24	1654011812	· WASHER	2			M	
25	0568660340	· COVER	1			M	
26	1150420512	· SCREW	3			M	
27	0568660350	· CONTROL ASSY	1			M	
28	1654008800	· KNOB	1			M	
29	1150410616	· SCREW	2			M	
30	0378607448	· STRIKER	1			M	
31	1106640616	· BOLT	1			M	
32	1131212605	· NUT	1			M	
	M1e170						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
CAB INTERIOR



M1E181

Reference M1E181

S=1/12, 1/35

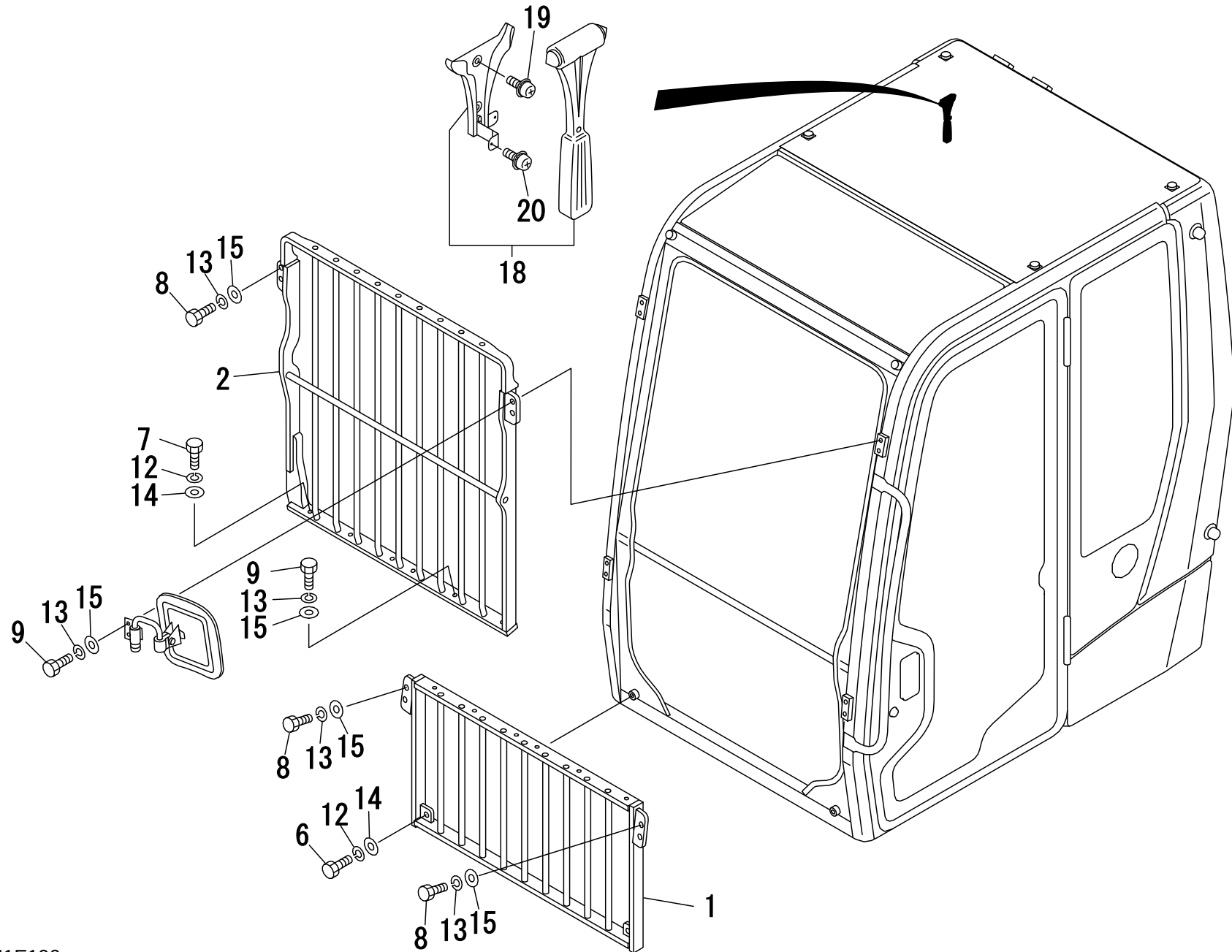
ページ 5-16

CAB INTERIOR

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		CAB INTERIOR ASSY					
1	0568661010	PANEL	1				
2	0568661020	PANEL	1				
3	0568661100	PANEL ASSY	1				
3-1	0568661110	· PANEL	1				
3-2	0568661120	· POCKET	1				
3-3	0568661130	· BRACKET	1				
3-4	0378606250	· LEVER	1				
3-5	0378606134	· COLLAR	3				
3-6	0378606280	· SPACER	2				
3-7	1654008800	· KNOB	1				
3-8	0007000123	· SPRING	1				
3-10	1120590512	· SCREW	4				
3-11	1150020635	· SCREW	3				
3-12	1100040630	· BOLT	1				
3-13	1111820830	· BOLT	1				
3-14	1130040005	· NUT	4				
3-15	1130040006	· NUT	4				
3-16	1130190008	· NUT	2				
3-17	1140020005	· WASHER, spring	4				
3-18	1140020006	· WASHER, spring	4				
3-20	1141110005	· WASHER	4				
3-21	0003600110	· WASHER	2				
3-22	0003600043	· WASHER	2				
3-23	0003608252	· WASHER	1				
9	0378606131	SPONGE	1				
16	1654010500	ASHTRAY	1				
17	1711900059	LIGHTER	1				
18	0578601010	HOLDER	1				
19	1654010600	POCKET	1				
32	1120790620	SCREW	13				
33	1652900016	WASHER	13				
34	1120630412	SCREW	2				
35	1150410416	SCREW	2				
36	1150410412	SCREW	2				
41	1100040816	BOLT	1				
42	1140020008	WASHER, spring	1				
45	0003608003	WASHER	1				
	M1e181						

M

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
FRONT GUARD



M1E190

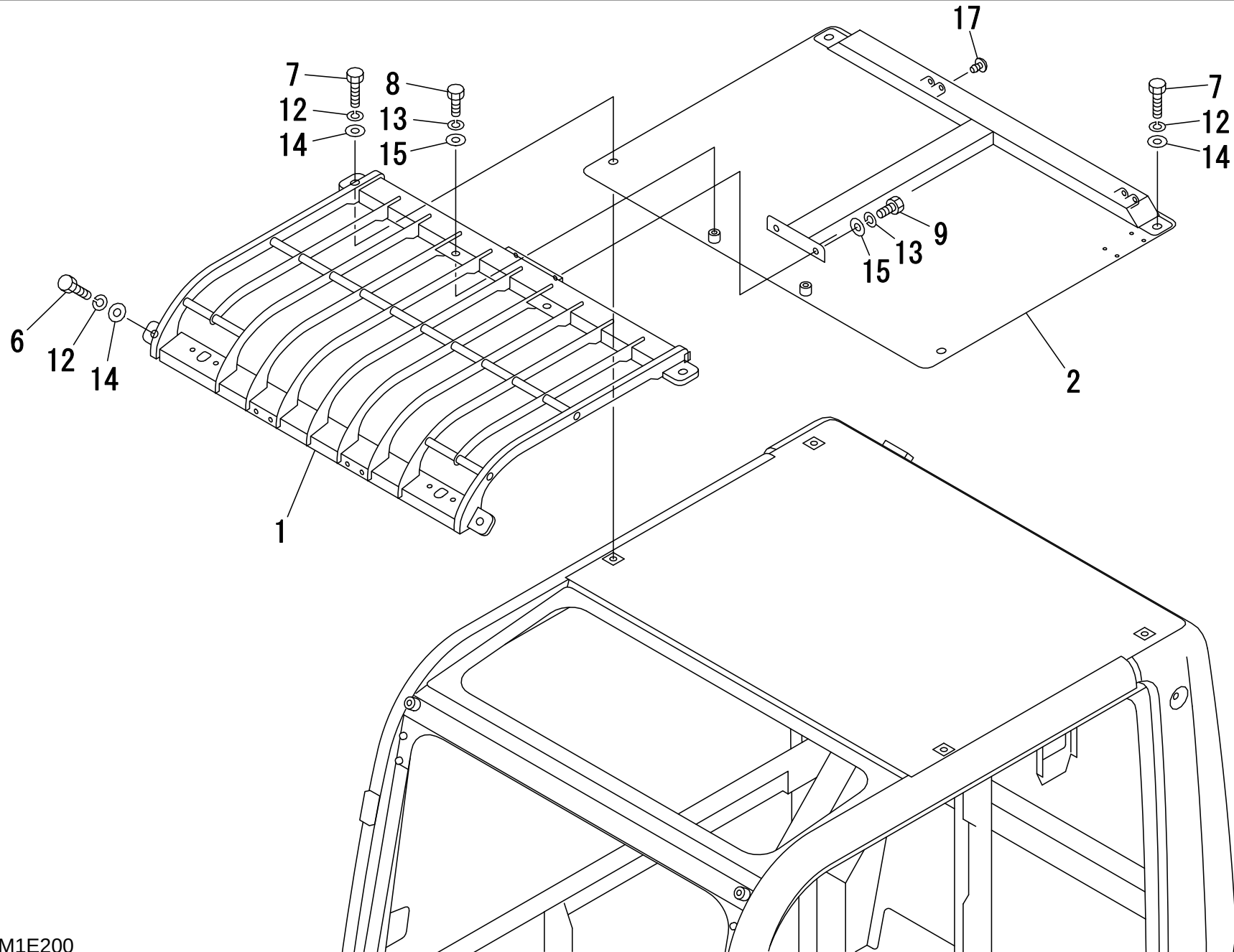
Reference M1E190

S=1/5,1/20

ページ 5-17

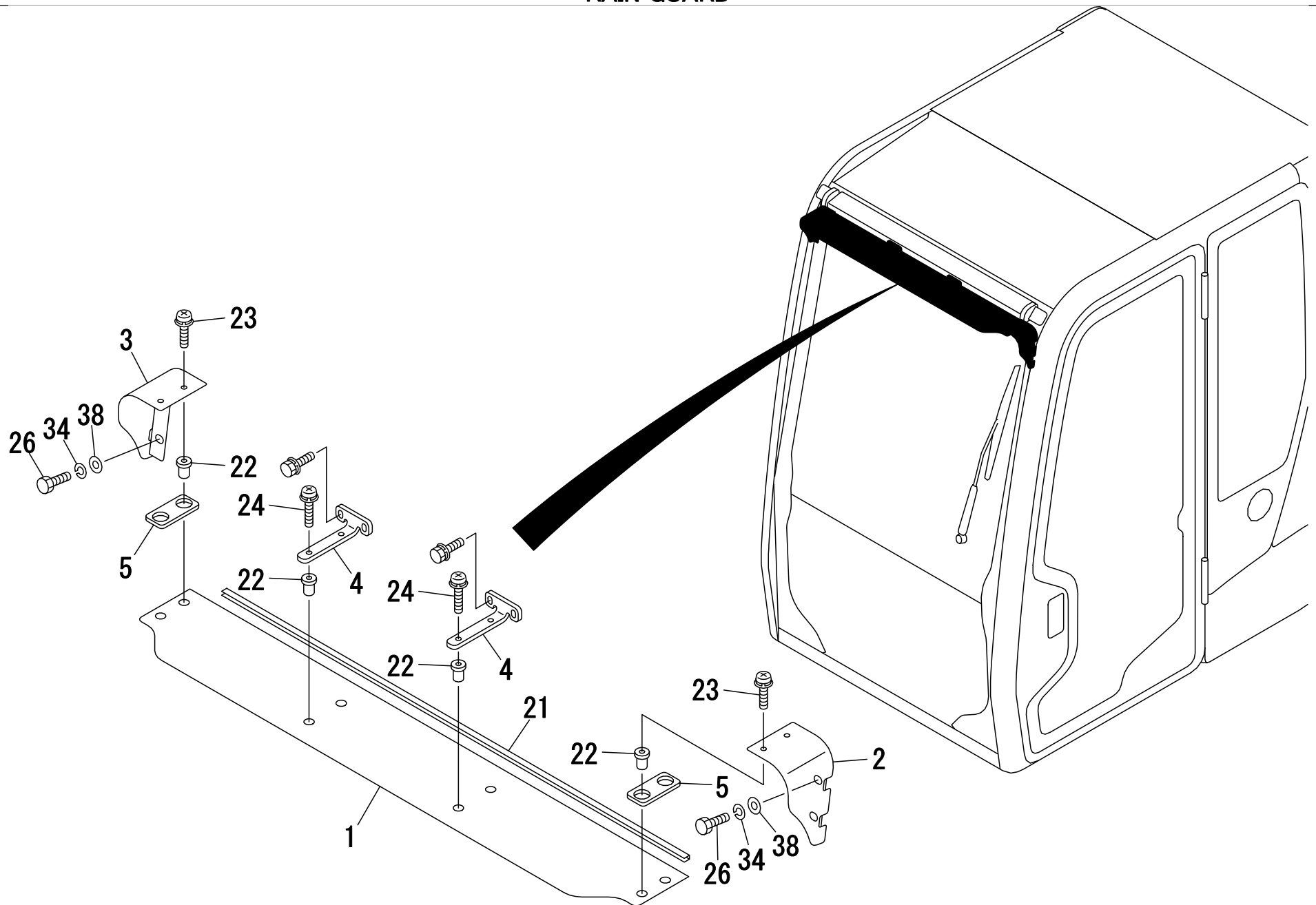
FRONT GUARD

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	0568662330	GUARD ASSY, front	1			M	
2	0568662310	GUARD	1			M	
6	1100041230	BOLT	2				
7	1100041235	BOLT	2				
8	1100041030	BOLT	6				
9	1100041035	BOLT	6				
12	1140020012	WASHER, spring	4				
13	1140020010	WASHER, spring	12				
14	1141110012	WASHER	4				
15	1141110010	WASHER	12				
18	1654011920	HAMMER	1			M	
19	1122410412	SCREW	2				
20	1122410304	SCREW	1				
	M1e190						



ROOF GUARD

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
1	0568662410	GUARD ASSY, roof	1			M	
2	0568662430	GUARD	1			M	
6	1100041230	BOLT	2				
7	1100041240	BOLT	4				
8	1100041030	BOLT	2				
9	1100041025	BOLT	2				
12	1140020012	WASHER, spring	6				
13	1140020010	WASHER, spring	4				
14	1141110012	WASHER	6				
15	1141110010	WASHER	4				
17	1653303010	cap	4			M	
	M1e200						



M1E210

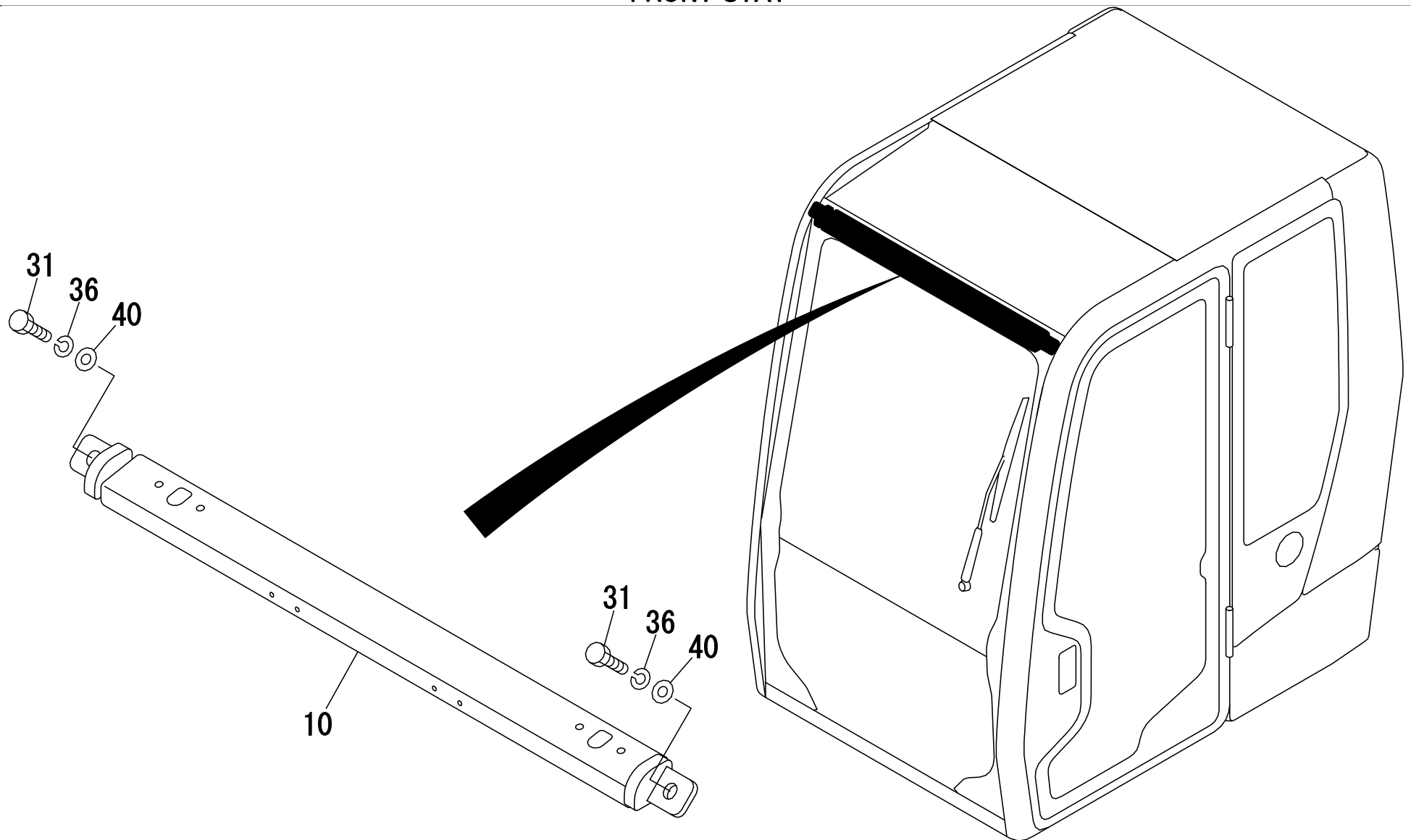
Reference M1E210

S=1/8, 1/20

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RAIN GUARD

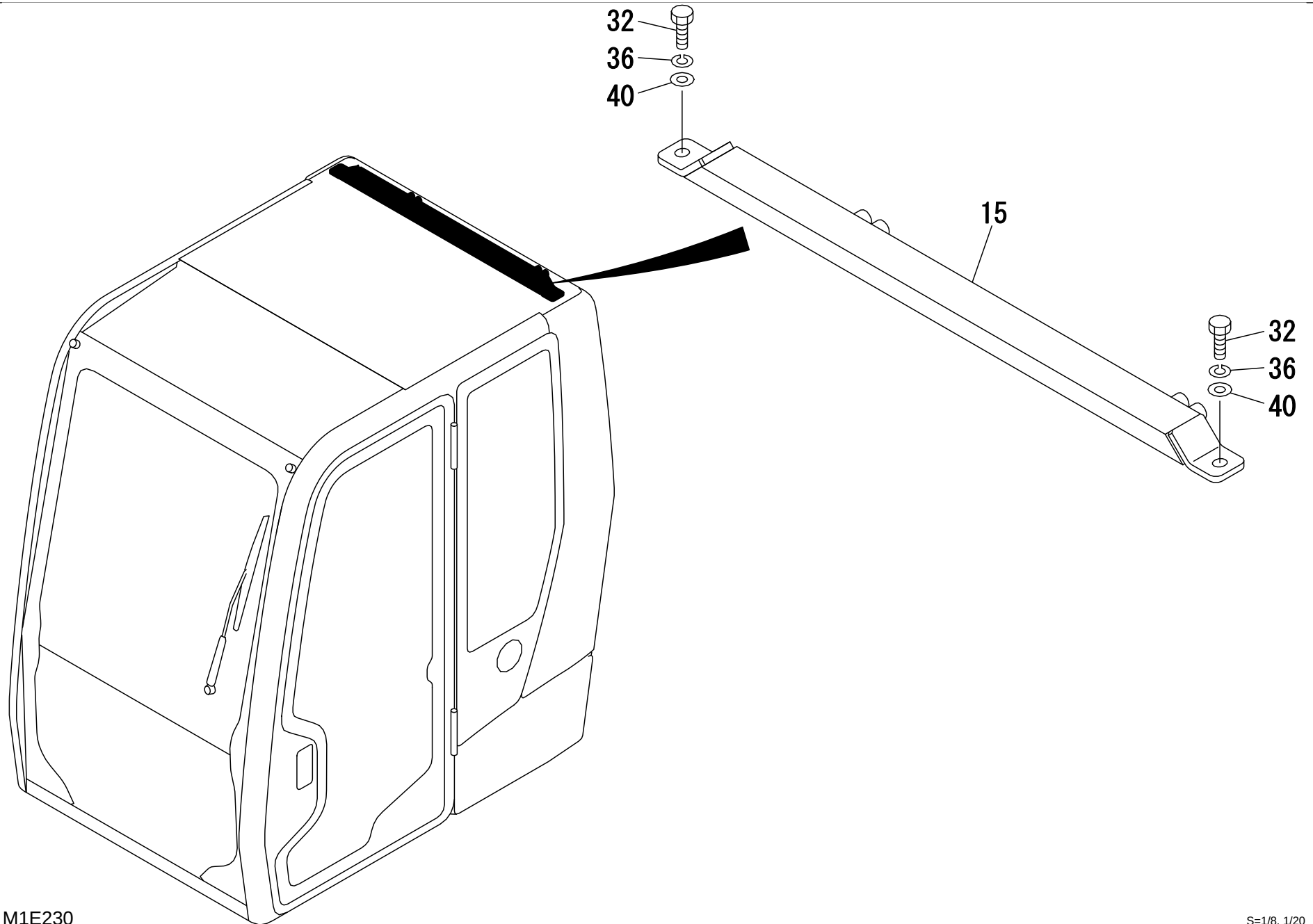
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		GUARD ASSY, rain					
1	0568662190	GUARD	1			M	
2	0568662200	STAY (L.H.)	1			M	
3	0568662210	STAY (R.H.)	1			M	
4	0568662520	BRACKET	2			M	
5	0568662530	RUBBER	2			M	
21	1654606079	SEAL	1			M	sold by the meter
22	1652520006	NUT	8			M	
23	1150410625	SCREW	4				
24	1150410630	SCREW	4				
26	1100040820	BOLT	4				
34	1140020008	WASHER, spring	4				
38	1141110008	WASHER	4				
	M1e210						



FRONT STAY

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
10	0568662710	STAY ASSY, front	1			M	
31	1100041230	STAY	2				
36	1140020012	BOLT	2				
40	1141110012	WASHER, spring	2				
	M1e220	WASHER	2				

REAR STAY



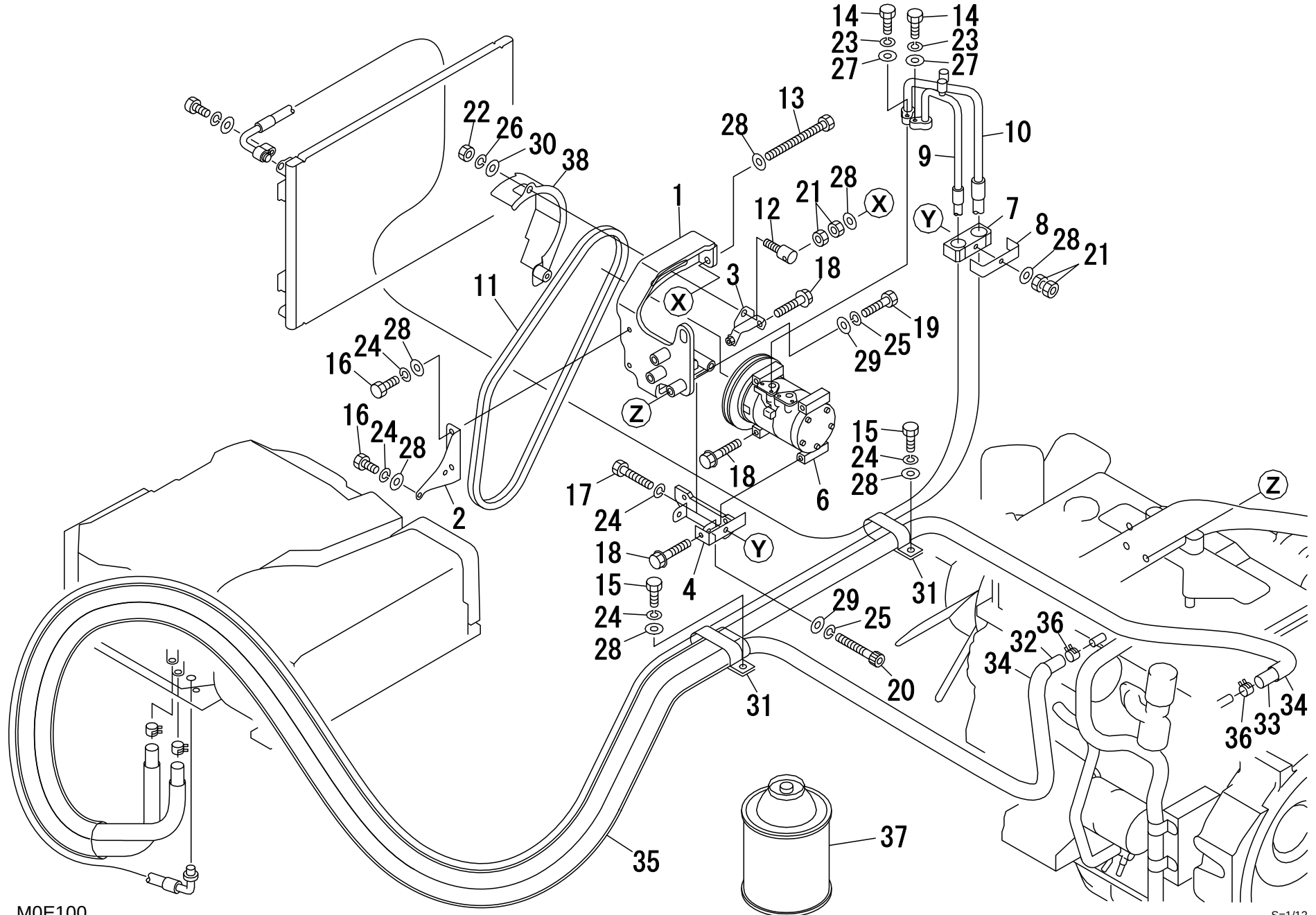
M1E230

Reference M1E230

REAR STAY

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
15	0568662910	STAY ASSY, rear	1			M	
32	1100041240	BOLT	2				
36	1140020012	WASHER, spring	2				
40	1141110012	WASHER	2				
	M1e230						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
AIR CONDITIONER (1/4) (compressor)



M0E100

Reference M0E100

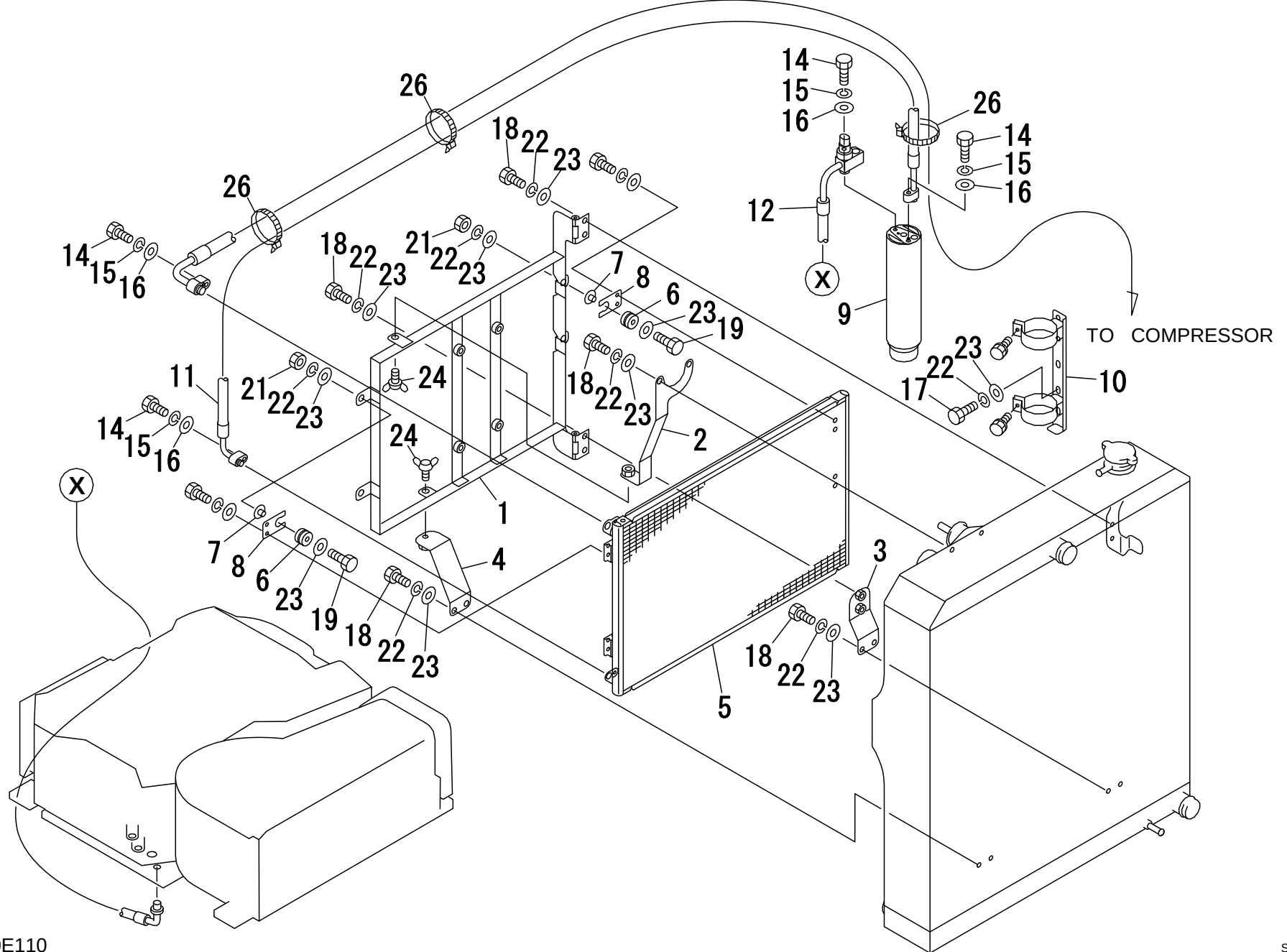
S=1/12

ページ 5-22

AIR CONDITIONER (1/4) (compressor)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0-1	0564648100	COMPRESSOR ASSY	1				
1	0564641300	• BRACKET	1				
2	0564641310	• BRACKET	1				
3	0564641320	• BRACKET	1				
4	0564641330	• BRACKET	1				
6	1911513820	• COMPRESSOR	1				
7	0394612120	• RUBBER	1				
8	0394612130	• PLATE	1				
9	1911514201	• HOSE ASSY	1				
10	1911514204	• HOSE ASSY	1				
11	1621074053	• V-BELT	1				
12	0564619210	• SHAFT	1				
13	0394602010	• BOLT	1				
14	1100040625	• BOLT	2				
15	1100040816	• BOLT	2				
16	1100040825	• BOLT	4				
17	1100040860	• BOLT	1				
18	1106640880	• BOLT	3				
19	1100041055	• BOLT	3				
20	1110141000	• SCREW, cap	1				
21	1130040008	• NUT	4				
22	1130040012	• NUT	1				
23	1140020006	• WASHER, spring	2				
24	1140020008	• WASHER, spring	7				
25	1140020010	• WASHER, spring	4				
26	1140020012	• WASHER, spring	1				
27	1141110006	• WASHER	2				
28	1141110008	• WASHER	9				
29	1141110010	• WASHER	4				
30	1141550012	• WASHER	1				
31	0007300018	• CLAMP	2				
32	1911521670	• HOSE	1				
33	1911521770	• HOSE	1				
34	1531325100	• PROTECTOR	2				sold by the meter
35	1531345150	• PROTECTOR	1				sold by the meter
36	1533120021	• BAND	2				
37	X *****	• GAS	11				not service
38	0564648110	• GUARD	1				
	M0e100						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
AIR CONDITIONER (2/4) (condenser)



MOE110

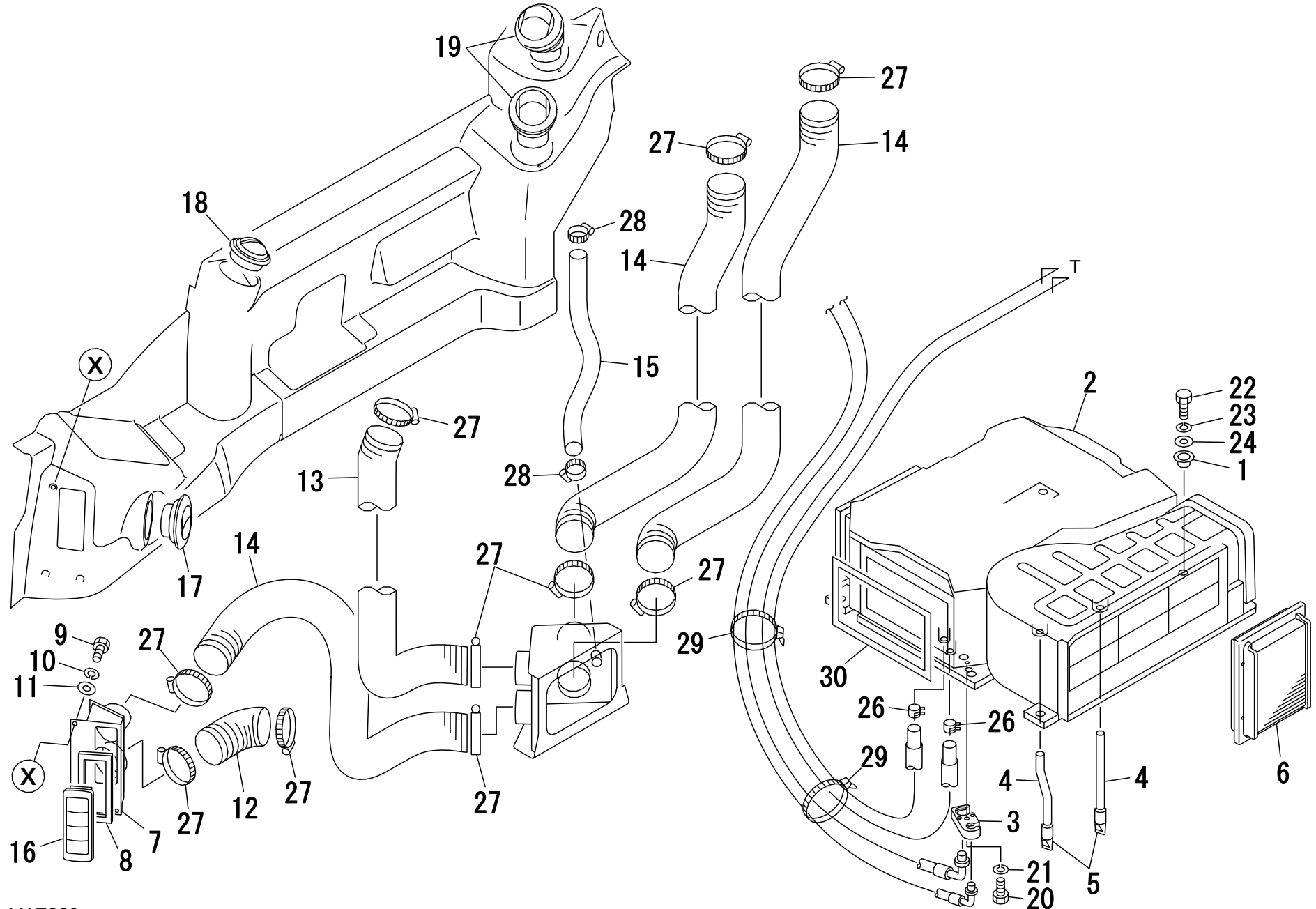
Reference MOE110

S=1/12

AIR CONDITIONER (2/4) (condenser)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0-2	0564648200	CONDENSER ASSY	1				
1	0564648210	· BRACKET	1				
2	0564647220	· BRACKET	1				
3	0564647230	· BRACKET	1				
4	0564647240	· BRACKET	1				
5	1911513830	· CONDENSER	1				
6	1911513831	· BUSHING	4				
7	1911513832	· COLLAR	4				
8	1911513833	· BRACKET	4				
9	1911513660	· DRYER	1				
10	1911513665	· BRACKET	1				
11	1911514102	· HOSE ASSY	1				
12	1911514103	· HOSE ASSY	1				
14	1100040625	· BOLT	4				
15	1140020006	· WASHER, spring	4				
16	1141110006	· WASHER	4				
17	1100040816	· BOLT	2				
18	1100040820	· BOLT	10				
19	1100040835	· BOLT	4				
21	1130040008	· NUT	4				
22	1140020008	· WASHER, spring	16				
23	1141110008	· WASHER	20				
24	1121530816	· BOLT, wing	2				
26	1652231100	· BAND	3				
	M0e110						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
AIR CONDITIONER (3/4) (air-conditioner unit-1)



M1E320

Reference M1E320

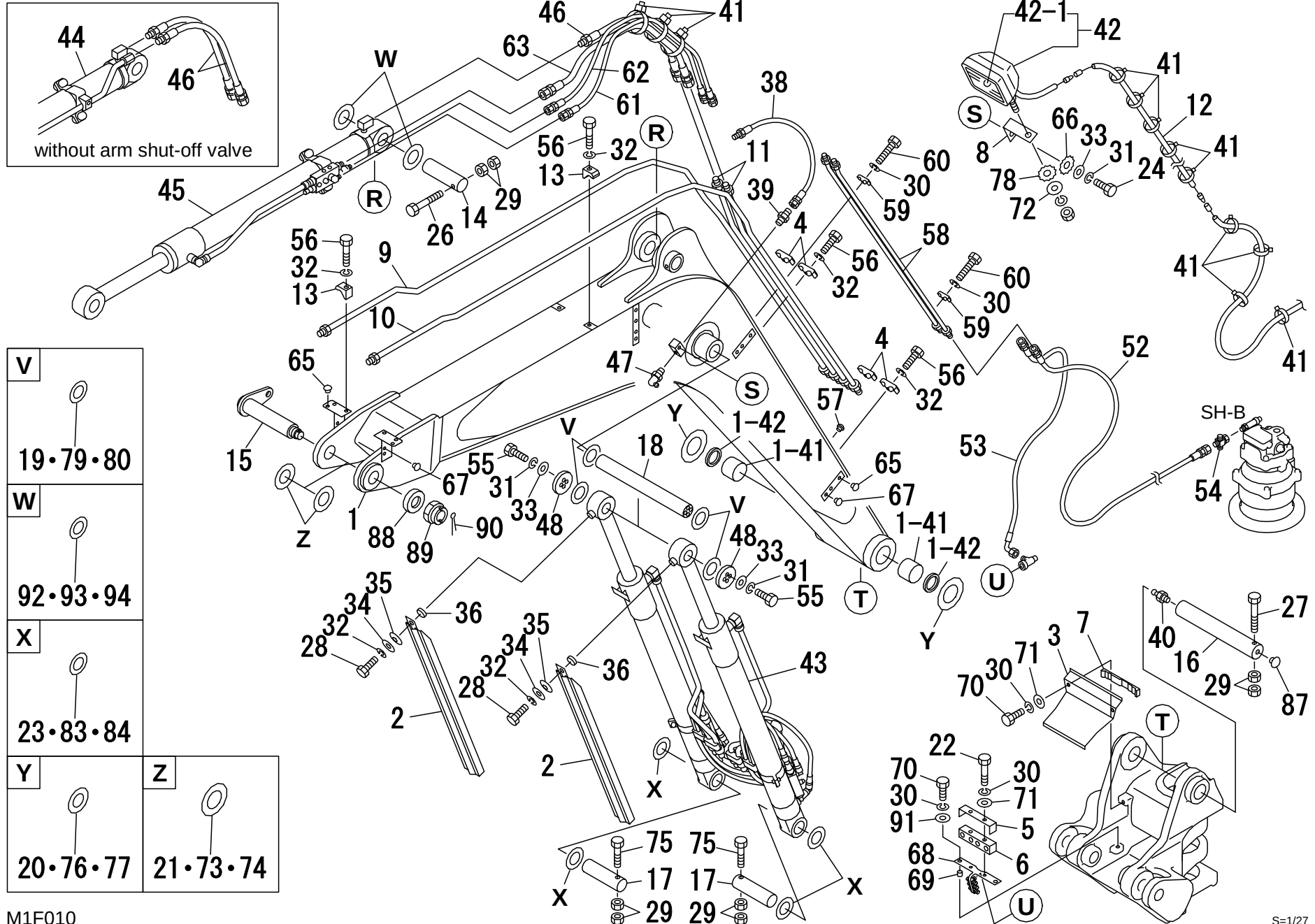
S=1/12

ページ 5-24

AIR CONDITIONER (3/4) (air-conditioner unit-1)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0-3	0564647300	UNIT ASSY, air conditioner	1				
1	0554602350	· COLLAR	5				
2	1911513810	· UNIT, air conditioner	1				
3	1911513130	· CONNECTOR	1				
4	1911513805	· HOSE	2				
5	1911513150	· CONNECTOR	2				
6	1911513680	· FILTER	1				
7	0564647310	· DUCT	1				
8	0564647301	· SPONGE	1				
9	1100040612	· BOLT	3				
10	1140020006	· WASHER, spring	3				
11	1141110006	· WASHER	3				
12	1566165016	· HOSE	1				
13	1566165090	· HOSE	1				
14	1566165120	· HOSE	3				
15	1531419045	· HOSE	1				sold by the meter
16	1911510001	· LOUVER	1				
17	1911510002	· LOUVER	1				
18	1911510004	· LOUVER	1				
19	1911510003	· LOUVER	2				
20	1100040625	· BOLT	1				
21	1140020006	· WASHER, spring	1				
22	1100040835	· BOLT	5				
23	1140020008	· WASHER, spring	5				
24	1141110008	· WASHER	5				
26	1533120021	· BAND	2				
27	1533001065	· BAND	10				
28	1533700028	· BAND	2				
29	1652231250	· BAND	2				
30	0564647302	· SPONGE	1				
	M1e320						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
BOOM (1/4)



