

1. This Parts Catalog carries Yanmar crawler back-hoe Vio10-2(for Europe).

Pub. No. : 000Y00S4290

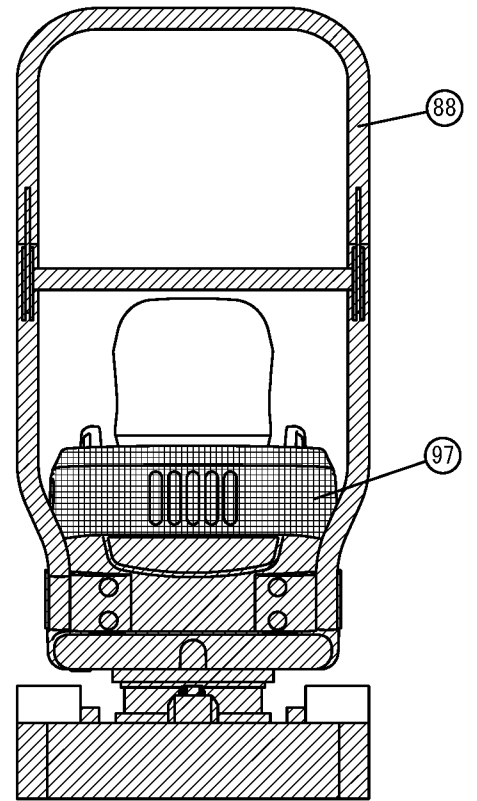
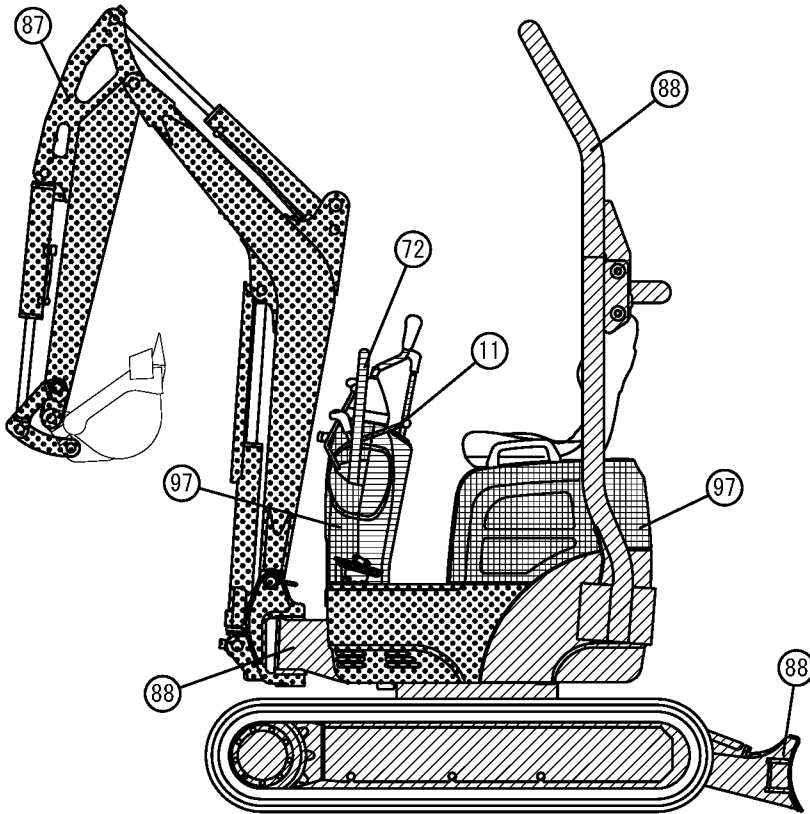
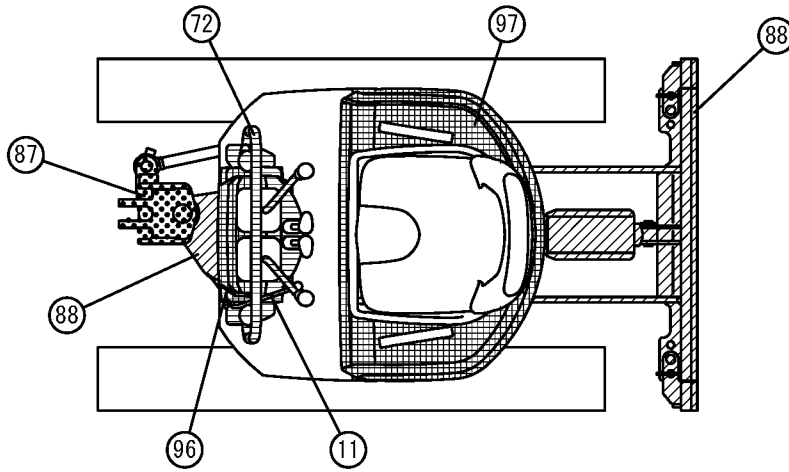
Published : Jun., 2003

2. Model name

SECTION	Column	Model name	M/#	Manufactured
I (Vehicle)	(A)	Vio10-2	20749~	2003/3~
II (Engine)	(A)	3TNE68-EBVB	93513~	2003/2~

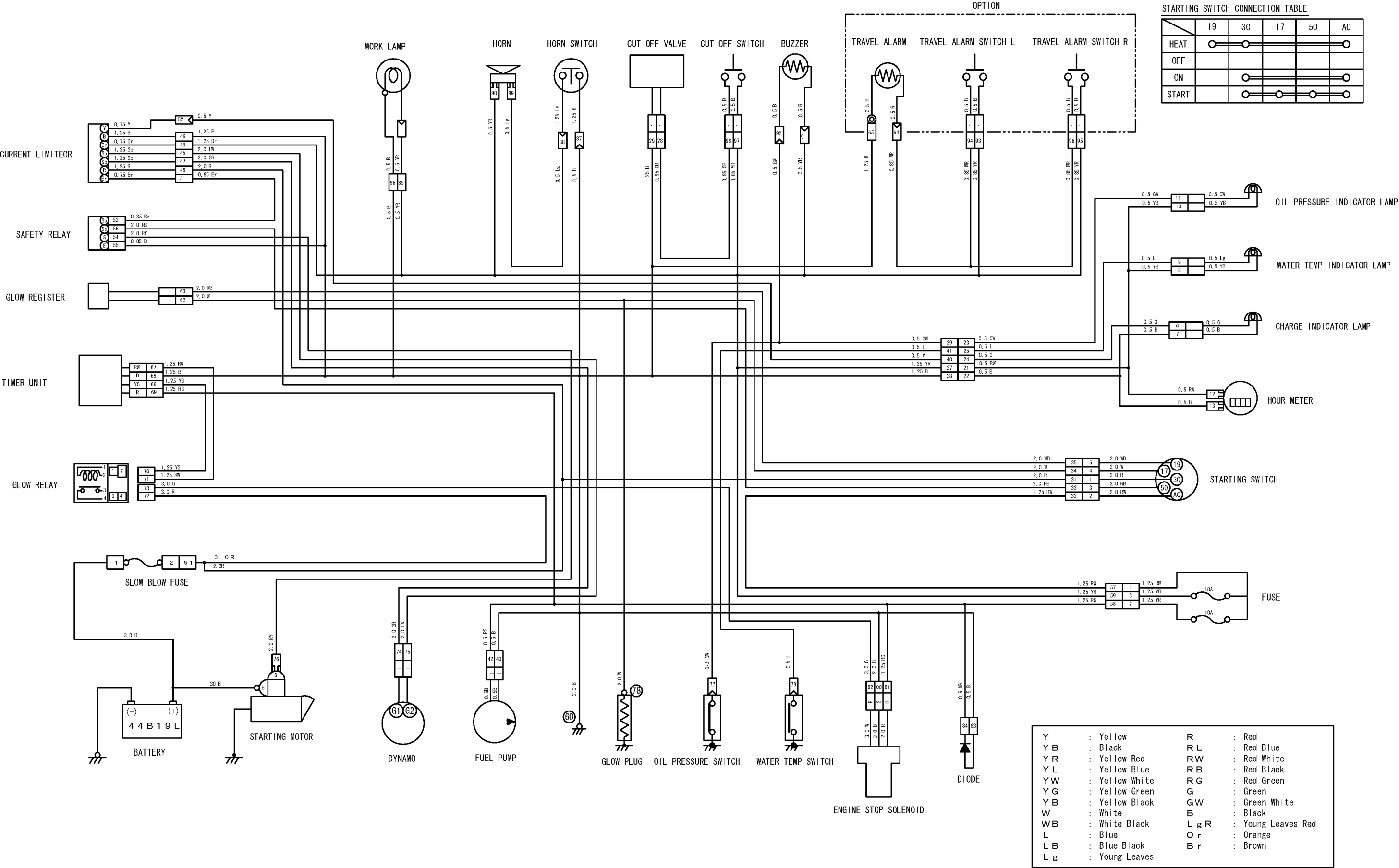
3. Your understanding is asking that this parts catalog is not a technical data manual setting forth as servicing procedures, This parts catalog is using simplified illustration.
Be sure to use Yanmar Genuine Parts in your maintenance servicing of Yanmar products.
Be careful not to use the simple parts available in the market, otherwise their use in repairing causes such as an early breakage, for instance.

VEHICLE PAINTED COLOR



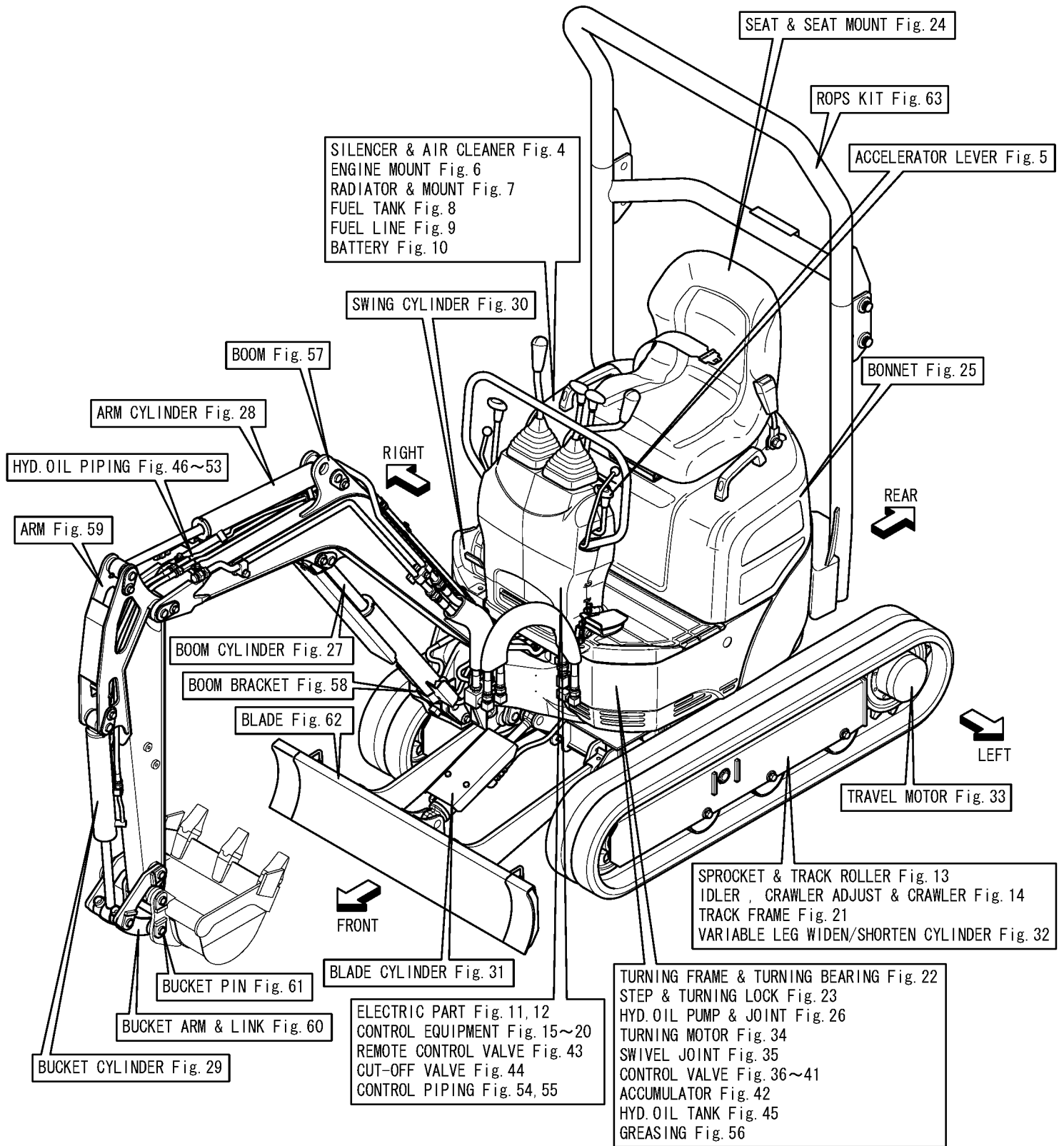
Color Code	Description	Painted Color	Munsell No.	Paint Part No.		
				16L Can	4L Can	SPRAY
87		YANMAR New Permanent Yellow	5. 15Y8. 45/10. 81	981101-09519	977620-40870	977620-30871
97		YANMAR Peacock Green	2. 99B65. 27/9. 28	981101-09597	977620-40970	977620-30971
88		YANMAR New Deep Green	0. 37B1. 99/4. 42	981101-09588	977620-40880	977620-30881
72		YANMAR Dark Olive Gray	7. 21Y2. 92/0. 79	-----	977620-40720	T0R-90460003
11		YANMAR Red	7. 61R3. 74/14. 52	-----	T0R-91000001	T0R-90000003

WIRING DIAGRAM



PICTURESQUE INDEX (1) . . . MAIN PARTS

LABEL Fig.1
SAFETY LABEL Fig.2
ACCESSORY Fig.3



PICTURESQUE INDEX (2) . . . HYDRAULIC SECTION

HYD. OIL PIPING Fig. 46~53

CONTROL PIPING Fig. 54, 55

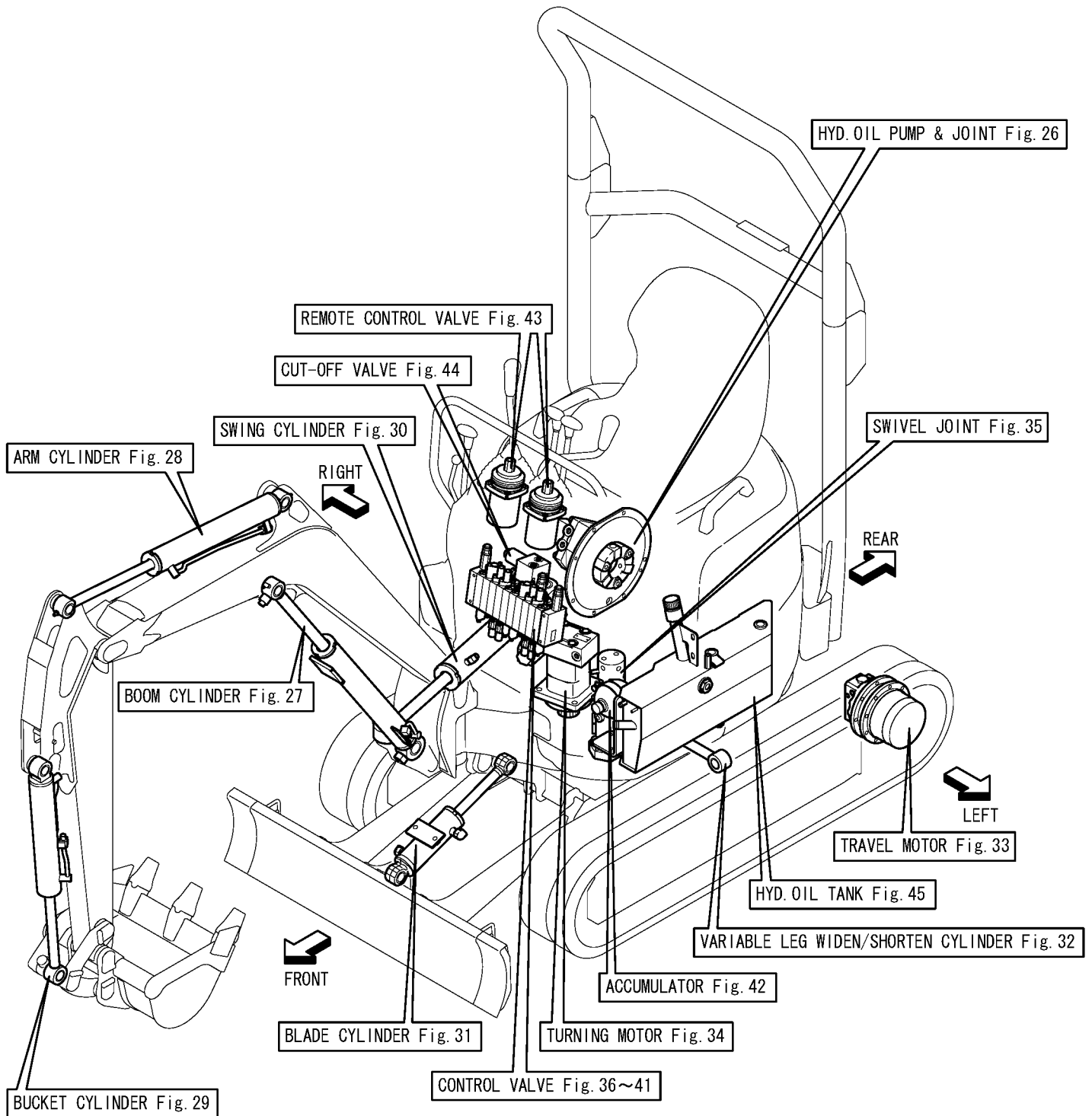


Fig. 3 ACCESSORY

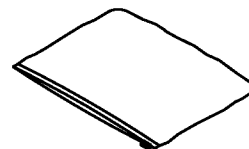
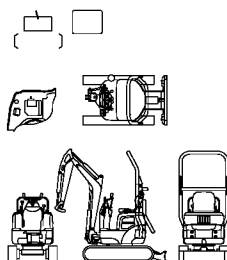


Fig. 6 ENGINE MOUNT

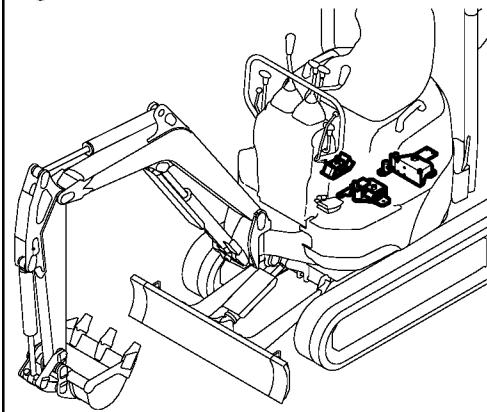
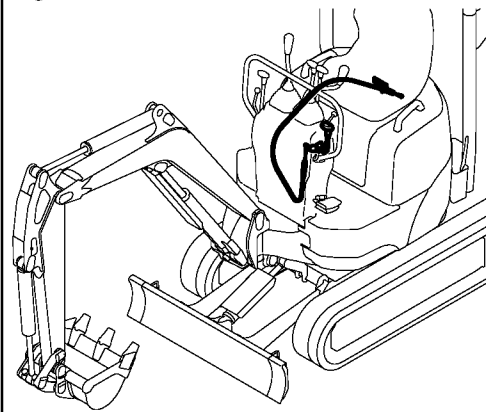
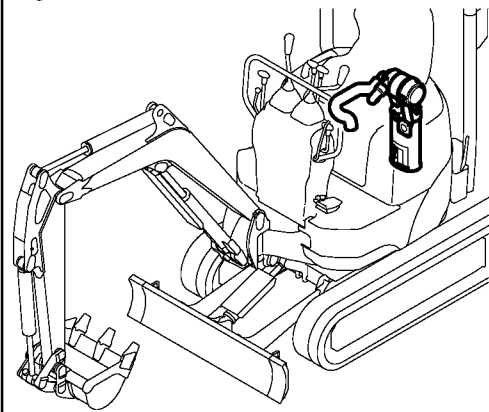


Fig. 9 FUEL LINE

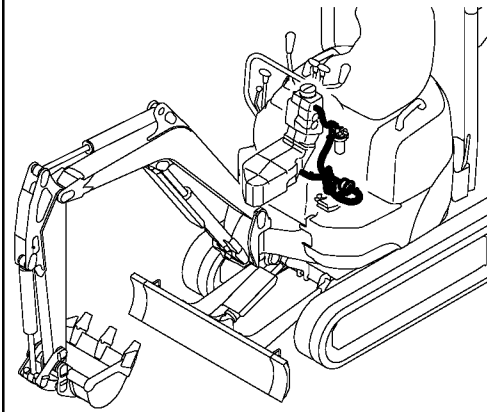
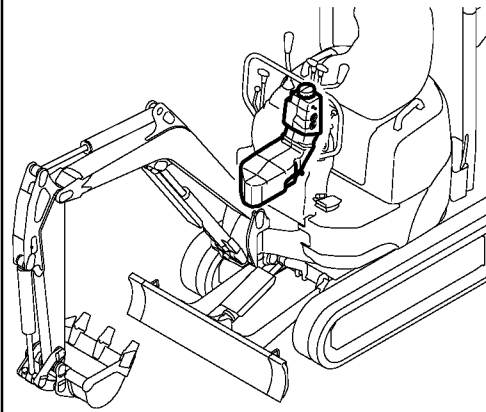
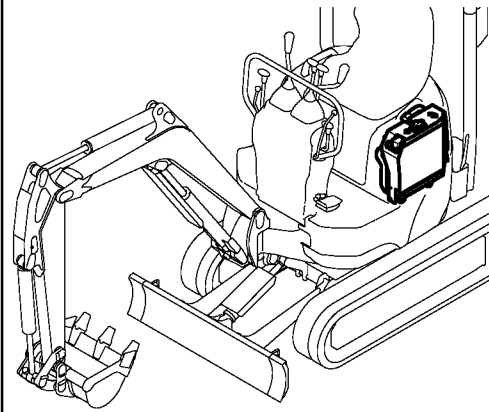


Fig. 12 ELECTRIC PART (EQUIPMENT)

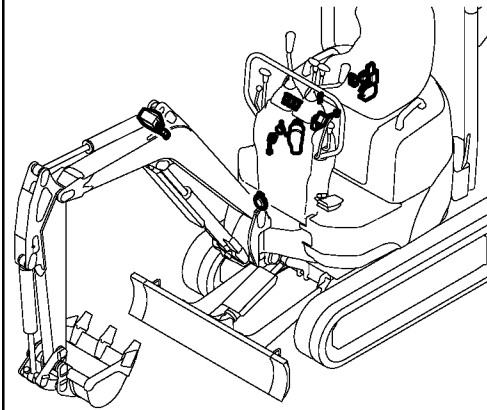
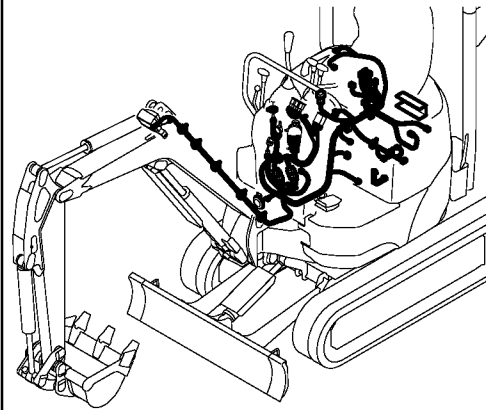
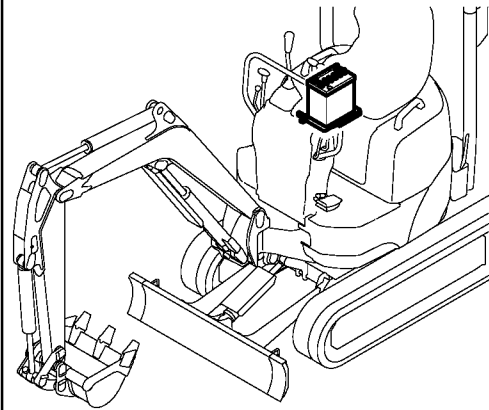


Fig. 13 SPROCKET & TRACK ROLLER

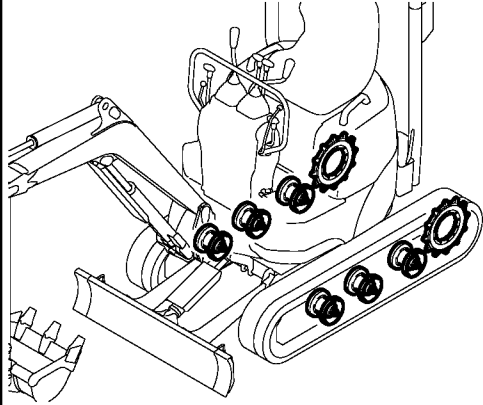


Fig. 14 IDLER, CRAWLER ADJUST & CRAWLER

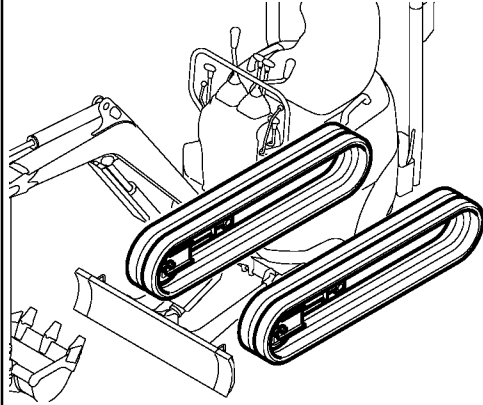


Fig. 15 CONTROL EQUIPMENT (LINK STAND)

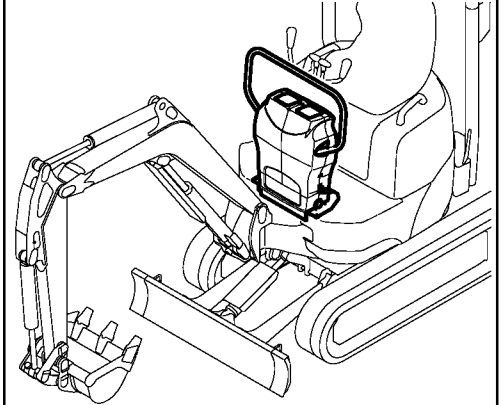


Fig. 16 CONTROL EQUIPMENT (STOPPER)

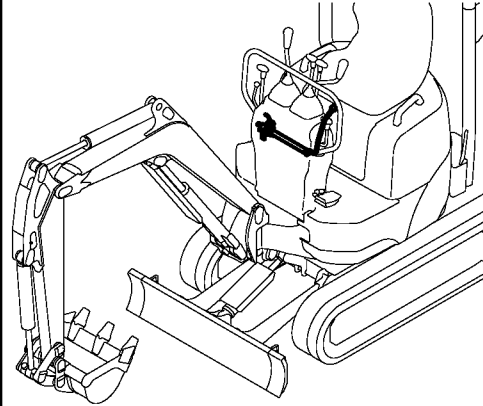


Fig. 17 CONTROL EQUIPMENT (OPERATION)

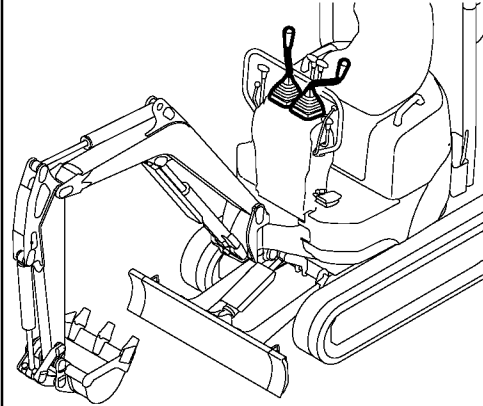


Fig. 18 CONTROL EQUIPMENT (TRAVEL & BLADE)

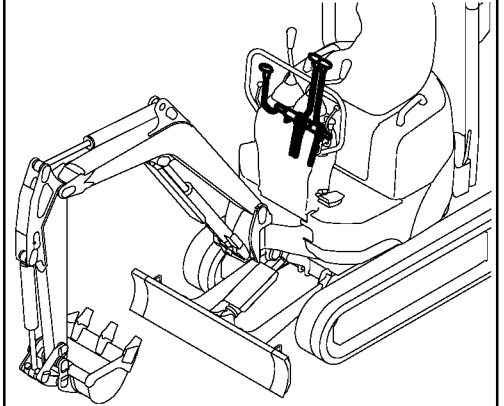


Fig. 19 CONTROL EQUIPMENT (PEDAL)

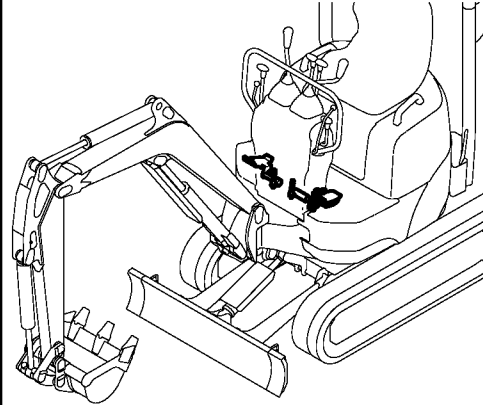


Fig. 20 CONTROL EQUIPMENT (VARIABLE LEG OPERATE)

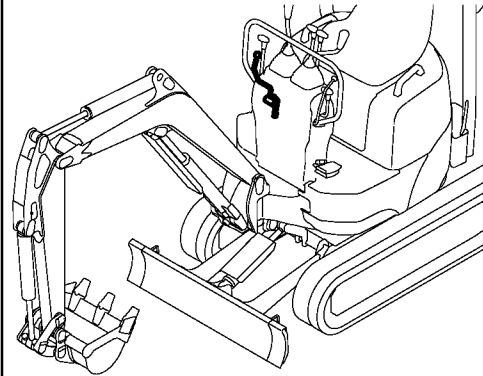


Fig. 21 TRACK FRAME

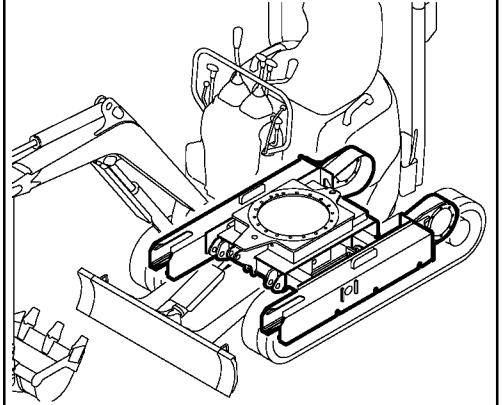


Fig. 22 TURNING FRAME & TURNING BEARING

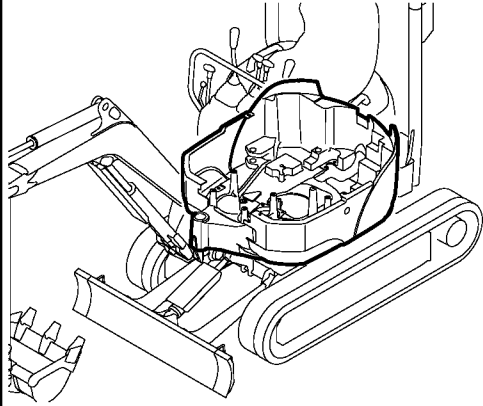


Fig. 23 STEP & TURNING LOCK

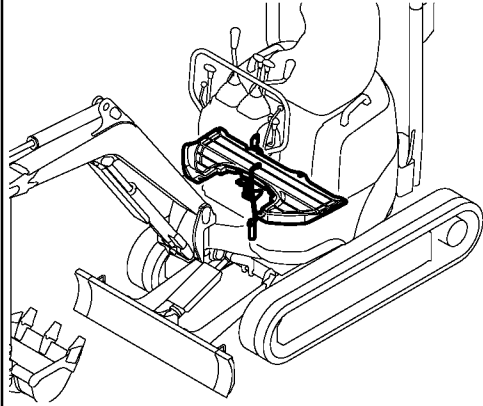


Fig. 24 SEAT & SEAT MOUNT

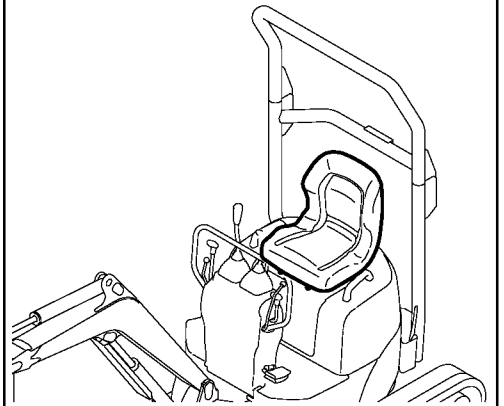


Fig. 25 BONNET

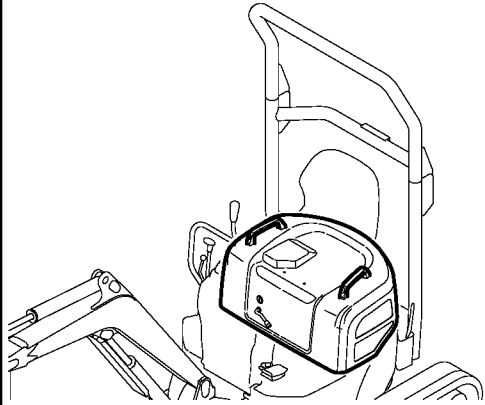


Fig. 26 HYD. OIL PUMP & JOINT

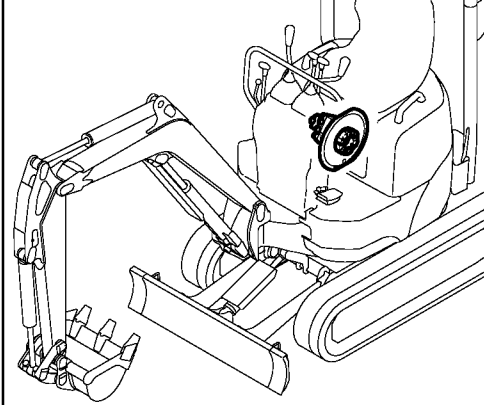


Fig. 27 BOOM CYLINDER

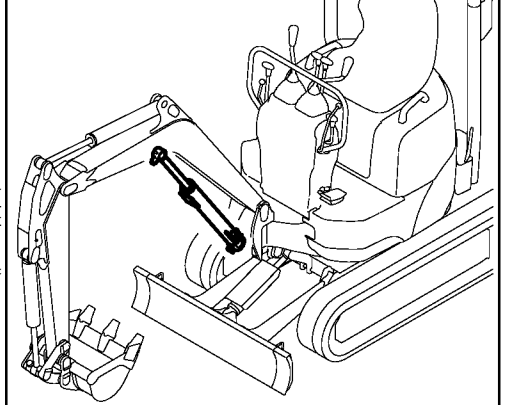


Fig. 28 ARM CYLINDER

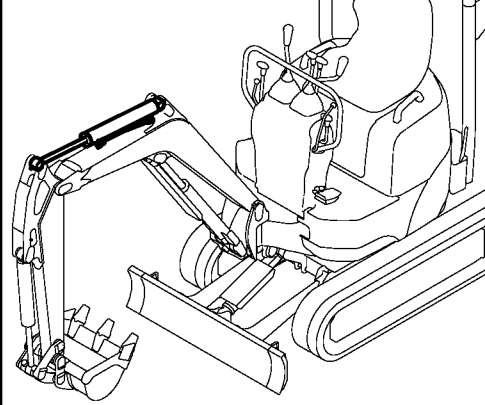


Fig. 29 BUCKET CYLINDER

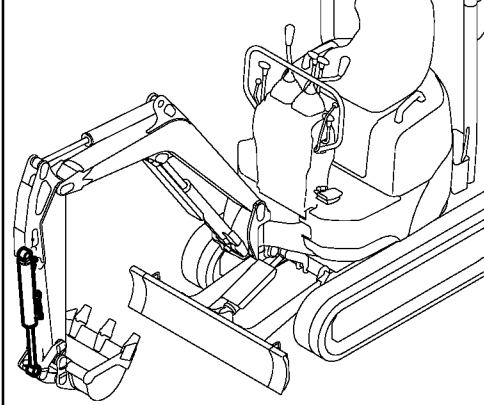


Fig. 30 SWING CYLINDER

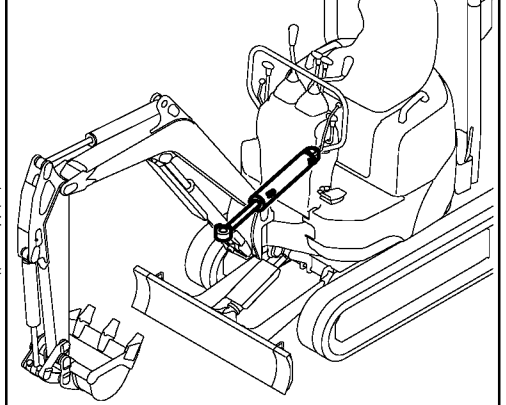


Fig. 31 BLADE CYLINDER

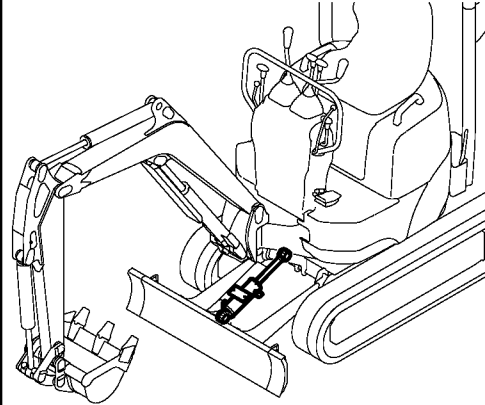


Fig. 32 VARIABLE LEG WIDEN/SHORTEN
CYLINDER

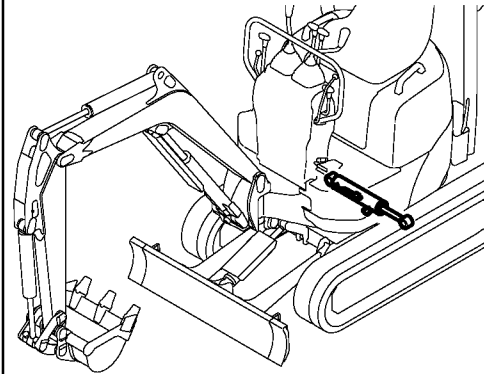


Fig. 33 TRAVEL MOTOR

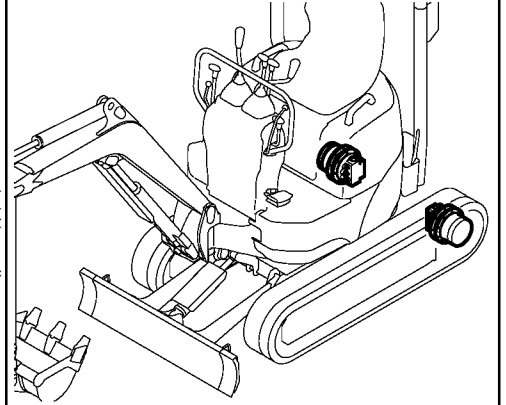


Fig. 34 TURNING MOTOR

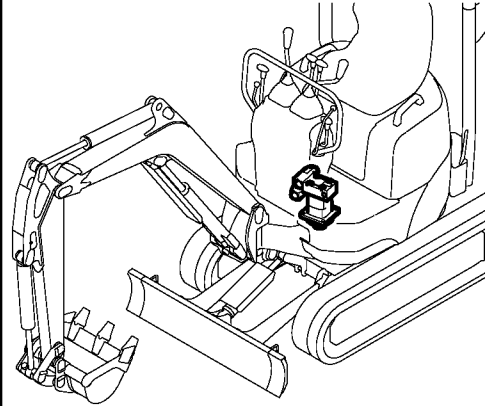


Fig. 35 SWIVEL JOINT

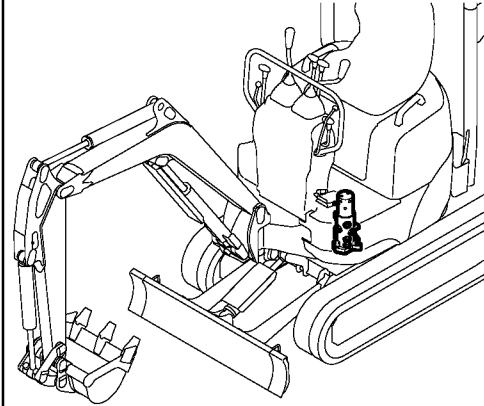


Fig. 36 CONTROL VALVE
(P1 PORT & VARIABLE LEG)

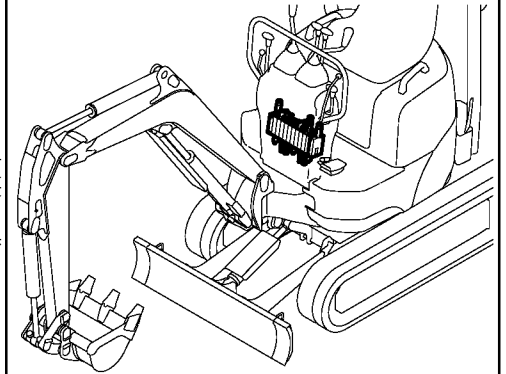


Fig. **37** CONTROL VALVE (SWING & BOOM)

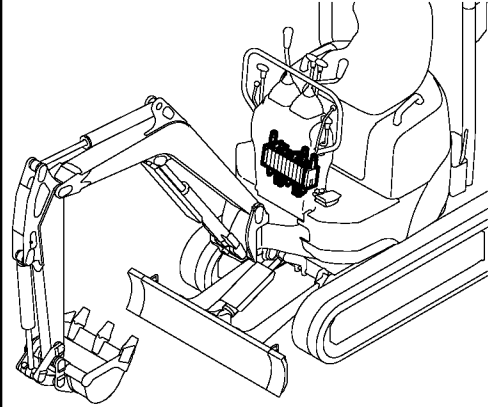


Fig. **38** CONTROL VALVE
(BUCKET & TRAVEL : RIGHT)

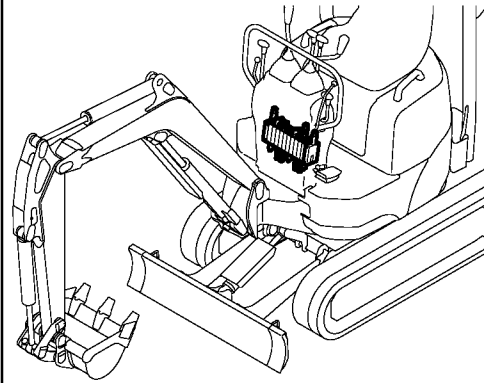


Fig. **39** CONTROL VALVE (BLADE & P. T. O.)

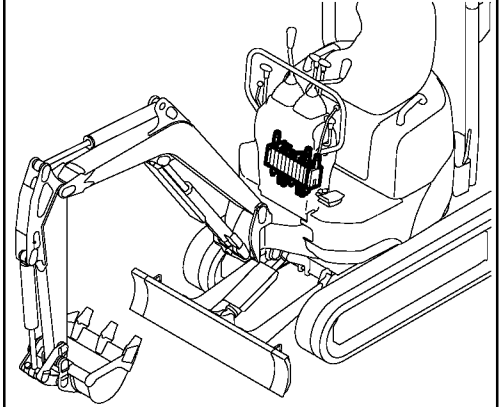


Fig. **40** CONTROL VALVE (ARM & TURNING)

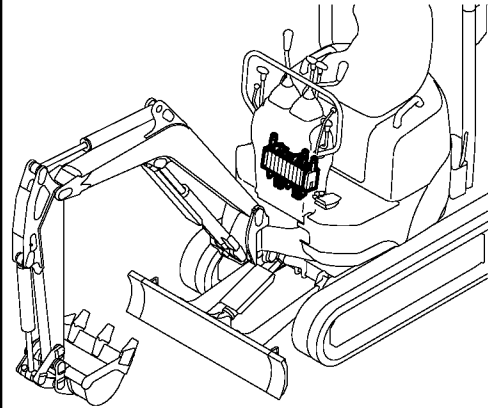


Fig. **41** CONTROL VALVE
(TRAVEL : LEFT & P2 PORT)

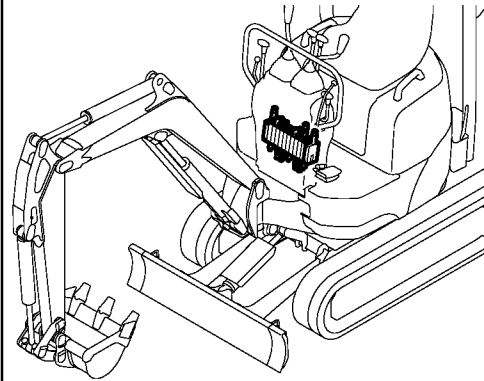


Fig. **42** ACCUMULATOR

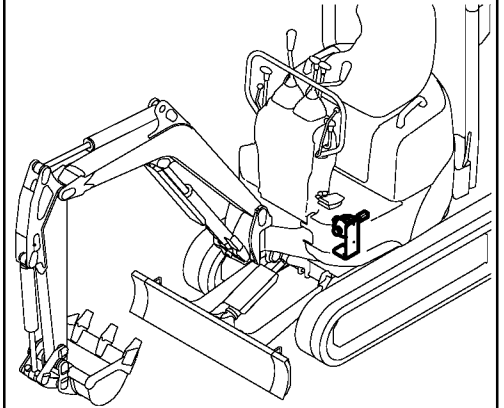


Fig. **43** REMOTE CONTROL VALVE

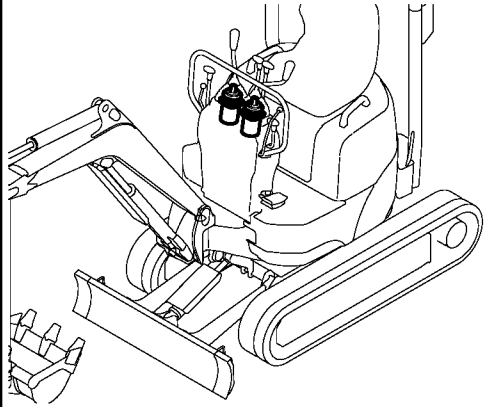


Fig. **44** CUT-OFF VALVE

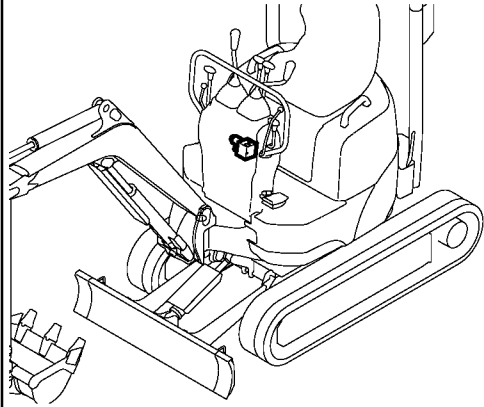


Fig. **45** HYD. OIL TANK

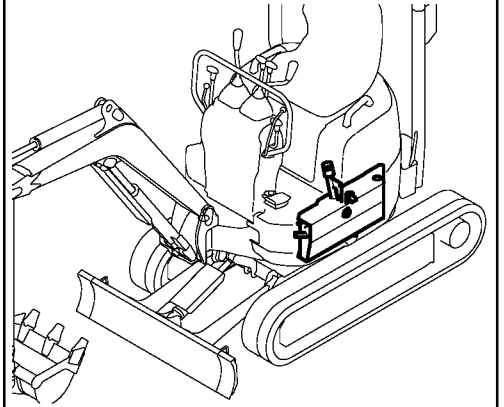


Fig. **46** HYD. OIL PIPING (TANK-PUMP-VALVE)

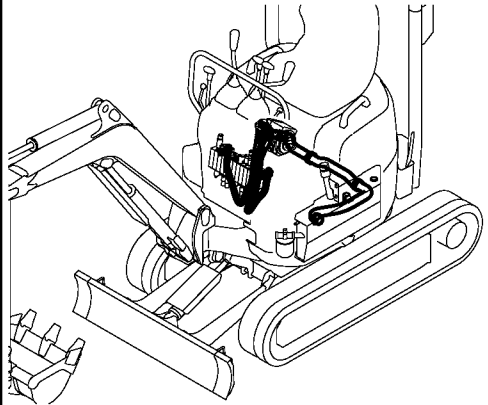


Fig. **47** HYD. OIL PIPING (VALVE-MOTOR, BOOM)

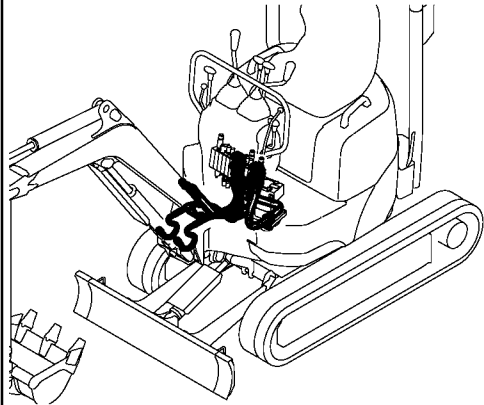


Fig. **48** HYD. OIL PIPING
(VALVE-SWIVEL, SWING)

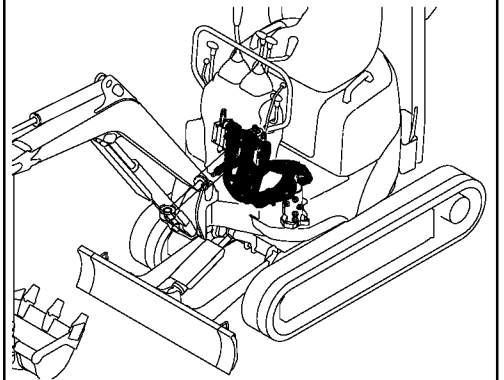


Fig. 49 HYD. OIL PIPING (RETURN)

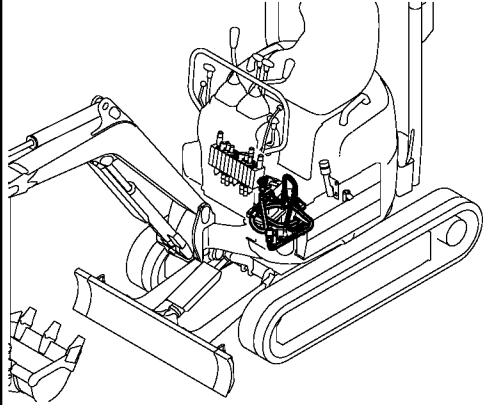


Fig. 50 HYD. OIL PIPING (P. T. O. : FRAME END)

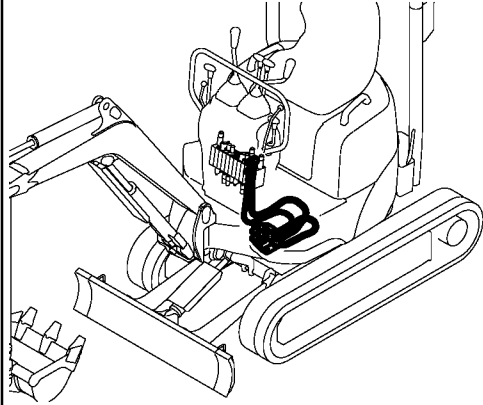


Fig. 51 HYD. OIL PIPING (TRACK FRAME)

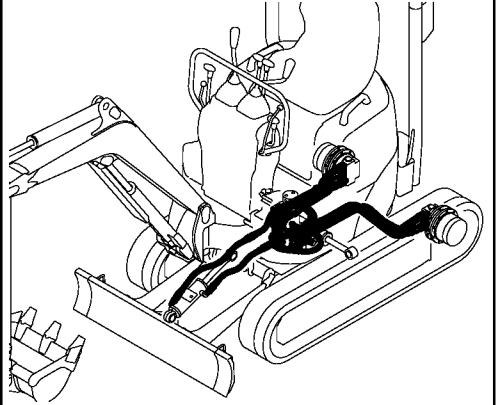


Fig. 52 HYD. OIL PIPING (BOOM)

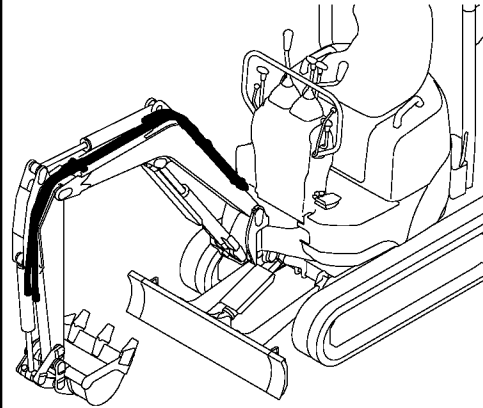


Fig. 53 HYD. OIL PIPING (P. T. O. : BOOM END)

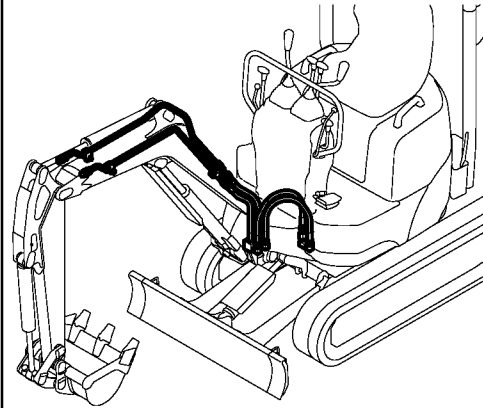


Fig. 54 CONTROL PIPING (PUMP-VALVE-RETURN)

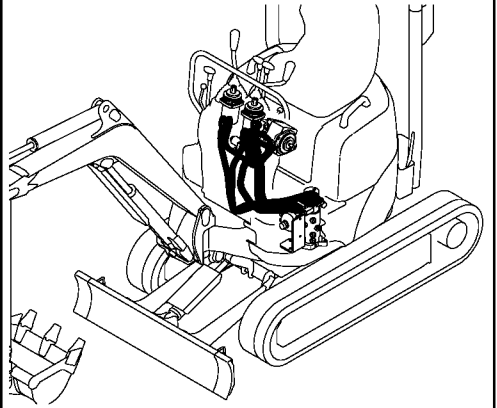


Fig. 55 CONTROL PIPING (REMOTE CONTROL VALVE-CONTROL VALVE)

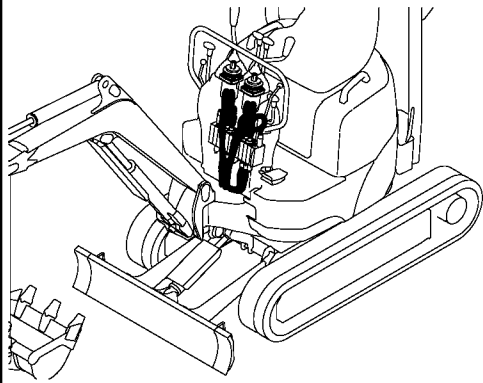


Fig. 56 GREASING

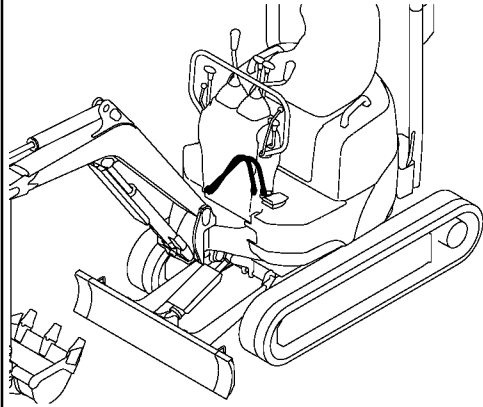


Fig. 57 BOOM

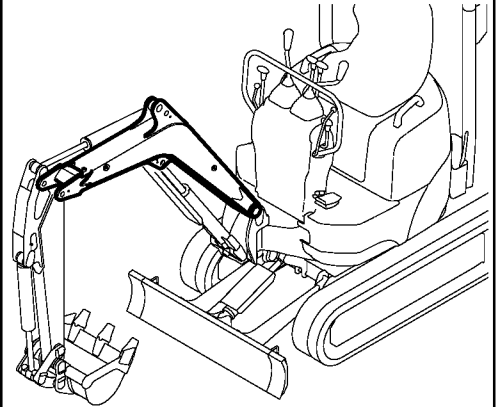


Fig. 58 BOOM BRACKET

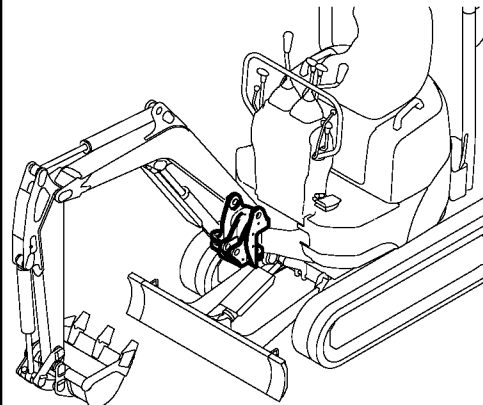


Fig. 59 ARM

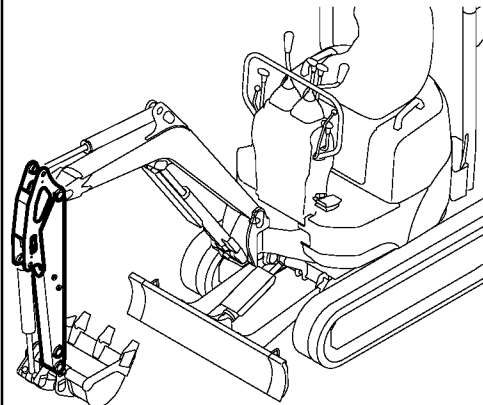
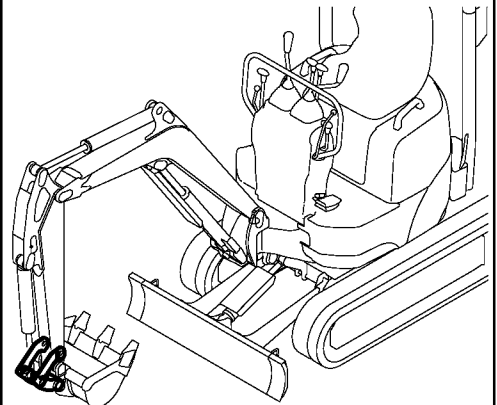


