

PREFACE

1. This parts catalog is the last edition of Yanmar crawler backhoe, B50 & B50-1 for Europe.

2. Parts catalog history

	Parts catalog No.	Published	Remarks
First edition	000Y00S3090	July, 1990	Scrap old edition
Last edition	000Y00S3091	February, 1995	

3. Model Name

SECTION	Model	Manufactured	Machine No.
I (Vehicle)	B50	90/8~91/4	01278~02011
	B50-1	91/4~92/4	10504~11920
II (Engine)	4TN84L - RBD	90/7~92/4	02641~12912

4. Model Code

Model	Model Code
B50C(EP	172151E
B50CR(EP	172151F
B50C OPTION(EP	172151I
4TN84L - RBD	129432D

5. Paint Color

Paint Color	Munsel No.	Paint Code (16 l)	Spray
YANMAR Saffron Yellow	1.0Y7.5/11	933110 - 91603	977620 - 30381
YANMAR Cream White	5.0Y9/1	981101 - 09614	981101 - 10140
YANMAR Charcoal Gray	N2	981101 - 09516	977620 - 30371

6. 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, the contents of Parts catalog may be altered with prior notice.

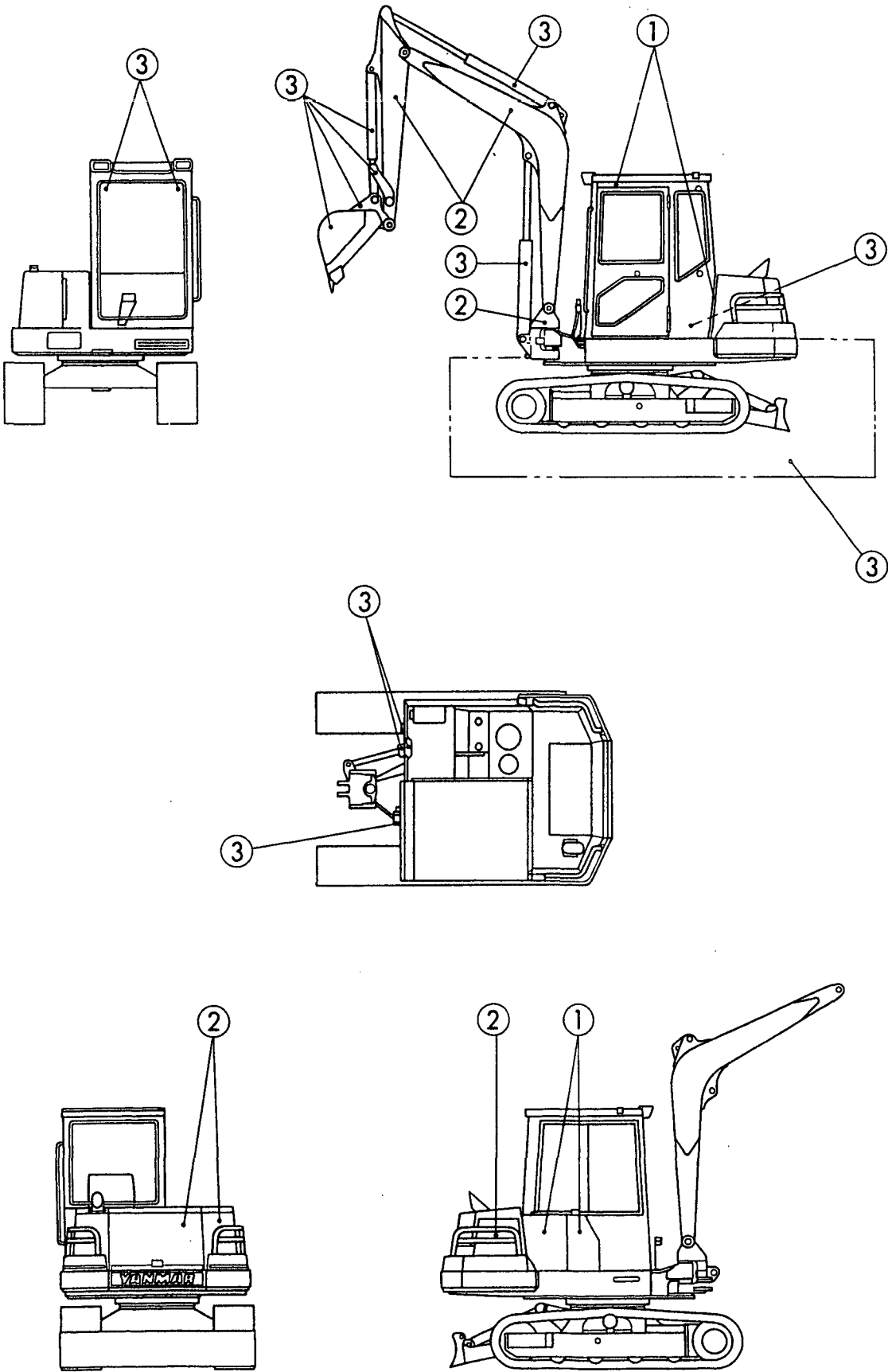
Be sure to use Yanmer Genuine Parts in your maintenance servicing of Yanmar products. Be careful not to use the simple parts available in the market ; otherwise their use in repairing causes such as an early breakage, for instance.

SPECIFICATIONS

Name			YANMAR CRAWLER BACKHOE
Model			B50 - C[R]
Engine	Model		4TN84L - RBD
	Type		Vertical 4 - cylinder water - cooled diesel
Dimensions	Transport length	mm	5550
	Transport width	mm	1840
	Transport height	mm	2440
Std. bucket capacity		m ³	0.14(Mini0.24)
Std. bucket width(Outside)		mm	650
Max. digging depth		mm	3600(3800Blade)
Max. cutting height		mm	5100
Max. dump height		mm	3550
Max. reach at ground level		mm	5700
Min. turning radius		mm	2450(Swing1900)
Boom swing angle		degree	Left 50 • Right 90
Max. digging force(Std. bucket)		kgf	3300
Travel speed(high/low)		km/h	4.3[4.5]/2.2[2.3]
Gradability		degree	30
Average ground pressure		kgf/cm ²	0.29[0.28]
Track shoe width(Std.)		mm	380[400]
Blade	Width × height	mm	1840 × 350
	Capacity	m ³	0.22
Machine mass		kg	4300

[] shows to the specification of rubber crawler.

TABLE OF PAINTED COLOR



[Vehicle Painted Color]

Part	Paint Color Munsel No.	Color Division	Paint No.		
			16ℓ Can	4ℓ Can	Spray
①	YANMAR Cream White 5.0Y9/1	40	981101-09614	-----	981101-10140
②	YANMAR Saffron Yellow 1.0Y7.5/11	70	933110-91603	-----	977620-30381
③	YANMAR Charcoal Gray N2.0	71	981101-09516	977620-40710	977620-30371

[Kind of Painted Color]

No.	Part Code	Paint Color
1	○○○○○○○-○○○○○	YANMAR Cream White
2	○○○○○○○-○○○○○	YANMAR Saffron Yellow
3	○○○○○○○-○○○○○	YANMAR Charcoal Gray

[Effective Machine No.]