M1F010

Reference M1F010

S=1/27

ページ 6-1

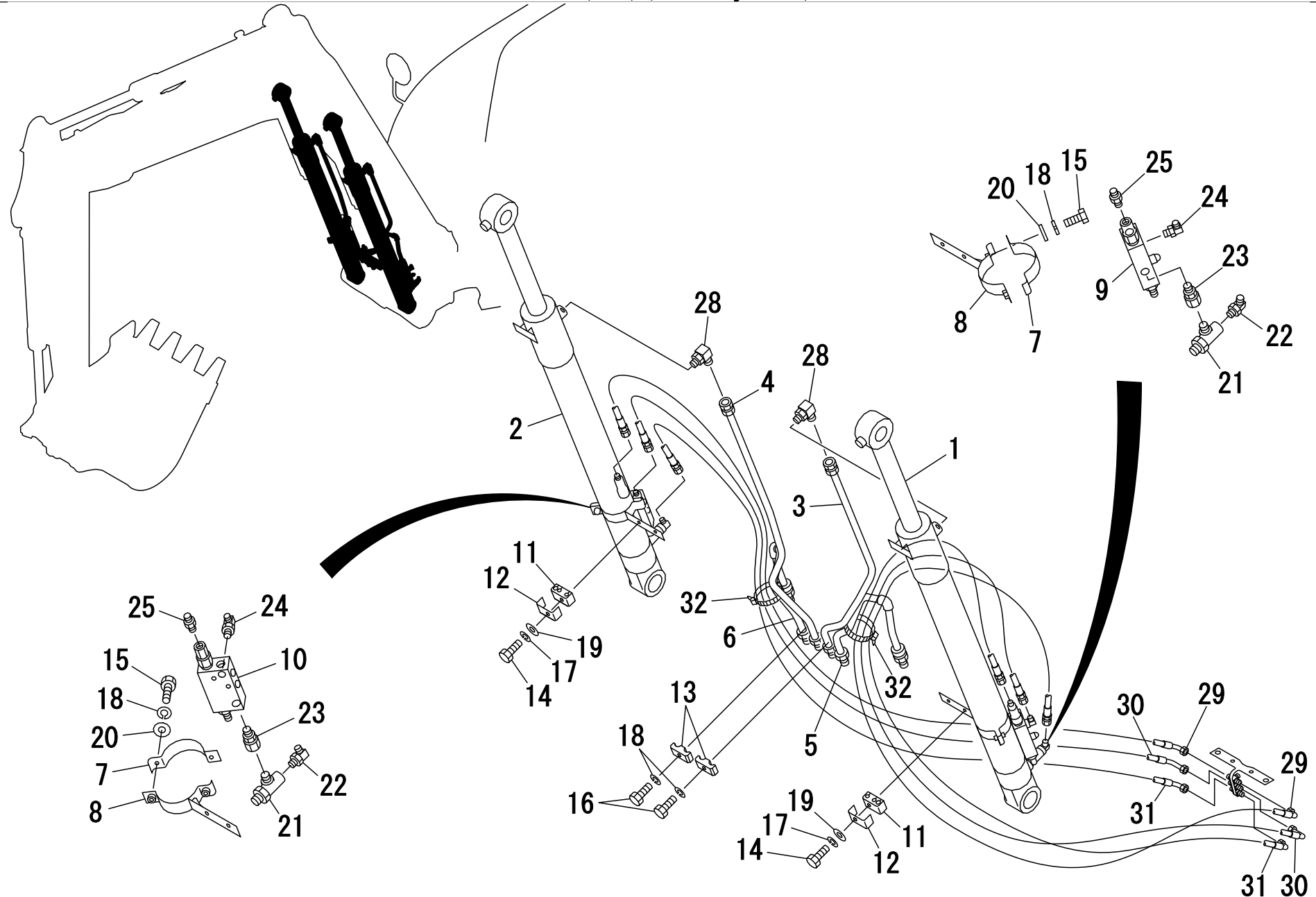
BOOM (1/4)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		BOOM ASSY					
		BOOM ASSY (with arm shut-off valve)					
1	0566067200	BOOM	1				
1-41	0002707501	· BUSHING	2				
1-42	1432200075	· SEAL, dust	2				
2	0566067110	COVER, rod	2				
3	0566066703	COVER	1				
4	0566066704	CLAMP	4				
5	0566014500	CLAMP	1				
6	0566066810	PROTECTOR	1				
7	0567353307	RUBBER	1				
8	0566013100	BRACKET	1				
9	0566066710	PIPE (R.H.)	1				
10	0566066720	PIPE (L.H.)	1				
11	0566019500	PIPE	2				
12	0566051310	HARNESS, wiring	1				
13	0566066713	CLAMP	4				
14	0001618002	PIN	1				
15	0011909002	PIN	1				
16	0011578009	PIN	1				
17	0001617002	PIN	2				
18	0011596009	PIN	1				
19	0003600156	SHIM	AR				t=1.0mm
20	0003600203	SHIM	AR				t=0.2mm
21	0003600218	SHIM	AR				t=1.0mm
22	1100040850	BOLT	2				
23	0003600221	SHIM	AR				t=1.0mm
24	1100041020	BOLT	1				
26	1100141220	BOLT	1				
27	1100141240	BOLT	1				
28	1102041225	BOLT	2				
29	1130040012	NUT	8				
30	1140020008	WASHER, spring	6				
	1140020008	WASHER, spring	8				with arm shut-off valve
31	1140020010	WASHER, spring	9				
32	1140020012	WASHER, spring	10				
33	1141110010	WASHER	9				
34	0003600057	WASHER	2				
35	1225120022	WASHER, conical	2				
36	0003600159	COLLAR	2				
38	1934802070	HOSE ASSY	1				
39	1511050002	ADAPTOR	1				
40	1560001000	FITTING, grease	1				
41	1652201005	BAND	10				
42	1703002700	LAMP ASSY	1				
42-1	1703002706	· BULB					
43	0566067500	CYLINDER ASSY, boom	1				see page (2/4)
44	0566070200	CYLINDER ASSY, arm	1				see page (3/4)
45	0566070300	CYLINDER ASSY, arm (with shut-off valve)	1				see page (4/4)
46	1804743067	HOSE ASSY	2				
	1804743067	HOSE ASSY	1				with arm shut-off valve
47	1560001675	FITTING, grease	1				
48	0566054648	PLATE	2				
52	0565067050	HOSE ASSY (with arm shut-off valve)	1				18010-22275
53	0565067060	HOSE ASSY (with arm shut-off valve)	1				18010-52130
54	0007263004	CROSS	1				with arm shut-off valve

BOOM (1/4)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
55	1100041035	BOLT	8				
56	1100041250	BOLT	8				
57	1652533016	CAP	2				
58	0565041020	PIPE	2				with arm shut-off valve
59	1534000012	CLAMP	2				with arm shut-off valve
60	1100040870	BOLT	2				with arm shut-off valve
61	0566070020	HOSE ASSY (with arm shut-off valve)	1				18010-22120
62	0566070030	HOSE ASSY (with arm shut-off valve)	1				18010-22111
63	1804740096	HOSE ASSY	1				with arm shut-off valve
65	1652533018	CAP	16				
66	1140330010	WASHER	1				
67	1652533017	CAP	17				
68	0566070010	TEE	1				
69	0566038400	COLLAR	2				
70	1100040825	BOLT	4				
71	1141110008	WASHER	6				
72	1141110012	WASHER	1				
73	0003600199	SHIM	AR				t=0.2mm
74	0003600217	SHIM	AR				t=0.5mm
75	1100141210	BOLT	2				
76	0003600204	SHIM	AR				t=0.5mm
77	0003600205	SHIM	AR				t=1.0mm
78	1140330012	WASHER	1				
79	0003600109	SHIM	AR				t=0.5mm
80	0003600108	SHIM	AR				t=0.2mm
83	0003600220	SHIM	AR				t=0.5mm
84	0003600219	SHIM	AR				t=0.2mm
87	1652533021	CAP	1				
88	0566066788	WASHER	1				
89	1132130048	NUT	1				
90	1210010890	PIN, split	1				
91	0003608252	WASHER	2				
92	0003600251	SHIM	AR				t=1.0mm
93	0003600215	SHIM	AR				t=0.5mm
94	0003600214	SHIM	AR				t=0.2mm
	M1F010						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
BOOM (2/4) (boom cylinder)



M1F020

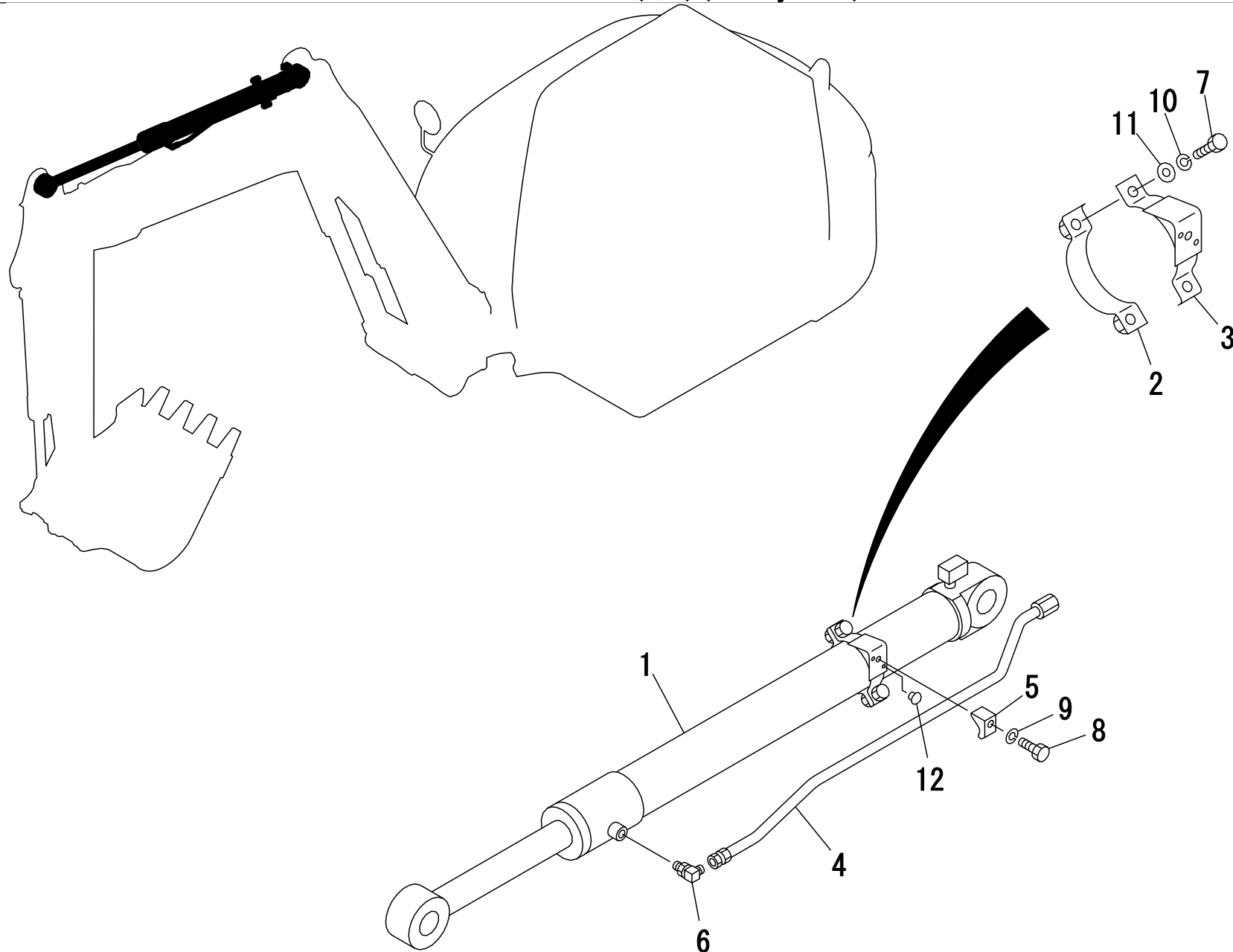
Reference M1F020

S=1/15, 1/20, 1/40

ページ 6-2

BOOM (2/4) (boom cylinder)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0-1	0566067500	CYLINDER ASSY, boom	1				
1	1900109800	· CYLINDER, boom (L.H.)	1				
2	1900109900	· CYLINDER, boom (R.H.)	1				
3	0566067510	· PIPE (L.H.)	1				
4	0566067520	· PIPE (R.H.)	1				
5	0566067530	· PIPE (L.H.)	1				
5-6	1420010180	· · O-RING	1				
6	0566067540	· PIPE (R.H.)	1				
6-6	1420010180	· · O-RING	1				
7	0566067550	· CLAMP	2				
8	0566067590	· CLAMP	2				
9	1901742900	· VALVE, emergency shut-off	1				
10	1901743000	· VALVE, emergency shut-off	1				
11	0566067570	· PROTECTOR	2				
12	0566067580	· CLAMP	2				
13	1534000022	· CLAMP	2				
14	1100040850	· BOLT	2				
15	1100041040	· BOLT	4				
16	1100041050	· BOLT	2				
17	1140020008	· WASHER, spring	2				
18	1140020010	· WASHER, spring	6				
19	1141110008	· WASHER	2				
20	1141110010	· WASHER	4				
21	1512340013	· ELBOW	2				
	1420010180	· · O-RING	1				
22	0881710311	· ELBOW (with orifice)	2				
	1420010110	· · O-RING	1				
23	0007236041	· ADAPTOR	2				
	1420010180	· · O-RING	1				
24	1515012040	· ELBOW	2				
	1420010110	· · O-RING	1				
25	1515600200	· ADAPTOR	2				
	1420010110	· · O-RING	1				
28	1515010042	· ELBOW	2				
	1420010180	· · O-RING	1				
29	0566067320	· HOSE ASSY	2				18010-52095
30	0566067330	· HOSE ASSY	2				18010-52103
31	0566067340	· HOSE ASSY	2				18045-01116
32	1652201005	· BAND	2				
	M1f020						



M1F030

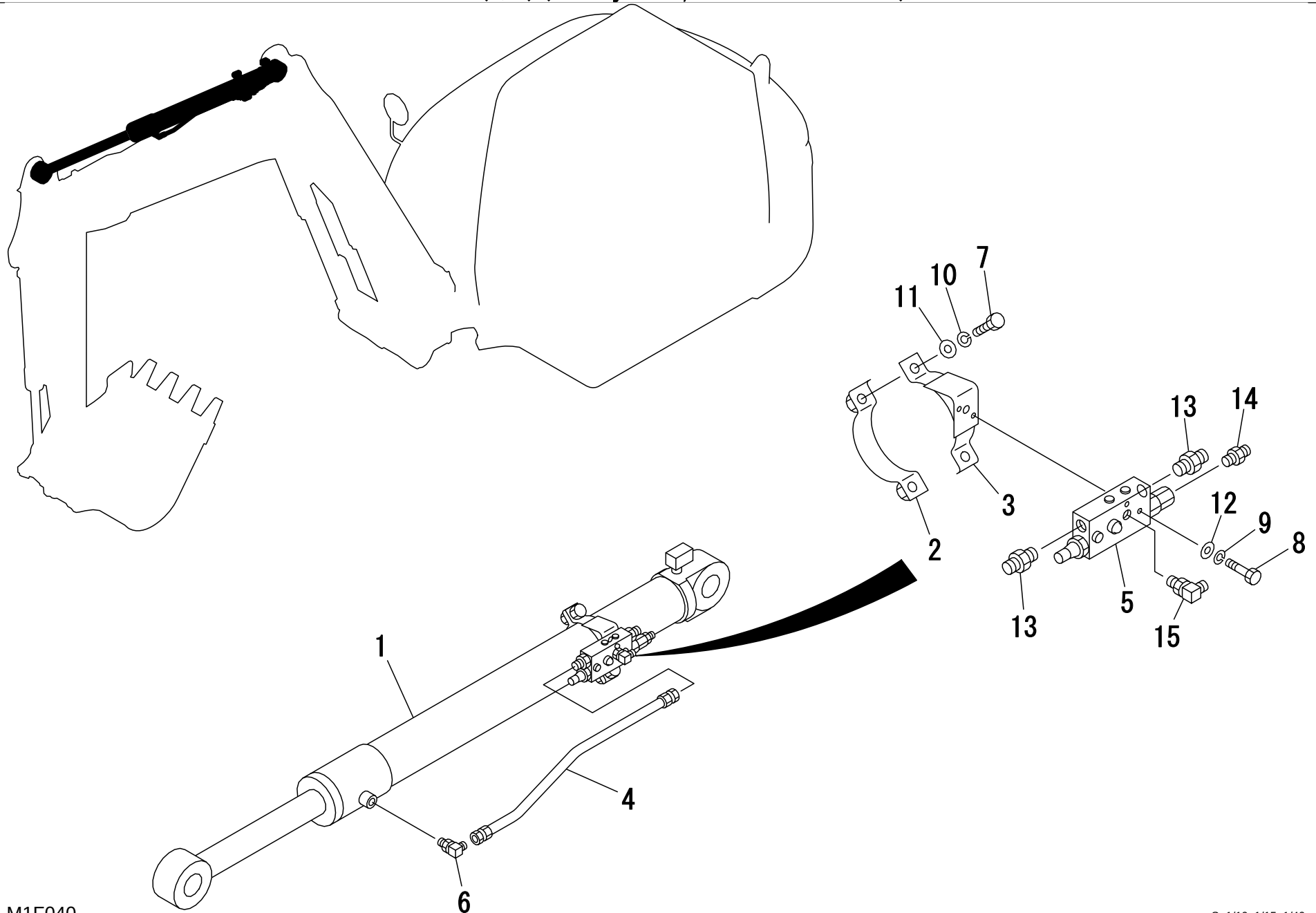
Reference M1F030

S=1/10, 1/15, 1/40

ページ 6-3

BOOM (3/4) (arm cylinder)

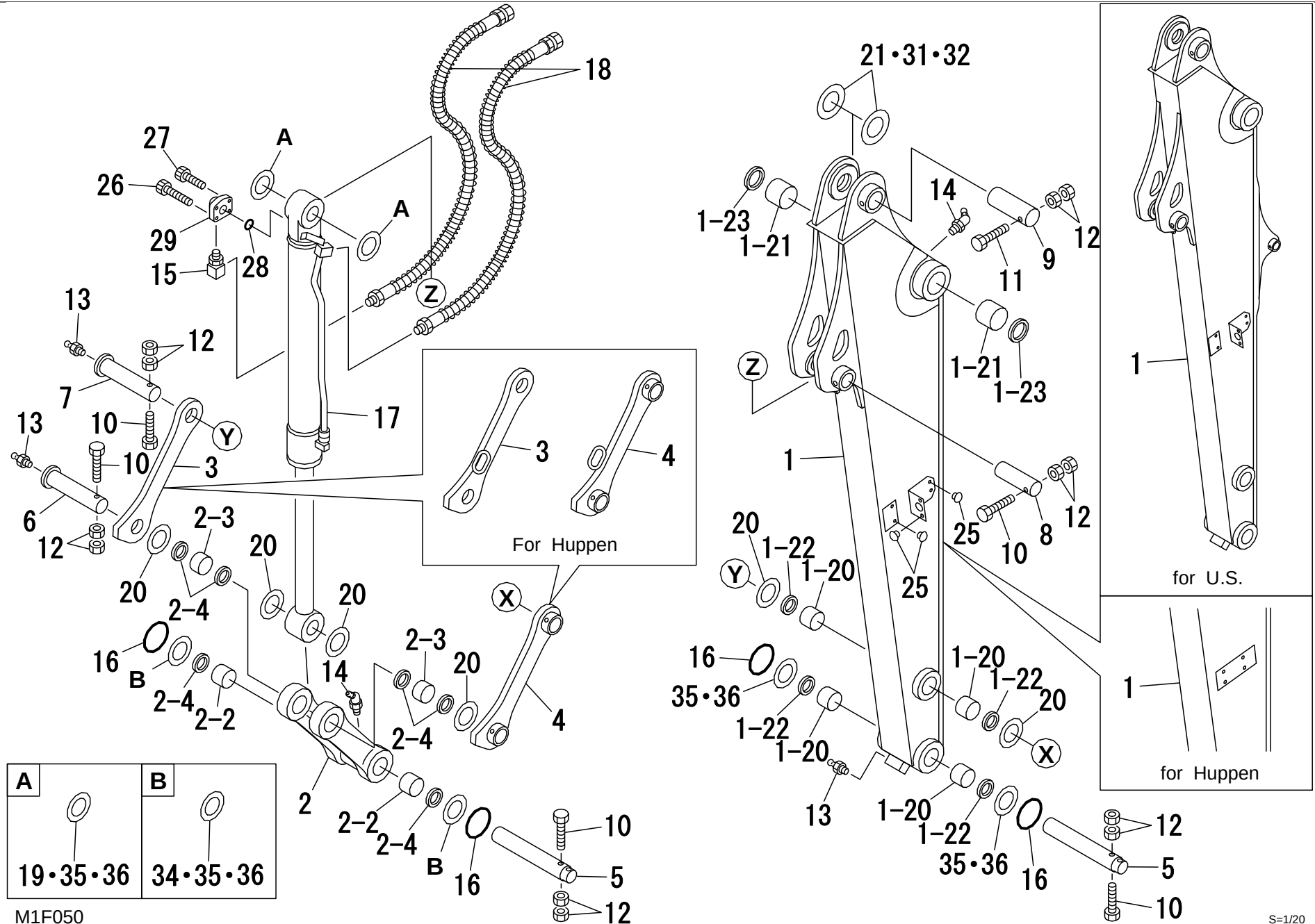
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0-2	0566070200	CYLINDER ASSY, arm	1				
1	1900109700	· CYLINDER, arm	1				
2	0566070210	· CLAMP	1				
3	0566070220	· CLAMP	1				
4	0566070230	· PIPE	1				
5	0566066713	· CLAMP	1				
6	1515010042	· ELBOW	1				
	1420010180	· · O-RING	1				
7	1100041035	· BOLT	2				
8	1100041255	· BOLT	1				
9	1140020012	· WASHER, spring	1				
10	1140020010	· WASHER, spring	2				
11	1141110010	· WASHER	2				
12	1652533015	· CAP	2				
	M1f030						



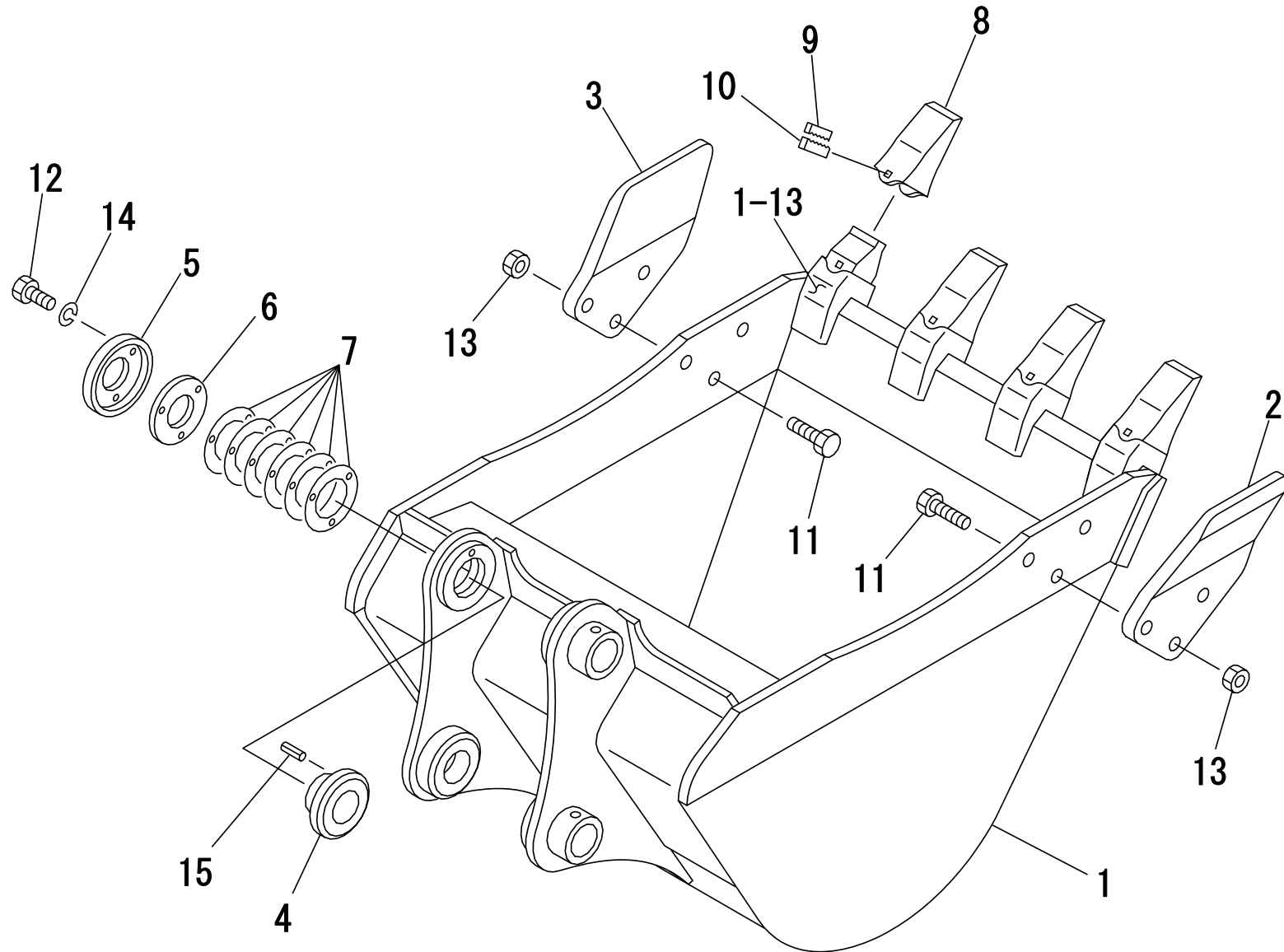
BOOM (4/4) (arm cylinder, with shut-off valve)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0-3	0566070300	CYLINDER ASSY, arm (with shut-off valve)	1				
1	1900109700	· CYLINDER, arm	1				
2	0566070210	· CLAMP	1				
3	0566070220	· CLAMP	1				
4	0566070310	· PIPE	1				
5	1901743100	· VALVE, emergency shut-off	1				
6	1515010042	· ELBOW	1				
	1420010180	· · O-RING	1				
7	1100041035	· BOLT	2				
8	1100040645	· BOLT	2				
9	1140020006	· WASHER, spring	2				
10	1140020010	· WASHER, spring	2				
11	1141110010	· WASHER	2				
12	1141110006	· WASHER	2				
13	1515600202	· ADAPTOR	2				
	1420010180	· · O-RING	1				
14	1515600200	· ADAPTOR	1				
	1420010110	· · O-RING	1				
15	1515012040	· ELBOW	1				
	M1f040						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
ARM



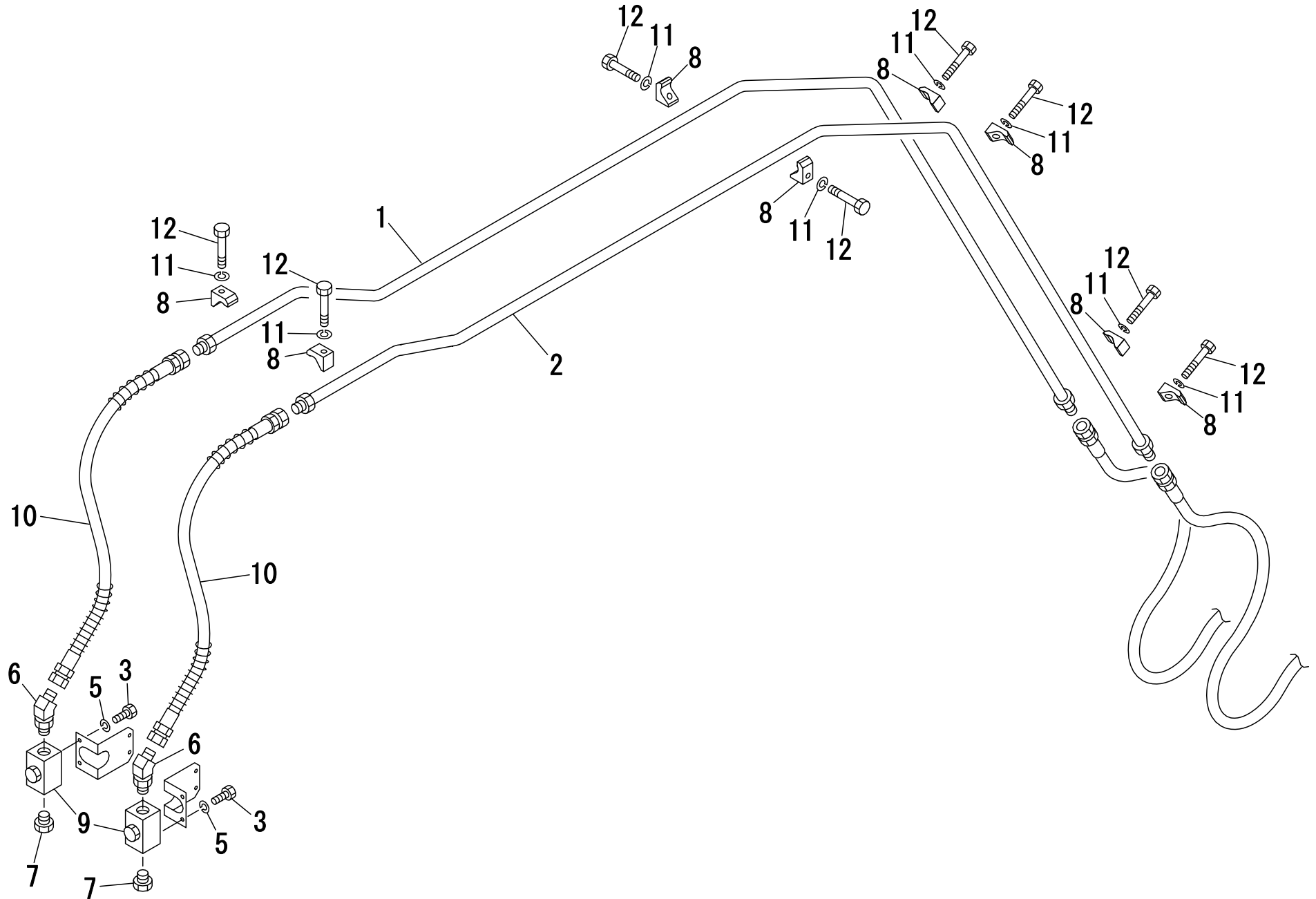
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	ARM Remarks
		ARM ASSY					
		ARM ASSY, middle					
		ARM ASSY, middle (for Huppen)					
		ARM ASSY, long					
		ARM ASSY, ARM, middle (for U.S.)					
1	0566162100	ARM (1780mm)	1				
	0566163100	ARM, middle (1960mm)	1				
	0566163600	ARM, middle (1960mm)(for Huppen)	1				
	0566164100	ARM, long (2130mm)	1				
	0566165100	ARM, long (2130mm)(for U.S.)	1				
1-20	0002400098	· BUSHING	4				
1-21	0002400070	· BUSHING	2				
1-22	1432200050	· SEAL, dust	4				
1-23	1432200070	· SEAL, dust	2				
2	0566104000	LINK, bucket	1				
2-2	0002400025	· BUSHING	2				
2-3	0002100028	· BUSHING	2				
2-4	1432200050	· SEAL, dust	6				
3	0566117500	LINK, guide (R.H.)	1				
	0566142710	LINK, guide (R.H.)	1				for Huppen
4	0566117600	LINK, guide (L.H.)	1				
	0566142720	LINK, guide (L.H.)	1				for Huppen
5	0011595001	PIN	2				
6	0011025001	PIN	1				
7	0001735002	PIN	1				
8	0001615006	PIN	1				
9	0001618003	PIN	1				
10	1103041295	BOLT	5				
11	1103141220	BOLT	1				
12	1130240012	NUT	12				
13	1560001000	FITTING, grease	3				
14	1560001675	FITTING, grease	2				
15	1513300015	ELBOW	1				
	1420010180	· O-RING	1				
16	1432900048	O-RING	4				
17	1900109600	CYLINDER, bucket	1				
18	1804643092	HOSE ASSY	2				
	1804643109	HOSE ASSY	2				for middle arm
	1804643126	HOSE ASSY	2				for long arm
19	0003600154	SHIM	AR				t=1.0mm
20	0003600155	SHIM	AR				t=1.0mm
21	0003600216	SHIM	AR				t=1.0mm
25	1652533016	CAP	12				except for Huppen
26	1110040840	SCREW, cap	2				
27	1110040830	SCREW, cap	2				
28	1420010220	O-RING	1				
29	0566017380	ELBOW	1				
31	0003600215	SHIM	AR				t=0.5mm
32	0003600214	SHIM	AR				t=0.2mm
34	0003600265	SHIM	AR				t=1.0mm
35	0003600061	SHIM	AR				t=0.5mm
36	0003600060	SHIM	AR				t=0.2mm
	M1F050						



BUCKET

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	0566212000	BUCKET ASSY	1				
1	X *****	· BUCKET (750W)	1				
1-13	1914201101	· · ADAPTOR, tooth	4				
2	0566212200	· CUTTER, side (L.H.)	1				
3	0566212300	· CUTTER, side (R.H.)	1				
4	0566211400	· BUSHING	1				
5	0566211500	· PLATE	1				
6	0566211600	· FLANGE	1				
7	0566211700	· SHIM	AR				t=0.5mm
8	1914201102	· POINT, tooth	4				
9	1914201103	· PIN, lock	4				
10	1914201104	· PIN, lock	4				
11	1100052050	· BOLT	6				
12	1100051230	· BOLT	3				
13	1130050020	· NUT	6				
14	1140020012	· WASHER, spring	3				
15	1213000836	· PIN, spring	1				
	M1f060						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
AUXILIARY LINE



M1F070

Reference M1F070

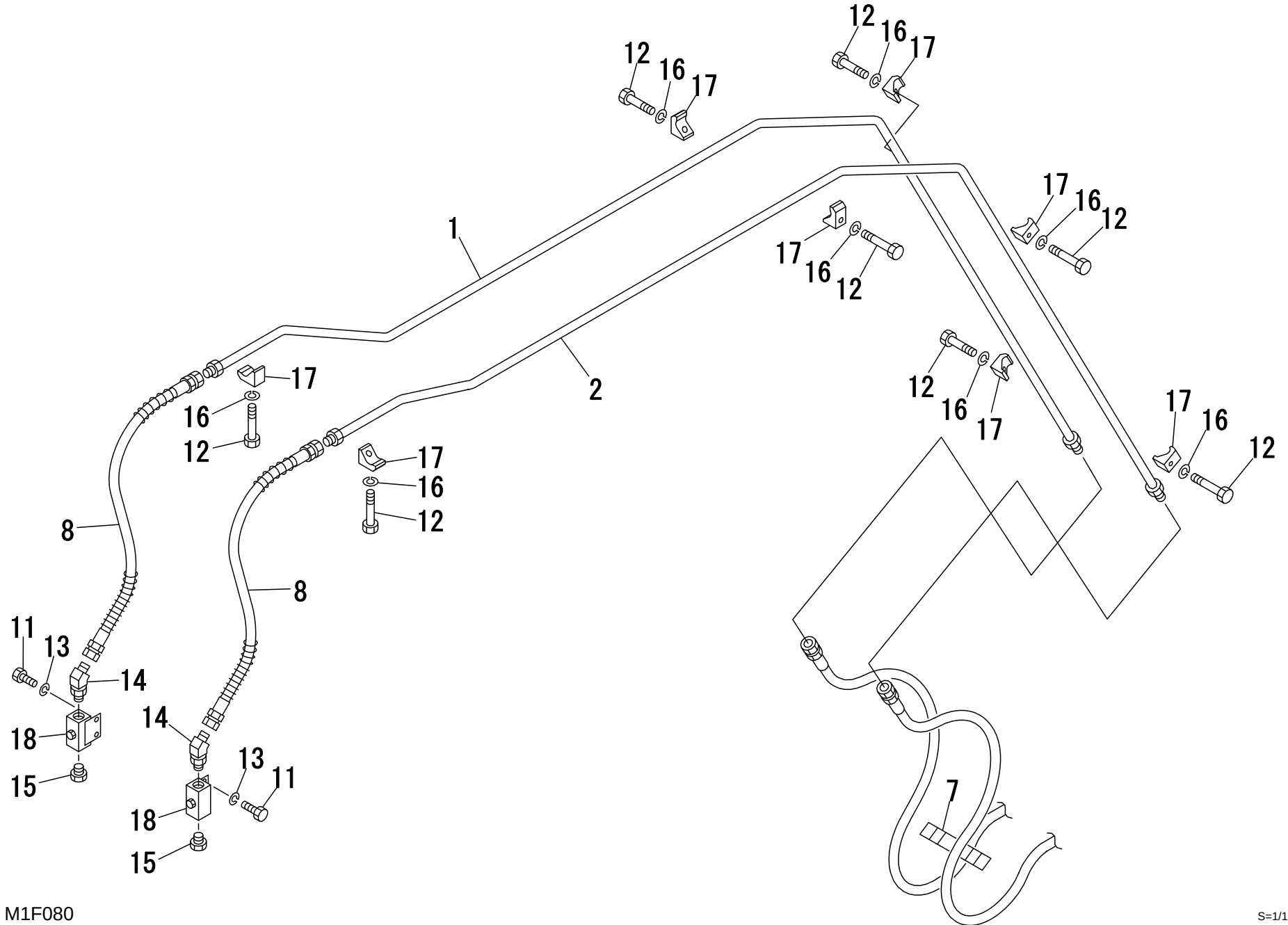
S=1/15

ページ 6-7

AUXILIARY LINE

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		AUXILIARY LINE ASSY					
		AUXILIARY LINE ASSY (for middle arm)					
		AUXILIARY LINE ASSY (for long arm)					
1	0567353010	PIPE (R.H.)	1				
2	0567353020	PIPE (L.H.)	1				
3	1100040820	BOLT	4				
5	1140020008	WASHER, spring	4				
6	1515100113	ELBOW	2				
	1420010240	· O-RING	1				
7	1515600503	PLUG	2				
	1420010240	· O-RING	1				
8	0567353008	CLAMP	8				
9	1901723700	VALVE , stop	2				
10	1801650128	HOSE ASSY	2				
	1801650144	HOSE ASSY	2				for middle arm
	1801650158	HOSE ASSY	2				for long arm
11	1140020012	WASHER, spring	8				
12	1100041255	BOLT	8				
	M1F070						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
2ND AUXILIARY LINE