Fig. 60 BUCKET ARM & LINK



PICTURESQUE INDEX (3) . . . FIGURE

Fig. **61** BUCKET PIN

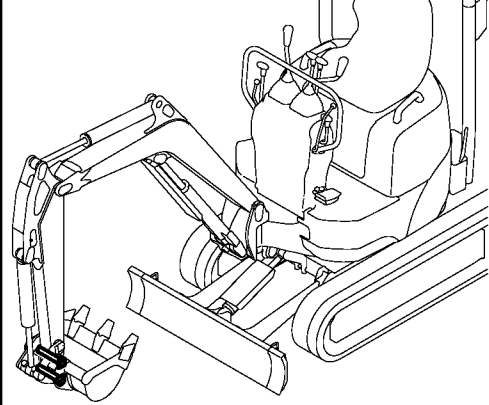


Fig. **62** BLADE

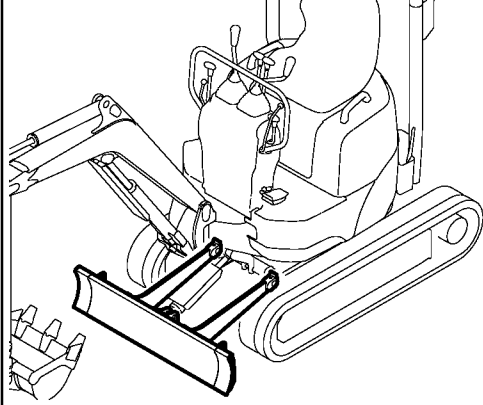
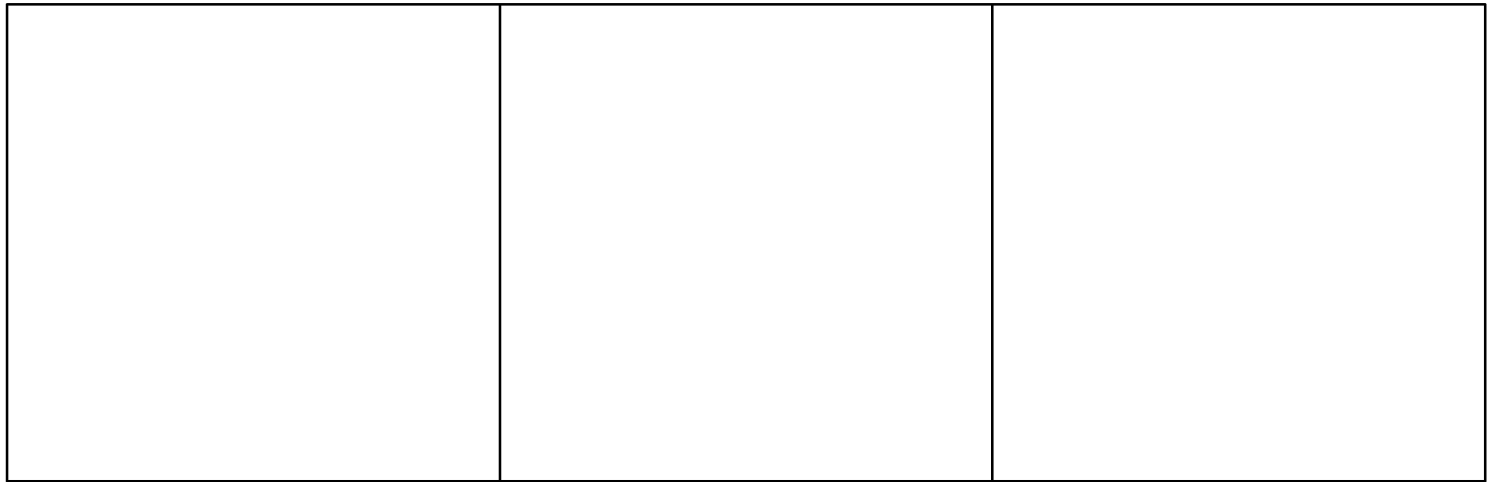
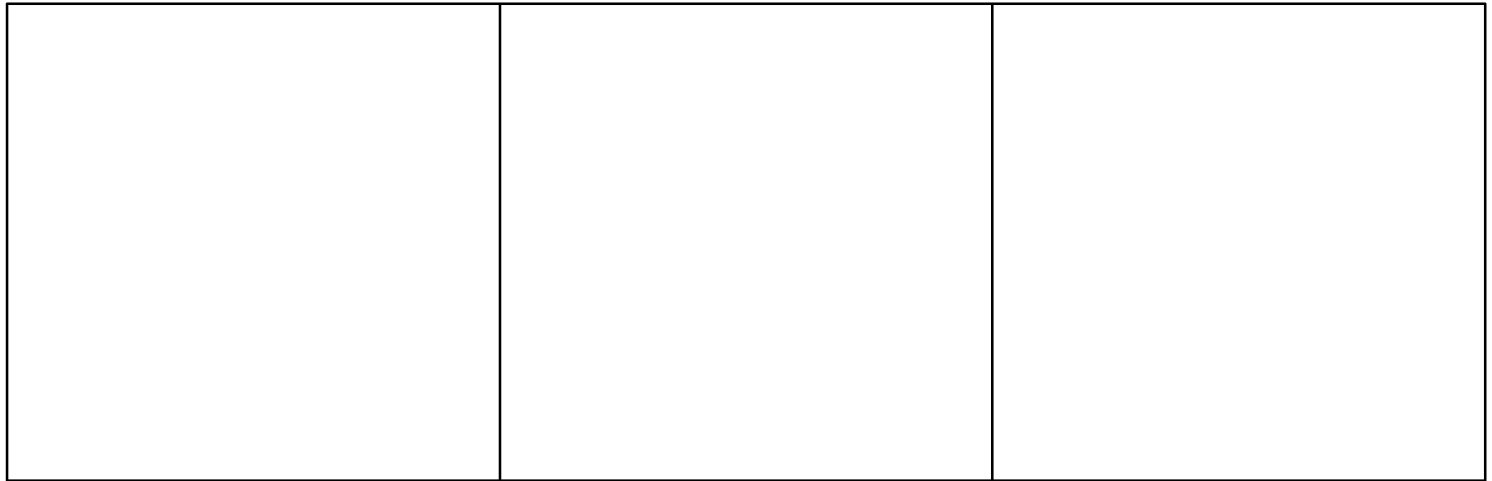
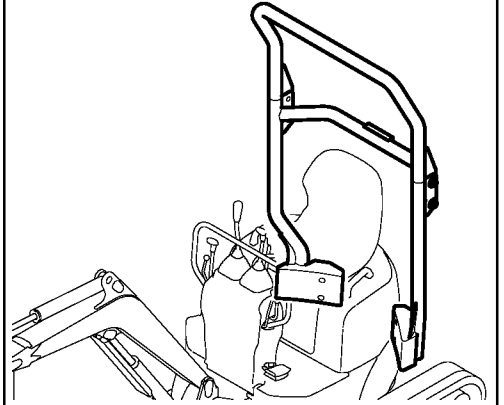
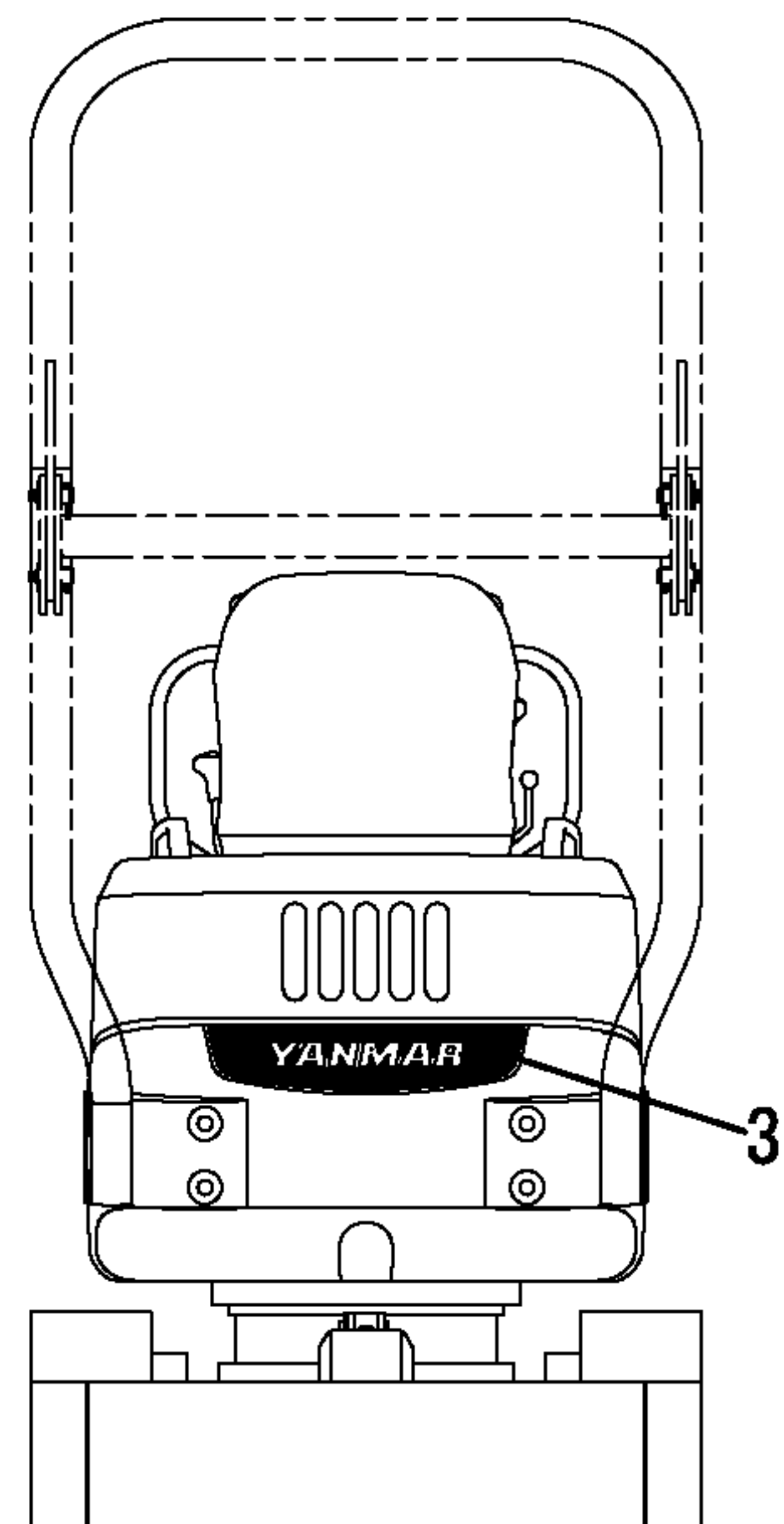
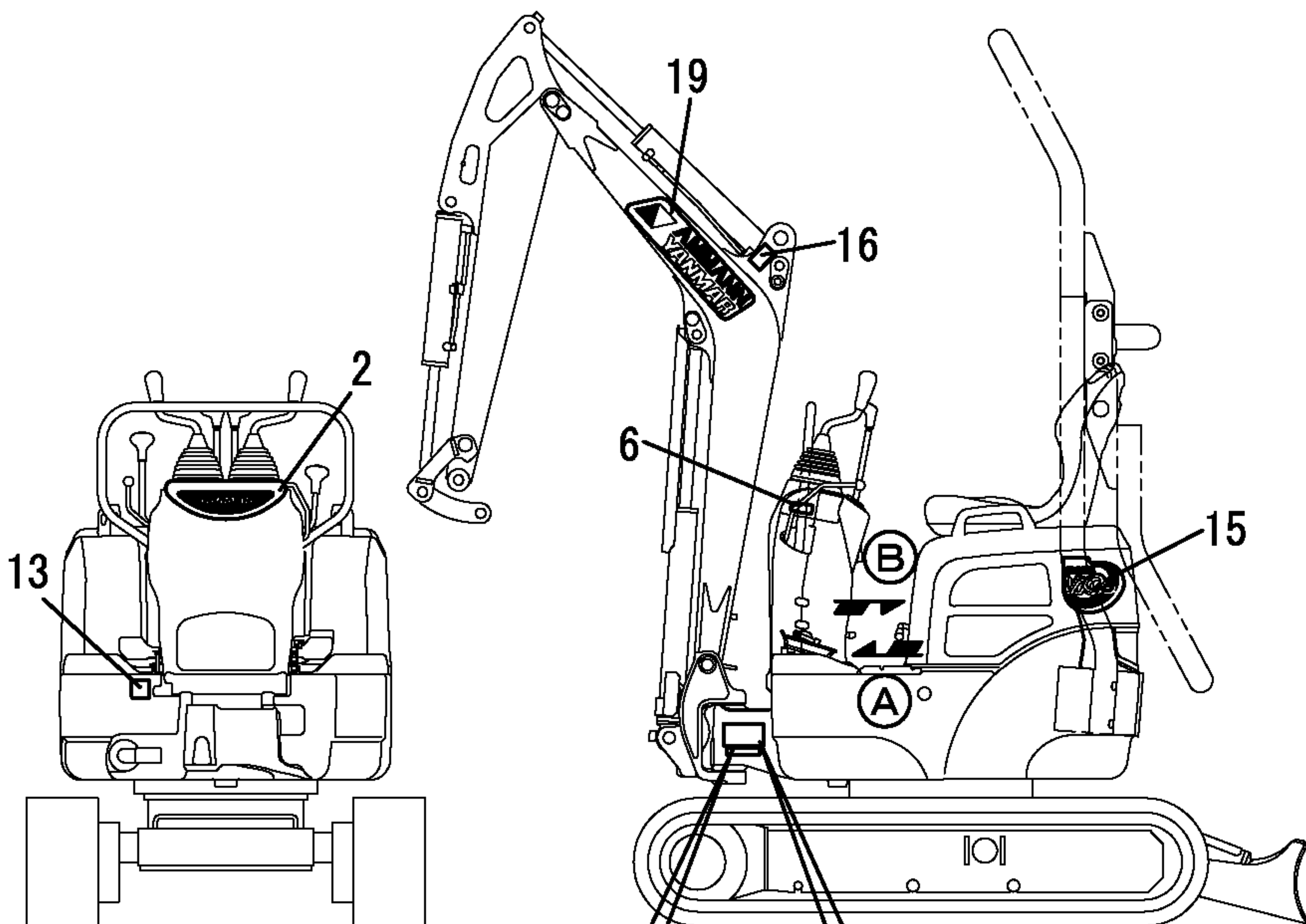
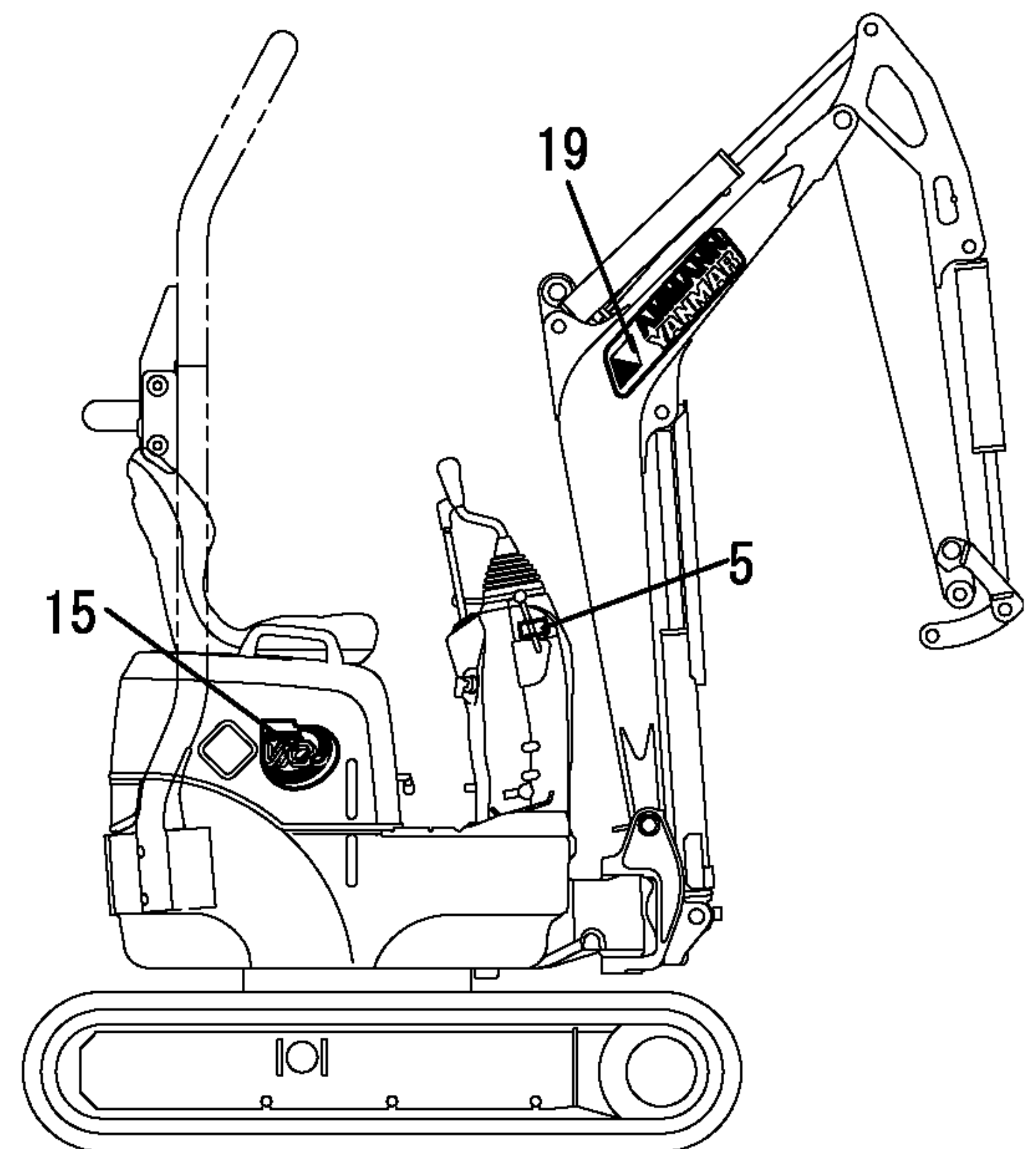
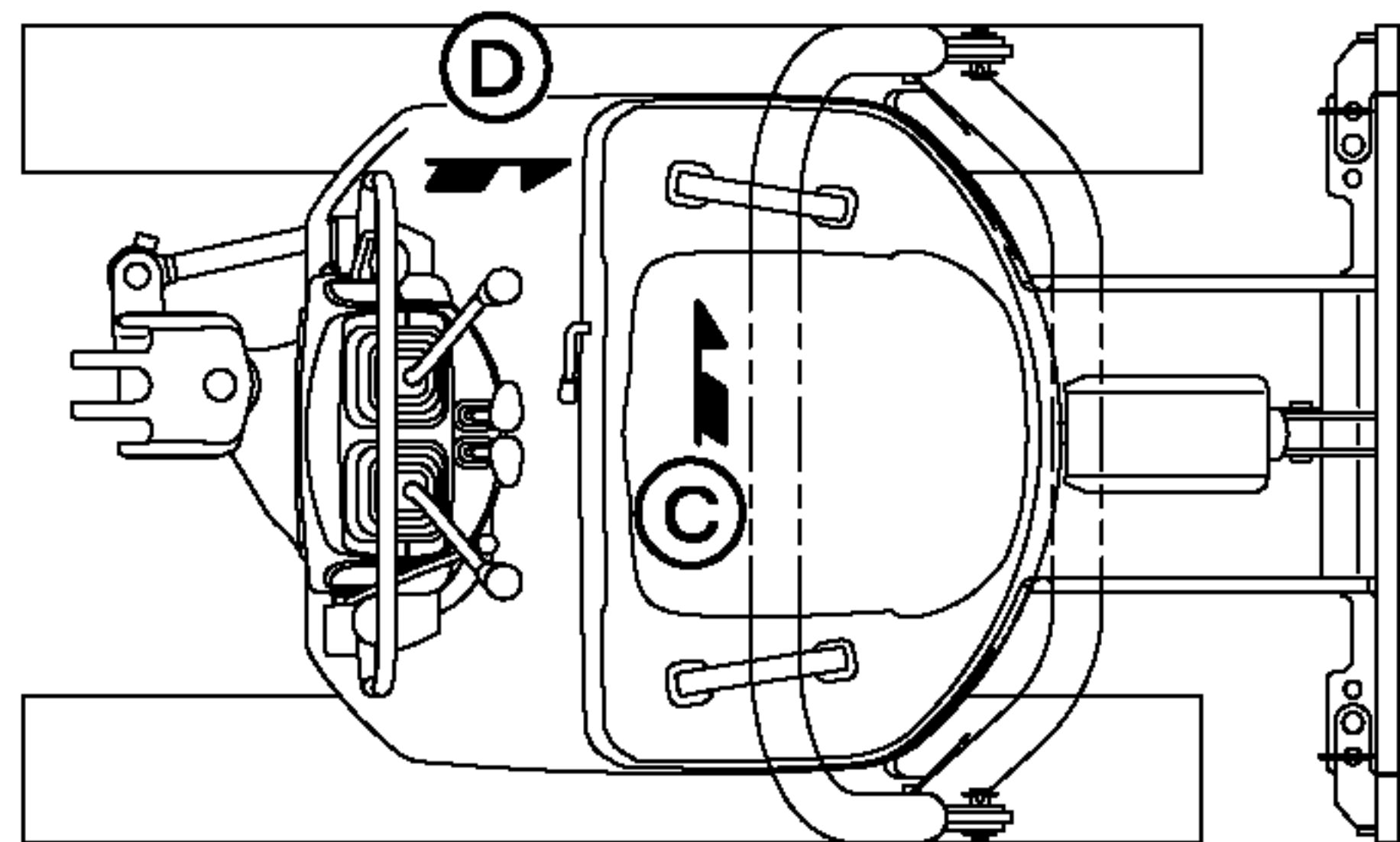
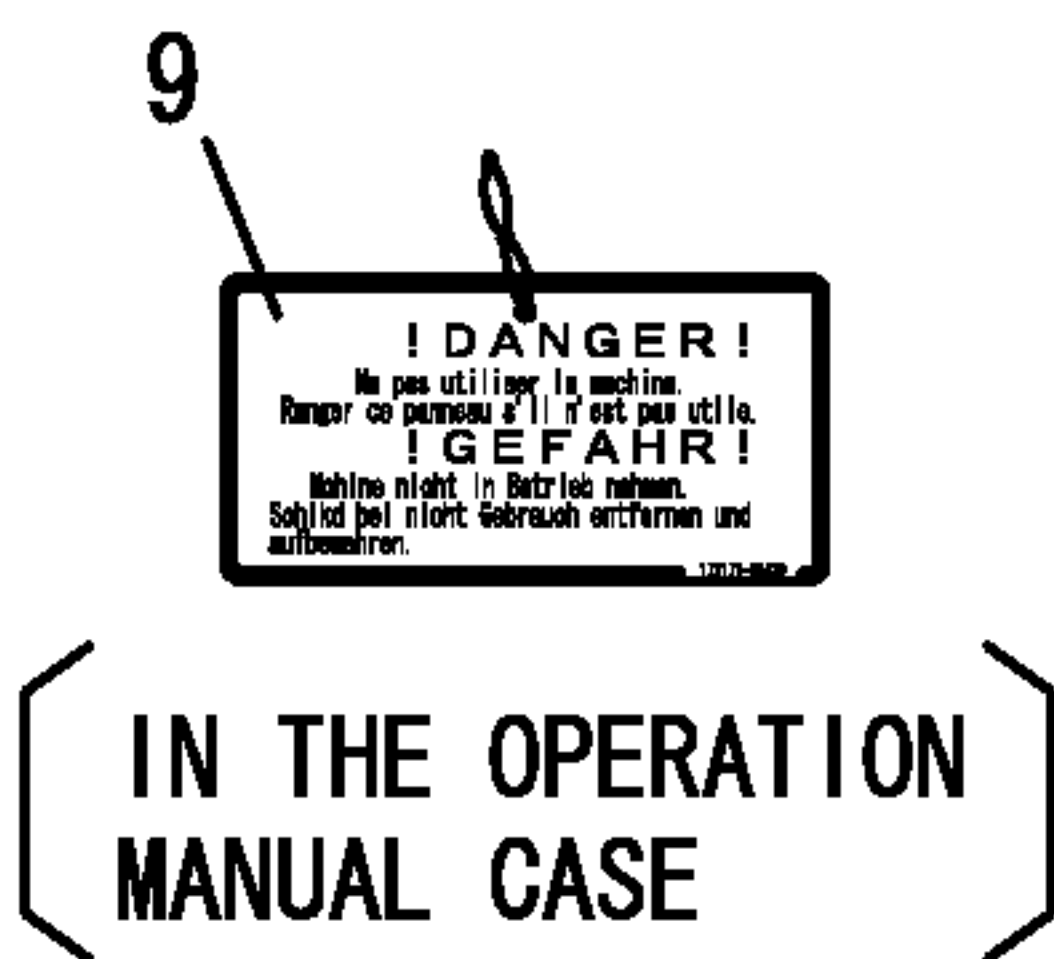
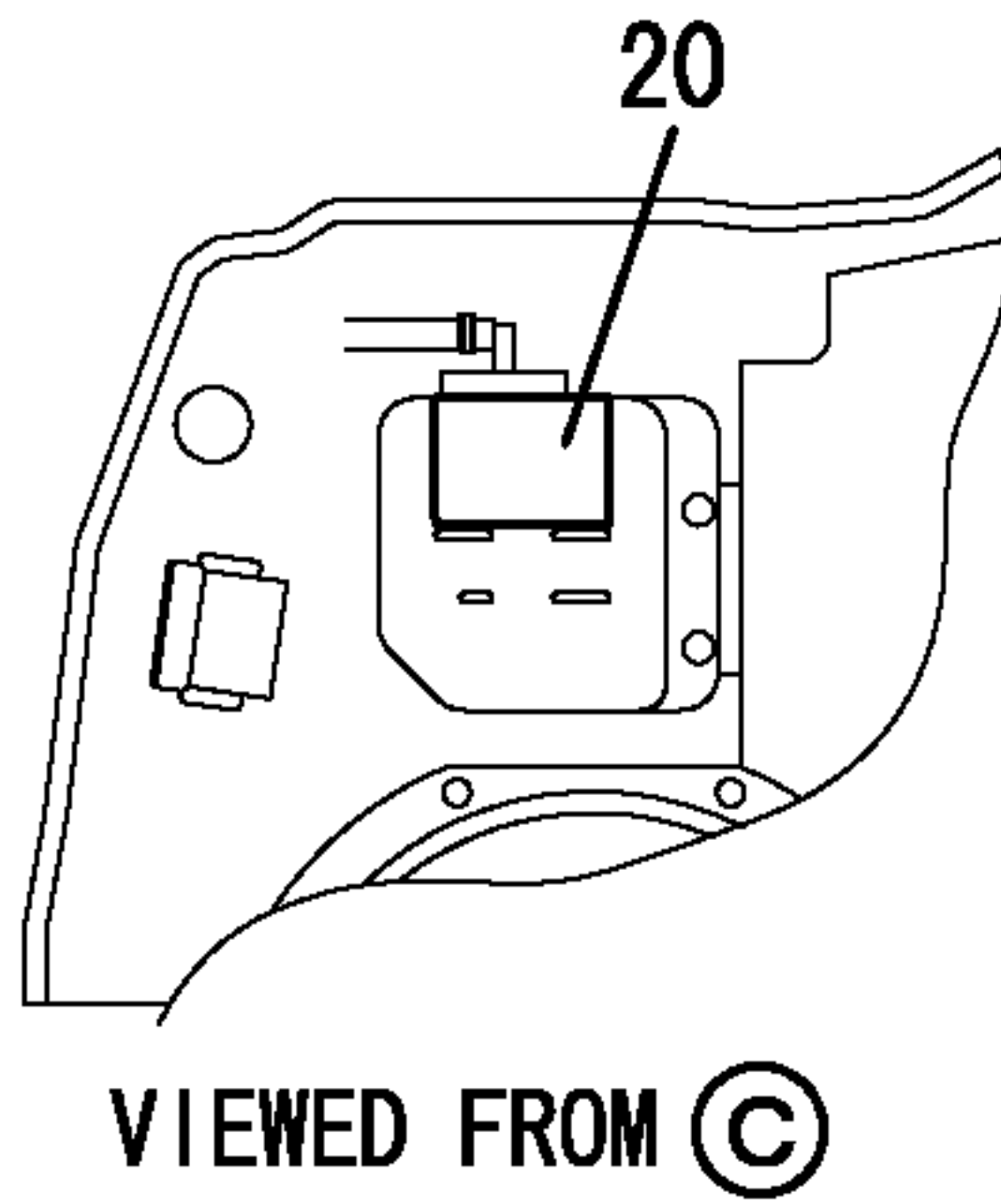
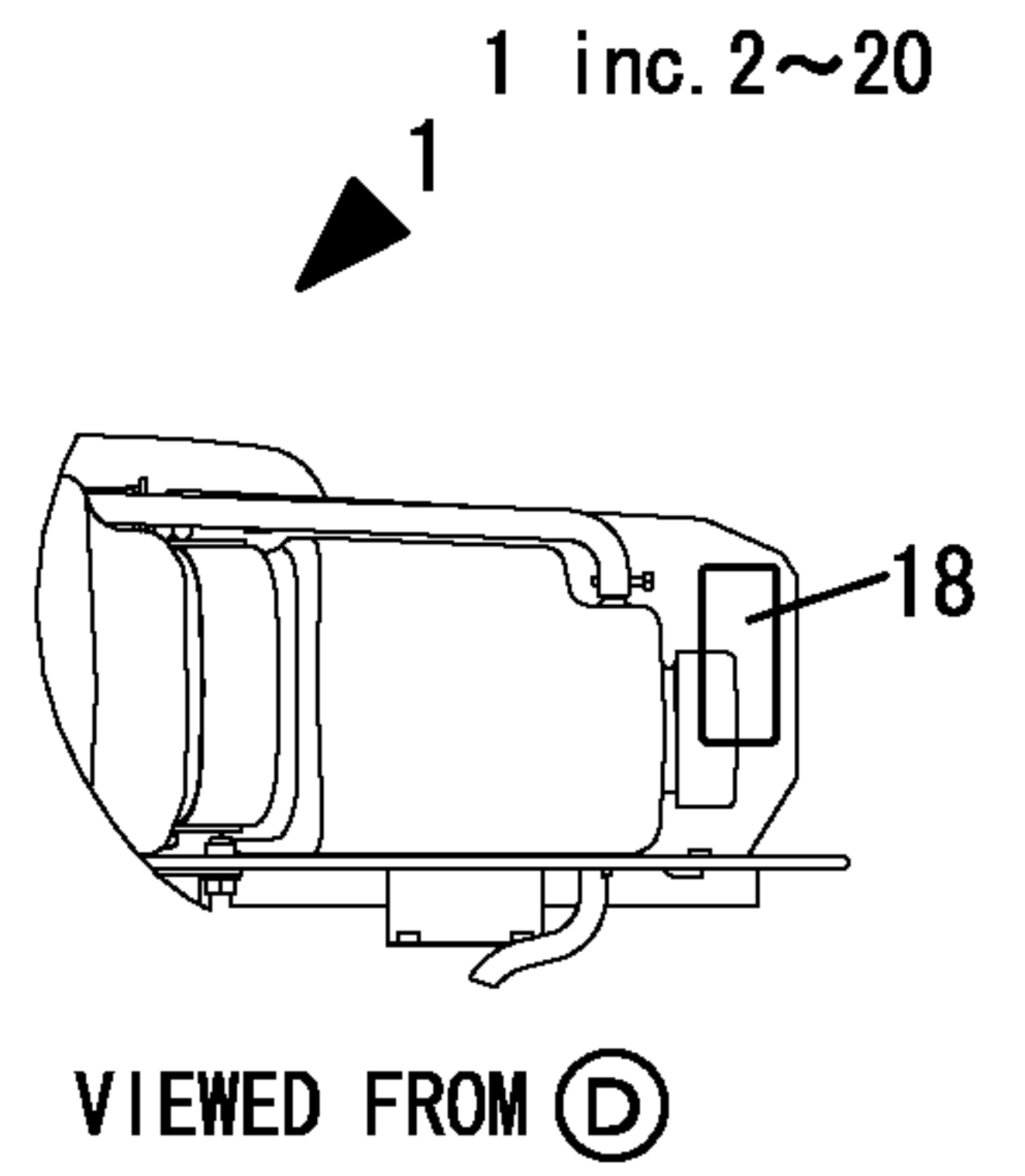
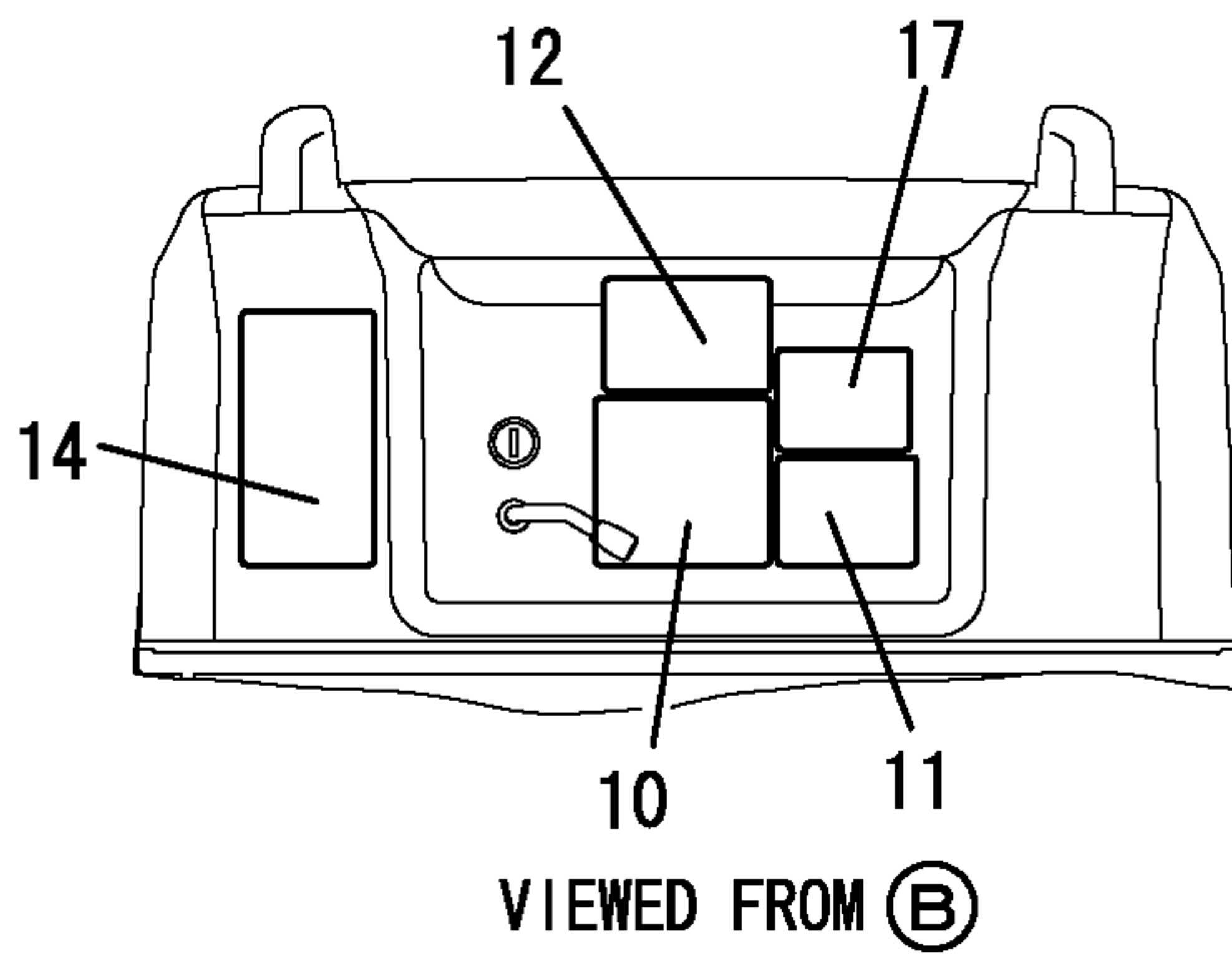
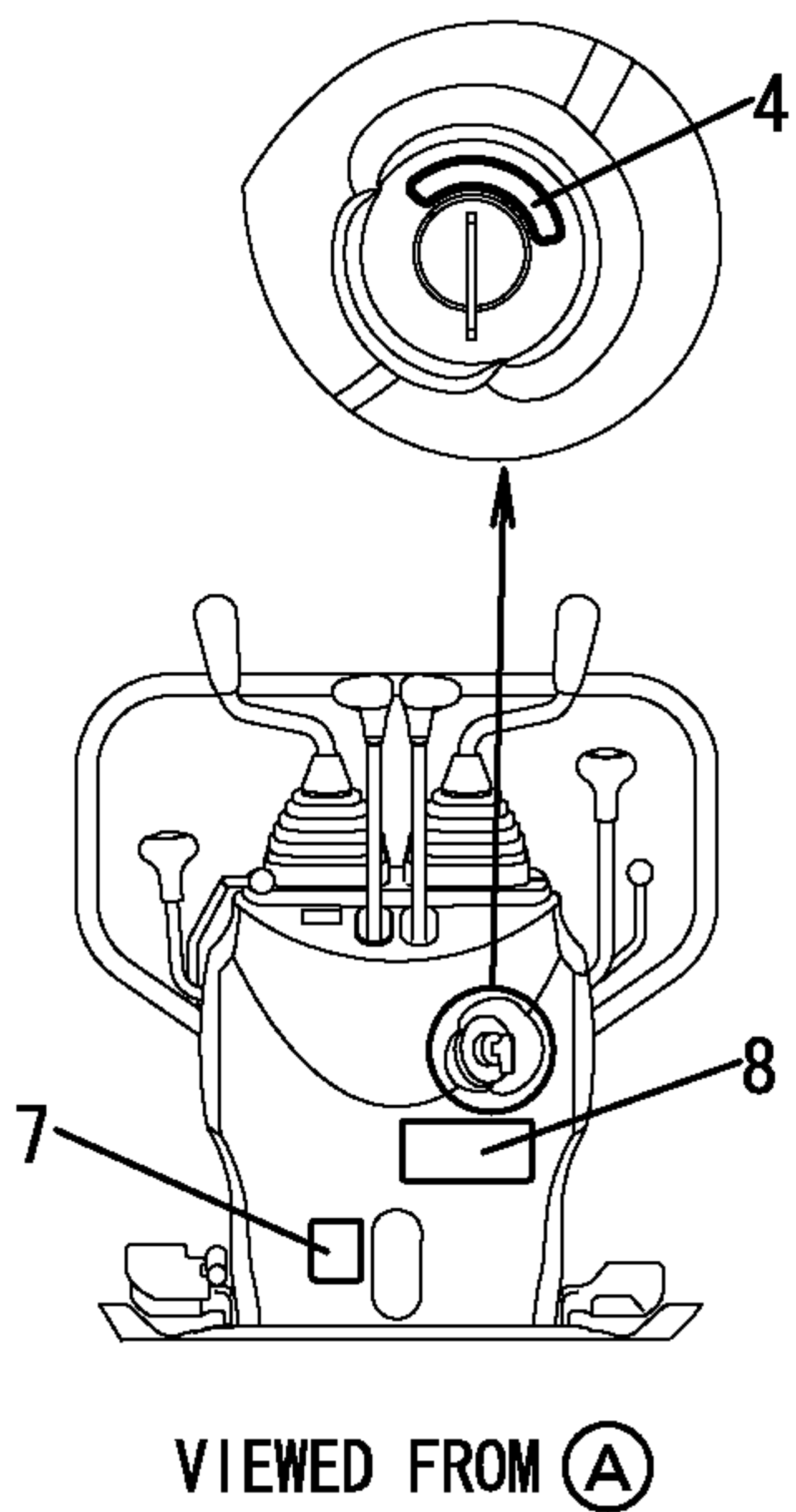


Fig. **63** ROPS KIT (OPTIONAL)



1,1,,772480-03120,, "LABEL SET,VI010-2 EP",1,,,,,,,,,,,,,
2,2,,172480-03150,, "LABEL, FRENT EMBLEM",1,,,,,,,,,,,,,
3,2,,172480-03160,, "LABEL, REAR EMBLEM",1,,,,,,,,,,,,,
4,2,,172157-03170,, "LABEL, KEY SWITCH",1,,,,,,,,,,,,,
5,2,,172448-03180,, "LABEL, W/S OPERATION",1,,,,,,,,,,,,,
6,2,,172183-03280,, "LABEL, LOCK",1,,,,,,,,,,,,,
7,2,,172137-03300,, "LABEL, TURNING LOCK",1,,,,,,,,,,,,,
8,2,,172480-03410,, "LABEL, SPEC.FG",1,,,,,,,,,,,,,
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12,2,,172446-03440,, "LABEL, PATTERN EP",1,,,,,,,,,,,,,
13,2,,172462-03450,, "LABEL(GREASE F,G)",1,,,,,,,,,,,,,
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19,2,,172183-03610,, "LABEL A(BOOM AYR",2,,,,,,,,,,,,,
20,2,,933112-55700,, "LABEL, SUB-TANK",1,,,,,,,,,,,,,



MACHINE SERIAL No.
IS STAMPED INTO
THIS LOCATION.

MACHINE SERIAL No.
ENGINE No. IS STAMPED
INTO THIS LOCATION.

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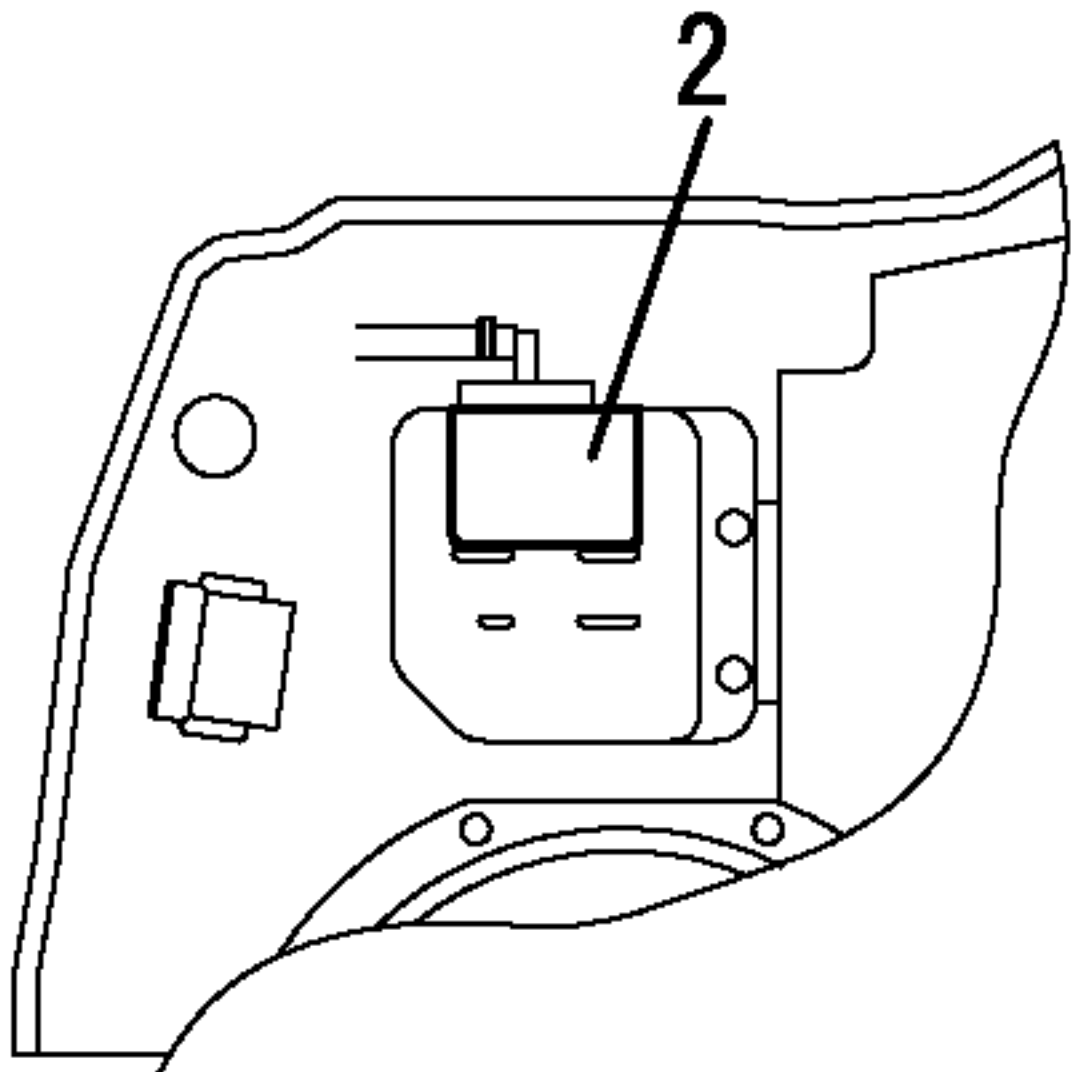
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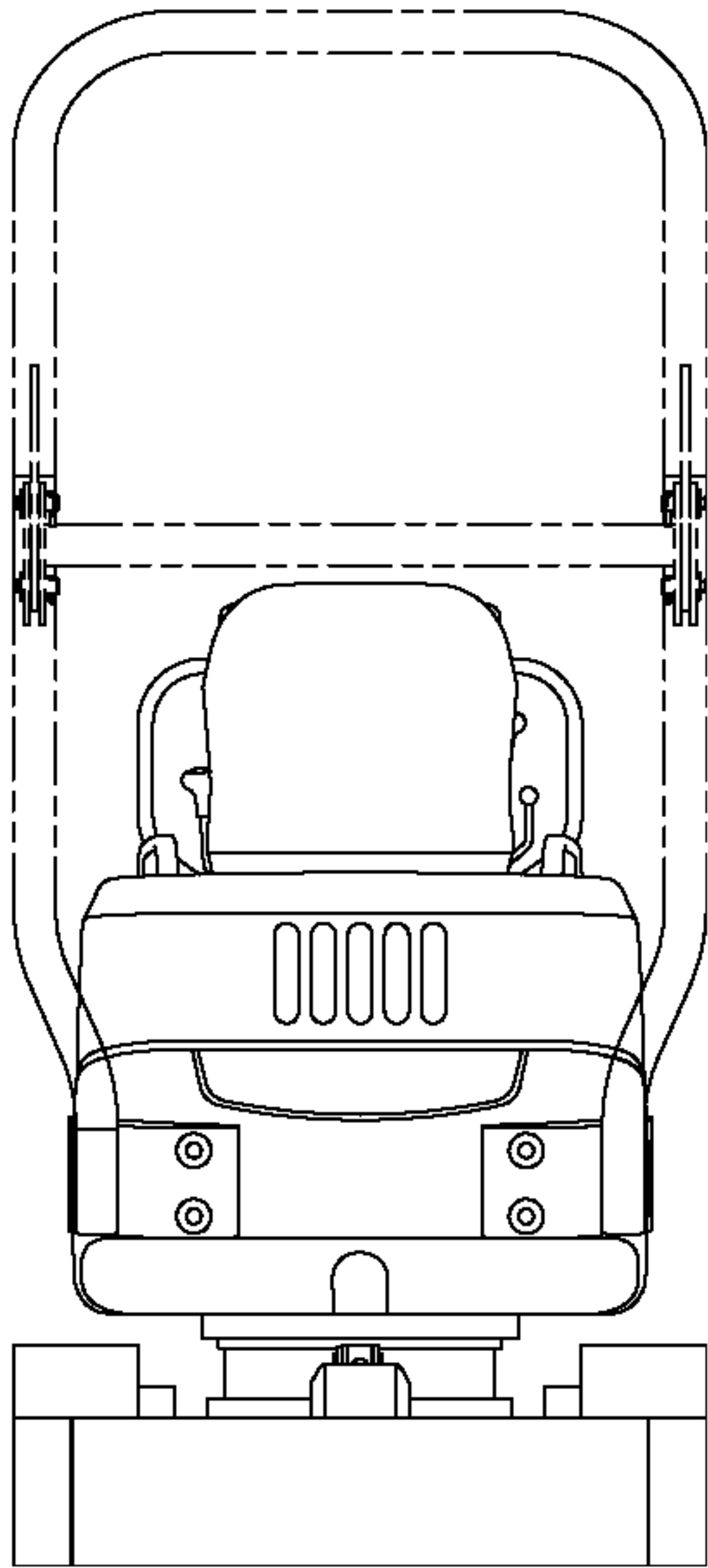
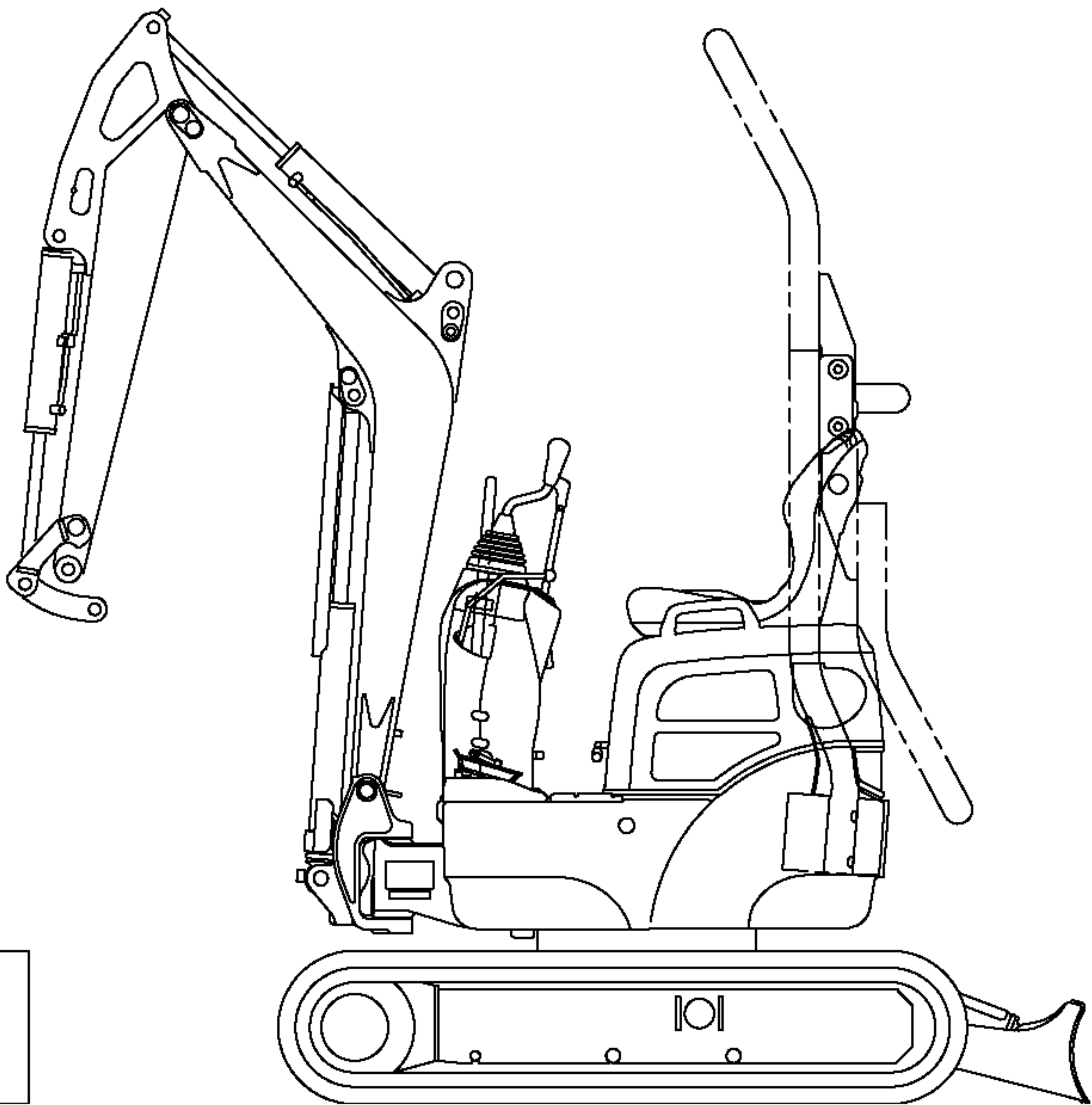
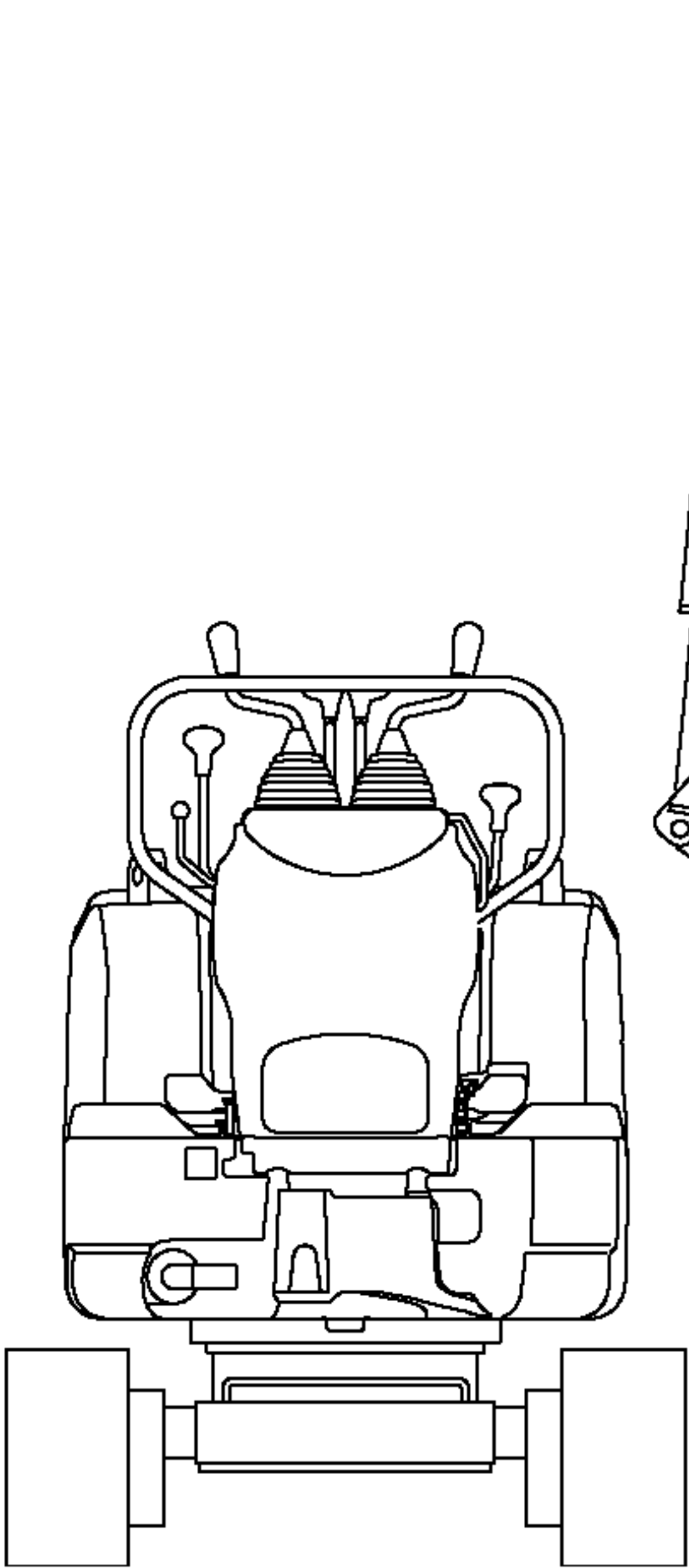
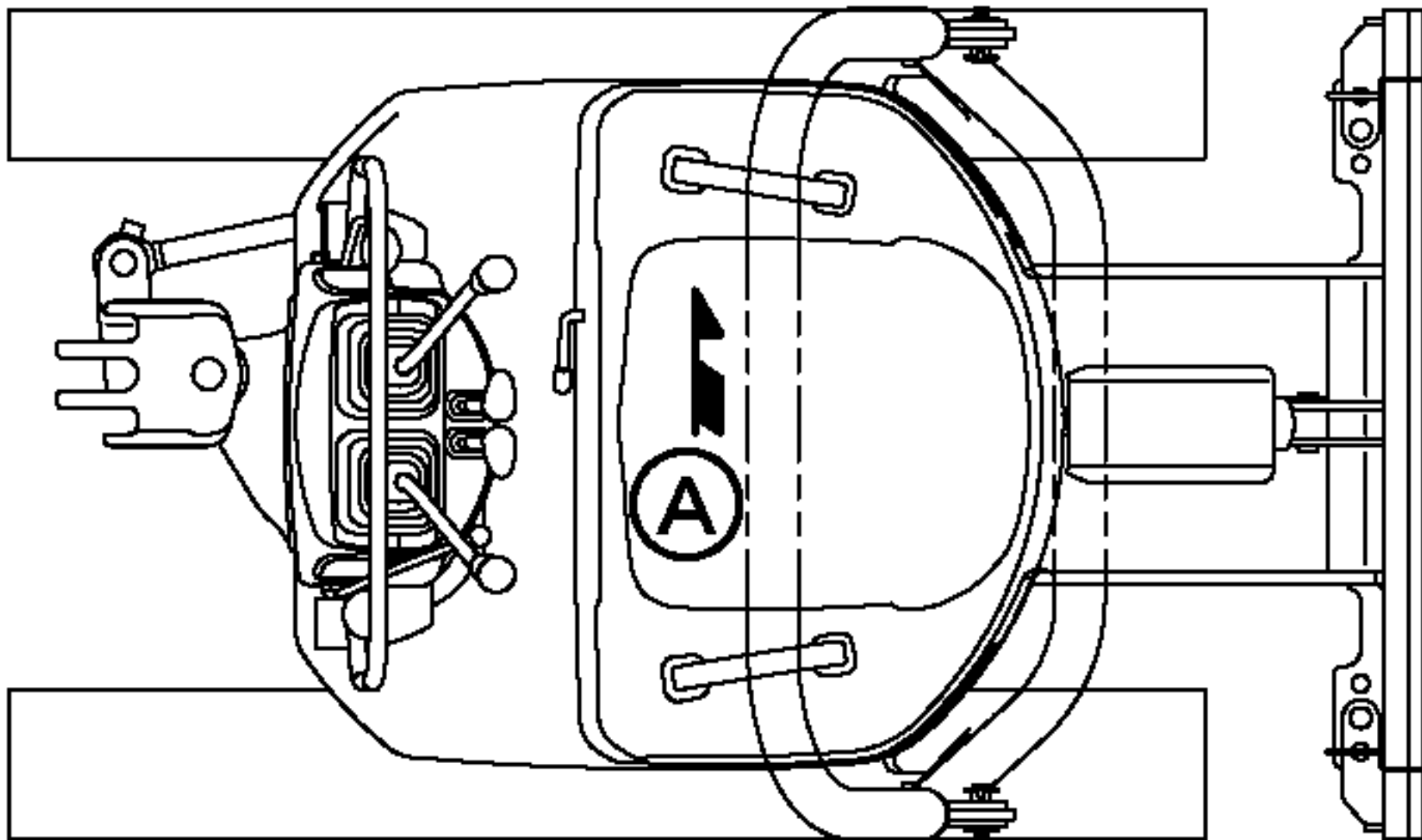
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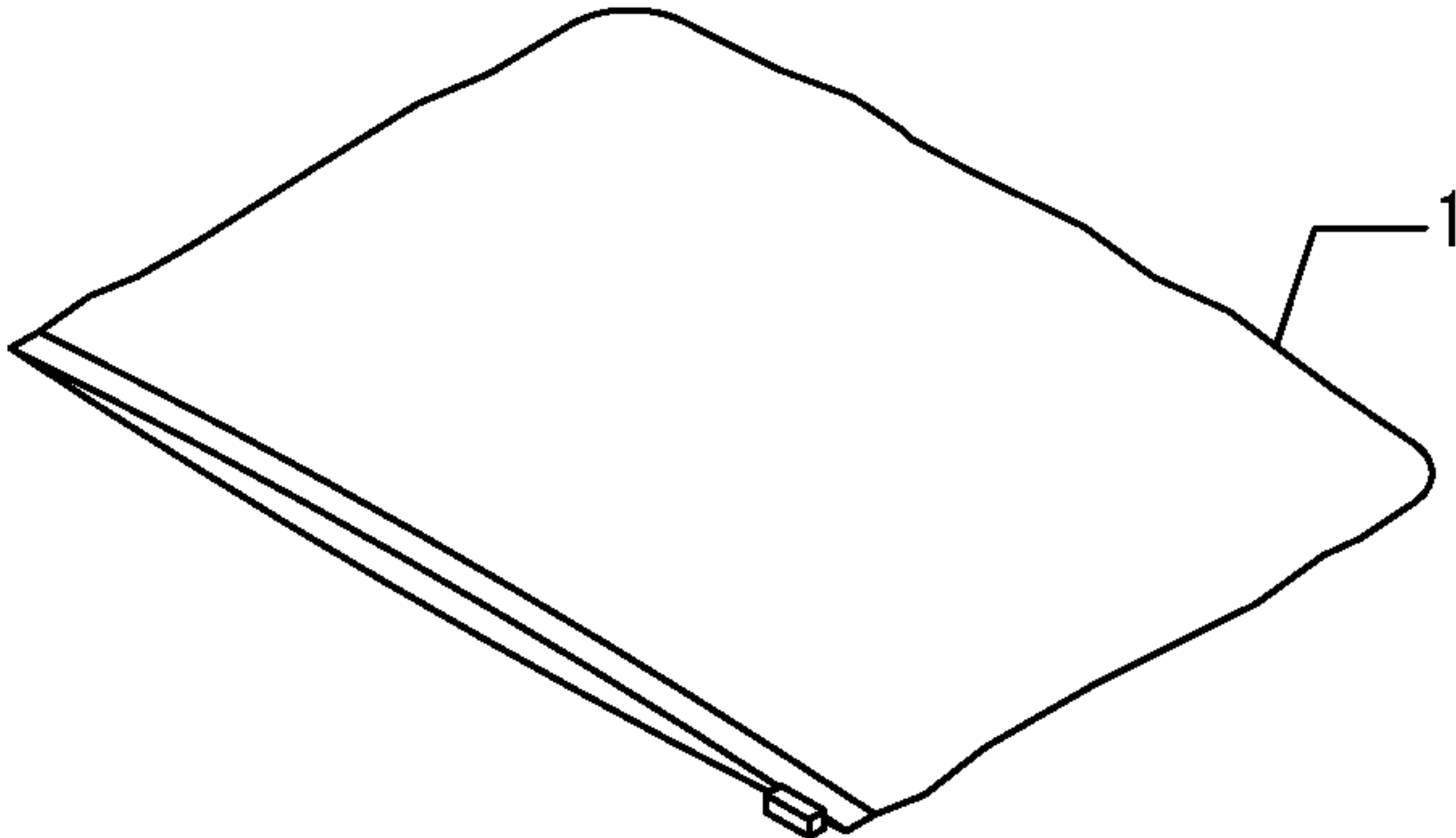
IN THE OPERATION
MANUAL CASE



VIEWED FROM (A)

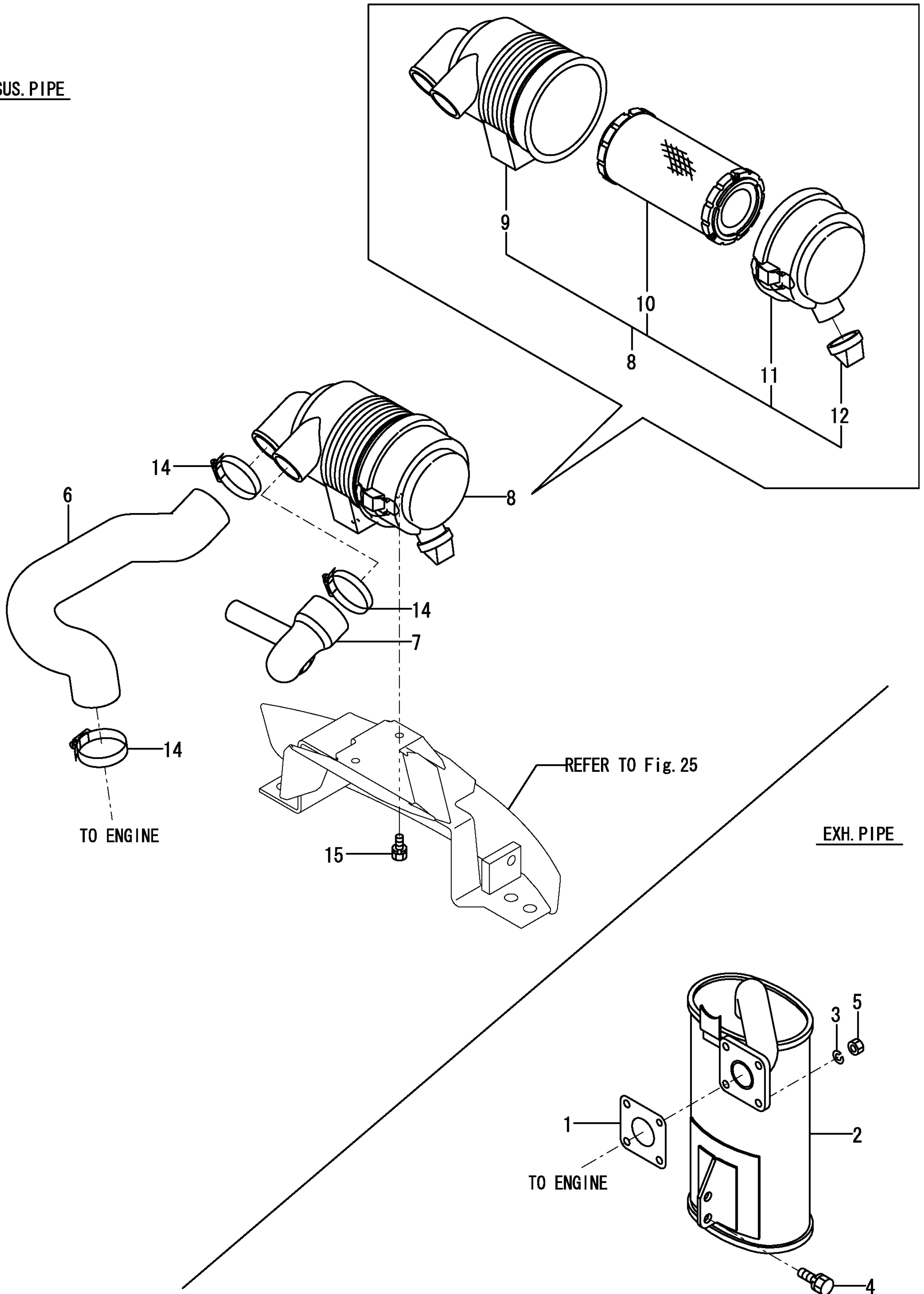


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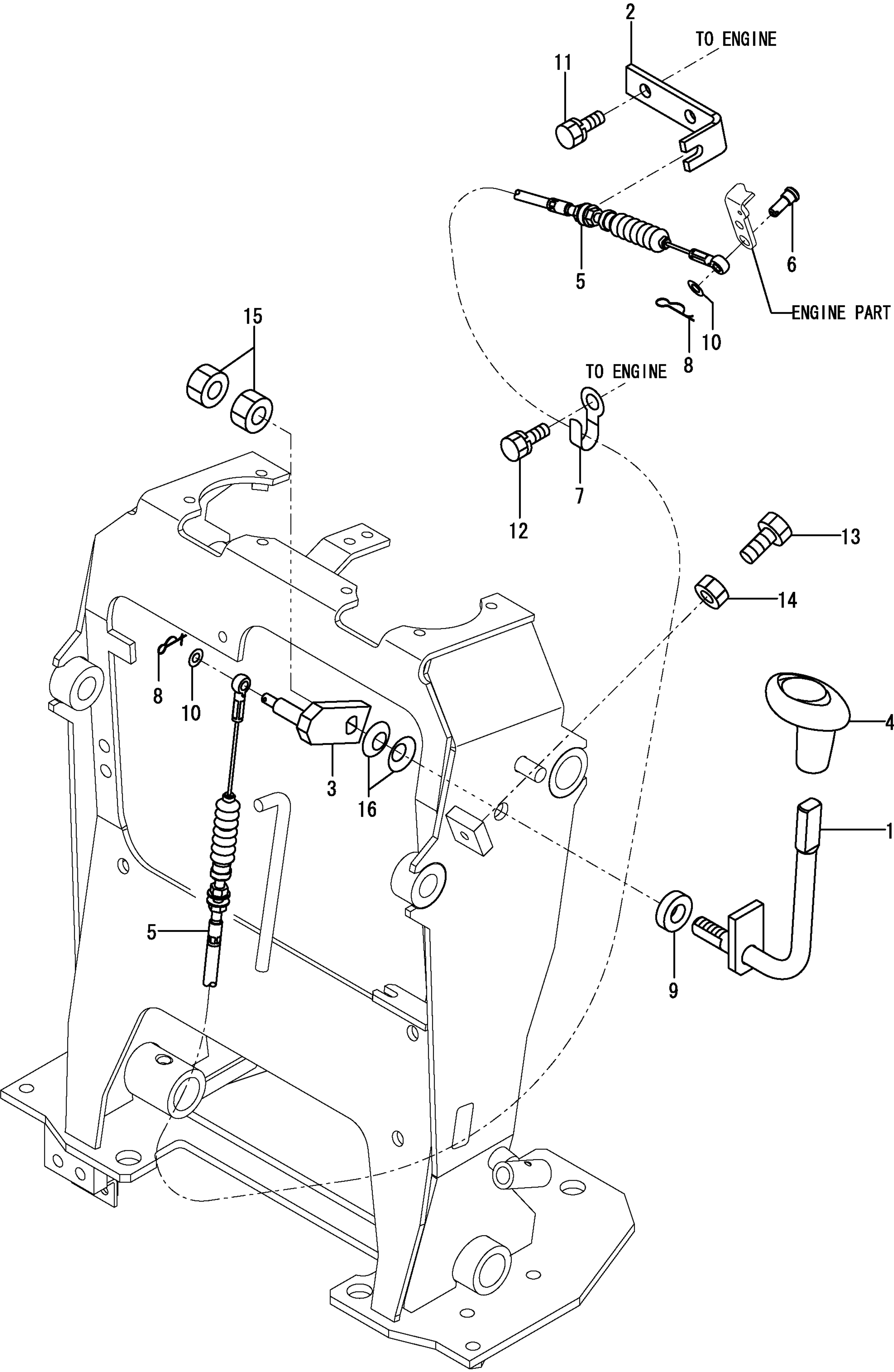