00501~02040 (Early Type)

10501~ (— 1)

PICTURESQUE INDEX

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CABIN... FIG.28

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TURNING DRIVING GEARS... FIG.24

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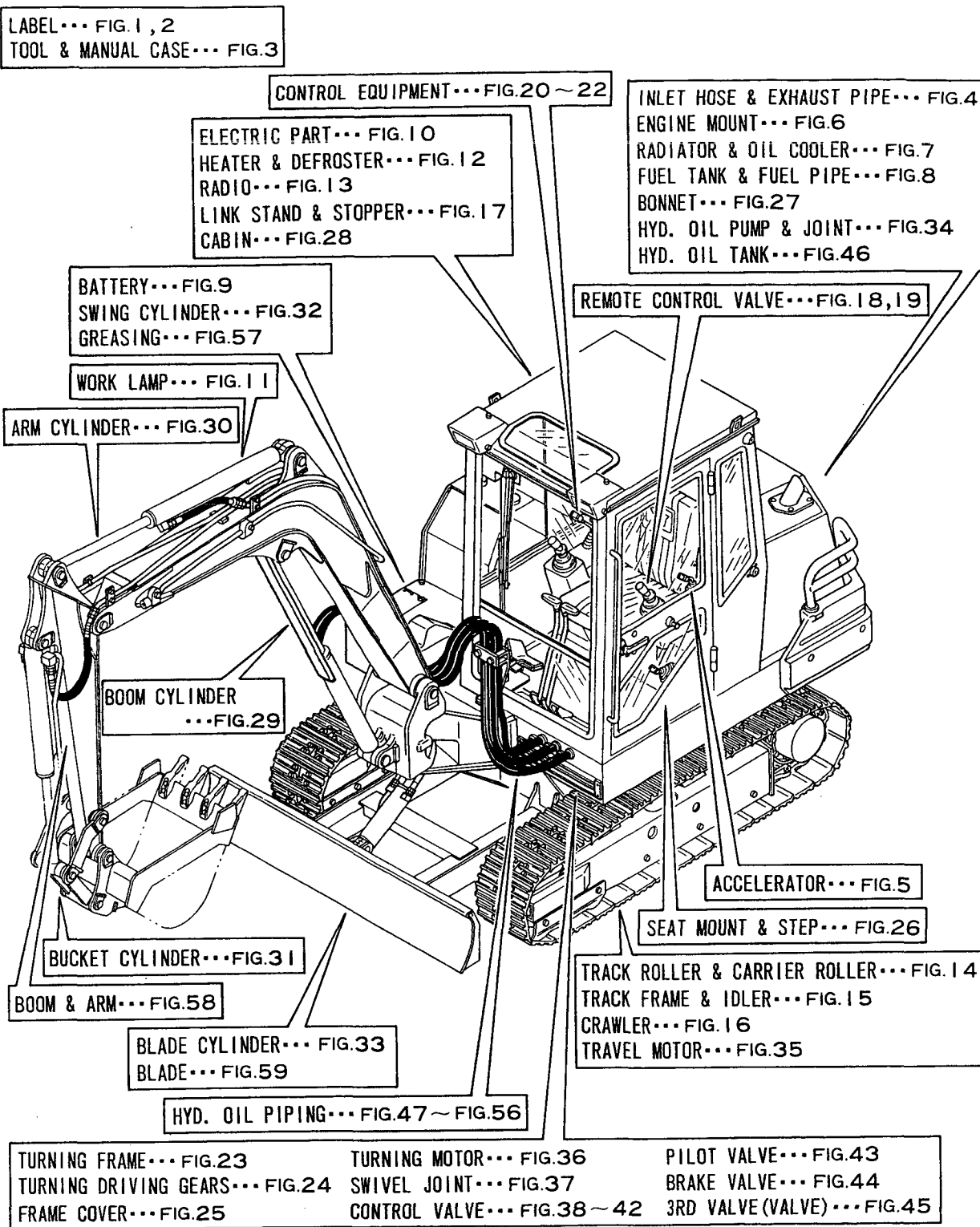
SWIVEL JOINT... FIG.37