M1F080

Reference M1F080

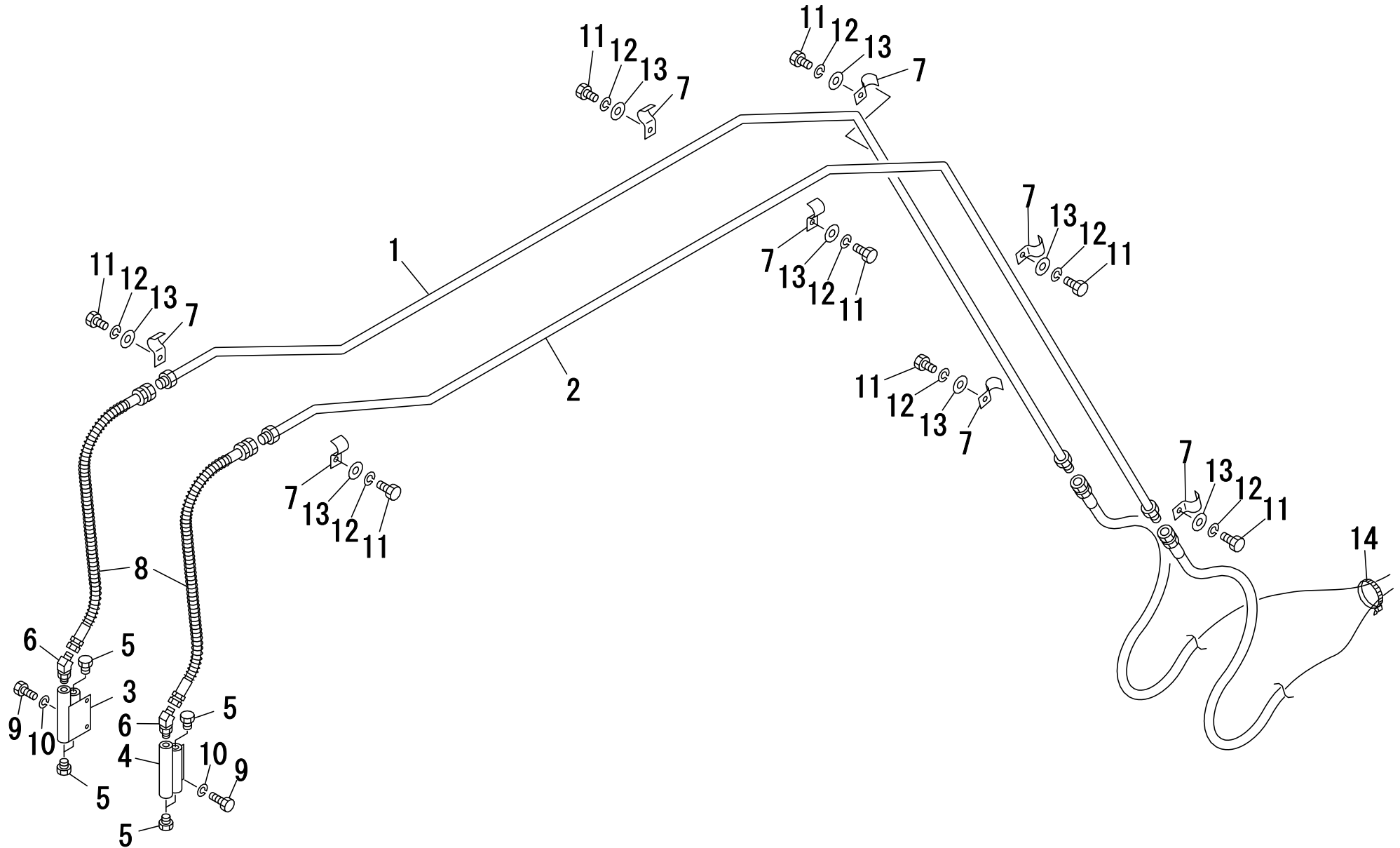
S=1/15

ページ 6-8

2ND AUXILIARY LINE

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		LINE ASSY, 2nd aux.					
		LINE ASSY, 2nd aux. (for middle arm)					
		LINE ASSY, 2nd aux. (for long arm)					
1	0567353310	PIPE (R.H.)	1				
2	0567353320	PIPE (L.H.)	1				
7	0567353307	RUBBER	1				
8	1801640115	HOSE ASSY	2				
	1801640131	HOSE ASSY	2				for middle arm
	1801640146	HOSE ASSY	2				for long arm
11	1100040816	BOLT	4				
12	1100041250	BOLT	8				
13	1140020008	WASHER, spring	4				
14	1515100112	ELBOW	2				
	1420010180	· O-RING	1				
15	1501750004	PLUG	2				
	1420010180	· O-RING	1				
16	1140020012	WASHER, spring	8				
17	0566066713	CLAMP	8				
18	1901719800	VALVE, stop	2				
	M1f080						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
3RD AUXILIARY LINE



M1F090

Reference M1F090

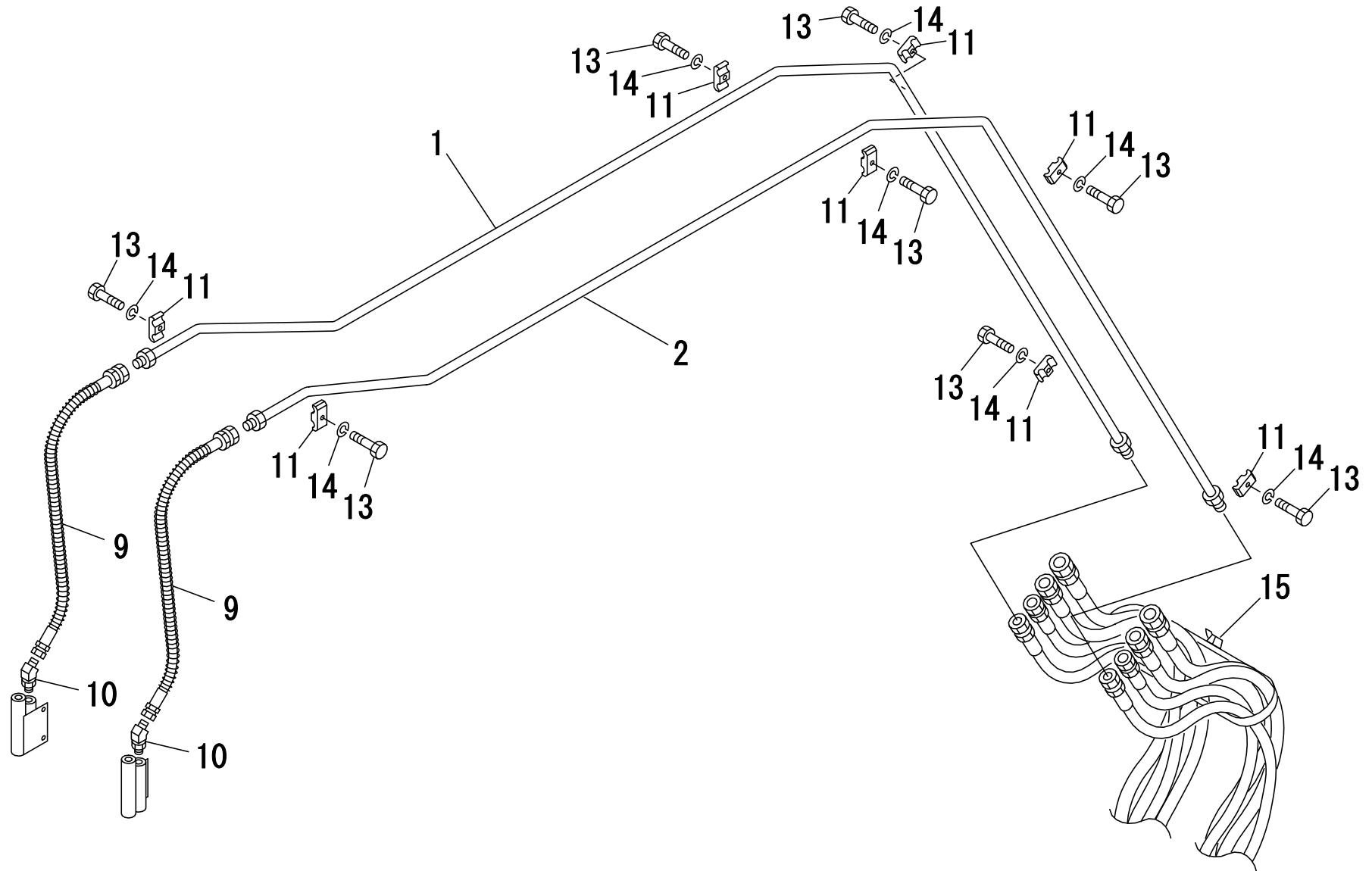
S=1/15

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3RD AUXILIARY LINE

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		LINE ASSY, 3rd aux.					
		LINE ASSY, 3rd aux. (for middle arm)					
		LINE ASSY, 3rd aux. (for long arm)					
1	0567353610	PIPE (R.H.)	1				
2	0567353620	PIPE (L.H.)	1				
3	0567346430	ADAPTOR (R.H.)	1				
4	0567346440	ADAPTOR (L.H.)	1				
5	1501750002	PLUG	6				
	1420010110	· O-RING	1				
6	1515100110	ELBOW	2				
	1420010110	· O-RING	1				
7	0567353607	CLAMP	8				
8	1801600102	HOSE ASSY	2				
	1801600120	HOSE ASSY	2				for middle arm
	1801600135	HOSE ASSY	2				for long arm
9	1100040816	BOLT	4				
10	1140020008	WASHER, spring	4				
11	1100041020	BOLT	8				
12	1140020010	WASHER, spring	8				
13	1141110012	WASHER	8				
14	1652201005	BAND	1				
	M1f090						

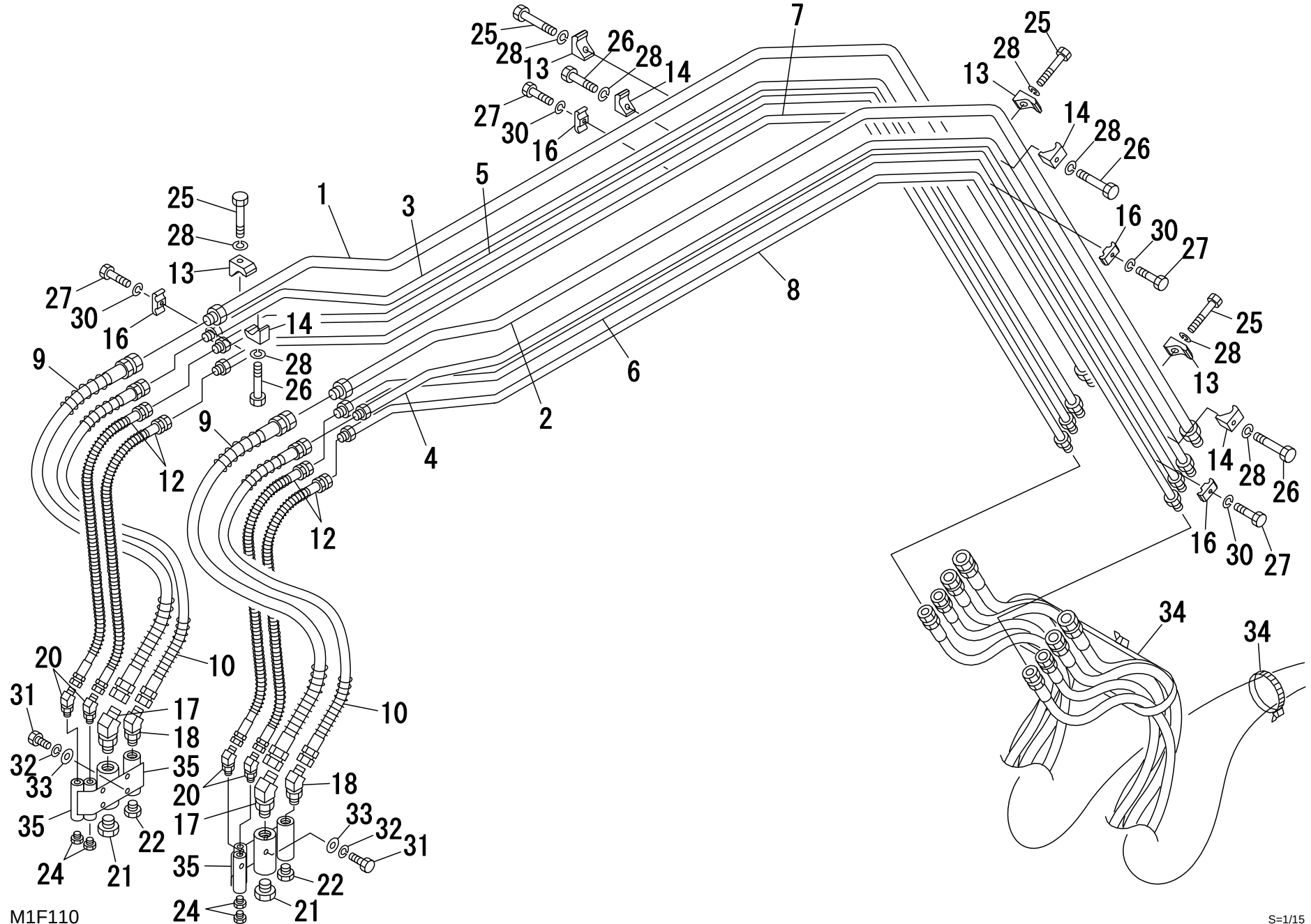
TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
4TH AUXILIARY LINE



4TH AUXILIARY LINE

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
		LINE ASSY, 4th aux.					
		LINE ASSY, 4th aux. (for middle arm)					
		LINE ASSY, 4th aux. (for long arm)					
1	0567353910	PIPE (R.H.)	1				
2	0567353920	PIPE (L.H.)	1				
9	1801600102	HOSE ASSY	2				
	1801600120	HOSE ASSY	2				for middle arm
	1801600135	HOSE ASSY	2				for long arm
10	1515100110	ELBOW	2				
	1420010110	· O-RING	1				
11	0567353901	CLAMP	8				
13	1100041040	BOLT	8				
14	1140020010	WASHER, spring	8				
15	1652201007	BAND	1				
	M1f100						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
4TH AUXILIARY LINE (for Huppen)



M1F110

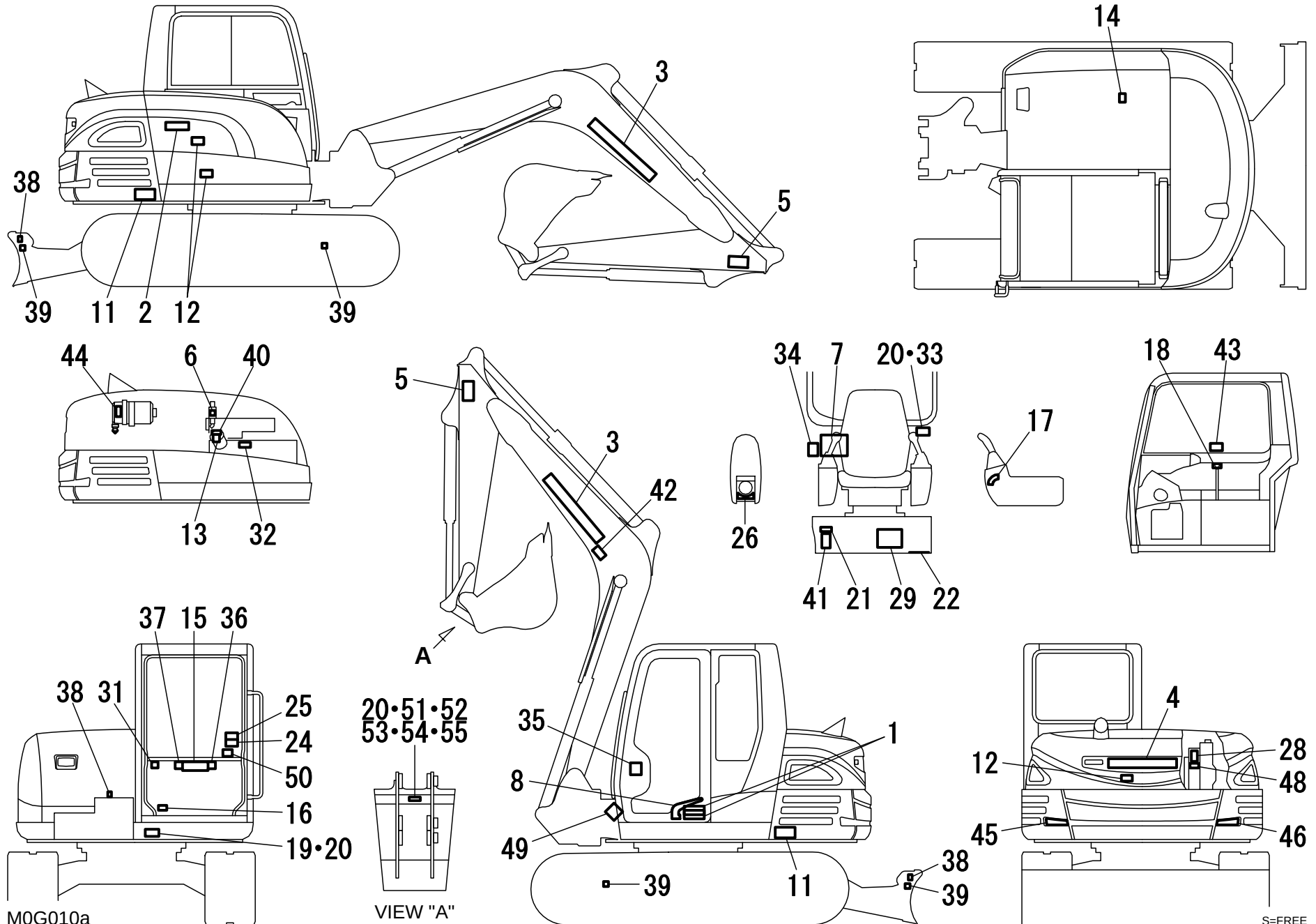
Reference M1F110

S=1/15

4TH AUXILIARY LINE (for Huppen)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
	0567354200	AUXILIARY LINE ASSY (for Huppen)	1				
1	0567353010	PIPE (R.H.)	1				
2	0567353020	PIPE (L.H.)	1				
3	0567353310	PIPE (R.H.), 2nd aux.	1				
4	0567353320	PIPE (L.H.), 2nd aux.	1				
5	0567353610	PIPE (R.H.), 3rd aux.	1				
6	0567353620	PIPE (L.H.), 3rd aux.	1				
7	0567353910	PIPE (R.H.), 4th aux.	1				
8	0567353920	PIPE (L.H.), 4th aux.	1				
9	1801650144	HOSE ASSY	2				
10	1801640131	HOSE ASSY	2				
12	1801600120	HOSE ASSY	4				
13	0567353008	CLAMP	8				
14	0566066713	CLAMP	8				
16	0567353901	CLAMP	8				
17	1515100113	ELBOW	2				
	1420010240	· O-RING	1				
18	1515100112	ELBOW	2				
	1420010180	· O-RING	1				
20	1515100110	ELBOW	4				
	1420010110	· O-RING	1				
21	1515600503	PLUG	2				
	1420010240	· O-RING	1				
22	1501750004	PLUG	2				
	1420010180	· O-RING	1				
24	1501750002	PLUG	4				
	1420010110	· O-RING	1				
25	1100041255	BOLT	8				
26	1100041250	BOLT	8				
27	1100041040	BOLT	8				
28	1140020012	WASHER, spring	16				
30	1140020010	WASHER, spring	8				
31	1100040820	BOLT	8				
32	1140020008	WASHER, spring	8				
33	1141110008	WASHER	8				
34	1652201007	BAND	2				
35	0567354210	ADAPTOR	2				
	M1f110						

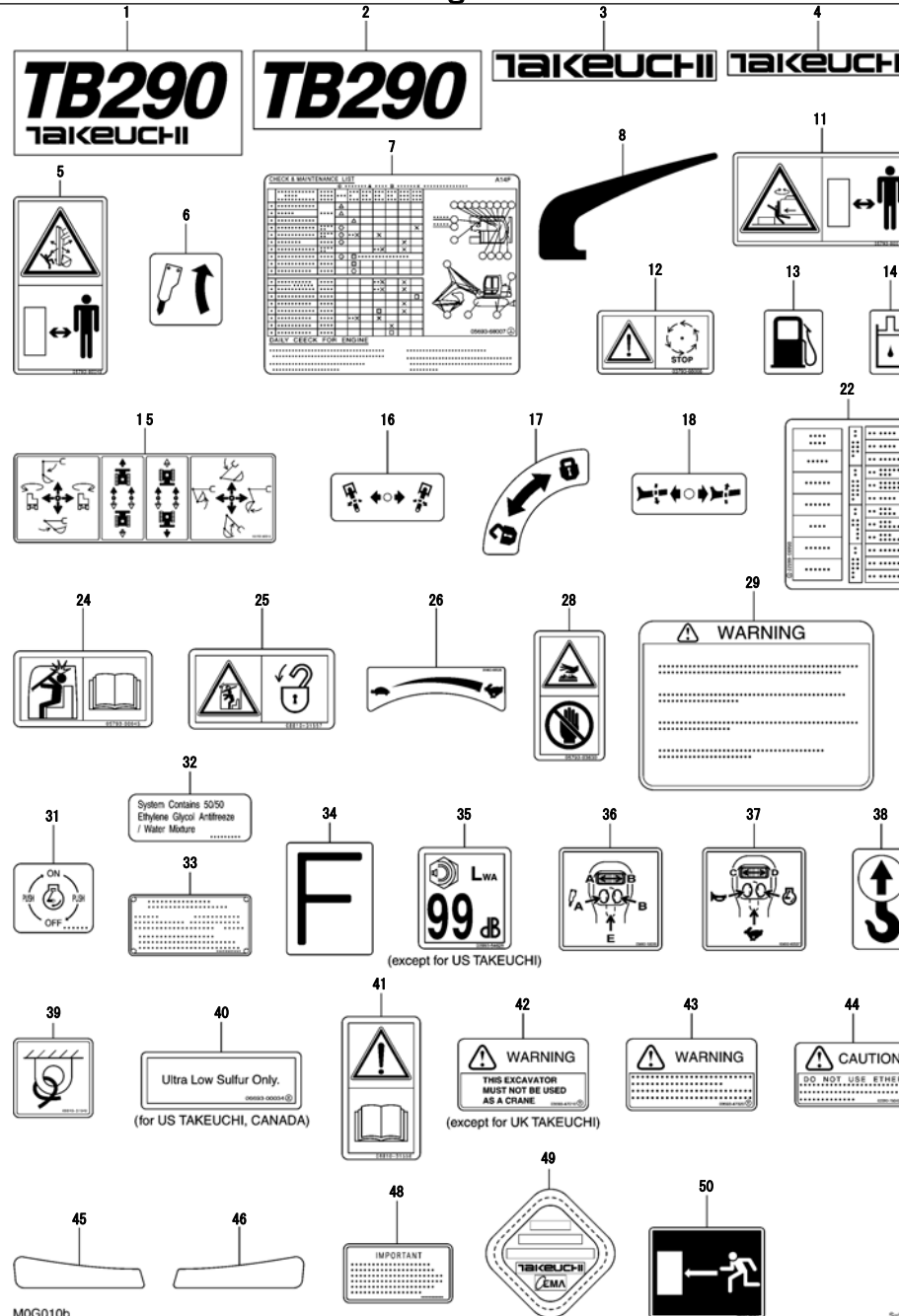
TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
DECAL



M0G010a

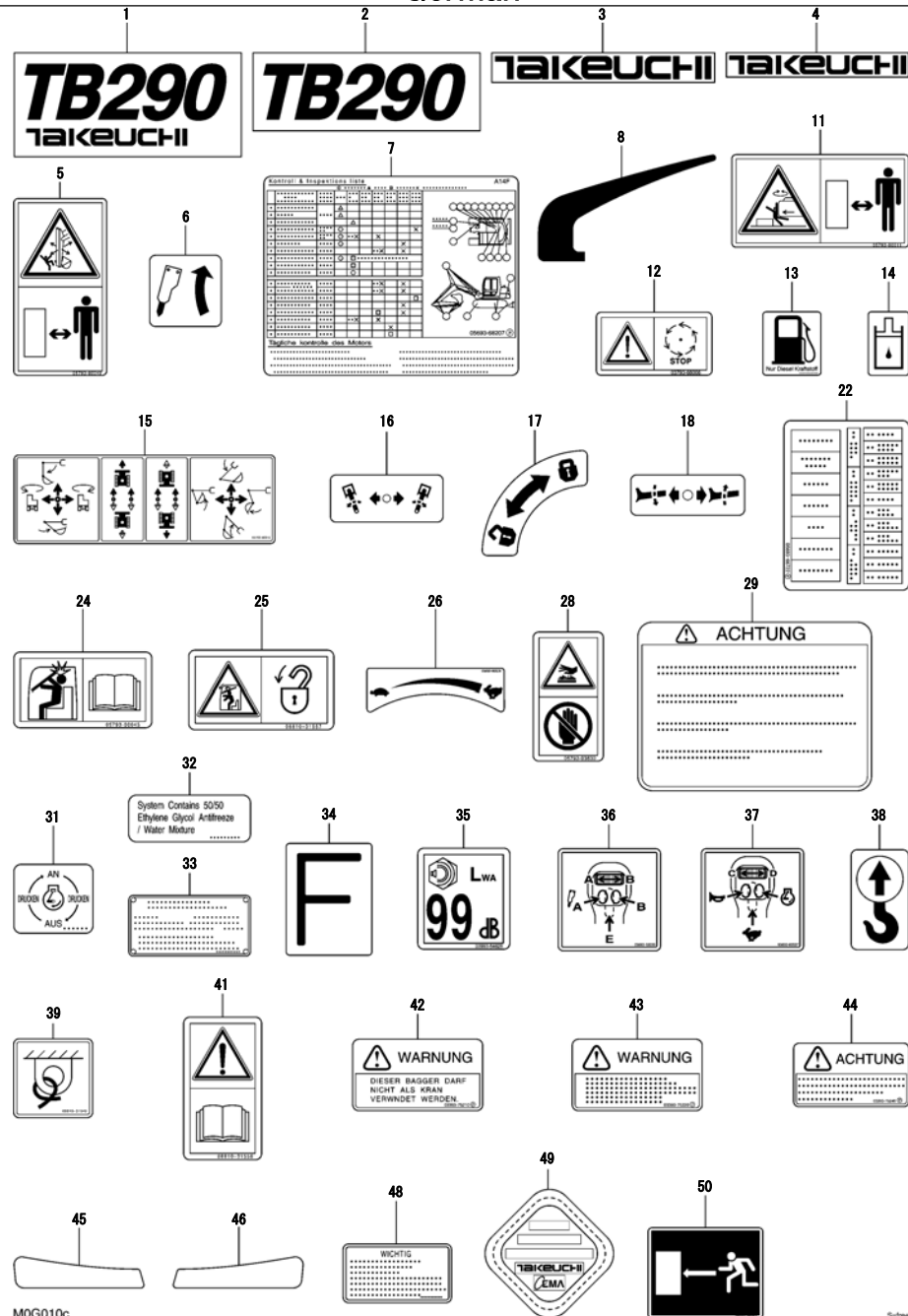
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S=FREE



M0G010b

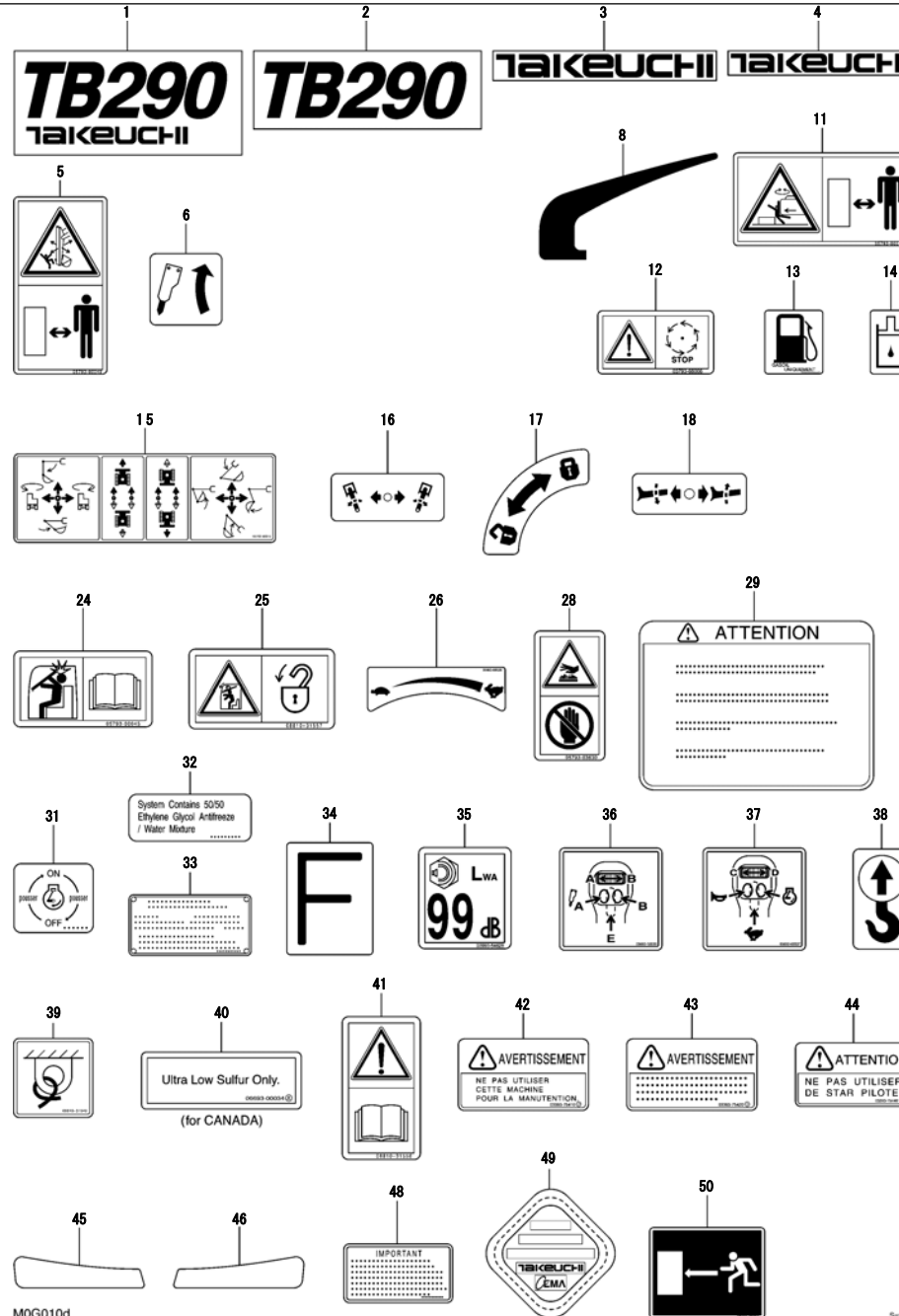
Schae



MOG010c

Schae

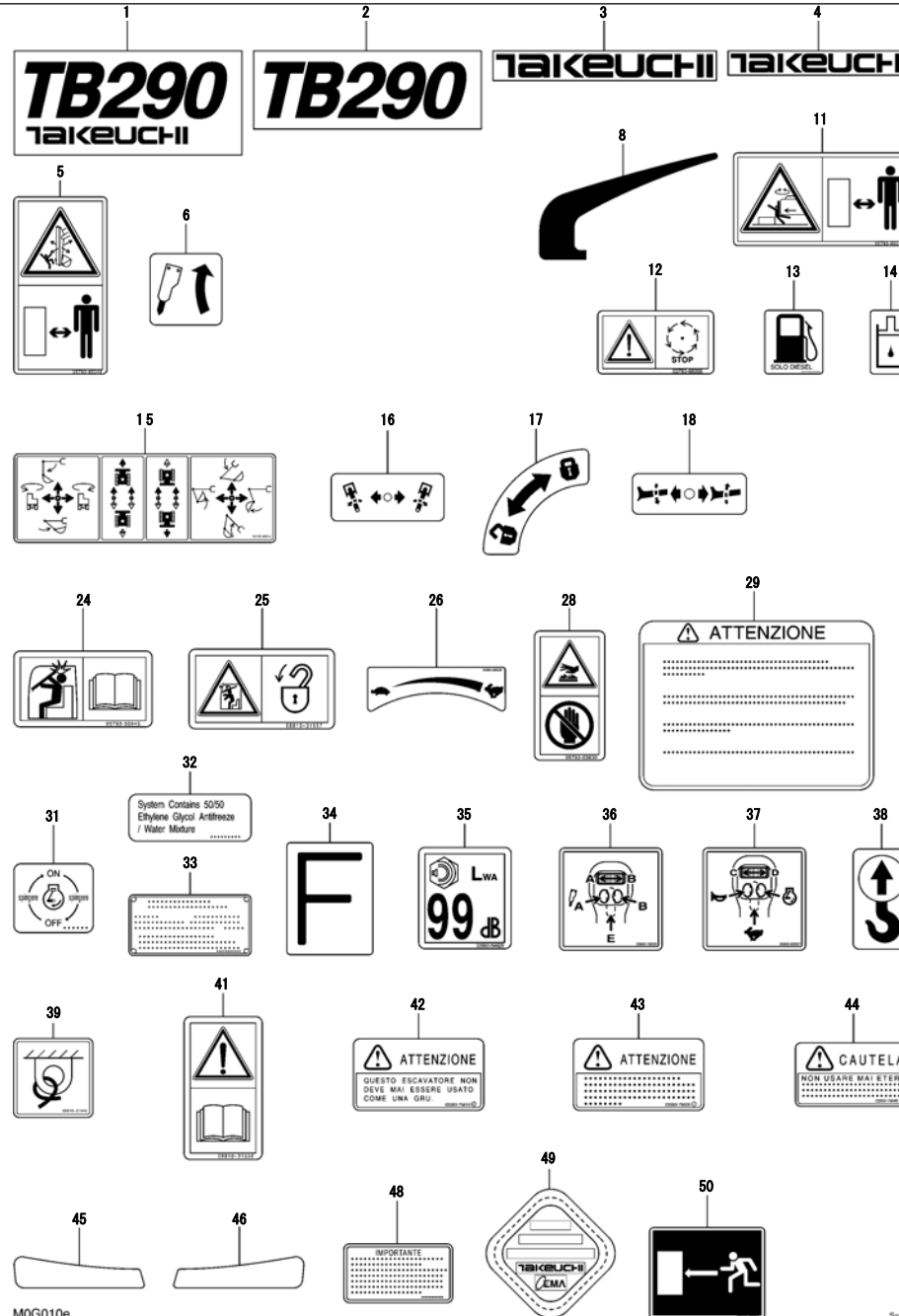
TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
French



M0G010d

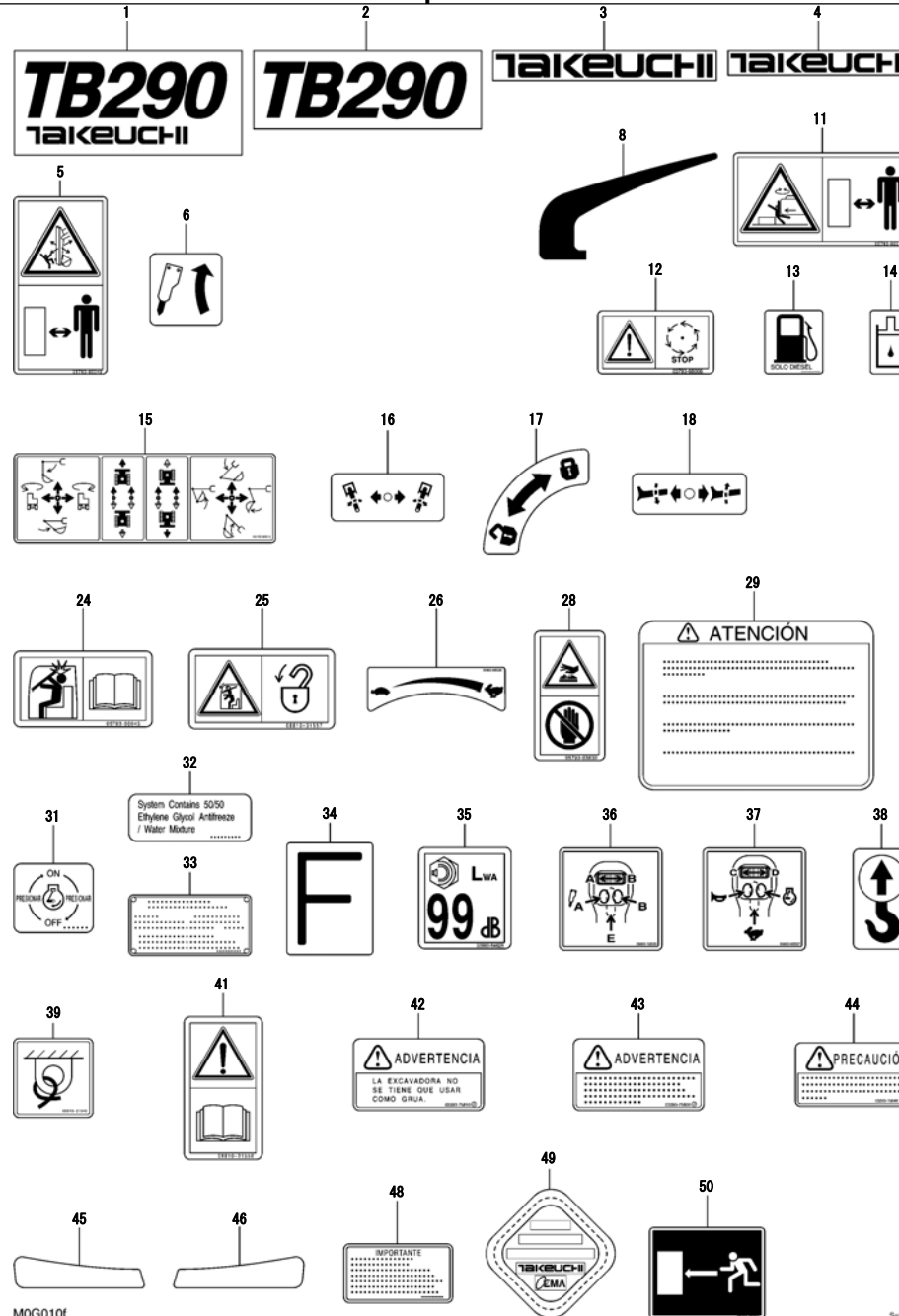
Scania

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
Italian



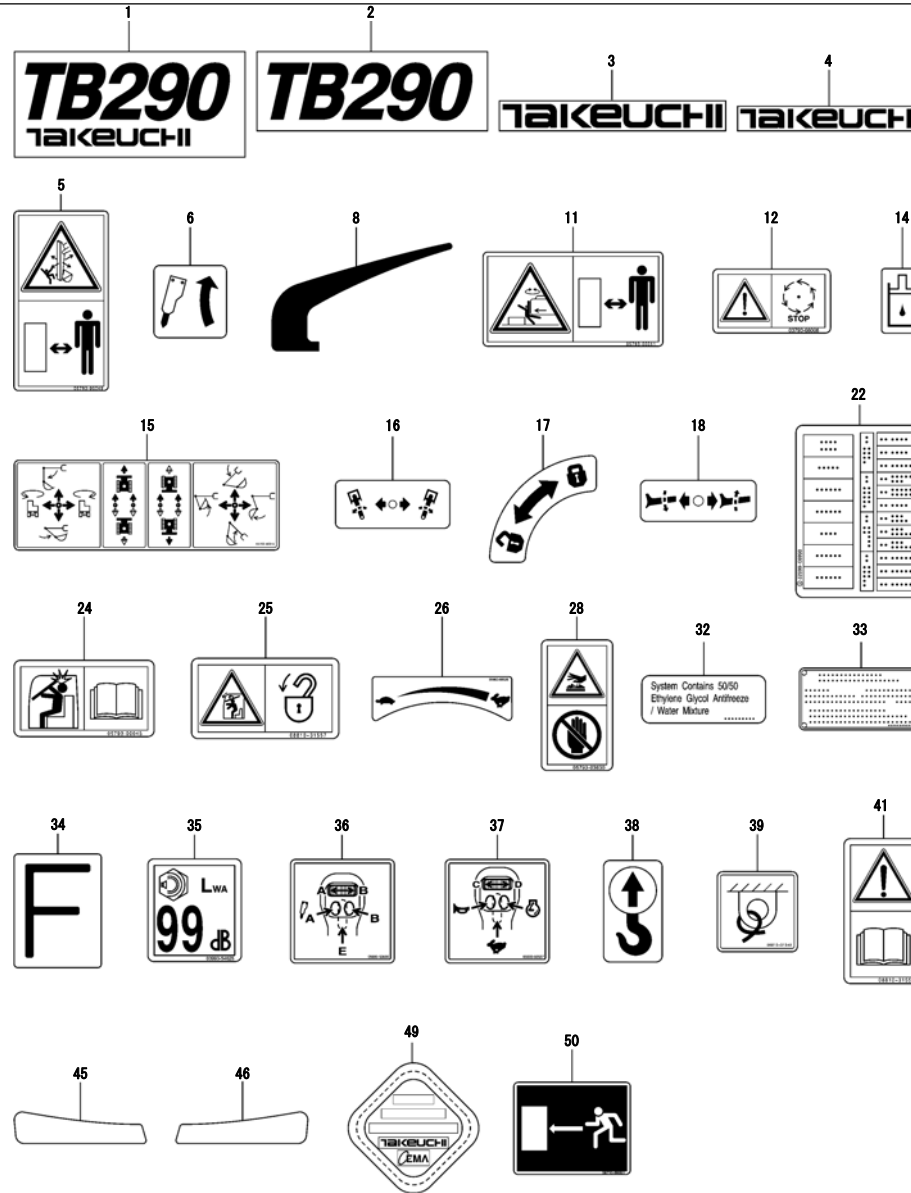
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Schae