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6,1,,172480-11500,, "HOSE-A,AIR CLEANER",1,,,,,,,,,,,,,
7,1,,172480-11510,, "HOSE-B,AIR CLEANER",1,,,,,,,,,,,,,
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9,2,,105027-12550,, "BODY,AIR CLEANER",1,,,,,,,,,,,,,
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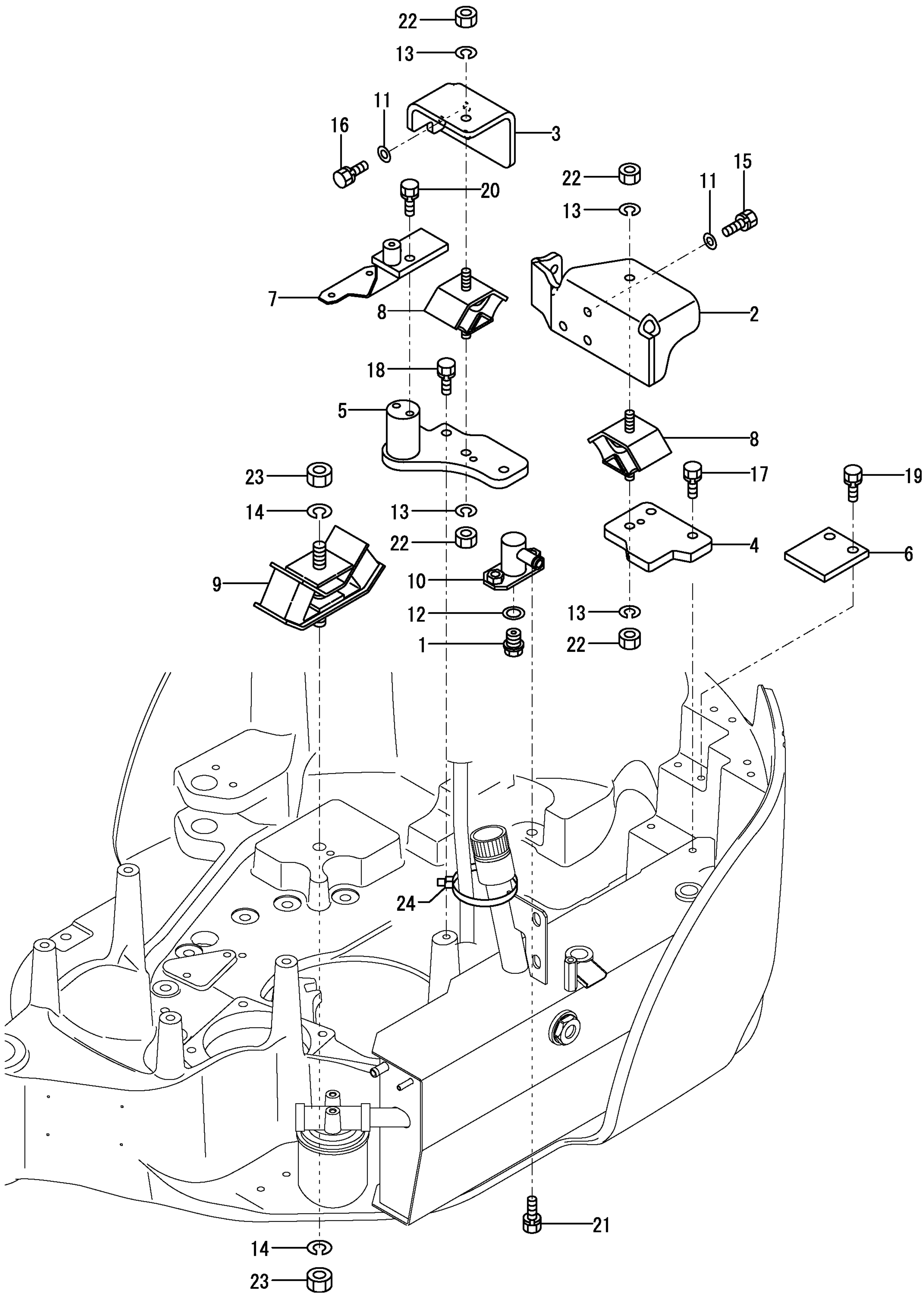
SUS. PIPE



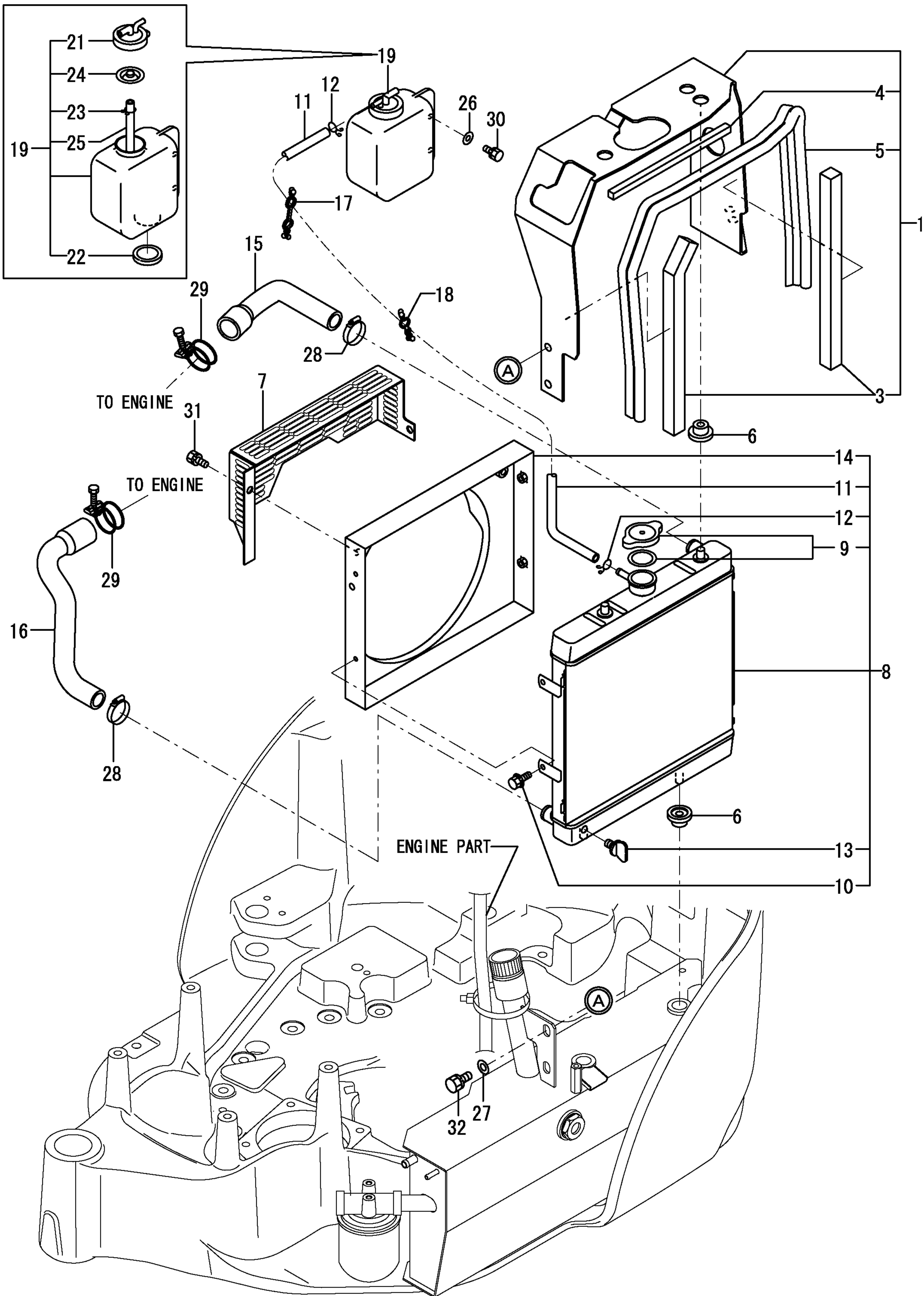
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6,1,,172113-12522,, PIN,1,,,,,,,,,,,,,
7,1,,172126-16540,, "CLAMP 10X70",1,,,,,,,,,,,,,
8,1,,1C6281-52310,, "PIN 6, COME-OFF SNAP",2,,,,,,,,,,,,,
9,1,,172156-61320,, COLLAR,1,,,,,,,,,,,,,
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3,1,,172480-13110,, "ENGINE MOUNT FR",1,,,,,,,,,,,,,
4,1,,172480-13120,, "STAY-FL,ENGINE",1,,,,,,,,,,,,,
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7,1,,172480-13160,, "PLATE, STOPPER",1,,,,,,,,,,,,,
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9,1,,172447-13260,, "ABSORBER,SHOCK 290K",1,,,,,,,,,,,,,
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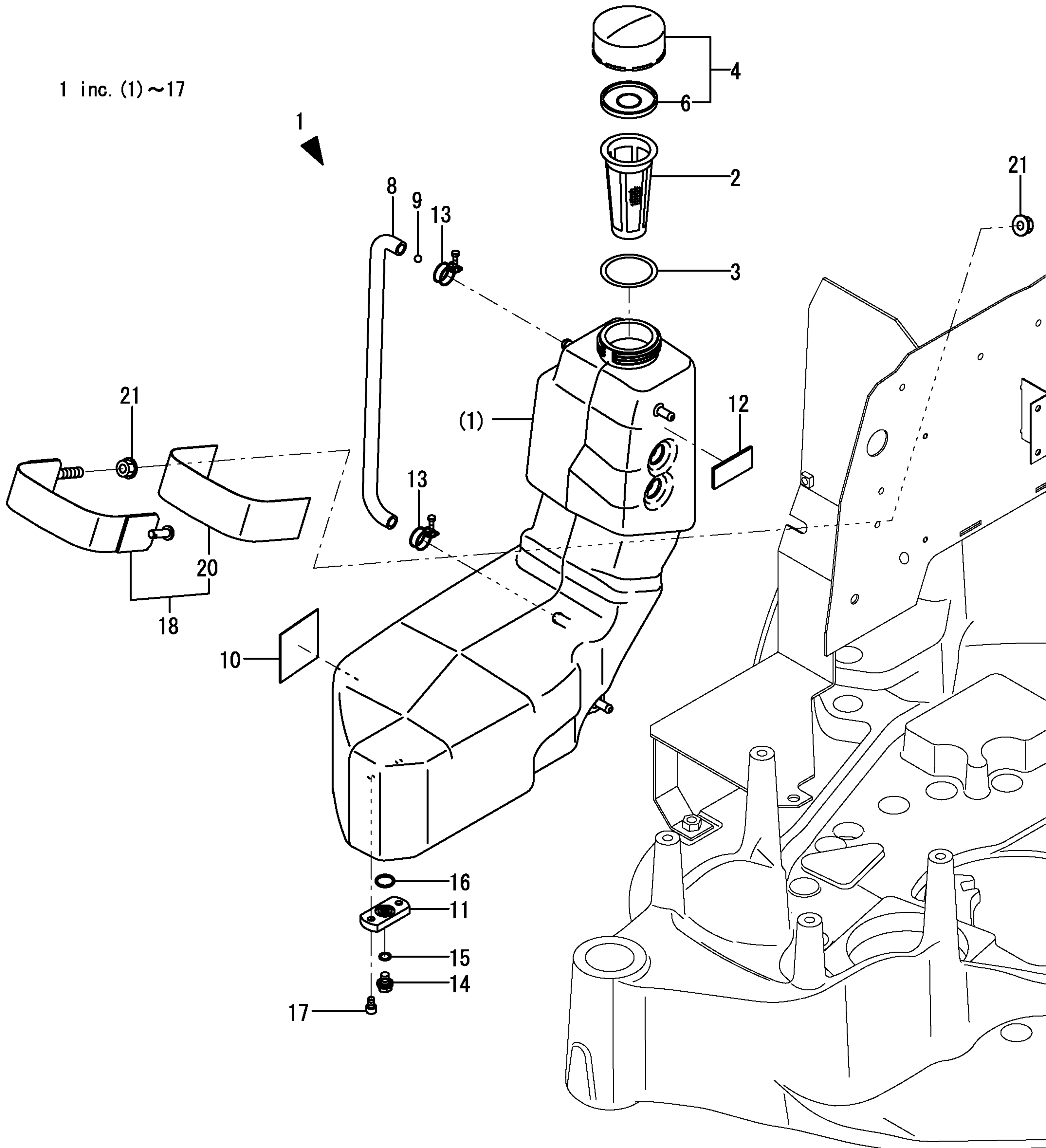


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6,1,,172446-13330,, "ABSOBER, SHOCK",4,,,,,,,,,,,,,
7,1,,172480-13350,, "FAN GUARD",1,,,,,,,,,,,,,
8,1,,172480-13511,, "RADIATOR ASSY",1,,,,,,,,,,,,,
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13,2,,172446-13500,, COCK,1,,,,,,,,,,,,,
14,2,,172480-13551,, SHURAUD,1,,,,,,,,,,,,,
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21,2,,121450-44531,, CAP,1,,,,,,,,,,,,,
22,2,,121468-44540,, "PLUG, SUB-TANK",1,,,,,,,,,,,,,
23,2,,124450-44560,, CLAMP,1,,,,,,,,,,,,,
24,2,,121470-44581,, GASKET,1,,,,,,,,,,,,,
25,2,,23065-070130,, "PIPE 7X 130",1,,,,,,,,,,,,,
26,1,,22137-060000,, "WASHER 6, POLISHED",2,,,,,,,,,,,,,
27,1,,22137-100000,, "WASHER 10, POLISHED",4,,,,,,,,,,,,,
28,1,,23001-025000,, "HOSE CLAMP 25",2,,,,,,,,,,,,,
29,1,,23010-038000,, "CLAMP 38",2,,,,,,,,,,,,,
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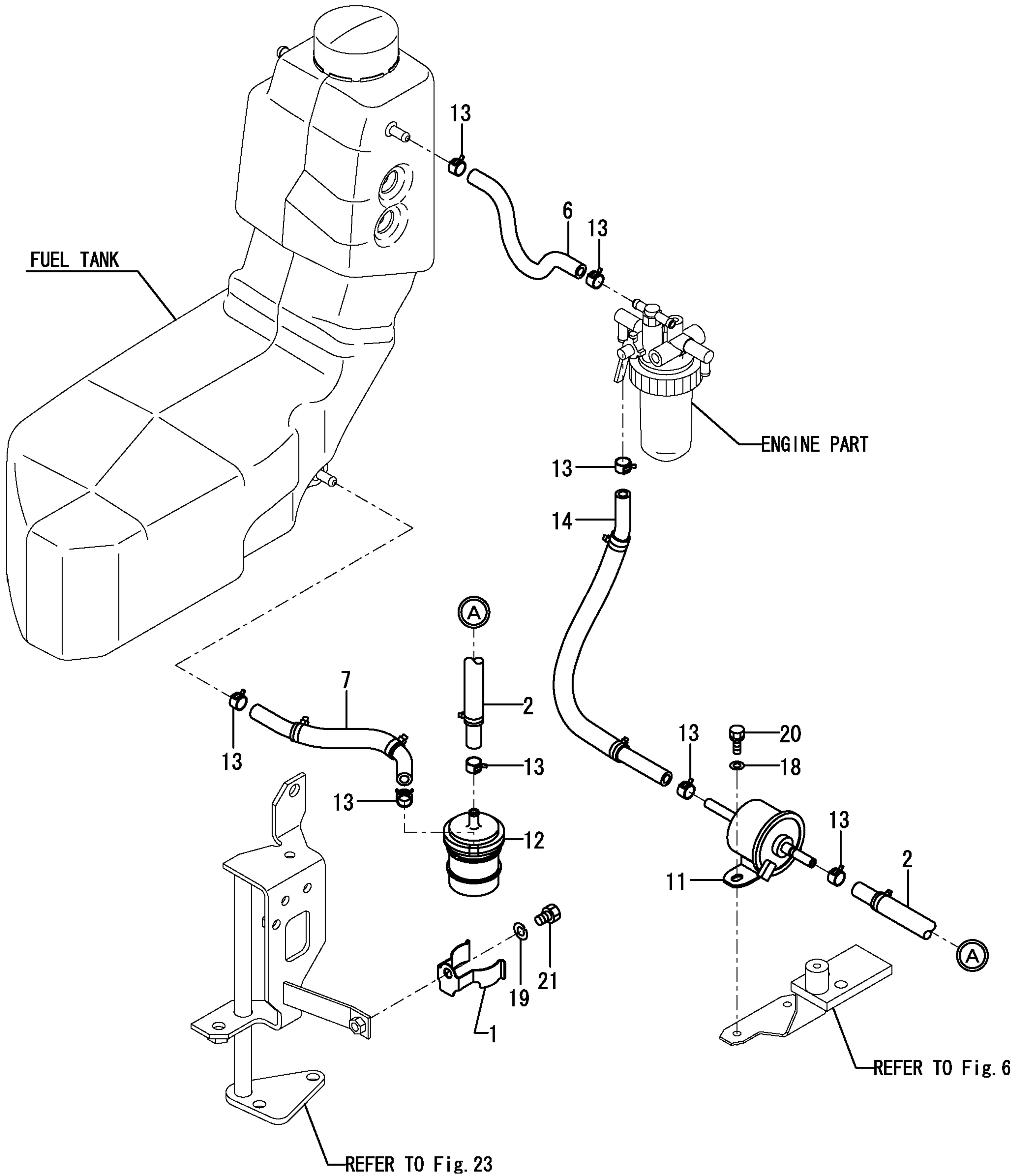


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6,3,,194250-04321,, "VALVE, VENT",1,,,,,,,,,,,,,
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9,2,,172447-14160,, FLOAT,1,,,,,,,,,,,,,
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11,2,,172447-14310,, "BLOCK, DRAIN",1,,,,,,,,,,,,,
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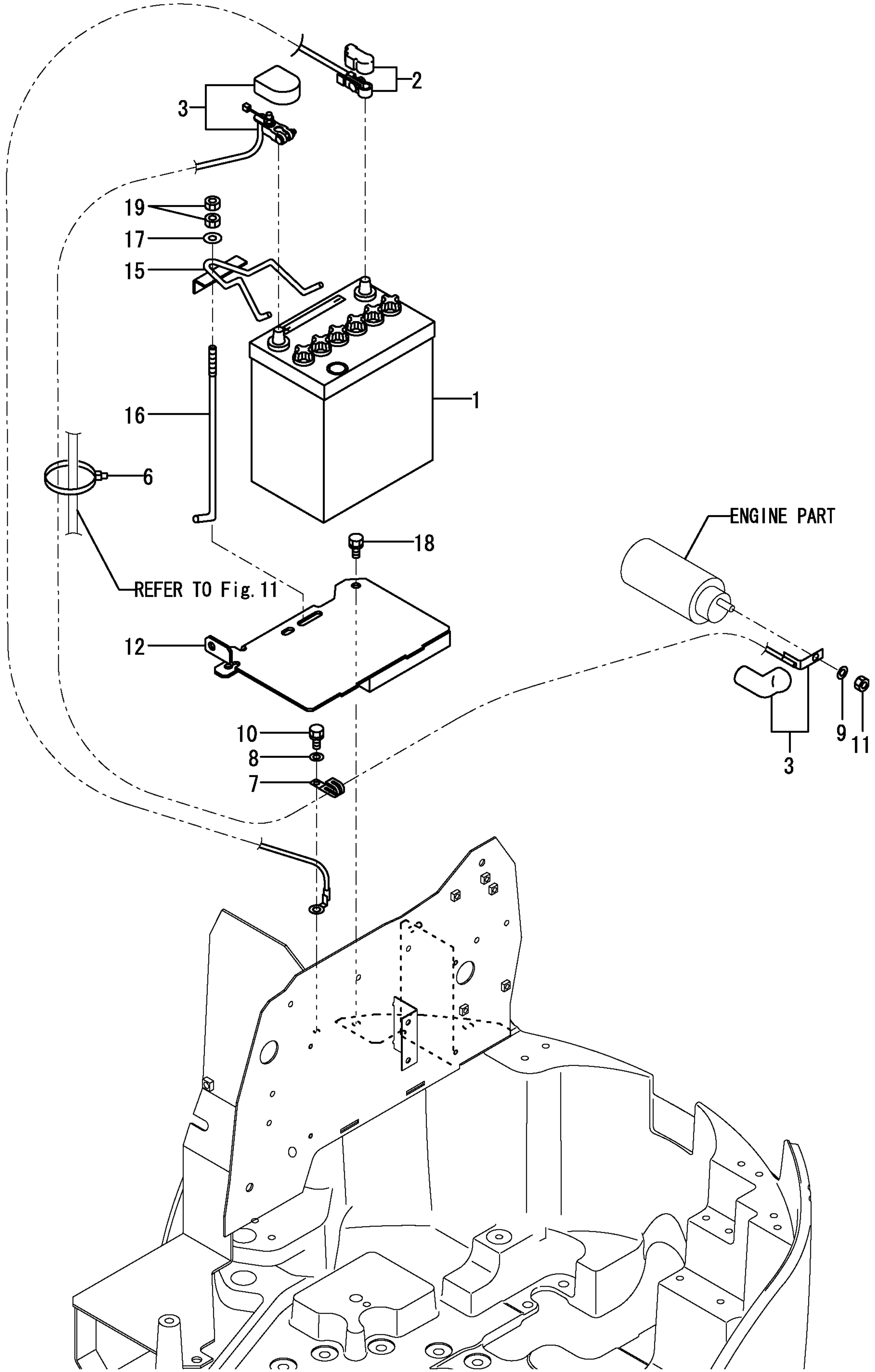
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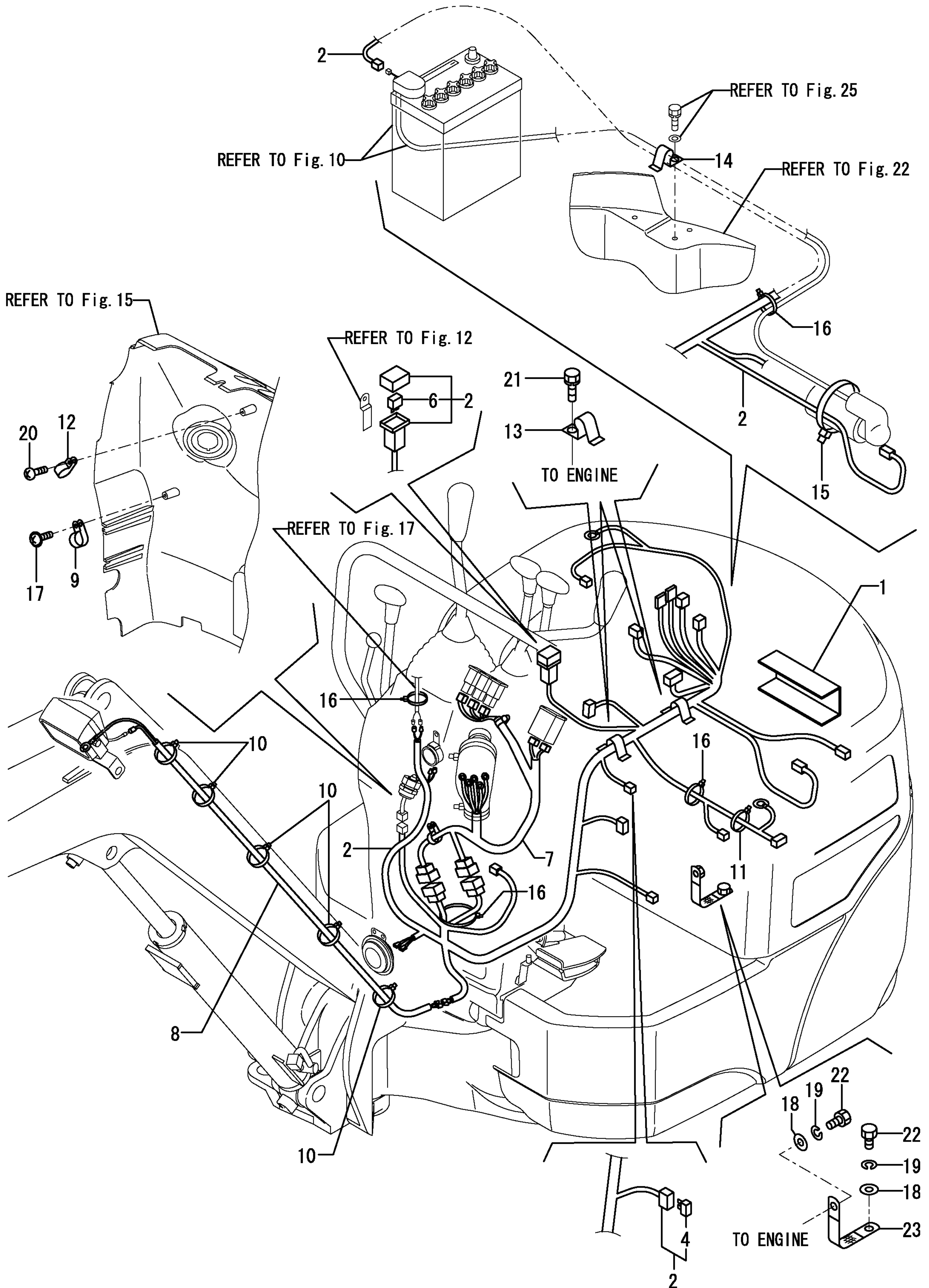
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7,1,,172456-14630,, "HOSE,FO 150 ASSY",1,,,,,,,,,,,,,
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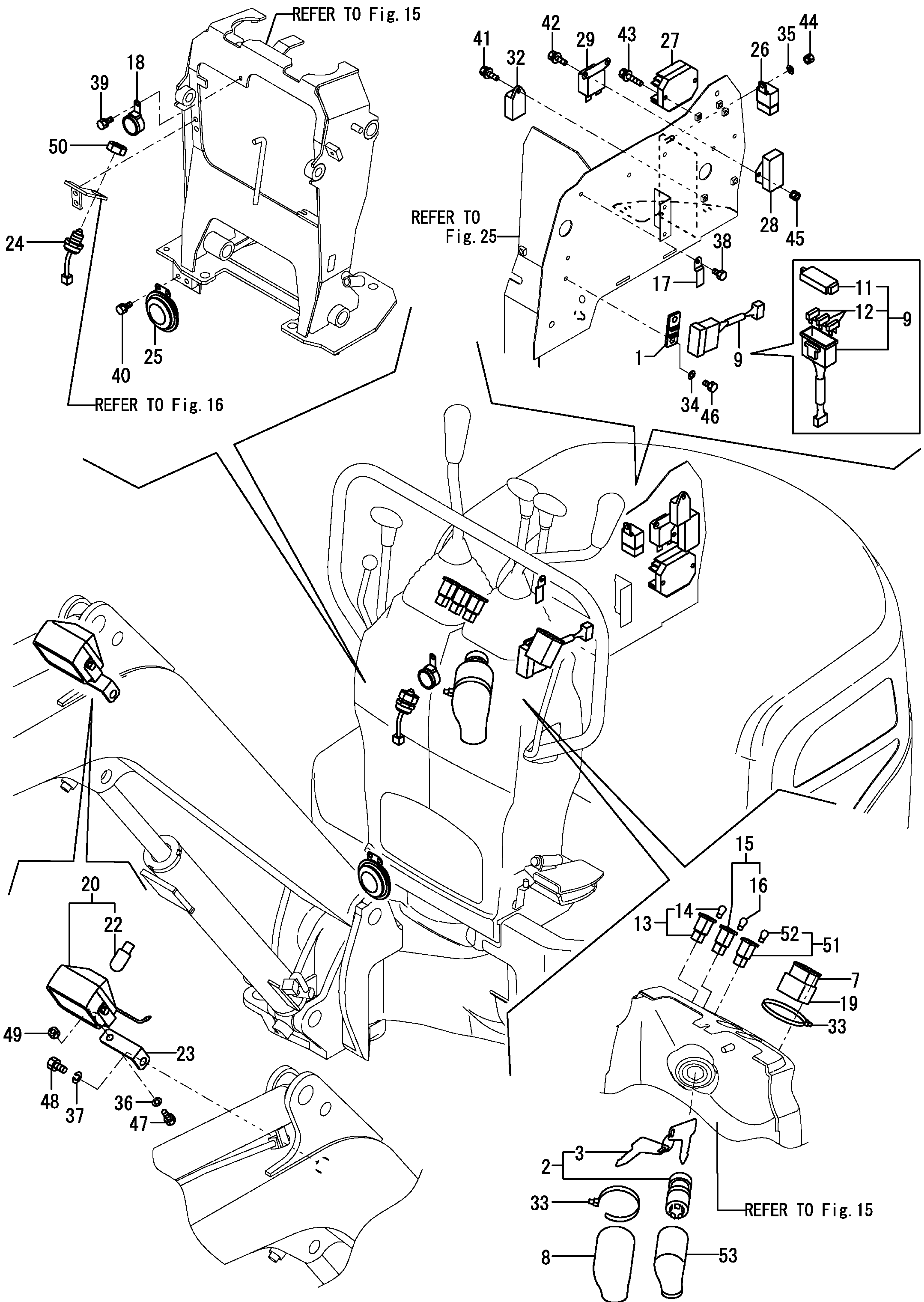
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7,1,,1A1686-57850,, "LAMP, 80",1,,,,,,,,,,,,,,,,,
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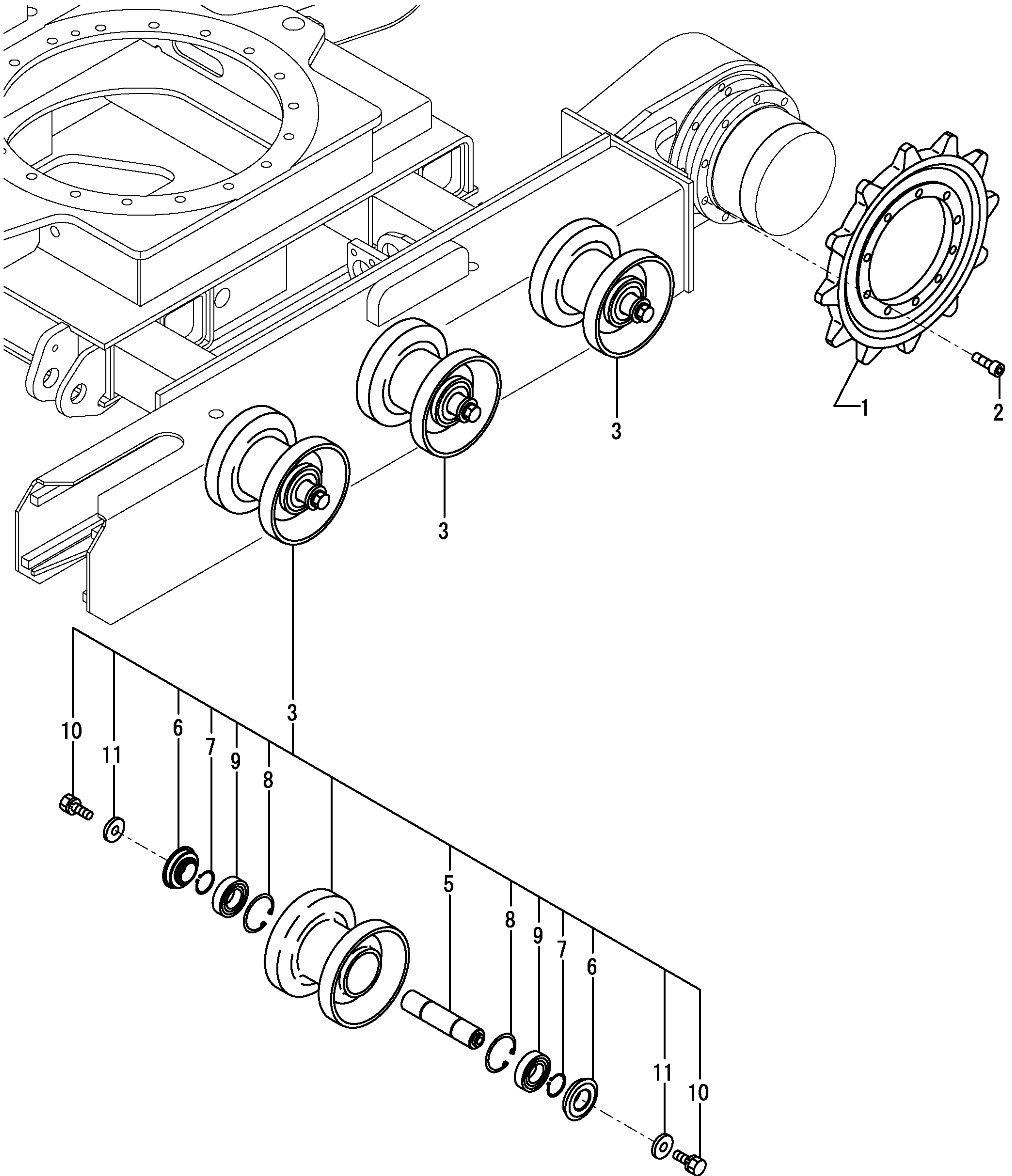
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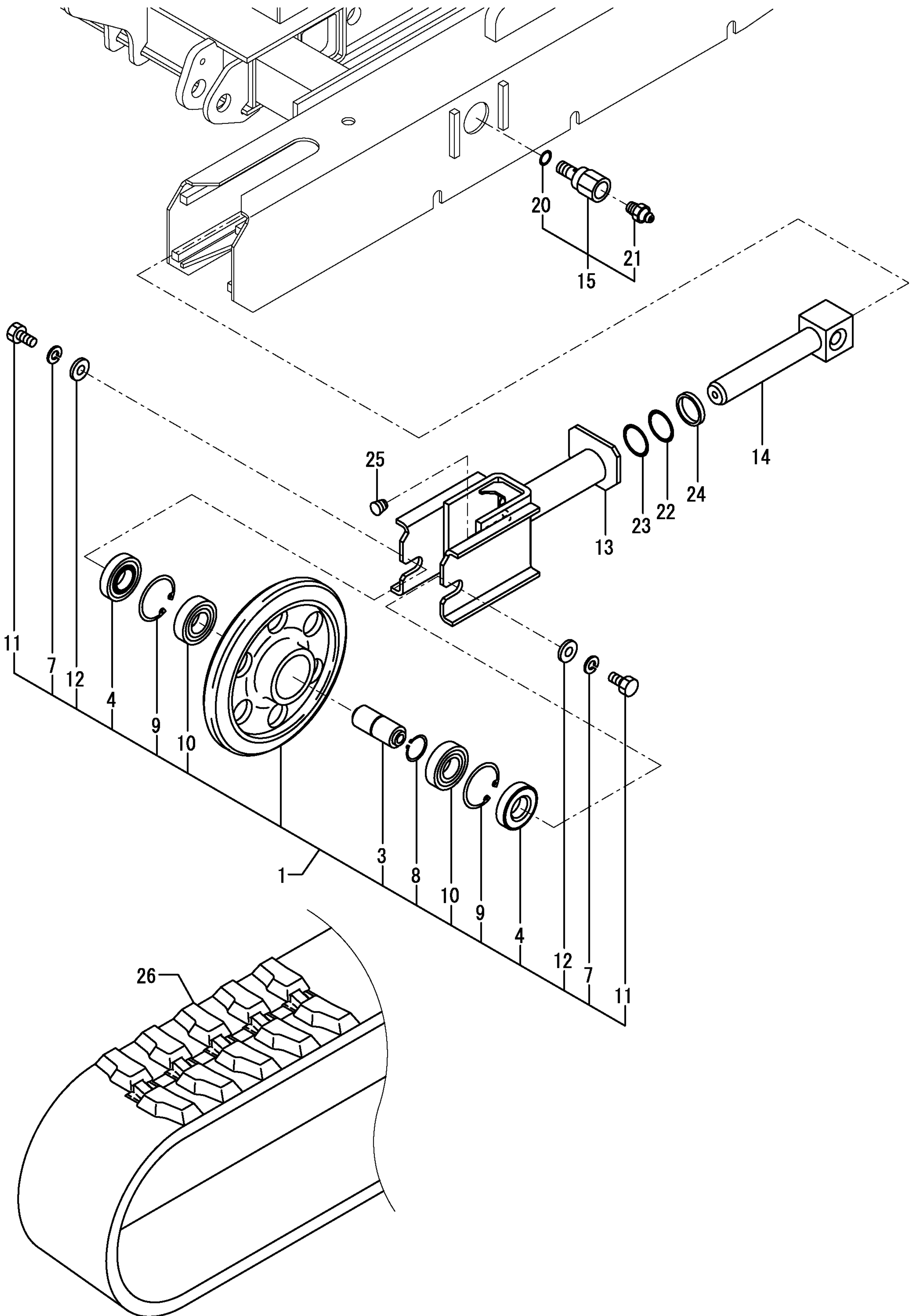
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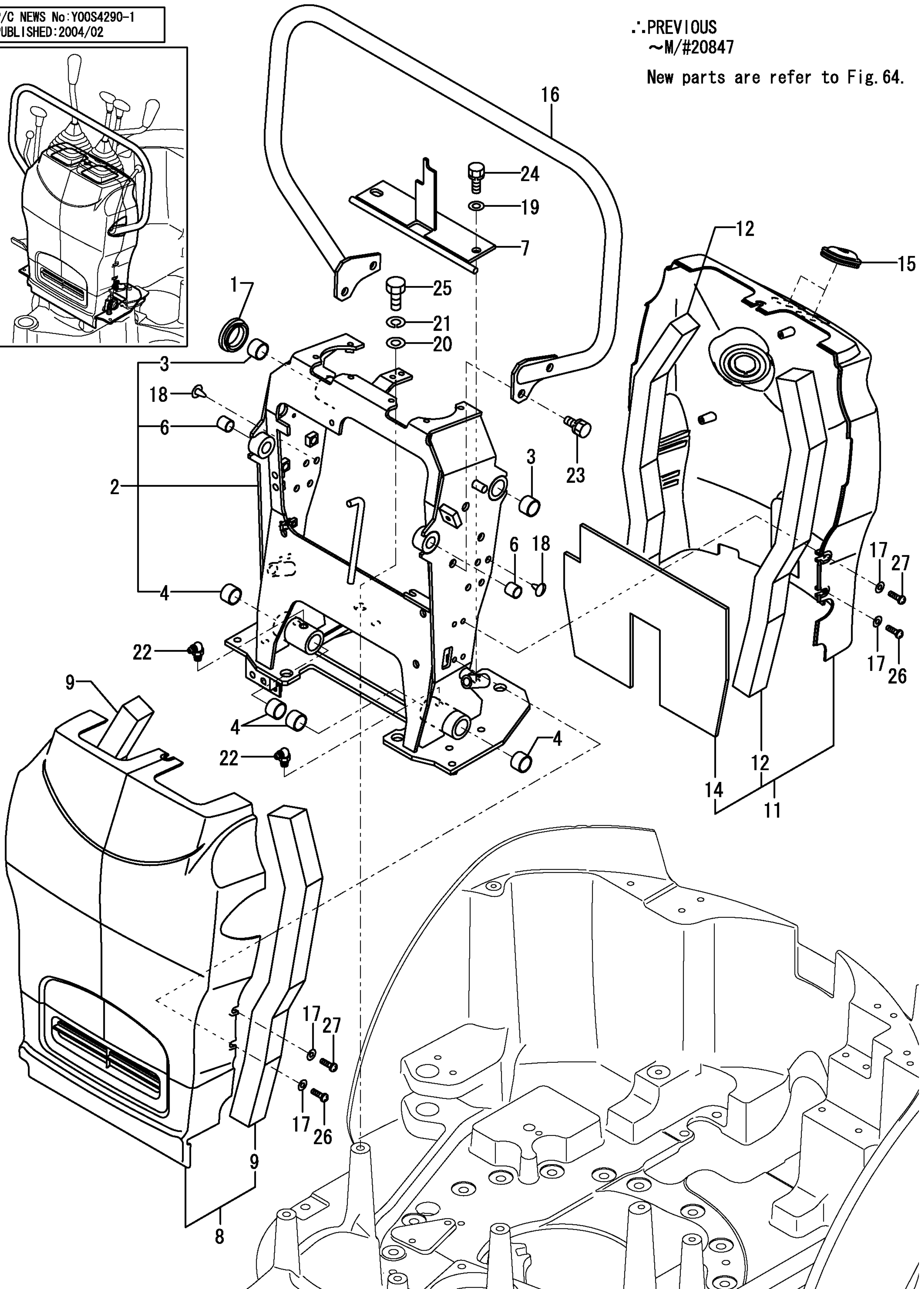
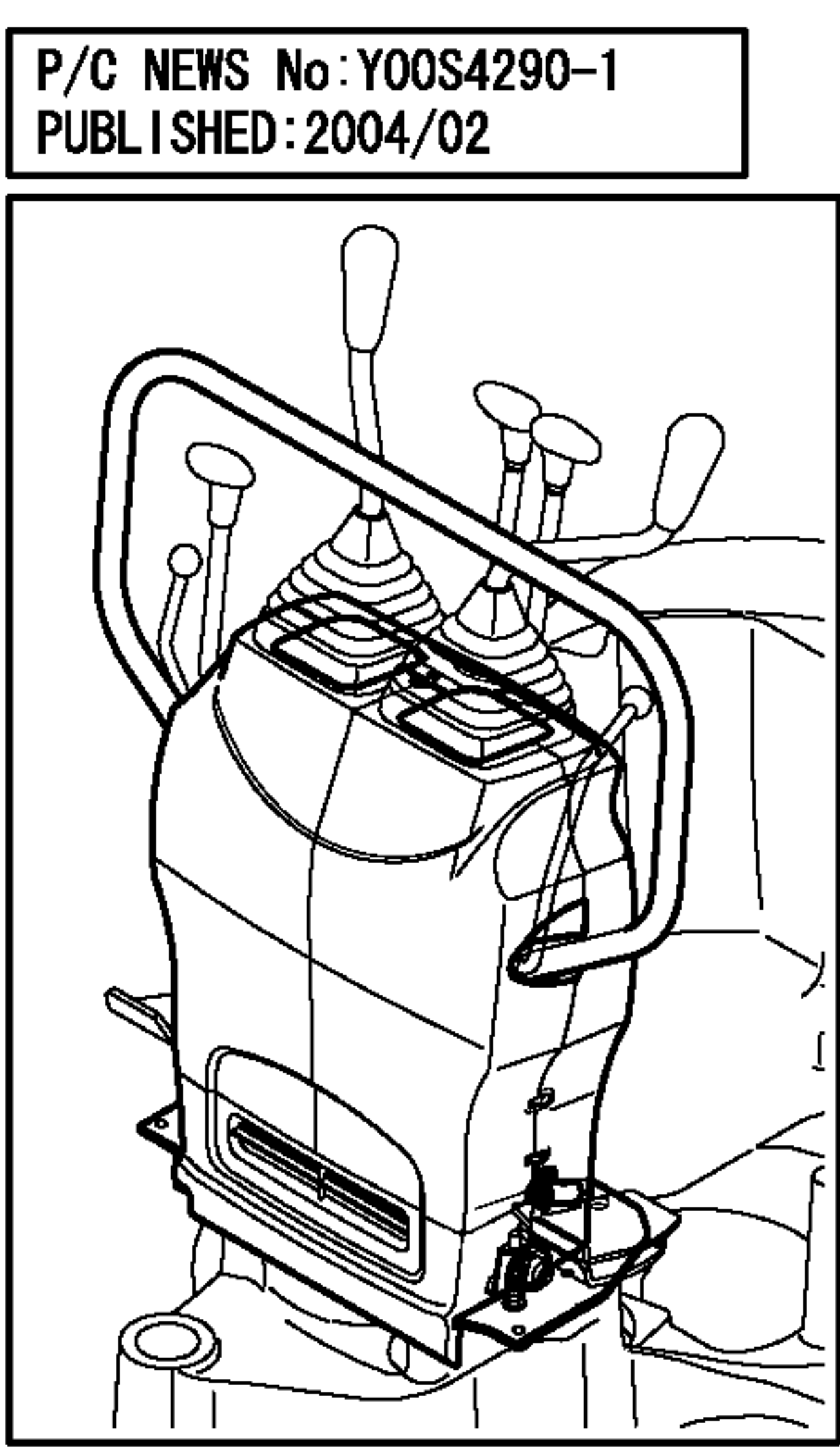
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23,1,,24315-000300,, "O-RING 1B P-30.0",2,,,,,,,,,,,,,
24,1,,933126-38600,, "SEAL, DUST",2,,,,,,,,,,,,,
25,1,,933171-13691,, "PLUG PT1/8",2,,,,,,,,,,,,,
26,1,,172480-38600,, "CRAWLER, RUBBER",2,,,,,,,,,,,,,



1,1,,1A6260-27270,, "GROMMET 35",1,,,,,,,,,,,,,,,,,,,,,
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4,2,,172141-41370,, "BUSH 2015",4,,,,,,,,,,,,,,,,,,,,,
6,2,,24550-014150,, "BUSH 14X15",2,,,,,,,,,,,,,,,,,,,,,
7,1,,172480-45550,, "PLATE, GUIDERG (72)",1,,,,,,,,,,,,,,,,,,,,,
8,1,,172480-49200,, "COVER F ASSY, EP",1,,,,,,,,,,,,,,,,,,,,,
9,2,,172480-49120,, "SEAL, STAND",2,,,,,,,,,,,,,,,,,,,,,
11,1,,172480-49150,, "STAND COVER-R]",1,,,,,,,,,,,,,,,,,,,,,
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15,1,,172446-49180,, GROMMET,2,,,,,,,,,,,,,,,,,,,,,
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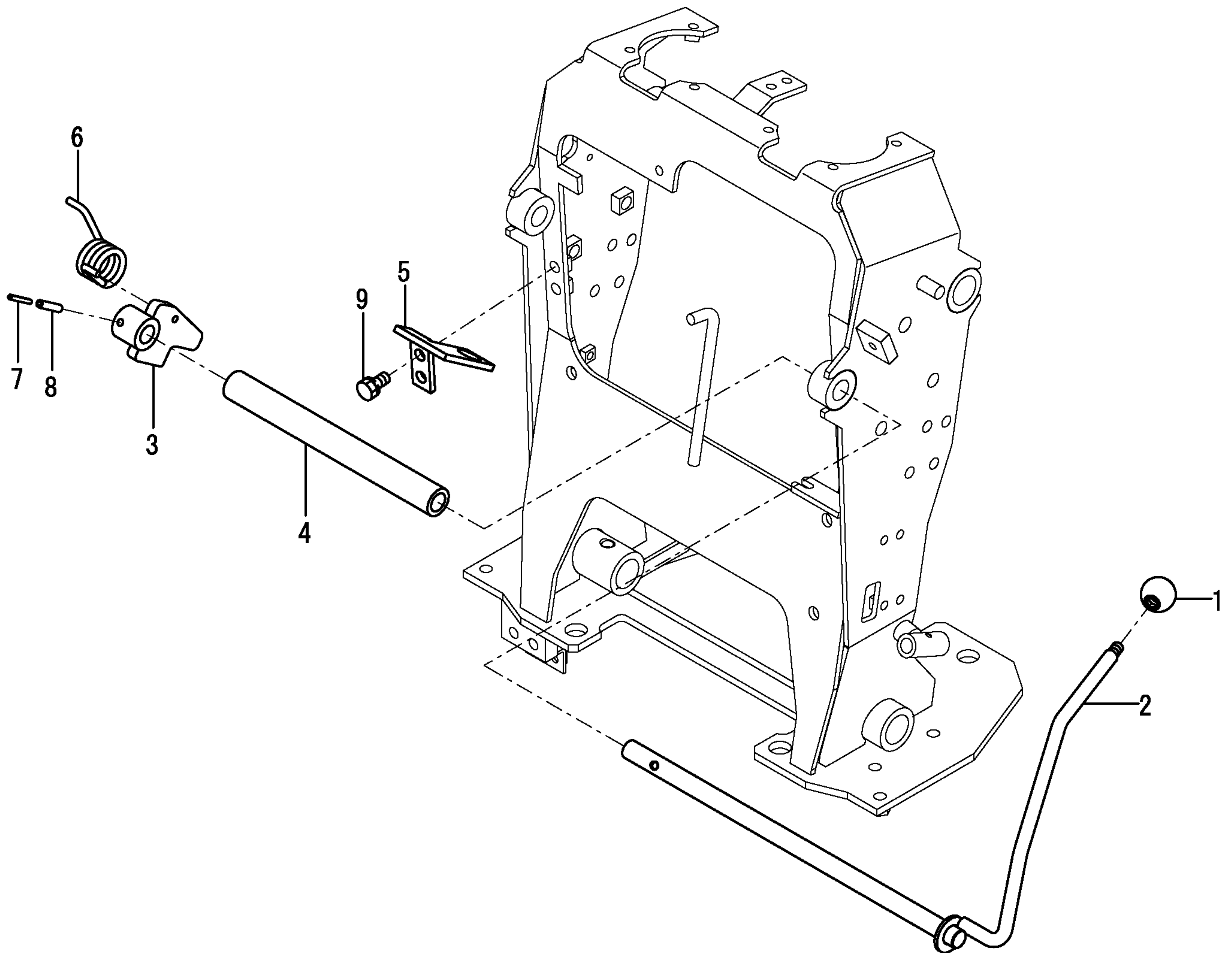
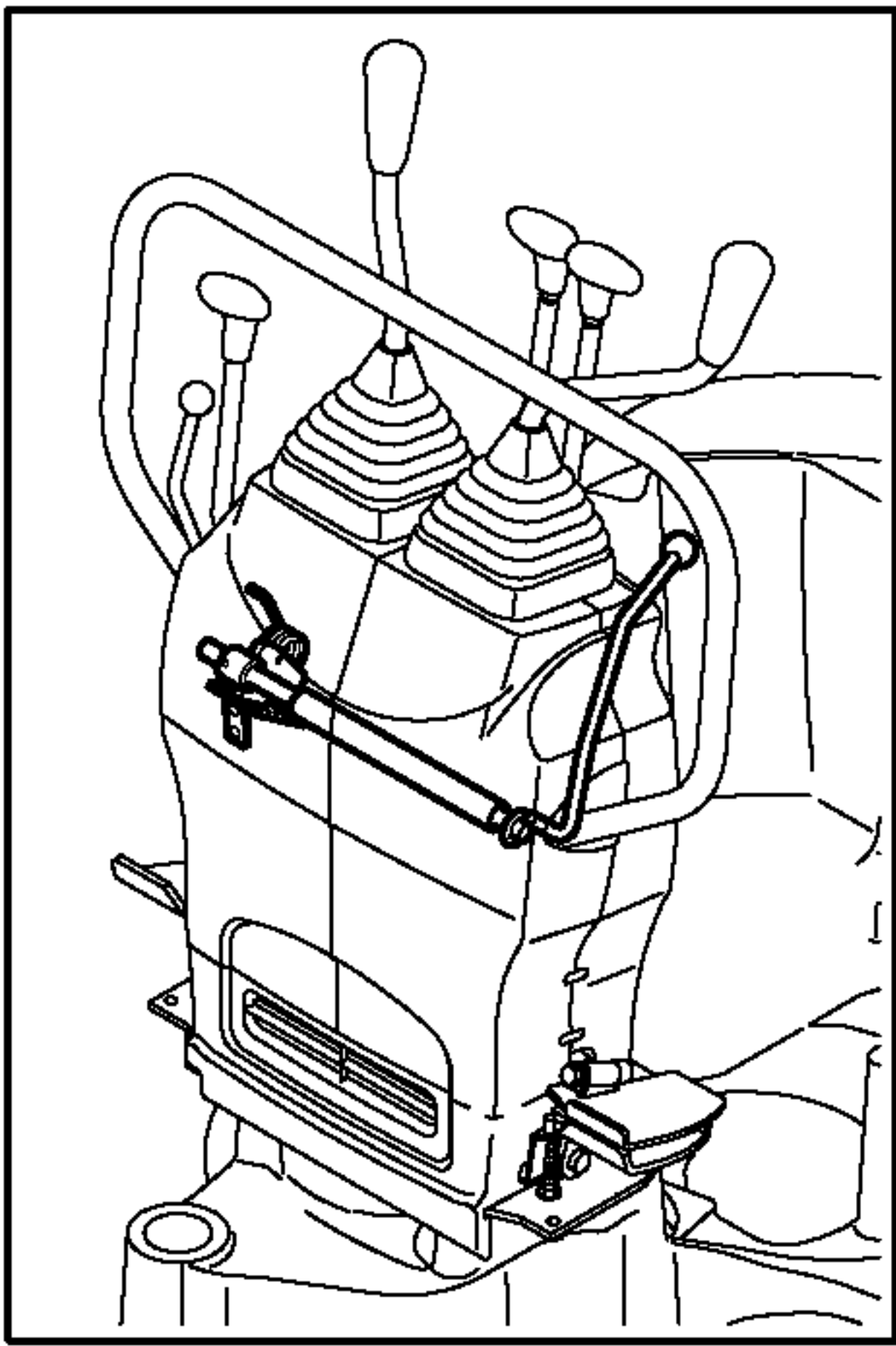
∴PREVIOUS
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New parts are refer to Fig.64.

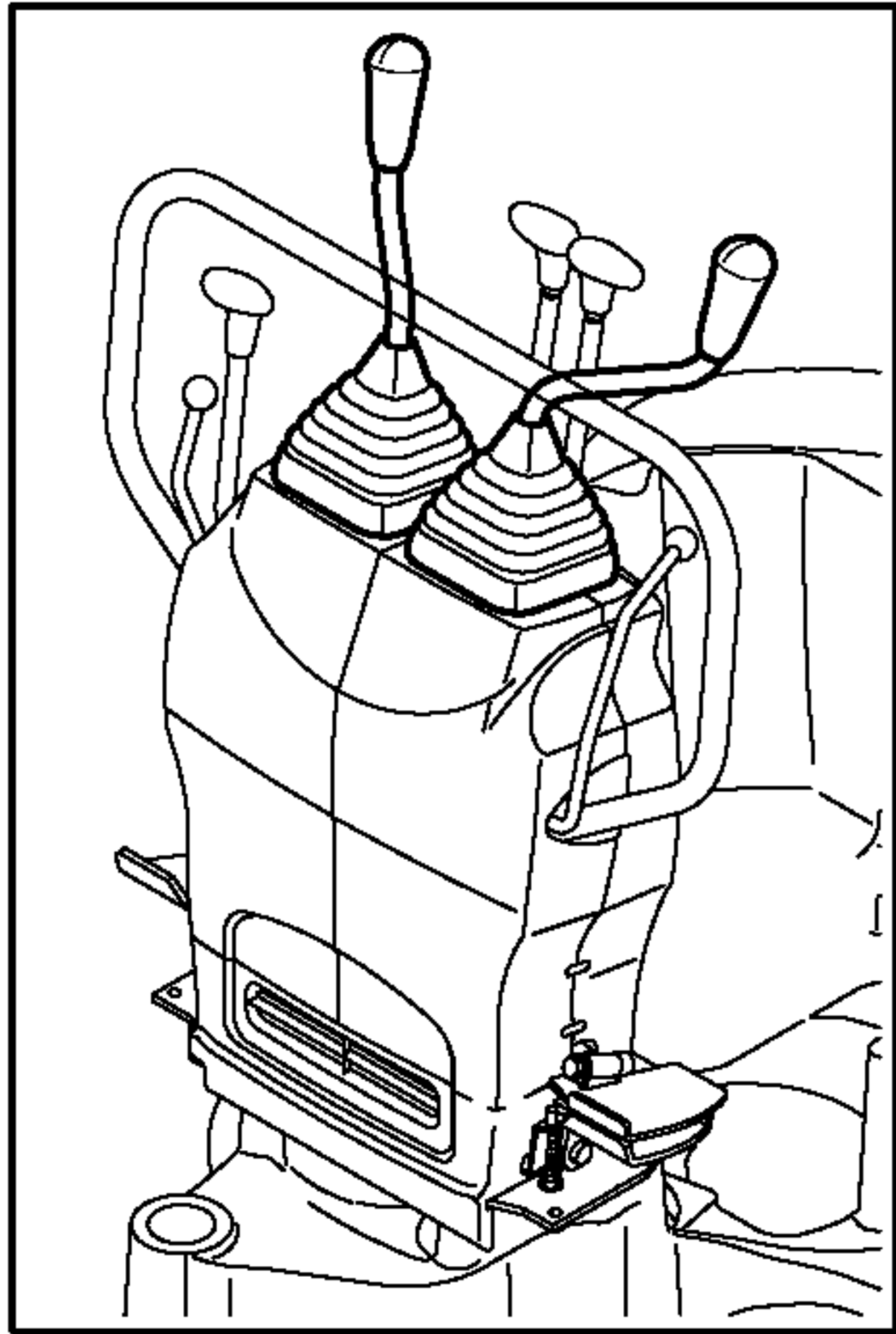


∴MARKED PART HAS BEEN CHANGED (ADDED).

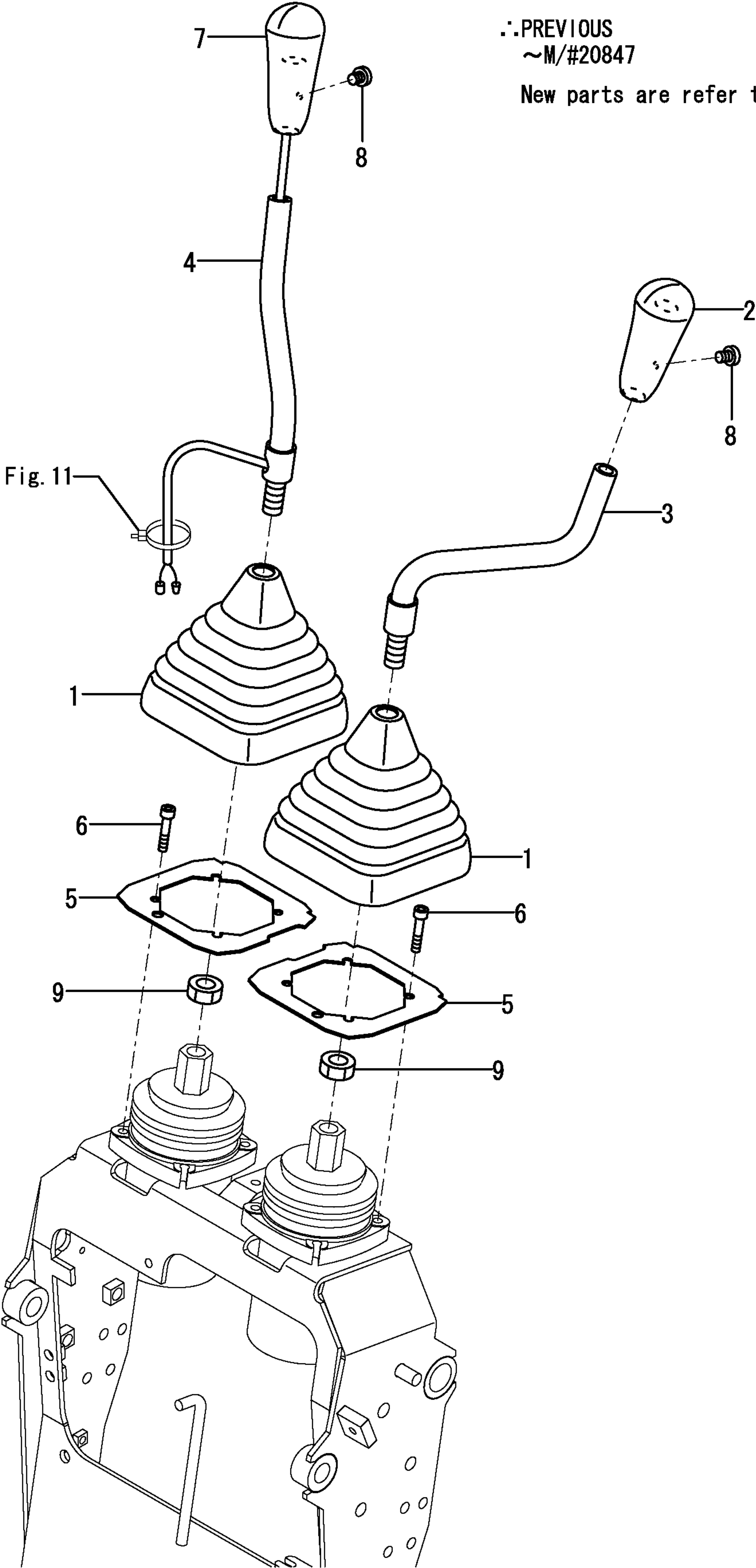
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4,1,,172480-45360,, "PIPE (GRAY:72)",1,,,,,,,,,,,,,,,,,,,,,
5,1,,172480-45500,, "PLATE, SAFETY SWITCH",1,,,,,,,,,,,,,,,,,,,,,
6,1,,172165-45970,, SPRING,1,,,,,,,,,,,,,,,,,,,,,
7,1,,22351-030025,, "SPRING PIN 3X25",1,,,,,,,,,,,,,,,,,,,,,
8,1,,22351-050025,, "SPRING PIN 5X25",1,,,,,,,,,,,,,,,,,,,,,
9,1,,26013-080162,, "BOLT W/WASHER M8X16",2,,,,,,,,,,,,,,,,,,,,,



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3,1,,172480-45150,, "LEVER-L (GRAY:72)",1,,,,,,,,,,,,,,,,,,,,,
4,1,,172480-45170,, "LEVER-R (GRAY:72)",1,,,,,,,,,,,,,,,,,,,,,
5,1,,172480-45380,, "PLATE, BOOTS (GRAY:72)",2,,,,,,,,,,,,,,,,,,,,,
6,1,,172458-46730,, "BOLT N6X30",6,,,,,,,,,,,,,,,,,,,,,
7,1,,172165-47871,, "KNOB (A) ASSY",1,,,,,,,,,,,,,,,,,,,,,
8,1,,26587-040062,, "SCREW M 4X 6",2,,,,,,,,,,,,,,,,,,,,,
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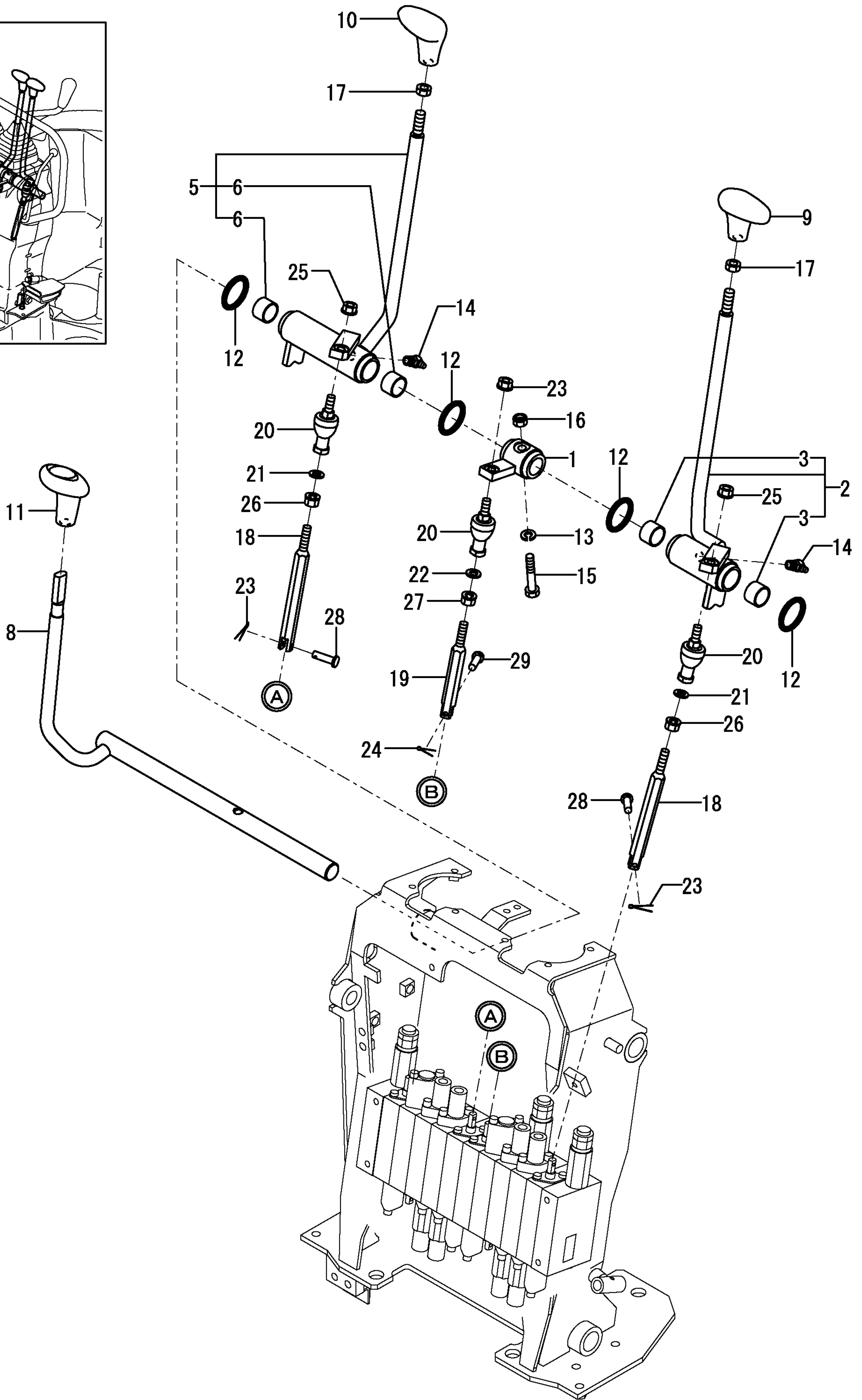
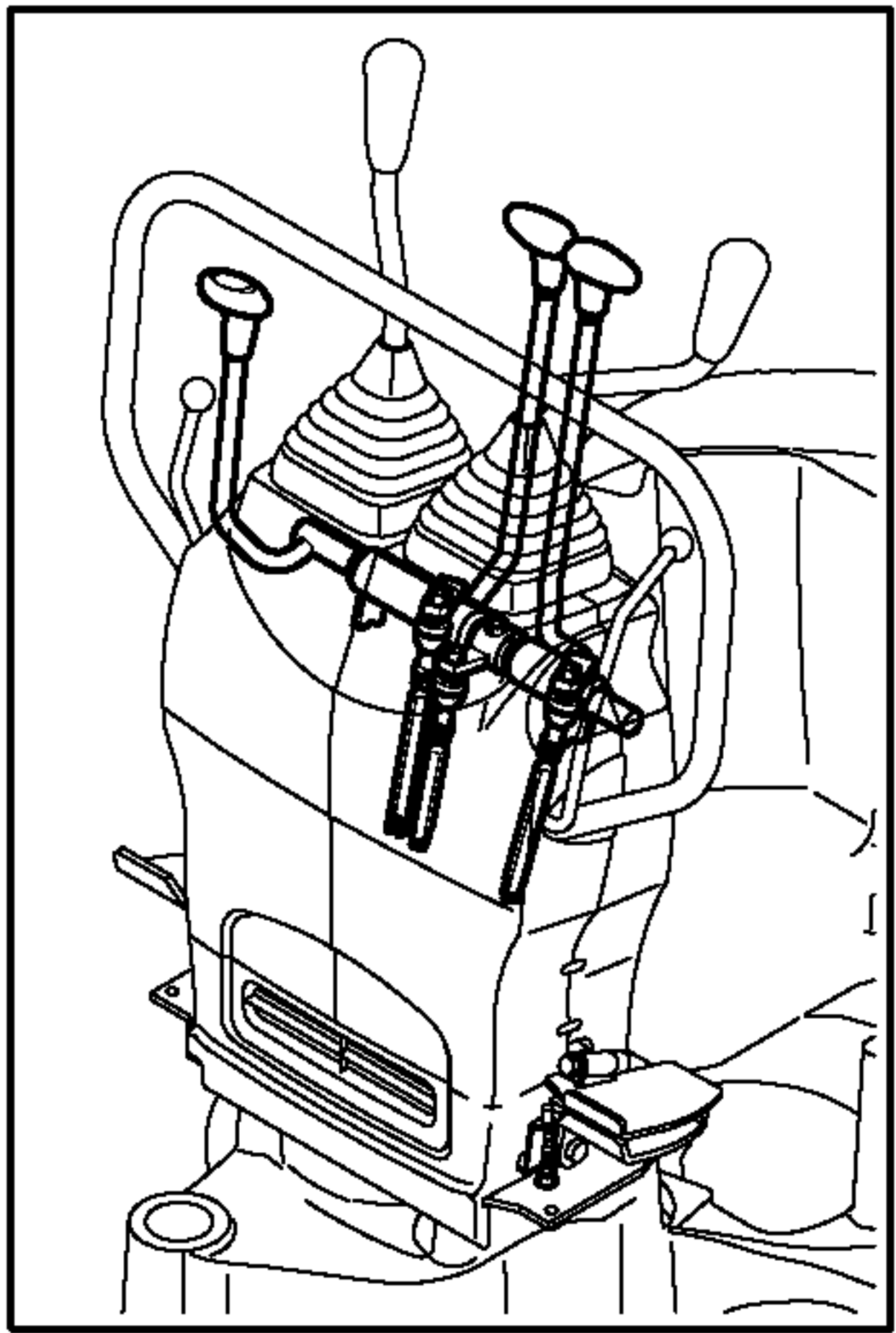


REFER TO Fig. 11

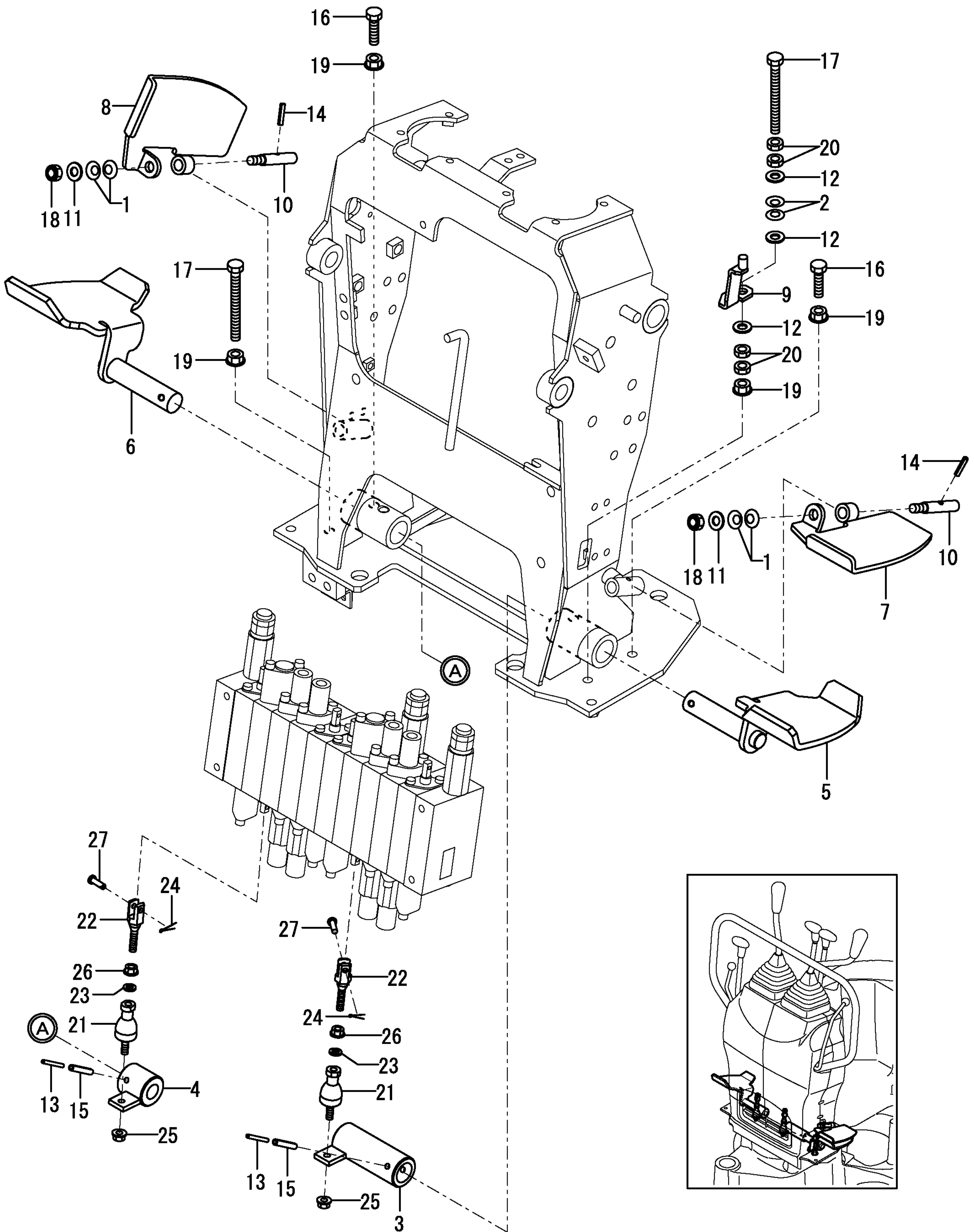


∴PREVIOUS
~M/#20847
New parts are refer to Fig. 65.