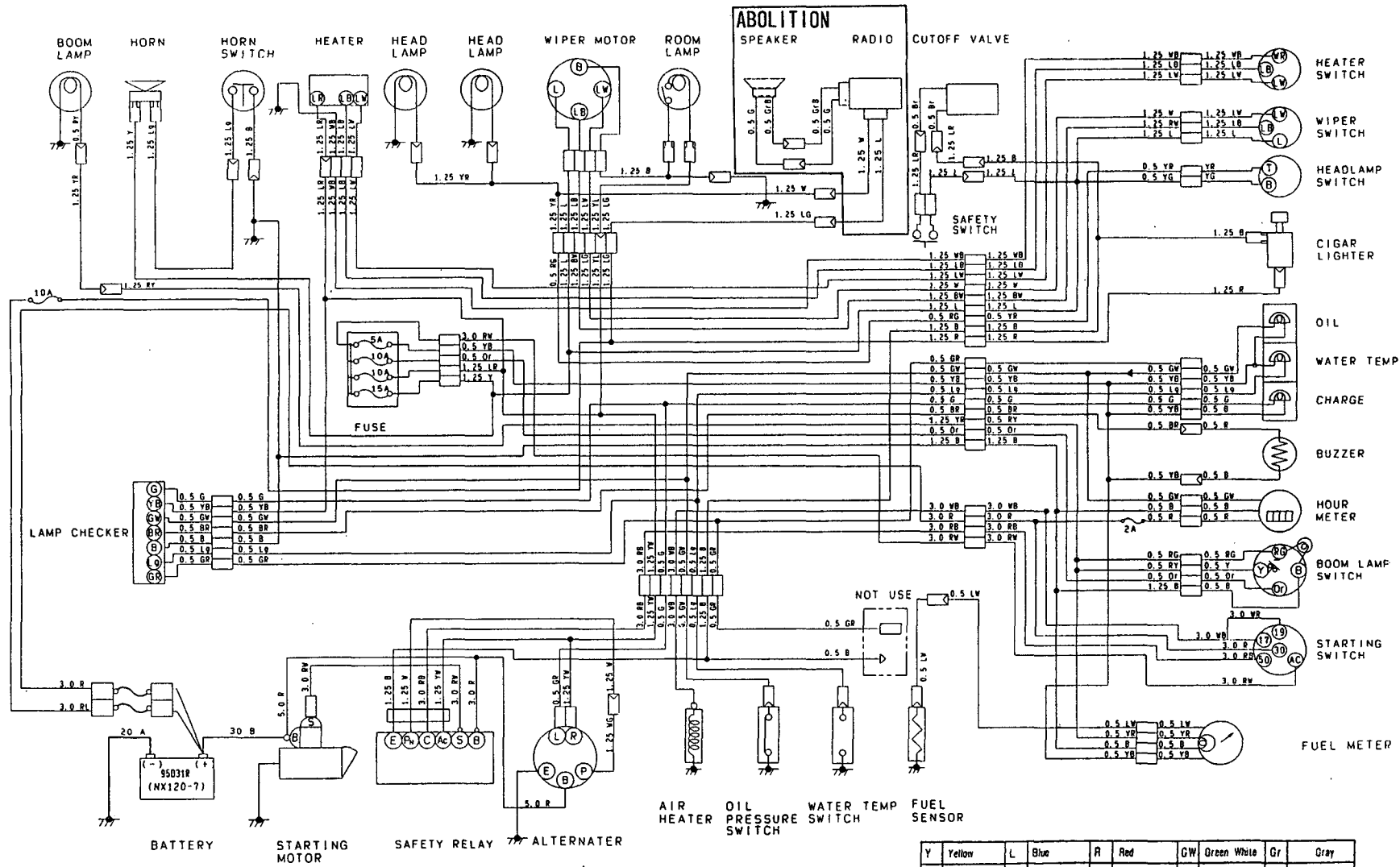
CONTROL VALVE... FIG.38 ~ 42

PILOT VALVE... FIG.43

BRAKE VALVE... FIG.44

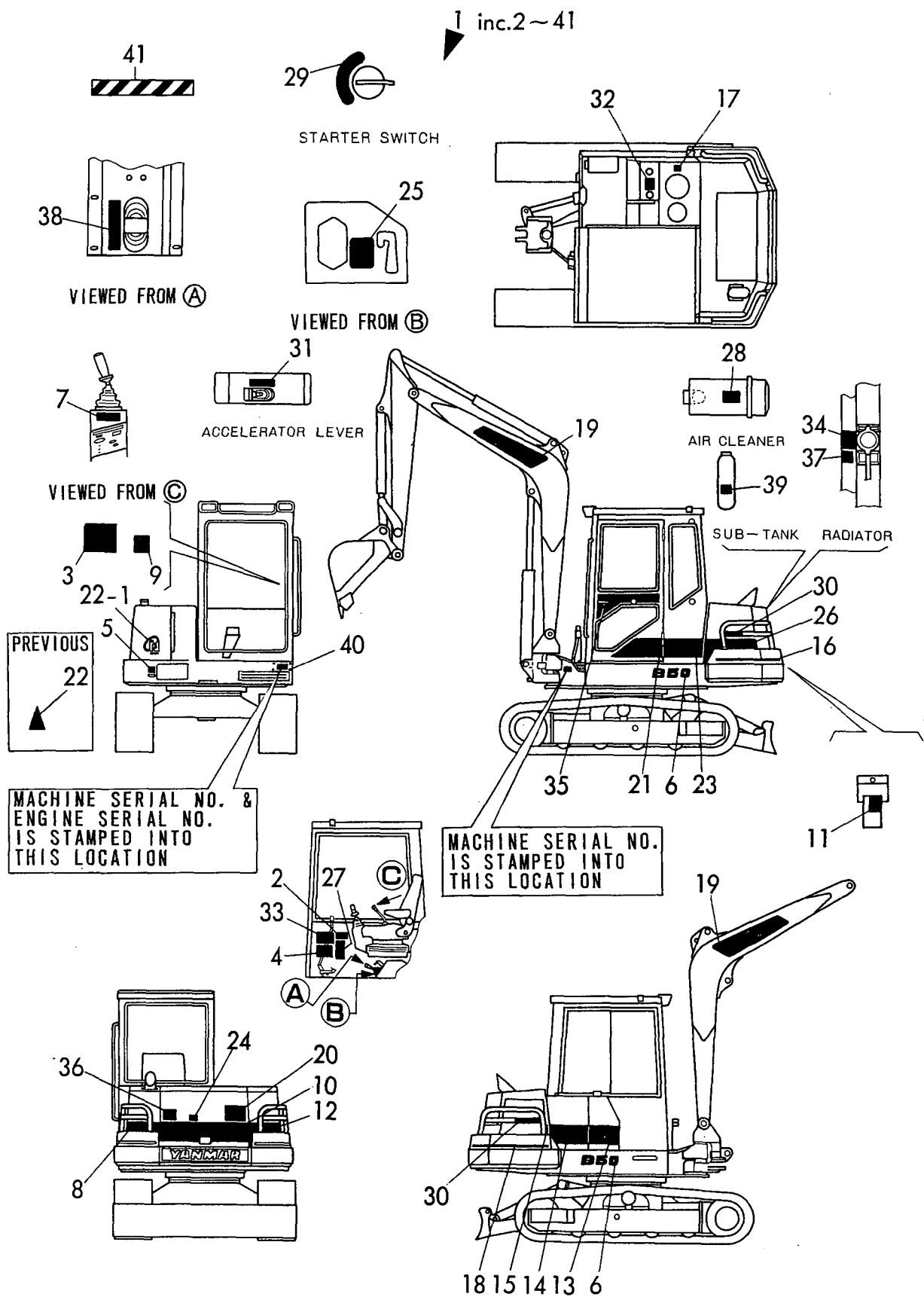
3RD VALVE (VALVE)... FIG.45





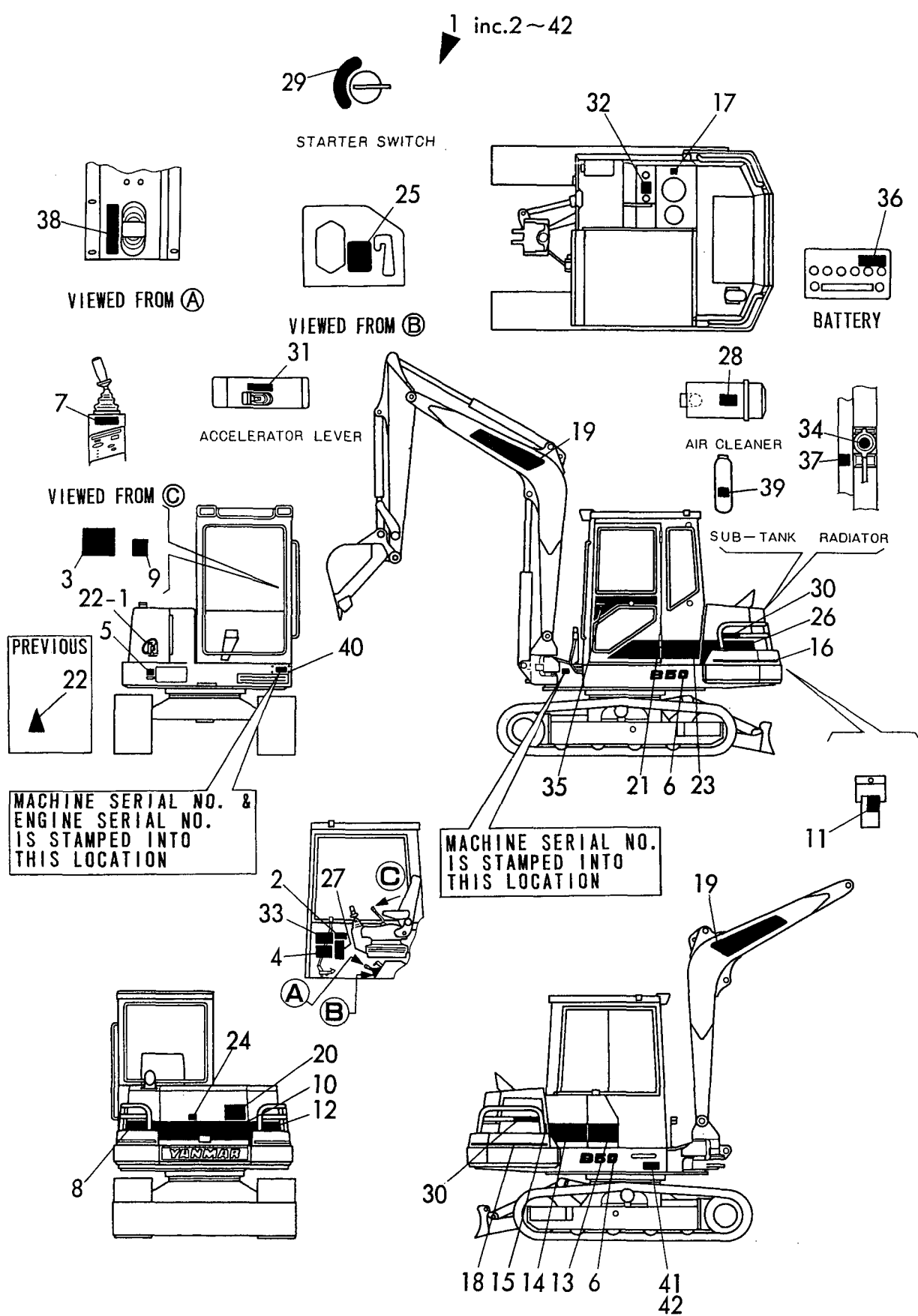
Y Yellow	L Blue	R Red	GW Green White	Gr Gray
YB Yellow Black	LW Blue White	RY Red Yellow	GR Green Red	Or Orang
YR Yellow Red	LR Blue Red	RW Red White	B Black	Br Brown
YL Yellow Blue	LB Blue Red	RB Red Black	BR Black Red	
W White	LG Blue Green	RG Red Green	BW Black White	
WB White Black	Ly Young Leaves	G Green	GB Gray Black	