MOG010f

Scania

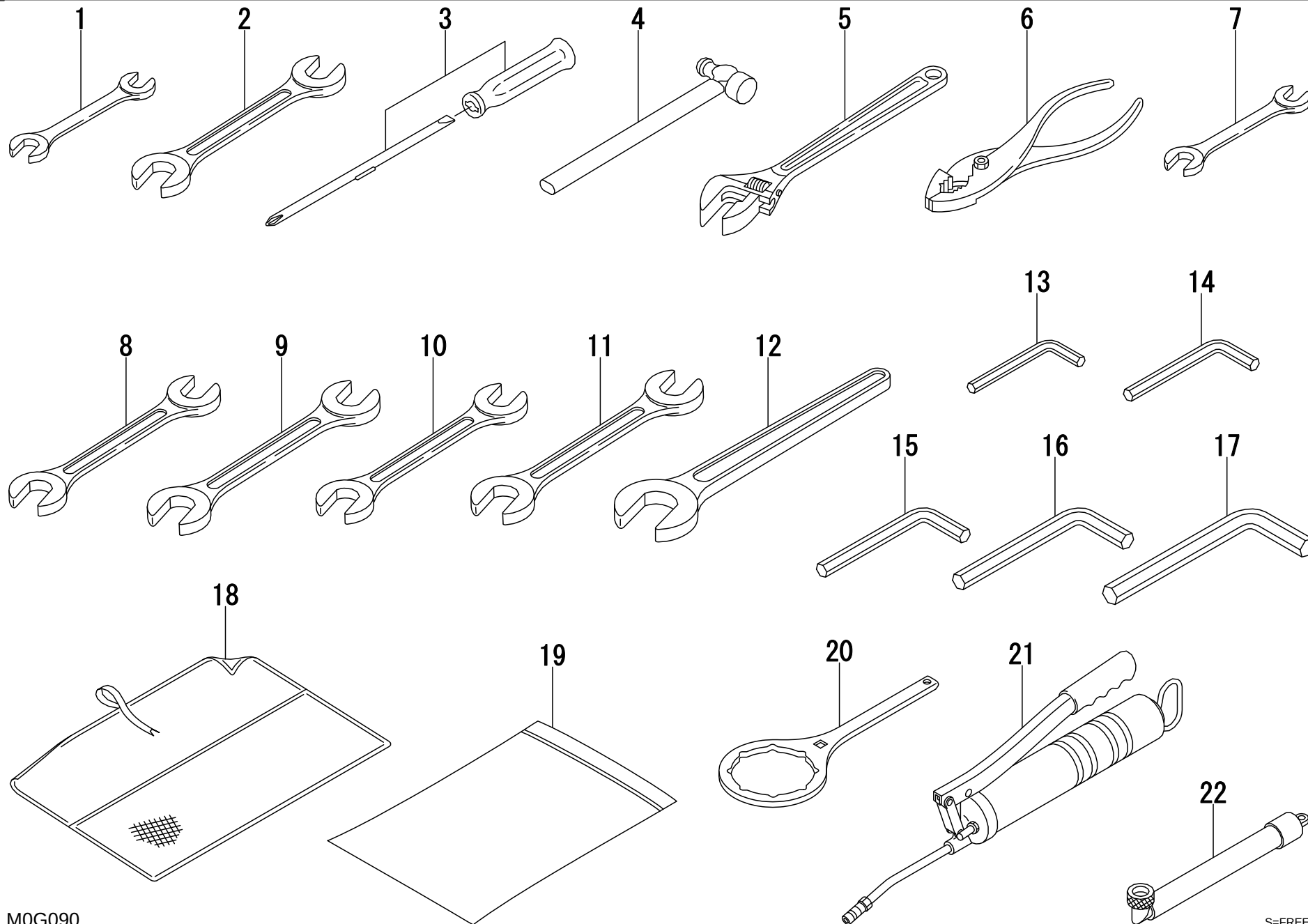


DECAL					
Item	Part number	Description	Q'ty	Chan.	Serial No. Serv. Remarks
0	0569368000	DECAL SET (U.S.TAKEUCHI)	1		
	0569368100	DECAL SET (English)	1		
	0569368200	DECAL SET (German)	1		
	0569368300	DECAL SET (French)	1		
	0569368400	DECAL SET (Italian)	1		
	0569368500	DECAL SET (Spanish)	1		
	0569368600	DECAL SET (Dutch)	1		
	0569368800	DECAL SET (U.K.TAKEUCHI)	1		
	0569368900	DECAL SET (CANADA; English)	1		
	0569369000	DECAL SET (CANADA; French)	1		
1	0569368001	• DECAL	2		
2	0569368002	• DECAL	1		
3	0008500073	• DECAL	2		
4	0008500060	• DECAL	1		
5	0579300049	• DECAL	2		
6	0359325220	• DECAL	1		
7	0569368007	• DECAL (English)	1		
	0569368207	• DECAL (German)	1		
8	0569366501	• DECAL	1		
11	0579300011	• DECAL	2		
12	0379366006	• DECAL	3		
13	0359306600	• DECAL (English)	1		
	0339375260	• DECAL (German)	1		
	0339375460	• DECAL (French)	1		
	0339375660	• DECAL (Italian, Spanish)	1		
14	0359306700	• DECAL	1		
15	0579300015	• DECAL	1		
16	0329360060	• DECAL	1		
17	0329360100	• DECAL	1		
18	0359325190	• DECAL	1		
19	X *****	• DECAL	1		
20	X *****	• SCREW	12		
21	X *****	• DECAL	1		
22	0569366522	• DECAL (English, Dutch)	1		
	0569366722	• DECAL (German)	1		
24	0579300045	• DECAL	1		
25	0881031557	• DECAL	1		
26	0569366526	• DECAL	1		
28	0579303630	• DECAL	1		
29	0359313700	• DECAL (English)	1		
	0359314700	• DECAL (German)	1		
	0359315700	• DECAL (French)	1		
	0359316700	• DECAL (Italian)	1		
	0359365323	• DECAL (Spanish)	1		
31	0569335060	• DECAL (English)	1		
	0569327800	• DECAL (German)	1		
	0569328800	• DECAL (French)	1		
	0569329800	• DECAL (Italian)	1		
	0569348500	• DECAL (Spanish)	1		
32	0359313900	• DECAL	1		
33	X *****	• DECAL	1		
34	0399300400	• DECAL	1		
35	X *****	• DECAL (except for U.S. TAKEUCHI)	1		LWA99
36	0569353036	• DECAL	1		
37	0569366537	• DECAL	1		
38	0399300500	• DECAL	3		

DECAL						
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv. Remarks
39	0881031549	• DECAL	4			
40	0669300034	• DECAL (U.S. TAKEUCHI, CANADA)	1			
41	0881031556	• DECAL	1			
42	0359347010	• DECAL (English)	1			except for U.K. TAKEUCHI
	0339375210	• DECAL (German)	1			
	0339375410	• DECAL (French)	1			
	0339375610	• DECAL (Italian)	1			
	0339375810	• DECAL (Spanish)	1			
43	0359347020	• DECAL (English)	1			
	0339375220	• DECAL (German)	1			
	0339375420	• DECAL (French)	1			
	0339375620	• DECAL (Italian)	1			
	0339375820	• DECAL (Spanish)	1			
44	0339375040	• DECAL	1			
	0339375240	• DECAL (German)	1			
	0339375440	• DECAL (French)	1			
	0339375640	• DECAL (Italian)	1			
	0339375840	• DECAL (Spanish)	1			
45	0569366545	• DECAL	1			
46	0569366546	• DECAL	1			
48	0339376240	• DECAL (English)	1			
	0339376340	• DECAL (German)	1			
	0339379440	• DECAL (French)	1			
	0339379540	• DECAL (Italian)	1			
	0339379640	• DECAL (Spanish)	1			
49	X *****	• DECAL	1			
50	0871086051	• DECAL	1			
51	X *****	• DECAL (except for U.S. TAKEUCHI, CANADA)	1			
52	X *****	• DECAL (except for U.S. TAKEUCHI, CANADA)	1			
53	X *****	• DECAL (except for U.S. TAKEUCHI, CANADA)	1			
54	X *****	• DECAL (except for U.S. TAKEUCHI, CANADA)	1			
55	X *****	• DECAL (except for U.S. TAKEUCHI, CANADA)	1			

M0g010

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
TOOL & ACCESSORIES



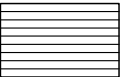
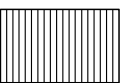
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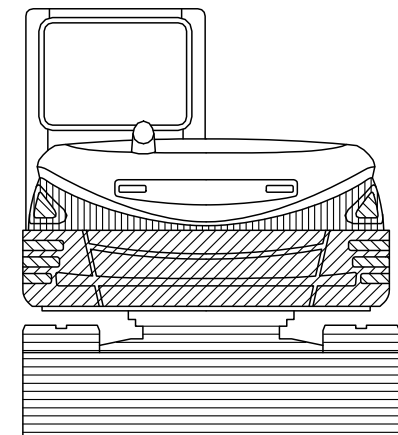
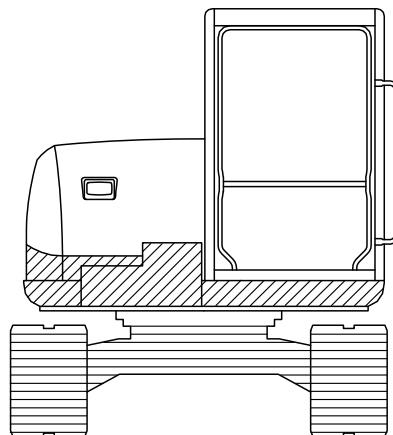
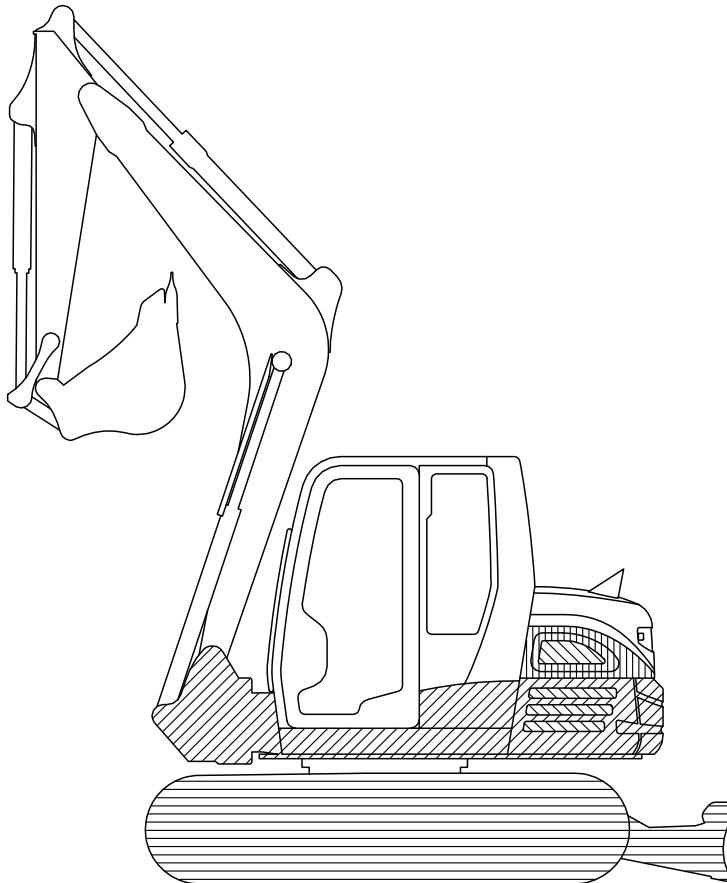
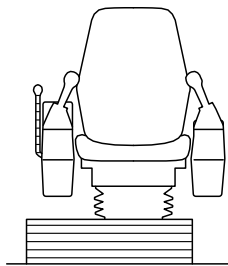
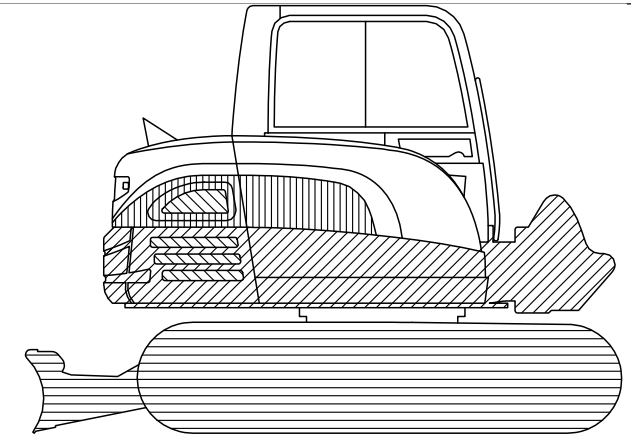
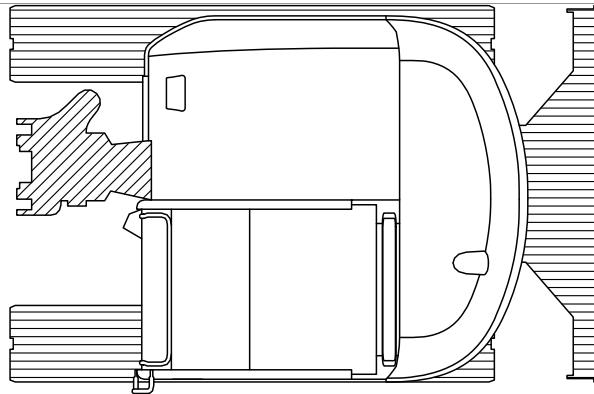
Reference M0G090

TOOL & ACCESSORIES

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0-1	0569223050	TOOL SET	1				
1	1690001012	TOOL ASSY	1				
2	1690001417	· SPANNER	1				
3	1690220205	· SCREWDRIVER	1				
4	1690300330	· HAMMER	1				
5	1690400250	· WRENCH, monkey	1				
6	1690500200	· PLIER	1				
7	1690001013	· SPANNER	1				
8	1690001922	· SPANNER	1				
9	1690002427	· SPANNER	1				
10	1690002730	· SPANNER	1				
11	1690003236	· SPANNER	1				
12	1690100041	· SPANNER	1				
13	1690600500	· WRENCH, hex	1				
14	1690600600	· WRENCH, hex	1				
15	1690600800	· WRENCH, hex	1				
16	1690601000	· WRENCH, hex	1				
17	1690601200	· WRENCH, hex	1				
18	1691400001	· CASE, tool	1				
19	1691900001	· CASE	1				
20	1691903560	· WRENCH, filter	1				
21	1691060610	GUN, grease	1				
22	1554512601	TUBE	1				
	M0g090						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
PAINTED COLOR

- ① 
- ② 
- ③ 
- ⑧ 
- ⑨ 

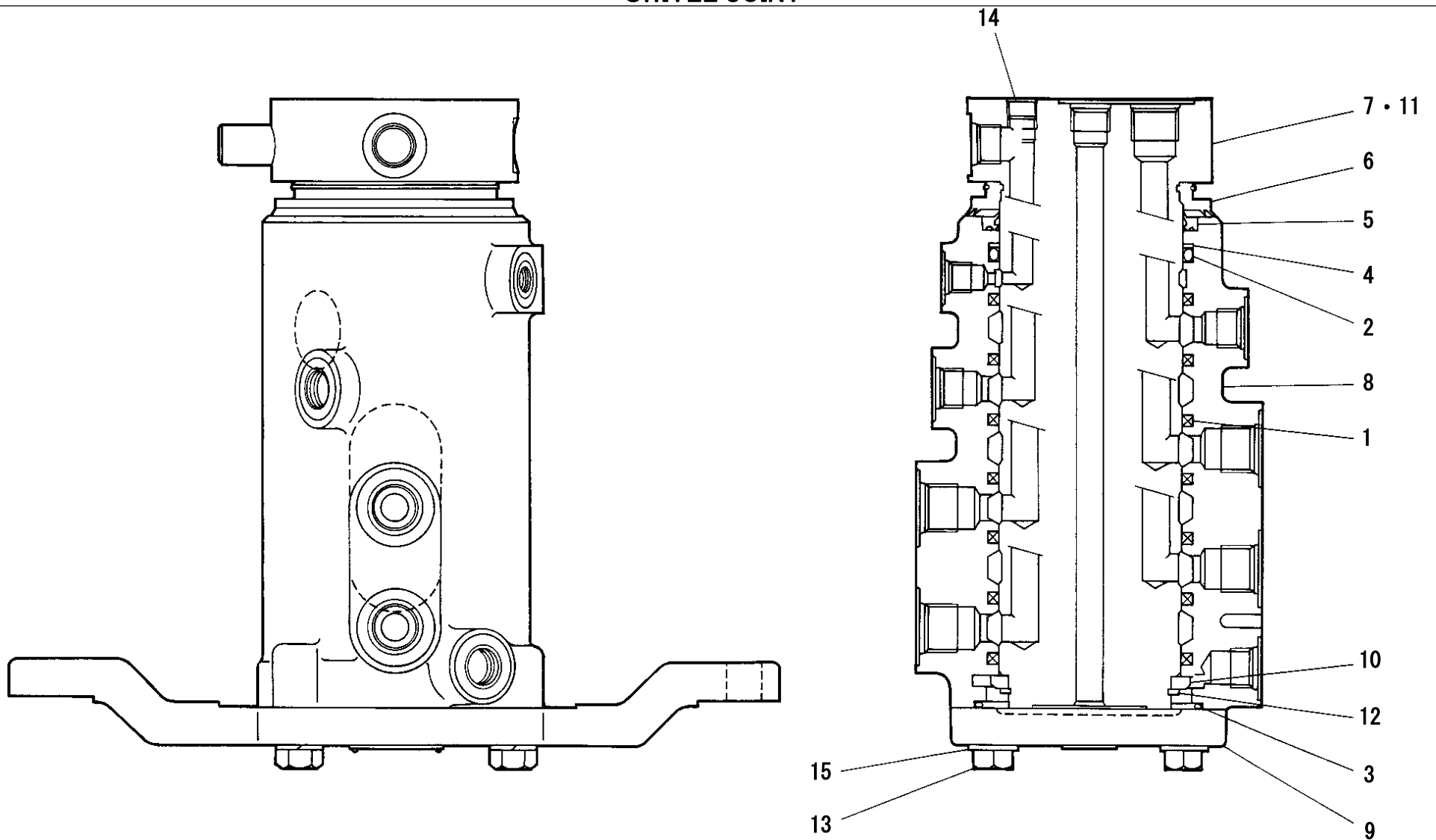


M0G080

Reference M0G080

S=FREE

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	PAINTED COLOR	
							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	
5	1919060090	ORANGE YELLOW	1				FITTING, grease	
8	1919060172	BLACK	1					
	1919069172	BLACK	1				spray	
9	1919060158	SILVER GRAY	1					
	1919069158	SILVER GRAY	1				spray	
		<<NOTE>>						
		The part of the steel crawler uses item 2.						
	M0g080							

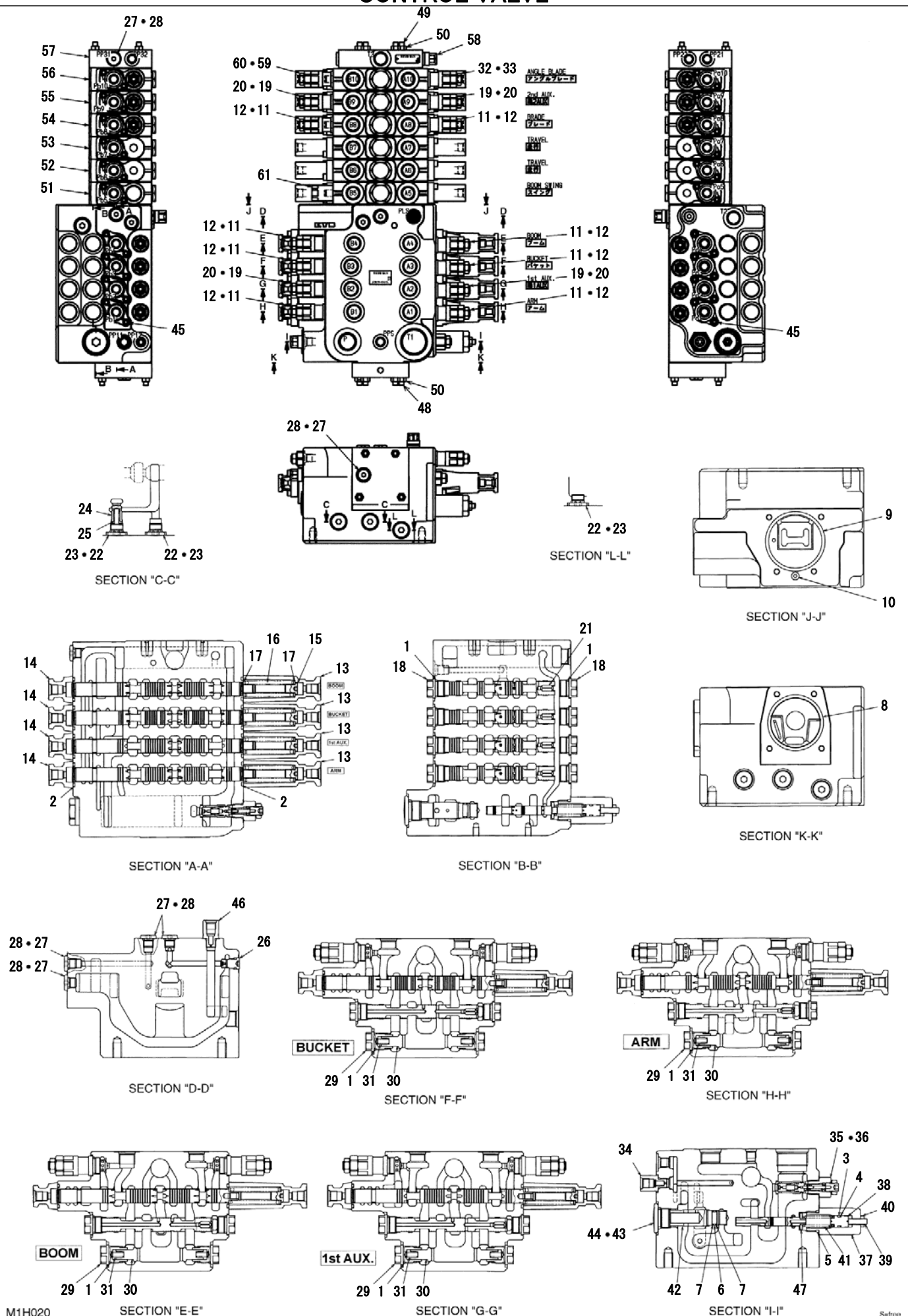


L2H010

SWIVEL JOINT

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1904008000	JOINT, swivel	1				
0-1	1904008099	• KIT, seal	1				
1	X 1904008006	• • SEAL	7				
2	X 1420010800	• • O-RING	1				
3	X 1420110950	• • O-RING	1				
4	X 1421030800	• • RING, back-up	1				
5	X 1904000494	• • SEAL, dust	1				
6	X 1904002391	• • SEAL, dust	1				
7	1904007401	• SHAFT	1				
8	1904007402	• HUB	1				
9	1904003621	• FLANGE	1				
10	1904003691	• SPACER	1				
11	1904007405	• PIN	1				
12	1220000072	• RING, snap	1				
13	1100051030	• BOLT	4				
14	1501810002	• PLUG	3				
15	1140010010	• WASHER, spring	4				
	L2h010						

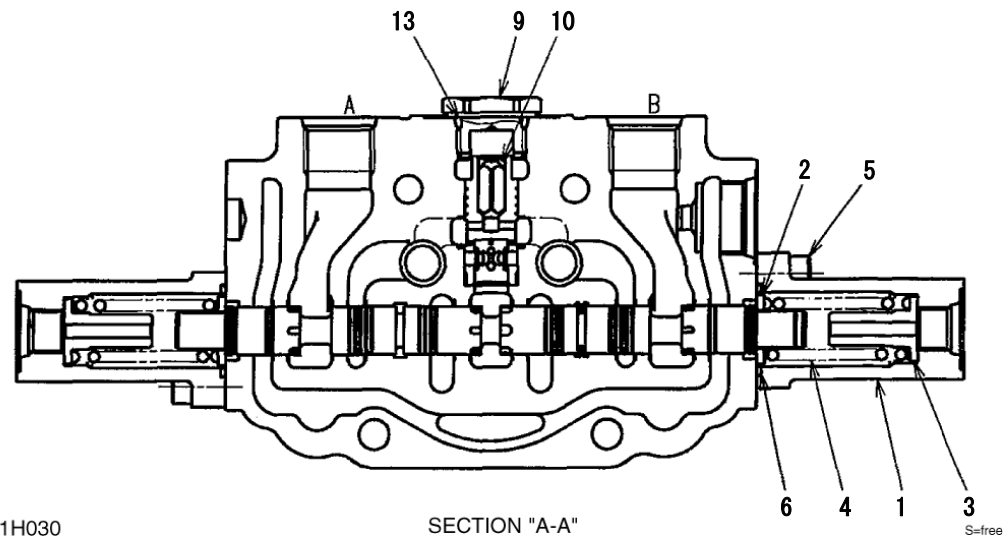
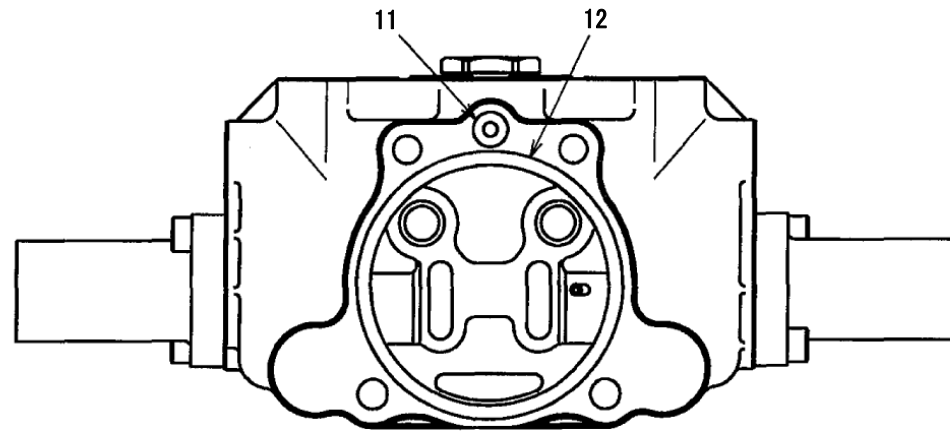
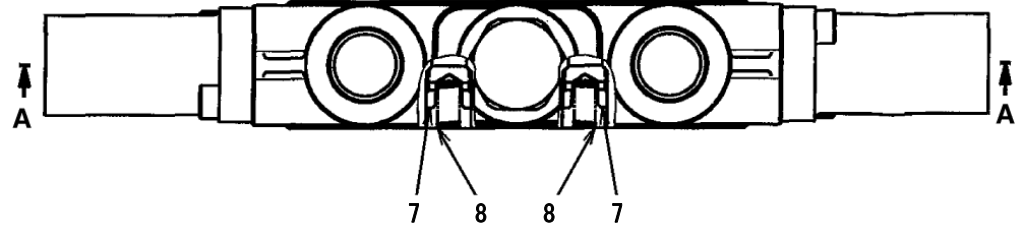
TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
CONTROL VALVE



CONTROL VALVE

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1901049100	VALVE ASSY, control	1				
	1901050300	VALVE ASSY, control (angle blade type)	1				
0-1	1901049199	• KIT, seal	1				
1	X 1901025482	• • O-RING	16				
2	X 1420000260	• • O-RING	8				
3	X 1420010120	• • O-RING	1				
4	X 1421020120	• • RING, back-up	1				
5	X 1420010240	• • O-RING	1				
6	X 1420010160	• • O-RING	1				
7	X 1421020160	• • RING, back-up	2				
8	X 1420100700	• • O-RING	1				
9	X 1420100750	• • O-RING	1				
10	X 1420010070	• • O-RING	1				
11	1901049121	• VALVE, relief	8				
12	1420310910	• • O-RING	1				
13	1901049166	• CAP	4				
14	1901043467	• CAP	4				
15	1901049131	• END, spool	4				
16	1901049156	• SPRING	4				
17	1901029754	• HOLDER, spring	8				
18	1901049171	• PLUG	8				
19	1901049122	• VALVE, relief	4				
20	1420310910	• • O-RING	1				
21	1901049191	• POPPET	4				
22	1901036678	• PLUG ASSY	3				
23	1420010140	• • O-RING	1				
24	1901049190	• POPPET	1				
25	1901031860	• SPRING	1				
26	1901049172	• PLUG ASSY	1				
27	1901036573	• PLUG ASSY	6				
28	1420010110	• • O-RING	1				
29	1901049173	• PLUG	8				
30	1901042226	• POPPET	8				
31	1901042256	• SPRING	8				
32	1901050321	• VALVE, relief	1				angle blade type
33	1420310910	• • O-RING	1				
34	1901047991	• PLUG ASSY	1				
35	1901049123	• VALVE, relief	1				
36	1901025481	• • O-RING	1				
37	1901049174	• PLUG	1				
38	1901049192	• STOPPER	1				
39	1901049193	• SET-SCREW	1				
40	1901049194	• NUT	1				
41	1901049157	• SPRING	1				
42	1901049196	• SLEEVE	1				
43	1901042279	• PLUG ASSY	1				
44	1420010240	• • O-RING	1				
45	1110020620	• SCREW, cap	16				
46	1901049175	• PLUG ASSY	1				
47	1901049151	• SEAT, spring	1				
48	1901049107	• ROD, tie	4				
49	1901049108	• ROD, tie	4				
	1901049109	• ROD, tie	4				angle blade type
50	1901034907	• NUT	8				
51	1901049118	• BLOCK ASSY, NO. 1	1				swing
52	1901049115	• BLOCK ASSY, NO. 2	1				travel-R.H.
53	1901049116	• BLOCK ASSY, NO. 3	1				travel-L.H.
54	1901049117	• BLOCK ASSY, NO. 4	1				blade
55	1901049119	• BLOCK ASSY, NO. 5	1				2nd auxiliary
56	1901050310	• BLOCK ASSY, NO. 6	1				angle blade
57	1901049104	• HOUSING, outlet	1				
58	1901047991	• • PLUG ASSY	1				
59	1901050322	• VALVE, relief	1				angle blade type
60	1420310910	• • O-RING	1				
61	1901042625	• VALVE, anti-void	1				
	M1h020						

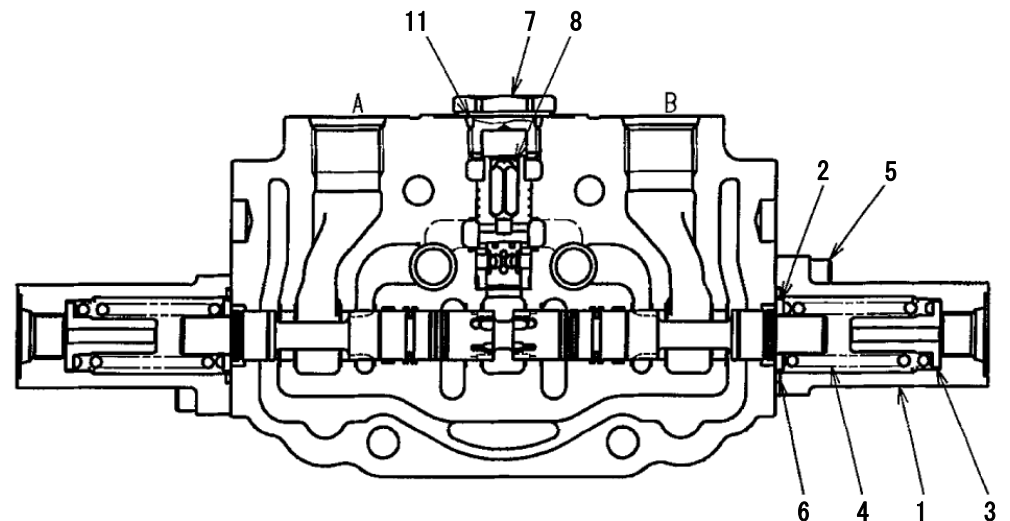
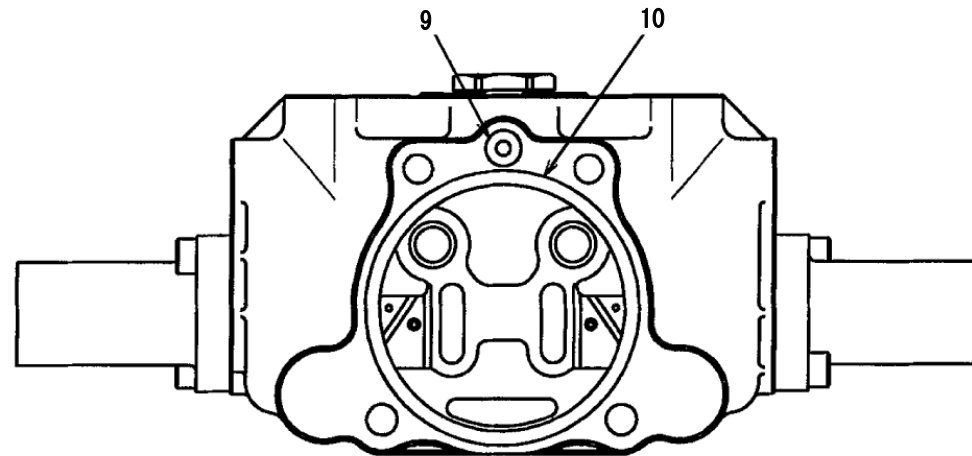
TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
BLOCK ASSY; No. 1 (swing)



BLOCK ASSY; No. 1 (swing)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1901049118	BLOCK ASSY, NO. 1	1				swing
1	1901043266	· CAP	2				
2	1901029754	· HOLDER, spring	2				
3	1901043231	· HOLDER, spring	2				
4	1901043256	· SPRING	2				
5	1110020618	· SCREW, cap	4				
6	1420500240	· O-RING	2				
7	1901049126	· POPPET	2				
8	1901034239	· SPRING	2				
9	1901049127	· PLUG	1				
10	1901049191	· POPPET	1				
11	1420010070	· O-RING	1				
12	1420100750	· O-RING	1				
13	1420010180	· O-RING	1				
	M1h030						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
BLOCK ASSY; No. 2 (travel-R.H.)



M1H040

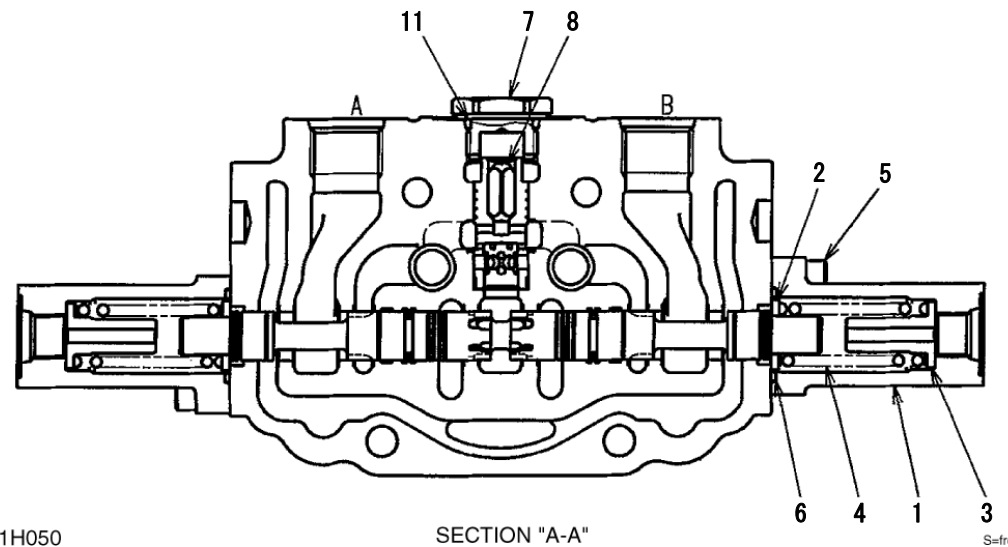
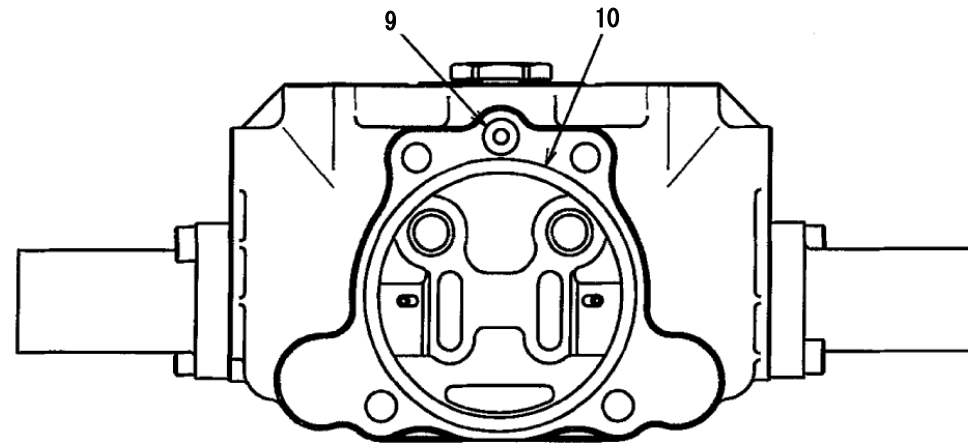
SECTION "A-A"

S=free

BLOCK ASSY; No. 2 (travel-R.H.)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1901049115	BLOCK ASSY, NO. 2	1				travel-R.H.
1	1901043266	· CAP	2				
2	1901029754	· HOLDER, spring	2				
3	1901043231	· HOLDER, spring	2				
4	1901043256	· SPRING	2				
5	1110020618	· SCREW, cap	4				
6	1420500240	· O-RING	2				
7	1901049127	· PLUG	1				
8	1901049191	· POPPET	1				
9	1420010070	· O-RING	1				
10	1420100750	· O-RING	1				
11	1420010180	· O-RING	1				
	M1h040						

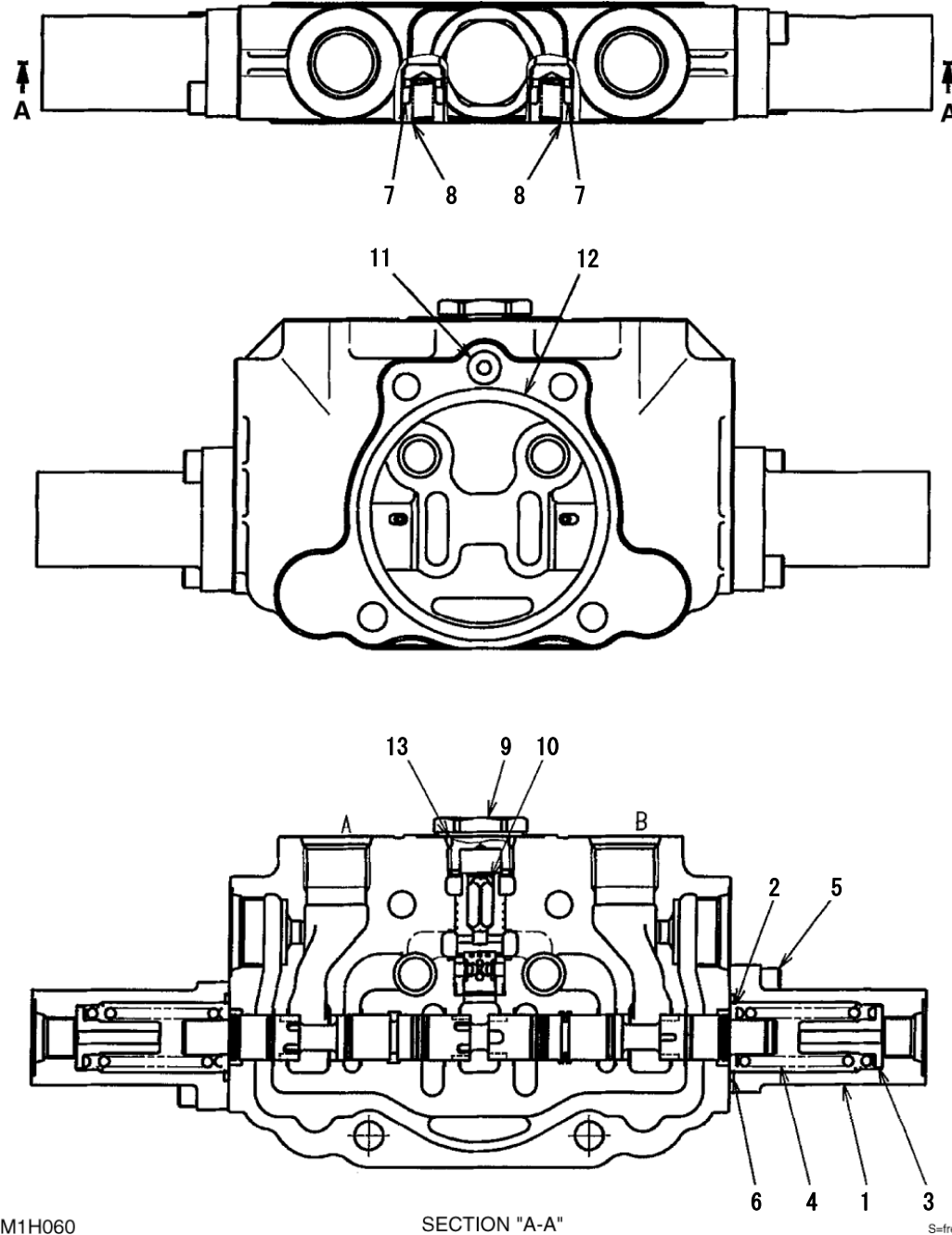
TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
BLOCK ASSY; No. 3 (travel-L.H.)