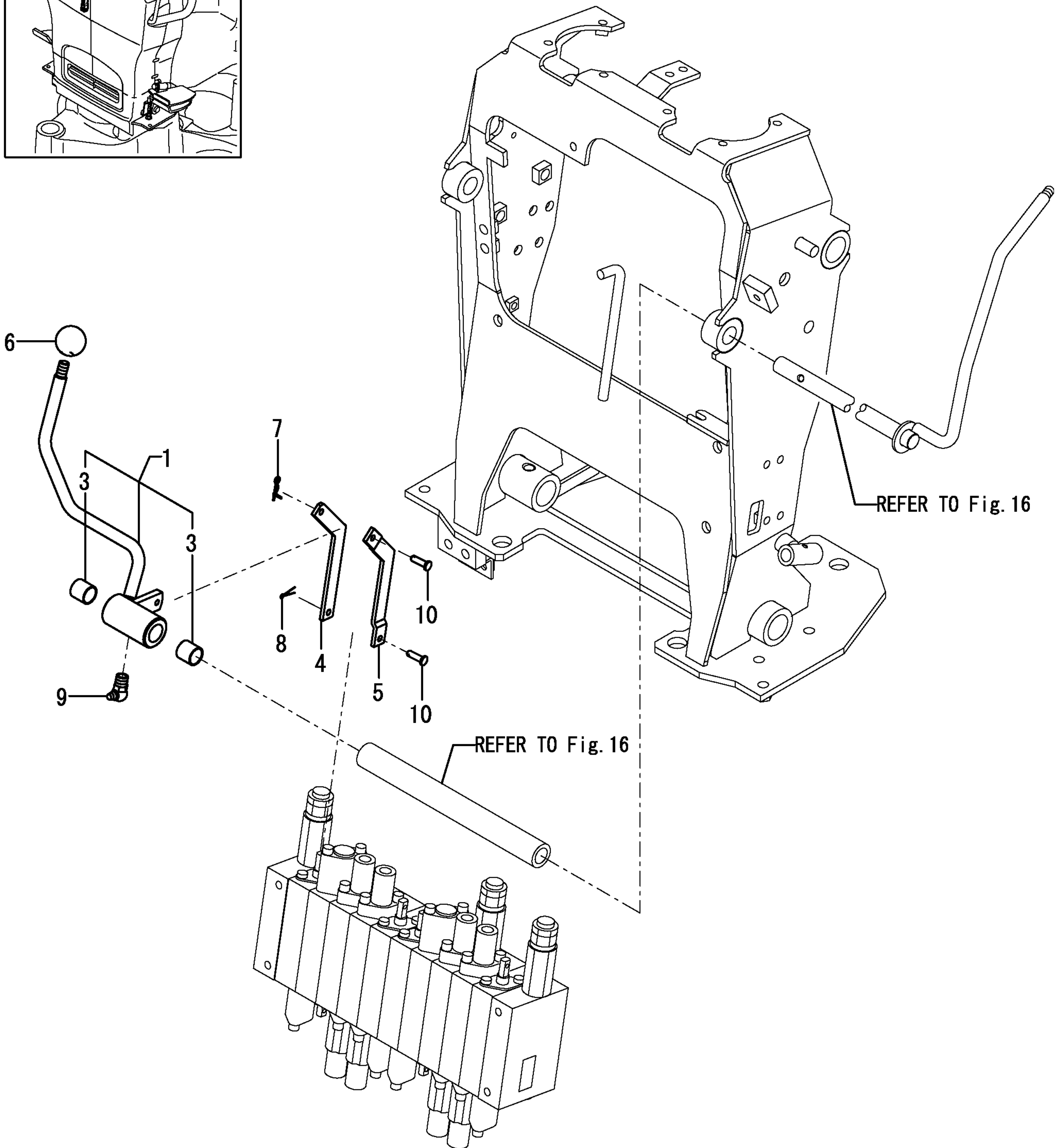
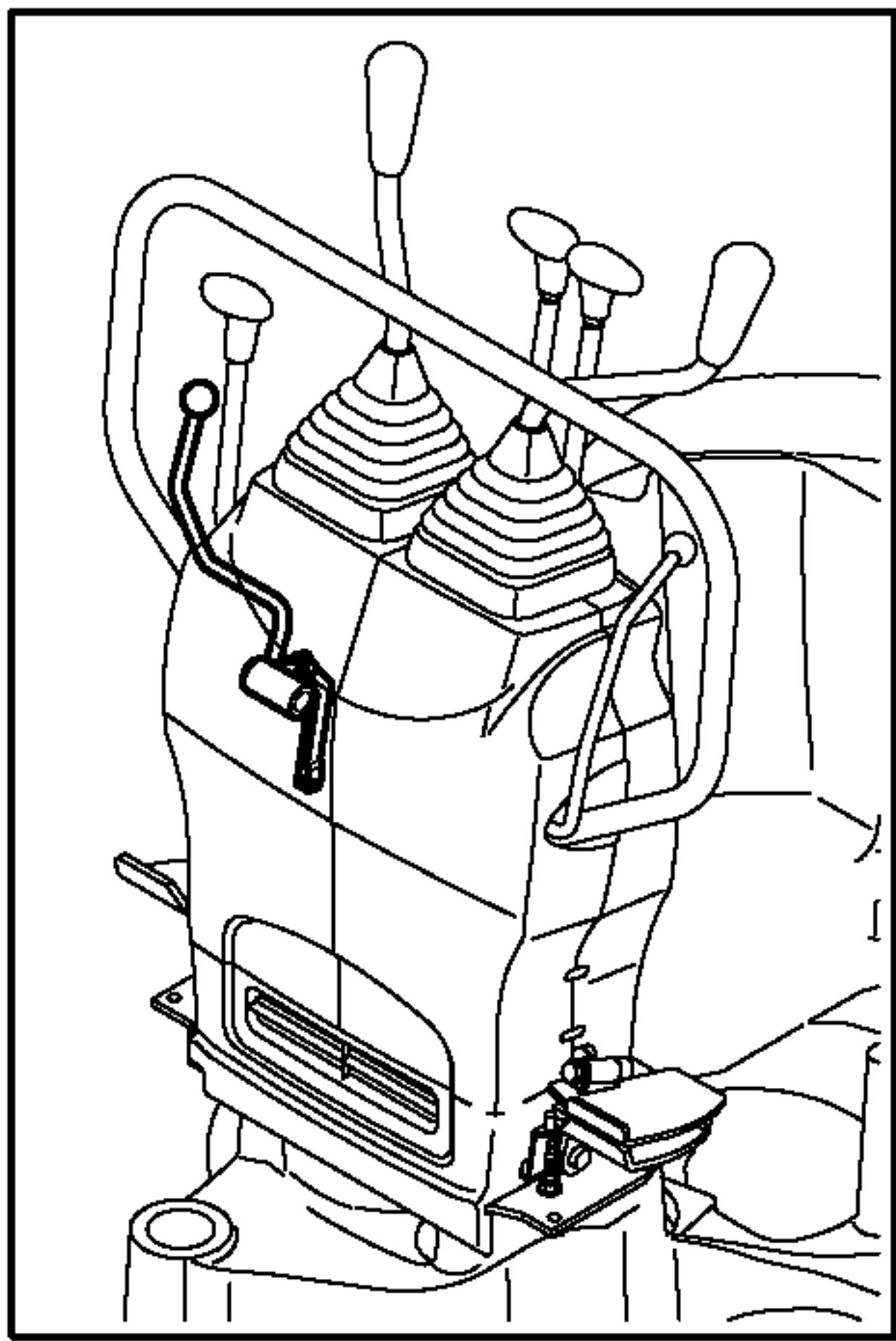
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5,1,,172480-45120,, "LEVER, TRACK R (72)",1,,,,,,,,,,,,,,,,,
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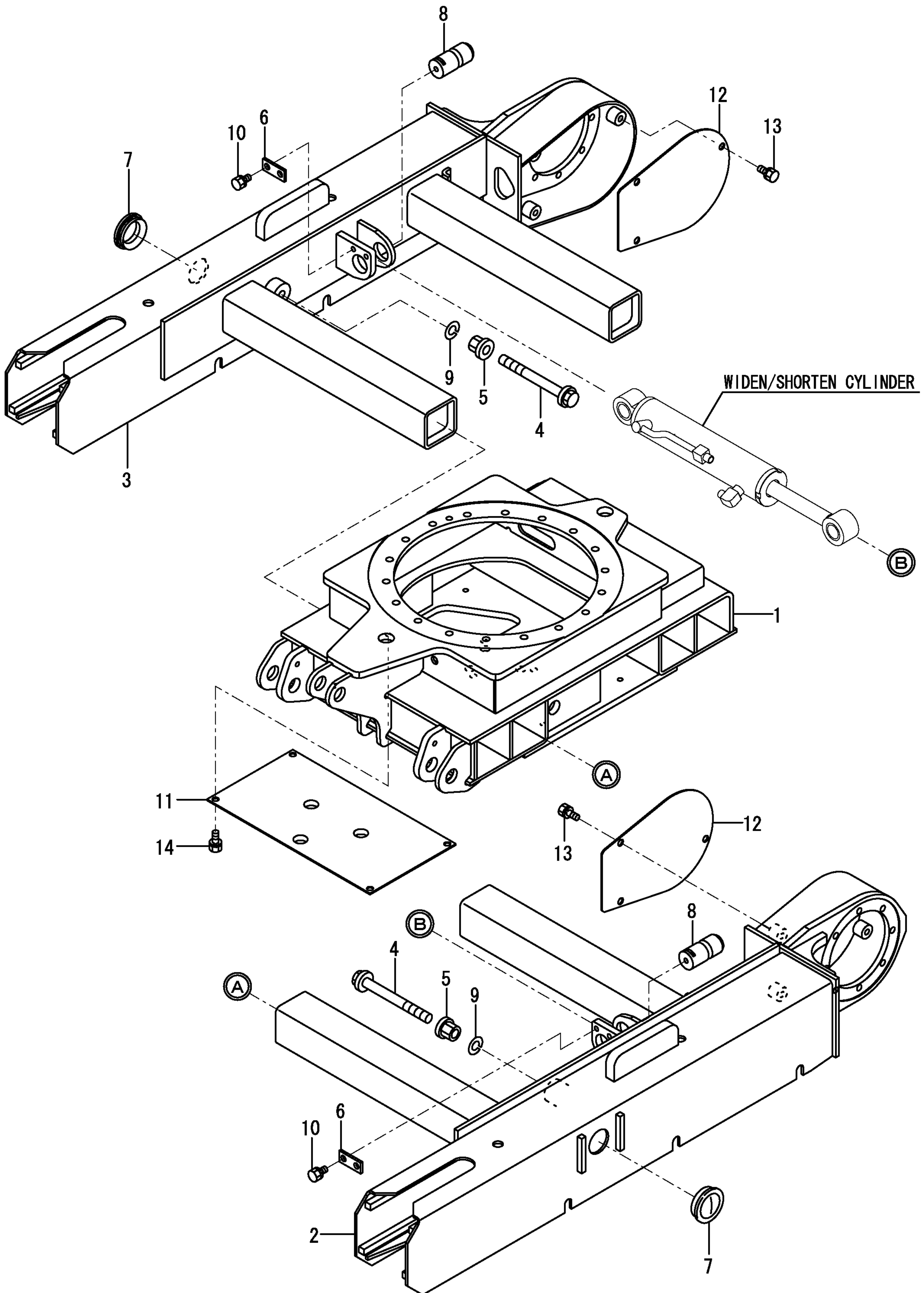
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4,1,,172480-45660,, "LINK ASSY,PEDAL R(72",1,,,,,,,,,,,,,,,,,,,,,
5,1,,172480-45750,, "PEDAL L (GRAY:72)",1,,,,,,,,,,,,,,,,,,,,,
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8,1,,172480-45860,, "COVER-R,PEDAL (72)",1,,,,,,,,,,,,,,,,,,,,,
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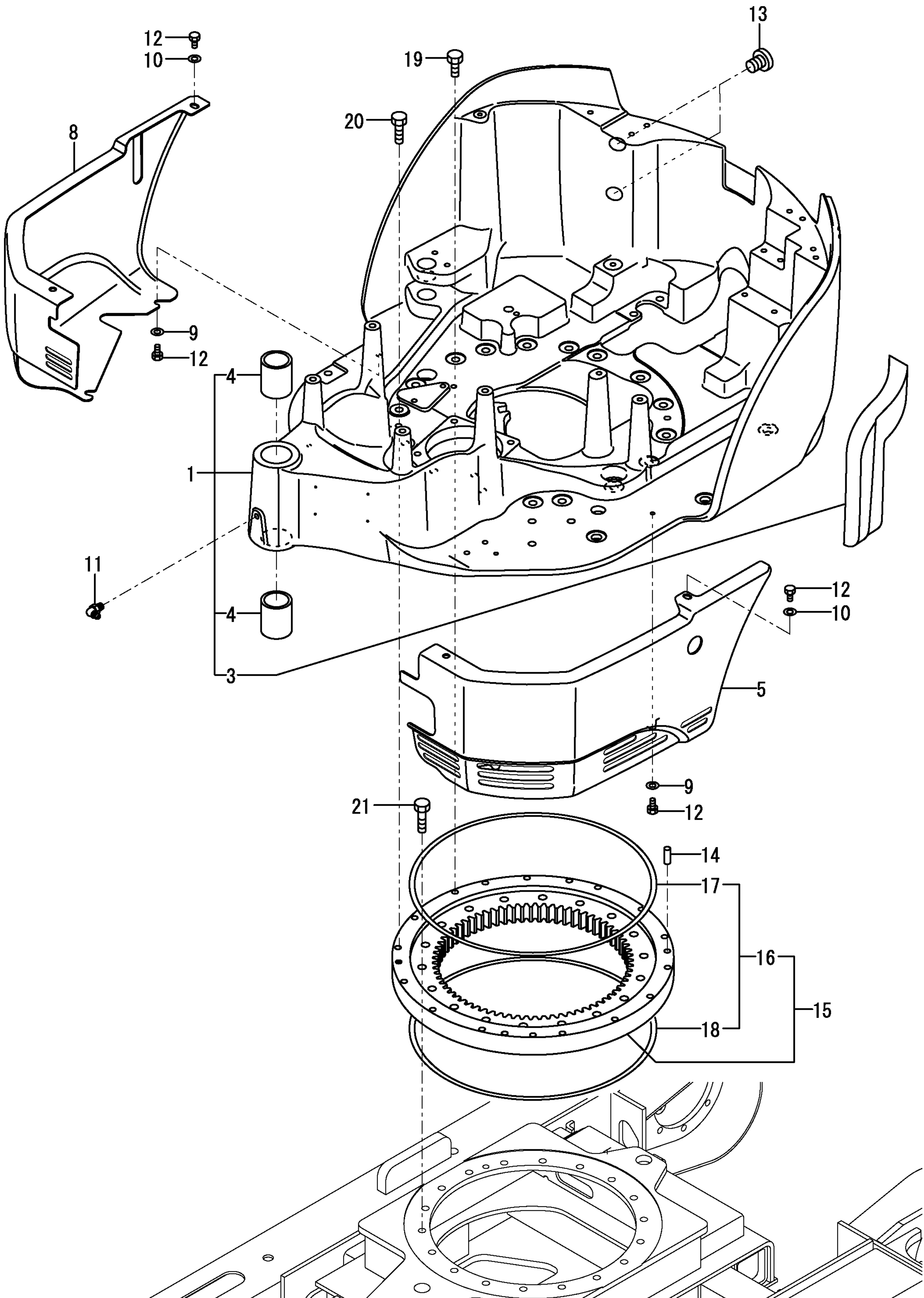
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8,1,,22417-160160,, "COTTER PIN 1.6X16",1,,,,,,,,,,,,,
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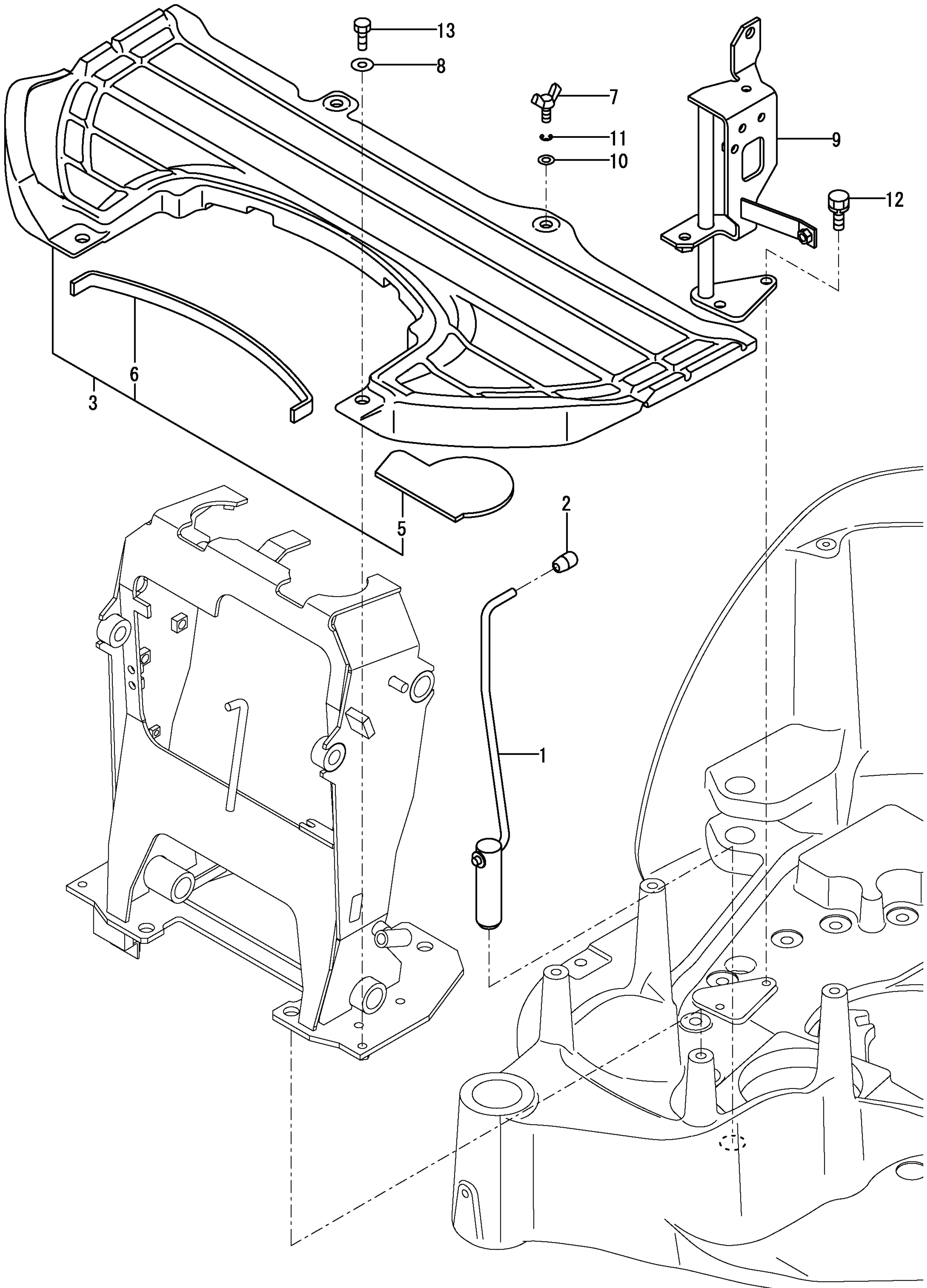
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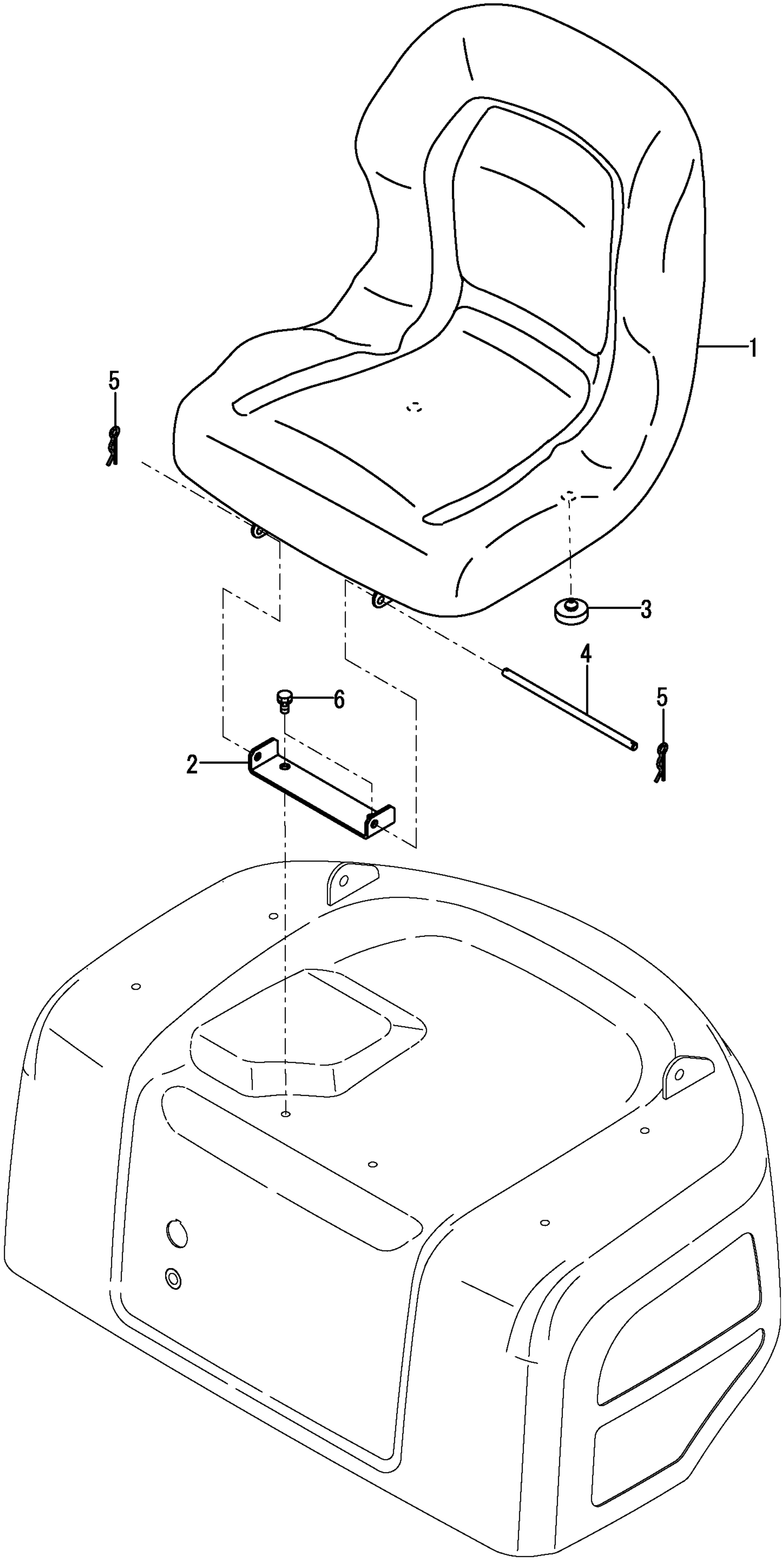
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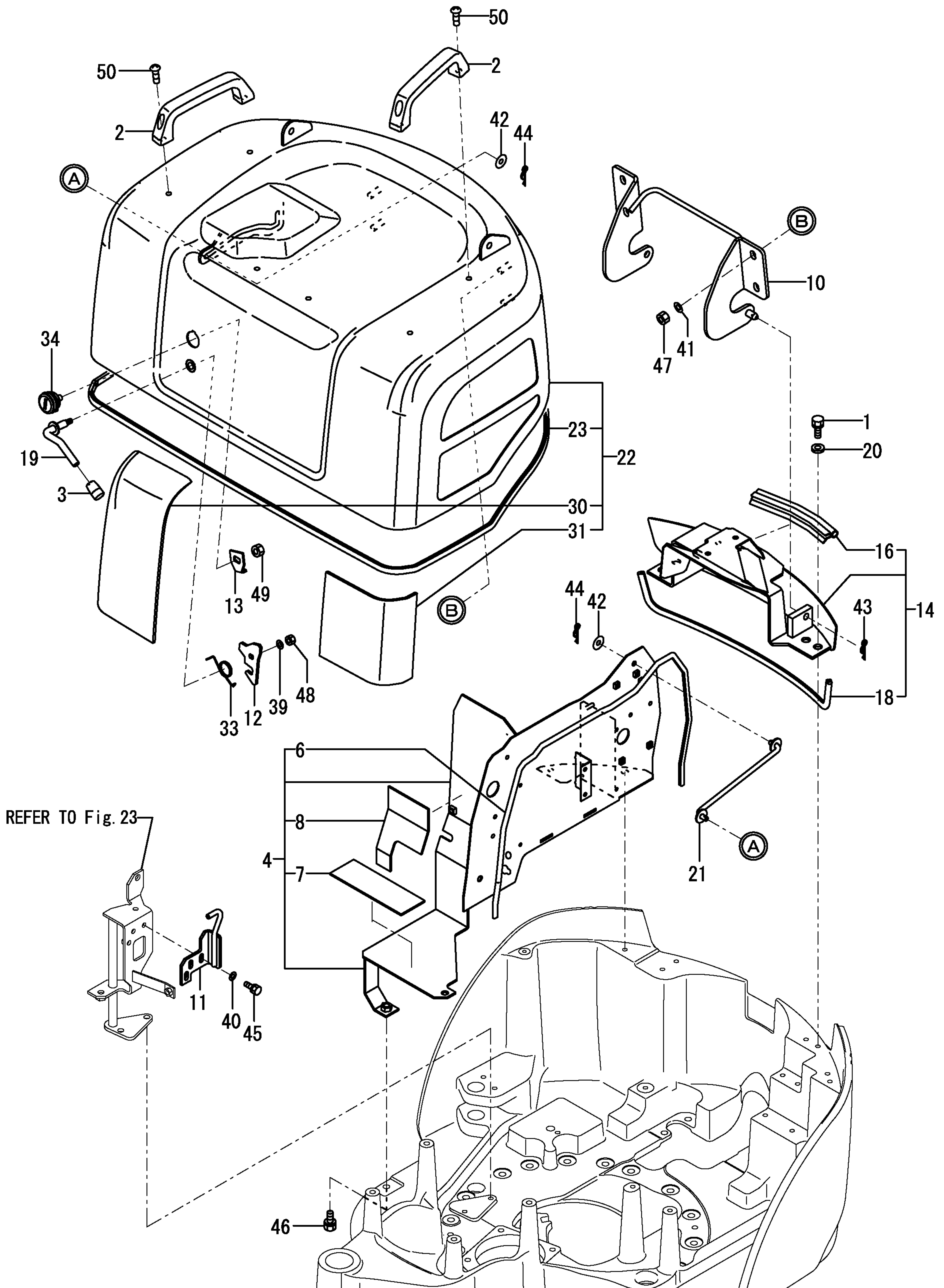
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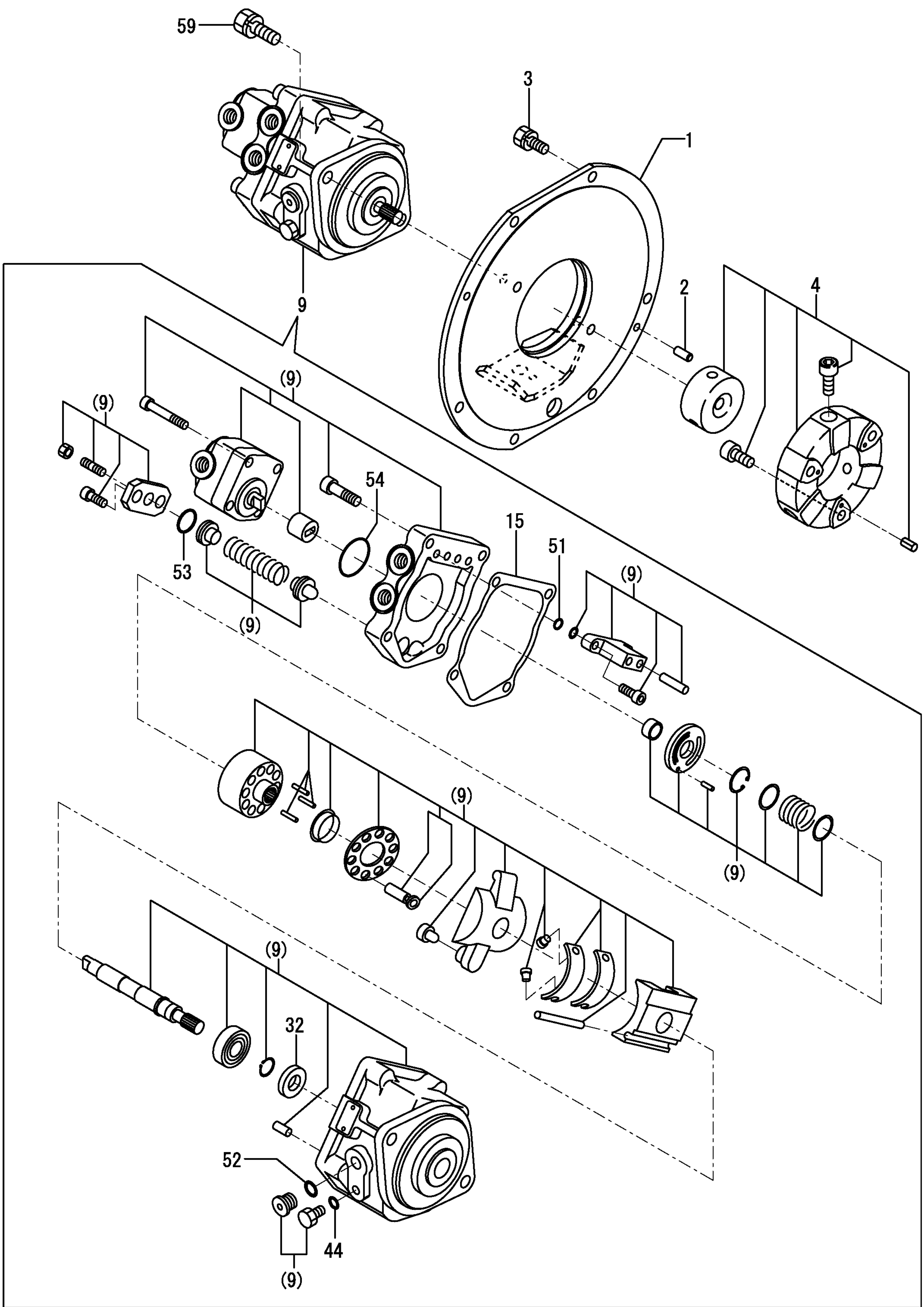
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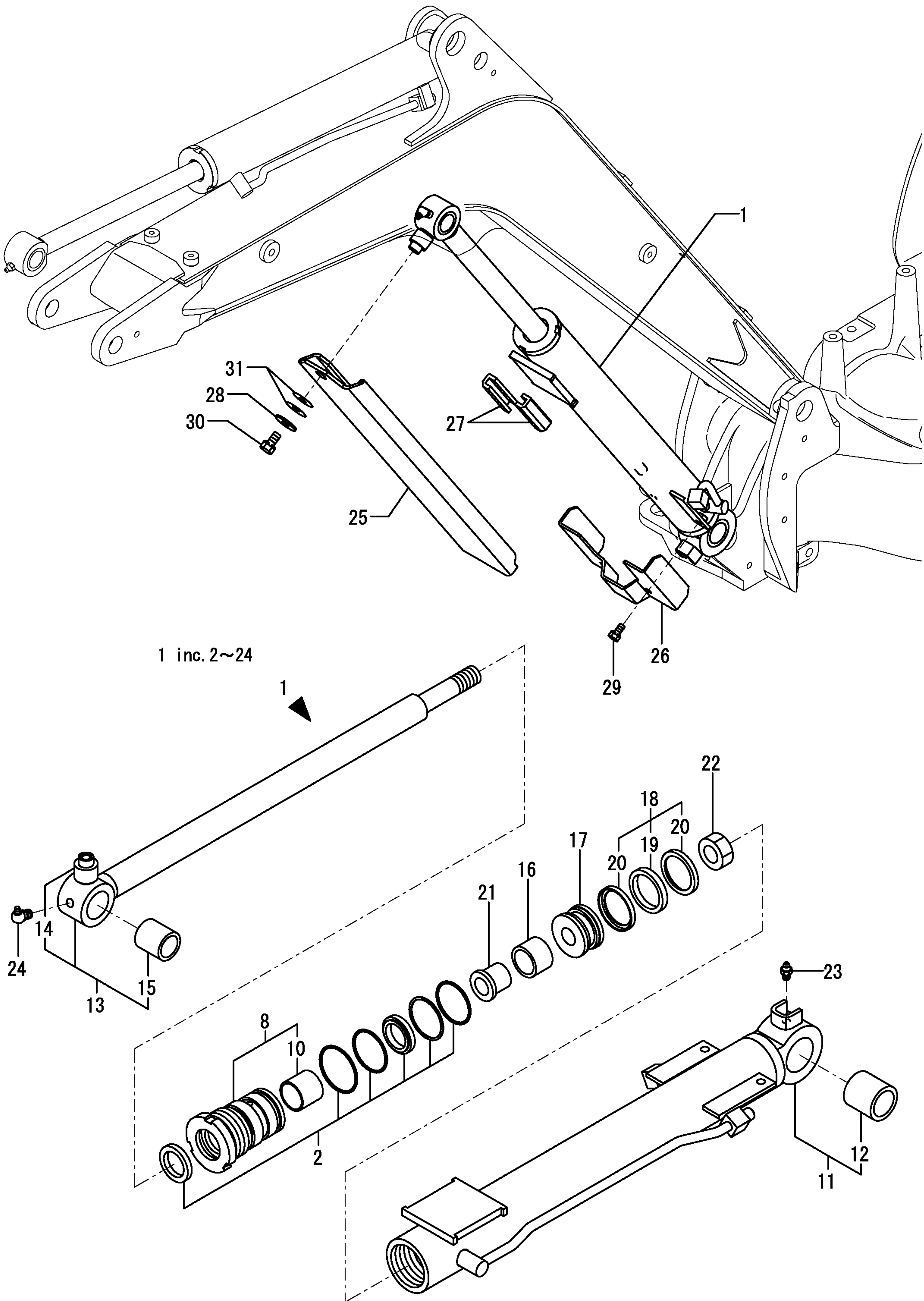
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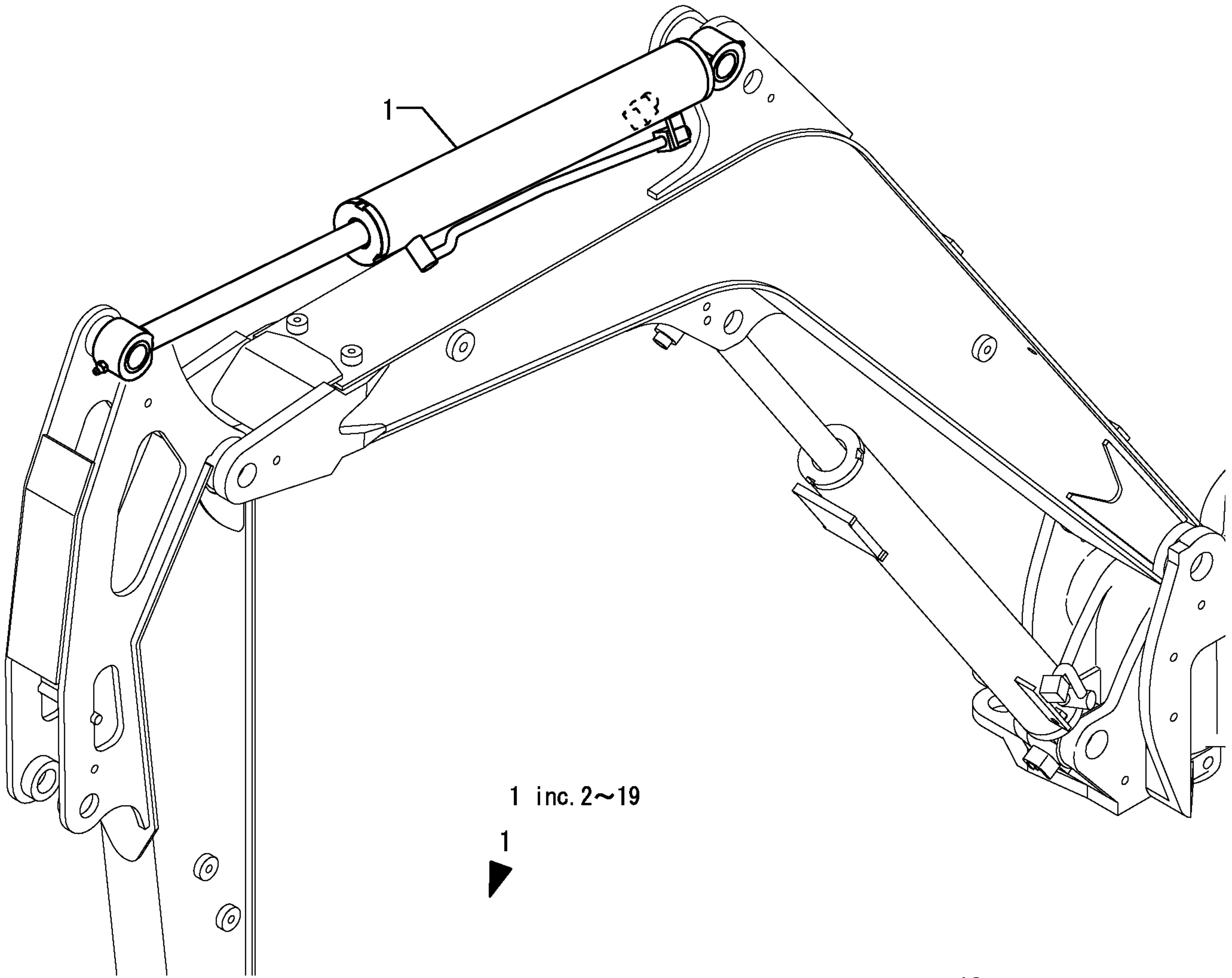
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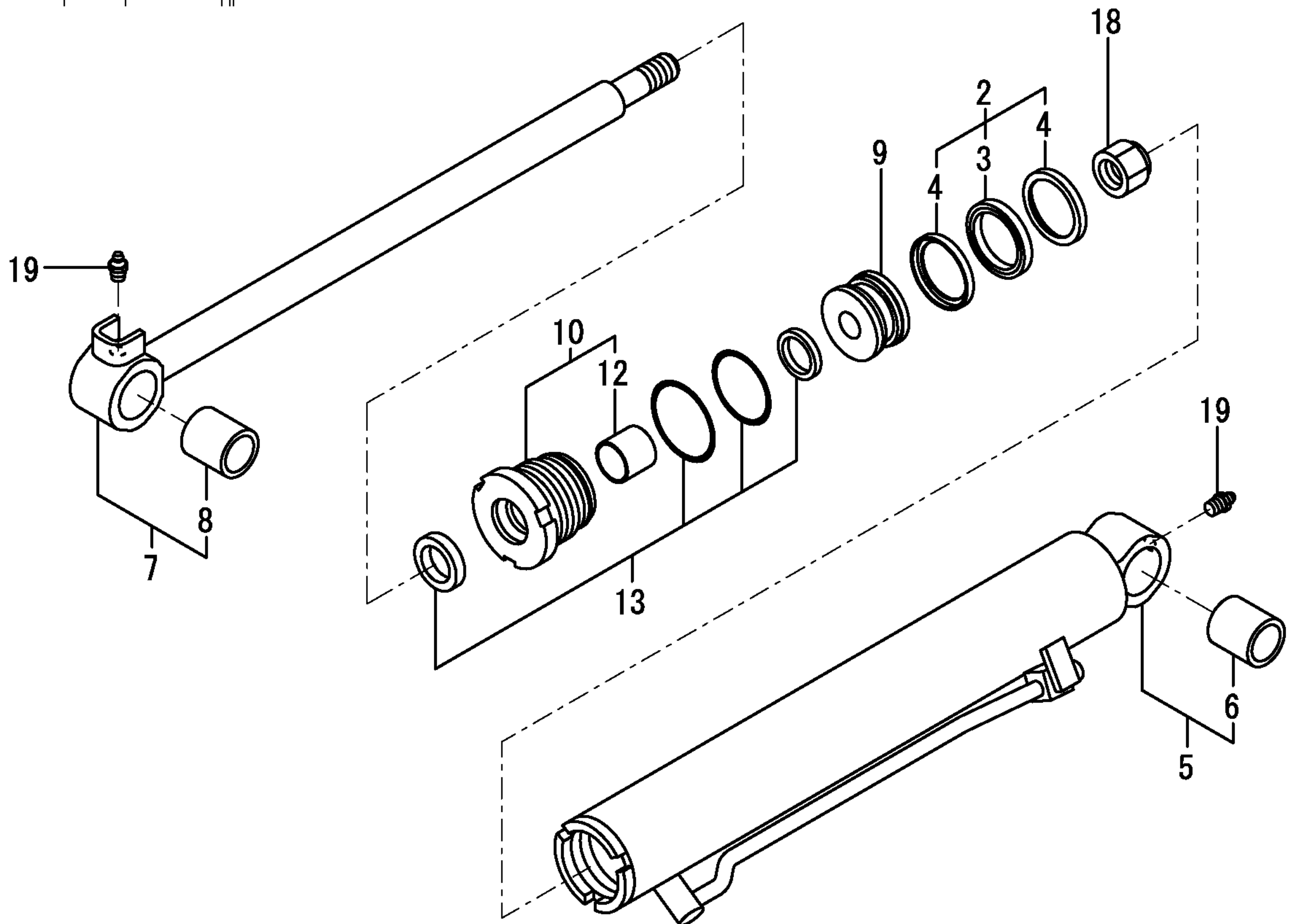


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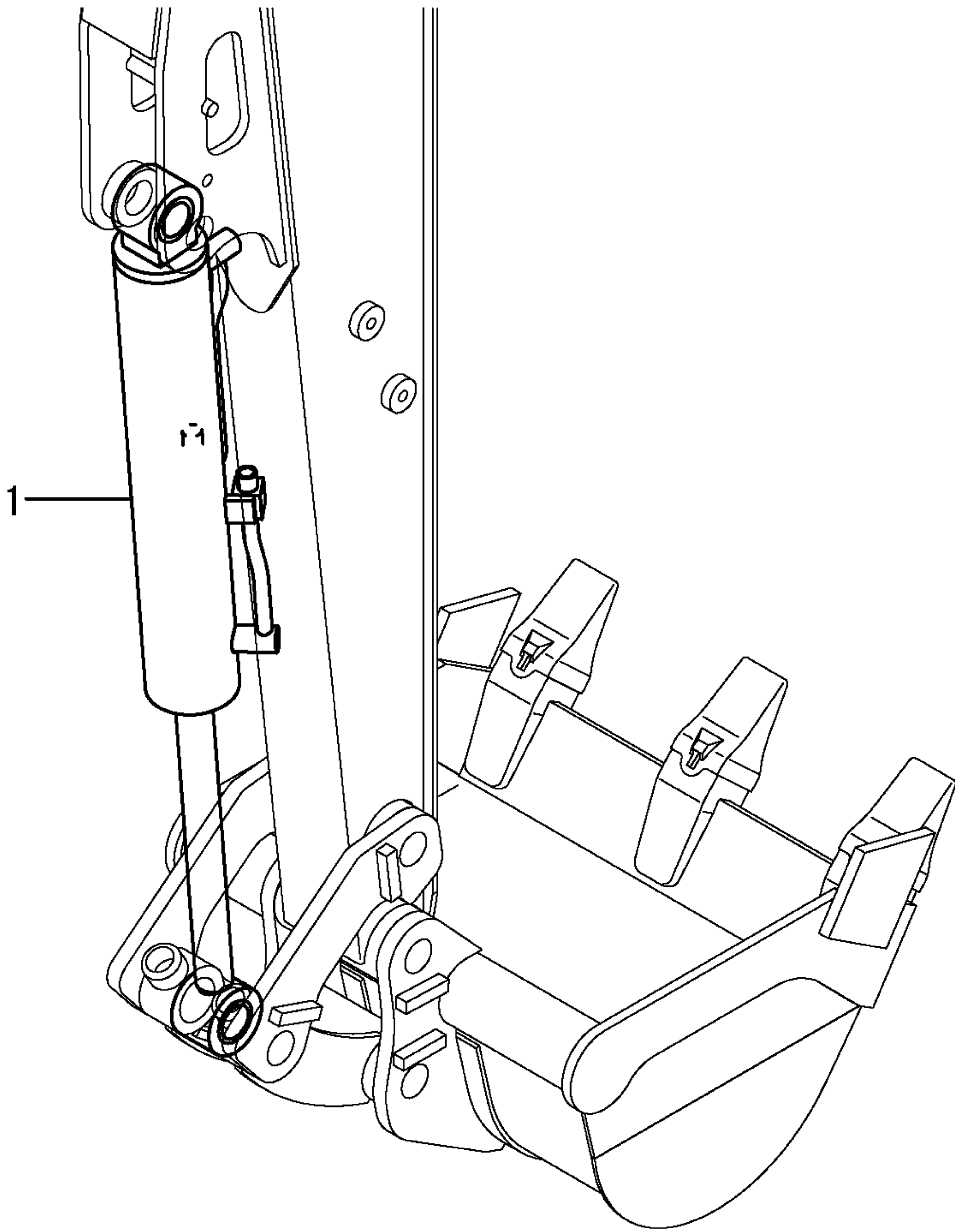


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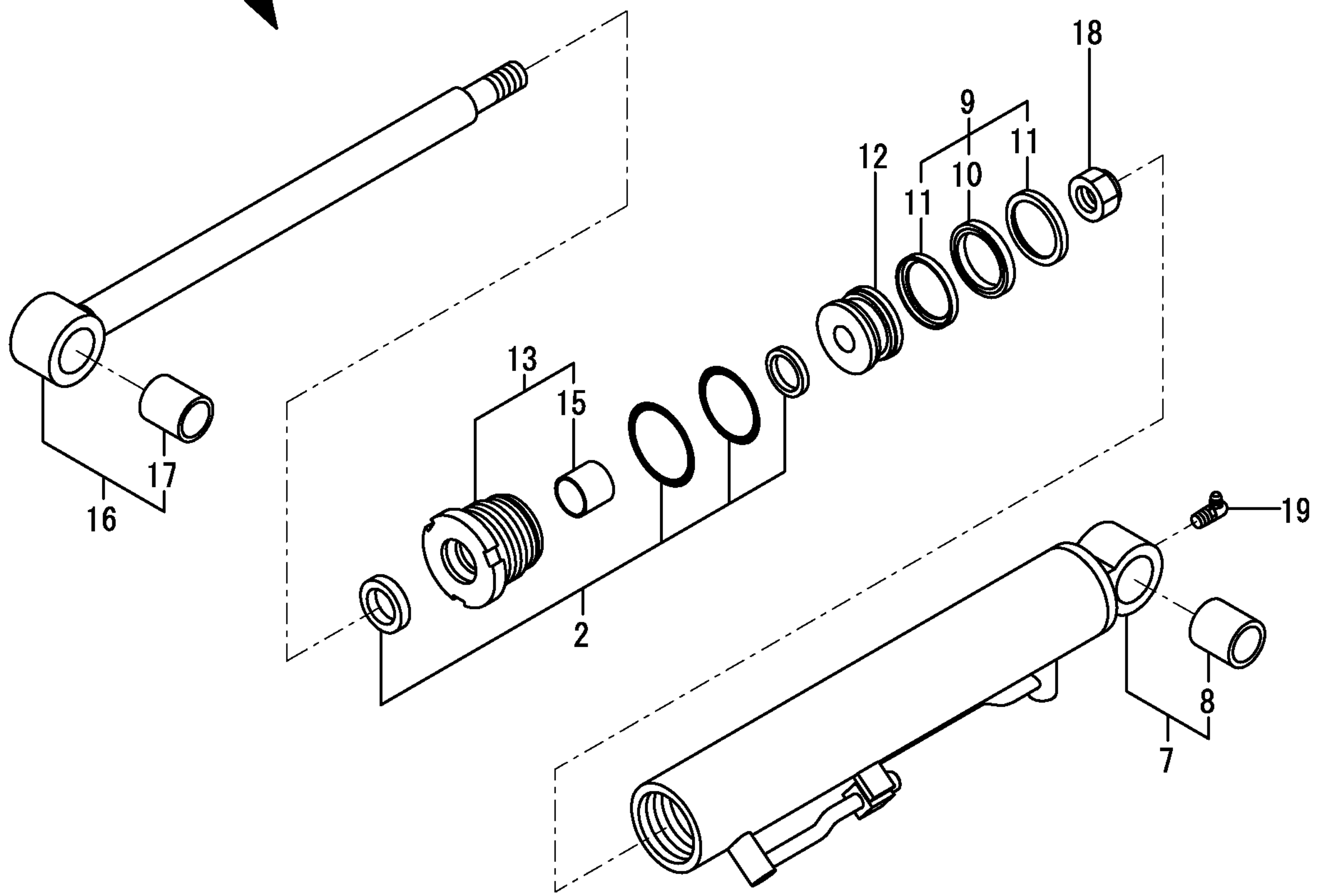
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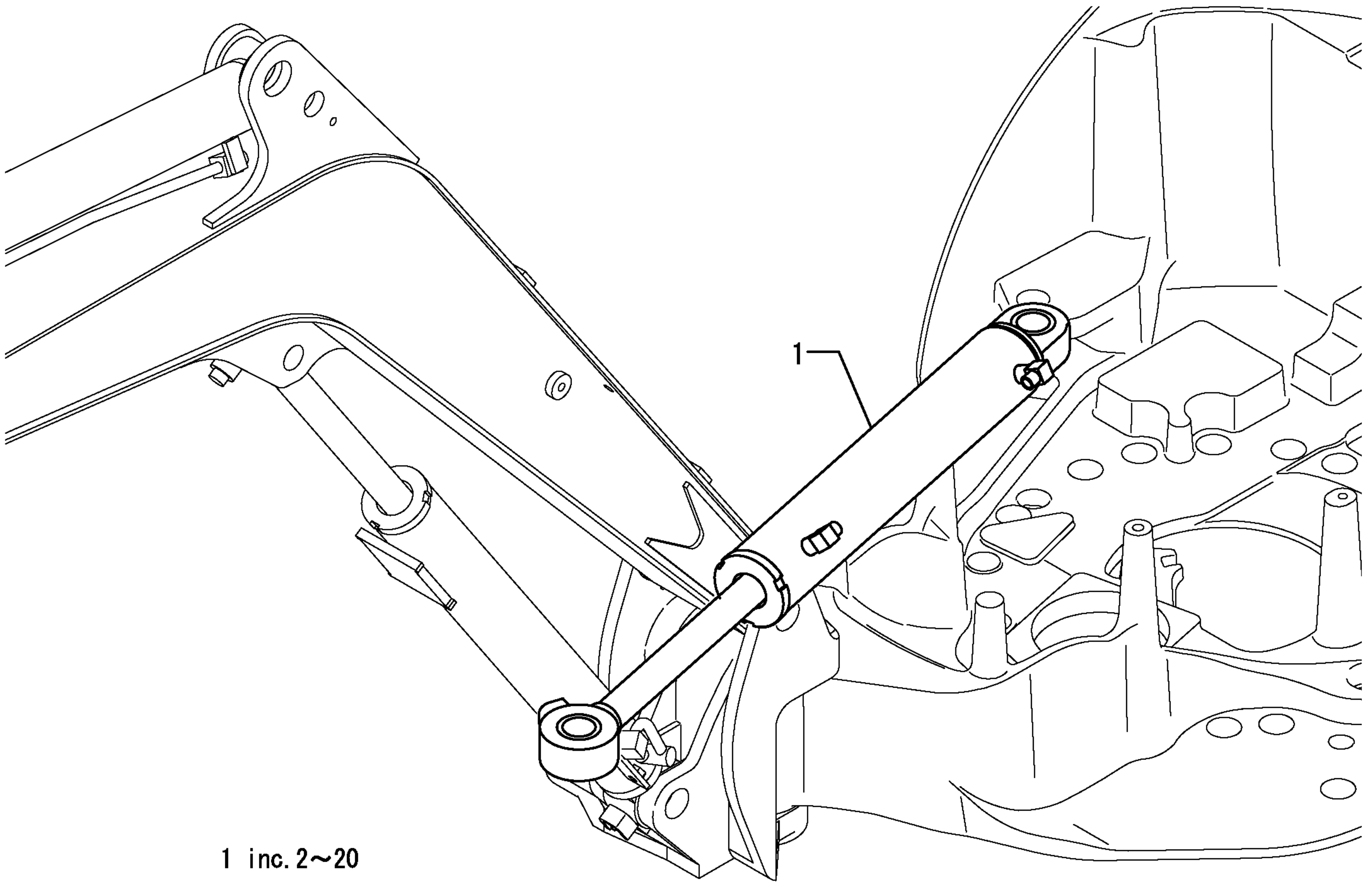
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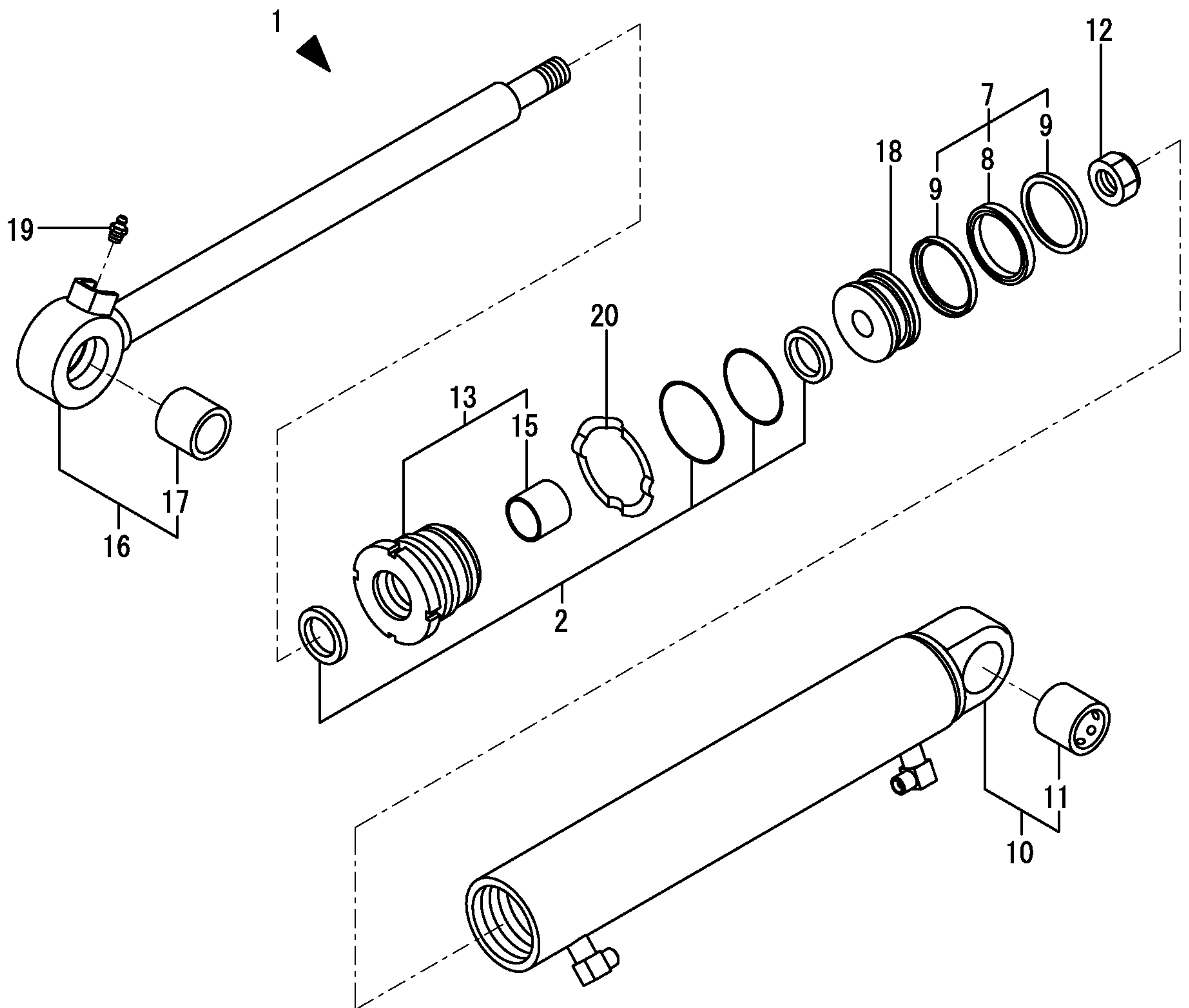
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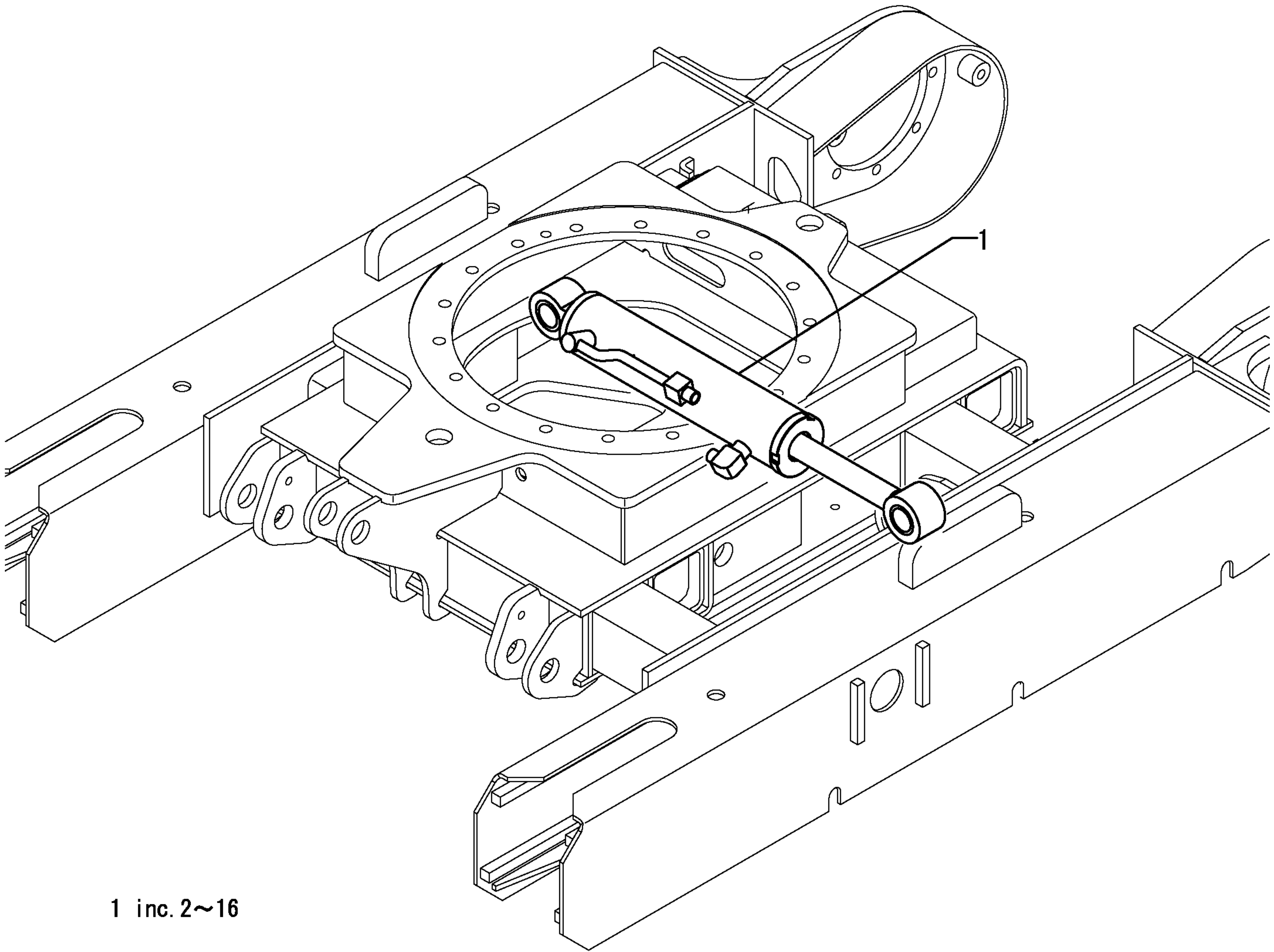