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16,2,,172151-03240,, LABEL,1,,,,,
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19-1,2,,172151-03451,, "LABEL, BOOM",2,,,,,N,,72143022,M01564,,,,,I
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28,2,,933112-54300,, "LABEL, AIR CLEANER",1,,,,,
29,2,,172141-03360,, "LABEL, START SWITCH",1,,,,,
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34,2,,933112-55800,, "LABEL, RADIATOR",1,,,,,
35,2,,172135-03220,, "LABEL, CAB.DOOR",1,,,,,
36,2,,933112-45400,, "LABEL, DANGER (B)",1,,,,,
37,2,,933112-55900,, "LABEL, ANTI-FREEZING",1,,,,,
38,2,,172141-03210,, "LABEL, SELECT",1,,,,,
39,2,,121470-44540,, "LABEL, SUB-TANK",1,,,,,M,,,,,
39-1,2,,933112-55700,, "LABEL, SUB-TANK",1,,,,,I
40,2,,22857-300050,, "SCREW 3X 5",4,,,,,
41,2,,933112-45500,, "LABEL, CAUTION",1,,,,,



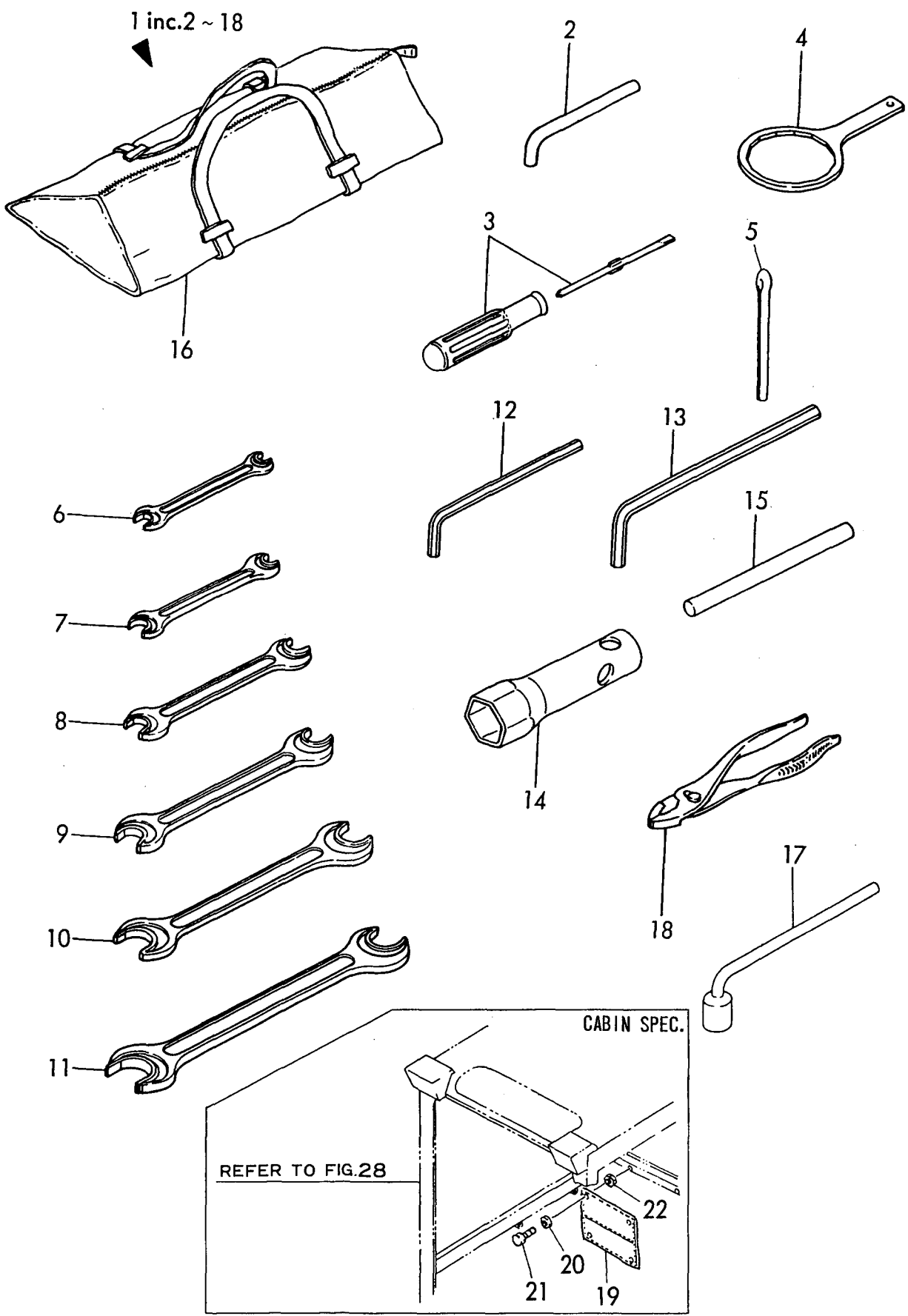
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25,2,,172137-03300,, "LABEL, TURNING LOCK",1,,,,,,,,,,,,,
26,2,,172151-03300,, LABEL,1,,,,,,,,,,,,,
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28,2,,172125-03950,, "LABEL, AIR CLEANER",1,,,,,,,,,,,,,
29,2,,172141-03360,, "LABEL, START SWITCH",1,,,,,,,,,,,,,
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41,2,,194340-65580,, LABEL,1,,,,,,,,,,,,,
42,2,,22857-300050,, "SCREW 3X 5",4,,,,,,,,,,,,,