BLOCK ASSY; No. 3 (travel-L.H.)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1901049116	BLOCK ASSY, NO. 3	1				travel-L.H.
1	1901043266	· CAP	2				
2	1901029754	· HOLDER, spring	2				
3	1901043231	· HOLDER, spring	2				
4	1901043256	· SPRING	2				
5	1110020618	· SCREW, cap	4				
6	1420500240	· O-RING	2				
7	1901049127	· PLUG	1				
8	1901049191	· POPPET	1				
9	1420010070	· O-RING	1				
10	1420100750	· O-RING	1				
11	1420010180	· O-RING	1				
	M1h050						

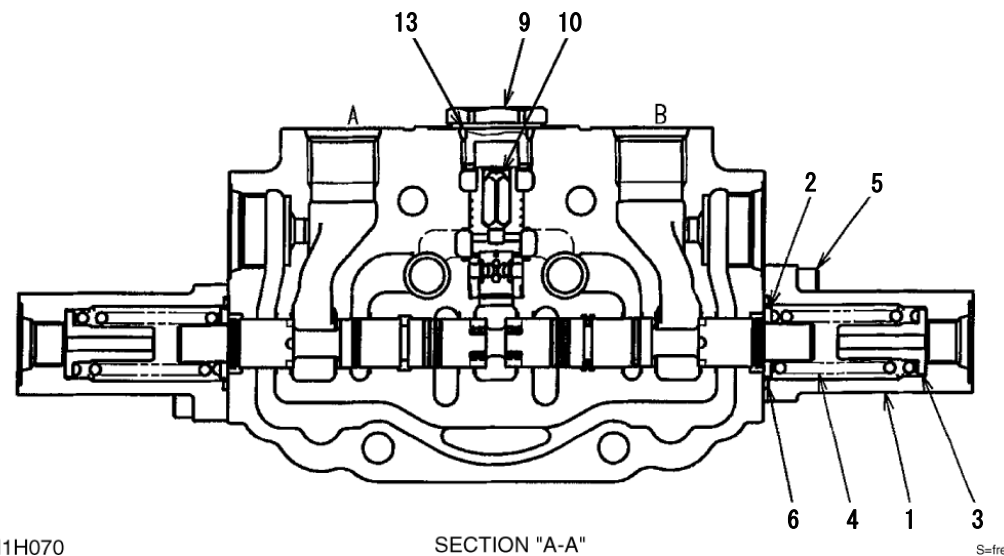
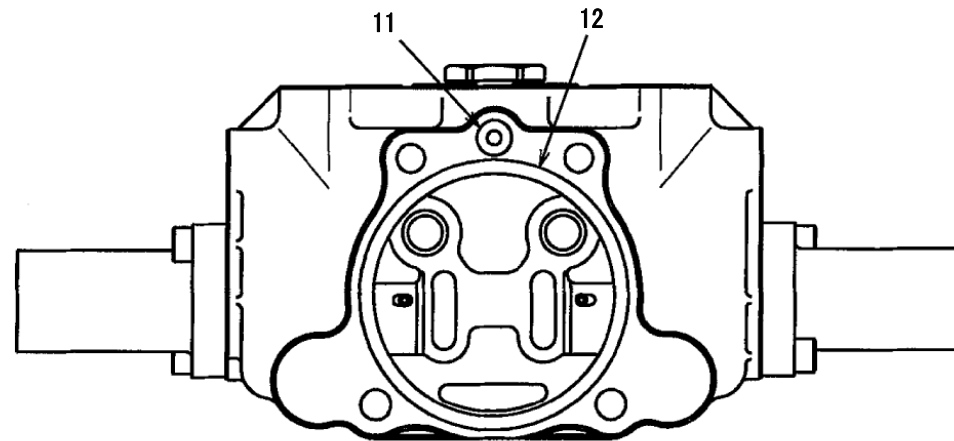
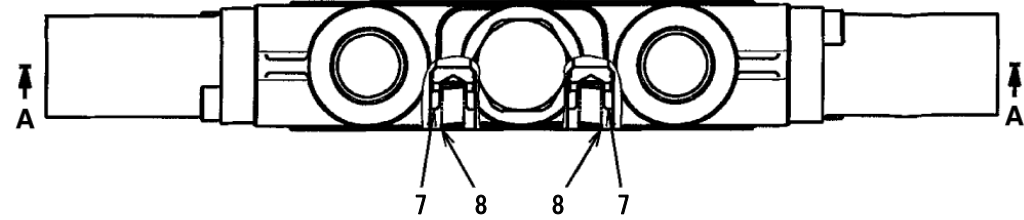
TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
BLOCK ASSY; No. 4 (blade)



BLOCK ASSY; No. 4 (blade)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1901049117	BLOCK ASSY, NO. 4	1				blade
1	1901043266	· CAP	2				
2	1901029754	· HOLDER, spring	2				
3	1901043231	· HOLDER, spring	2				
4	1901043256	· SPRING	2				
5	1110020618	· SCREW, cap	4				
6	1420500240	· O-RING	2				
7	1901049126	· POPPET	2				
8	1901034239	· SPRING	2				
9	1901049127	· PLUG	1				
10	1901049191	· POPPET	1				
11	1420010070	· O-RING	1				
12	1420100750	· O-RING	1				
13	1420010180	· O-RING	1				
	M1h060						

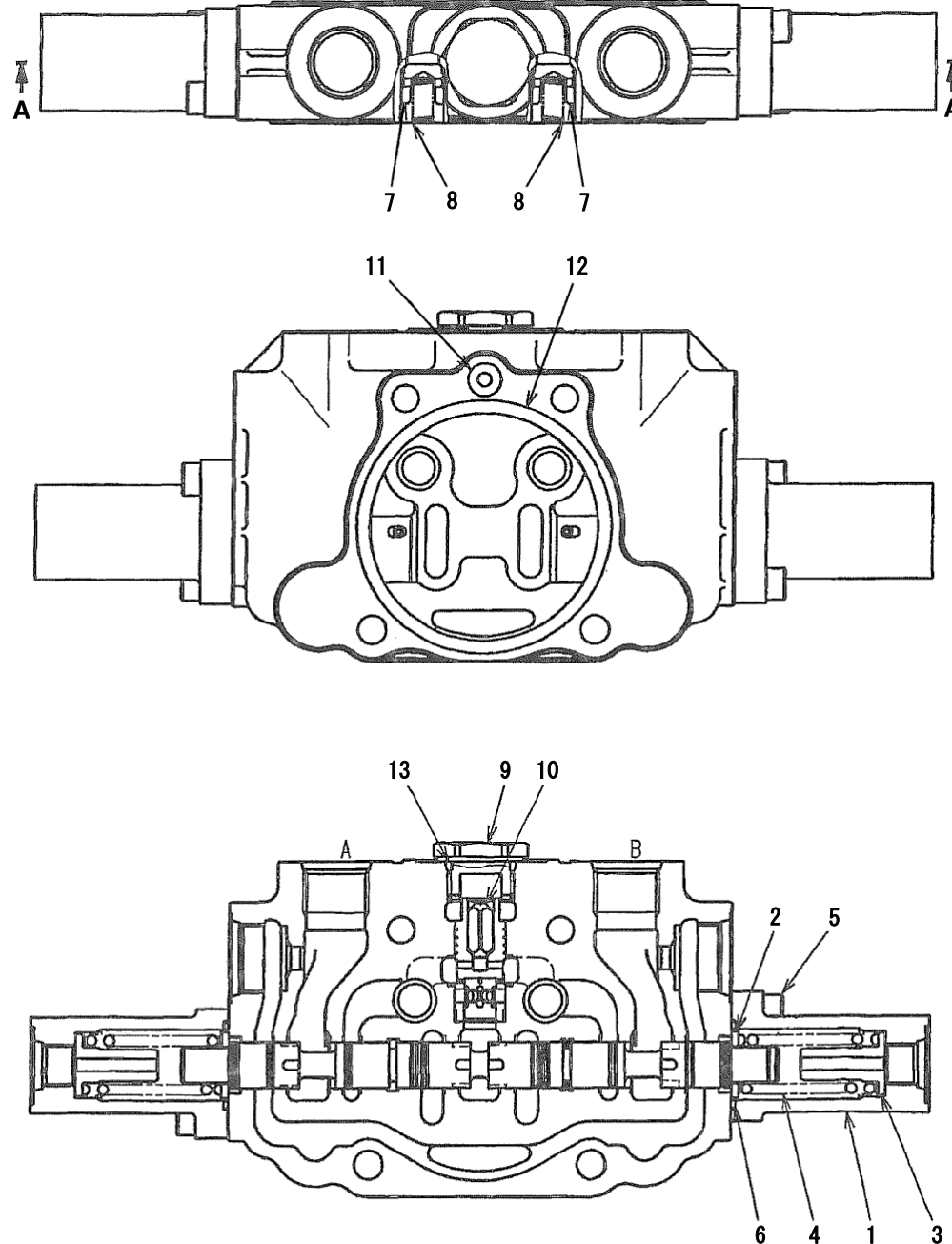
TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
BLOCK ASSY; No. 5 (2nd auxiliary)



BLOCK ASSY; No. 5 (2nd auxiliary)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1901049119	BLOCK ASSY, NO. 5	1				2nd auxiliary
1	1901043266	· CAP	2				
2	1901029754	· HOLDER, spring	2				
3	1901043231	· HOLDER, spring	2				
4	1901043256	· SPRING	2				
5	1110020618	· SCREW, cap	4				
6	1420500240	· O-RING	2				
7	1901049126	· POPPET	2				
8	1901034239	· SPRING	2				
9	1901049127	· PLUG	1				
10	1901049191	· POPPET	1				
11	1420010070	· O-RING	1				
12	1420100750	· O-RING	1				
13	1420010180	· O-RING	1				
	M1h070						

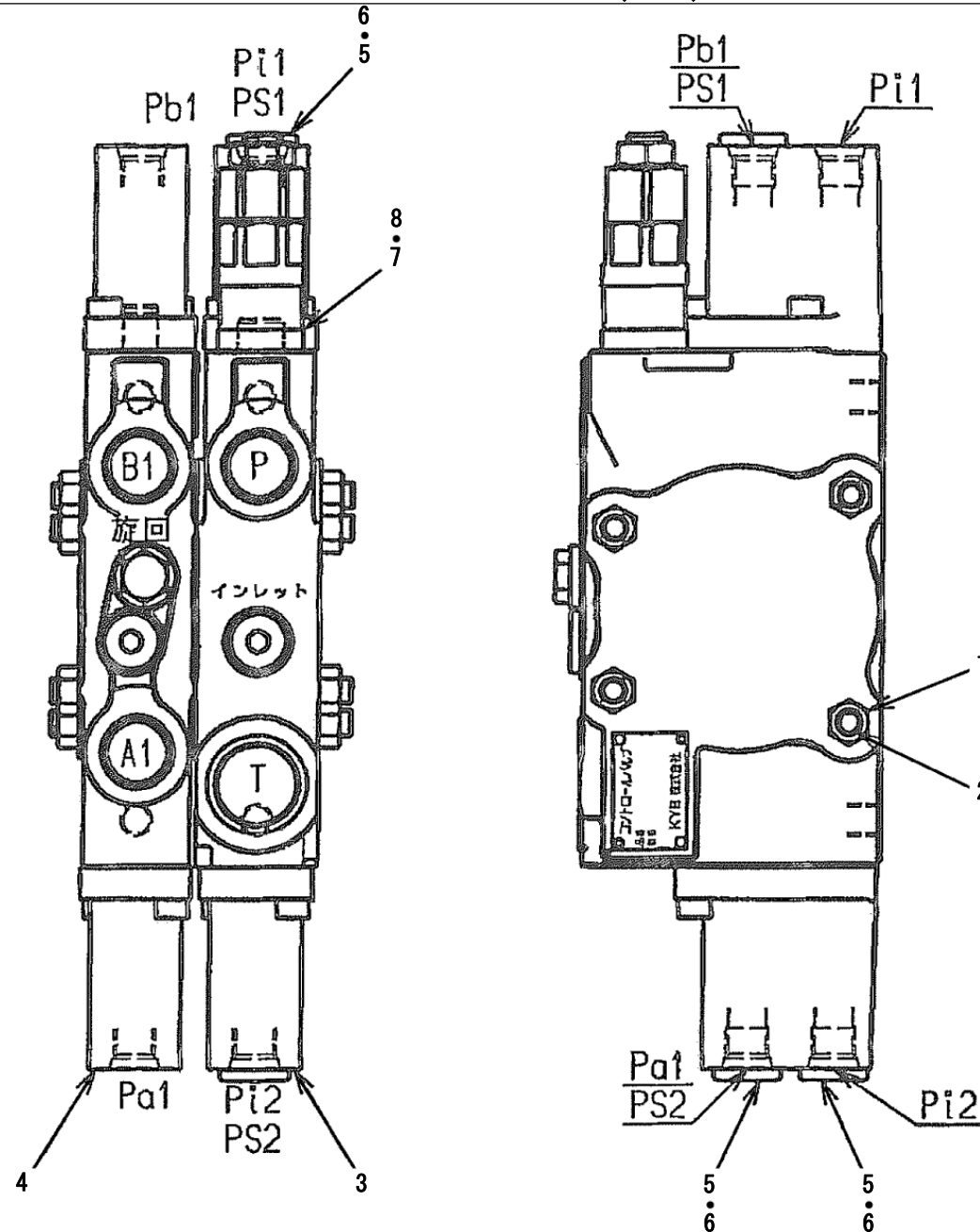
TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
BLOCK ASSY; No. 6 (angle blade)



BLOCK ASSY; No. 6 (angle blade)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1901050310	BLOCK ASSY, NO. 6	1				angle blade
1	1901043266	· CAP	2				
2	1901029754	· HOLDER, spring	2				
3	1901043231	· HOLDER, spring	2				
4	1901043256	· SPRING	2				
5	1110020618	· SCREW, cap	4				
6	1420500240	· O-RING	2				
7	1901049126	· POPPET	2				
8	1901034239	· SPRING	2				
9	1901049127	· PLUG	1				
10	1901049191	· POPPET	1				
11	1420010070	· O-RING	1				
12	1420100750	· O-RING	1				
13	1420010180	· O-RING	1				
	M1h080						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
CONTROL VALVE 2 (slew)

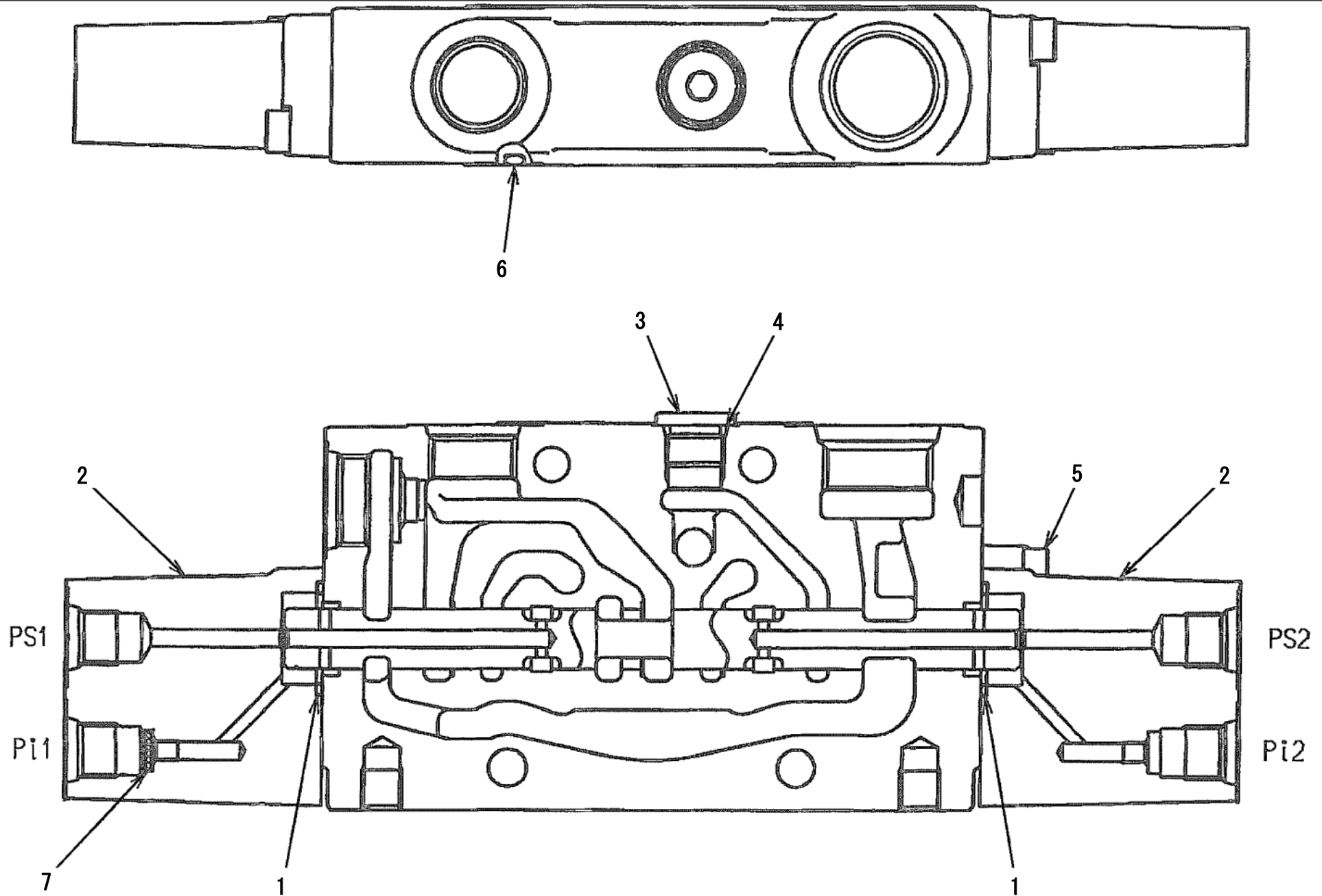


M1H100

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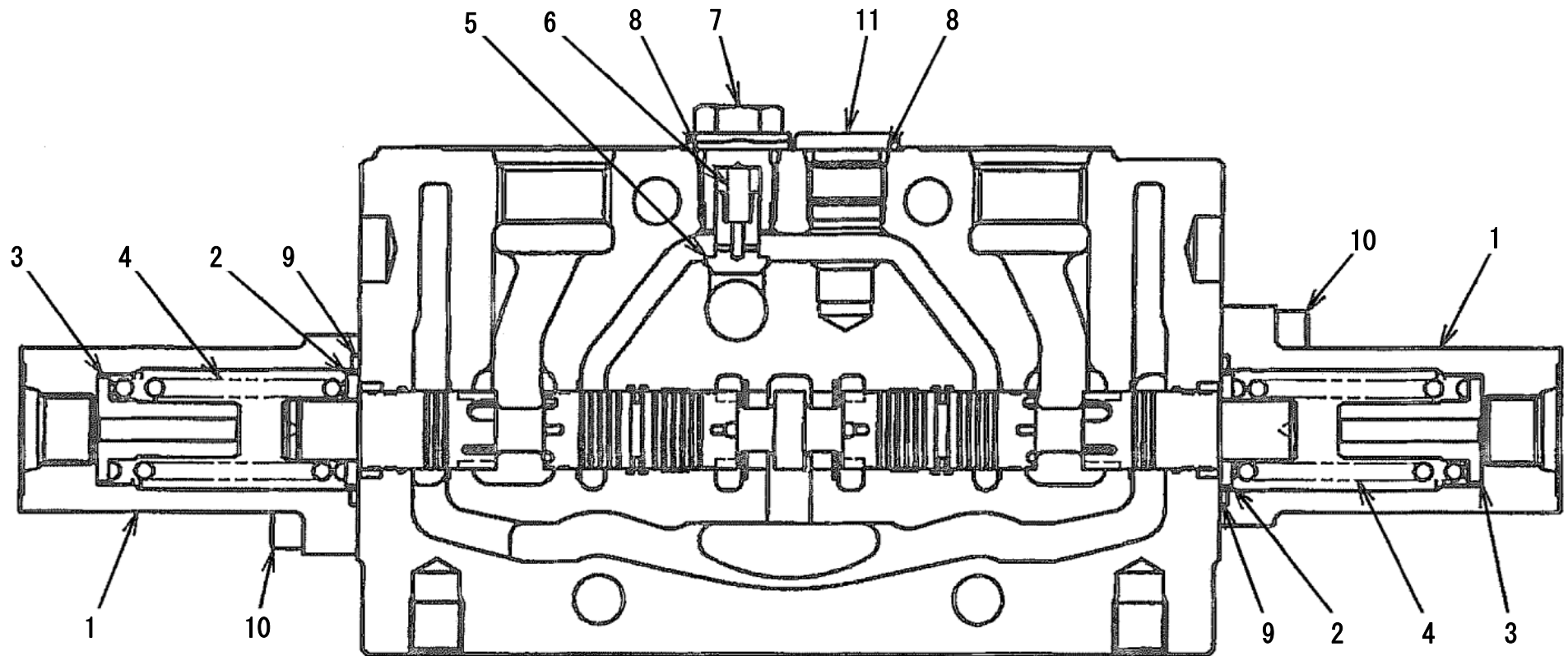
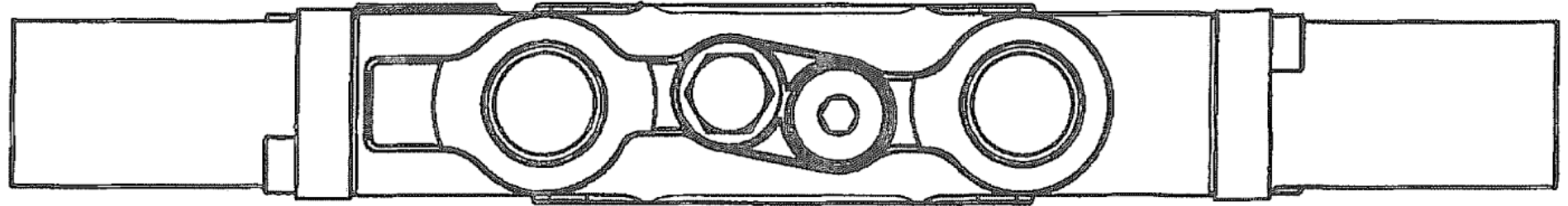
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1901049200	VALVE ASSY, control	1				
1	1901034907	· NUT	8				
2	1901049207	· ROD, tie	4				
3	1901049201	· HOUSING, inlet	1				inlet
4	1901049214	· BLOCK ASSY	1				slew
5	1901036573	· PLUG	3				
6	1420010110	· · O-RING	1				
7	1901049221	· VALVE, relief	1				
8	1420310910	· · O-RING	1				
	M1h100						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
INLET HOUSING ASSY



INLET HOUSING ASSY

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1901049201	HOUSING, inlet	1				inlet
1	1420500240	· O-RING	2				
2	1901049266	· CAP	2				
3	1901043271	· PLUG	1				
4	1901043282	· O-RING	1				
5	1110020618	· SCREW, cap	4				
6	1420100700	· O-RING	1				
7	1901038871	· FILTER	1				
	M1h110						



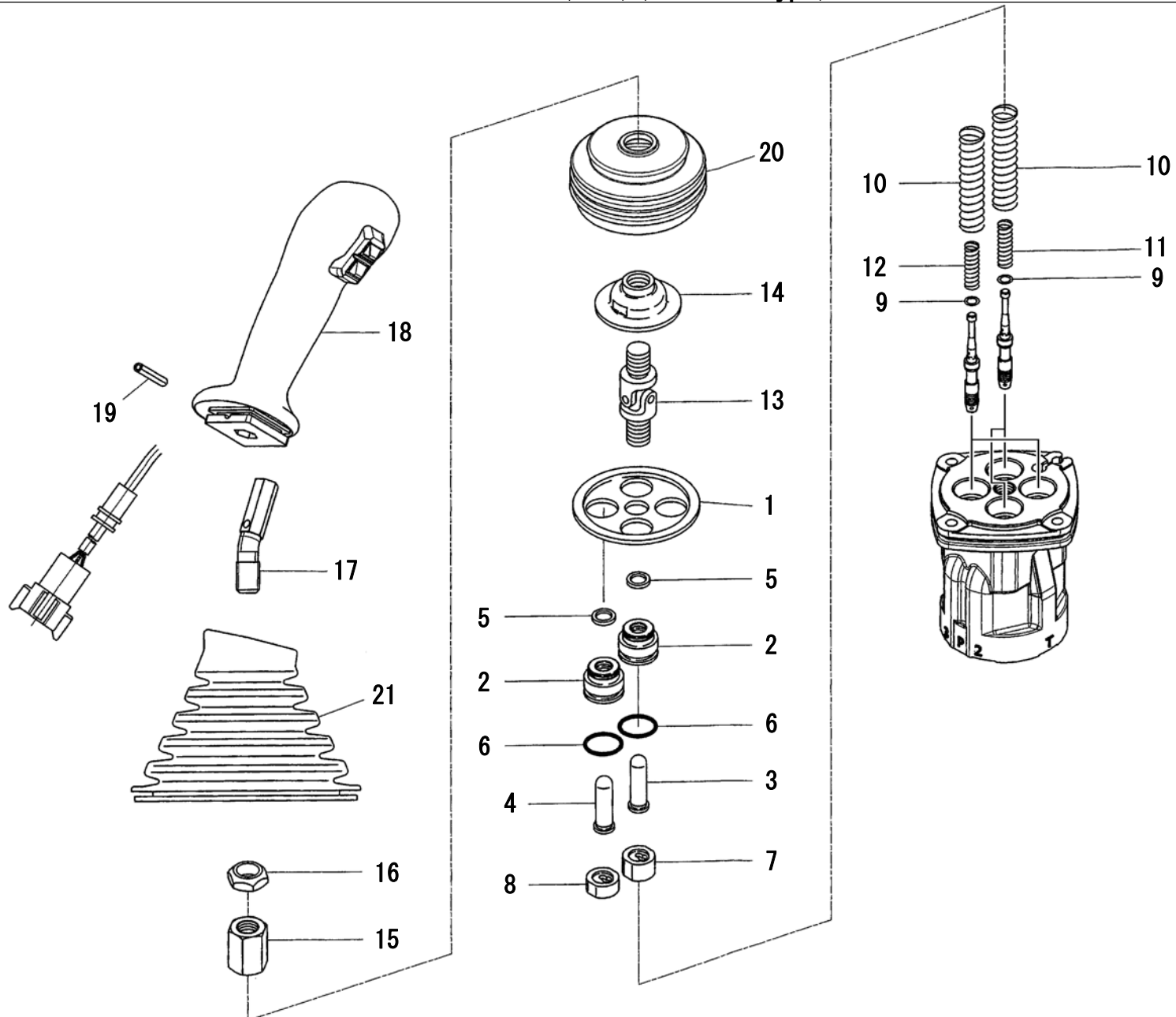
M1H120

S=free

BLOCK ASSY (slew)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1901049214	BLOCK ASSY	1				slew
1	1901043266	· CAP	2				
2	1901029754	· HOLDER, spring	2				
3	1901043231	· HOLDER, spring	2				
4	1901043256	· SPRING	2				
5	1901043226	· PLUNGER	1				
6	1901043257	· SPRING	1				
7	1901043271	· PLUG	1				
8	1901043282	· O-RING	2				
9	1420500240	· O-RING	2				
10	1110020618	· SCREW, cap	4				
11	1901046271	· PLUG	1				
	M1h120						

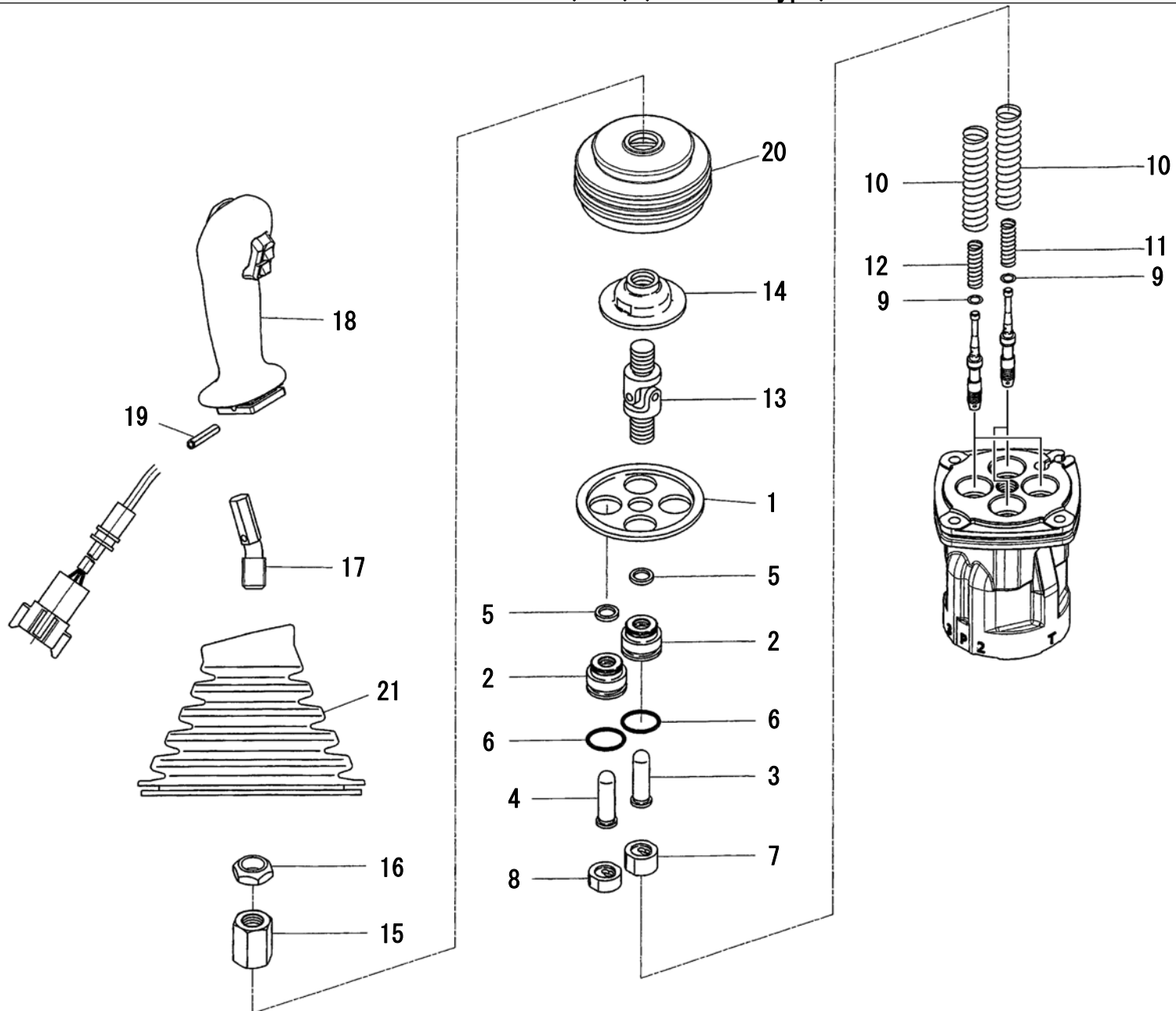
TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
PILOT VALVE (R.H.) (4-switch type)



PILOT VALVE (R.H.) (4-switch type)

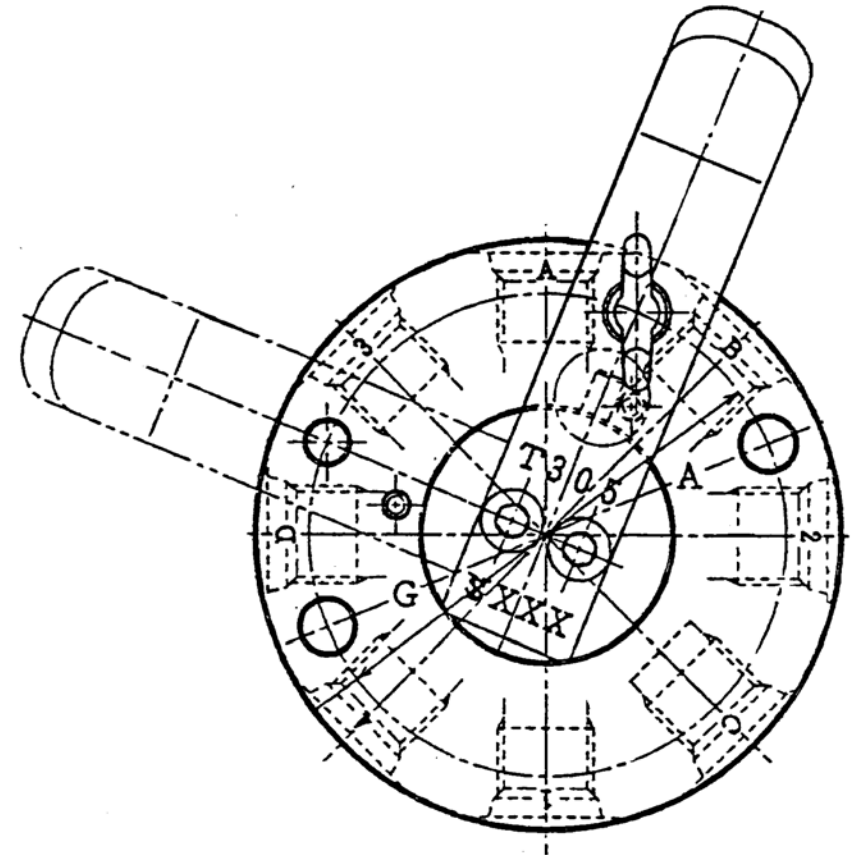
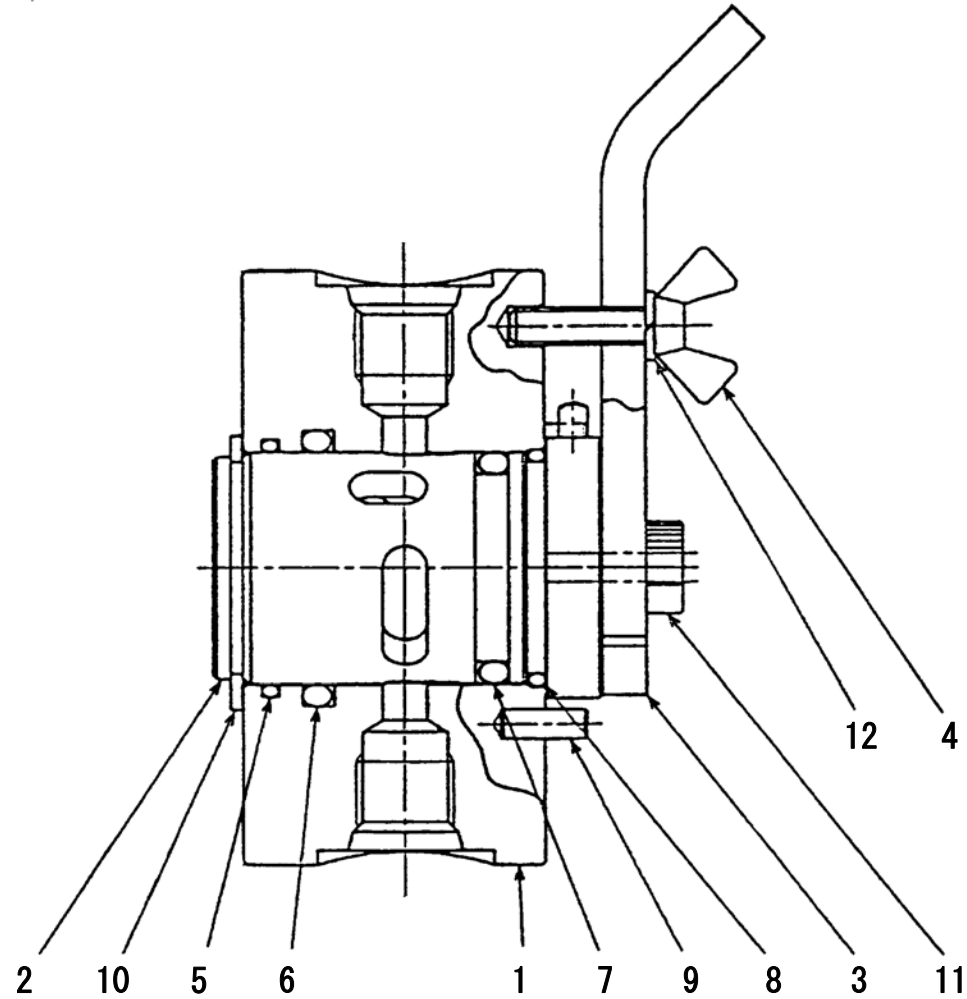
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1901759000	VALVE ASSY, pilot (R.H.)	1				
1	1901742602	· PLATE	1			M	
2	1901710912	· PLUG	4			M	
3	1901719011	· ROD	2			M	
4	1901719012	· ROD	2			M	
5	1901710914	· SEAL	4			M	
6	1420010200	· O-RING	4			M	
7	1901745709	· HOLDER	2			M	
8	1901745710	· HOLDER	2			M	
9	1901710917	· WASHER	4			M	
10	1901745612	· SPRING	4			M	
11	1901742614	· SPRING	2			M	
12	1901742615	· SPRING	2			M	
13	1901720232	· JOINT	1			M	
14	1901743620	· PLATE	1			M	
15	1901735625	· NUT	1			M	
16	1901735626	· NUT	1			M	
17	1901740432	· LEVER	1			M	
18	1901759018	· HANDLE	1			M	
19	1213000528	· PIN, spring	1			M	
20	1901742619	· BOOT	1			M	
21	1901735632	· BOOT	1			M	
	M1h140						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
PILOT VALVE (L.H.) (4-switch type)



PILOT VALVE (L.H.) (4-switch type)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1901759100	VALVE ASSY, pilot (L.H.)	1				
1	1901742602	· PLATE	1			M	
2	1901710912	· PLUG	4			M	
3	1901719011	· ROD	2			M	
4	1901719012	· ROD	2			M	
5	1901710914	· SEAL	4			M	
6	1420010200	· O-RING	4			M	
7	1901745709	· HOLDER	2			M	
8	1901745710	· HOLDER	2			M	
9	1901710917	· WASHER	4			M	
10	1901745612	· SPRING	4			M	
11	1901742614	· SPRING	2			M	
12	1901742615	· SPRING	2			M	
13	1901720232	· JOINT	1			M	
14	1901743620	· PLATE	1			M	
15	1901735625	· NUT	1			M	
16	1901735626	· NUT	1			M	
17	1901740432	· LEVER	1			M	
18	1901759018	· HANDLE	1			M	
19	1213000528	· PIN, spring	1			M	
20	1901742619	· BOOT	1			M	
21	1901735632	· BOOT	1			M	
	M1h160						

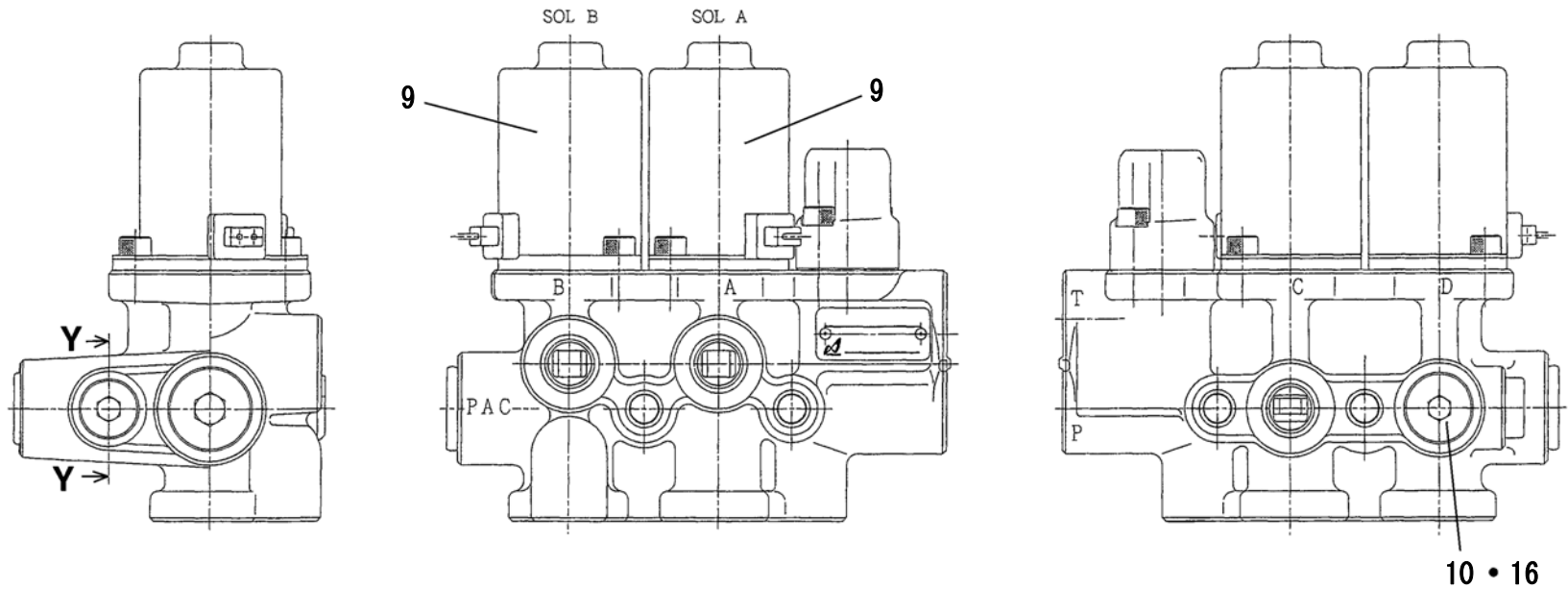
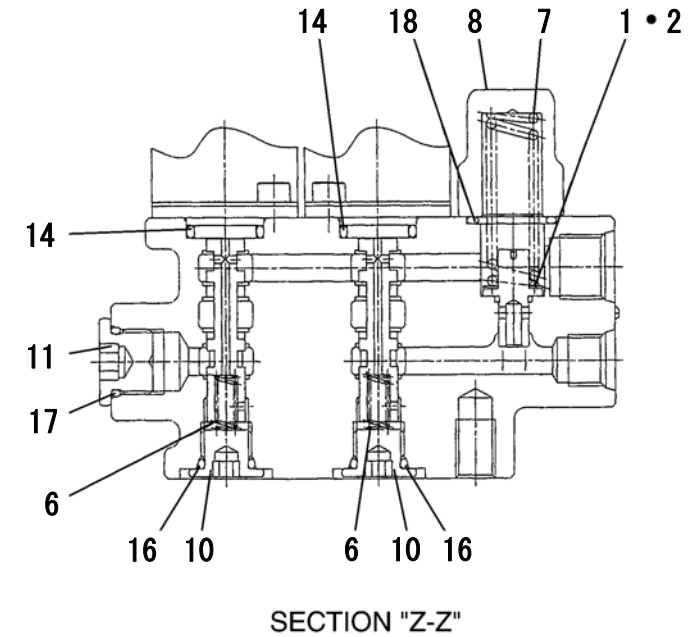
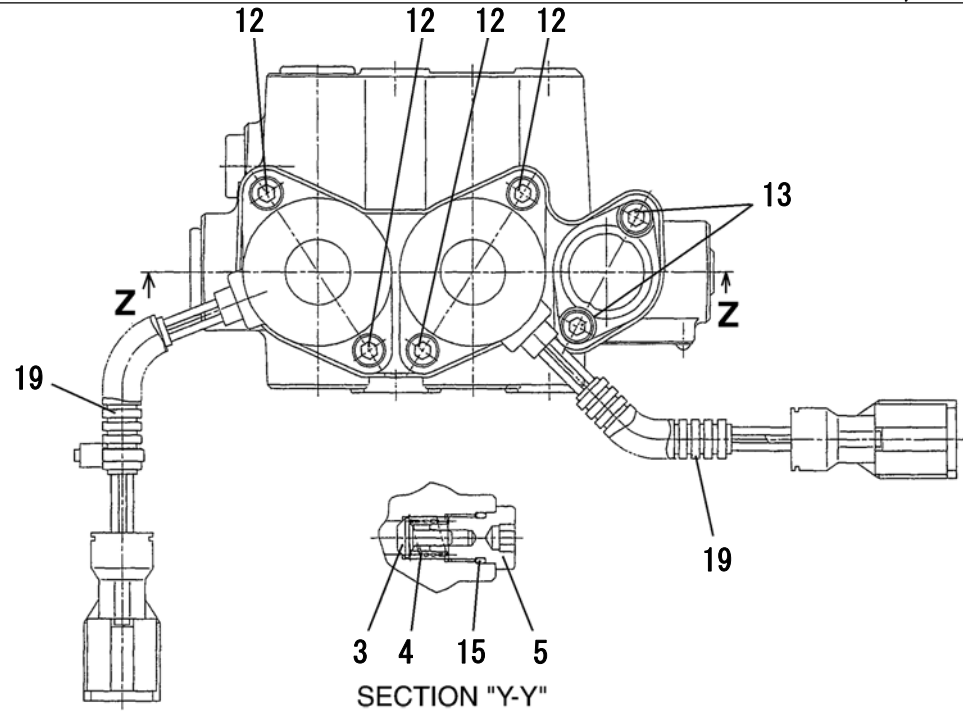