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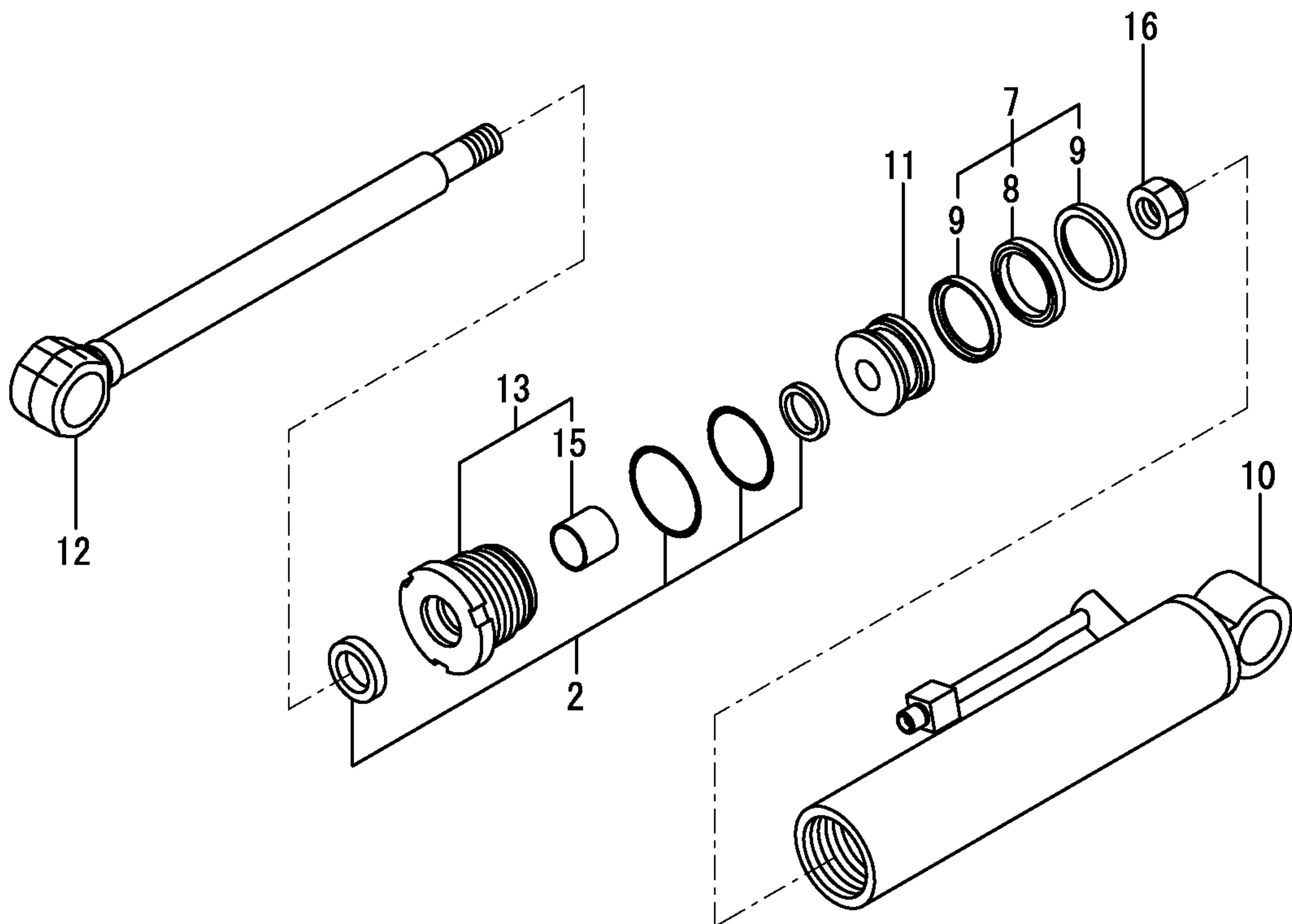


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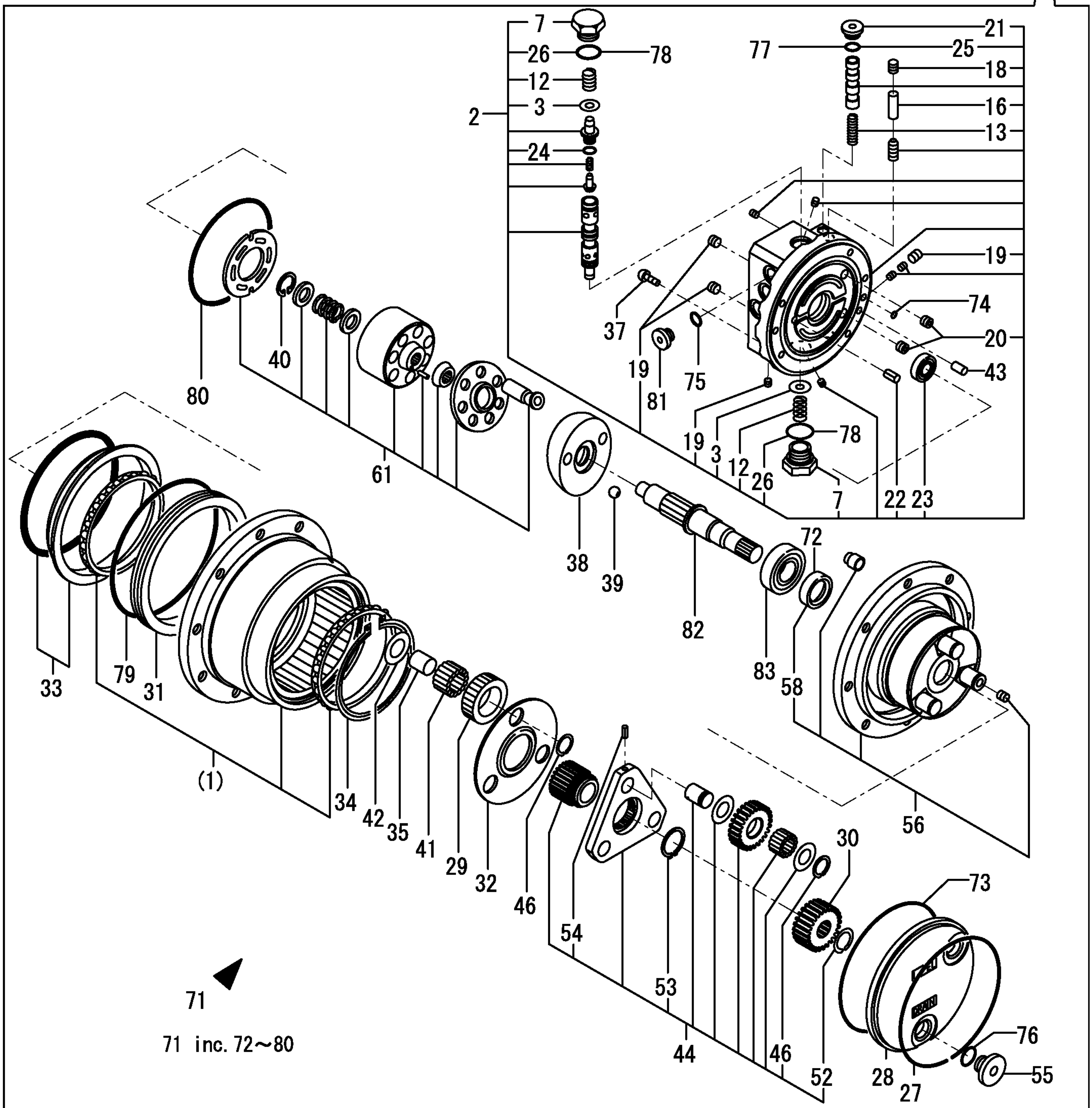
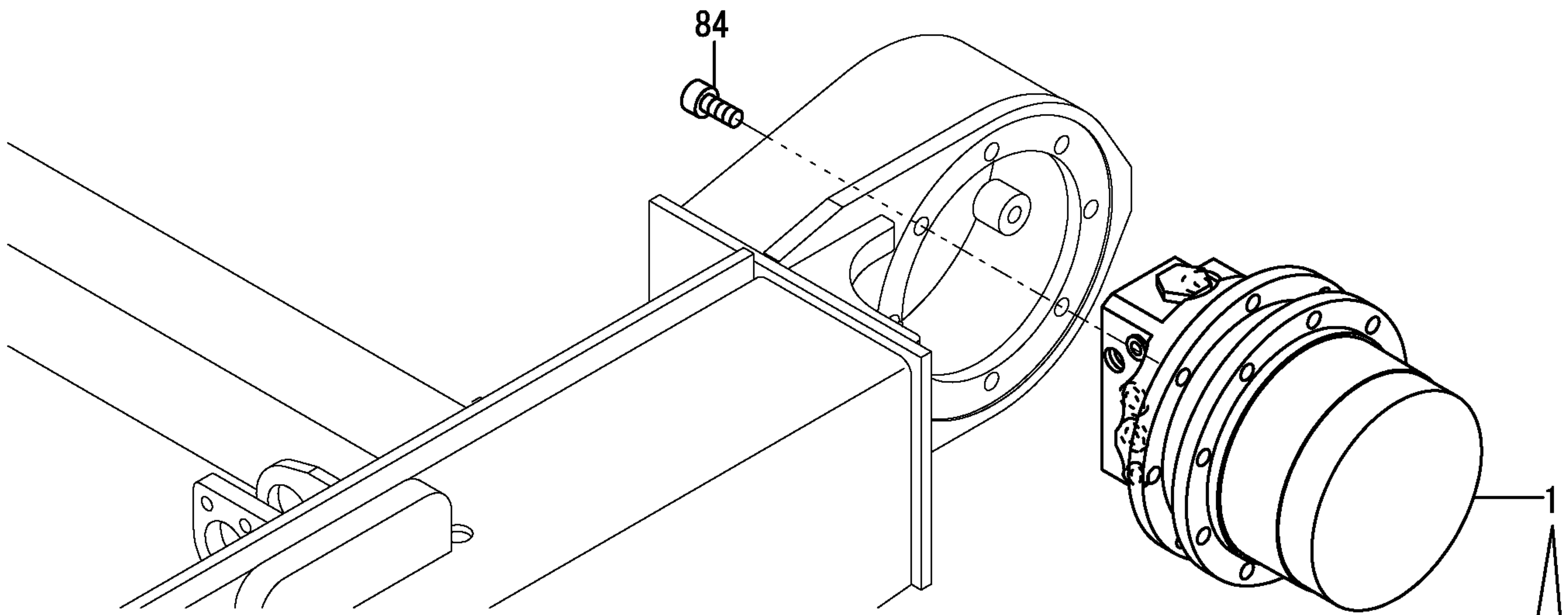
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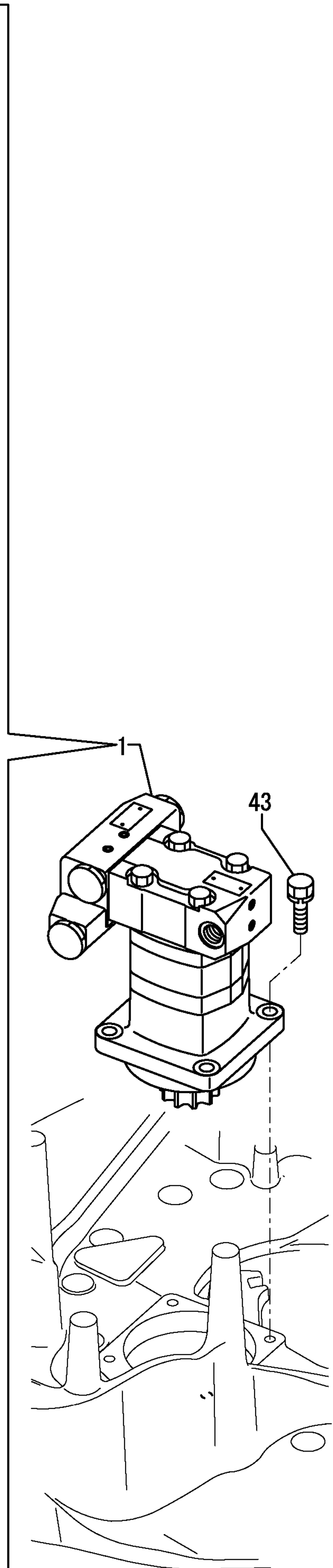
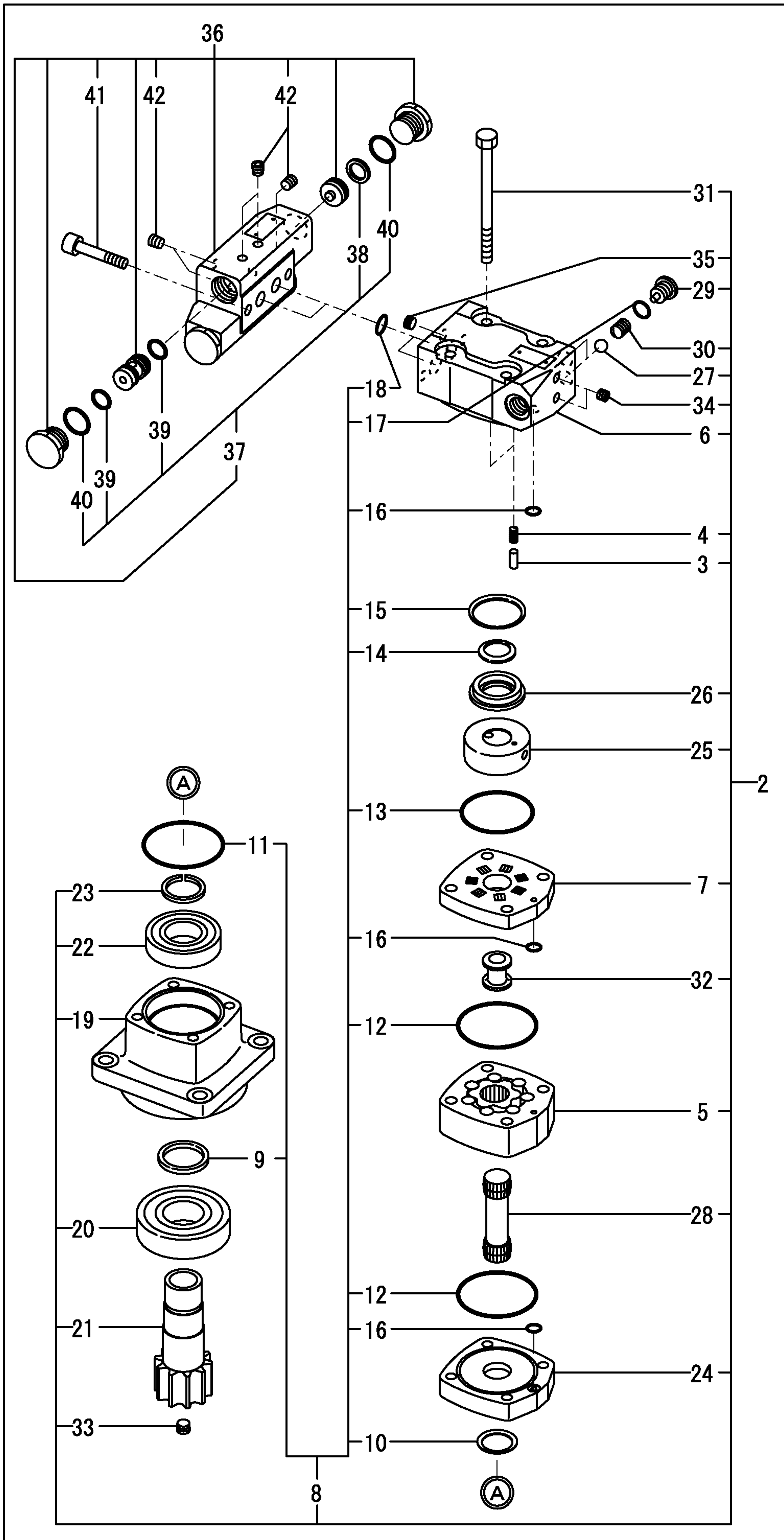

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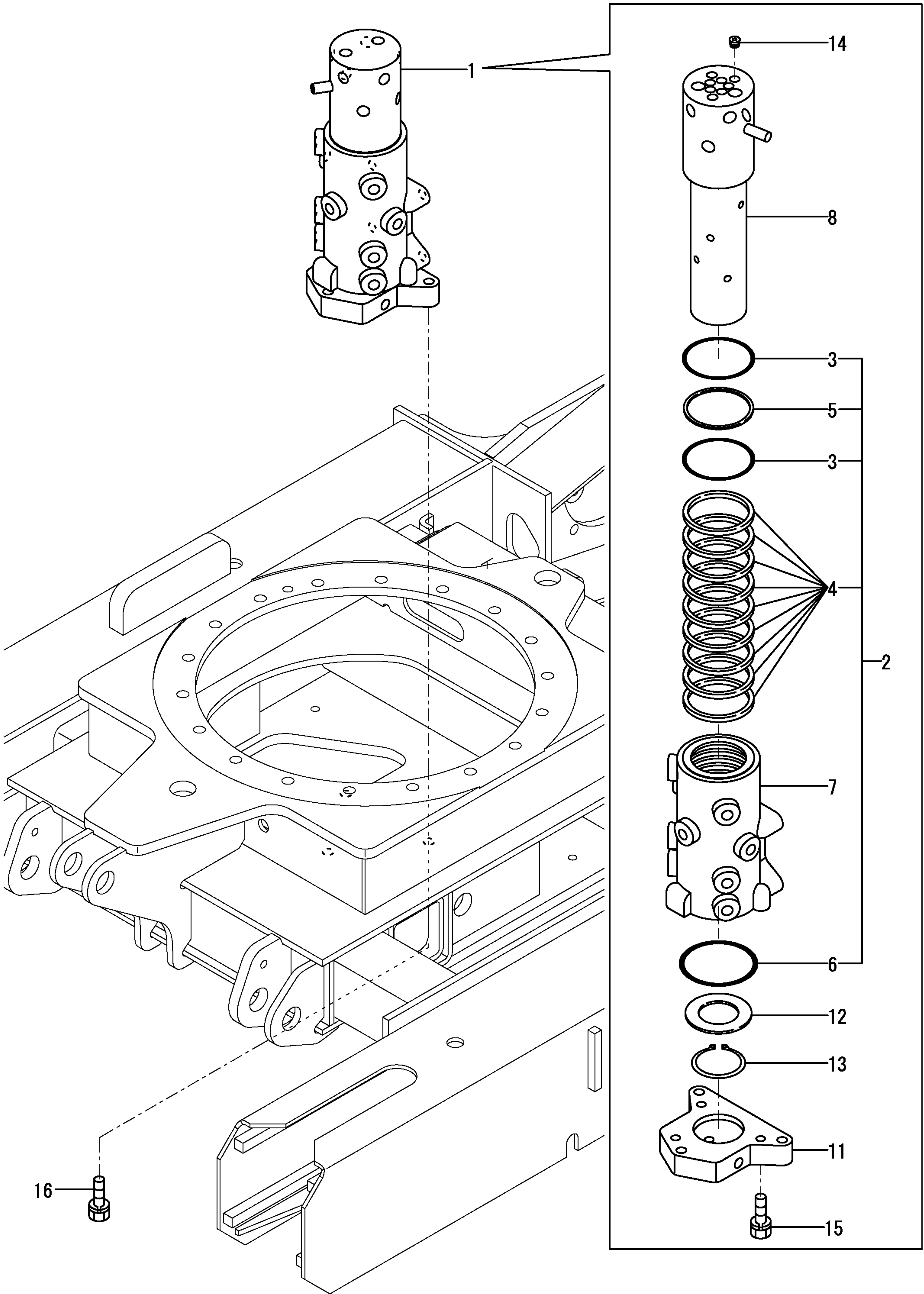
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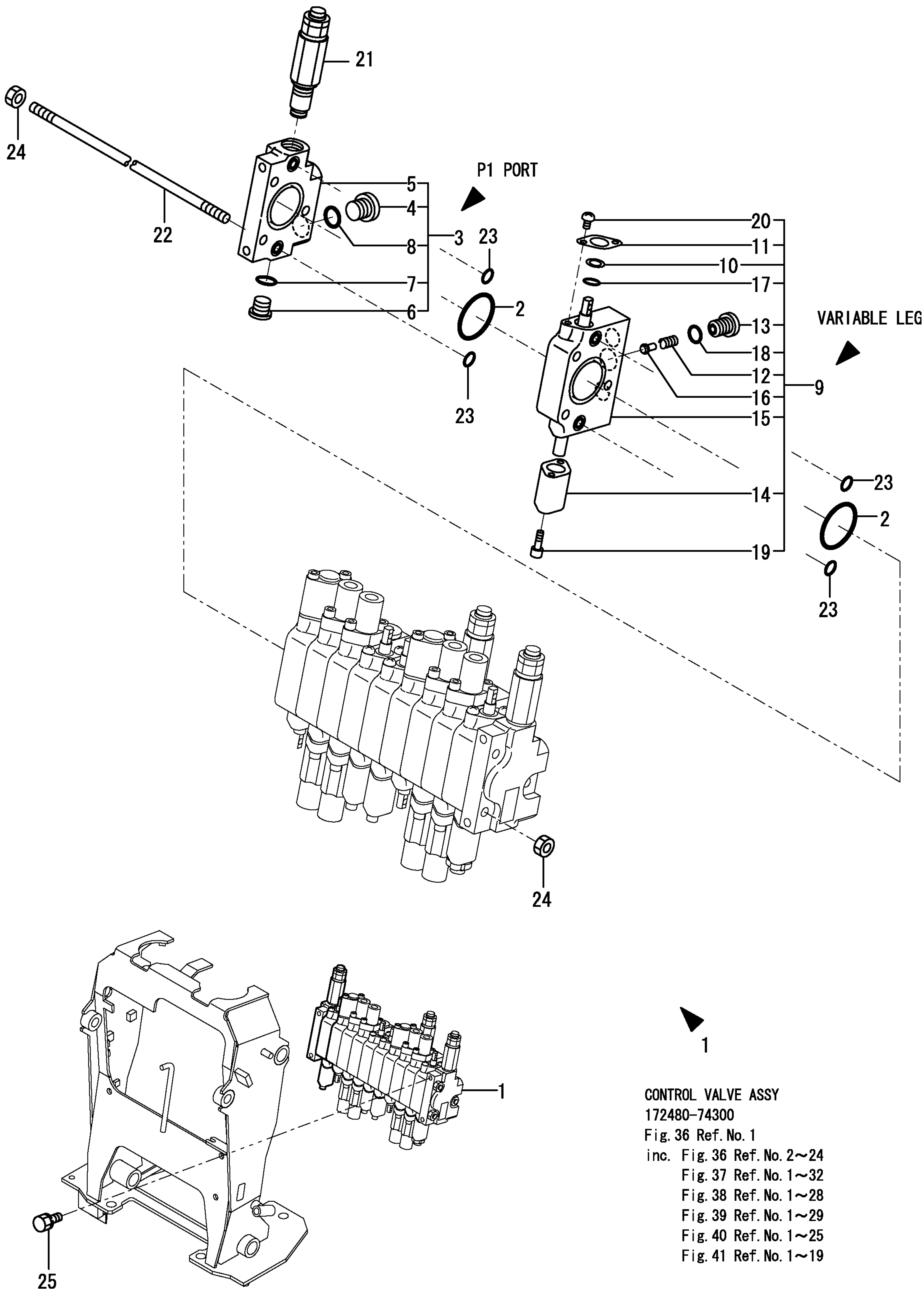
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1,1,,172480-74300,, "CONTROL VALVE ASSY",1,,,,,,,,,,,,,
2,2,,172157-70710,, O-RING,2,,,,,,,,,,,,,
3,2,,172446-74120,, "P1 SECTION ASSY",1,,,,,,,,,,,,,
4,3,,172157-70720,, "PLUG PF3/8",1,,,,,,,,,,,,,
5,3,,172447-74250,, "P1 SECTION",1,,,,,,,,,,,,,
6,3,,172183-74350,, "PLUG PF1/4",1,,,,,,,,,,,,,
7,3,,24315-000110,, "O-RING 1B P-11.0",1,,,,,,,,,,,,,
8,3,,24315-000140,, "O-RING 1B P-14.0",1,,,,,,,,,,,,,
9,2,,172480-74120,, "OPTION SECTION ASSY",1,,,,,,,,,,,,,
10,3,,172157-70630,, "BAC UP RING",1,,,,,,,,,,,,,
11,3,,172157-70640,, "PLATE, O-RING",1,,,,,,,,,,,,,
12,3,,172157-70690,, SPRING,1,,,,,,,,,,,,,
13,3,,172157-70700,, "SEAT, SPRING",1,,,,,,,,,,,,,
14,3,,172157-70820,, "SPRING, RETURN",1,,,,,,,,,,,,,
15,3,,172448-74350,, "SPOOL, OPTIONAL ASSY",1,,,,,,,,,,,,,
16,3,,172137-74520,, "VALVE, CHECK",1,,,,,,,,,,,,,
17,3,,24311-240100,, "O-RING 1A P-10A",1,,,,,,,,,,,,,
18,3,,24315-000110,, "O-RING 1B P-11.0",1,,,,,,,,,,,,,
19,3,,26450-050452,, "BOLT M 5X 45",2,,,,,,,,,,,,,
20,3,,26557-050102,, "SCREW M 5X 10",2,,,,,,,,,,,,,
21,2,,172480-74250,, "MAIN RELIEF VALVE",1,,,,,,,,,,,,,
22,2,,172446-74560,, BOLT,3,,,,,,,,,,,,,
23,2,,24315-000100,, "O-RING 1B P-10.0",4,,,,,,,,,,,,,
24,2,,26716-080002,, "NUT M 8",6,,,,,,,,,,,,,
25,1,,26013-080162,, "BOLT W/WASHER M8X16",3,,,,,,,,,,,,,



CONTROL VALVE ASSY

172480-74300

Fig. 36 Ref. No. 1

inc. Fig. 36 Ref. No. 2~24

Fig. 37 Ref. No. 1~32

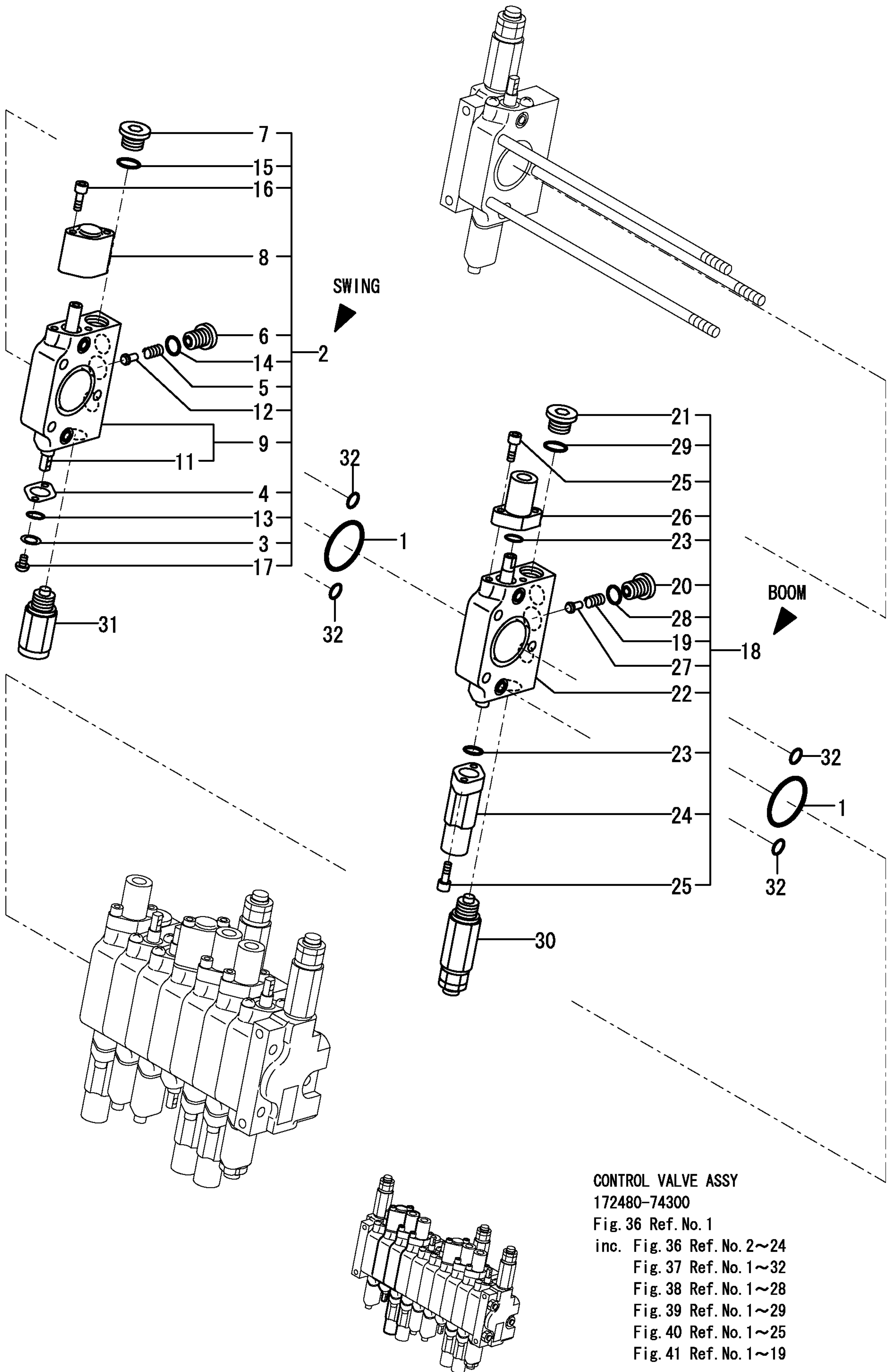
Fig. 38 Ref. No. 1~28

Fig. 39 Ref. No. 1~29

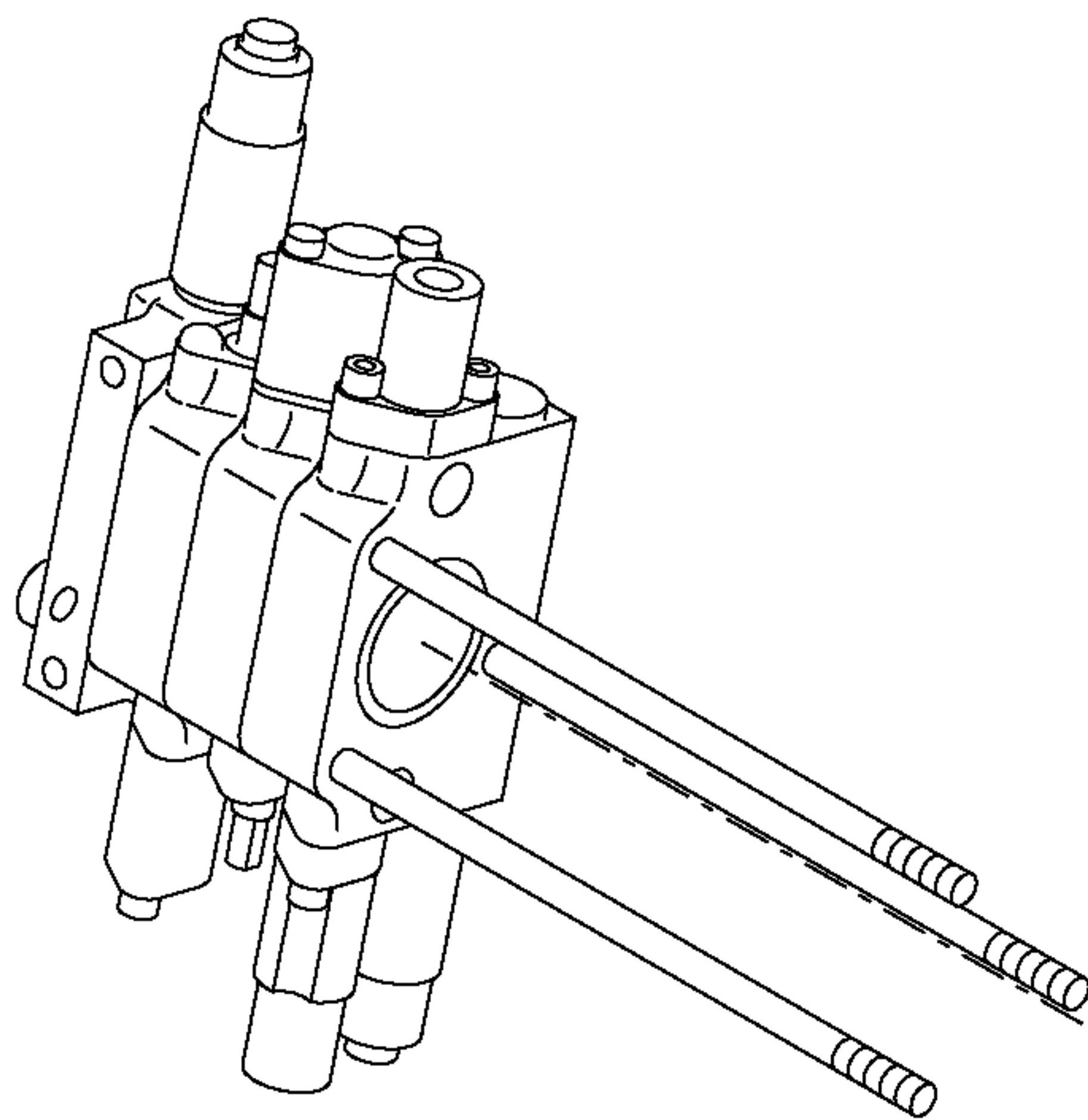
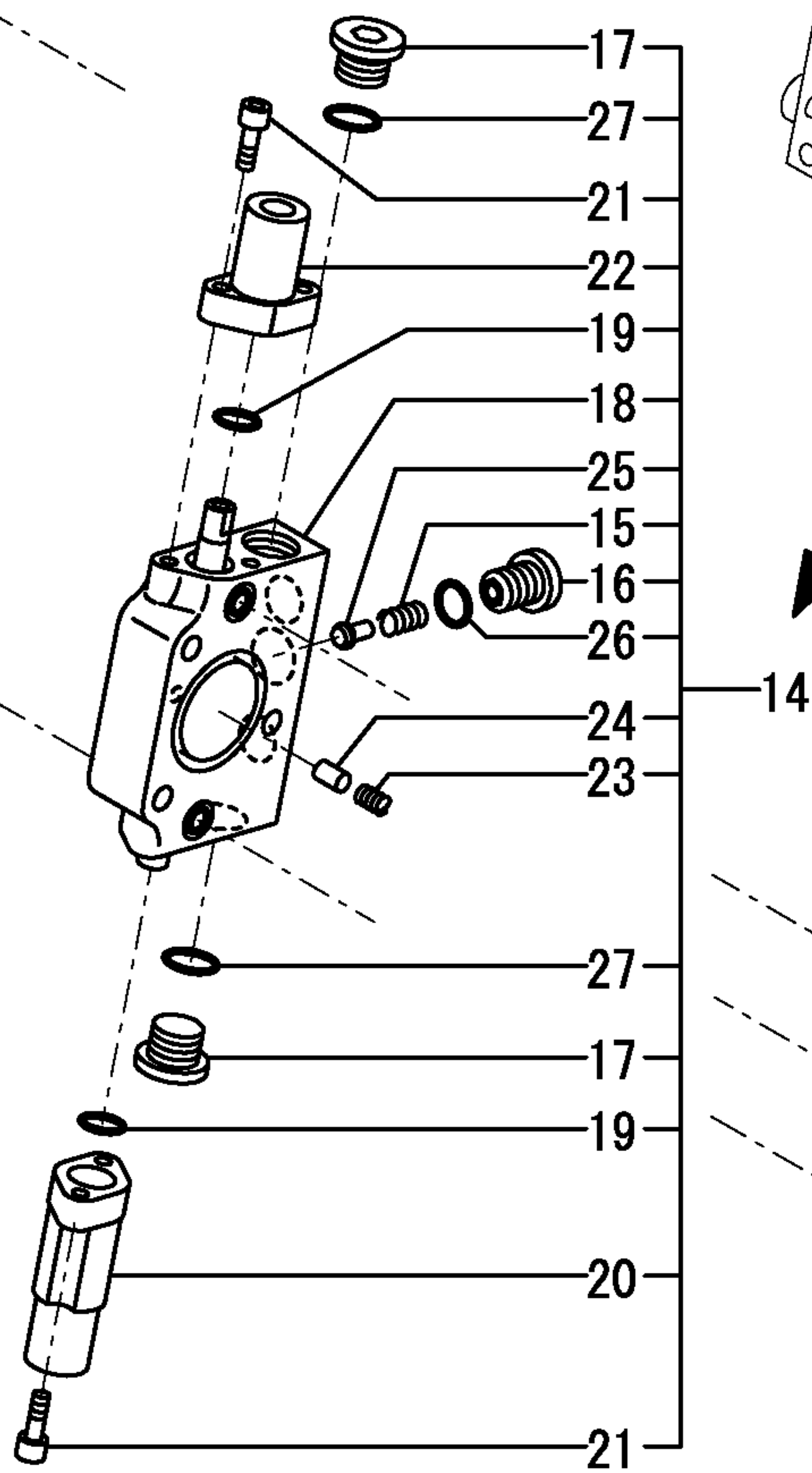
Fig. 40 Ref. No. 1~25

Fig. 41 Ref. No. 1~19

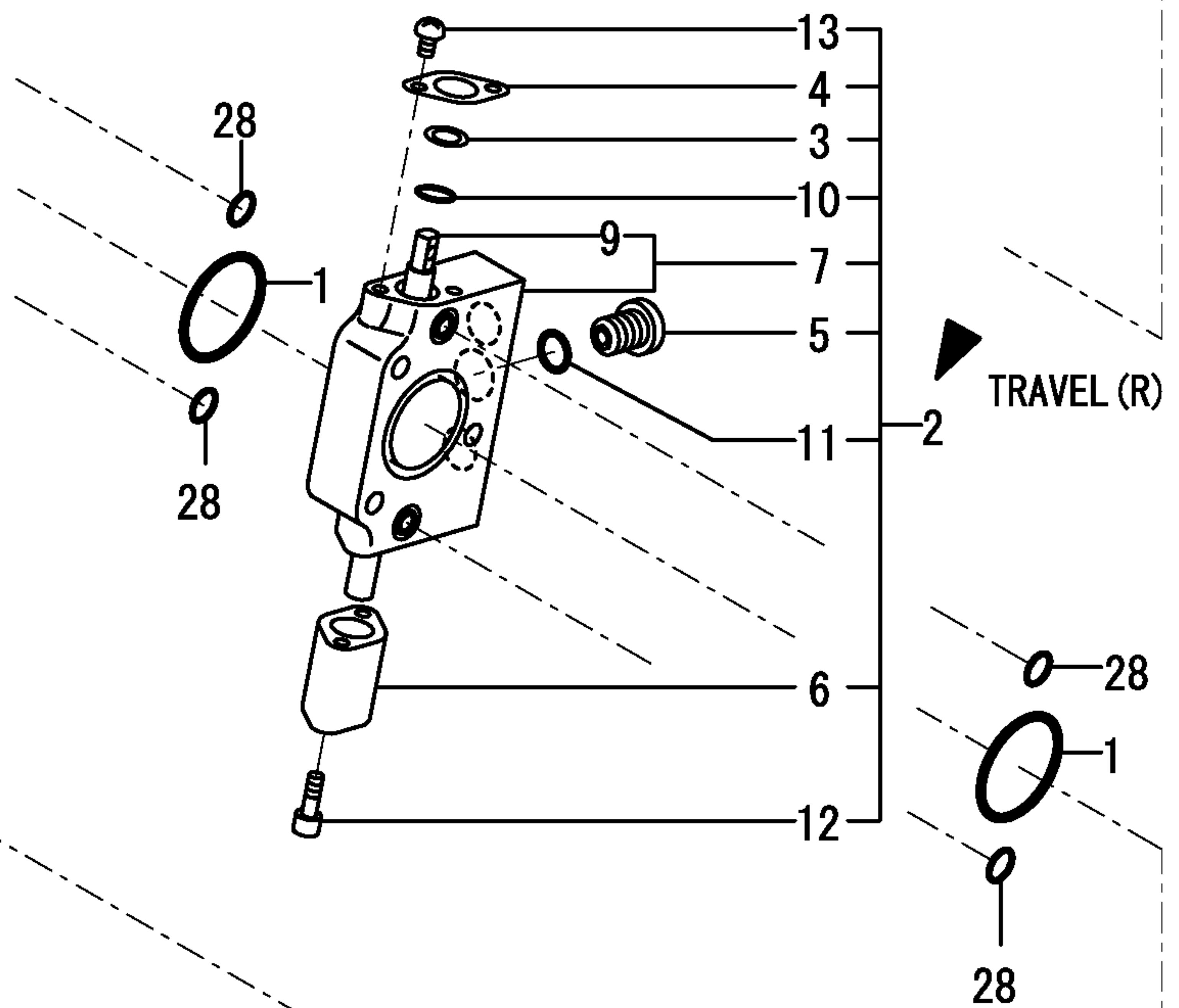
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3,3,,172157-70630,, "BAC UP RING",1,,,,,,,,,,,,,,,,,
4,3,,172157-70640,, "PLATE, O-RING",1,,,,,,,,,,,,,,,,,
5,3,,172157-70690,, SPRING,1,,,,,,,,,,,,,,,,,
6,3,,172157-70700,, "SEAT, SPRING",1,,,,,,,,,,,,,,,,,
7,3,,172157-70720,, "PLUG PF3/8",1,,,,,,,,,,,,,,,,,
8,3,,172157-70820,, "SPRING, RETURN",1,,,,,,,,,,,,,,,,,
9,3,,172446-74410,, "SECTION, SWING ASSY",1,,,,,,,,,,,,,,,,,
11,4,,172446-74260,, "SPOOL ASSY, SWING",1,,,,,,,,,,,,,,,,,
12,3,,172137-74520,, "VALVE, CHECK",1,,,,,,,,,,,,,,,,,
13,3,,24311-240100,, "O-RING 1A P-10A",1,,,,,,,,,,,,,,,,,
14,3,,24315-000110,, "O-RING 1B P-11.0",1,,,,,,,,,,,,,,,,,
15,3,,24315-000140,, "O-RING 1B P-14.0",1,,,,,,,,,,,,,,,,,
16,3,,26450-050452,, "BOLT M 5X 45",2,,,,,,,,,,,,,,,,,
17,3,,26557-050102,, "SCREW M 5X 10",2,,,,,,,,,,,,,,,,,
18,2,,172480-74140,, "BOOM SECTION ASSY",1,,,,,,,,,,,,,,,,,
19,3,,172157-70690,, SPRING,1,,,,,,,,,,,,,,,,,
20,3,,172157-70700,, "SEAT, SPRING",1,,,,,,,,,,,,,,,,,
21,3,,172157-70720,, "PLUG PF3/8",1,,,,,,,,,,,,,,,,,
22,3,,172480-74150,, "SPOOL ASSY",1,,,,,,,,,,,,,,,,,
23,3,,172449-74220,, "O-RING AS A1016",2,,,,,,,,,,,,,,,,,
24,3,,172449-74270,, CAP,1,,,,,,,,,,,,,,,,,
25,3,,172449-74280,, "BOLT, M5 X 20",4,,,,,,,,,,,,,,,,,
26,3,,172449-74290,, "CAP B1",1,,,,,,,,,,,,,,,,,
27,3,,172137-74520,, "VALVE, CHECK",1,,,,,,,,,,,,,,,,,
28,3,,24315-000110,, "O-RING 1B P-11.0",1,,,,,,,,,,,,,,,,,
29,3,,24315-000140,, "O-RING 1B P-14.0",1,,,,,,,,,,,,,,,,,
30,2,,172447-74221,, "PORT RELIFE VALVE",1,,,,,,,,,,,,,,,,,
31,2,,172447-74230,, ANTI-CAVITATION,1,,,,,,,,,,,,,,,,,
32,2,,24315-000100,, "O-RING 1B P-10.0",4,,,,,,,,,,,,,,,,,



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2,2,,172446-74160,, "DRIVE SECTION ASSY",1,,,,,,,,,,,,,
3,3,,172157-70630,, "BAC UP RING",1,,,,,,,,,,,,,
4,3,,172157-70640,, "PLATE, O-RING",1,,,,,,,,,,,,,
5,3,,172157-70700,, "SEAT, SPRING",1,,,,,,,,,,,,,
6,3,,172157-70820,, "SPRING, RETURN",1,,,,,,,,,,,,,
7,3,,172446-74440,, "SECTION ASSY, TRAVEL",1,,,,,,,,,,,,,
9,4,,172446-74320,, "SPOOL ASSY, TRAVEL",1,,,,,,,,,,,,,
10,3,,24311-240100,, "O-RING 1A P-10A",1,,,,,,,,,,,,,
11,3,,24315-000110,, "O-RING 1B P-11.0",1,,,,,,,,,,,,,
12,3,,26450-050452,, "BOLT M 5X 45",2,,,,,,,,,,,,,
13,3,,26557-050102,, "SCREW M 5X 10",2,,,,,,,,,,,,,
14,2,,172480-74160,, "BUCKET SECTION ASSY",1,,,,,,,,,,,,,
15,3,,172157-70690,, SPRING,1,,,,,,,,,,,,,
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17,3,,172157-70720,, "PLUG PF3/8",2,,,,,,,,,,,,,
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20,3,,172449-74270,, CAP,1,,,,,,,,,,,,,
21,3,,172449-74280,, "BOLT, M5 X 20",4,,,,,,,,,,,,,
22,3,,172449-74290,, "CAP B1",1,,,,,,,,,,,,,
23,3,,172447-74300,, "SPRING, CHECK VALVE",1,,,,,,,,,,,,,
24,3,,172447-74310,, "VALVE, CHECK",1,,,,,,,,,,,,,
25,3,,172137-74520,, "VALVE, CHECK",1,,,,,,,,,,,,,
26,3,,24315-000110,, "O-RING 1B P-11.0",1,,,,,,,,,,,,,
27,3,,24315-000140,, "O-RING 1B P-14.0",2,,,,,,,,,,,,,
28,2,,24315-000100,, "O-RING 1B P-10.0",4,,,,,,,,,,,,,



BUCKET



TRAVEL (R)

CONTROL VALVE ASSY

172480-74300

Fig. 36 Ref. No. 1

inc. Fig. 36 Ref. No. 2~24

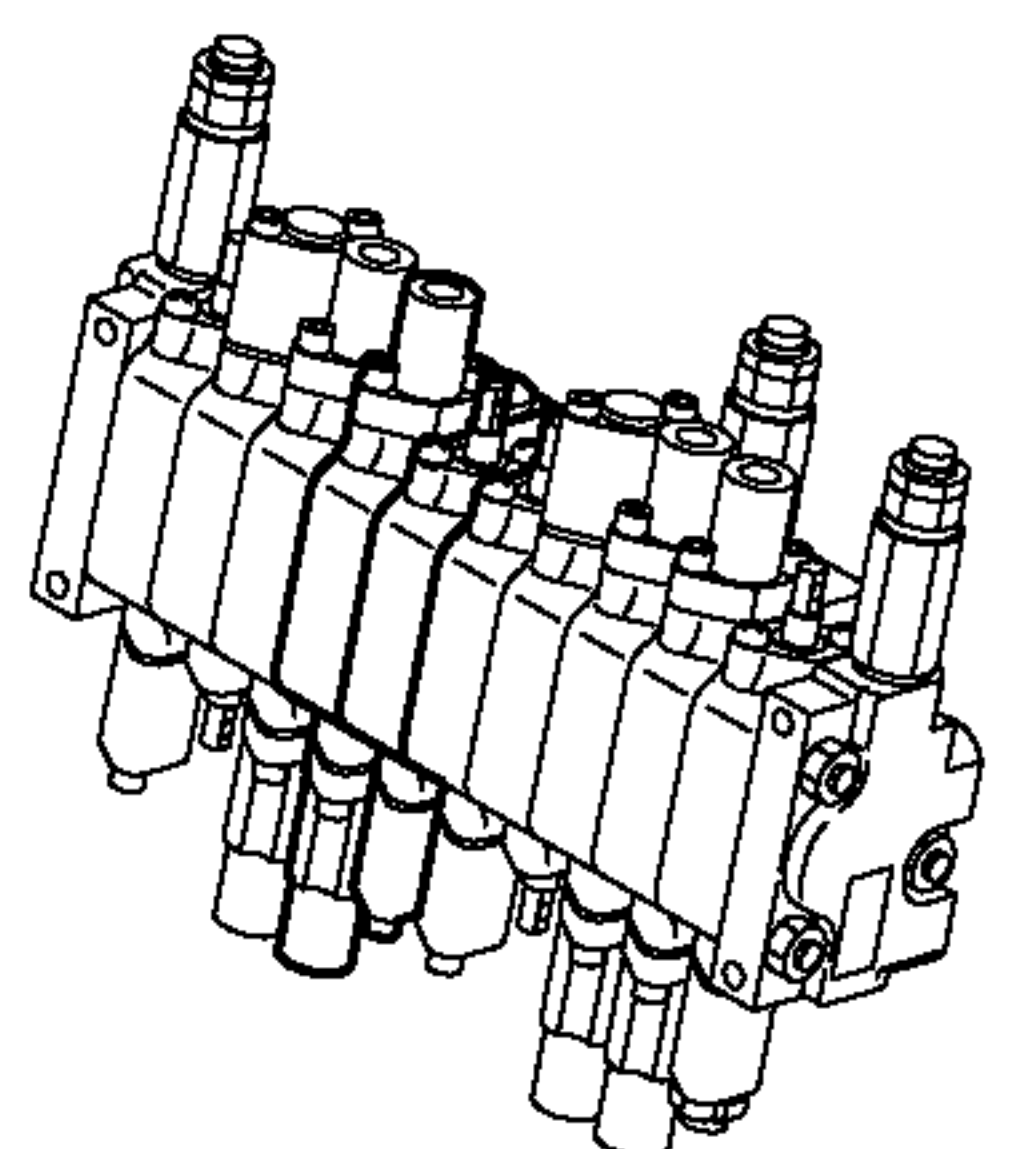
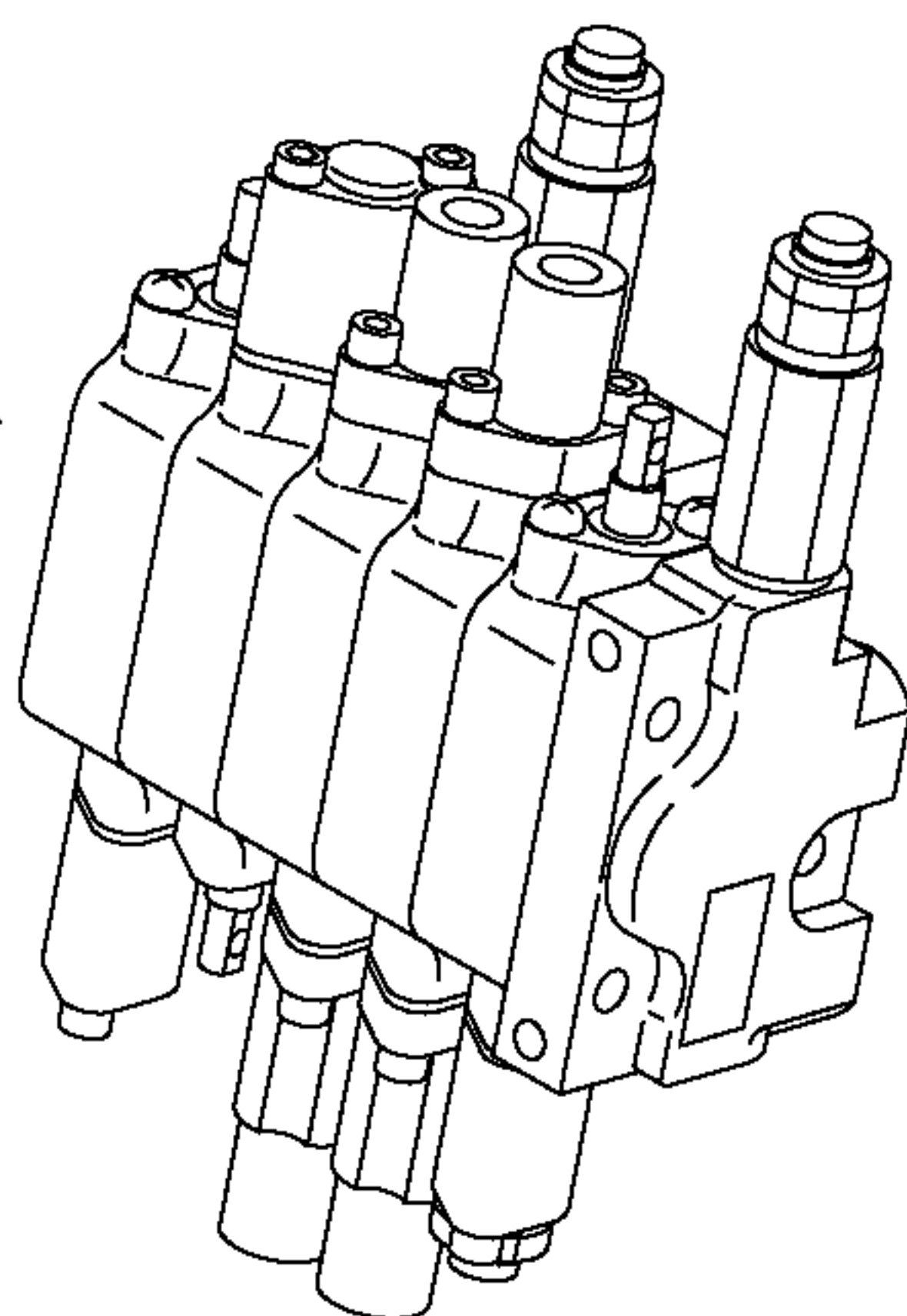
Fig. 37 Ref. No. 1~32

Fig. 38 Ref. No. 1~28

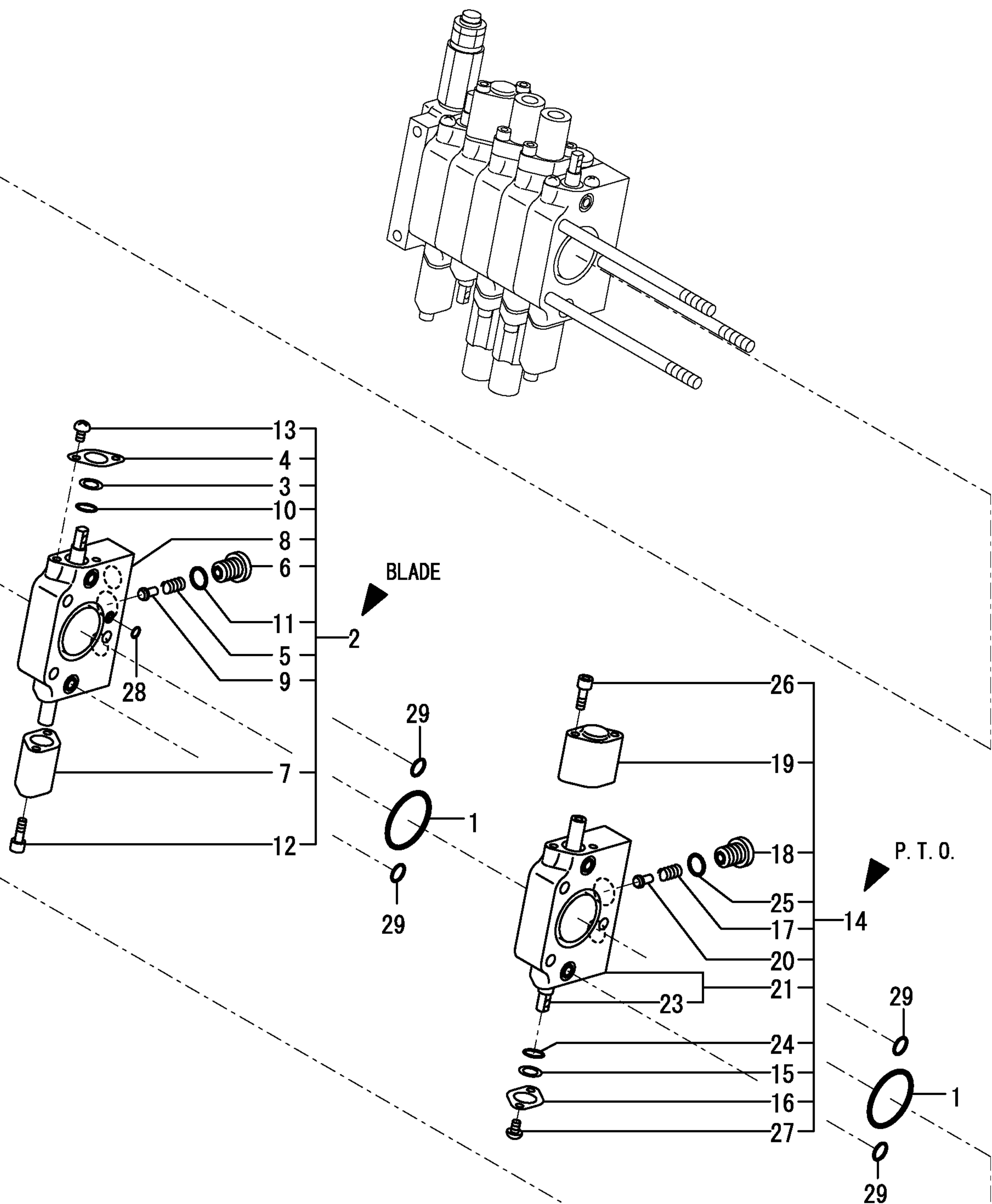
Fig. 39 Ref. No. 1~29

Fig. 40 Ref. No. 1~25

Fig. 41 Ref. No. 1~19



1,2,,172157-70710,,O-RING,2,,,,,,,,,,,,,,,,,
2,2,,172480-74180,, "BLADE SECTION ASSY",1,,,,,,,,,,,,,,,,,
3,3,,172157-70630,, "BAC UP RING",1,,,,,,,,,,,,,,,,,
4,3,,172157-70640,, "PLATE, O-RING",1,,,,,,,,,,,,,,,,,
5,3,,172157-70690,, SPRING,1,,,,,,,,,,,,,,,,,
6,3,,172157-70700,, "SEAT, SPRING",1,,,,,,,,,,,,,,,,,
7,3,,172157-70820,, "SPRING, RETURN",1,,,,,,,,,,,,,,,,,
8,3,,172480-74190,, "SPOOL ASSY",1,,,,,,,,,,,,,,,,,
9,3,,172137-74520,, "VALVE, CHECK",1,,,,,,,,,,,,,,,,,
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12,3,,26450-050452,, "BOLT M 5X 45",2,,,,,,,,,,,,,,,,,
13,3,,26557-050102,, "SCREW M 5X 10",2,,,,,,,,,,,,,,,,,
14,2,,172446-74600,, "PTO SECTION ASSY",1,,,,,,,,,,,,,,,,,
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16,3,,172157-70640,, "PLATE, O-RING",1,,,,,,,,,,,,,,,,,
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18,3,,172157-70700,, "SEAT, SPRING",1,,,,,,,,,,,,,,,,,
19,3,,172157-70820,, "SPRING, RETURN",1,,,,,,,,,,,,,,,,,
20,3,,172137-74520,, "VALVE, CHECK",1,,,,,,,,,,,,,,,,,
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23,4,,172446-74620,, "SPOOL ASSY,PTO",1,,,,,,,,,,,,,,,,,
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25,3,,24315-000110,, "O-RING 1B P-11.0",1,,,,,,,,,,,,,,,,,
26,3,,26450-050452,, "BOLT M 5X 45",2,,,,,,,,,,,,,,,,,
27,3,,26557-050102,, "SCREW M 5X 10",2,,,,,,,,,,,,,,,,,
28,2,,24315-000040,, "O-RING 1A-P4",1,,,,,,,,,,,,,,,,,
29,2,,24315-000100,, "O-RING 1B P-10.0",4,,,,,,,,,,,,,,,,,