Fig. 2 LABEL (CABIN) (ENGLISH) <https://truckmanualshub.com/>



1,1,,772151-05110,, "TOOL SET",1,,,,,,,,,,,,,,,,,
2,2,,172112-38111,, "PIN, COTTER",2,,,,,,,,,,,,,,,,,
3,2,,104200-92350,, "DRIVER, SCREW",1,,,,,,,,,,,,,,,,,
4,2,,171301-92750,, "WRENCH, L.O. FILTER",1,,,,,,,,,,,,,,,,,
5,2,,22417-800630,, "COTTER PIN 8.0X63",4,,,,,,,,,,,,,,,,,
6,2,,28110-080100,, "WRENCH 8X10",1,,,,,,,,,,,,,,,,,
7,2,,28110-120140,, "WRENCH 12X14",1,,,,,,,,,,,,,,,,,
8,2,,28110-170190,, "WRENCH 17X19",1,,,,,,,,,,,,,,,,,
9,2,,28110-220240,, "WRENCH 22X24",1,,,,,,,,,,,,,,,,,
10,2,,28110-270300,, "WRENCH 27X30",1,,,,,,,,,,,,,,,,,
11,2,,28110-320360,, "WRENCH 32X36",1,,,,,,,,,,,,,,,,,
12,2,,28150-080000,, "BAR WRENCH 8",1,,,,,,,,,,,,,,,,,
13,2,,28150-140000,, "BAR WRENCH 14",1,,,,,,,,,,,,,,,,,
14,2,,28227-271400,, "BOX WRENCH 27X140",1,,,,,,,,,,,,,,,,,
15,2,,28230-120250,, "TURNING HANDLE",1,,,,,,,,,,,,,,,,,
16,2,,933110-90000,, "BAG, TOOL",1,,,,,,,,,,,,,,,,,
17,2,,933110-90600,, "WRENCH 24, SOCKET",1,,,,,,,,,,,,,,,,,
18,2,,933171-00470,, "PLIER (200)",1,,,,,,,,,,,,,,,,,
19,1,,172119-68600,, BUCK,1,,,,,,1,,,,,,,,,
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21,1,,26116-080202,, "BOLT M 8X 20 PLATED",2,,,,,,1,,,,,,,,,
22,1,,26716-080002,, "NUT M 8",2,,,,,,1,,,,,,,,,

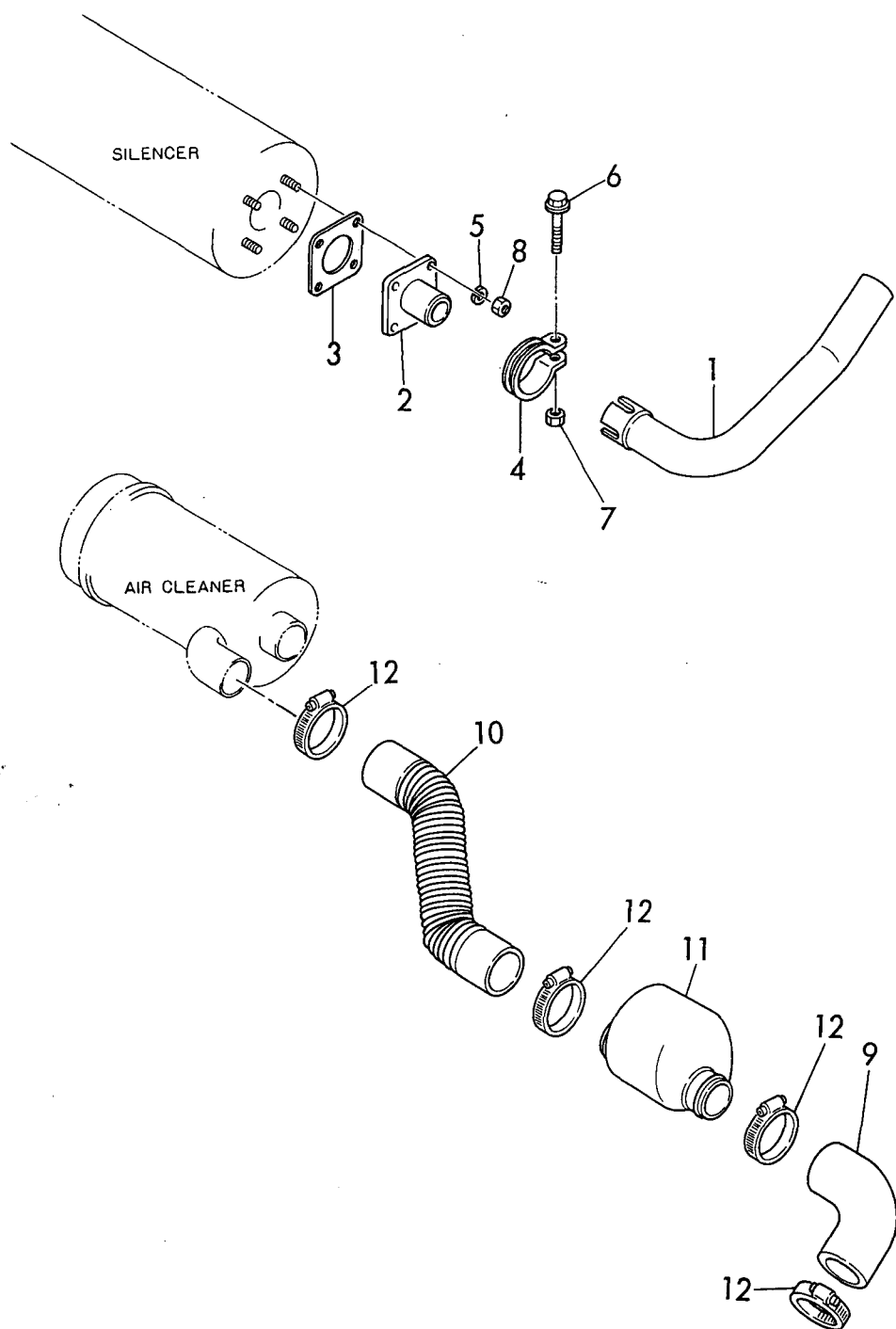
Fig. **3** TOOL & MANUAL CASE <https://truckmanualshub.com/>



1,1,,172151-11301,, "PIPE, EXHAUST",1,,,,,,,,,,,,,
2,1,,172151-11311,, "FLANGE, MUFFLER",1,,,,,,,,,,,,,
3,1,,129400-13200,, "GASKET, SILENCER",1,,,,,,,,,,,,,
3-1,1,,129400-13201,, "GASKET, (NON-ASB.)",1,,,,,N,, TE-90034,MXXX,,,,,,,,, I
4,1,,121120-13580,, CLAMP,1,,,,,,,,,,,,,
5,1,,22217-080000,, "SPRING WASHER 8",4,,,,,,,,,,,,,
6,1,,26106-100652,, "BOLT M10X 65 PLATED",1,,,,,,,,,,,,,
7,1,,26706-100002,, "NUT M10",1,,,,,,,,,,,,,
8,1,,26716-080002,, "NUT M 8",4,,,,,,,,,,,,,
9,1,,172151-11530,, "HOSE, AIR INTAKE",1,,,,,,,,,,,,,
10,1,,172151-11520,, "HOSE, AIR INTAKE",1,,,,,,,,,,,,,
11,1,,121855-12060,, "SILENCER, INLET",1,,,,,,,,,,,,,
12,1,,23000-070000,, "CLAMP 70",4,,,,,,,,,,,,,