C4H180

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						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
SOLENOID VALVE; 2 BLOCKS



L5H030

Reference L5H030

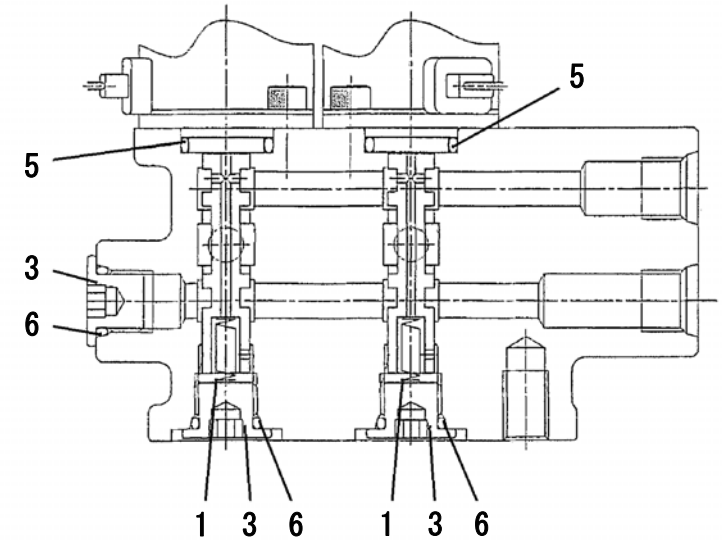
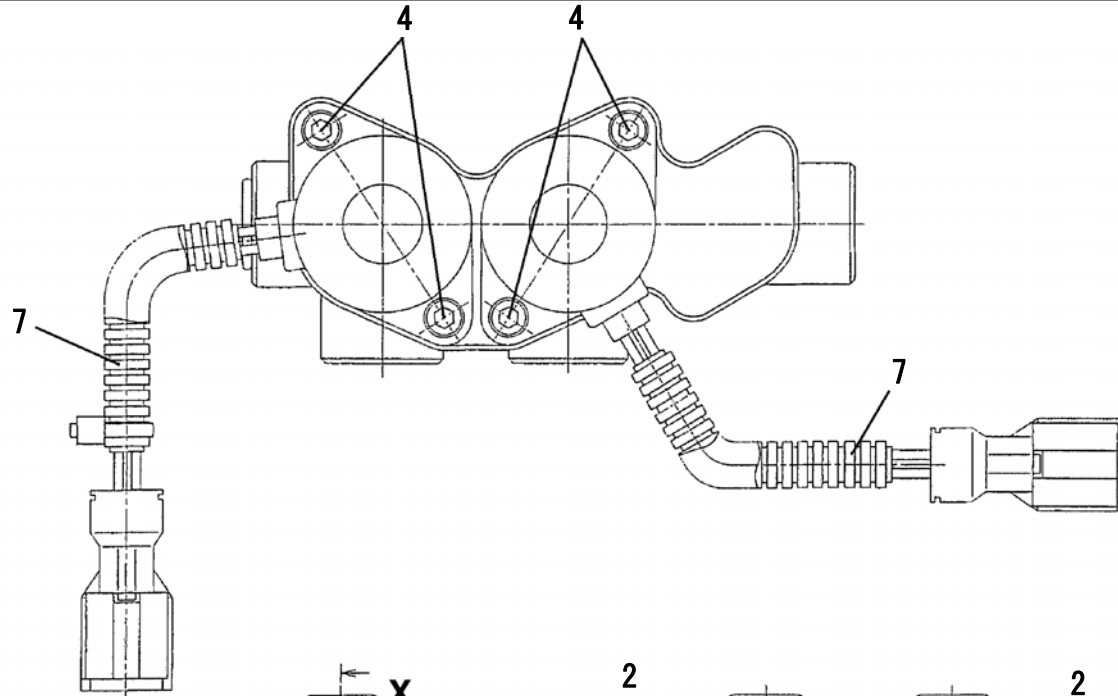
10 • 16

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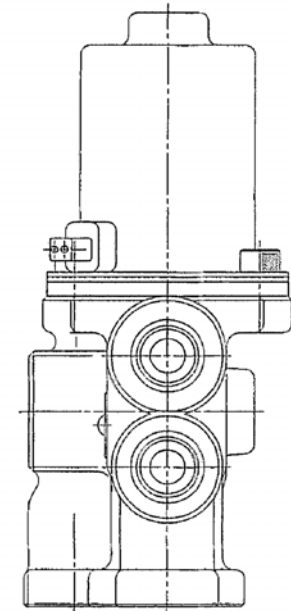
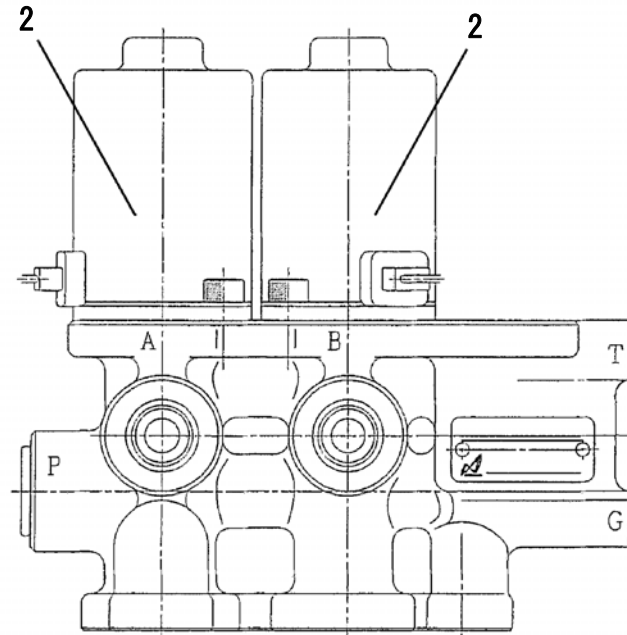
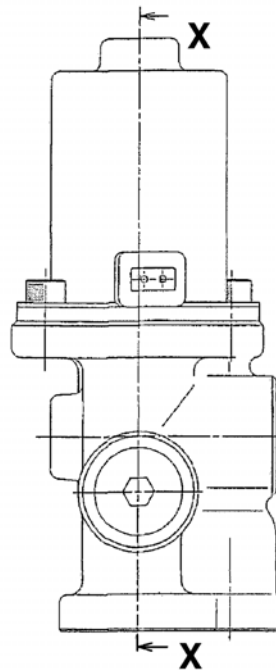
SOLENOID VALVE; 2 BLOCKS

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1901748900	VALVE ASSY, solenoid	1				
1	1901729601	· SHIM	1				
2	1901728701	· SHIM	1				
3	1901035426	· PLUNGER	1				
4	1901004357	· SPRING	1				
5	1901035471	· PLUG	1				
6	1901735511	· SPRING	2				
7	1901738304	· SPRING	1				
8	1901742409	· COVER	1				
9	1901748816	· SOLENOID	2				
10	1501810002	· PLUG	3				
11	1501710003	· PLUG	1				
12	1110040512	· SCREW, cap	4				
13	1110040520	· SCREW, cap	2				
14	1420010160	· O-RING	2				
15	1420010100	· O-RING	1				
16	1420010110	· O-RING	3				
17	1420010140	· O-RING	1				
18	1420010200	· O-RING	1				
19	1901748828	· TUBE	2				
	L5h030						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
SOLENOID VALVE; 2 BLOCKS (angle blade type)



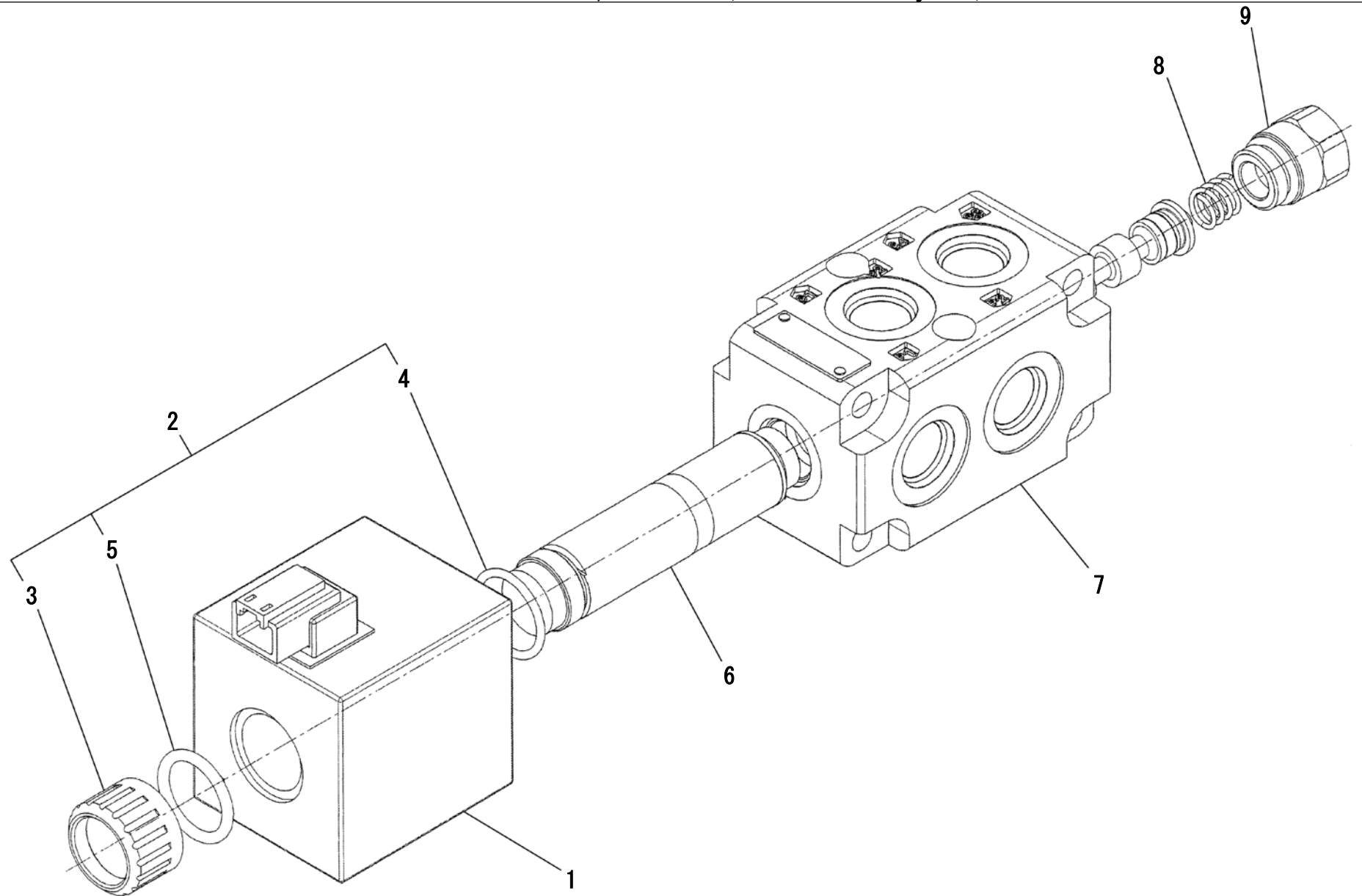
SECTION "X-X"



SOLENOID VALVE; 2 BLOCKS (angle blade type)

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	· SOLENOID	4				
5	1420010160	· O-RING	2				
6	1420010110	· SOLENOID	3				
7	1901044619	· PROTECTOR	2				
	G7h200						

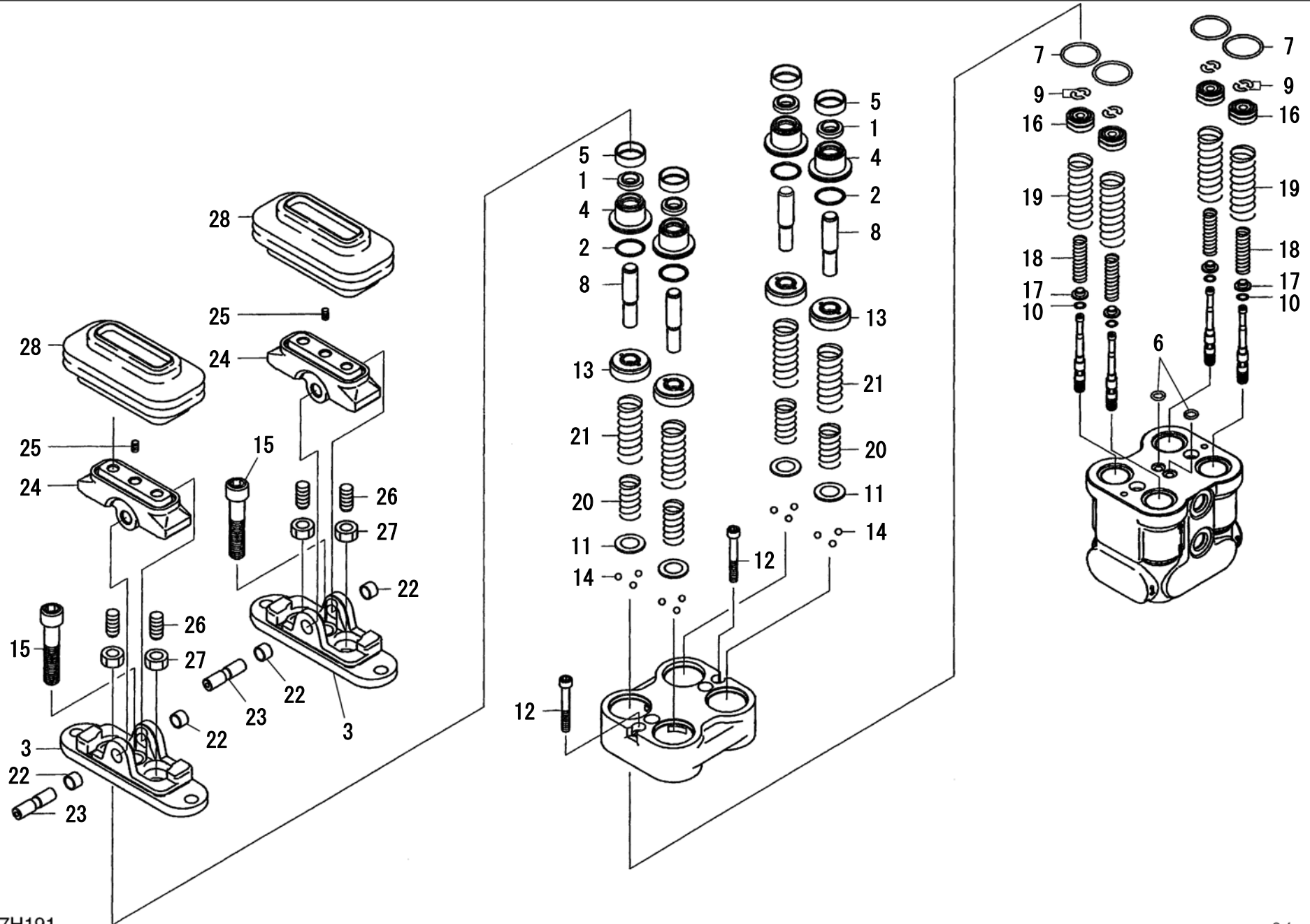
TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
SOLENOID VALVE; 1 BLOCK (with 4th auxiliary line)



SOLENOID VALVE; 1 BLOCK (with 4th auxiliary line)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1901749100	VALVE ASSY, solenoid	1				
1	1901749101	· COIL	1				
2	1901748320	· NUT ASSY	1				
3	1901748321	· · NUT	1				
4	1901748322	· · O-RING	1				
5	1901748323	· · O-RING	1				
6	1901748306	· TUBE KIT	1				
7	1901748307	· BODY	1				
8	1901748309	· SPRING	1				
9	1901748310	· PLUG	1				
	L5h040						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
REMOTE CONTROL VALVE (travel)



L7H191

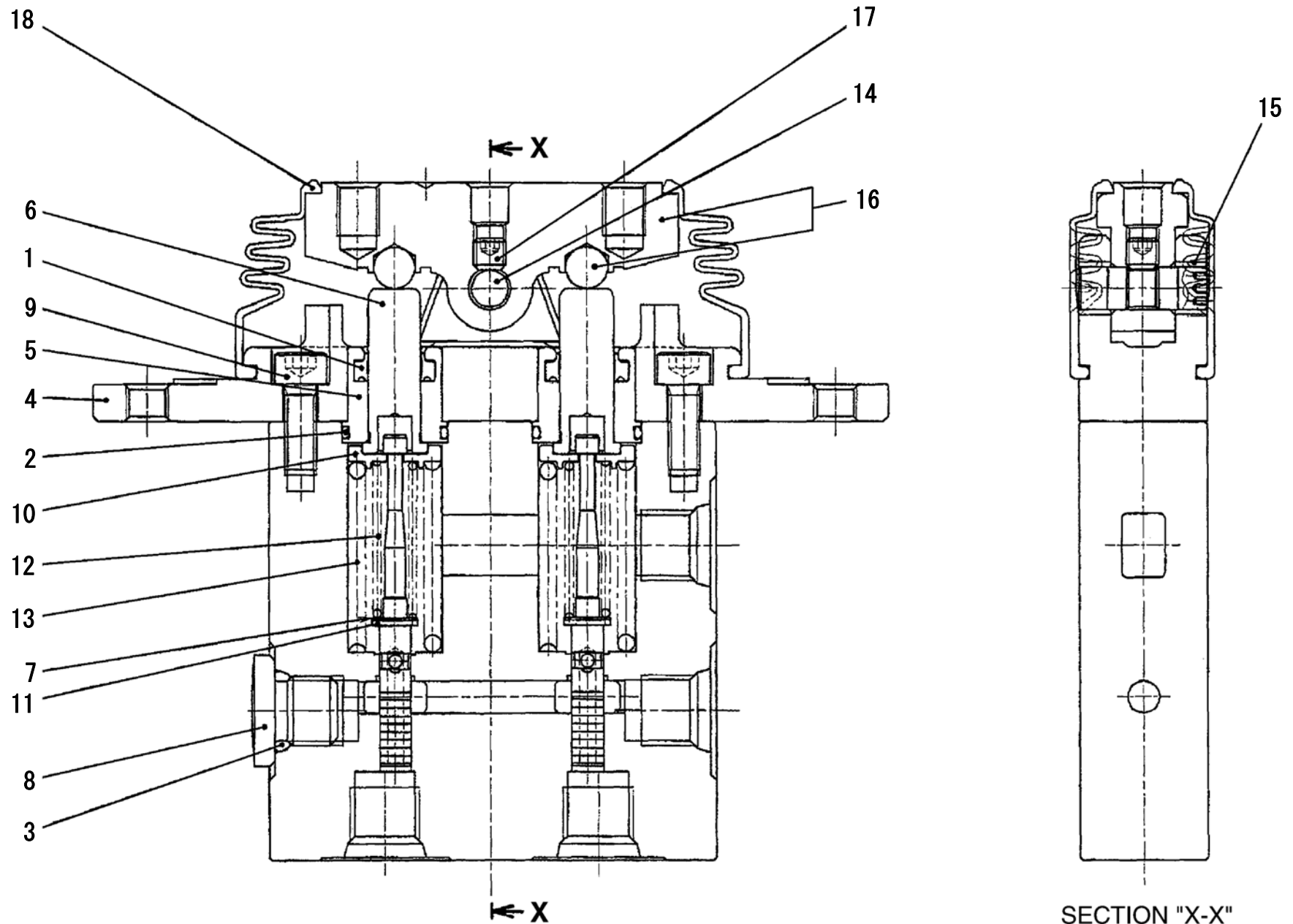
Reference L7H191

S=free

REMOTE CONTROL VALVE (travel)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1901754800	VALVE, remote-control	1				
0-1	1901740099	· KIT, seal	1				
1	1901733515	· · PACKING	4				
2	1420300025	· · O-RING	4				
3	1901733512	· COVER	2				
4	1901733513	· PLUG	4				
5	1901733514	· CUP	4				
6	1420010080	· O-RING	2				
7	1420500280	· O-RING	4				
8	1901733517	· ROD	4				
9	1901710915	· WASHER	8				
10	1901710917	· WASHER	4				
11	1901733520	· HOLDER	4				
12	1110040645	· SCREW, cap	2				
13	1901733523	· PISTON	4				
14	1390010030	· BALL, steel	12				
15	1110041260	· SCREW, cap	2				
16	1901733527	· HOLDER	4				
17	1901733528	· WASHER	4				
18	1901733529	· SPRING	4				
19	1901733530	· SPRING	4				
20	1901733531	· SPRING	4				
21	1901733532	· SPRING	4				
22	1333001010	· BUSHING	4				
23	1901725215	· SHAFT	2				
24	1901725216	· CAM	2				
25	1121040606	· SET-SCREW	2				
26	1901725218	· SET-SCREW	4				
27	1901738872	· NUT	4				
28	1901754751	· BOOT	2				
	L7h190						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
REMOTE CONTROL VALVE (swing)



N2H010

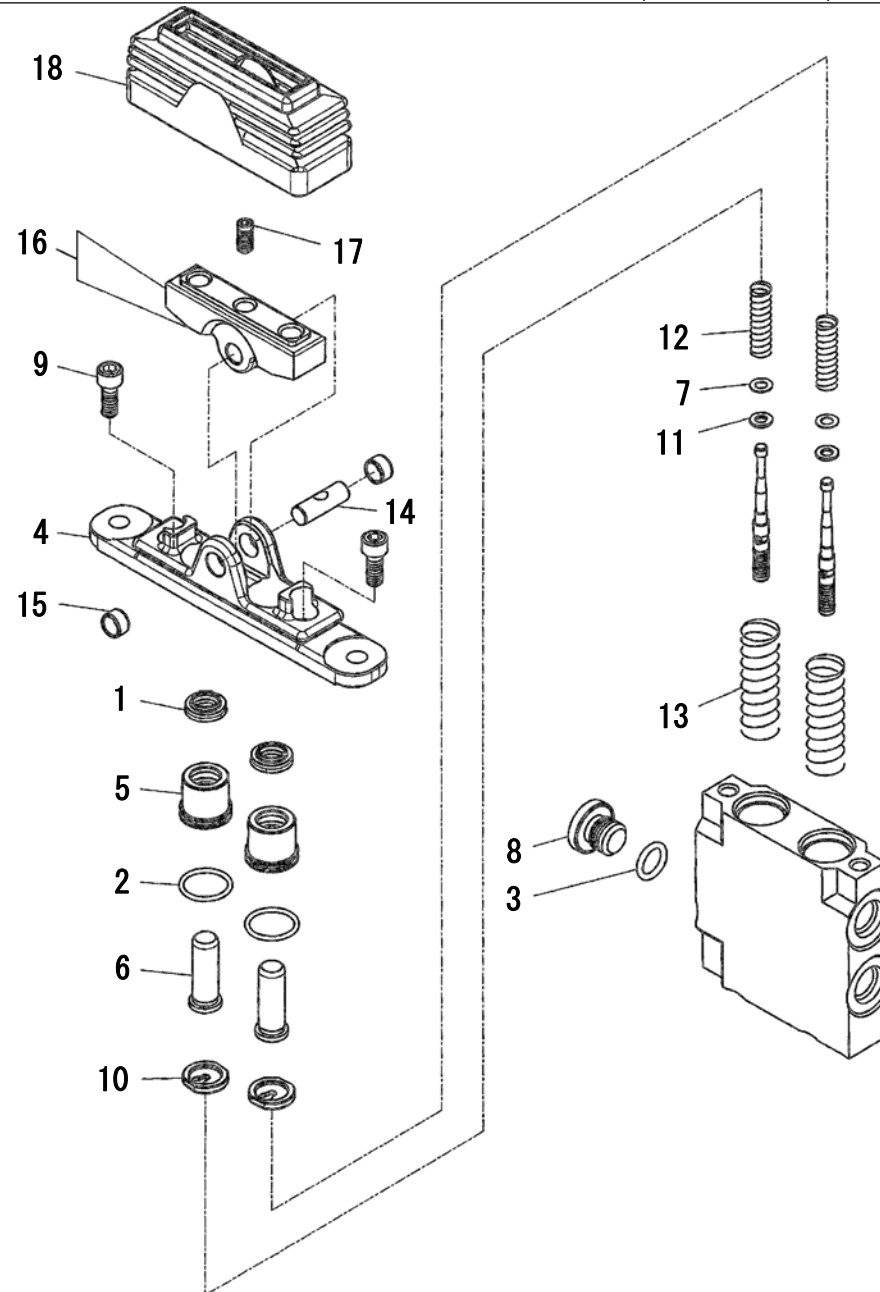
Reference N2H010

S=FREE

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	X 1901745404	· · PACKING	2				
2	X 1420300017	· · O-RING	2				
3	X 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				
	N2h010						

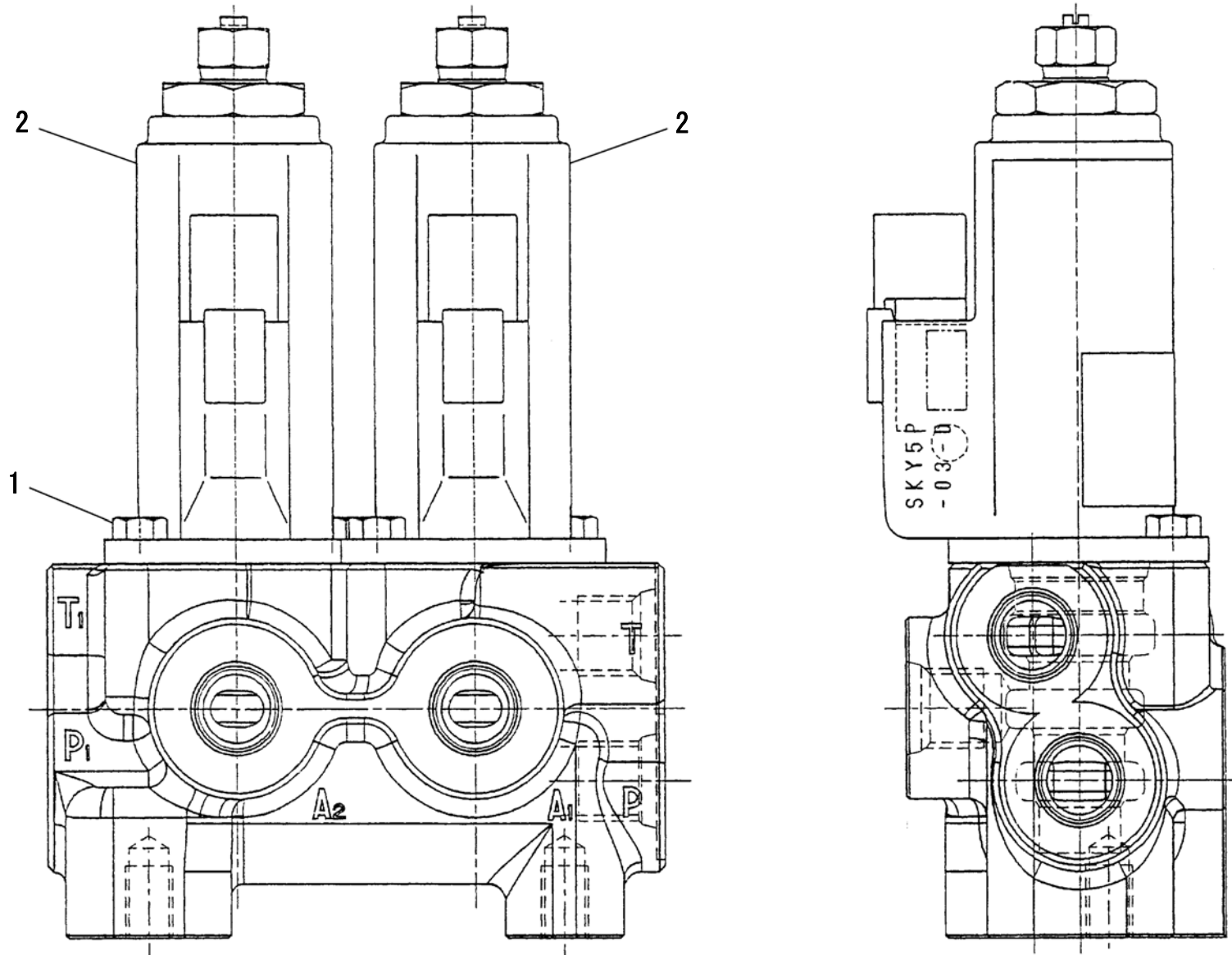
TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
REMOTE CONTROL VALVE (dozer blade)



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	X 1901745404	· · PACKING	2				
2	X 1420300017	· · O-RING	2				
3	X 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				
	N2h020						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
ELECTRICAL PROPORTION VALVE



J3H020

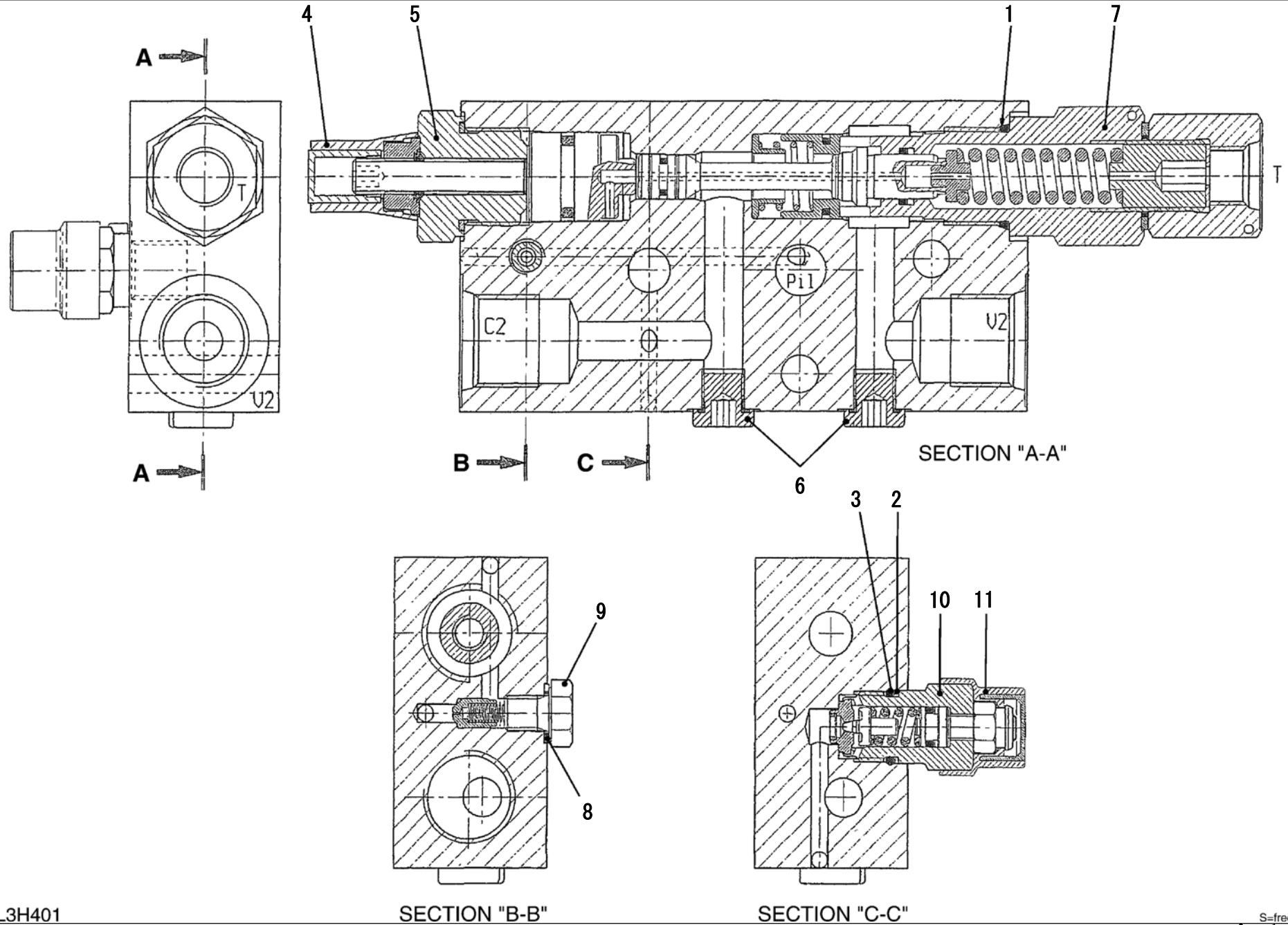
Reference J3H020

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ELECTRICAL PROPORTION VALVE

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1901752100	VALVE ASSY, proportional	1				
1	1110050512	· BOLT	4				
2	1901752103	· VALVE, proportional	2				
	J3h020						

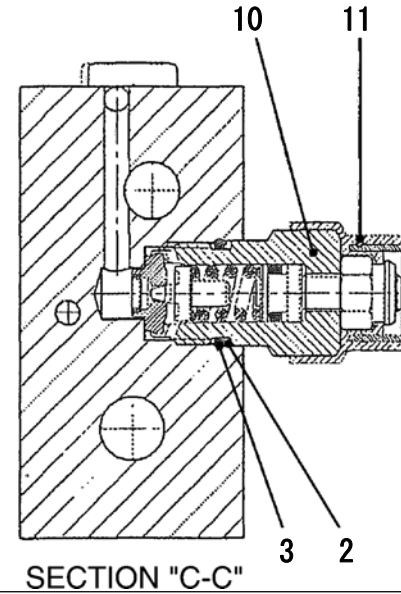
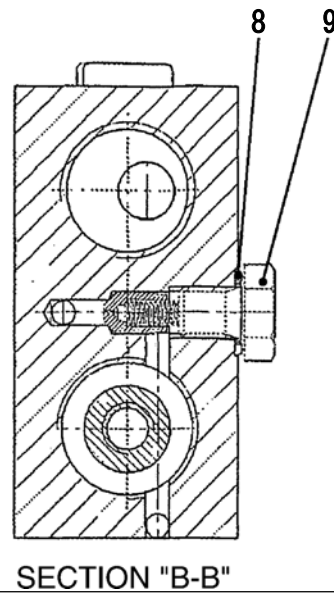
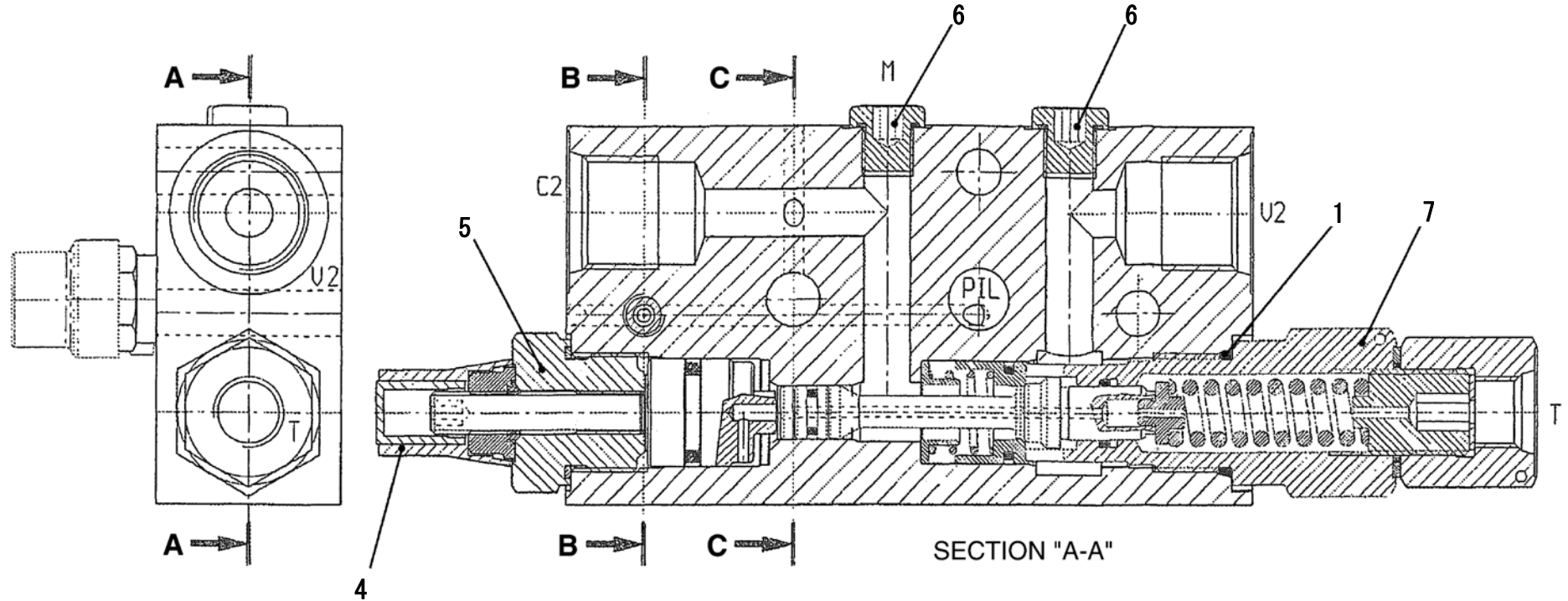
TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
SHUT-OFF VALVE (boom)



SHUT-OFF VALVE (boom)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1901742900	VALVE ASSY, load holding	1				
0-1	1901742899	• KIT, seal	1			M	
1	1901742904	• • O-RING	1				
2	1901742802	• • RING, back-up	1			M	
3	1901742801	• • O-RING	1			M	
4	1901742901	• CAP	1				
5	1901742902	• PLUG KIT	1				
6	1901742903	• PLUG	2				
7	X *****	• VALVE ASSY	1			M	not service
8	1901742906	• SEAL	1				
9	1901742907	• PLUG	1				
10	1901742909	• PLUG ASSY	1	A	old type		
	1901745206	• PLUG ASSY	1	a (H)	new type	M	
11	1901742910	• CAP	1	A	old type		
	1901745207	• CAP	1	a (H)	new type	M	
	<<NOTE>>						
	SET "A" is interchangeable with SET "a".						
	L3h401						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
SHUT-OFF VALVE (boom, arm)



SHUT-OFF VALVE (boom, arm)

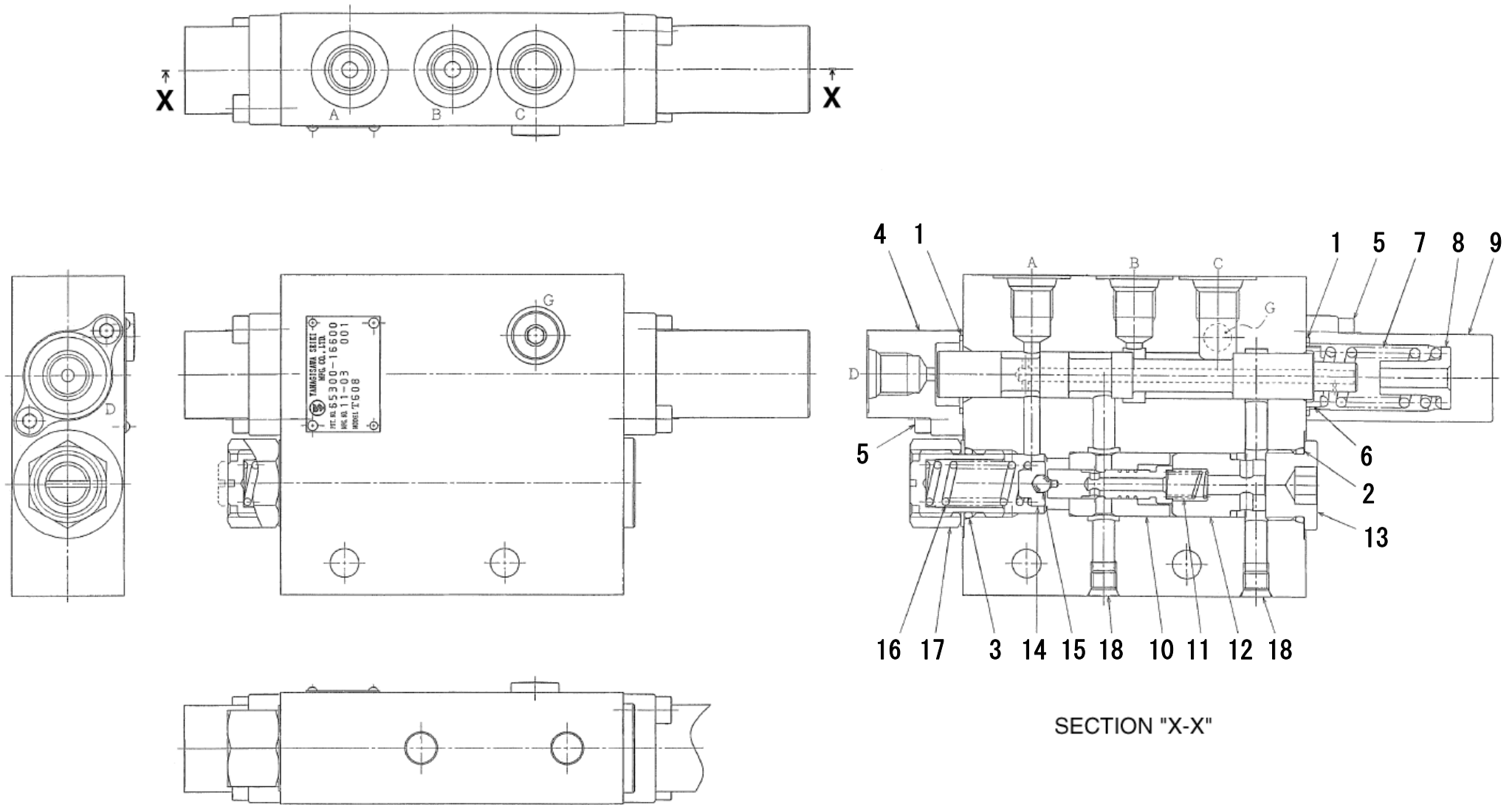
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1901743000	VALVE ASSY, load holding (boom)	1				
	1901743100	VALVE ASSY, load holding (arm)	1				
0-1	1901742899	• KIT, seal	1			M	
1	1901742904	• • O-RING	1				
2	1901742802	• • RING, back-up	1			M	
3	1901742801	• • O-RING	1			M	
4	1901742901	• CAP	1				
5	1901742902	• PLUG KIT	1				
6	1901742903	• PLUG	2				
7	X *****	• VALVE ASSY	1			M	not service
8	1901742906	• SEAL	1				
9	1901742907	• PLUG	1				
10	1901742909	• PLUG ASSY	1	A	old type		
	1901745206	• PLUG ASSY	1	a (H)	new type	M	
11	1901742910	• CAP	1	A	old type		
	1901745207	• CAP	1	a (H)	new type	M	

<<NOTE>>

SET "A" is interchangeable with SET "a".