CONTROL VALVE ASSY

172480-74300

Fig. 36 Ref. No. 1

inc. Fig. 36 Ref. No. 2~24

Fig. 37 Ref. No. 1~32

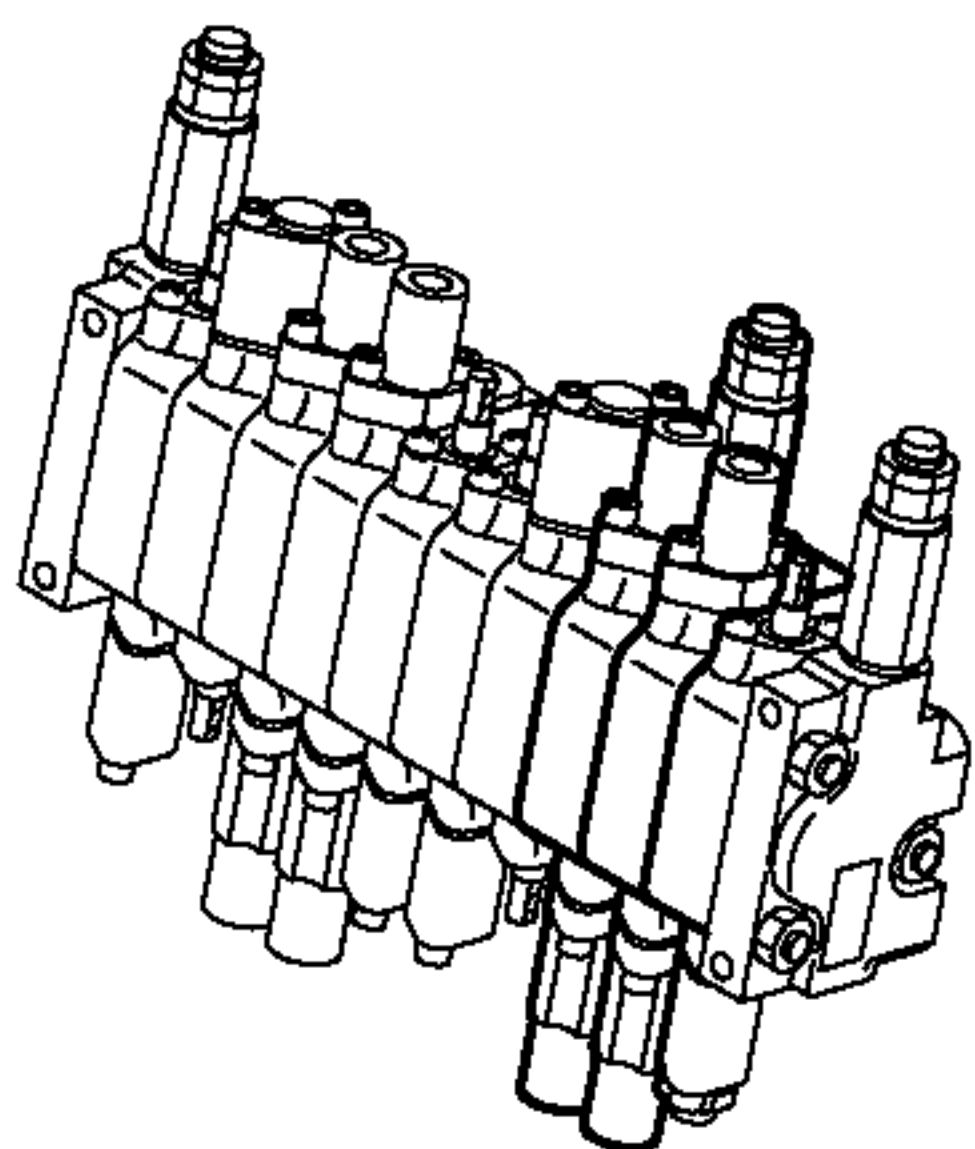
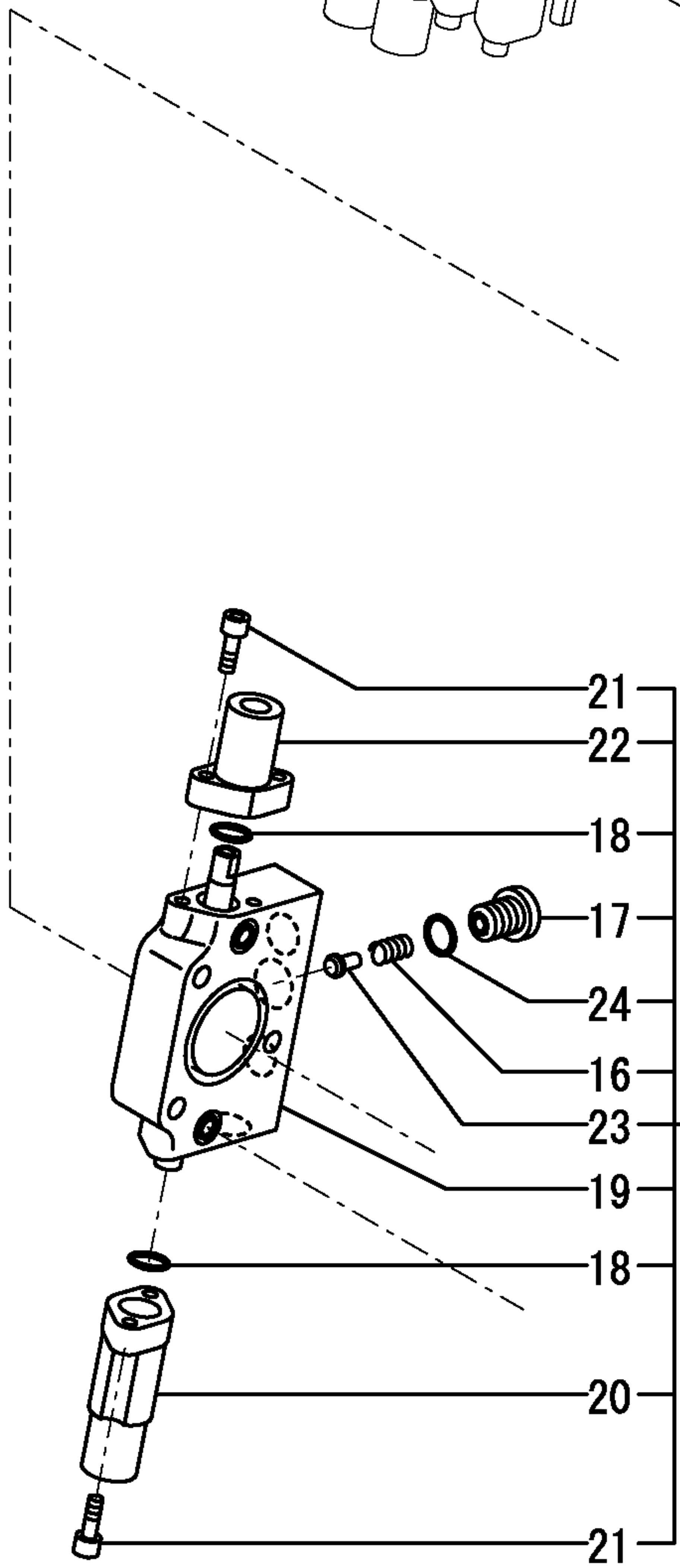
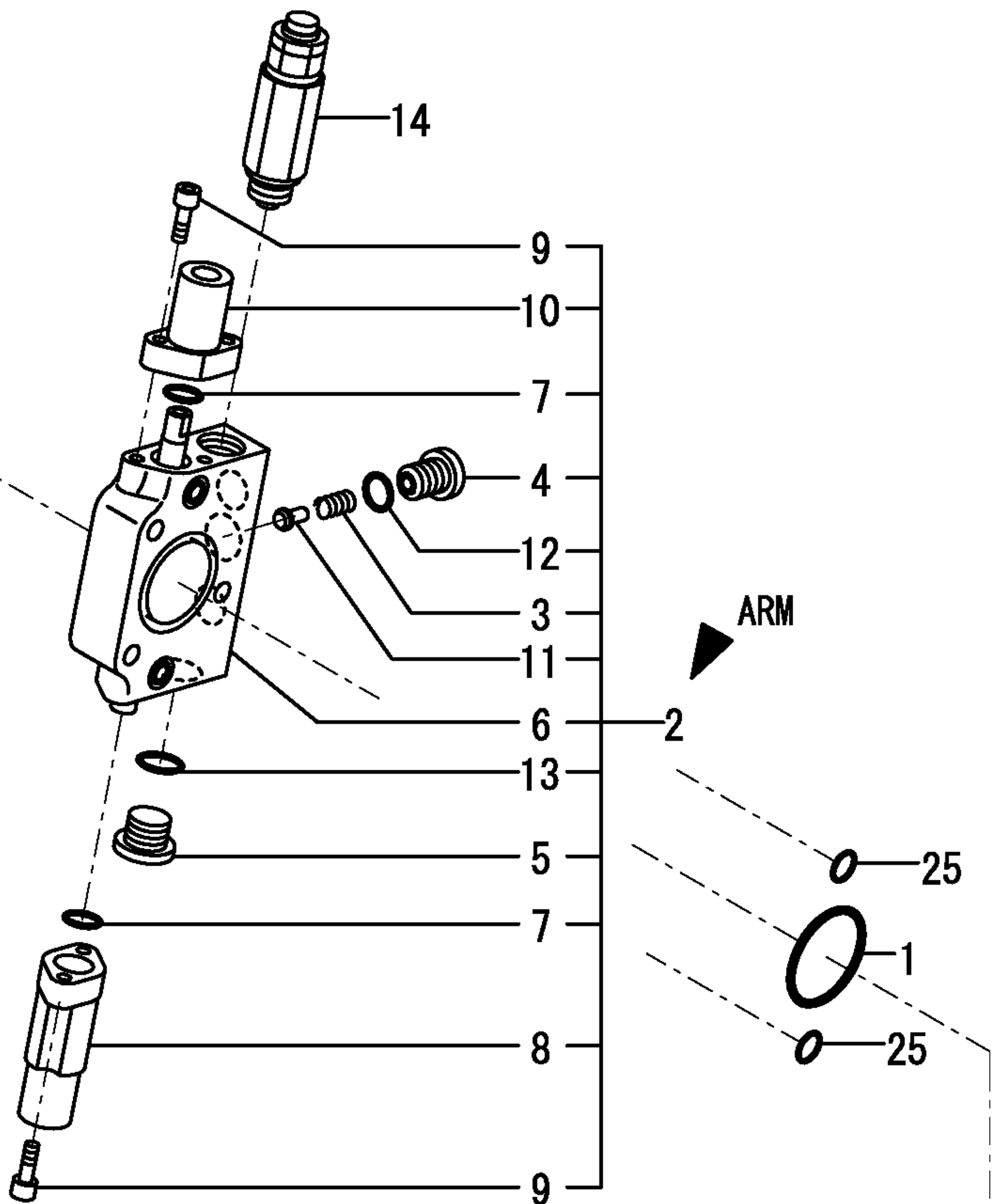
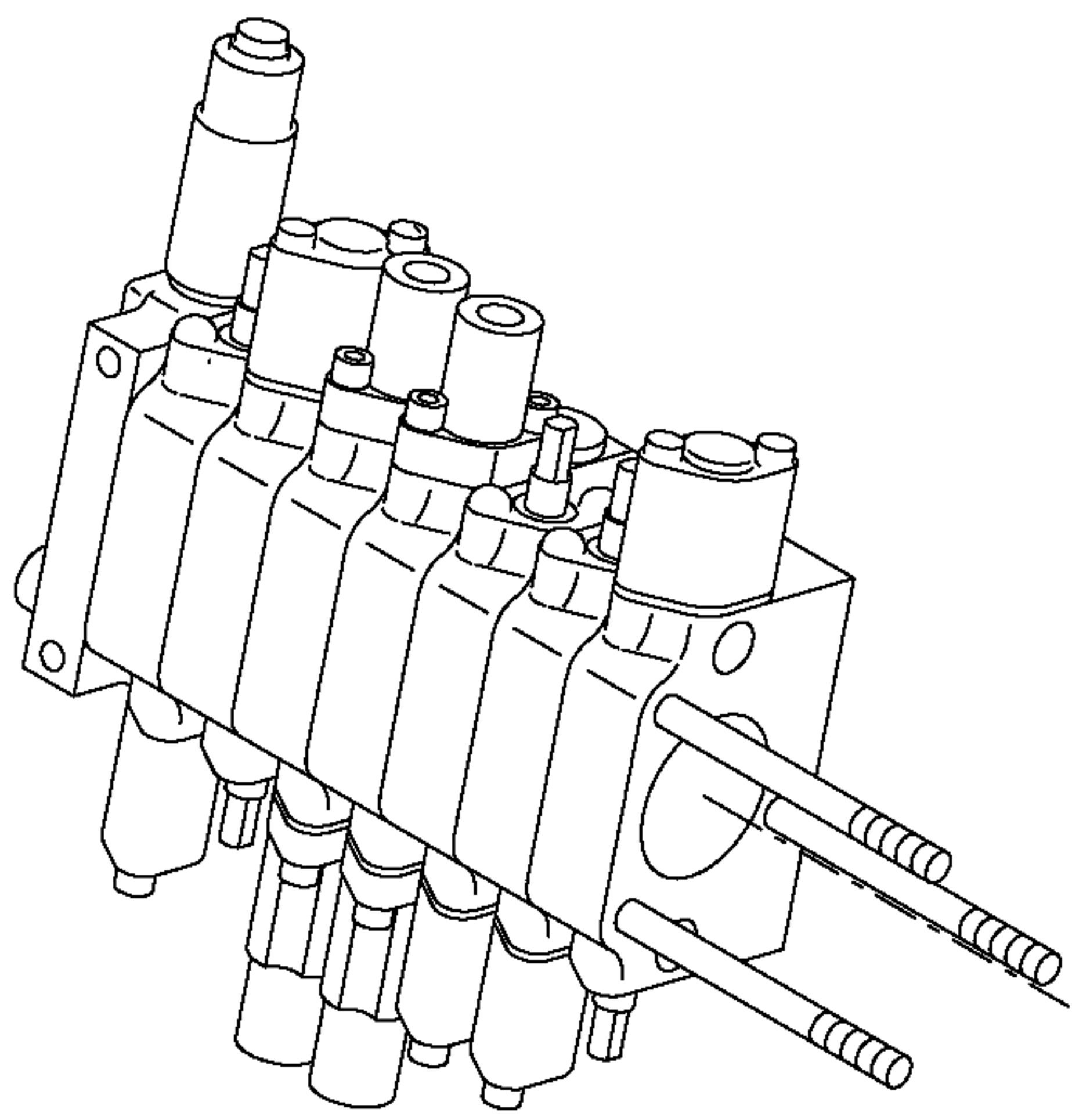
Fig. 38 Ref. No. 1~28

Fig. 39 Ref. No. 1~29

Fig. 40 Ref. No. 1~25

Fig. 41 Ref. No. 1~19

1,2,,172157-70710,,O-RING,2,,,,,,,,,,,,,,,,,,,,,
2,2,,172480-74200,, "ARM SECTION ASSY",1,,,,,,,,,,,,,,,,,,,,,
3,3,,172157-70690,, SPRING,1,,,,,,,,,,,,,,,,,,,,,
4,3,,172157-70700,, "SEAT, SPRING",1,,,,,,,,,,,,,,,,,,,,,
5,3,,172157-70720,, "PLUG PF3/8",1,,,,,,,,,,,,,,,,,,,,,
6,3,,172480-74210,, "SPOOL ASSY",1,,,,,,,,,,,,,,,,,,,,,
7,3,,172449-74220,, "O-RING AS A1016",2,,,,,,,,,,,,,,,,,,,,,
8,3,,172449-74270,, CAP,1,,,,,,,,,,,,,,,,,,,,,
9,3,,172449-74280,, "BOLT, M5 X 20",4,,,,,,,,,,,,,,,,,,,,,
10,3,,172449-74290,, "CAP B1",1,,,,,,,,,,,,,,,,,,,,,
11,3,,172137-74520,, "VALVE, CHECK",1,,,,,,,,,,,,,,,,,,,,,
12,3,,24315-000110,, "O-RING 1B P-11.0",1,,,,,,,,,,,,,,,,,,,,,
13,3,,24315-000140,, "O-RING 1B P-14.0",1,,,,,,,,,,,,,,,,,,,,,
14,2,,172447-74221,, "PORT RELIFE VALVE",1,,,,,,,,,,,,,,,,,,,,,
15,2,,172480-74220,, "TURNING SECTION ASSY",1,,,,,,,,,,,,,,,,,,,,,
16,3,,172157-70690,, SPRING,1,,,,,,,,,,,,,,,,,,,,,
17,3,,172157-70700,, "SEAT, SPRING",1,,,,,,,,,,,,,,,,,,,,,
18,3,,172449-74220,, "O-RING AS A1016",2,,,,,,,,,,,,,,,,,,,,,
19,3,,172480-74230,, "SPOOL ASSY",1,,,,,,,,,,,,,,,,,,,,,
20,3,,172449-74270,, CAP,1,,,,,,,,,,,,,,,,,,,,,
21,3,,172449-74280,, "BOLT, M5 X 20",4,,,,,,,,,,,,,,,,,,,,,
22,3,,172449-74290,, "CAP B1",1,,,,,,,,,,,,,,,,,,,,,
23,3,,172137-74520,, "VALVE, CHECK",1,,,,,,,,,,,,,,,,,,,,,
24,3,,24315-000110,, "O-RING 1B P-11.0",1,,,,,,,,,,,,,,,,,,,,,
25,2,,24315-000100,, "O-RING 1B P-10.0",4,,,,,,,,,,,,,,,,,,,,,



CONTROL VALVE ASSY

172480-74300

Fig. 36 Ref. No. 1

inc. Fig. 36 Ref. No. 2~24

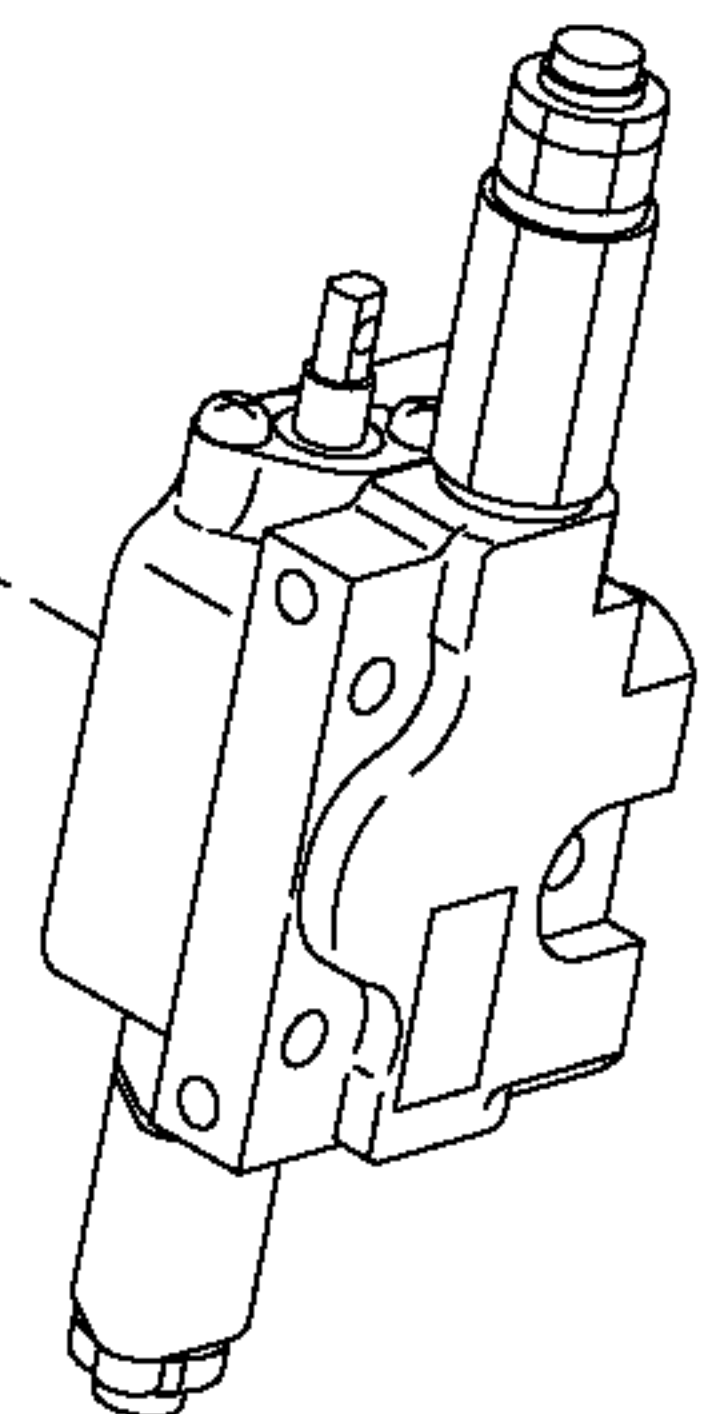
Fig. 37 Ref. No. 1~32

Fig. 38 Ref. No. 1~28

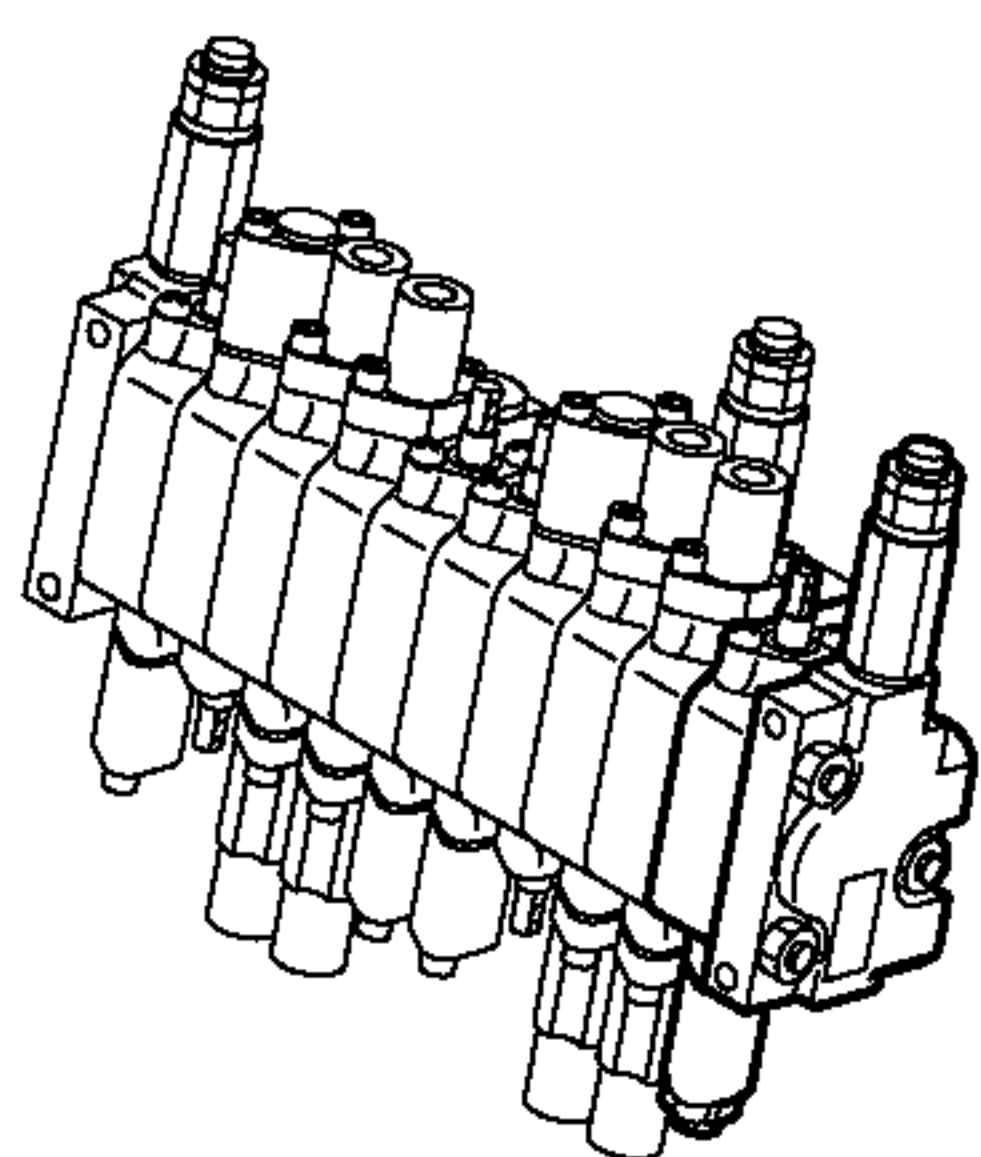
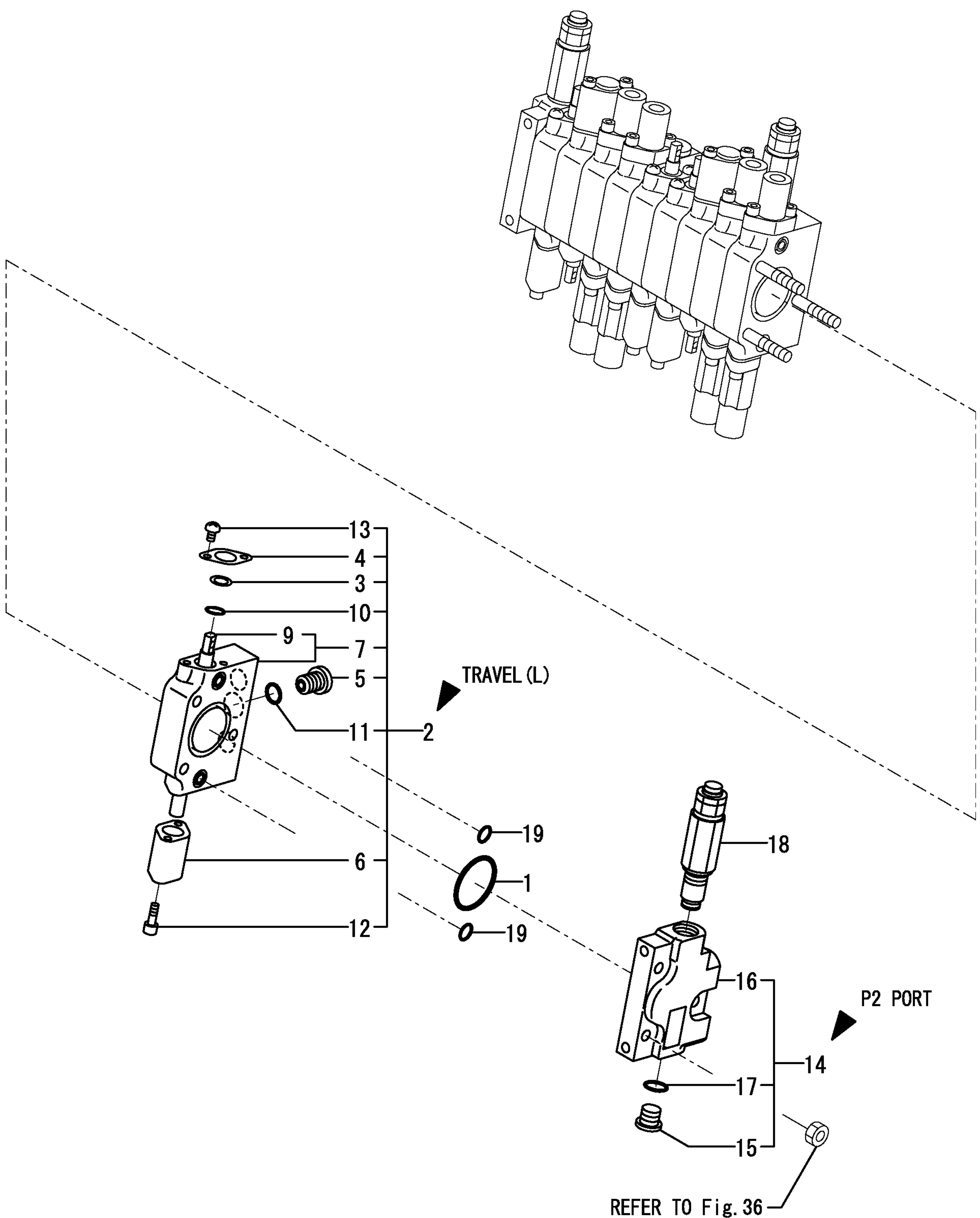
Fig. 39 Ref. No. 1~29

Fig. 40 Ref. No. 1~25

Fig. 41 Ref. No. 1~19



1,2,,172157-70710,,O-RING,1,,,,,,,,,,,,,,,,,
2,2,,172446-74160,, "DRIVE SECTION ASSY",1,,,,,,,,,,,,,,,,,
3,3,,172157-70630,, "BAC UP RING",1,,,,,,,,,,,,,,,,,
4,3,,172157-70640,, "PLATE, O-RING",1,,,,,,,,,,,,,,,,,
5,3,,172157-70700,, "SEAT, SPRING",1,,,,,,,,,,,,,,,,,
6,3,,172157-70820,, "SPRING, RETURN",1,,,,,,,,,,,,,,,,,
7,3,,172446-74440,, "SECTION ASSY, TRAVEL",1,,,,,,,,,,,,,,,,,
9,4,,172446-74320,, "SPOOL ASSY, TRAVEL",1,,,,,,,,,,,,,,,,,
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11,3,,24315-000110,, "O-RING 1B P-11.0",1,,,,,,,,,,,,,,,,,
12,3,,26450-050452,, "BOLT M 5X 45",2,,,,,,,,,,,,,,,,,
13,3,,26557-050102,, "SCREW M 5X 10",2,,,,,,,,,,,,,,,,,
14,2,,172447-74200,, "P2 SECTION",1,,,,,,,,,,,,,,,,,
15,3,,172183-74350,, "PLUG PF1/4",1,,,,,,,,,,,,,,,,,
16,3,,172447-74380,, "P2 SECTION",1,,,,,,,,,,,,,,,,,
17,3,,24315-000110,, "O-RING 1B P-11.0",1,,,,,,,,,,,,,,,,,
18,2,,172480-74250,, "MAIN RELIEF VALVE",1,,,,,,,,,,,,,,,,,
19,2,,24315-000100,, "O-RING 1B P-10.0",2,,,,,,,,,,,,,,,,,



CONTROL VALVE ASSY

172480-74300

Fig. 36 Ref. No. 1

inc. Fig. 36 Ref. No. 2~24

Fig. 37 Ref. No. 1~32

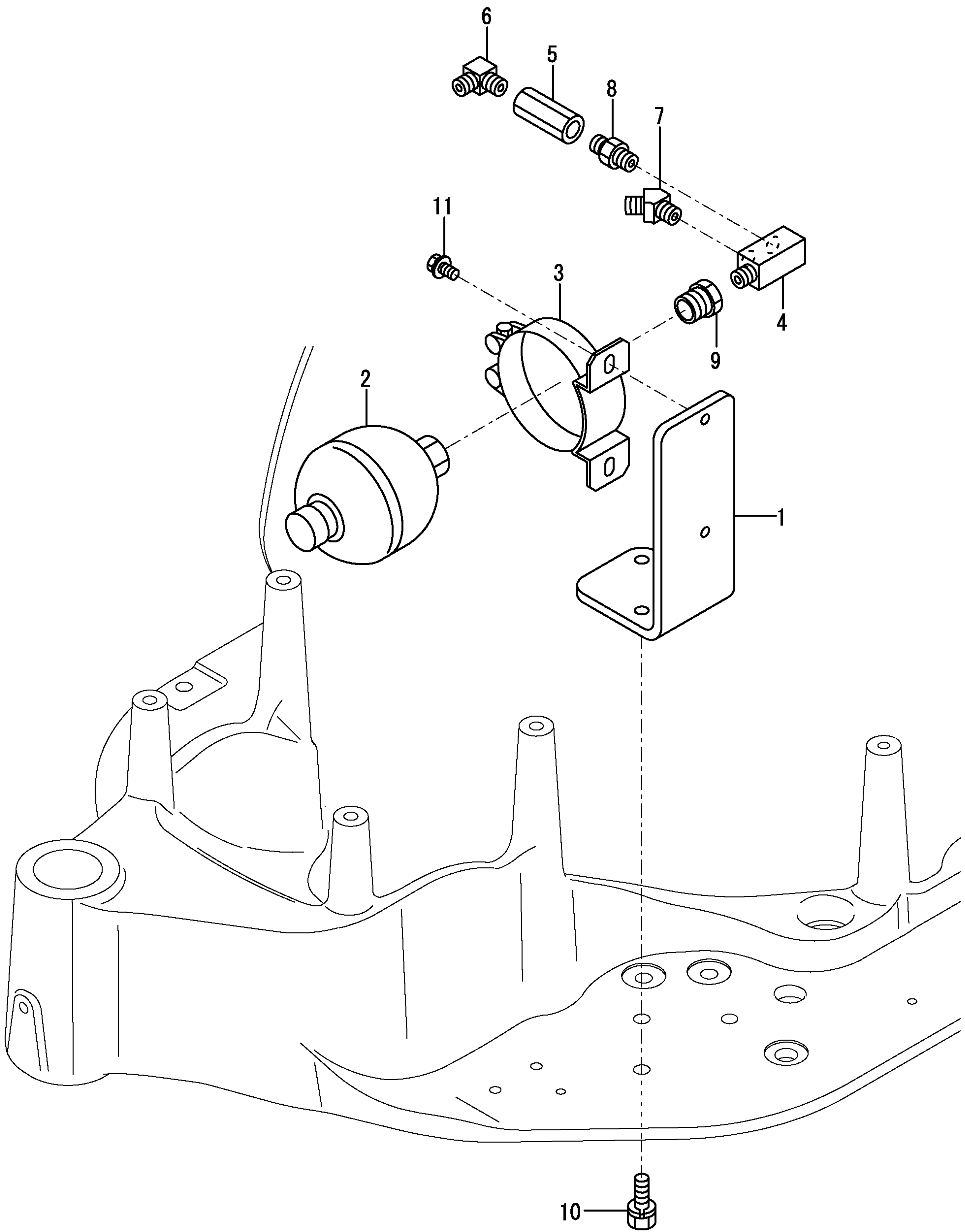
Fig. 38 Ref. No. 1~28

Fig. 39 Ref. No. 1~29

Fig. 40 Ref. No. 1~25

Fig. 41 Ref. No. 1~19

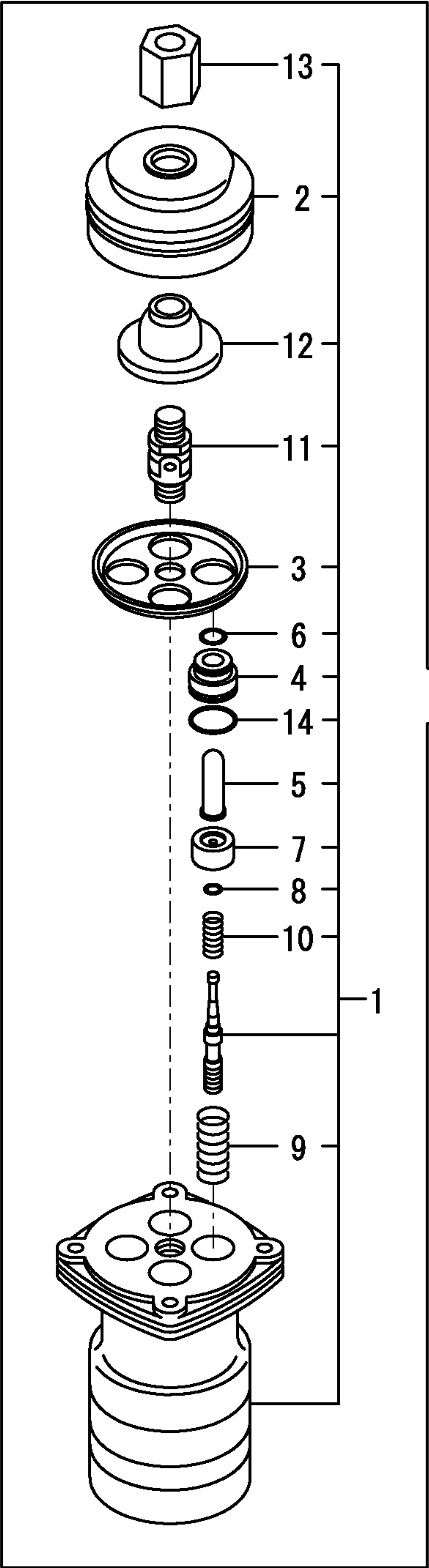
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3,1,,172478-73630,, CLAMP,1,,,,,,,,,,,,,
4,1,,172181-76100,, "CONNECTOR 3-PT1/4",1,,,,,,,,,,,,,
5,1,,172156-76290,, "VALVE, CHECK PT1/4",1,,,,,,,,,,,,,
6,1,,23393-020000,, "JOINT 90RGI1/4",1,,,,,,,,,,,,,
7,1,,23394-020000,, "JOINT 45RGI1/4",1,,,,,,,,,,,,,
8,1,,23395-020000,, "JOINT RRN1/4",1,,,,,,,,,,,,,
9,1,,23396-040200,, "JOINT RRB1/2X1",1,,,,,,,,,,,,,
10,1,,26013-100252,, "BOLT W/WASHER M10X25",2,,,,,,,,,,,,,
11,1,,26014-080162,, "BOLT M 8X 16",2,,,,,,,,,,,,,



1,1,,172448-74701,, "VALVE ASSY, REM-CON.",2,,,,,,,,,,,,,
2,2,,172455-74710,, BELLOWS,2,,,,,,,,,,,,,
3,2,,172448-74760,, PLATE,2,,,,,,,,,,,,,
4,2,,172448-74770,, PLUG,8,,,,,,,,,,,,,
5,2,,172448-74780,, "ROD Q,PUSH",8,,,,,,,,,,,,,
6,2,,172448-74790,, SEAL,8,,,,,,,,,,,,,
7,2,,172448-74910,, "SEAT, SPRING",8,,,,,,,,,,,,,
8,2,,172448-74920,, WASHER,8,,,,,,,,,,,,,
9,2,,172448-74930,, SPRING,8,,,,,,,,,,,,,
10,2,,172448-74940,, SPRING,8,,,,,,,,,,,,,
11,2,,172448-74950,, "JOINT ASSY",2,,,,,,,,,,,,,
12,2,,172448-74960,, "PLATE, CIRCLE",2,,,,,,,,,,,,,
13,2,,172448-74970,, "NUT, ADJUST",2,,,,,,,,,,,,,
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∴PREVIOUS
~M/#20847

New parts are refer to Fig. 66.



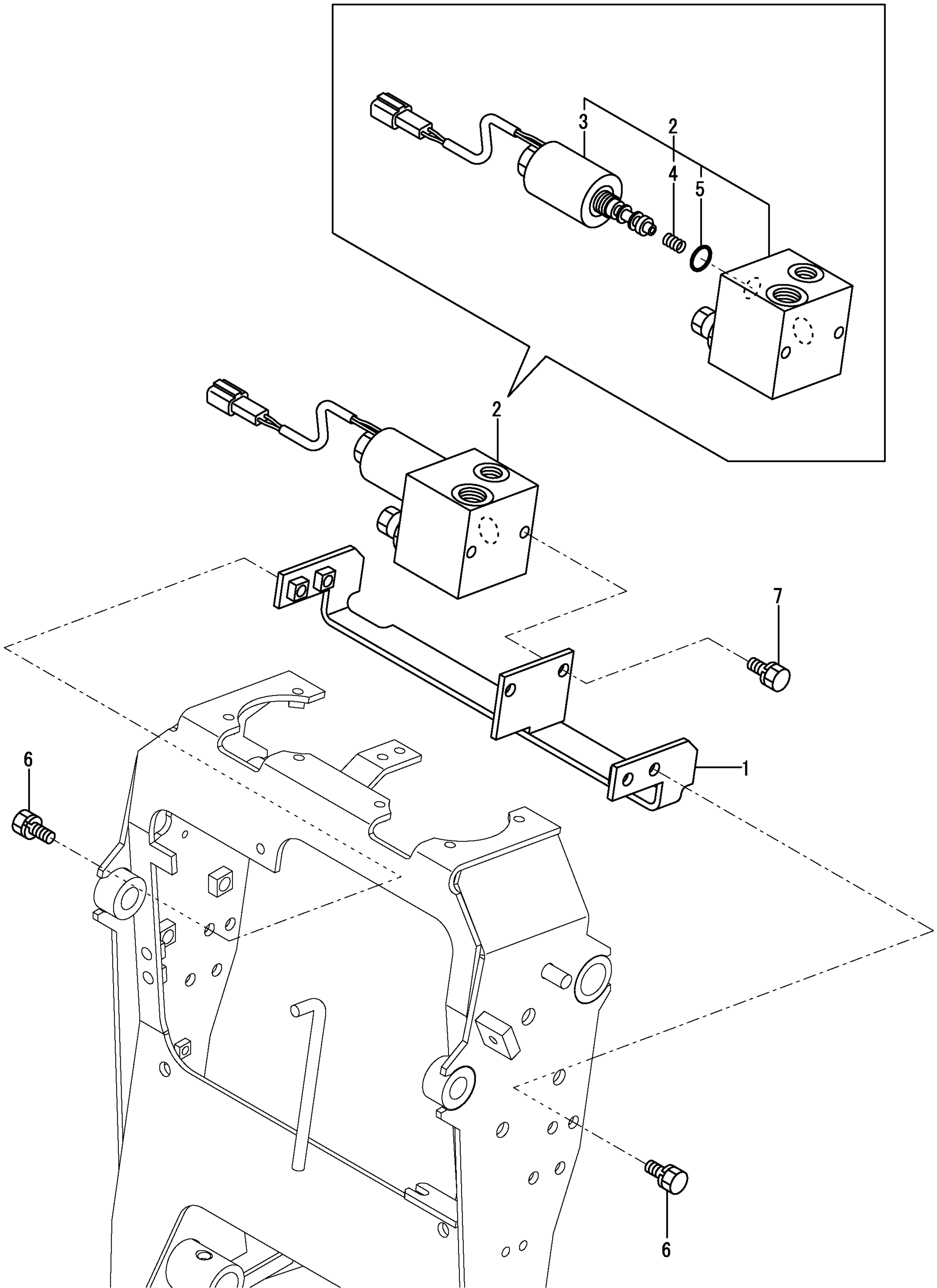
REFER TO Fig. 17

REFER TO Fig. 17

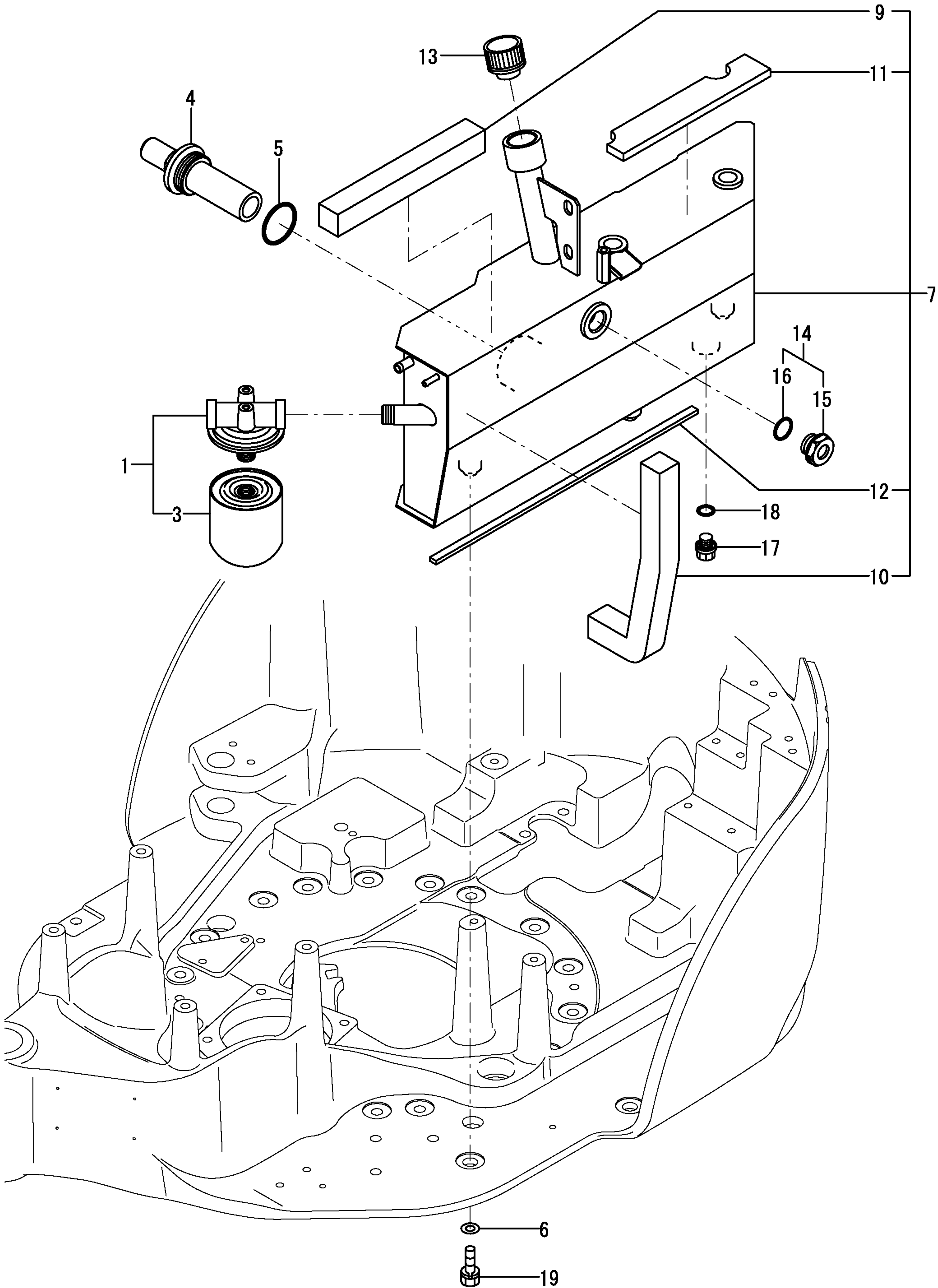
REFER TO Fig. 17

REFER TO Fig. 17

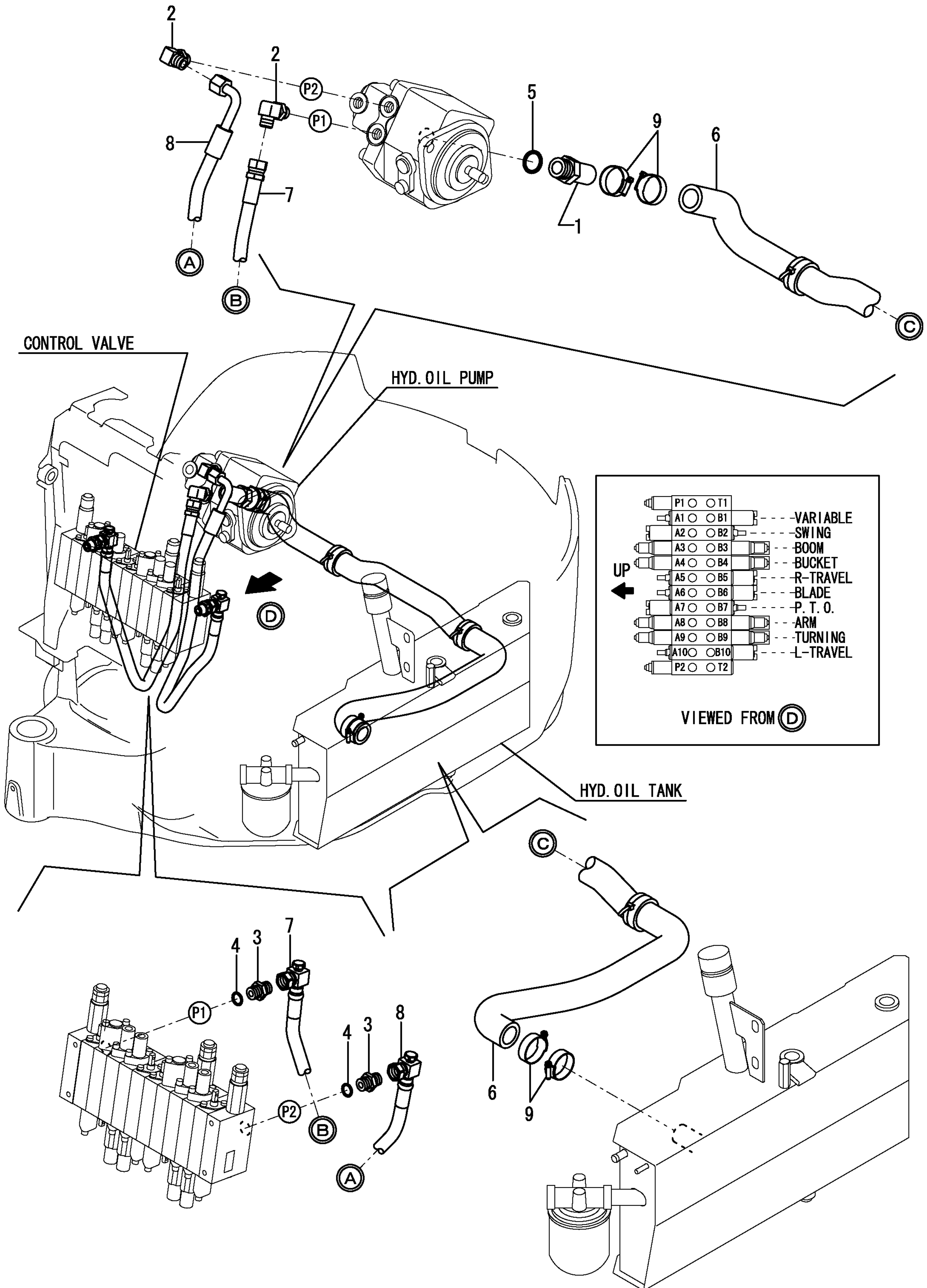
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3,2,,172449-74710,, "SOLENOID SW36CU151",1,,,,,,,,,,,,,,,,,
4,2,,172449-74720,, SPRING,1,,,,,,,,,,,,,,,,,
5,2,,24315-000140,, "O-RING 1B P-14.0",1,,,,,,,,,,,,,,,,,
6,1,,26013-080162,, "BOLT W/WASHER M8X16",4,,,,,,,,,,,,,,,,,
7,1,,26013-080162,, "BOLT W/WASHER M8X16",2,,,,,,,,,,,,,,,,,



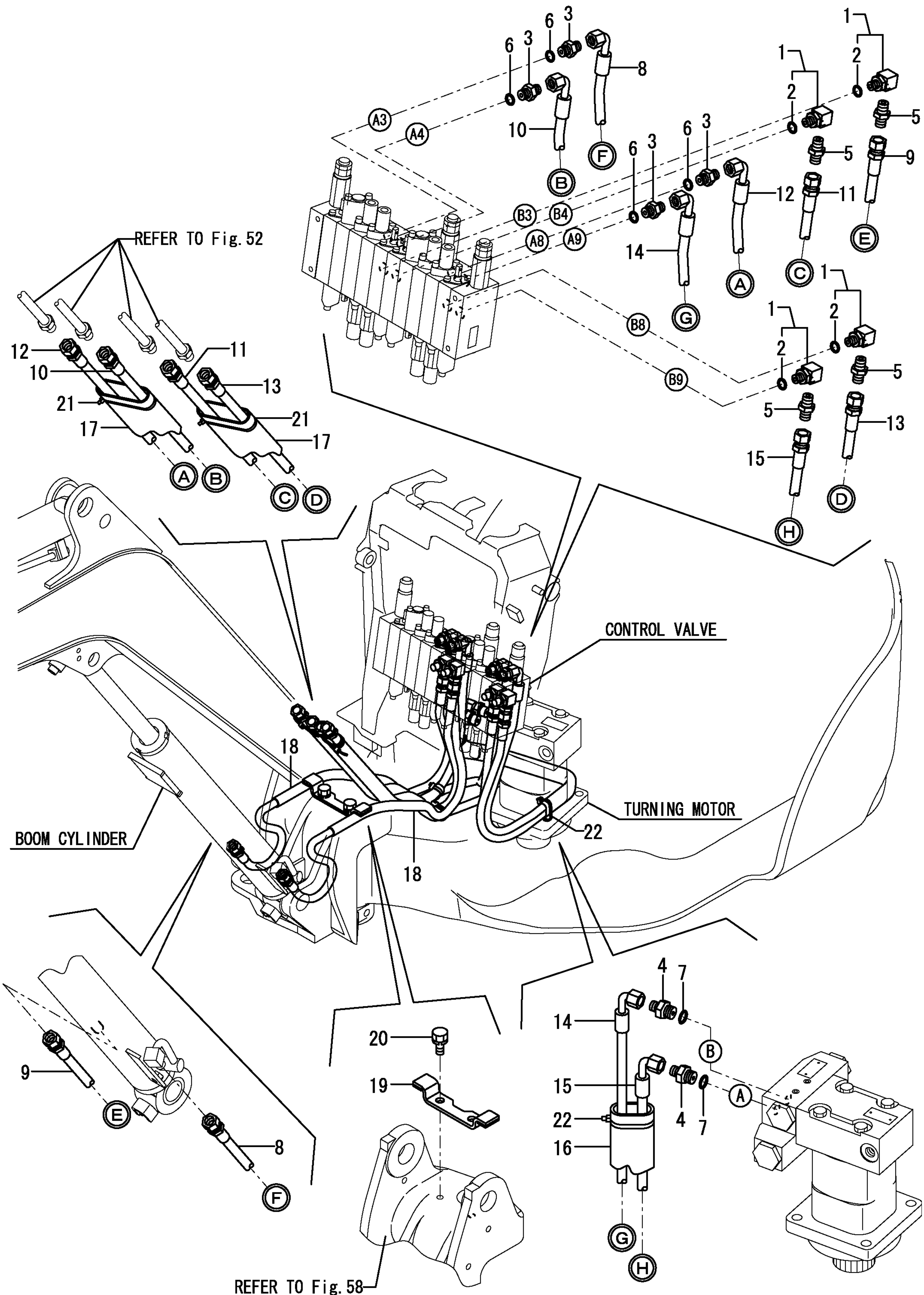
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10,2,,172480-75260,, "SEAL-B, REDERVER",1,,,,,,,,,,,,,
11,2,,172480-75270,, "SEAL-C, RESERVER",1,,,,,,,,,,,,,
12,2,,172480-75280,, "SEAL-D, RESERVER",1,,,,,,,,,,,,,
13,1,,172446-75250,, CAP,1,,,,,,,,,,,,,
14,1,,172480-75350,, "GAUGE ASSY, RESERVOIR",1,,,,,,,,,,,,,
15,2,,172480-75360,, "GAUGE, RESERVER",1,,,,,,,,,,,,,
16,2,,24311-350220,, "O-RING 1A P-22A",1,,,,,,,,,,,,,
17,1,,23491-140002,, "PLUG 14",1,,,,,,,,,,,,,
18,1,,24311-000160,, "O-RING 1A P-16.0",1,,,,,,,,,,,,,
19,1,,26013-100202,, "BOLT W/WASHER M10X20",3,,,,,,,,,,,,,



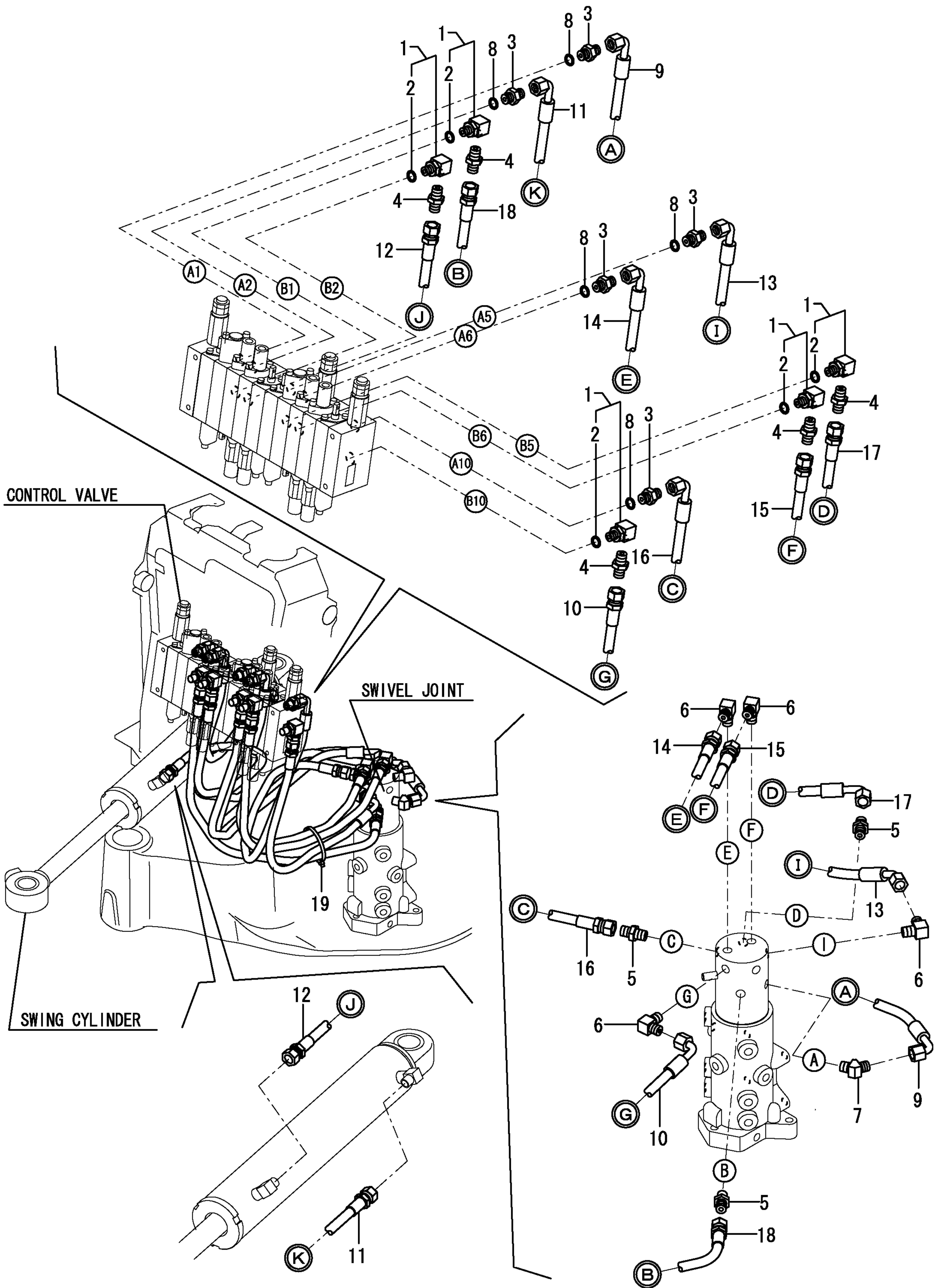
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3,1,,172186-76410,, "ADAPTER, MALE/MALE",2,,,,,,,,,,,,,
4,1,,24315-000140,, "O-RING 1B P-14.0",2,,,,,,,,,,,,,
5,1,,24315-000240,, "O-RING 1B P-24.0",1,,,,,,,,,,,,,
6,1,,172480-78100,, "SUCTION ASSY",1,,,,,,,,,,,,,
7,1,,172480-78150,, "HOSE H206BZ080K",1,,,,,,,,,,,,,
8,1,,172480-78160,, "HOSE H206CZ092K",1,,,,,,,,,,,,,
9,1,,23001-041000,, "CLIP 41,HOSE",4,,,,,,,,,,,,,



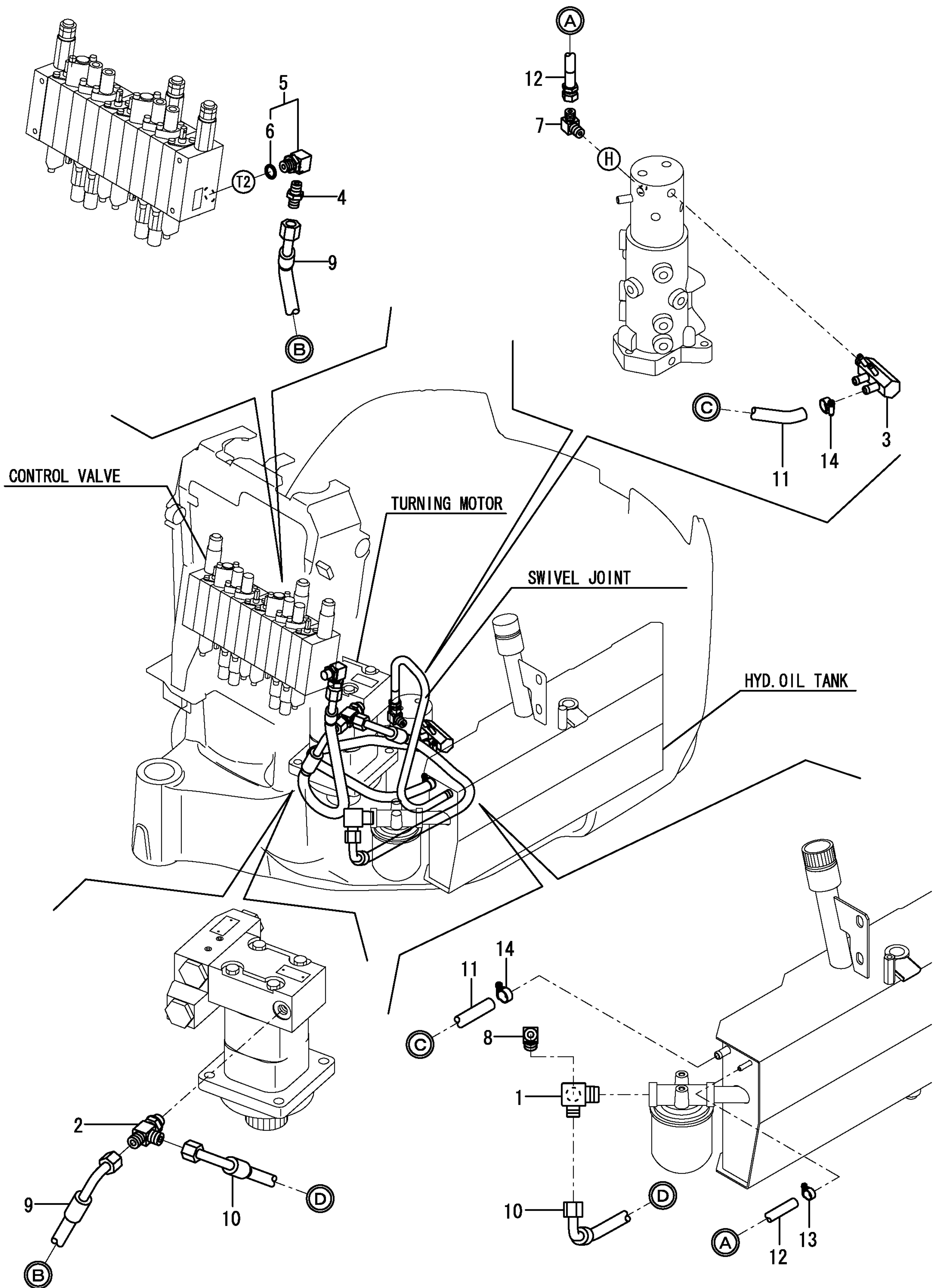
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3,1,,172123-76121,, "JOINT PF1/4",4,,,,,,,,,,,,,,,,,
4,1,,172157-76150,, "CONNECTOR 3/8-1/4",2,,,,,,,,,,,,,,,,,
5,1,,23391-020000,, "JOINT RGI1/4",4,,,,,,,,,,,,,,,,,
6,1,,24315-000110,, "O-RING 1B P-11.0",4,,,,,,,,,,,,,,,,,
7,1,,24315-000140,, "O-RING 1B P-14.0",2,,,,,,,,,,,,,,,,,
8,1,,172480-78240,, "HOSE F204BC098W",1,,,,,,,,,,,,,,,,,
9,1,,172480-78250,, "HOSE F204BB082W",1,,,,,,,,,,,,,,,,,
10,1,,172480-78260,, "HOSE F204BC074",1,,,,,,,,,,,,,,,,,
11,1,,172480-78270,, "HOSE F204BB063",1,,,,,,,,,,,,,,,,,
12,1,,172480-78370,, "HOSE F204BC074",1,,,,,,,,,,,,,,,,,
13,1,,172480-78380,, "HOSE F204BB065",1,,,,,,,,,,,,,,,,,
14,1,,172480-78410,, "HOSE F204CC088",1,,,,,,,,,,,,,,,,,
15,1,,172480-78420,, "HOSE F204BC083",1,,,,,,,,,,,,,,,,,
16,1,,172157-78640,, "COVER 20X500,H0SE",1,,,,,,,,,,,,,,,,,
17,1,,172157-78640,, "COVER 20X500,H0SE",2,,,,,,,,,,,,,,,,,
18,1,,172142-78760,, "COVER 16-650, H0SE",2,,,,,,,,,,,,,,,,,
19,1,,172186-78960-1,, "CLAMP CMP(HOSE (87))",1,,,,,,,,,,,,,,,,,
20,1,,26013-100202,, "BOLT W/WASHER M10X20",2,,,,,,,,,,,,,,,,,
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22,1,,933168-55770,, "BAND 146",2,,,,,,,,,,,,,,,,,