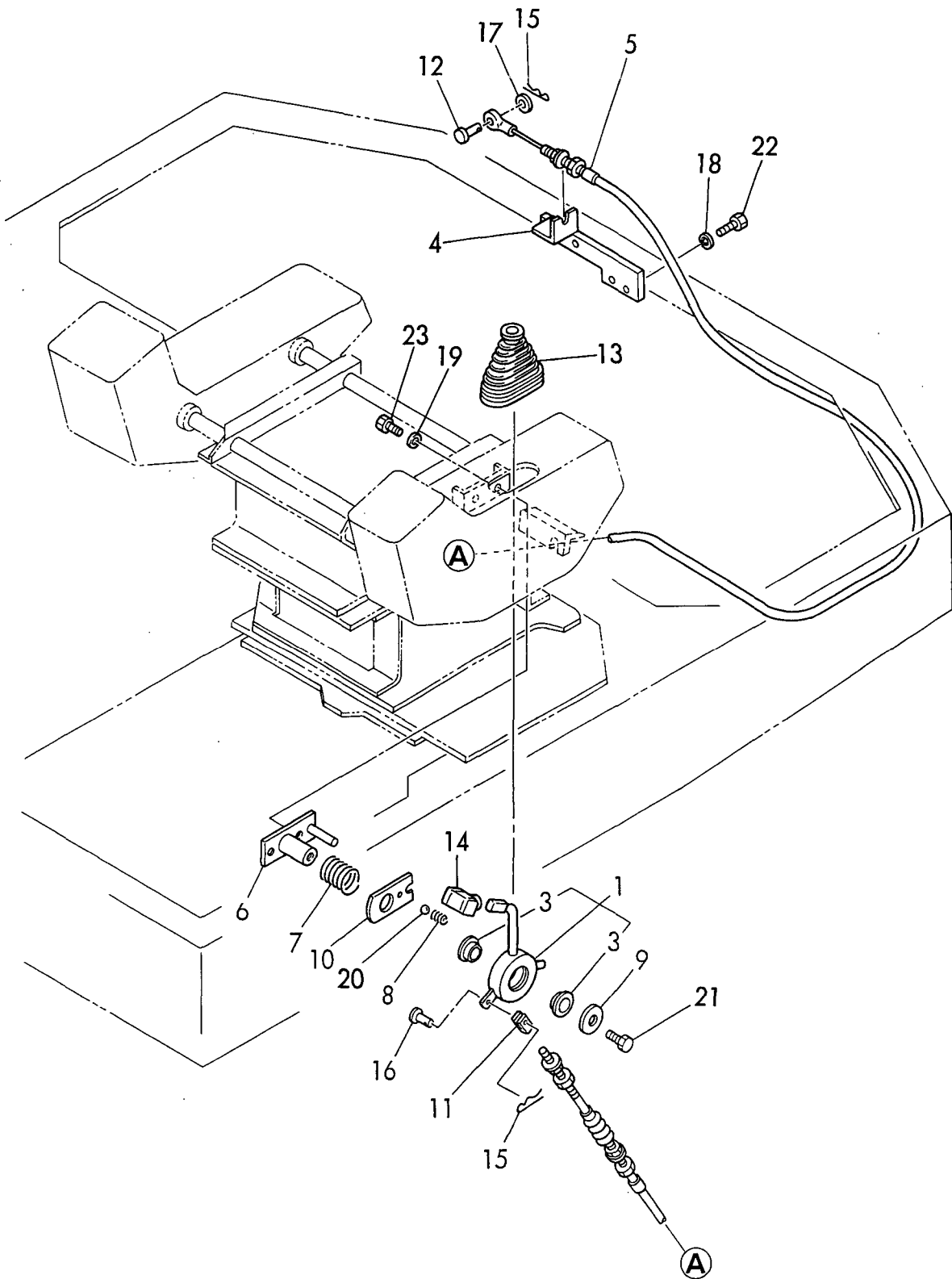
Fig. **4** INLET HOSE & EXHAUST PIPE

<https://truckmanualshub.com/>



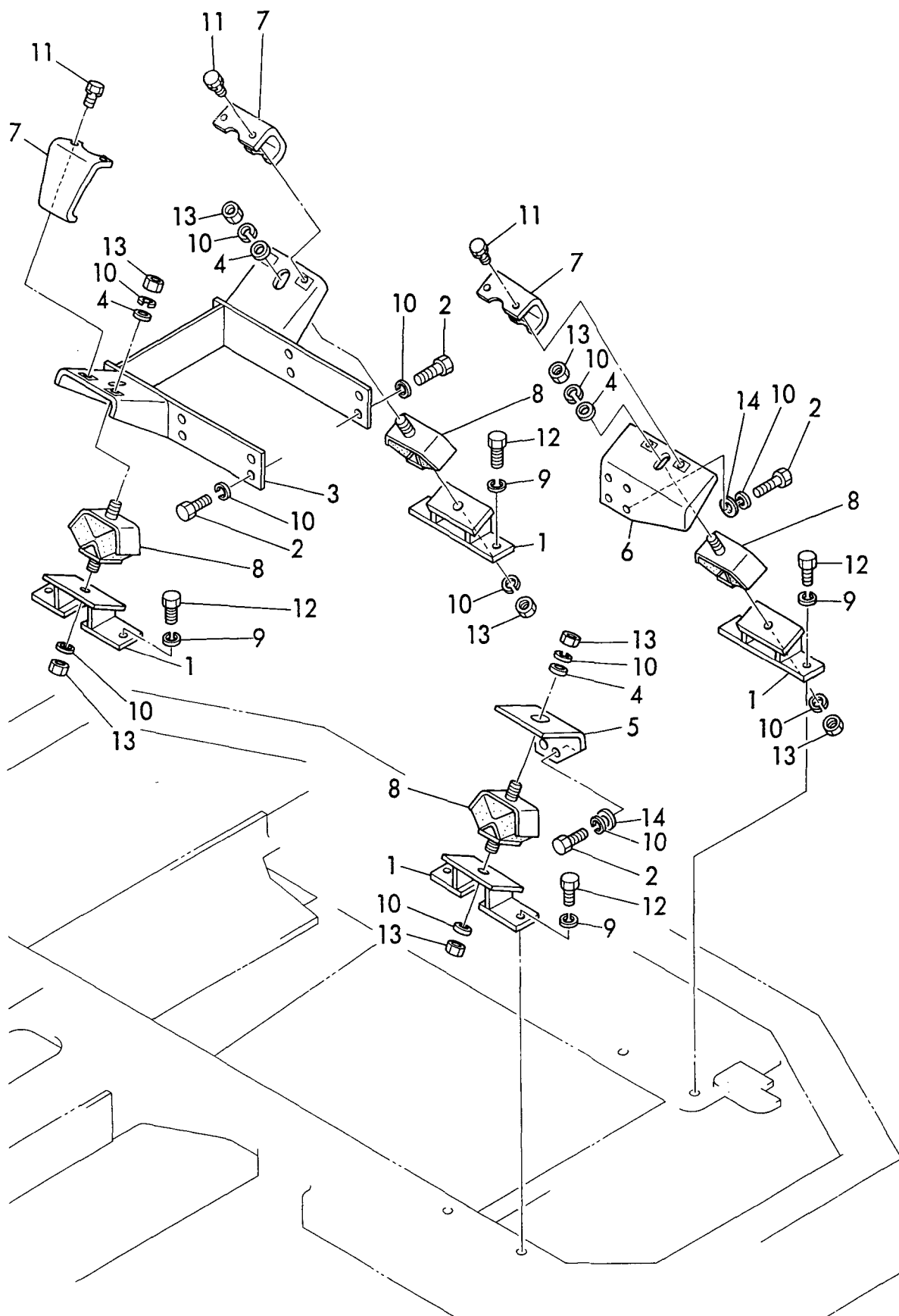
1,1,,172151-12150,, "LEVER W/BUSH, ACCEL",1,,,,,,,,,,,,,
3,2,,172141-12220,, "BUSH 30X10",2,,,,,,,,,,,,,
4,1,,172147-12100,, SUPPORT,1,,,,,,,,,,,,,
5,1,,172151-12130,, "WIRE, ACCELERATOR",1,,,,,,,,,,,,,
6,1,,172141-12160,, BRACKET,1,,,,,,,,,,,,,
7,1,,172141-12232,, SPRING,1,,,,,,,,,,,,,
8,1,,172141-12240,, SPRING,1,,,,,,,,,,,,,
9,1,,172141-12250,, PLATE,1,,,,,,,,,,,,,
10,1,,172151-12180,, PLATE,1,,,,,,,,,,,,,
11,1,,172137-12270,, "JOINT, CABLE",1,,,,,,,,,,,,,
12,1,,172113-12521,, "PIN, CABLE",1,,,,,,,,,,,,,
13,1,,172141-41340,, BOOTS,1,,,,,,,,,,,,,
14,1,,172122-46630,, "KNOB(D), LEVER",1,,,,,,,,,,,,,
15,1,,1C6281-52310,, "PIN 6, COME-OFF SNAP",2,,,,,,,,,,,,,
16,1,,1A1040-56900,, "PIN 6X 17",1,,,,,,,,,,,,,
17,1,,22137-060000,, "WASHER 6, POLISHED",1,,,,,,,,,,,,,
18,1,,22217-080000,, "SPRING WASHER 8",2,,,,,,,,,,,,,
19,1,,22217-100000,, "SPRING WASHER 10",2,,,,,,,,,,,,,
20,1,,24190-160001,, "BALL 1/2",1,,,,,,,,,,,,,
21,1,,26013-100302,, "BOLT M10X 30",1,,,,,,,,,,,,,
22,1,,26116-080202,, "BOLT M 8X 20 PLATED",2,,,,,,,,,,,,,
23,1,,26116-100202,, "BOLT M10X 20 PLATED",2,,,,,,,,,,,,,