L3h640

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
REDUCING VALVE

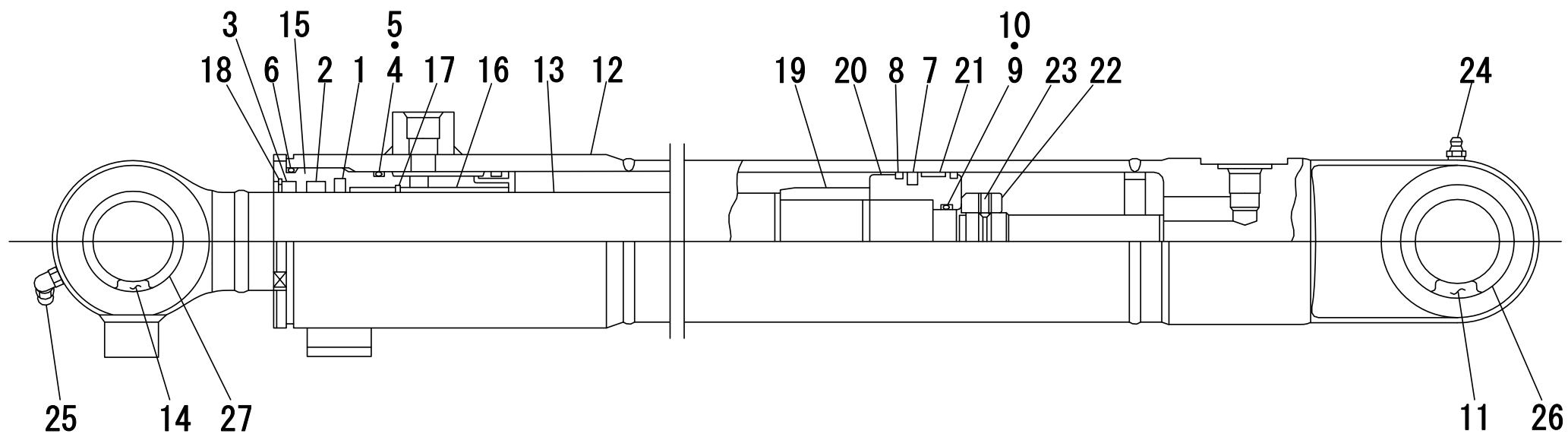


M1H190

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REDUCING VALVE

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1901760800	REDUCING VALVE	1				
0-1	1901760899	• KIT, seal	1				
1	X 1420500220	• • O-RING	2				
2	X 1420310910	• • O-RING	1				
3	X 1420010180	• • O-RING	1				
4	1901035667	• CAP	1				
5	1110020518	• SCREW, cap	4				
6	1901031752	• HOLDER, spring	1				
7	1901760807	• SPRING	1				
8	1901038851	• SEAT, spring	1				
9	1901038868	• CAP	1				
10	1901760810	• SLEEVE ASSY	1				
11	1901760811	• SPRING	1				
12	1901760812	• SPACER	1				
13	1901760813	• PLUG	1				
14	1901760815	• SEAT, spring	1				
15	1390020350	• BALL, steel	1				
16	1901760817	• SPRING	1				
17	1901760818	• ADJUSTER KIT	1				
18	1901760820	• PLUG	2				
	M1h190						

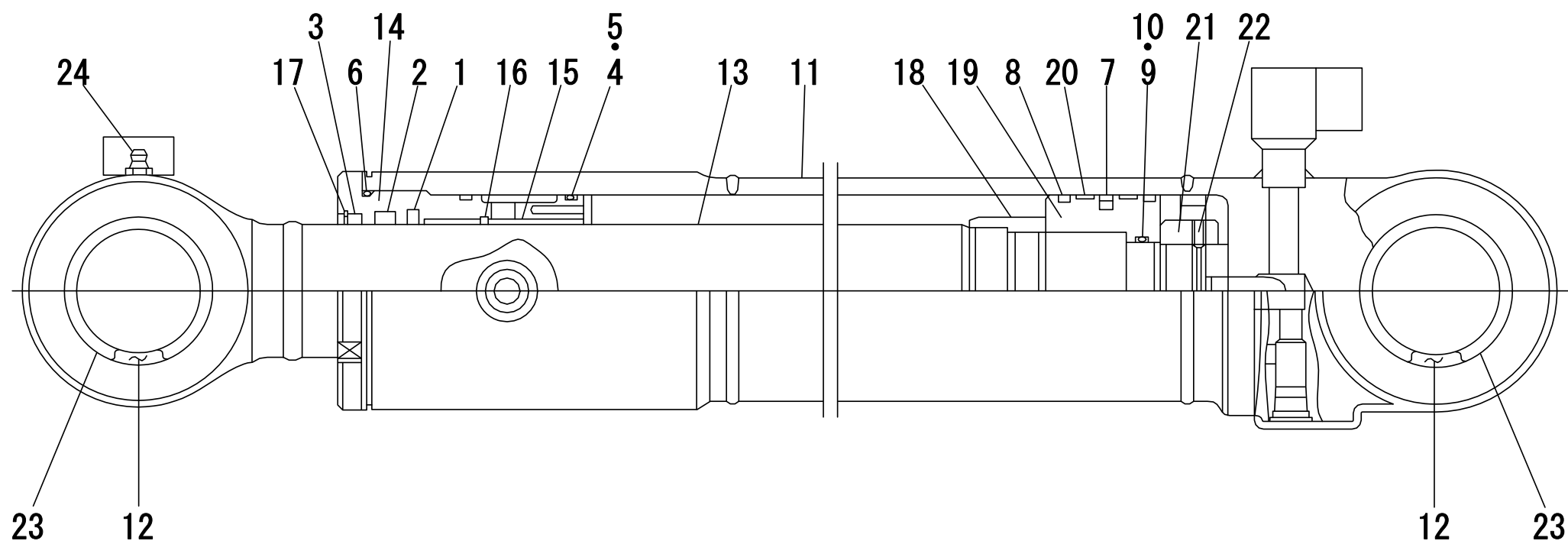


M1H200

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BOOM CYLINDER

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1900109800	CYLINDER ASSY (L.H.)	1				boom
	1900109900	CYLINDER ASSY (R.H.)	1				
0-1	1900109899	• KIT, seal	1				
1	X 1900107835	• • SEAL, buffer	1				
2	X 1410560759	• • PACKING, rod	1				
3	X 1900109633	• • SEAL, dust	1				
4	X 1420110800	• • O-RING	2				
5	X 1900109827	• • RING, back-up	3				
6	X 1420110850	• • O-RING	1				
7	X 1900109834	• • PACKING, piston	1				
8	X 1900109833	• • RING, dust	2				
9	X 1420110450	• • O-RING	1				
10	X 1900109628	• • RING, back-up	2				
11	0002400081	• BUSHING	1				
12	1900109898	• TUBE ASSY	1				
	1900109998	• TUBE ASSY	1				
13	1900109897	• ROD ASSY, piston	1				
14	1900109820	• BUSHING	1				
15	1900109803	• COVER, rod	1				
16	1900109602	• BUSHING	1				
17	1900107814	• RING, retaining	1				
18	1900106914	• RING, retaining	1				
19	1900109816	• RING, cushion	1				
20	1900109806	• PISTON	1				
21	1900109826	• RING, wear	1				
22	1900107809	• NUT	1				
23	1121050818	• SET-SCREW	1				
24	1560001000	• FITTING, grease	1				
25	1560001675	• FITTING, grease	1				
26	1432200060	• SEAL, dust	2				
27	1900109835	• SEAL, dust	2				
	M1h200						



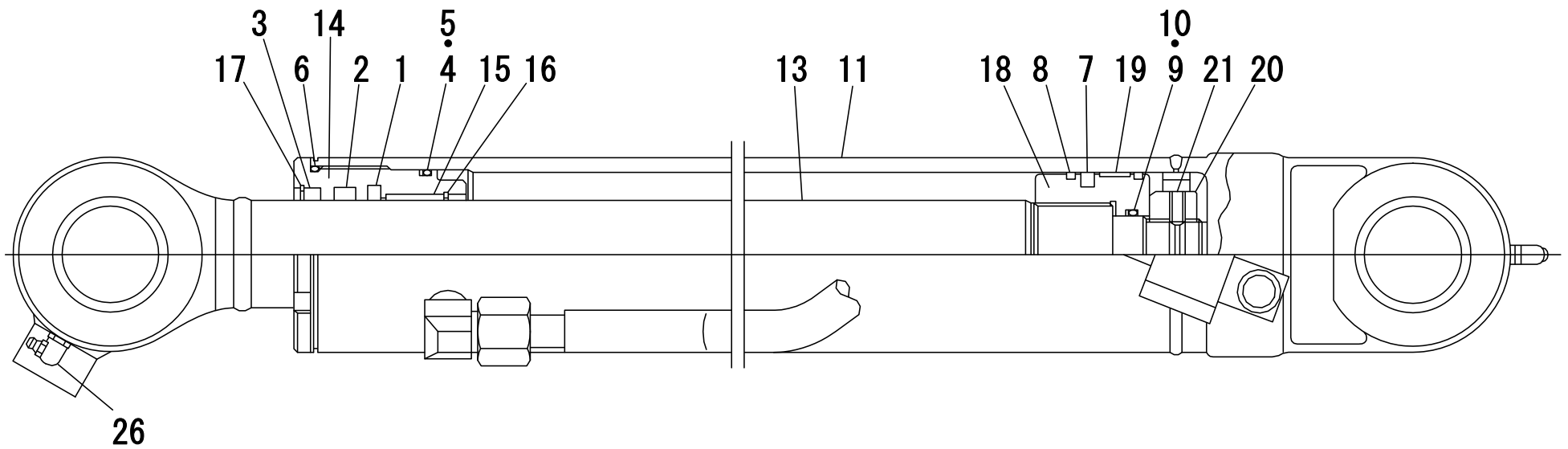
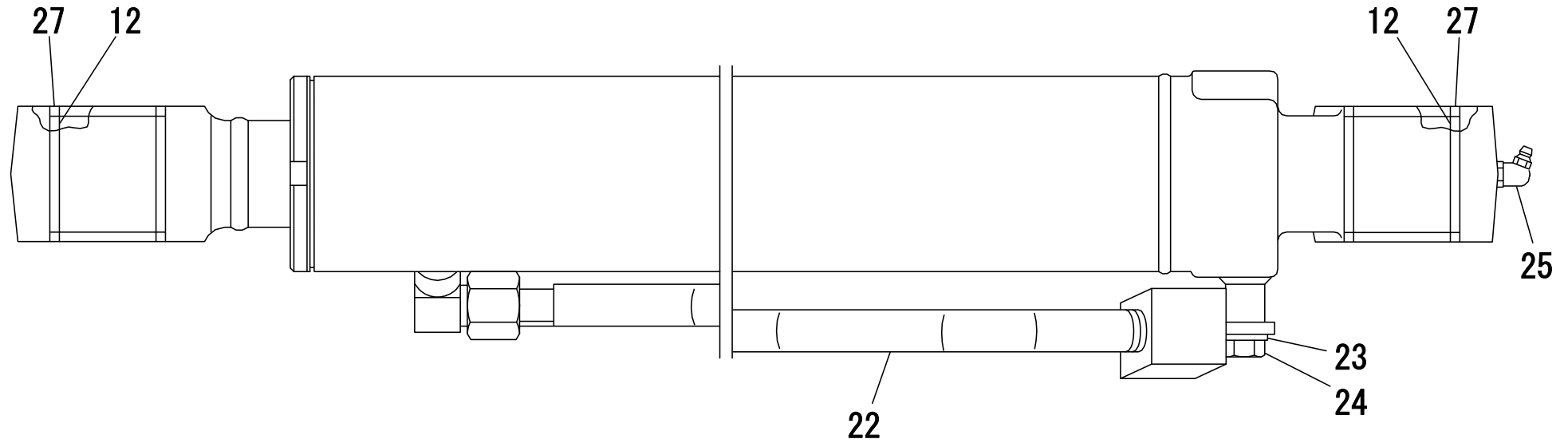
M1H210

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ARM CYLINDER

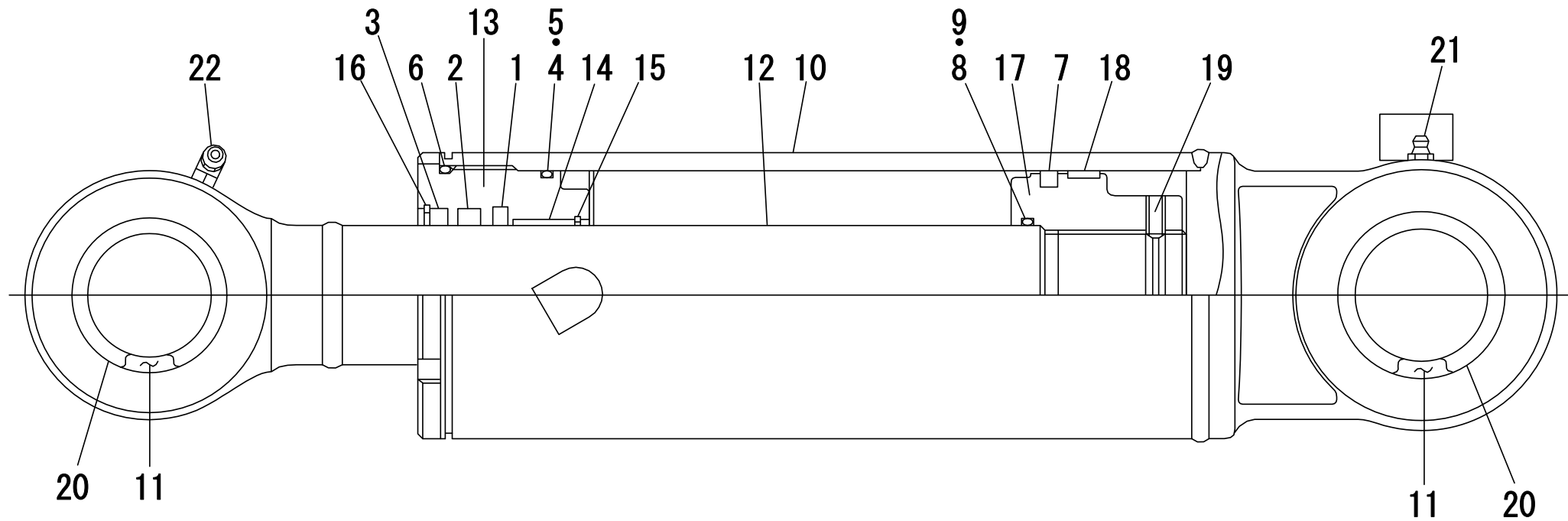
Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1900109700	CYLINDER ASSY	1				arm
0-1	1900109799	• KIT, seal	1				
1	X 1900109735	• • SEAL, buffer	1				
2	X 1410570859	• • PACKING, rod	1				
3	X 1900109733	• • SEAL, dust	1				
4	X 1420110950	• • O-RING	2				
5	X 1900109727	• • RING, back-up	3				
6	X 1420111000	• • O-RING	1				
7	X 1900109734	• • PACKING, piston	1				
8	X 1900107838	• • RING, dust	2				
9	X 1420110500	• • O-RING	1				
10	X 1900109728	• • RING, back-up	2				
11	1900109798	• TUBE ASSY	1				
12	1900109720	• BUSHING	2				
13	1900109797	• ROD ASSY, piston	1				
14	1900109703	• COVER, rod	1				
15	1900109714	• BUSHING	1				
16	1900106914	• RING, retaining	1				
17	1900106514	• RING, retaining	1				
18	1900109716	• RING, cushion	1				
19	1900109706	• PISTON	1				
20	1900107826	• RING, wear	2				
21	1900109709	• NUT	1				
22	1121050814	• SET-SCREW	1				
23	1432200065	• SEAL, dust	4				
24	1560001000	• FITTING, grease	1				
	M1h210						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
BUCKET CYLINDER



BUCKET CYLINDER

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1900109600	CYLINDER ASSY	1				bucket
0-1	1900109699	• KIT, seal	1				
1	X 1900107835	• • SEAL, buffer	1				
2	X 1410560759	• • PACKING, rod	1				
3	X 1900109633	• • SEAL, dust	1				
4	X 1420110850	• • O-RING	2				
5	X 1900109627	• • RING, back-up	3				
6	X 1420110900	• • O-RING	1				
7	X 1900109634	• • PACKING, piston	1				
8	X 1900109635	• • RING, dust	2				
9	X 1420110450	• • O-RING	1				
10	X 1900109628	• • RING, back-up	2				
11	1900109698	• TUBE ASSY	1				
12	1900109620	• BUSHING	2				
13	1900109697	• ROD ASSY, piston	1				
14	1900109603	• COVER, rod	1				
15	1900109602	• BUSHING	1				
16	1900107814	• RING, retaining	1				
17	1900106914	• RING, retaining	1				
18	1900109606	• PISTON	1				
19	1900109626	• RING, wear	1				
20	1900107809	• NUT	1				
21	1121050818	• SET-SCREW	1				
22	1900109610	• PIPE ASSY	1				
23	1140020010	• WASHER	1				
24	1100041016	• BOLT	1				
25	1560001675	• FITTING, grease	1				
26	1560001900	• FITTING, grease	1				
27	1432200050	• SEAL, dust	4				
	M1h220						

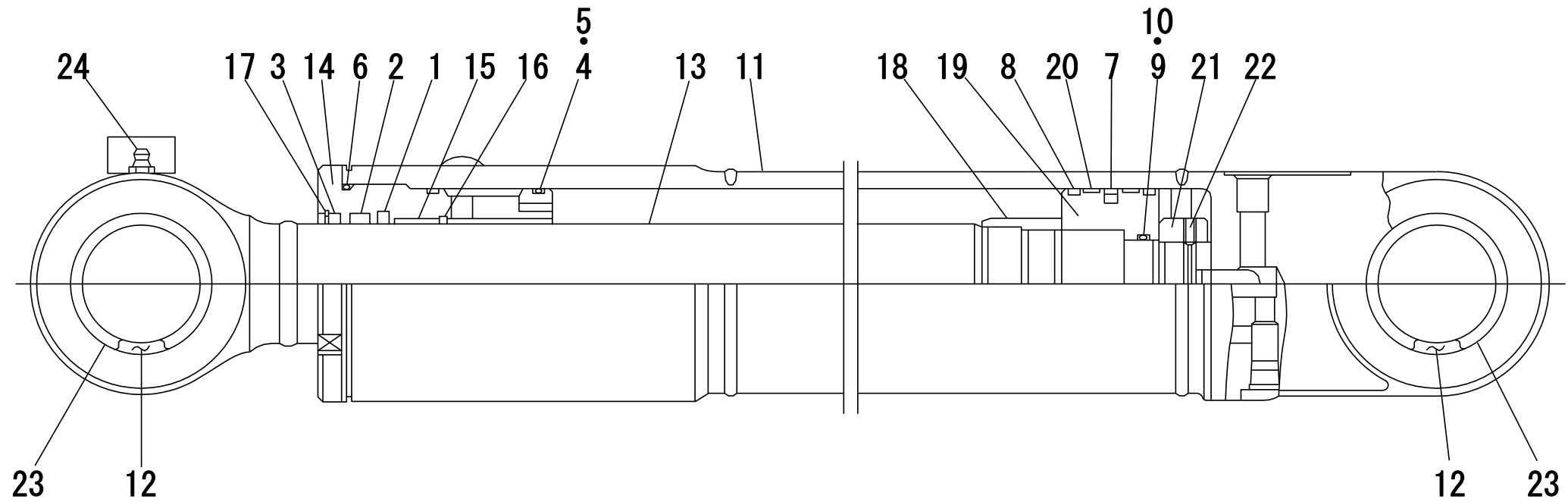


M1H230

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DOZER BLADE CYLINDER

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1900111100	CYLINDER ASSY	1				blade
0-1	1900111199	• KIT, seal	1				
1	X 1900111135	• • SEAL, buffer	1				
2	X 1410565809	• • PACKING, rod	1				
3	X 1900111133	• • SEAL, dust	1				
4	X 1420111200	• • O-RING	1				
5	X 1900111127	• • RING, back-up	1				
6	X 1420111250	• • O-RING	1				
7	X 1900111134	• • PACKING, piston	1				
8	X 1420110650	• • O-RING	1				
9	X 1900111128	• • RING, back-up	1				
10	1900111198	• TUBE ASSY	1				
11	1900111120	• BUSHING	2				
12	1900111197	• ROD ASSY, piston	1				
13	1900111103	• COVER, rod	1				
14	1900111102	• BUSHING	1				
15	1900111114	• RING, retaining	1				
16	1900110014	• RING, retaining	1				
17	1900111106	• PISTON	1				
18	1900111126	• RING, wear	1				
19	1121050820	• SET-SCREW	1				
20	1900111136	• SEAL, dust	4				
21	1560001000	• FITTING, grease	1				
22	1560001900	• FITTING, grease	1				
	M1h230						

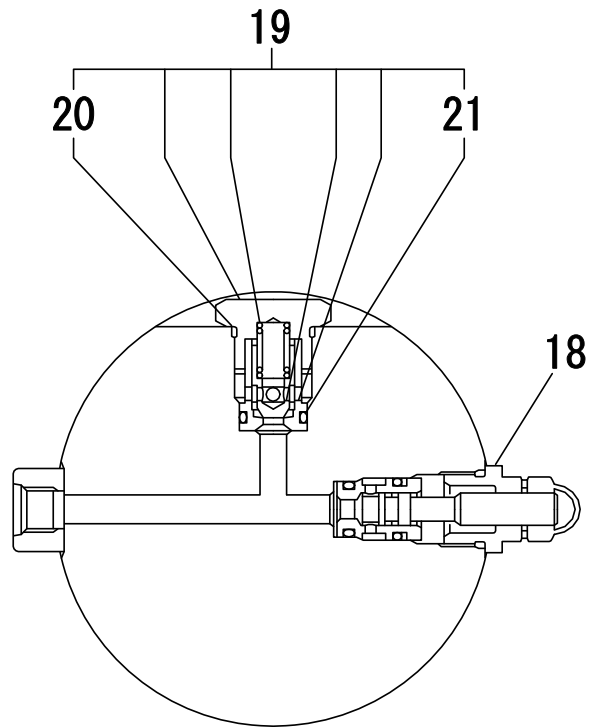


M1H250

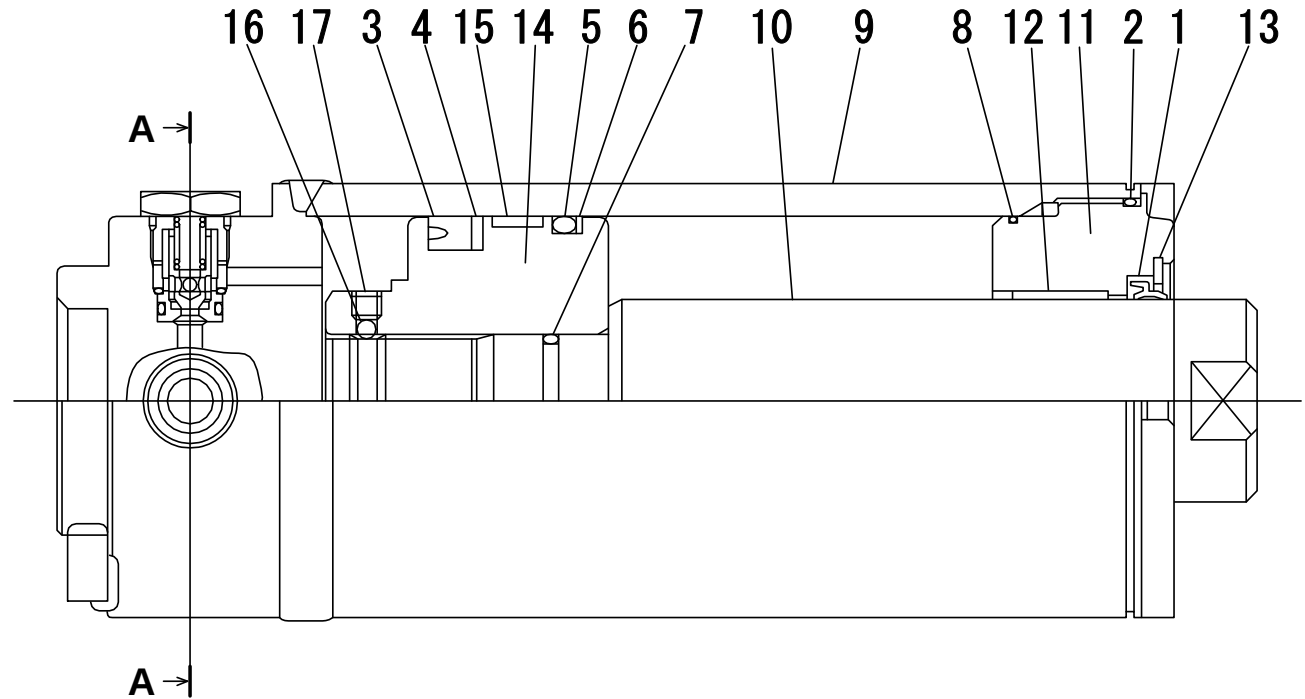
S=free

SWING CYLINDER

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1900110000	CYLINDER ASSY	1				swing
0-1	1900110099	• KIT, seal	1				
1	X 1900110035	• • SEAL, buffer	1				
2	X 1410575909	• • PACKING, rod	1				
3	X 1900110033	• • SEAL, dust	1				
4	X 1420111150	• • O-RING	2				
5	X 1900110027	• • RING, back-up	3				
6	X 1420111200	• • O-RING	1				
7	X 1900110034	• • PACKING, piston	1				
8	X 1900110036	• • SEAL, dust	2				
9	X 1420110600	• • O-RING	1				
10	X 1900110028	• • RING, back-up	2				
11	1900110098	• TUBE ASSY	1				
12	1900110020	• BUSHING	2				
13	1900110097	• ROD ASSY, piston	1				
14	1900110003	• COVER, rod	1				
15	1900110002	• BUSHING	1				
16	1900110014	• RING, retaining	1				
17	1900110019	• RING, retaining	1				
18	1900110016	• RING, cushion	1				
19	1900110006	• PISTON	1				
20	1900110026	• RING, wear	2				
21	1900110009	• NUT	1				
22	1121050818	• SET-SCREW	1				
23	1432200075	• SEAL, dust	4				
24	1560001000	• FITTING, grease	1				
	M1h250						



SECTION "A-A"

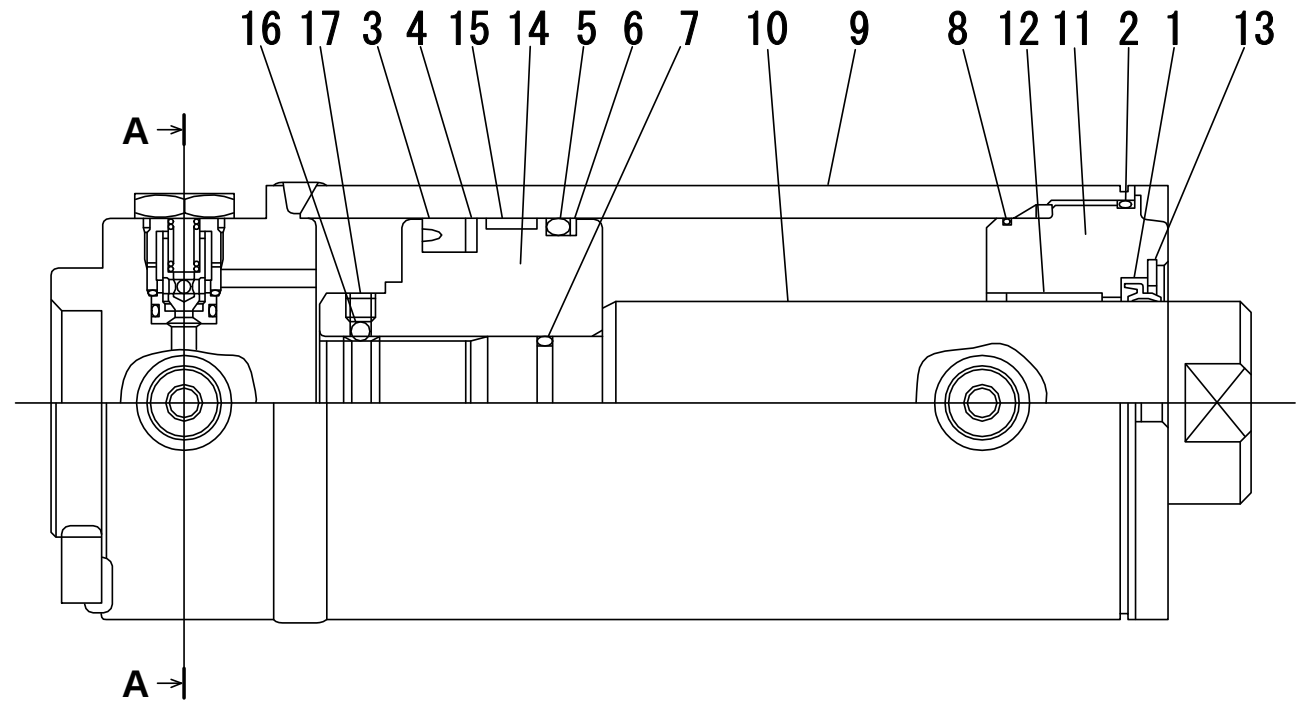
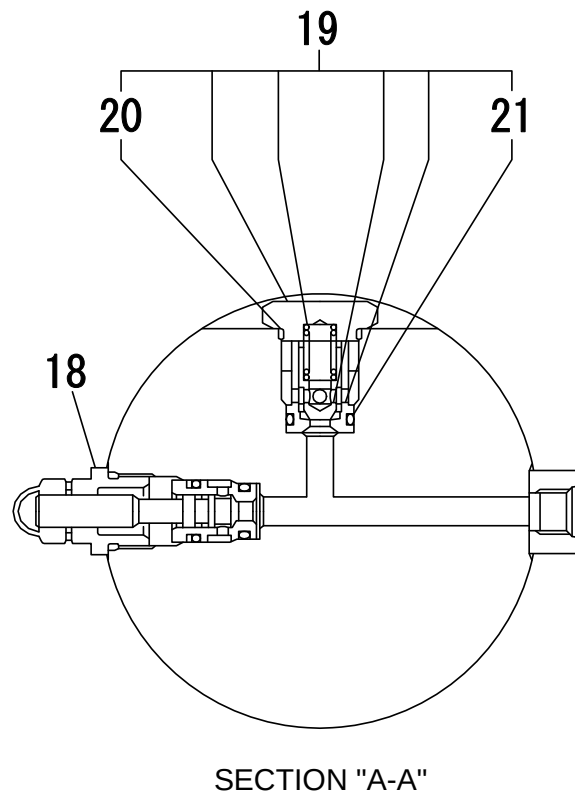


M1H260

S=free

TENSIONING CYLINDER (R.H.)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1900110200	CYLINDER ASSY	1				tension (R.H.)
0-1	1900110299	• KIT, seal	1				
1	X 1900063931	• • SEAL, dust	1				
2	X 1420111150	• • O-RING	1				
3	X 1900063932	• • PACKING, piston	1				
4	X 1411310903	• • RING, back-up	1				
5	X 1420011000	• • O-RING	1				
6	X 1421021000	• • RING, back-up	1				
7	X 1420010320	• • O-RING	1				
8	X 1420501050	• • O-RING	1				
9	1900110298	• TUBE	1				
10	1900081001	• ROD ASSY, piston	1				
11	1900063903	• COVER, rod	1				
12	1900110202	• BUSHING	1				
13	1221000082	• RING, snap	1				
14	1900063906	• PISTON	1				
15	1900063926	• RING, wear	1				
16	1390020350	• BALL, steel	1				
17	1121050810	• SET-SCREW	1				
18	1900110219	• VALVE ASSY	1				
19	1900063126	• VALVE ASSY, check	1				
20	1420010220	• • O-RING	1				
21	1420010160	• • O-RING	1				
	M1h260						



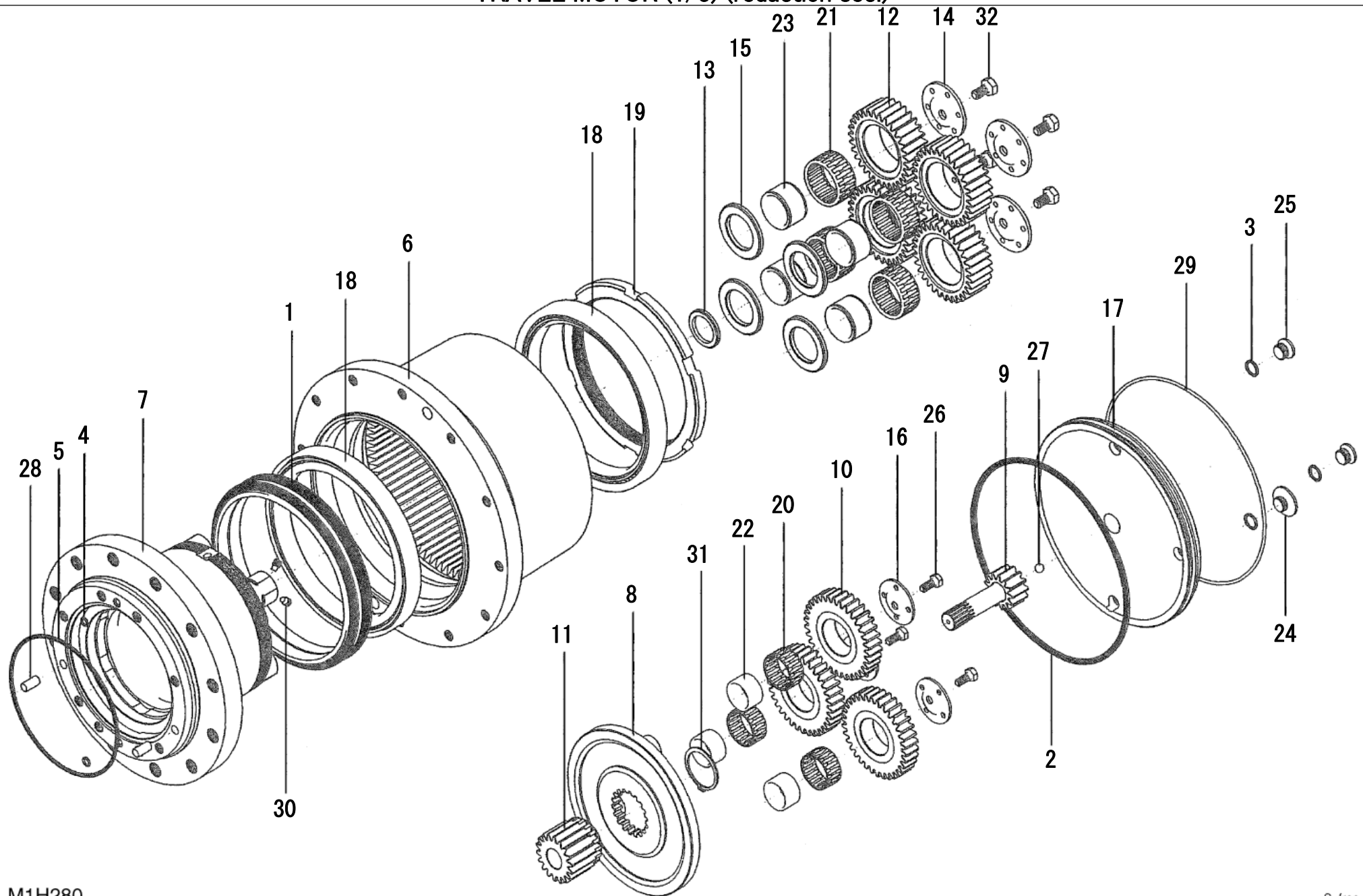
M1H270

S=free

TENSIONING CYLINDER (L.H.)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1900110300	CYLINDER ASSY	1				tension (L.H.)
0-1	1900110299	• KIT, seal	1				
1	X 1900063931	• • SEAL, dust	1				
2	X 1420111150	• • O-RING	1				
3	X 1900063932	• • PACKING, piston	1				
4	X 1411310903	• • RING, back-up	1				
5	X 1420011000	• • O-RING	1				
6	X 1421021000	• • RING, back-up	1				
7	X 1420010320	• • O-RING	1				
8	X 1420501050	• • O-RING	1				
9	1900110398	• TUBE	1				
10	1900081001	• ROD ASSY, piston	1				
11	1900063903	• COVER, rod	1				
12	1900110202	• BUSHING	1				
13	1221000082	• RING, snap	1				
14	1900063906	• PISTON	1				
15	1900063926	• RING, wear	1				
16	1390020350	• BALL, steel	1				
17	1121050810	• SET-SCREW	1				
18	1900110219	• VALVE ASSY	1				
19	1900063126	• VALVE ASSY, check	1				
20	1420010220	• • O-RING	1				
21	1420010160	• • O-RING	1				
	M1h270						

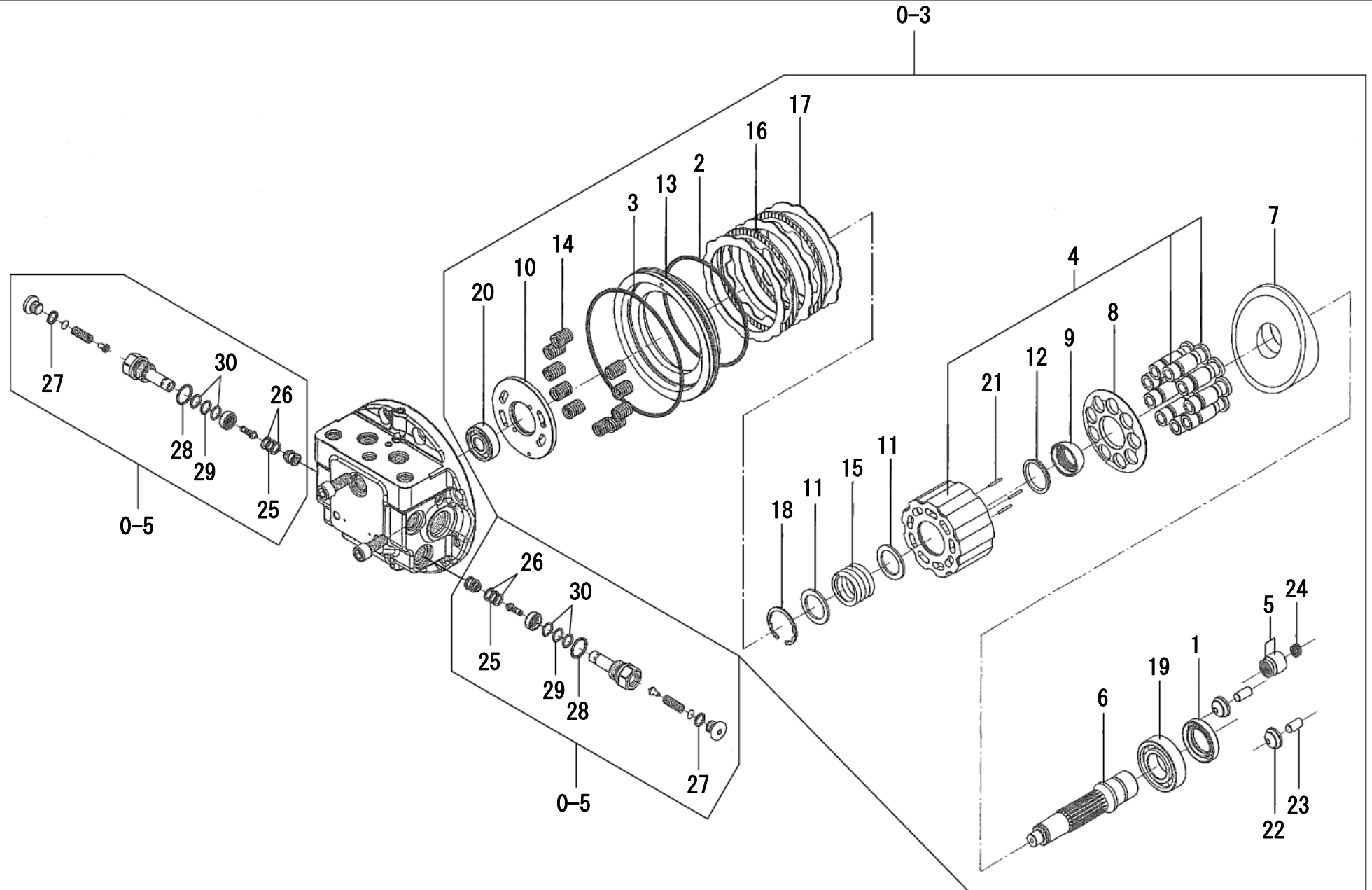
TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
TRAVEL MOTOR (1/3) (reduction sec.)