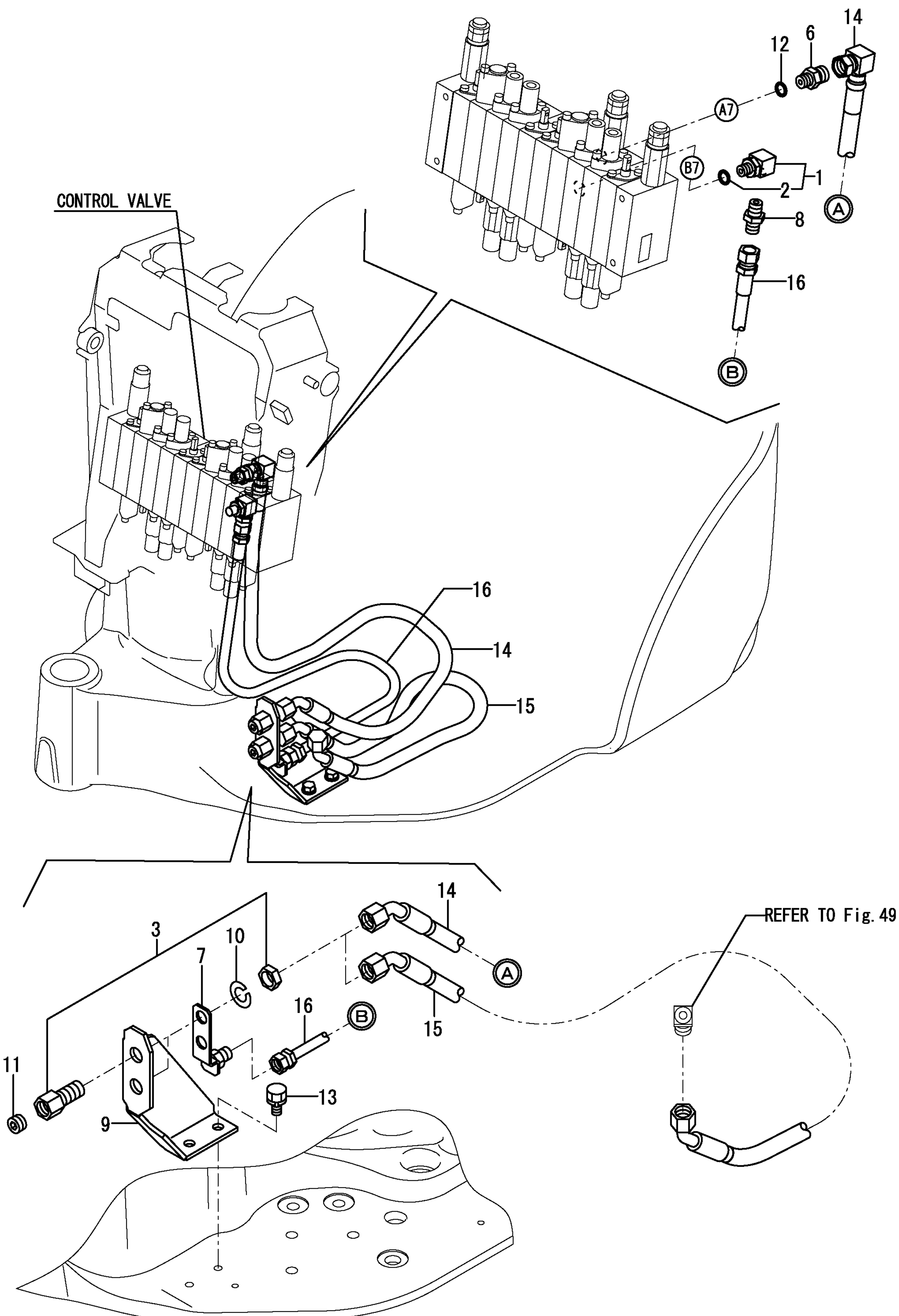
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4,1,,23391-020000,, "JOINT RGI1/4",5,,,,,,,,,,,,,,,,,
5,1,,23391-020000,, "JOINT RGI1/4",3,,,,,,,,,,,,,,,,,
6,1,,23393-020000,, "JOINT 90RGI1/4",4,,,,,,,,,,,,,,,,,
7,1,,23394-020000,, "JOINT 45RGI1/4",1,,,,,,,,,,,,,,,,,
8,1,,24315-000110,, "O-RING 1B P-11.0",5,,,,,,,,,,,,,,,,,
9,1,,172480-78200,, "HOSE P204CC082",1,,,,,,,,,,,,,,,,,
10,1,,172446-78210,, "HOSE P204BC059",1,,,,,,,,,,,,,,,,,
11,1,,172446-78220,, "HOSE P204BC065",1,,,,,,,,,,,,,,,,,
12,1,,172480-78230,, "HOSE F204BB061",1,,,,,,,,,,,,,,,,,
13,1,,172480-78300,, "HOSE F204CE091",1,,,,,,,,,,,,,,,,,
14,1,,172480-78320,, "HOSE F204BC064",1,,,,,,,,,,,,,,,,,
15,1,,172480-78330,, "HOSE F204BB060",1,,,,,,,,,,,,,,,,,
16,1,,172480-78430,, "HOSE F204BC077",1,,,,,,,,,,,,,,,,,
17,1,,172446-78470,, "HOSE P204BC073",1,,,,,,,,,,,,,,,,,
18,1,,172446-78480,, "HOSE P204BB065",1,,,,,,,,,,,,,,,,,
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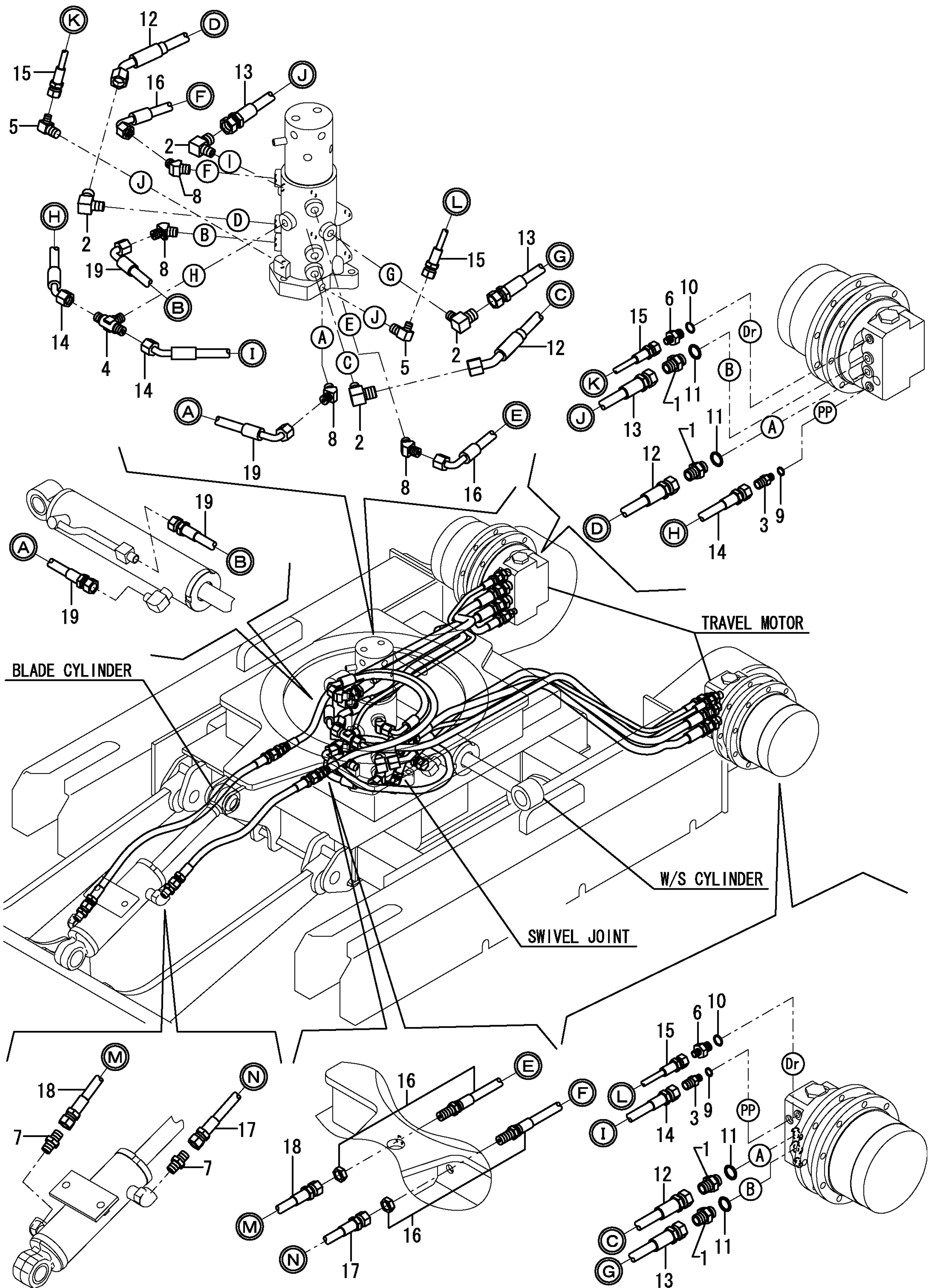
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3,1,,172480-76200,, "CONNECTER, DRAIN",1,,,,,,,,,,,,,,,,,
4,1,,172312-76240,, "NIPPLE 1/4-3/8",1,,,,,,,,,,,,,,,,,
5,1,,172186-76370,, "CONNECTOR 3/8-1/4",1,,,,,,,,,,,,,,,,,
6,2,,24315-000140,, "O-RING 1B P-14.0",1,,,,,,,,,,,,,,,,,
7,1,,23393-020000,, "JOINT 90RGI1/4",1,,,,,,,,,,,,,,,,,
8,1,,23394-030000,, "JOINT 45RGI 3/8",1,,,,,,,,,,,,,,,,,
9,1,,172480-78170,, "HOSE G606CE053",1,,,,,,,,,,,,,,,,,
10,1,,172480-78470,, "HOSE P406CC055",1,,,,,,,,,,,,,,,,,
11,1,,172480-78640,, "HOSE G806YY056",1,,,,,,,,,,,,,,,,,
12,1,,172480-79210,, "HOSE, G804BY080",1,,,,,,,,,,,,,,,,,
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14,1,,23001-016000,, "HOSE CLAMP 16",2,,,,,,,,,,,,,,,,,



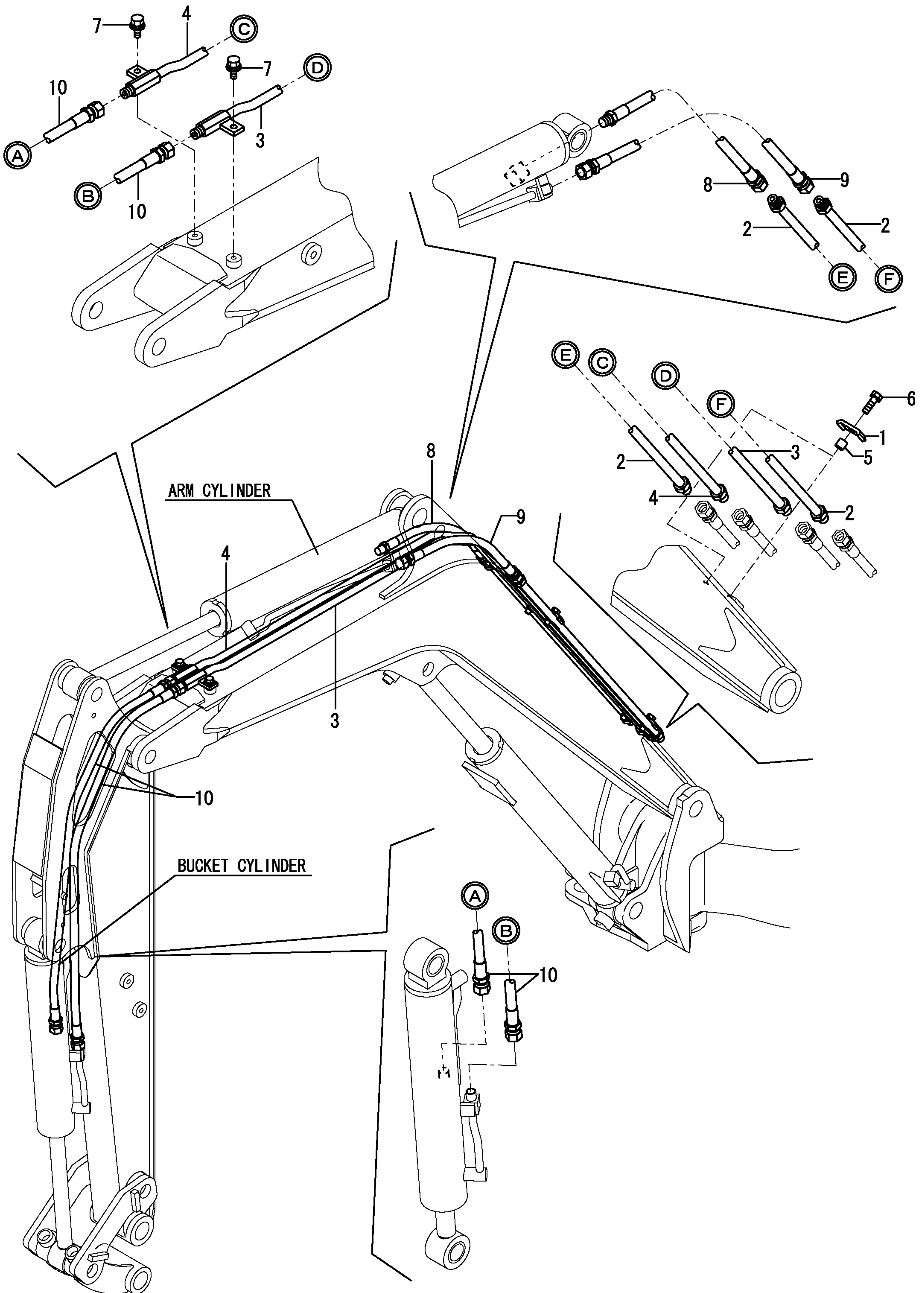
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3,1,,172145-76180,, "JOINT 3/8",2,,,,,,,,,,,,,,,,,
6,1,,172638-76190,, "CONNECTOR PF1/4",1,,,,,,,,,,,,,,,,,
7,1,,172446-76200,, "CONNECTOR CMP",1,,,,,,,,,,,,,,,,,
8,1,,172312-76240,, "NIPPLE 1/4-3/8",1,,,,,,,,,,,,,,,,,
9,1,,172446-76300,, "BRACKET, P.T.O.",1,,,,,,,,,,,,,,,,,
10,1,,22217-160000,, "SPRING WASHER 16",2,,,,,,,,,,,,,,,,,
11,1,,23871-030000,, "PLUG PT3/8, SCREW",2,,,,,,,,,,,,,,,,,
12,1,,24315-000110,, "O-RING 1B P-11.0",1,,,,,,,,,,,,,,,,,
13,1,,26013-100162,, "BOLT M10X 16",2,,,,,,,,,,,,,,,,,
14,1,,172480-78340,, "HOSE H206EV091K",1,,,,,,,,,,,,,,,,,
15,1,,172480-78460,, "HOSE G606EE070K",1,,,,,,,,,,,,,,,,,
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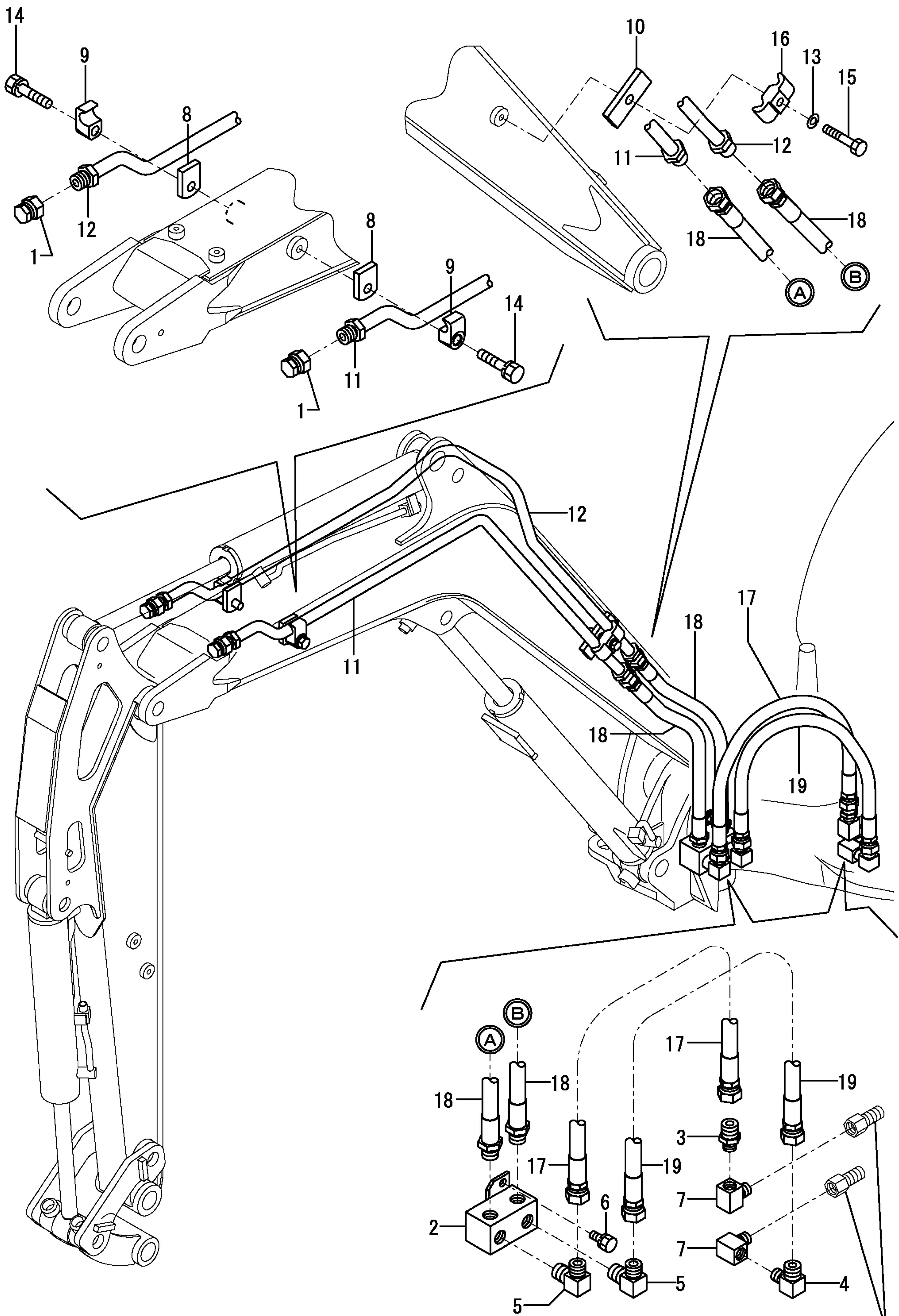
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3,1,,172447-76210,, "JOINT G1/8-G1/4",2,,,,,,,,,,,,,,,,,
4,1,,172162-76320,, "CONNECTOR 3-1/4",1,,,,,,,,,,,,,,,,,
5,1,,172447-76520,, "JOINT 90°RG1-1/4",2,,,,,,,,,,,,,,,,,
6,1,,172447-76700,, "JOINT G1/4-G1/8",2,,,,,,,,,,,,,,,,,
7,1,,23391-020000,, "JOINT RGI1/4",2,,,,,,,,,,,,,,,,,
8,1,,23394-020000,, "JOINT 45°RG11/4",4,,,,,,,,,,,,,,,,,
9,1,,24315-000080,, "O-RING 1B P-8.0",2,,,,,,,,,,,,,,,,,
10,1,,24315-000110,, "O-RING 1B P-11.0",2,,,,,,,,,,,,,,,,,
11,1,,24315-000140,, "O-RING 1B P-14.0",4,,,,,,,,,,,,,,,,,
12,1,,172480-78500,, "HOSE P205BE072W",2,,,,,,,,,,,,,,,,,
13,1,,172480-78520,, "HOSE P205BB069W",2,,,,,,,,,,,,,,,,,
14,1,,172446-78550,, "HOSE P204BD082W",2,,,,,,,,,,,,,,,,,
15,1,,172480-78560,, "HOSE P202BB070W",2,,,,,,,,,,,,,,,,,
16,1,,172480-78580,, "HOSE F204CX054W",2,,,,,,,,,,,,,,,,,
17,1,,172480-78600,, "HOSE F204BB044W",1,,,,,,,,,,,,,,,,,
18,1,,172480-78610,, "HOSE F204BB056W",1,,,,,,,,,,,,,,,,,
19,1,,172480-78620,, "HOSE F204BC049W",2,,,,,,,,,,,,,,,,,



1,1,,172110-76170-1,, "PLATE (YELLOW:87)",4,,,,,,,,,,,,,
2,1,,172447-76400-1,, "TUBE ,ARM(YELLOW:87)",2,,,,,,,,,,,,,
3,1,,172447-76450-1,, "TUBE,BUCKET L (87)",1,,,,,,,,,,,,,
4,1,,172447-76500-1,, "TUBE,BUCKET R (87)",1,,,,,,,,,,,,,
5,1,,172137-76580,, "COLLER 9X11",4,,,,,,,,,,,,,
6,1,,26013-080252,, "BOLT M 8X 25",4,,,,,,,,,,,,,
7,1,,26014-080162,, "BOLT M 8X 16",2,,,,,,,,,,,,,
8,1,,172447-78260,, "HOSE P204AB033K",1,,,,,,,,,,,,,
9,1,,172447-78270,, "HOSE P204BB032K",1,,,,,,,,,,,,,
10,1,,172480-79100,, "HOSE F204BB079W",2,,,,,,,,,,,,,



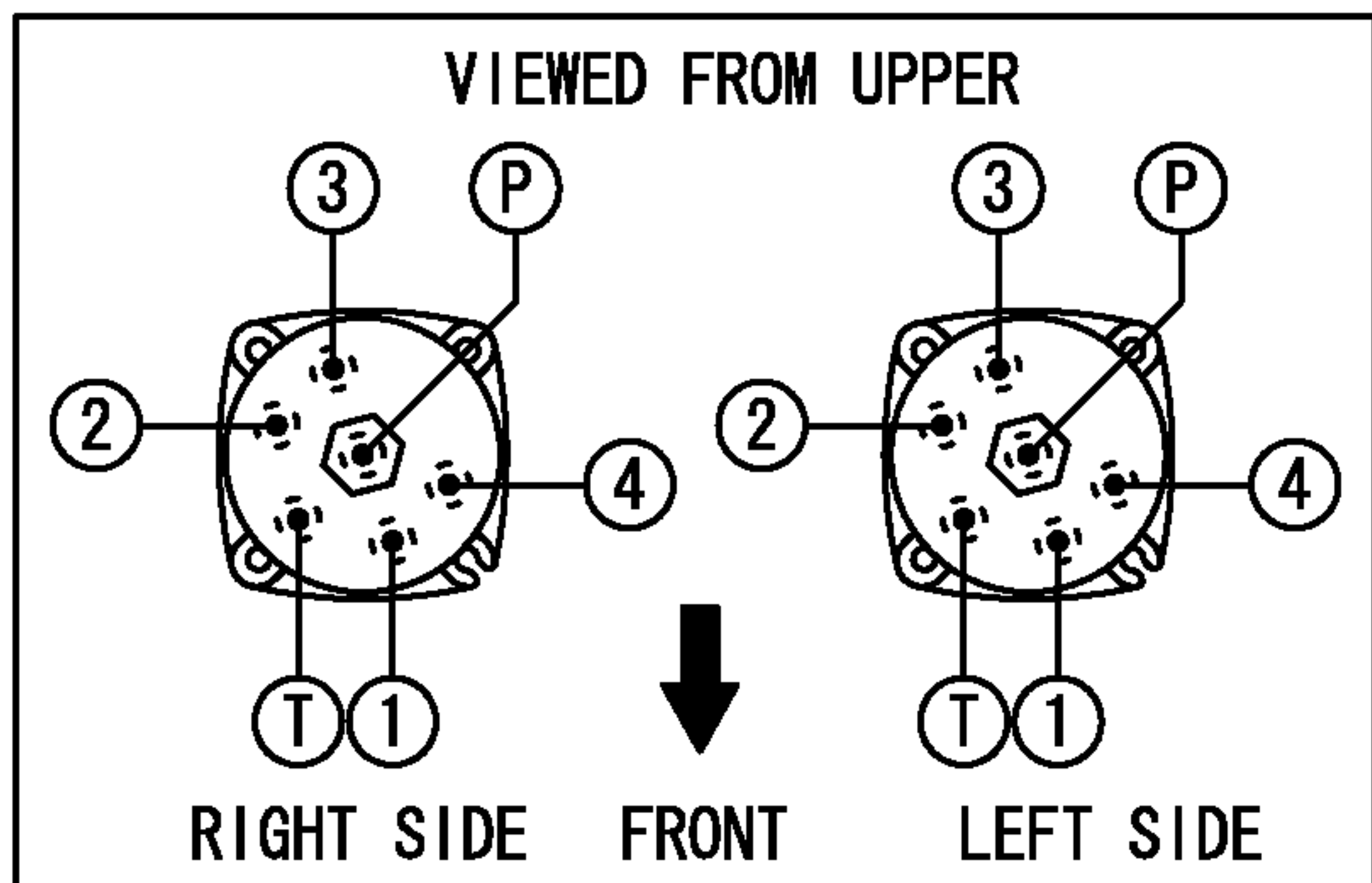
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2,1,,172449-76650,, "JOINT CMP 1/2",1,,,,,,,,,,,,,,,,,,,,,
3,1,,172141-76940,, "ADAPTOR 1/2-3/8",1,,,,,,,,,,,,,,,,,,,,,
4,1,,172141-76990,, "BUSH 38-55, PIN",1,,,,,,,,,,,,,,,,,,,,,
5,1,,23393-040000,, "JOINT 90RGI 1/2",2,,,,,,,,,,,,,,,,,,,,,
6,1,,26013-100202,, "BOLT W/WASHER M10X20",2,,,,,,,,,,,,,,,,,,,,,
7,1,,933166-24240,, "ELBOW, SWIVEL JOINT",2,,,,,,,,,,,,,,,,,,,,,
8,1,,172183-76250-1,, "PLATE (YELLOW:87)",2,,,,,,,,,,,,,,,,,,,,,
9,1,,172175-76490-5,, "CLAMP 17.3(YELLOW:87)",2,,,,,,,,,,,,,,,,,,,,,
10,1,,172175-76590-5,, "PLATE, SPACER (87)",1,,,,,,,,,,,,,,,,,,,,,
11,1,,172480-76600-1,, "TUBE,L PTO(YELLOW:87)",1,,,,,,,,,,,,,,,,,,,,,
12,1,,172480-76620-1,, "TUBE,R PTO(YELLOW:87)",1,,,,,,,,,,,,,,,,,,,,,
13,1,,22217-100000,, "SPRING WASHER 10",1,,,,,,,,,,,,,,,,,,,,,
14,1,,26013-120502,, "BOLT M12X 50",2,,,,,,,,,,,,,,,,,,,,,
15,1,,26116-100552,, "BOLT M10X 55 PLATED",1,,,,,,,,,,,,,,,,,,,,,
16,1,,933155-09670-2,, "CLAMP,PIPE",1,,,,,,,,,,,,,,,,,,,,,
17,1,,172446-78810,, "HOSE H206BB075K",1,,,,,,,,,,,,,,,,,,,,,
18,1,,172462-78920,, "HOSE H208AB051K",2,,,,,,,,,,,,,,,,,,,,,
19,1,,172462-78930,, "HOSE H208BB081K",1,,,,,,,,,,,,,,,,,,,,,



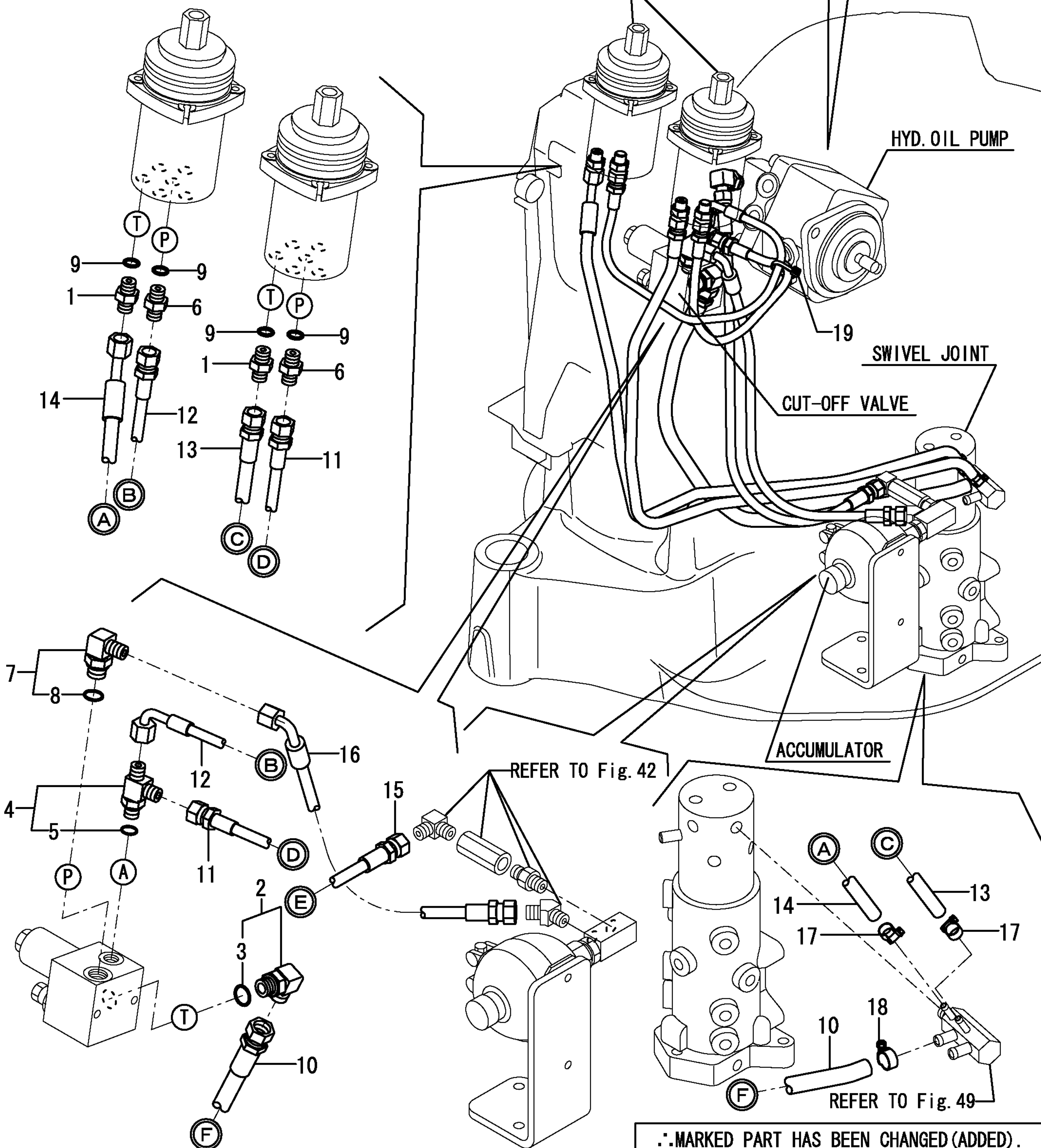
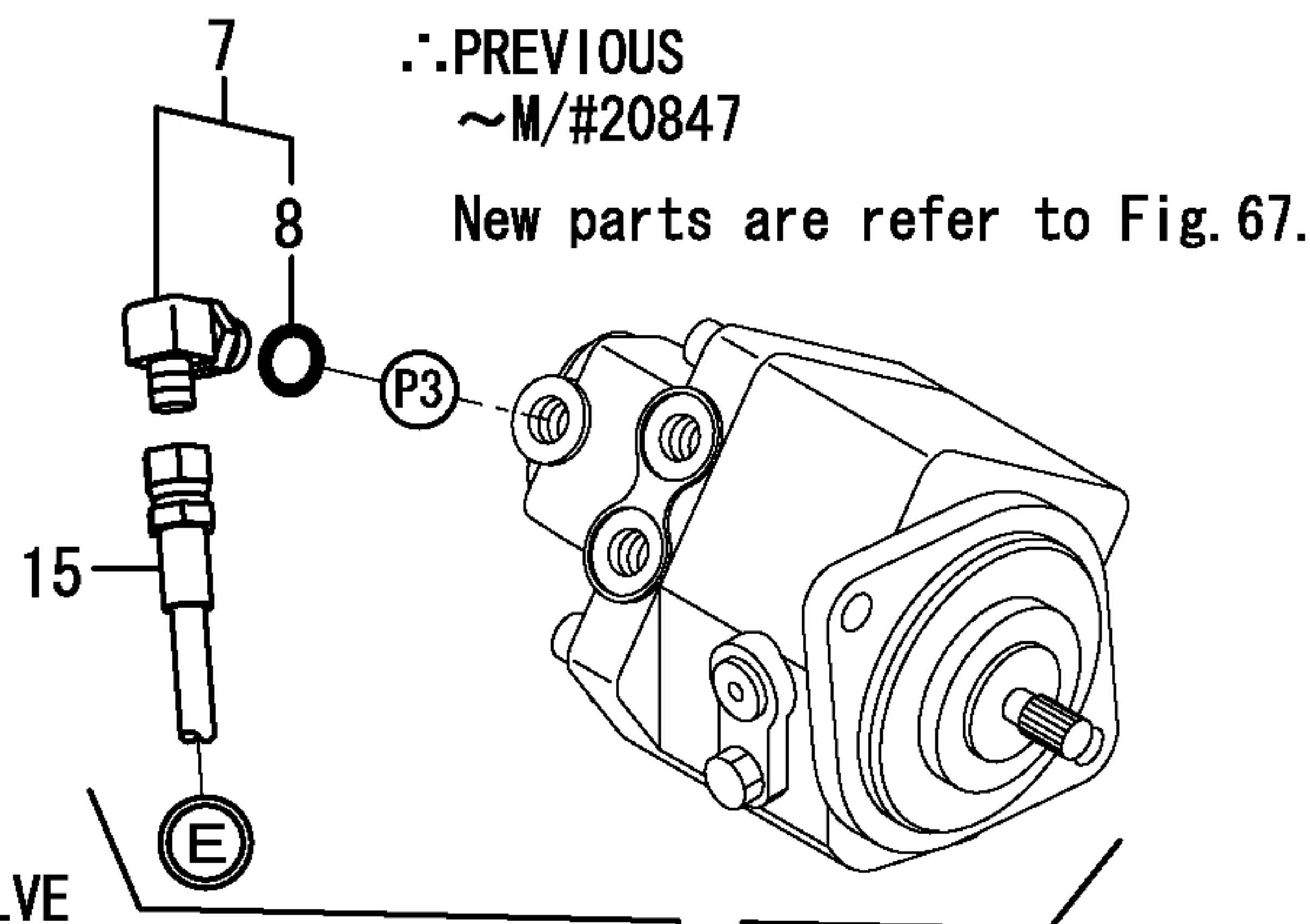
REFER TO Fig. 50-

1,1,,172123-76121,, "JOINT PF1/4",2,,,,,,,,,,,,,,,,,
2,1,,172142-76181,, "JOINT 90-3/8 ASSY",1,,,,,,,,,,,,,,,,,
3,2,,24315-000140,, "O-RING 1B P-14.0",1,,,,,,,,,,,,,,,,,
4,1,,172162-76180,, "JOINT 3-1/4 COMPL.",1,,,,,,,,,,,,,,,,,
5,2,,24315-000110,, "O-RING 1B P-11.0",1,,,,,,,,,,,,,,,,,
6,1,,172455-76220,, "CONNECTOR PF1/4",2,,,,,,,,,,,,,,,,,
7,1,,172141-76920,, "CONNECTOR 3/8-1/4L",2,,,,,,,,,,,,,,,,,
8,2,,24315-000140,, "O-RING 1B P-14.0",2,,,,,,,,,,,,,,,,,
9,1,,24315-000110,, "O-RING 1B P-11.0",4,,,,,,,,,,,,,,,,,
10,1,,172480-78670,, "HOSE G806BY061",1,,,,,,,,,,,,,,,,,
11,1,,172480-78680,, "HOSE G603BB044",1,,,,,,,,,,,,,,,,,
12,1,,172480-78690,, "HOSE F403BC057",1,,,,,,,,,,,,,,,,,
13,1,,172480-78700,, "HOSE G804BY092",1,,,,,,,,,,,,,,,,,
14,1,,172480-78710,, "HOSE G804EY093",1,,,,,,,,,,,,,,,,,
15,1,,172480-79230,, "HOSE, P404BB092K",1,,,,,,,,,,,,,,,,,
16,1,,172480-79240,, "HOSE, P404BC054",1,,,,,,,,,,,,,,,,,
17,1,,23000-013000,, "CLAMP 13",2,,,,,,,,,,,,,,,,,
18,1,,23001-016000,, "HOSE CLAMP 16",1,,,,,,,,,,,,,,,,,
19,1,,933168-55770,, "BAND 146",1,,,,,,,,,,,,,,,,,

New parts are refer to Fig.67.



REMOTE CONTROL VALVE

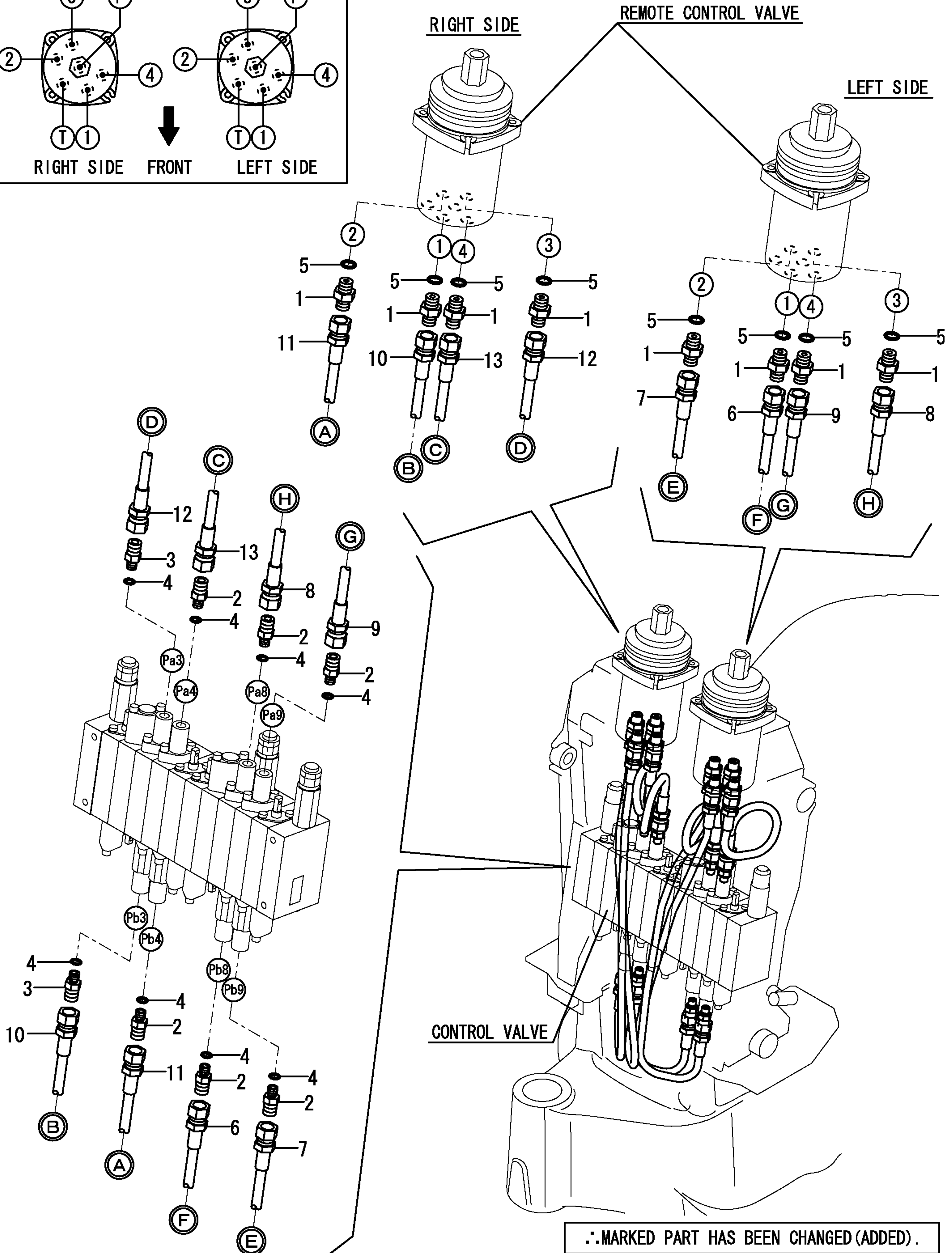
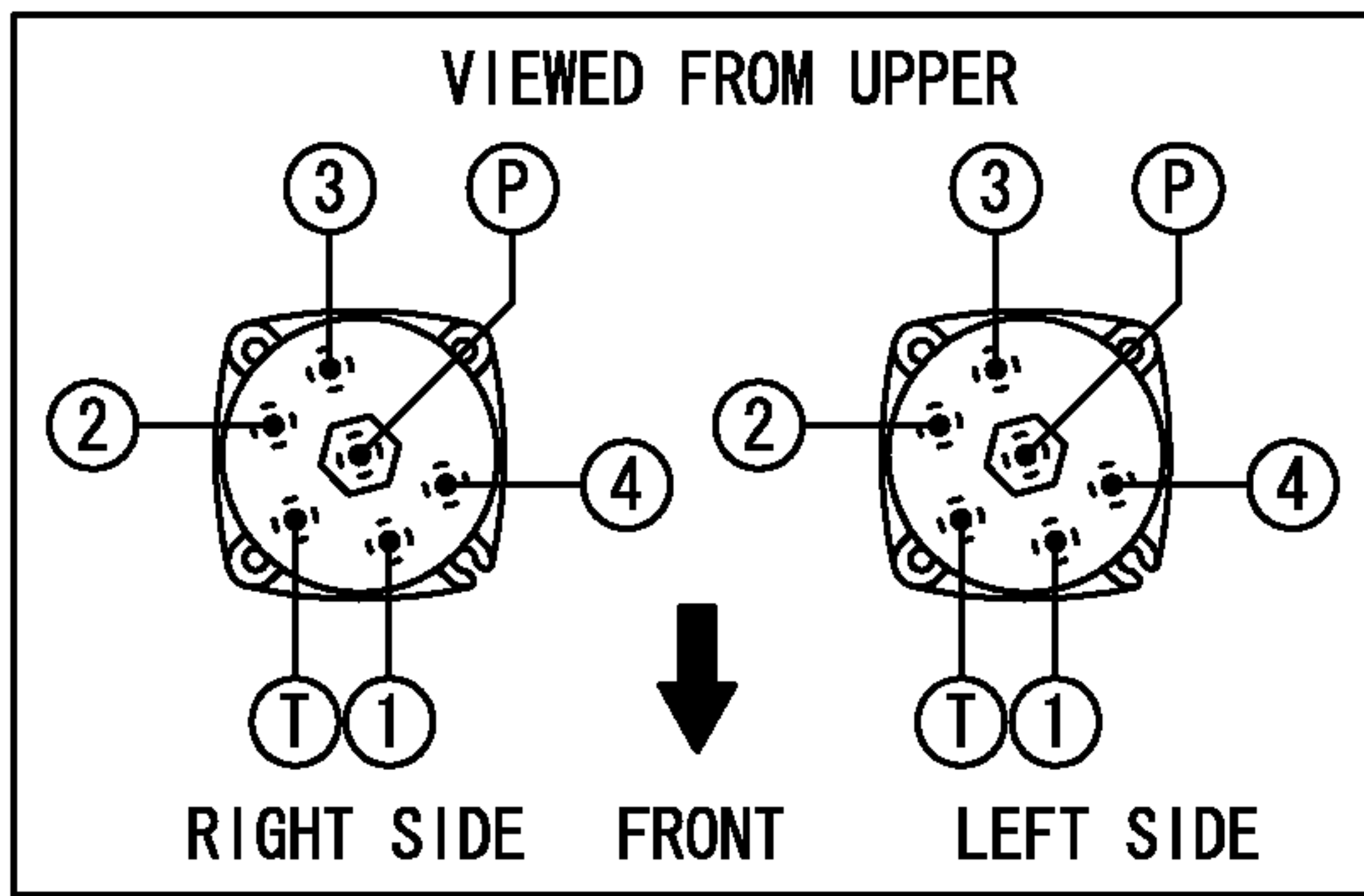


∴ MARKED PART HAS BEEN CHANGED (ADDED).

1,1,,172123-76121,, "JOINT PF1/4",8,,,,,,,,,,,,,,,,,
2,1,,172447-76210,, "JOINT G1/8-G1/4",6,,,,,,,,,,,,,,,,,
3,1,,172480-76230,, "CONNECTOR 0.8",2,,,,,,,,,,,,,,,,,
4,1,,24315-000080,, "O-RING 1B P-8.0",8,,,,,,,,,,,,,,,,,
5,1,,24315-000110,, "O-RING 1B P-11.0",8,,,,,,,,,,,,,,,,,
6,1,,172480-78730,, "HOSE F403BB059",1,,,,,,,,,,,,,,,,,
7,1,,172480-78740,, "HOSE F403BB061",1,,,,,,,,,,,,,,,,,
8,1,,172480-78750,, "HOSE G603BB026",1,,,,,,,,,,,,,,,,,
9,1,,172480-78760,, "HOSE G603BB026",1,,,,,,,,,,,,,,,,,
10,1,,172480-78770,, "HOSE F403BB061",1,,,,,,,,,,,,,,,,,
11,1,,172480-78780,, "HOSE F403BB059",1,,,,,,,,,,,,,,,,,
12,1,,172480-78790,, "HOSE G603BB026",1,,,,,,,,,,,,,,,,,
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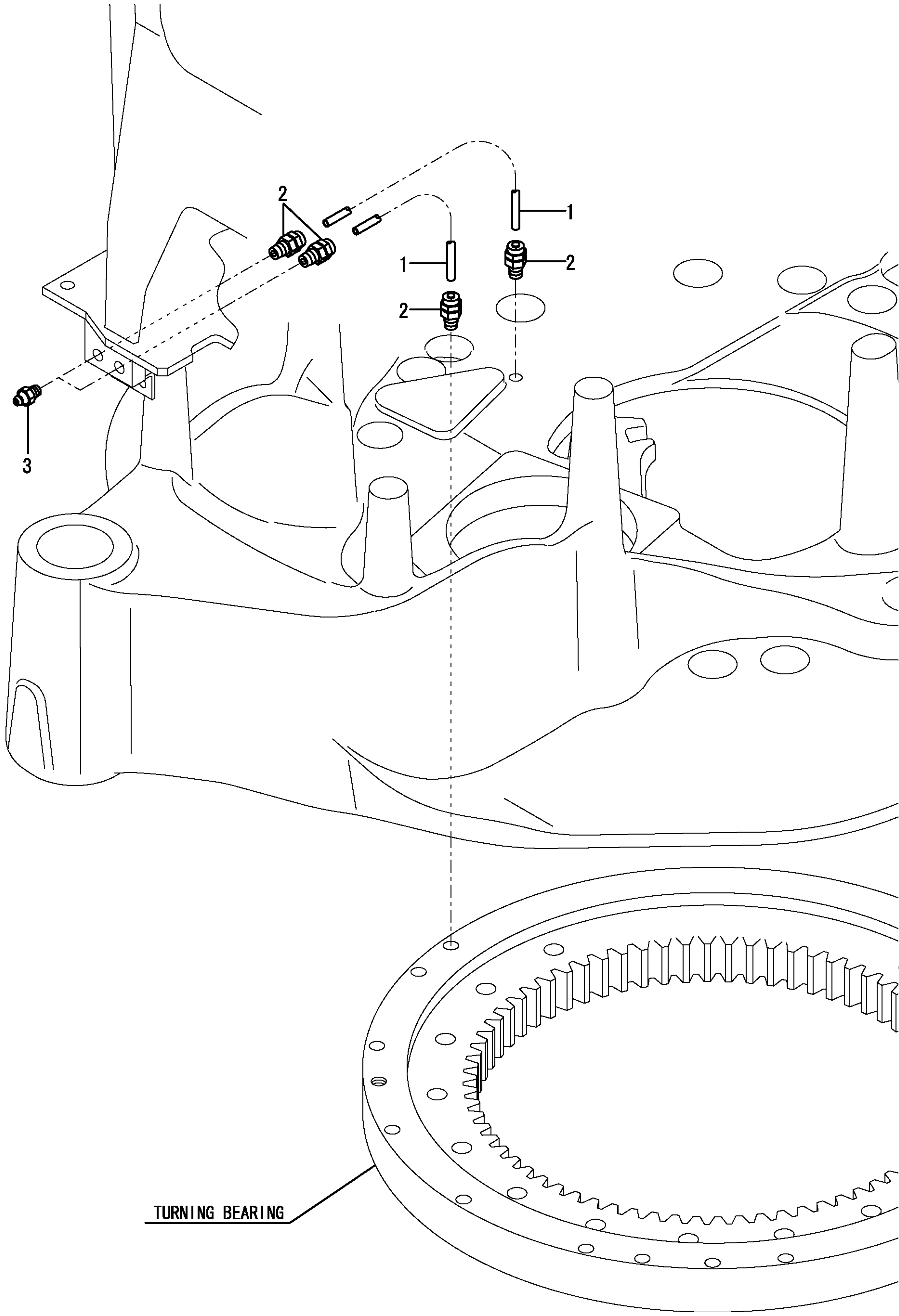
∴PREVIOUS
~M/#20847

New parts are refer to Fig. 68.



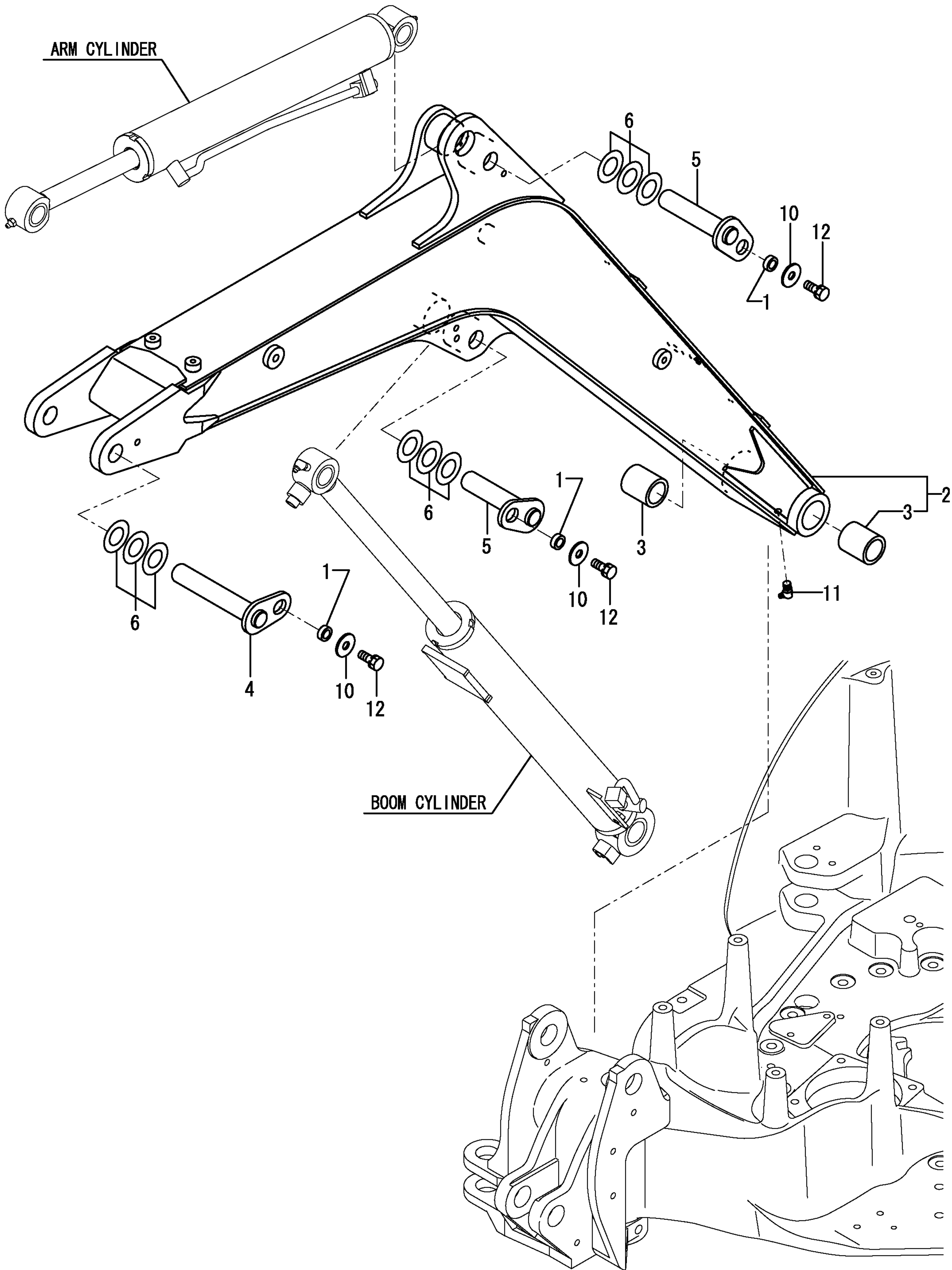
∴MARKED PART HAS BEEN CHANGED (ADDED).

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3,1,,24761-020000,, "NIPPLE PT1/8, GREASE",2,,,,,,,,,,,,,,,,,,,,,

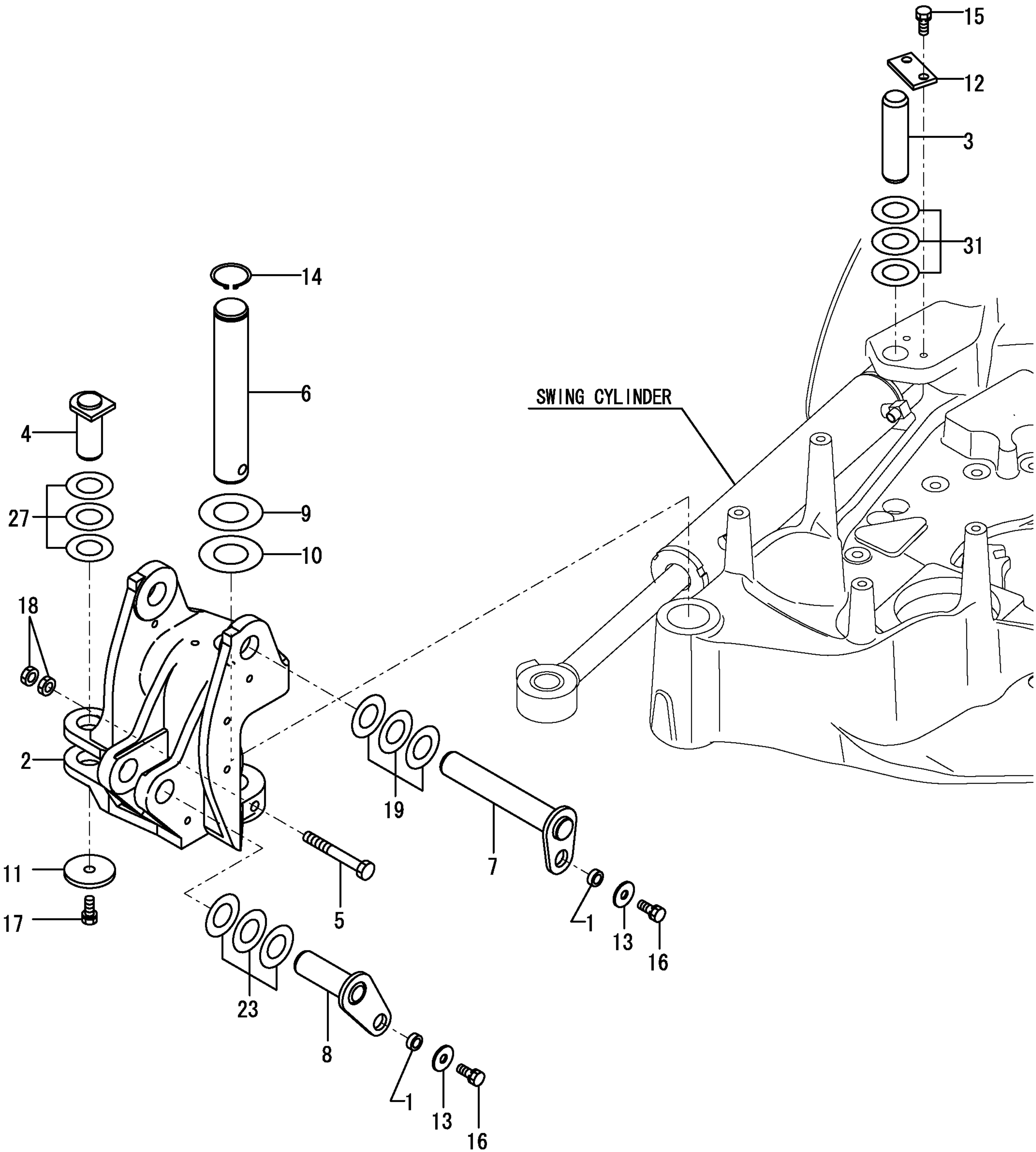


TURNING BEARING

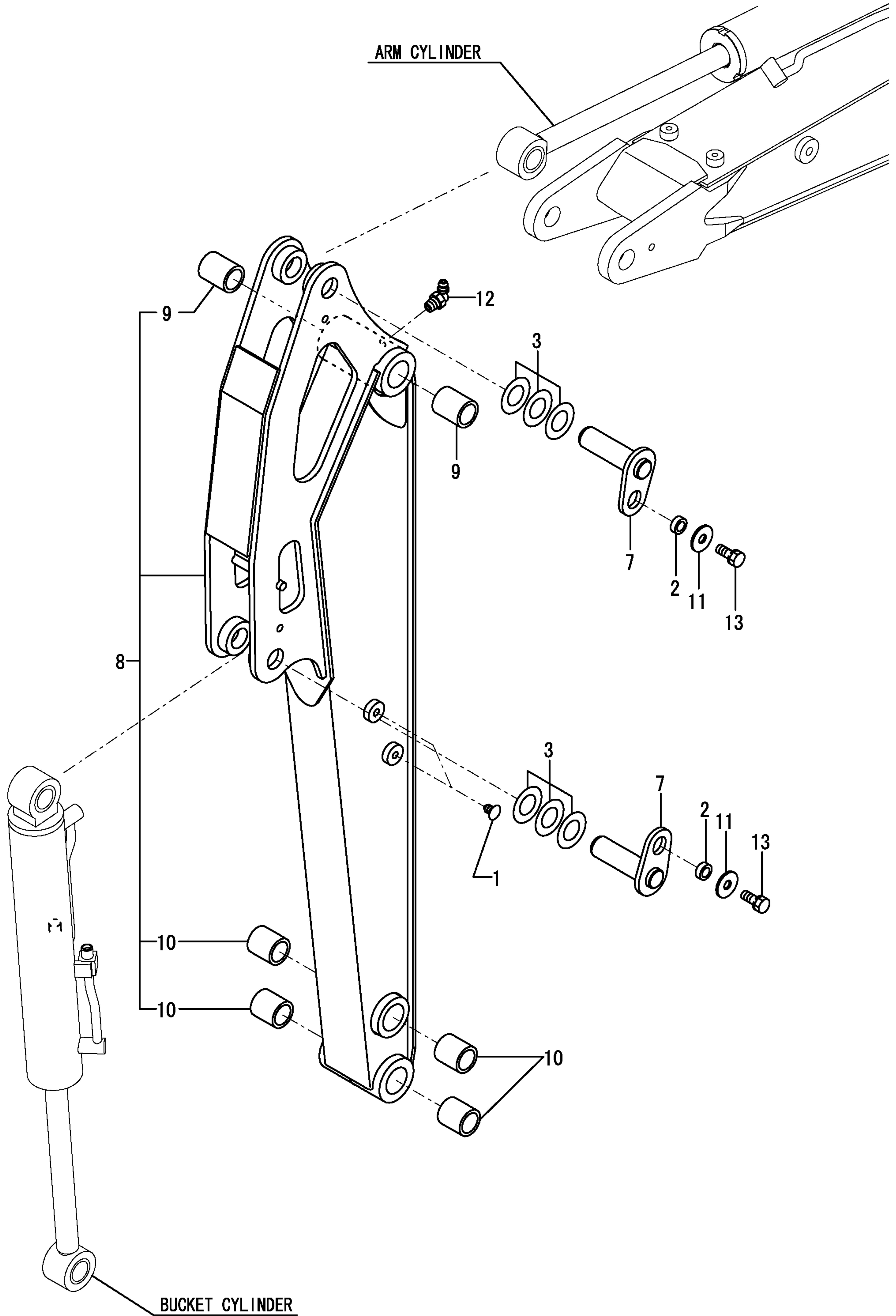
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3,2,,172137-81300,, "BUSH 30X45, PIN",2,,,,,,,,,,,,,,,,,,,,,
4,1,,172480-81300,, "PIN 25X140",1,,,,,,,,,,,,,,,,,,,,,
5,1,,172480-81320,, "PIN 25X111",2,,,,,,,,,,,,,,,,,,,,,
6,1,,172156-81400,, "SHIM 25-45",3,,,,,,,,,,,,,,,,,,,,,
10,1,,22157-100000,, "WASHER 10",3,,,,,,,,,,,,,,,,,,,,,
11,1,,24761-050000,, "NIPPLE C,GREASE",1,,,,,,,,,,,,,,,,,,,,,
12,1,,26013-100252,, "BOLT W/WASHER M10X25",3,,,,,,,,,,,,,,,,,,,,,