Fig. **5** ACCELERATOR <https://truckmanualshub.com/>



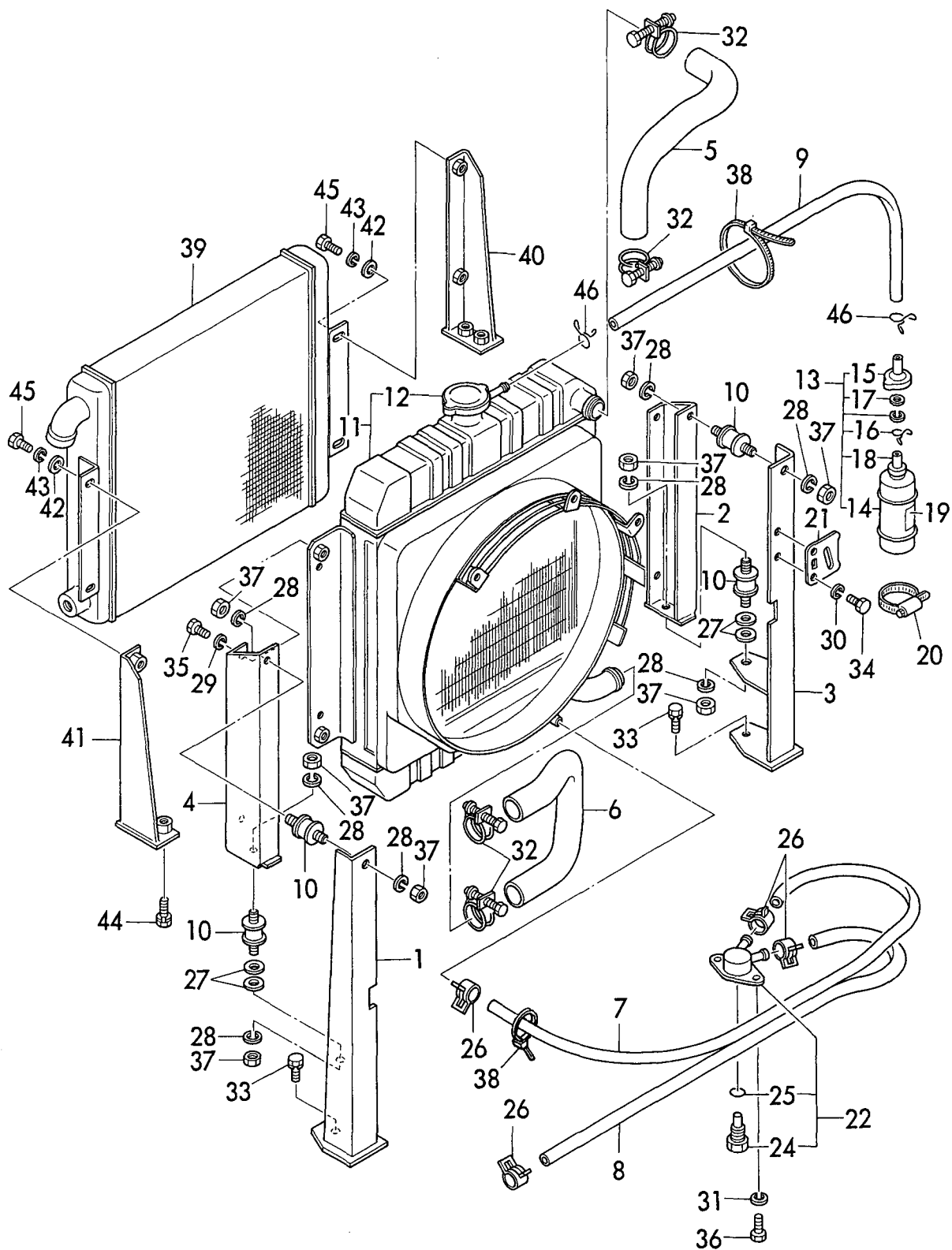
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13,1,,26716-120002,, "NUT M12",8,,,,,,,,,,,,,,,,,
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Fig. 6 ENGINE MOUNT <https://truckmanualshub.com/>