TRAVEL MOTOR (1/3) (reduction sec.)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1903127100	MOTOR ASSY, travel	1				
0-1	X *****	• GEAR ASSY, reduction	1				X19129-12200
0-2	1912912299	• • KIT, seal	1				
1	X 1912912298	• • • SEAL KIT, floating	1				
2	X 1420102300	• • • O-RING	1				
3	X 1420010140	• • • O-RING	3				
4	X 1420010070	• • • O-RING	2				
5	X 1912912221	• • • O-RING	1				
6	1912912201	• • HUB	1				
7	1912912202	• • SPINDLE	1				
8	1912912203	• • CARRIER	1				
9	1912912204	• • GEAR	1				
10	1912912205	• • GEAR	3				
11	1912912206	• • GEAR	1				
12	1912912207	• • GEAR	4				
13	1912912208	• • COLLAR	1				
14	1912912209	• • WASHER	4				
15	1912912210	• • WASHER	4				
16	1912912211	• • WASHER	3				
17	1912912212	• • COVER	1				
18	1912912213	• • BEARING	2				
19	1912912214	• • NUT, ring	1				
20	1912912215	• • BEARING	3				
21	1912912216	• • BEARING	4				
22	1912912217	• • RING	3				
23	1912912218	• • RING	4				
24	1912912219	• • PLUG	1				
25	1912912220	• • PLUG	2				
26	1100050820	• • BOLT	3				
27	1390010600	• • BALL, steel	1				
28	1912908413	• • PIN, parallel	2				
29	1912912222	• • RING	1				
30	1121150812	• • SET-SCREW	2				
31	1220000045	• • RING, retaining	1				
32	1100051020	• • BOLT	4				
	M1h280						

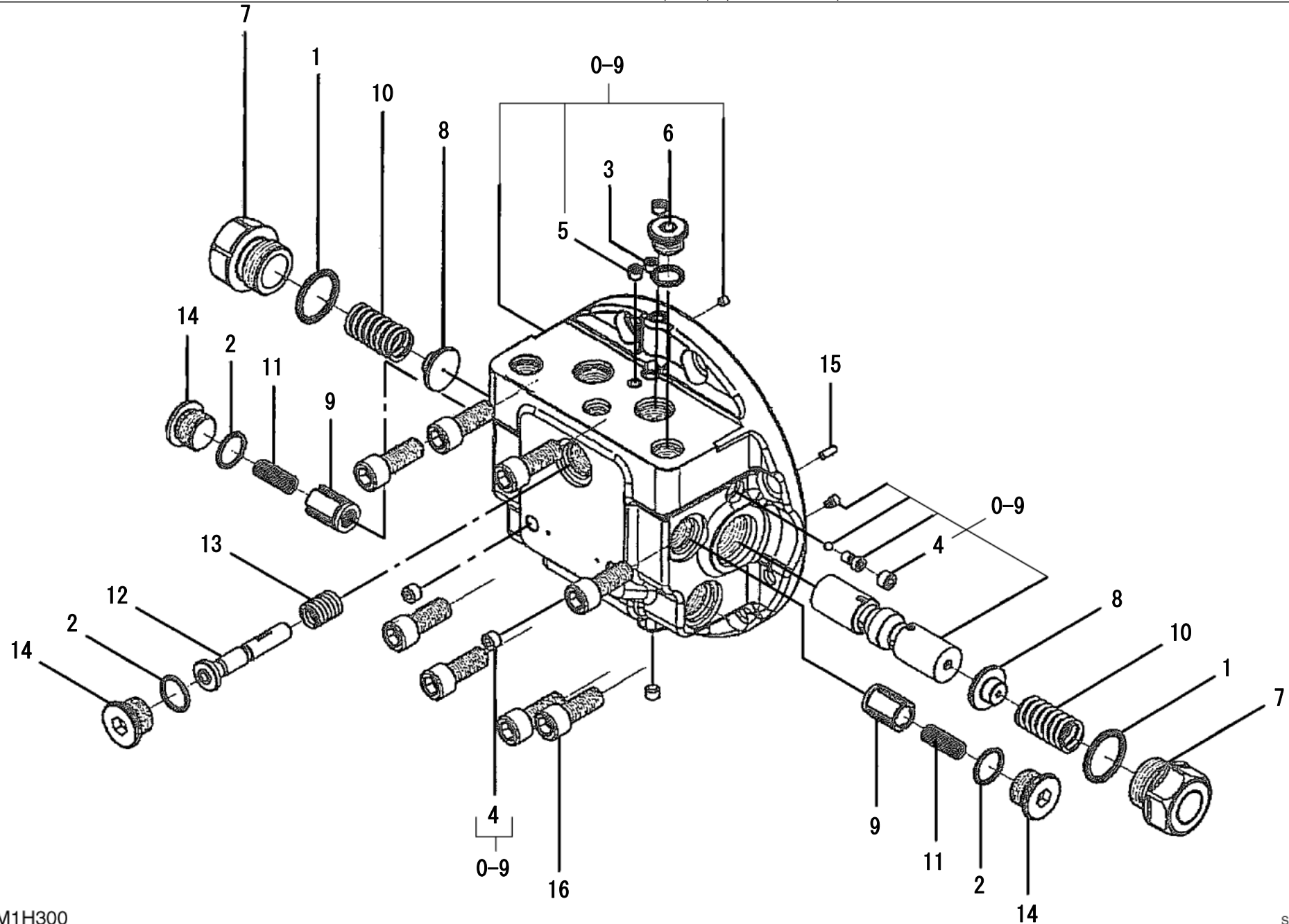
TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
TRAVEL MOTOR (2/3) (motor sec.)



TRAVEL MOTOR (2/3) (motor sec.)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1903127100	MOTOR ASSY, travel	1				
0-3	X *****	• MOTOR ASSY	1				X19039-10200
0-4	1903910299	• • KIT, seal	1				
1	X 1903910211	• • • SEAL, oil	1				
2	X 1903910212	• • • O-RING	1				
3	X 1903910213	• • • O-RING	1				
4	1903910298	• • CYLINDER & PISTON ASSY	1				
5	1903910297	• • PISTON ASSY	1				
6	1903910201	• • SHAFT	1				
7	1903910202	• • PLATE, swash	1				
8	1903910203	• • PLATE	1				
9	1903910204	• • BALL, thrust	1				
10	1903910205	• • PLATE	1				
11	1903907906	• • WASHER	2				
12	1903910206	• • WASHER	1				
13	1903910207	• • PISTON	1				
14	1903907908	• • SPRING	10				
15	1903910208	• • SPRING	1				
16	1903910209	• • PLATE	2				
17	1903910210	• • PLATE	3				
18	1903907915	• • RING, retaining	1				
19	1300006206	• • BEARING	1				
20	1903910214	• • BEARING	1				
21	1903910215	• • NEEDLE	3				
22	1903910216	• • PIVOT	2				
23	1912908413	• • PIN, parallel	2				
24	1903910217	• • SPRING	1				
0-5	1901811700	• VALVE ASSY, relief	2				
25	1420010101	• • O-RING	1				
26	1421020101	• • RING, back-up	2				
27	1420010110	• • O-RING	1				
28	1420010200	• • O-RING	1				
29	1420010125	• • O-RING	1				
30	1421030125	• • RING, back-up	2				
	M1h290						

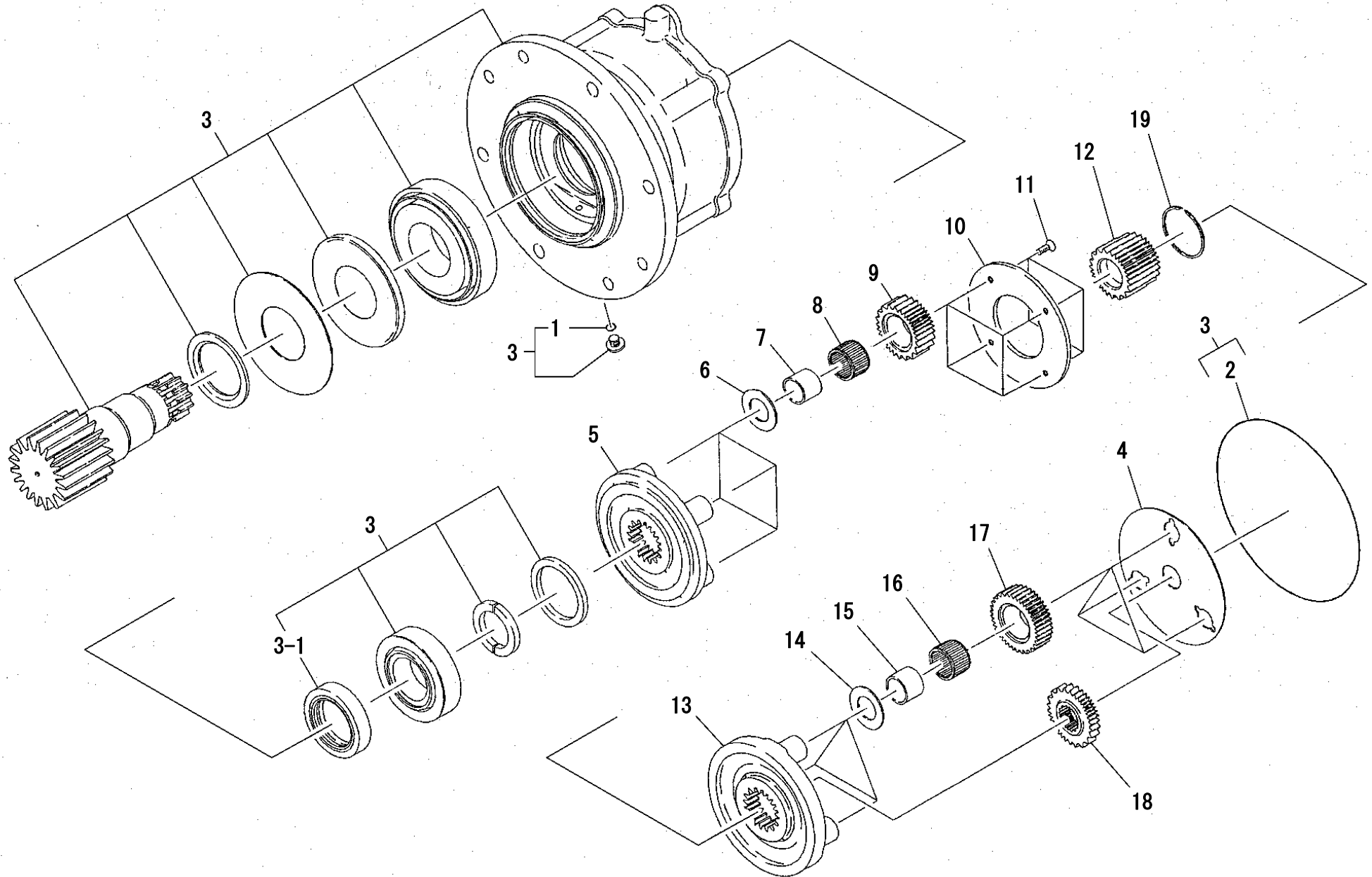
TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
TRAVEL MOTOR (3/3) (valve sec.)



TRAVEL MOTOR (3/3) (valve sec.)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1903127100	MOTOR ASSY, travel	1				
0-6	X *****	• VALVE ASSY	1				X19018-11600
0-7	1901811698	• • FLANGE ASSY	1				
0-8	1901811699	• • • KIT, seal	1				
1	X 1420010260	• • • • O-RING	2				
2	X 1420010180	• • • • O-RING	3				
3	X 1420010140	• • • • O-RING	1				
0-9	1901811697	• • • FLANGE KIT	1				
4	1901811117	• • • • PLUG	3				
5	1901811106	• • • • PLUG	4				
6	1912912220	• • • PLUG	1				
7	1901811602	• • • PLUG	2				
8	1901811603	• • • RETAINER, spring	2				
9	1901811604	• • • VALVE	2				
10	1901811605	• • • SPRING	2				
11	1901811606	• • • SPRING	2				
12	1901811108	• • • SPOOL	1				
13	1901811607	• • • SPRING	1				
14	1912908412	• • • PLUG	3				
15	1212000410	• • PIN, parallel	1				
16	1110021230	• • SCREW, cap	8				
	M1h300						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
SLEW MOTOR (1/2) (reduction sec.)



L3H281

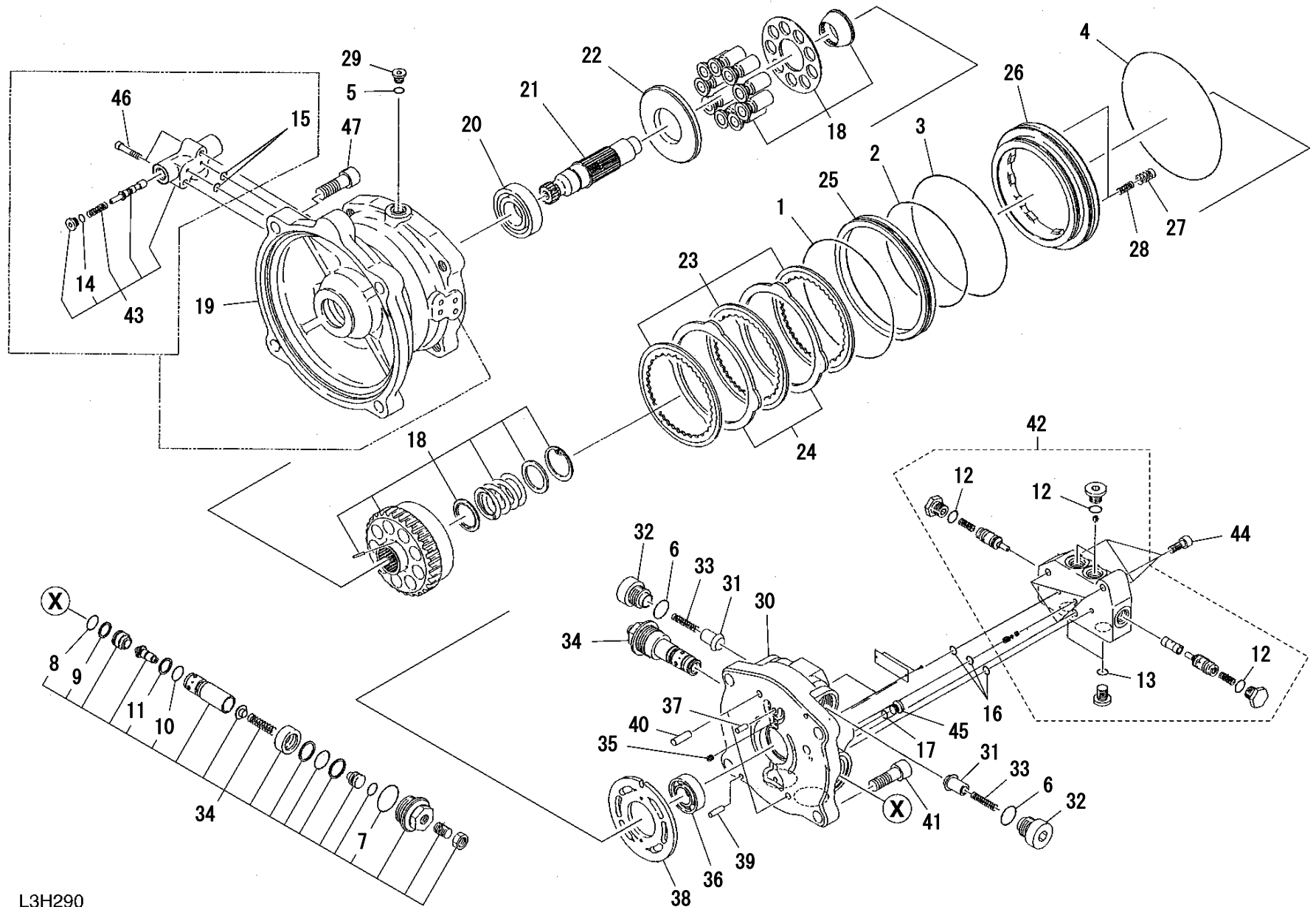
Reference L3H281

S=FREE

SLEW MOTOR (1/2) (reduction sec.)

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1903130100	MOTOR ASSY, slew	1				
0-1	X *****	• GEAR ASSY, reduction	1				X19129-06300
0-2	1912906399	• • KIT, seal	1				
1	X 1420010080	• • • O-RING	1				
2	X 1420310267	• • • O-RING	1				
3	1912906398	• • HOUSING ASSY	1				
3-1	1912906307	• • • SEAL, oil	1				
4	1912906397	• • PLATE KIT, thrust	1				
5	1912906311	• • HOLDER	1				
6	1912906008	• • PLATE, thrust	4				
7	1912906340	• • RACE, inner	4				
8	1912906341	• • BEARING	4				
9	1912906315	• • GEAR	4				
10	1912904213	• • PLATE, thrust	1				
11	1120640816	• • SCREW	4				
12	1912906318	• • GEAR	1				
13	1912906319	• • HOLDER	1				
14	1912905612	• • WASHER, thrust	3				
15	1912905611	• • RACE, inner	3				
16	1912905610	• • BEARING	3				
17	1912906323	• • GEAR	3				
18	1912906325	• • GEAR	1				
19	1912906326	• • RING, snap	1				
	M1h310						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
SLEW MOTOR (2/2) (motor sec.)



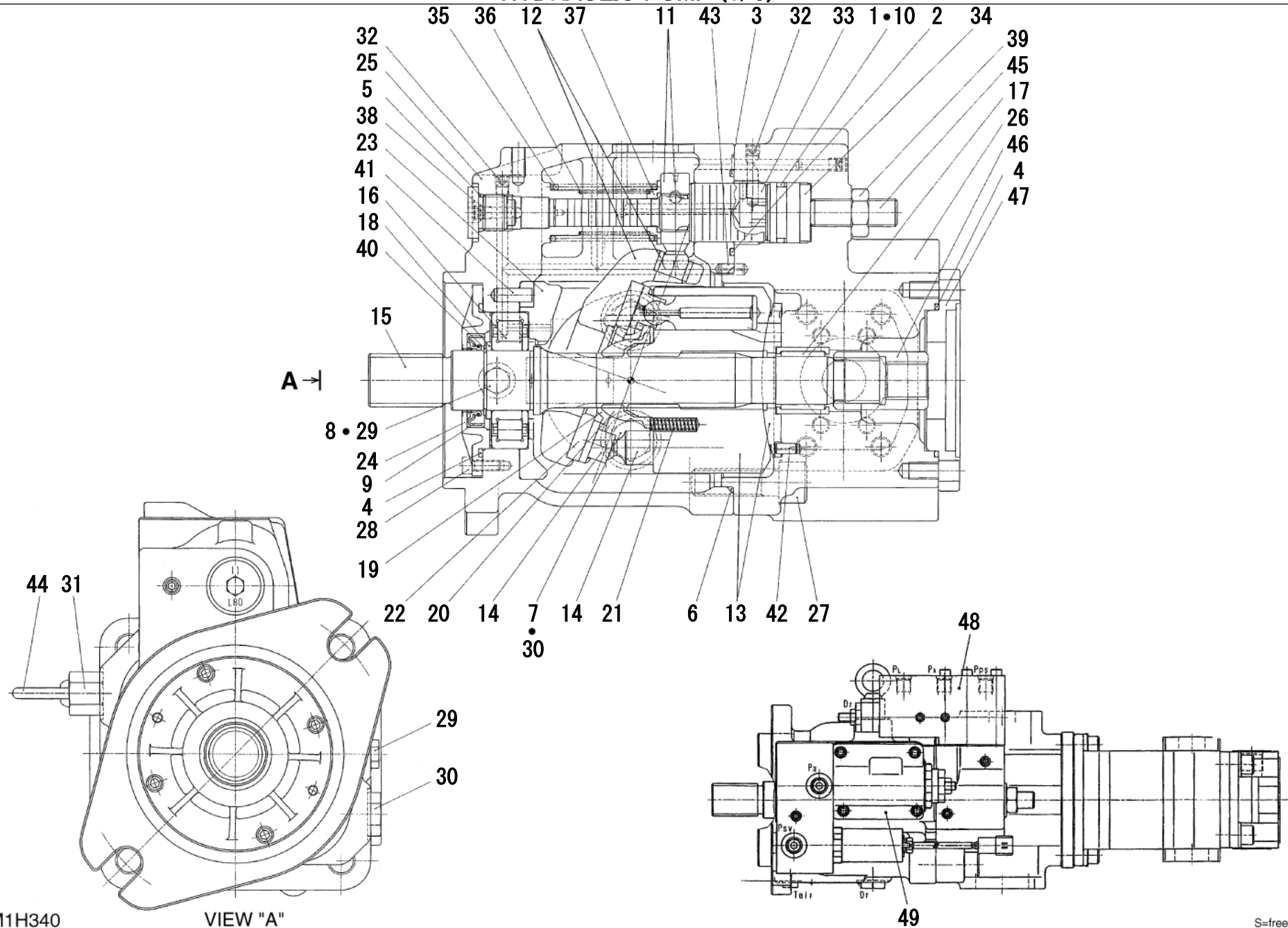
L3H290

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

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1903130100	MOTOR ASSY, slew	1				
0-3	X *****	· MOTOR ASSY	1				X19039-07500
0-4	1903905599	· · KIT, seal	1				
1	X 1420111450	· · · O-RING	1				
2	X 1420111300	· · · O-RING	1				
3	X 1420300257	· · · O-RING	1				
4	X 1420300259	· · · O-RING	1				
5	X 1420010110	· · · O-RING	1				
6	X 1420010210	· · · O-RING	2				
7	X 1420310916	· · · O-RING	1				
8	X 1420010150	· · · O-RING	1				
9	X 1421020150	· · · RING, back-up	1				
10	X 1420010160	· · · O-RING	1				
11	X 1421020160	· · · RING, back-up	1				
12	X 1420010140	· · · O-RING	4				
13	X 1420010110	· · · O-RING	2				
14	X 1420010110	· · · O-RING	1				
15	X 1420010070	· · · O-RING	2				
16	X 1420010100	· · · O-RING	3				
17	X 1420010080	· · · O-RING	1				
18	1903905598	· · BLOCK ASSY, cylinder	1				
19	1903907501	· · CASE	1				
20	1903102003	· · BEARING	1				
21	1903905504	· · SHAFT	1				
22	1903905505	· · PLATE, thrust	1				
23	1903905515	· · DISK	3				
24	1903905516	· · PLATE	2				
25	1903905517	· · COLLAR	1				
26	1903905519	· · PISTON, brake	1				
27	1903905522	· · SPRING	12				
28	1903905523	· · SPRING	8				
29	1501750002	· · PLUG	1				
	1420010110	· · · O-RING	1				
30	1903905527	· · COVER	1				
31	1903904722	· · POPPET	2				
32	1903904723	· · PLUG	2				
33	1903904725	· · SPRING	2				
34	1903907528	· · VALVE, relief	2				
35	1901802713	· · ORIFICE	1				
36	1903115927	· · BEARING	1				
37	1212000610	· · PIN	1				
38	1903115925	· · PLATE	1				
39	1903120119	· · PIN	2				
40	1212000820	· · PIN	2				
41	1110021440	· · SCREW, cap	4				
42	1903905529	· · VALVE ASSY	1				
43	1903905532	· · VALVE ASSY	1				
44	1110020820	· · SCREW, cap	3				
45	1501750003	· · PLUG	1				
	1420010140	· · · O-RING	1				
46	1110020630	· · SCREW, cap	2				
47	1110021440	· SCREW, cap	4				

M1h320

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
HYDRAULIC PUMP (1/3)



M1H340

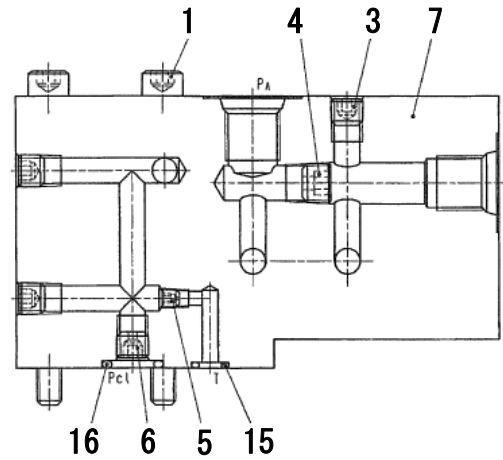
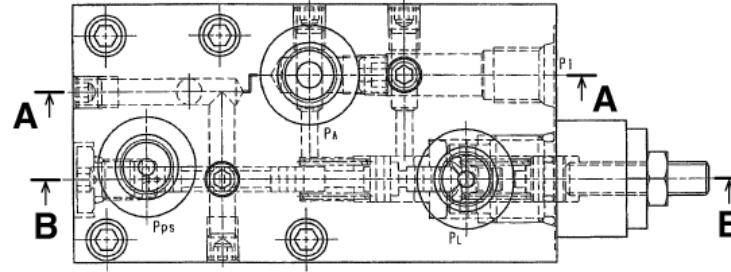
VIEW "A"

Reference M1H340

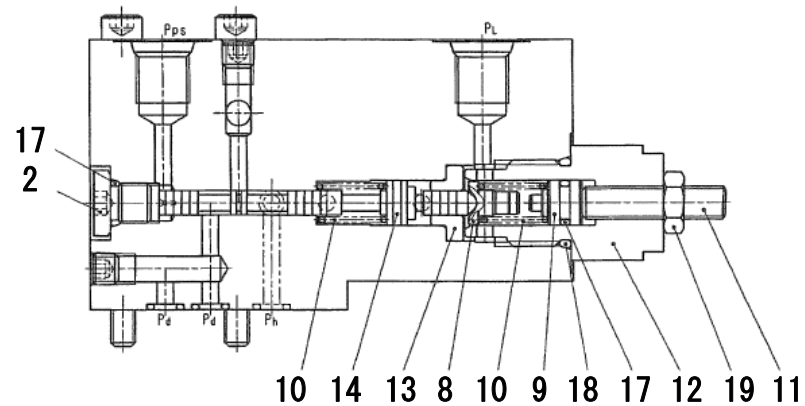
S=free

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1902026700	PUMP, hydraulic	1				
0-1	1902026799	• KIT, seal	1				
1	X 1902023672	• • O-RING	1				
2	X 1902026716	• • O-RING	1				
3	X 1420010080	• • O-RING	3				
4	X 1420110850	• • O-RING	2				
5	X 1420010180	• • O-RING	1				
6	X 1420111250	• • O-RING	1				
7	X 1420310908	• • O-RING	2				
8	X 1420310904	• • O-RING	1				
9	X 1902020920	• • SEAL, oil	1				
10	X 1902026717	• • RING, back-up	1				
11	1902026798	• PIN ASSY	1				
12	1902022997	• PLATE ASSY	1				
13	1902022995	• CYLINDER ASSY	1				
14	1902022994	• PISTON ASSY	1				
15	1902026701	• SHAFT	1				
16	1902020904	• BEARING	1				
17	1902020905	• BEARING	1				
18	1902020906	• SPACER	2				
19	1902026702	• PLATE	1				
20	1902017510	• BUSHING	1				
21	1902020908	• SPRING	9				
22	1902020910	• PLATE	1				
23	1902026703	• SUPPORT	1				
24	1902026704	• COVER	1				
25	1902026705	• CASE	1				
26	1902026706	• COVER	1				
27	1110041650	• SCREW, cap	4				
28	1110040616	• SCREW, cap	4				
29	1902026707	• PLUG	1				
30	1902026708	• PLUG	1				
31	1902026709	• PLUG	1				
32	1901738851	• PLUG	6				
33	1902026710	• PISTON	1				
34	1902026711	• STOPPER	1				
35	1902026712	• SPRING	1				
36	1902026713	• SPRING	1				
37	1902026714	• SEAT, spring	1				
38	1902026715	• PLUG	1				
39	1130050016	• NUT	1				
40	1902026718	• RING, retaining	1				
41	1902026719	• PIN	1				
42	1902020921	• PIN	1				
43	1902026720	• PIN, spring	1				
44	1902026721	• BOLT	1				
45	1902026722	• SET-SCREW	1				
46	1902026723	• COUPLING	1				
47	1902026724	• PLATE	1				
48	1902914000	• REGULATOR ASSY	1				see page (2/3)
49	1902914100	• REGULATOR ASSY	1				see page (3/3)
	M1h340						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
HYDRAULIC PUMP (2/3)



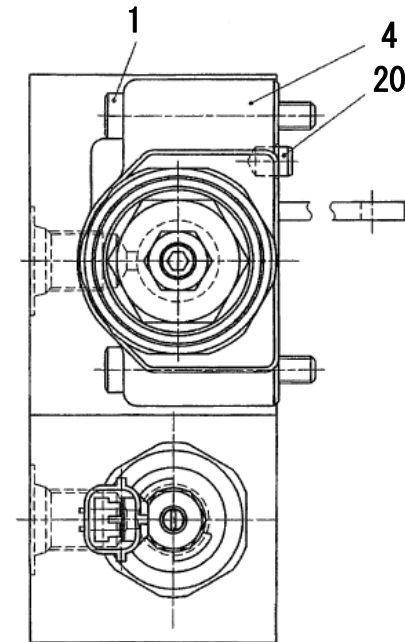
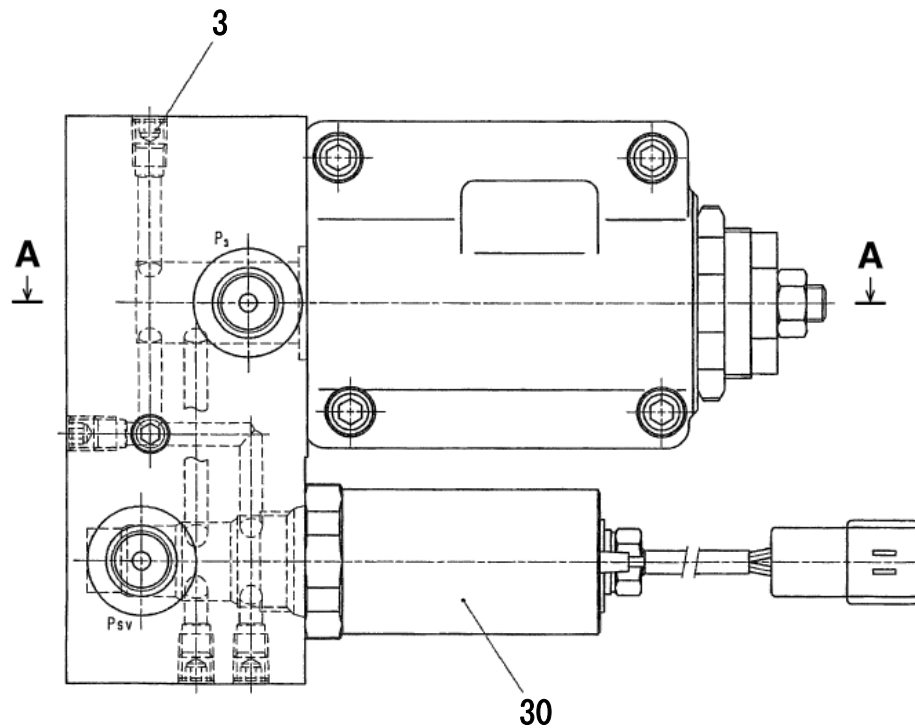
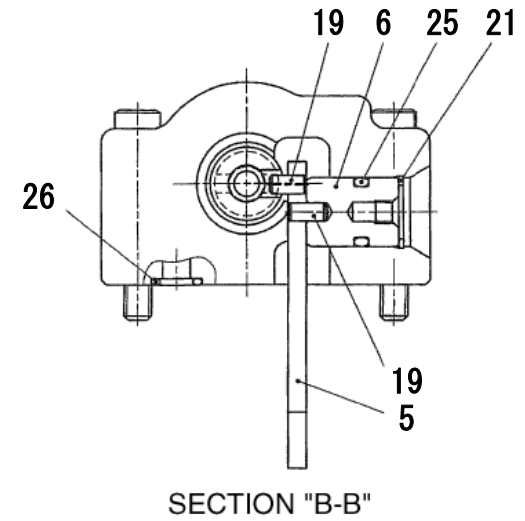
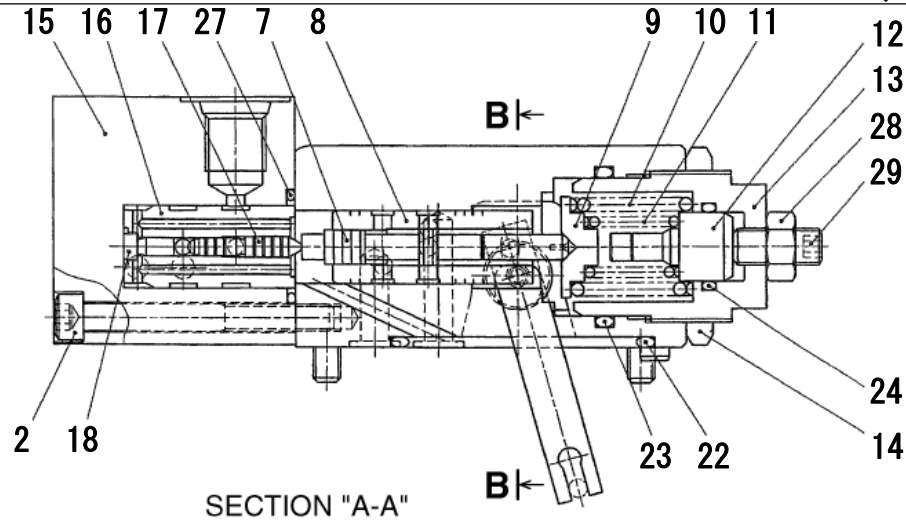
SECTION "A-A"



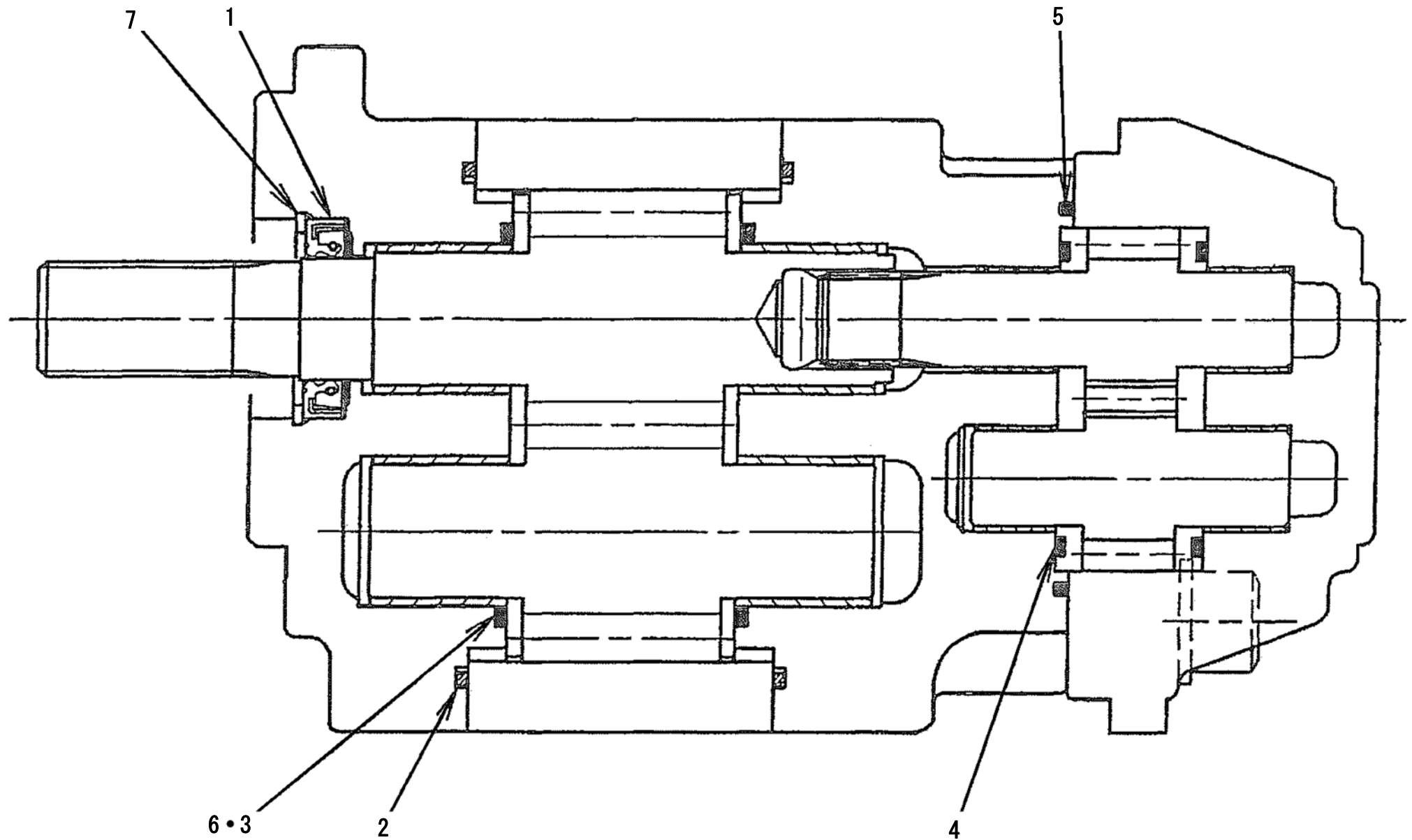
SECTION "B-B"

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0-2	1902914000	REGULATOR ASSY	1				
1	1110040675	· SCREW, cap	4				
2	1902914011	· PLUG	1				
3	1901738851	· PLUG	9				
4	1902914001	· ORIFICE	1				
5	1902914002	· ORIFICE	1				
6	1902914003	· ORIFICE	1				
7	1902914004	· CASE	1				
8	1902914005	· SEAT, spring	1				
9	1902914006	· STOPPER	1				
10	1902914007	· SPRING	2				
11	1121050835	· SET-SCREW	1				
12	1902914008	· PLUG	1				
13	1902914009	· SLEEVE	1				
14	1902914010	· SPOOL	1				
15	1420010060	· O-RING	4				
16	1420010110	· O-RING	1				
17	1420010080	· O-RING	2				
18	1420010180	· O-RING	1				
19	1130050008	· NUT	1				
	M1h350						

TB290 [P-TB290BAD] Book No. BM0Z001-2 S/N 190000001-
HYDRAULIC PUMP (3/3)



Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0-3	1902914100	REGULATOR ASSY	1				
1	1110040640	· SCREW, cap	4				
2	1110040655	· SCREW, cap	4				
3	1901738851	· PLUG	5				
4	1902914101	· CASE	1				
5	1902914102	· LEVER	1				
6	1902914103	· PLUG	1				
7	1902914104	· SPOOL	1				
8	1902914105	· SLEEVE	1				
9	1902914106	· SEAT, spring	1				
10	1902914107	· SPRING	1				
11	1902914108	· SPRING	1				
12	1902914109	· STEM, adjust	1				
13	1902914110	· PLUG	1				
14	1902914111	· NUT	1				
15	1902914112	· COVER	1				
16	1902914113	· CASE	1				
17	1902914114	· PISTON	1				
18	1902914115	· STOPPER	1				
19	1902914116	· PIN	2				
20	1902914117	· PIN	1				
21	1902914118	· RING, retaining	1				
22	1420110500	· O-RING	1				
23	1420110300	· O-RING	1				
24	1420010150	· O-RING	1				
25	1420010110	· O-RING	1				
26	1420010080	· O-RING	2				
27	1420010210	· O-RING	1				
28	1130050008	· NUT	1				
29	1902914119	· SET-SCREW	1				
30	1902914120	· VALVE, solenoid	1				
	M1h360						



M1H370

S=free

GEAR PUMP

Item	Part number	Description	Q'ty	Chan.	Serial No.	Serv.	Remarks
0	1902026800	PUMP ASSY, gear	1				
0-1	1902026899	• KIT, seal	1				
1	X 1902017618	• • SEAL, oil	1				
2	X 1902017616	• • GASKET	2				
3	X 1902017613	• • GASKET	2				
4	X 1902011050	• • GASKET	2				
5	X 1902025101	• • GASKET	1				
6	X 1902017615	• • RING, back-up	2				
7	X 1221000036	• • RING, snap	1				
	M1h370						

NUMERICAL INDEX

Part number	Page	Item	Part number	Page	Item	Part number	Page	Item	Part number	Page	Item	Part number	Page	Item
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