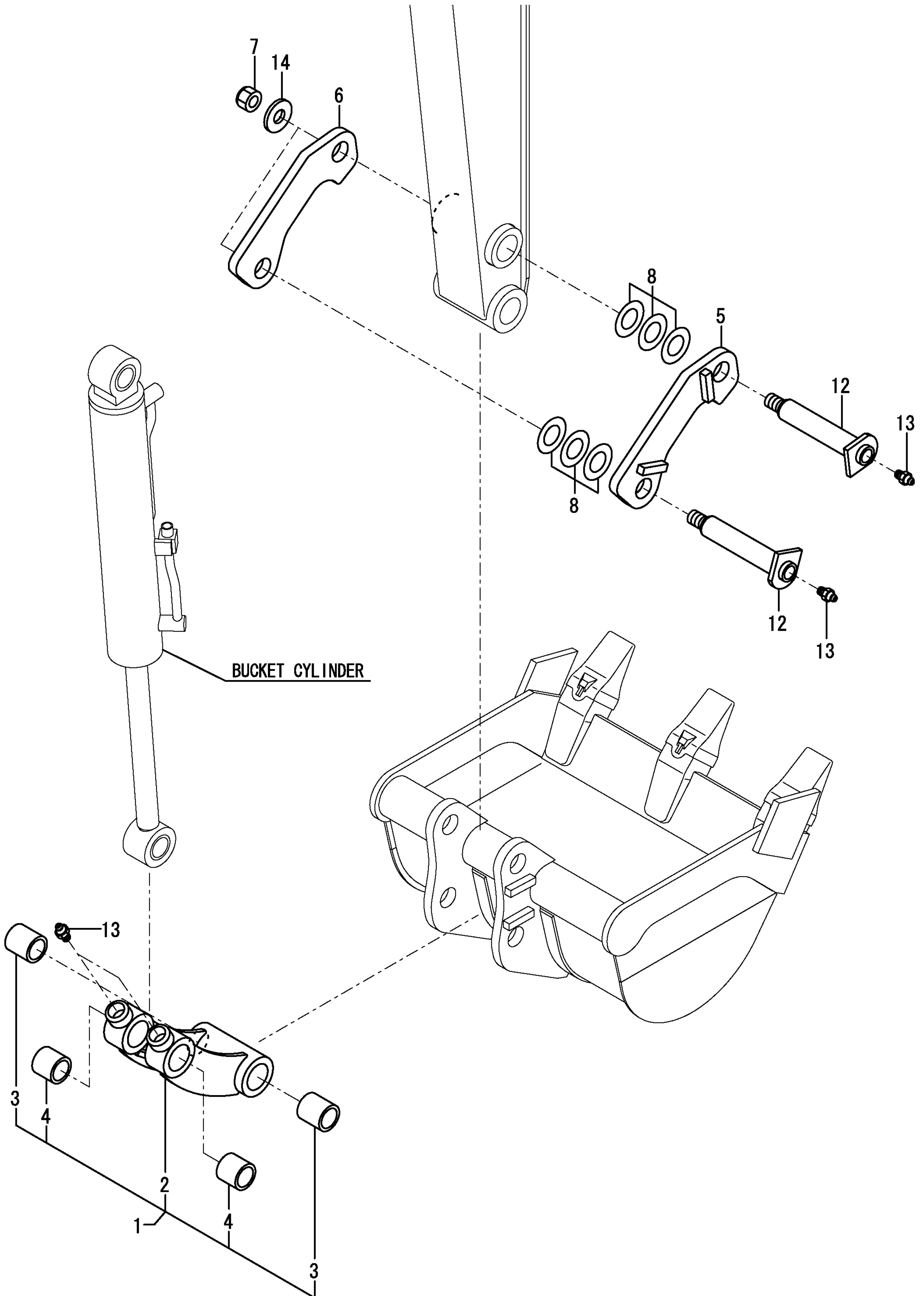
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3,1,,172480-82310,, "PIN 30X117",1,,,,,,,,,,,,,,,,,,,,,
4,1,,172480-82320,, "PIN 30X68",1,,,,,,,,,,,,,,,,,,,,,
5,1,,172157-82340,, "BOLT 12X 95",1,,,,,,,,,,,,,,,,,,,,,
6,1,,172480-82340,, "PIN 40X235.5",1,,,,,,,,,,,,,,,,,,,,,
7,1,,172480-82350,, "PIN 30X183",1,,,,,,,,,,,,,,,,,,,,,
8,1,,172480-82380,, "PIN 30X86",1,,,,,,,,,,,,,,,,,,,,,
9,1,,172165-82580,, "SHIM 40X75X0.5",1,,,,,,,,,,,,,,,,,,,,,
10,1,,172165-82590,, "SHIM 40X75X1.2",1,,,,,,,,,,,,,,,,,,,,,
11,1,,172146-82910,,SPACER,1,,,,,,,,,,,,,,,,,,,,,
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13,1,,22157-100000,, "WASHER 10",2,,,,,,,,,,,,,,,,,,,,,
14,1,,22242-000400,, "CIRCLIP 40",1,,,,,,,,,,,,,,,,,,,,,
15,1,,26013-100252,, "BOLT W/WASHER M10X25",2,,,,,,,,,,,,,,,,,,,,,
16,1,,26013-100252,, "BOLT W/WASHER M10X25",2,,,,,,,,,,,,,,,,,,,,,
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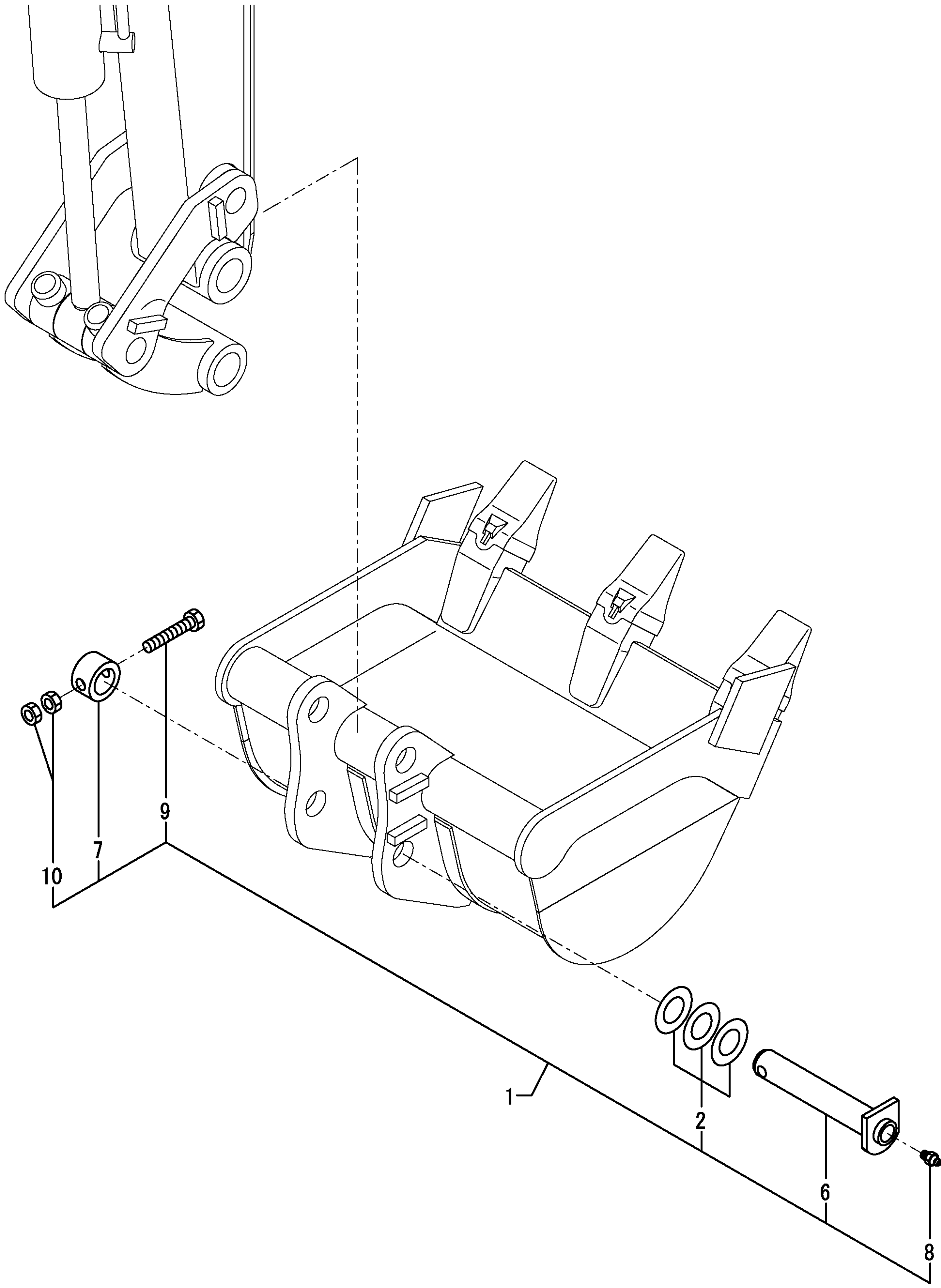
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7,1,,172480-81700,, "PIN 25X83",2,,,,,,,,,,,,,
8,1,,172480-85100-1,, "ARM ,980 (YELLOW:87)",1,,,,,,,,,,,,,
9,2,,172155-54220,, "BUSH 25-33",2,,,,,,,,,,,,,
10,2,,172157-81360,, "BUSH 25 35 A, PIN",4,,,,,,,,,,,,,
11,1,,22157-100000,, "WASHER 10",2,,,,,,,,,,,,,
12,1,,24761-050000,, "NIPPLE C,GREASE",1,,,,,,,,,,,,,
13,1,,26013-100252,, "BOLT W/WASHER M10X25",2,,,,,,,,,,,,,



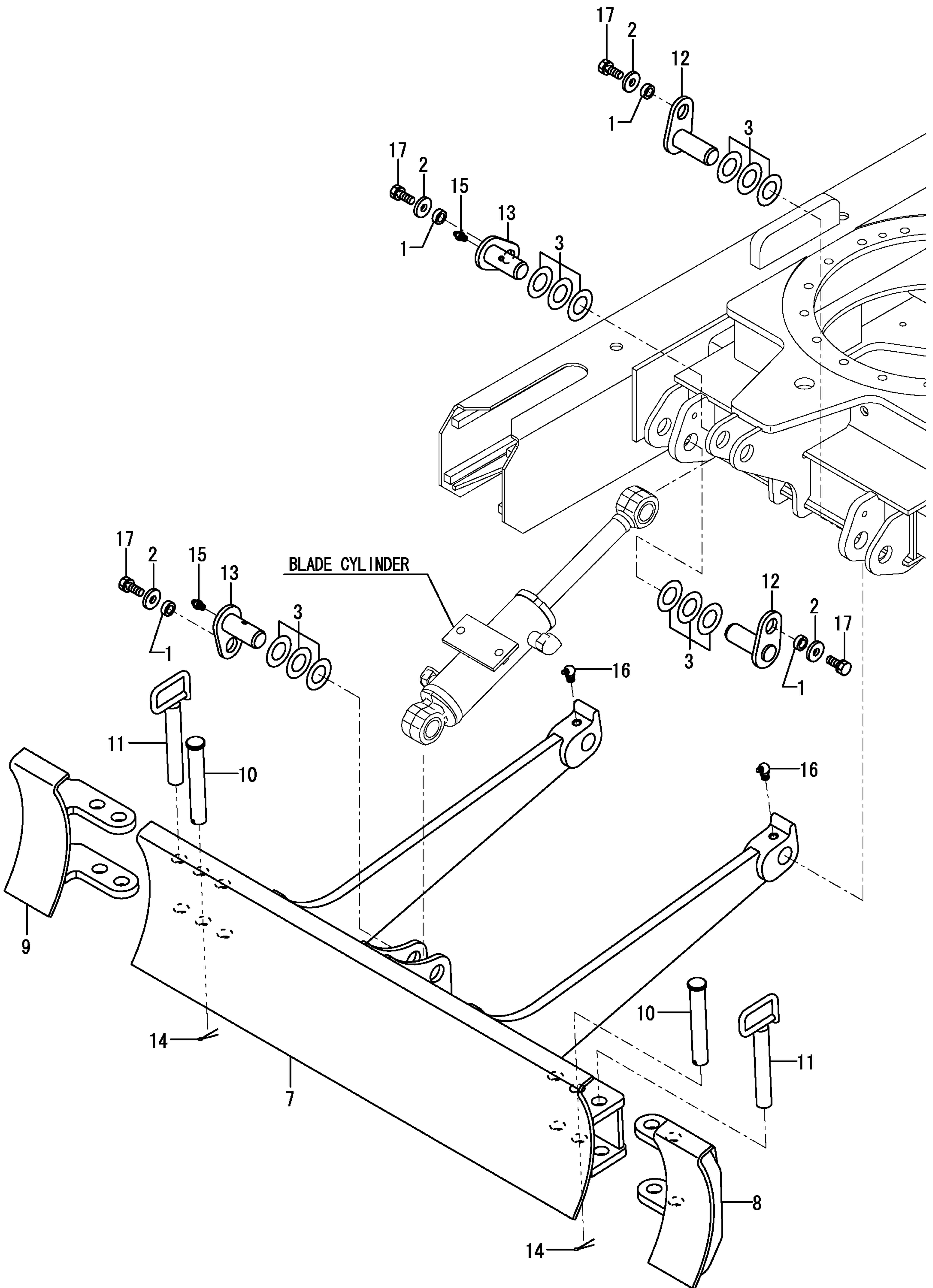
1,1,,172157-81302-2,, "LINK ASSY, BUCKET(87)",1,,,,,,,,,,,,,
2,2,,172480-81350-1,, "LINK, BAK (YELLOW:87)",1,,,,,,,,,,,,,
3,2,,172157-81360,, "BUSH 25 35 A, PIN",2,,,,,,,,,,,,,
4,2,,172157-81370,, "BUSH 25 35, PIN",2,,,,,,,,,,,,,
5,1,,172157-81341-2,, "ARM L, BUCKET (87)",1,,,,,,,,,,,,,
6,1,,172157-81351-2,, "ARM, BUCKET(YELLOW:87)",1,,,,,,,,,,,,,
7,1,,172137-81380,, "NUT M16",2,,,,,,,,,,,,,
8,1,,172156-81400,, "SHIM 25-45",2,,,,,,,,,,,,,
12,1,,172480-81780,, "PIN 25X121",2,,,,,,,,,,,,,
13,1,,24761-020000,, "NIPPLE PT1/8, GREASE",4,,,,,,,,,,,,,
14,1,,933147-08501,, "WASHER 17X40X4.5",2,,,,,,,,,,,,,



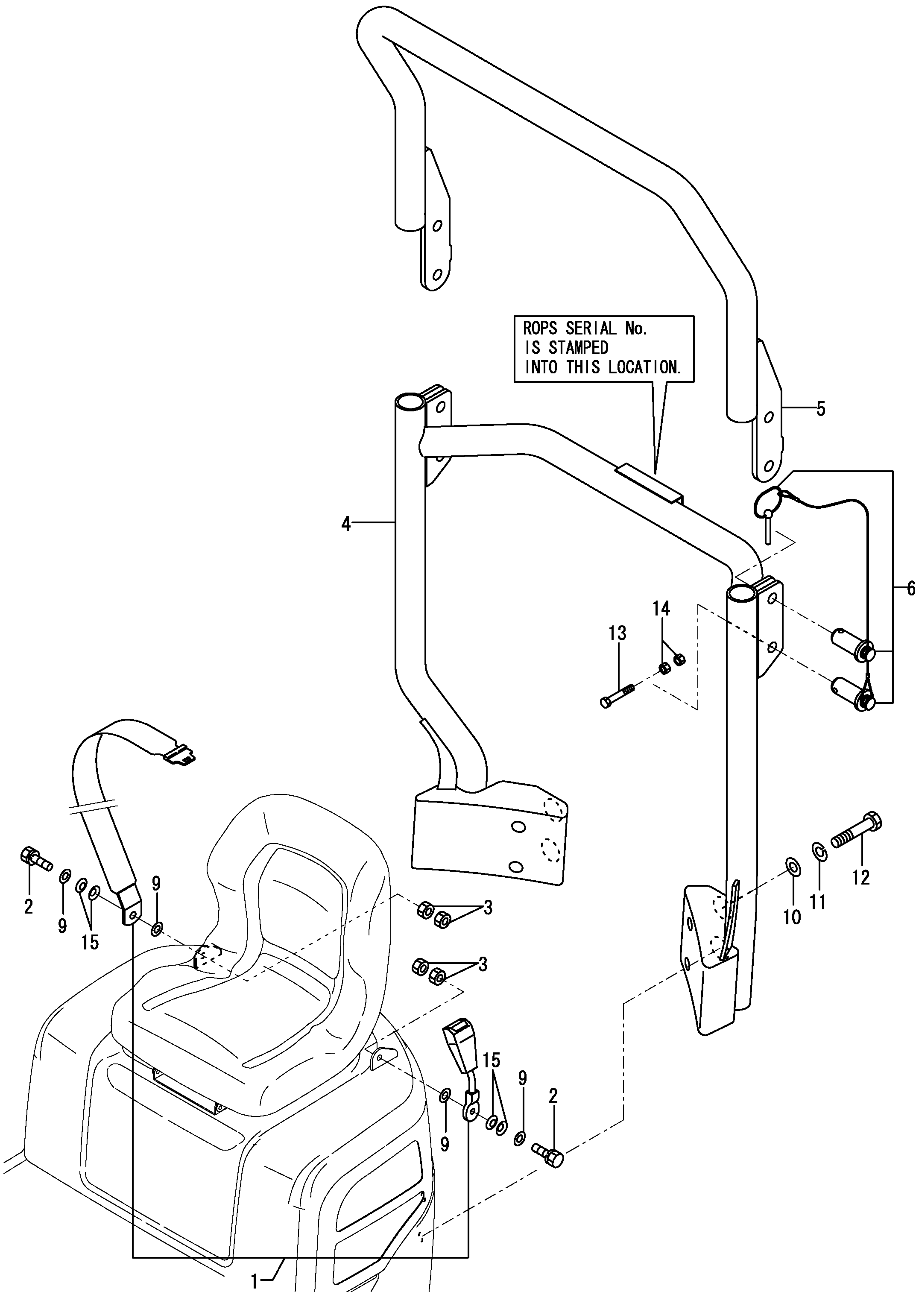
1,1,,172480-81900,, "BUCKET PIN KIT",2,,,,,,,,,,,,,
2,2,,172156-81400,, "SHIM 25-45",2,,,,,,,,,,,,,
6,2,,172480-81800,, "PIN 25X133",2,,,,,,,,,,,,,
7,2,,172186-81820,, "COLLAR 25X38.1X22",2,,,,,,,,,,,,,
8,2,,24761-020000,, "NIPPLE PT1/8,GREASE",2,,,,,,,,,,,,,
9,2,,26116-100552,, "BOLT M10X 55 PLATED",2,,,,,,,,,,,,,
10,2,,26716-100002,, "NUT 10",4,,,,,,,,,,,,,



1,1,,172010-01640,,SPACER,4,,,,,,,,,,,,,
2,1,,172110-36010,,COLLAR,4,,,,,,,,,,,,,
3,1,,172156-81400,, "SHIM 25-45",4,,,,,,,,,,,,,
7,1,,172480-94100,, "BLADE CMP (GREEN:88)",1,,,,,,,,,,,,,
8,1,,172480-94221,, "BLADE, SIDE L (GREEN88",1,,,,,,,,,,,,,
9,1,,172480-94231,, "BLADE, SIDE R (GREEN88",1,,,,,,,,,,,,,
10,1,,172480-94290,, "PIN 20X123",2,,,,,,,,,,,,,
11,1,,172480-94300,, "PIN 20",2,,,,,,,,,,,,,
12,1,,172480-94350,, "PIN 25X63",2,,,,,,,,,,,,,
13,1,,172480-94370,, "PIN 25X59",2,,,,,,,,,,,,,
14,1,,22417-400350,, "COTTER PIN 4.0X35",2,,,,,,,,,,,,,
15,1,,24761-020000,, "NIPPLE PT1/8, GREASE",2,,,,,,,,,,,,,
16,1,,24761-040000,, "NIPPLE B, GREASE",2,,,,,,,,,,,,,
17,1,,26013-100252,, "BOLT W/WASHER M10X25",4,,,,,,,,,,,,,



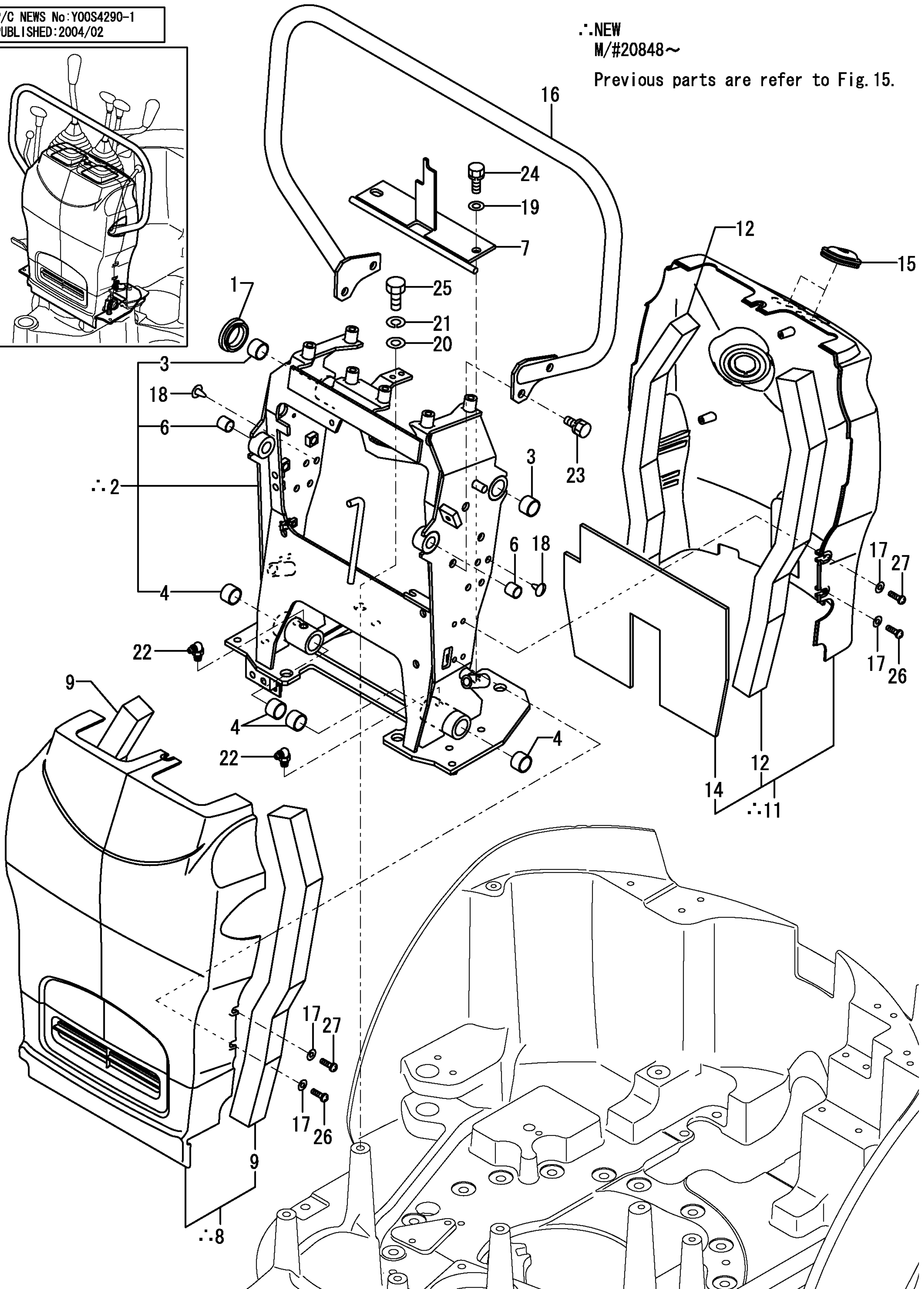
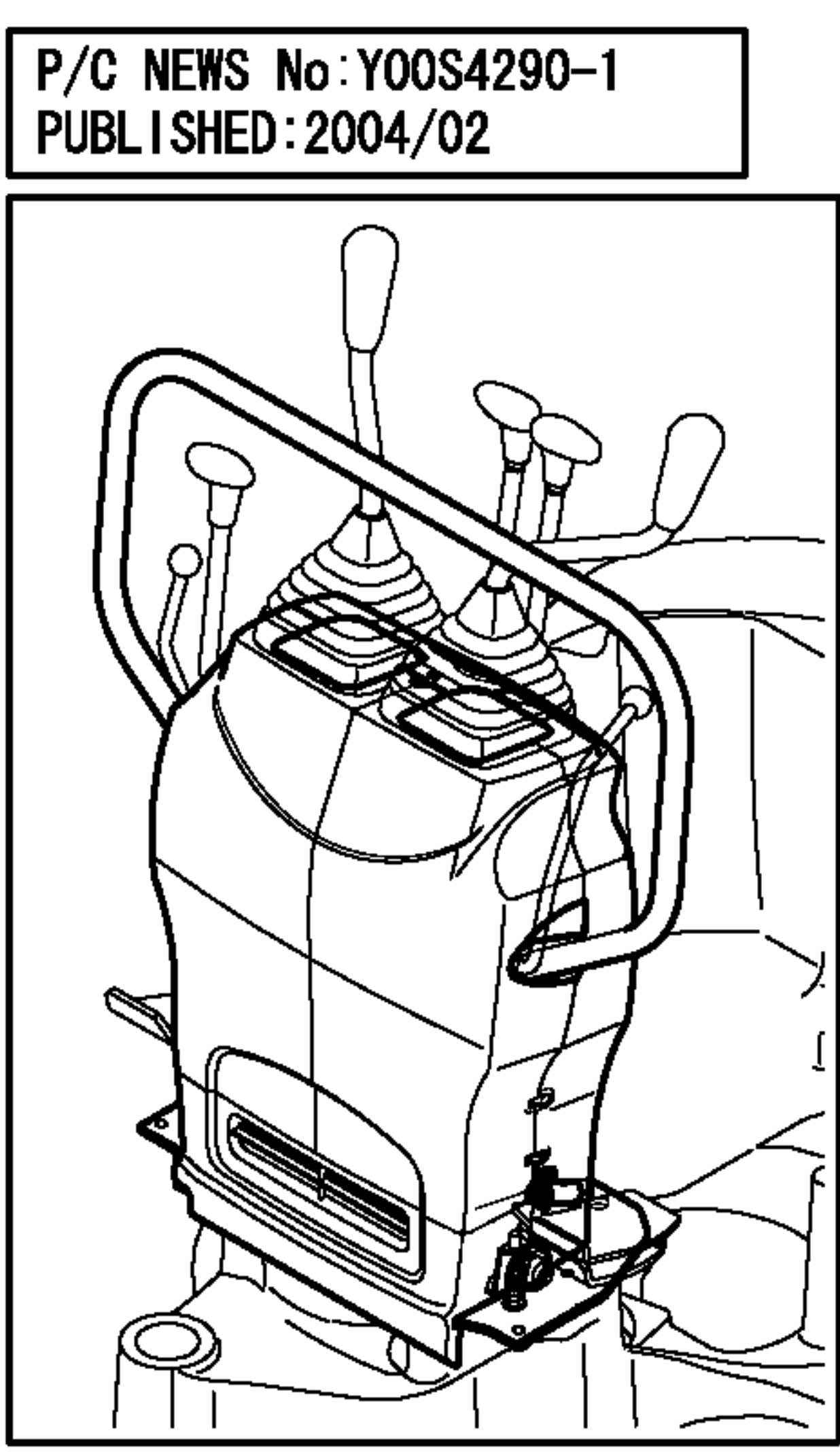
1,1,,172989-64451,, "BELT, SEAT",1,,,,,,,,,,,,,,,,,,,,,
2,1,,172433-64510,, "BOLT 7/16-20-UNF",2,,,,,,,,,,,,,,,,,,,,,
3,1,,172187-64830,, "NUT 7/16-20UNF",4,,,,,,,,,,,,,,,,,,,,,
4,1,,172480-68510,, "MOUNT,ROPS(GREEN:88)",1,,,,,,,,,,,,,,,,,,,,,
5,1,,172480-68660,, "POLE,ROPS (GREEN:88)",1,,,,,,,,,,,,,,,,,,,,,
6,1,,172480-68741,, "PIN,ROPS",2,,,,,,,,,,,,,,,,,,,,,
9,1,,22137-120000,, "WASHER 12,POLISHED",4,,,,,,,,,,,,,,,,,,,,,
10,1,,22137-200000,, "WASHER 20,POLISHED",4,,,,,,,,,,,,,,,,,,,,,
11,1,,22217-200000,, "SPRING WASHER 20",4,,,,,,,,,,,,,,,,,,,,,
12,1,,26076-201002,, "BOLT 10.9 20X100",4,,,,,,,,,,,,,,,,,,,,,
13,1,,26116-060352,, "BOLT M 6X 35 PLATED",2,,,,,,,,,,,,,,,,,,,,,
14,1,,26716-060002,, "NUT 6",4,,,,,,,,,,,,,,,,,,,,,
15,1,,933170-01490,, "SPRING 12",4,,,,,,,,,,,,,,,,,,,,,



1,1,,1A6260-27270,, "GROMMET 35",1,,,,,,,,,,,,,,,,,,,,,I
2,1,,172480-46100,, "SUPPORT, ASSY (GRAY:72)",1,,,,,,,,,,,,,,,,,,,,,I
3,2,,172141-41370,, "BUSH 2015",2,,,,,,,,,,,,,,,,,,,,,I
4,2,,172141-41370,, "BUSH 2015",4,,,,,,,,,,,,,,,,,,,,,I
6,2,,24550-014150,, "BUSH 14X15",2,,,,,,,,,,,,,,,,,,,,,I
7,1,,172480-45550,, "PLATE, GUIDERG (72)",1,,,,,,,,,,,,,,,,,,,,,I
8,1,,172480-46240,, "STAND COVER",1,,,,,,,,,,,,,,,,,,,,,I
9,2,,172480-49120,, "SEAL, STAND",2,,,,,,,,,,,,,,,,,,,,,I
11,1,,172480-46220,, "STAND COVER-R]",1,,,,,,,,,,,,,,,,,,,,,I
12,2,,172480-49120,, "SEAL, STAND",2,,,,,,,,,,,,,,,,,,,,,I
14,2,,172480-49170,, "INSULATING MATERIAL",1,,,,,,,,,,,,,,,,,,,,,I
15,1,,172446-49180,, GROMMET,2,,,,,,,,,,,,,,,,,,,,,I
16,1,,172446-49200,, "BAR (GRAY:72)",1,,,,,,,,,,,,,,,,,,,,,I
17,1,,172446-49350,, "WASHER 6.3X15X1",10,,,,,,,,,,,,,,,,,,,,,I
18,1,,172444-68650,, CLIP,4,,,,,,,,,,,,,,,,,,,,,I
19,1,,22137-100000,, "WASHER 10, POLISHED",2,,,,,,,,,,,,,,,,,,,,,I
20,1,,22137-120000,, "WASHER 12, POLISHED",4,,,,,,,,,,,,,,,,,,,,,I
21,1,,22217-120000,, "SPRING WASHER",4,,,,,,,,,,,,,,,,,,,,,I
22,1,,24761-050000,, "NIPPLE C, GREASE",2,,,,,,,,,,,,,,,,,,,,,I
23,1,,26013-100202,, "BOLT W/WASHER M10X20",4,,,,,,,,,,,,,,,,,,,,,I
24,1,,26013-100252,, "BOLT W/WASHER M10X25",2,,,,,,,,,,,,,,,,,,,,,I
25,1,,26076-120302,, "BOLT M12X 30",4,,,,,,,,,,,,,,,,,,,,,I
26,1,,26589-060162,, "SCREW M6, BINDING",6,,,,,,,,,,,,,,,,,,,,,I
27,1,,26589-060202,, "SCREW M 6X 20",4,,,,,,,,,,,,,,,,,,,,,I

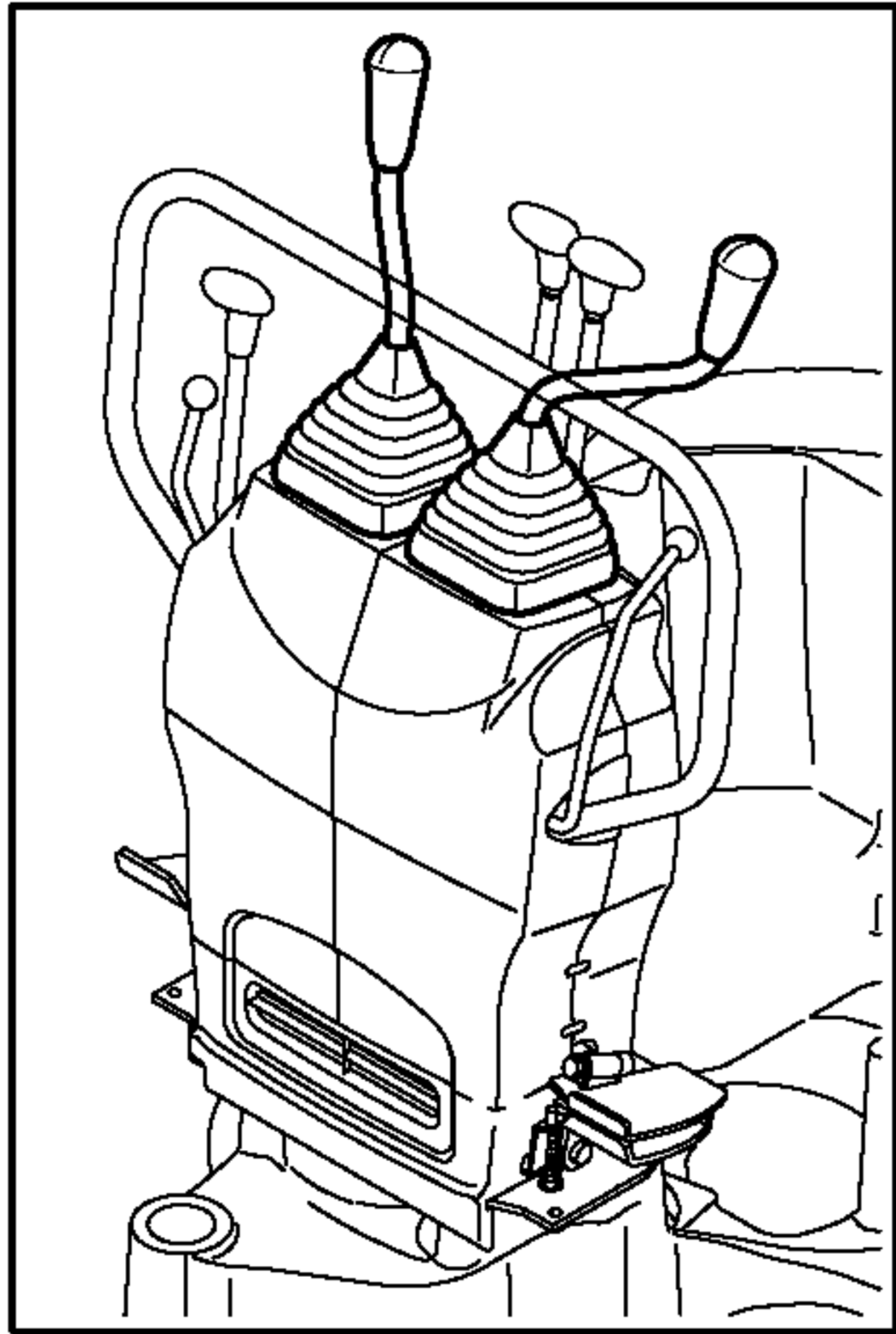
∴NEW
M/#20848~

Previous parts are refer to Fig.15.

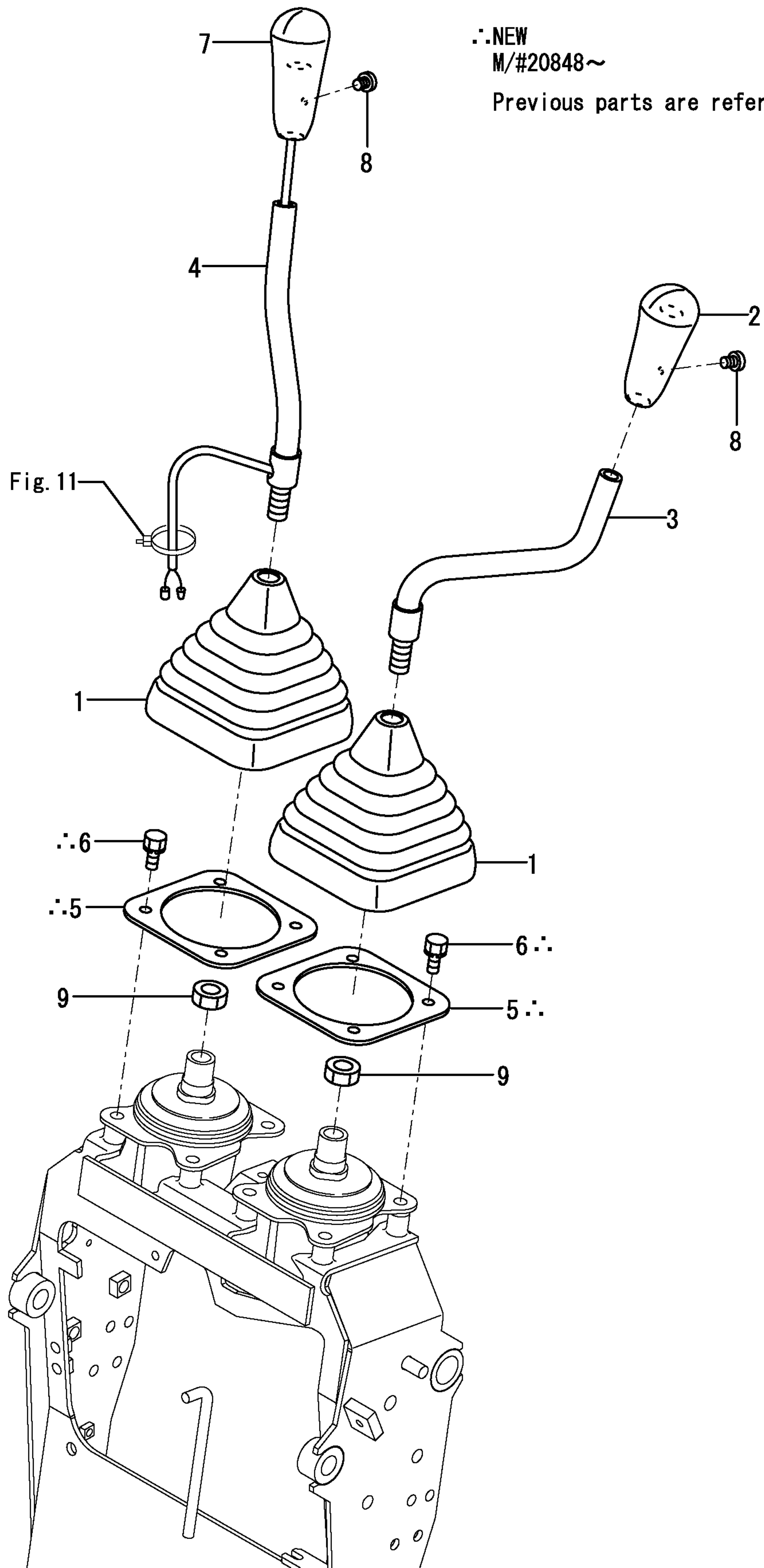


∴MARKED PART HAS BEEN CHANGED (ADDED).

1,1,,172151-45010,, "BOOT P, LEVER",2,,,,,,,,,,,,,,,,,,,,,I
2,1,,172165-45071,, "KNOB (L) ASSY",1,,,,,,,,,,,,,,,,,,,,,I
3,1,,172480-45150,, "LEVER-L (GRAY:72)",1,,,,,,,,,,,,,,,,,,,,,I
4,1,,172480-45170,, "LEVER-R (GRAY:72)",1,,,,,,,,,,,,,,,,,,,,,I
5,1,,172151-45320,, "PLATE, BOOT",2,,,,,,,,,,,,,,,,,,,,,I
6,1,,26013-080162,, "BOLT W/WASHER M8X16",6,,,,,,,,,,,,,,,,,,,,,I
7,1,,172165-47871,, "KNOB (A) ASSY",1,,,,,,,,,,,,,,,,,,,,,I
8,1,,26587-040062,, "SCREW M 4X 6",2,,,,,,,,,,,,,,,,,,,,,I
9,1,,26736-140002,, "NUT M14",2,,,,,,,,,,,,,,,,,,,,,I



REFER TO Fig. 11

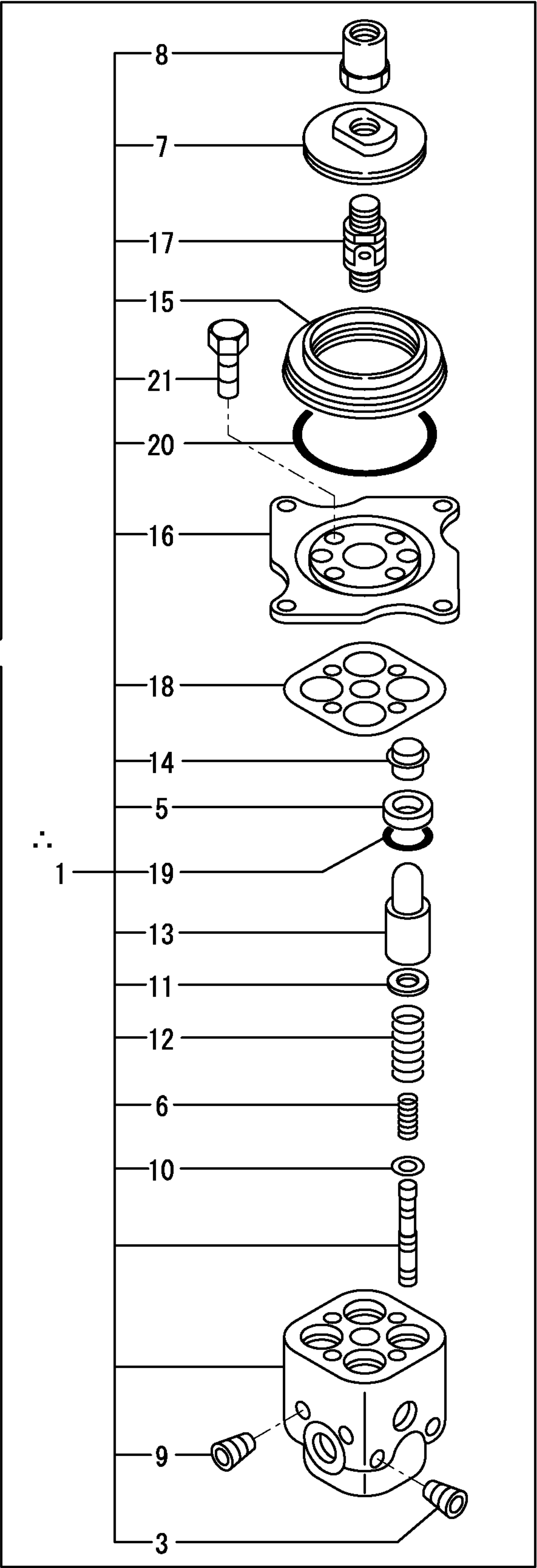
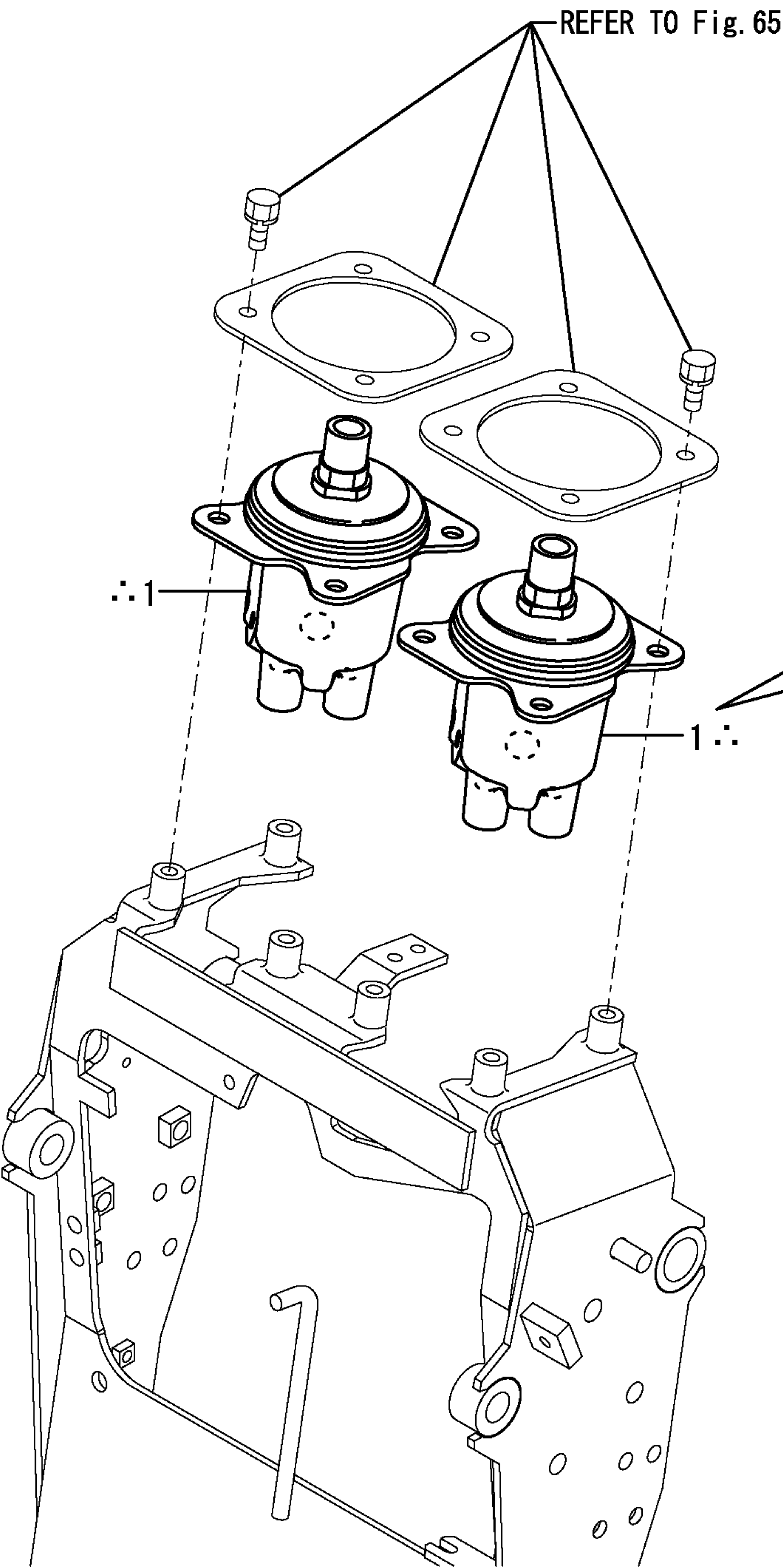


∴NEW
M/#20848~
Previous parts are refer to Fig. 17.

1,1,,172449-74600,, "REMOTE CONTROL VALVE",2,,,,,,,,,,,,,,,,,,,,,I
3,2,,172164-74560,, PLUG,4,,,,,,,,,,,,,,,,,,,,,I
5,2,,172164-74610,, COLLAR,8,,,,,,,,,,,,,,,,,,,,,I
6,2,,172449-74610,, SPRING,8,,,,,,,,,,,,,,,,,,,,,I
7,2,,172164-74620,, DISC,2,,,,,,,,,,,,,,,,,,,,,I
8,2,,172164-74630,, NUT,2,,,,,,,,,,,,,,,,,,,,,I
9,2,,172164-74650,, PLUG,4,,,,,,,,,,,,,,,,,,,,,I
10,2,,172151-74860,, "SHIM(COUNT. SET",8,,,,,,,,,,,,,,,,,,,,,I
11,2,,172151-74880,, RETAINER,8,,,,,,,,,,,,,,,,,,,,,I
12,2,,172151-74890,, "SP (SYN.",8,,,,,,,,,,,,,,,,,,,,,I
13,2,,172151-74900,, PISTON,8,,,,,,,,,,,,,,,,,,,,,I
14,2,,172151-74910,, SEAL,8,,,,,,,,,,,,,,,,,,,,,I
15,2,,172151-74930,, BOOT,2,,,,,,,,,,,,,,,,,,,,,I
16,2,,172151-74940,, PLATE,2,,,,,,,,,,,,,,,,,,,,,I
17,2,,172151-74950,, UNION,2,,,,,,,,,,,,,,,,,,,,,I
18,2,,172151-74980,, PLATE,2,,,,,,,,,,,,,,,,,,,,,I
19,2,,24311-000200,, "O-RING 1A P-20.0",8,,,,,,,,,,,,,,,,,,,,,I
20,2,,24311-000700,, "O-RING 1A P-70.0",2,,,,,,,,,,,,,,,,,,,,,I
21,2,,26116-060202,, "BOLT M 6X 20",8,,,,,,,,,,,,,,,,,,,,,I

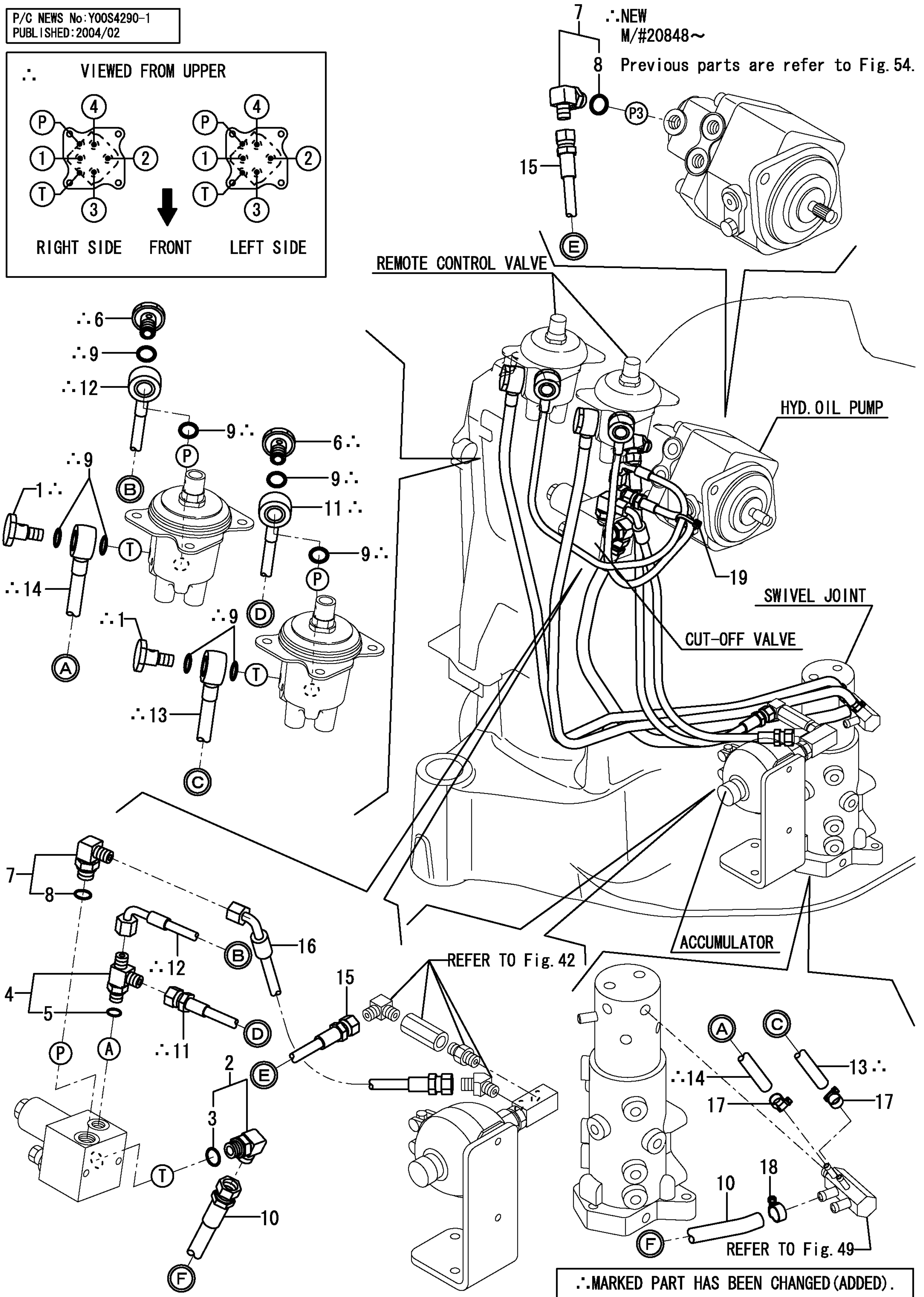
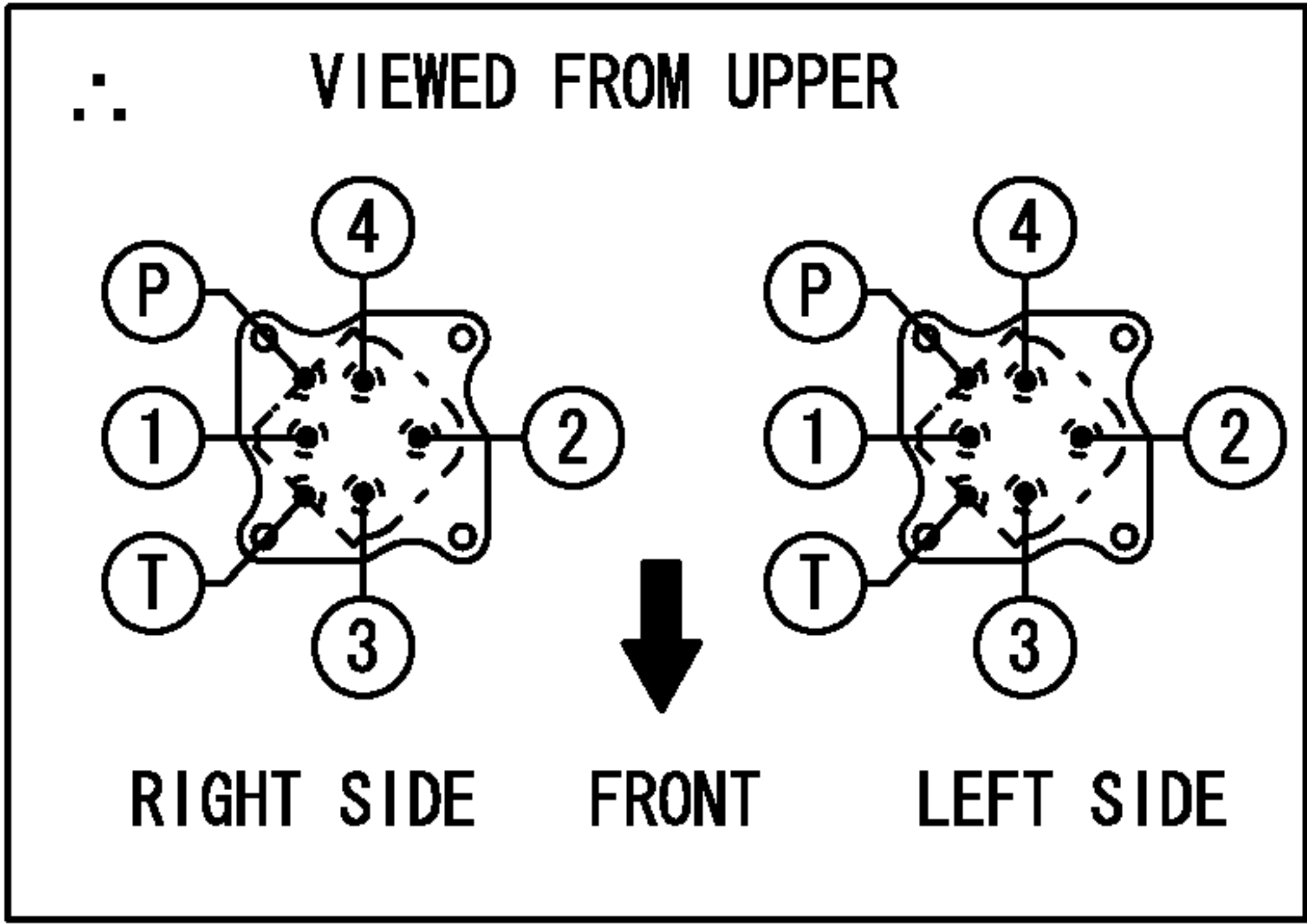
∴NEW
M/#20848~

Previous parts are refer to Fig. 43.



∴.MARKED PART HAS BEEN CHANGED (ADDED) .

1,1,,172151-76040,, "BOLT, PIPE JOINT",2,,,,,,,,,,,,,I
2,1,,172142-76181,, "JOINT 90-3/8 ASSY",1,,,,,,,,,,,,,I
3,2,,24315-000140,, "O-RING 1B P-14.0",1,,,,,,,,,,,,,I
4,1,,172162-76180,, "JOINT 3-1/4 COMPL.",1,,,,,,,,,,,,,I
5,2,,24315-000110,, "O-RING 1B P-11.0",1,,,,,,,,,,,,,I
6,1,,172151-76030,, "BOLT, PIPE JOINT",2,,,,,,,,,,,,,I
7,1,,172141-76920,, "CONNECTOR 3/8-1/4L",2,,,,,,,,,,,,,I
8,2,,24315-000140,, "O-RING 1B P-14.0",2,,,,,,,,,,,,,I
9,1,,24315-000180,, "O-RING 1B P-18.0",8,,,,,,,,,,,,,I
10,1,,172480-78670,, "HOSE G806BY061",1,,,,,,,,,,,,,I
11,1,,172480-79330,, "HOSE G603BB044",1,,,,,,,,,,,,,I
12,1,,172480-79310,, "HOSE F403BC057",1,,,,,,,,,,,,,I
13,1,,172480-79300,, "HOSE G804BY092",1,,,,,,,,,,,,,I
14,1,,172480-79320,, "HOSE G804EY093",1,,,,,,,,,,,,,I
15,1,,172480-79230,, "HOSE, P404BB092K",1,,,,,,,,,,,,,I
16,1,,172480-79240,, "HOSE, P404BC054",1,,,,,,,,,,,,,I
17,1,,23000-013000,, "CLAMP 13",2,,,,,,,,,,,,,I
18,1,,23001-016000,, "HOSE CLAMP 16",1,,,,,,,,,,,,,I
19,1,,933168-55770,, "BAND 146",1,,,,,,,,,,,,,I

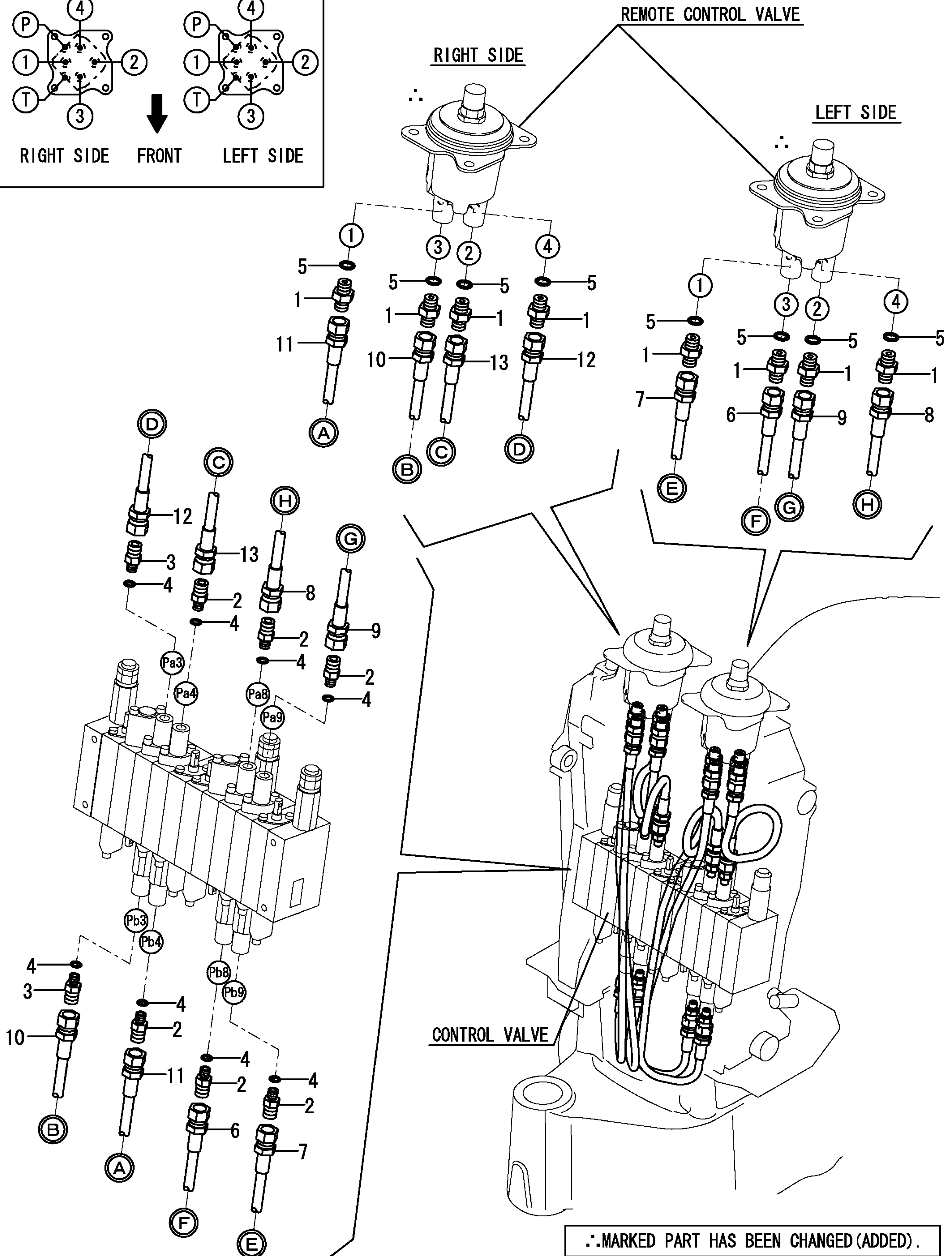
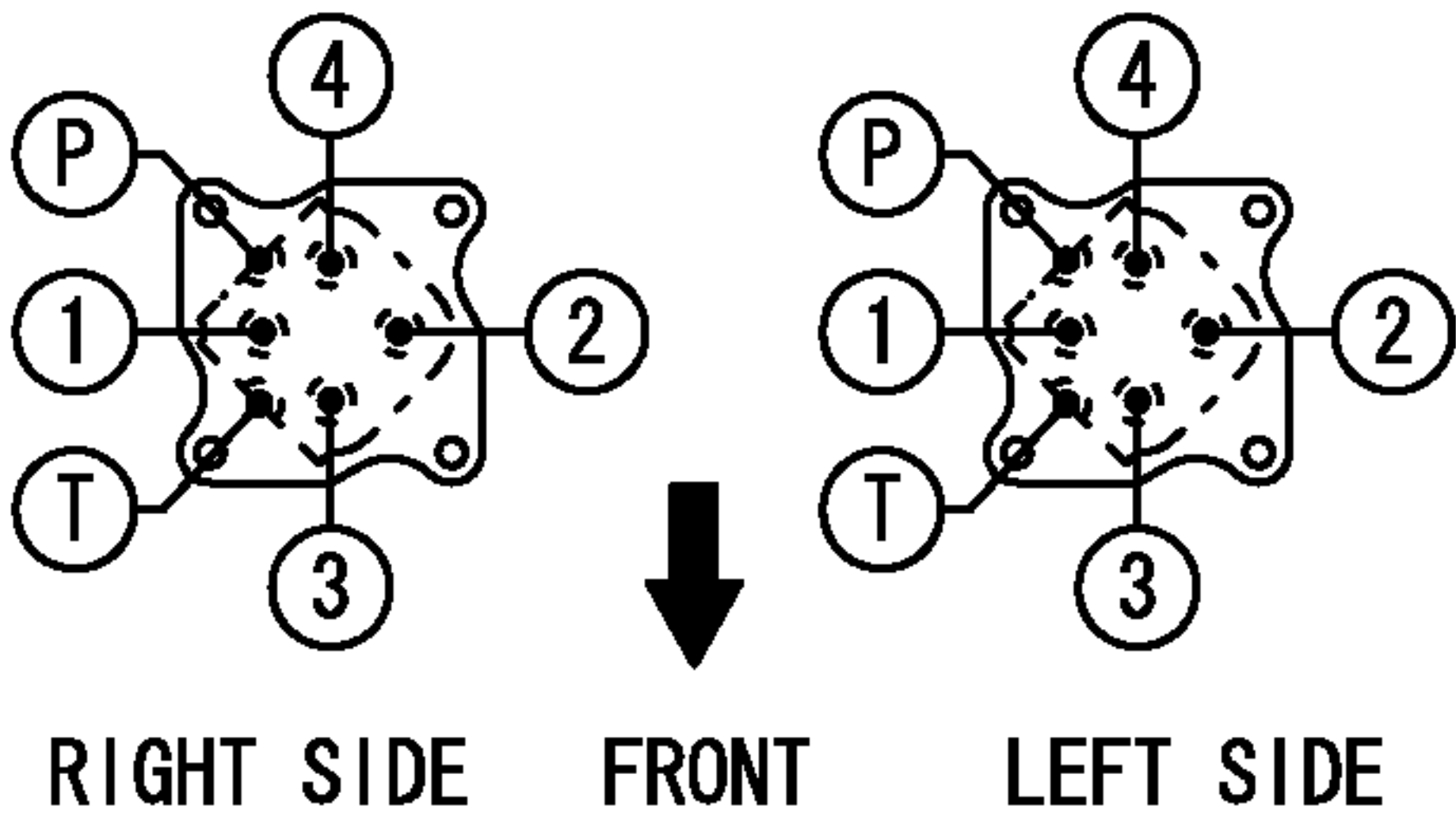


1,1,,172123-76121,, "JOINT PF1/4",8,,,,,,,,,,,,,,,,,,,,,I
2,1,,172447-76210,, "JOINT G1/8-G1/4",6,,,,,,,,,,,,,,,,,,,,,I
3,1,,172480-76230,, "CONNECTOR 0.8",2,,,,,,,,,,,,,,,,,,,,,I
4,1,,24315-000080,, "O-RING 1B P-8.0",8,,,,,,,,,,,,,,,,,,,,,I
5,1,,24315-000110,, "O-RING 1B P-11.0",8,,,,,,,,,,,,,,,,,,,,,I
6,1,,172480-78730,, "HOSE F403BB059",1,,,,,,,,,,,,,,,,,,,,,I
7,1,,172480-78740,, "HOSE F403BB061",1,,,,,,,,,,,,,,,,,,,,,I
8,1,,172480-78750,, "HOSE G603BB026",1,,,,,,,,,,,,,,,,,,,,,I
9,1,,172480-78760,, "HOSE G603BB026",1,,,,,,,,,,,,,,,,,,,,,I
10,1,,172480-78770,, "HOSE F403BB061",1,,,,,,,,,,,,,,,,,,,,,I
11,1,,172480-78780,, "HOSE F403BB059",1,,,,,,,,,,,,,,,,,,,,,I
12,1,,172480-78790,, "HOSE G603BB026",1,,,,,,,,,,,,,,,,,,,,,I
13,1,,172480-78800,, "HOSE G603BB026",1,,,,,,,,,,,,,,,,,,,,,I

∴NEW
M/#20848~

Previous parts are refer to Fig. 55.

∴ VIEWED FROM UPPER



[Info]

PcNo=Y00S4290

PcName=VI010-2(EP)

JpnUse=0

JpnSec1=

JpnSec2=

JpnSec3=

JpnPreface=0

EngUse=1

EngSec1=CONSTRUCTION

EngSec2=EXCAVATOR (Vi0)

EngSec3=VI0

EngPreface=1