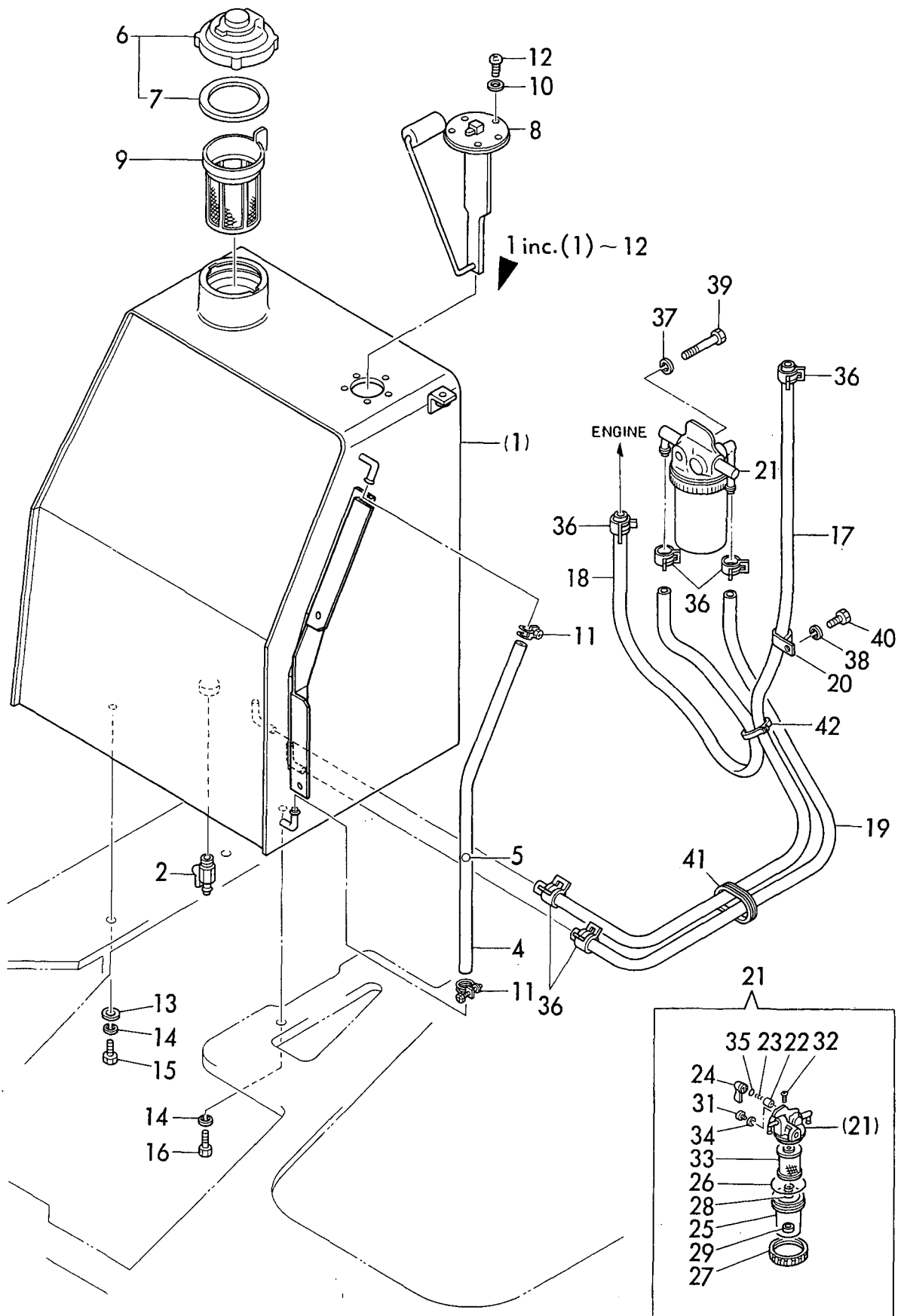
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6,1,,172151-13360,,HOSE(B),1,,,,,,,,,,,,,
7,1,,172151-13370,,PIPE,1,,,,,,,,,,,,,
8,1,,172151-13380,,PIPE,1,,,,,,,,,,,,,
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14,2,,171064-44520,, "BODY, SUB-TANK",1,,,,,,,,,,,,,
15,2,,121450-44531,,CAP,1,,,,,,,,,,,,,
16,2,,124450-44560,,CLAMP,1,,,,,,,,,,,,,
17,2,,121470-44581,,GASKET,1,,,,,,,,,,,,,
18,2,,23065-070225,, "PIPE 7X 225",1,,,,,,,,,,,,,
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24,2,,121250-49121,,PLUG,1,,,,,,,,,,,,,
25,2,,24311-000160,, "O-RING 1A P-16.0",1,,,,,,,,,,,,,
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41,1,,172151-74820,, "STAY(R), COOLER",1,,,,,,,,,,,,,
42,1,,22137-080000,, "WASHER 8, POLISHED",4,,,,,,,,,,,,,
43,1,,22217-080000,, "SPRING WASHER 8",4,,,,,,,,,,,,,
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Fig. **7** RADIATOR & OIL COOLER <https://truckmanualshub.com/>

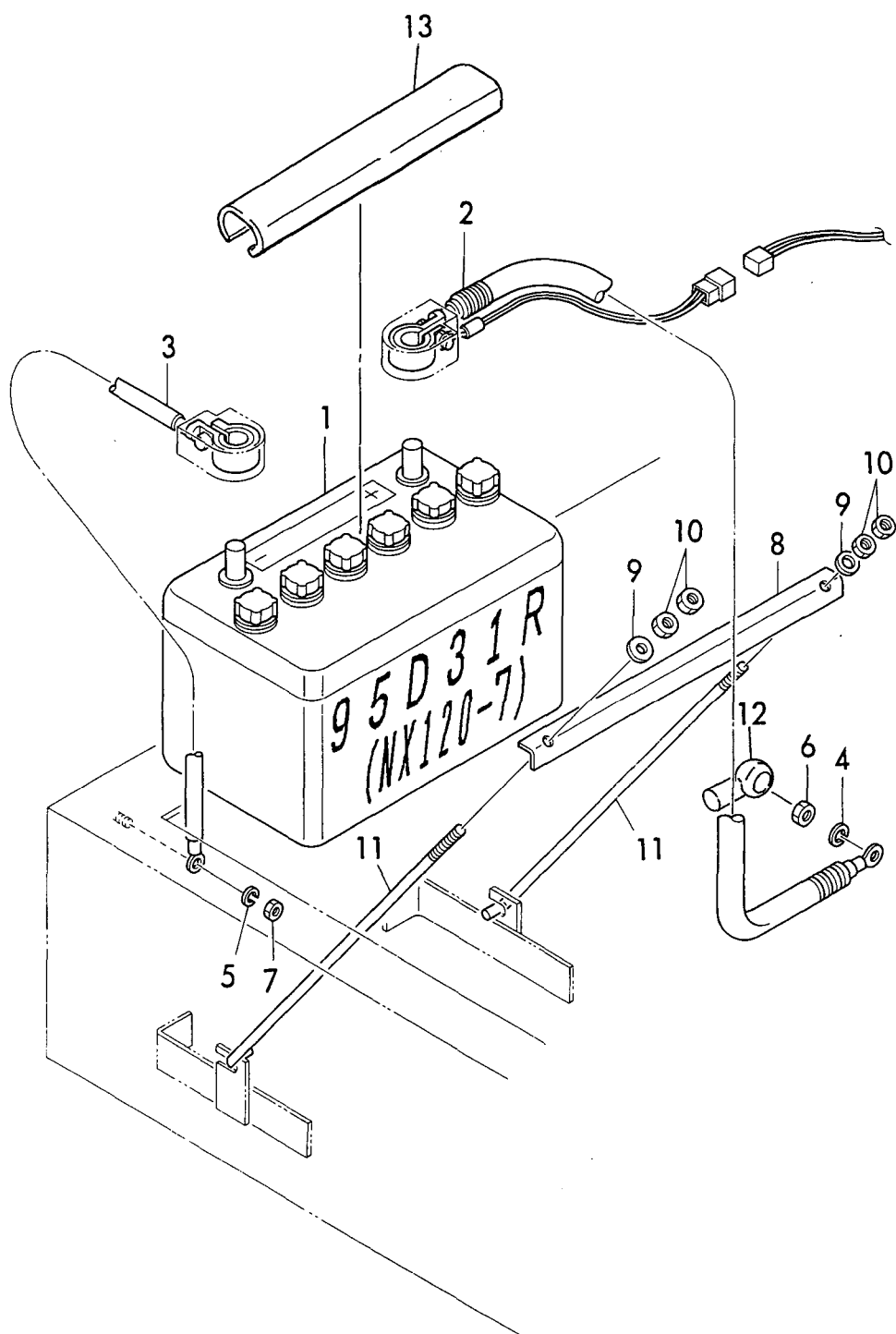


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5,2,,172141-14260,, FLOAT,1,,,,,,,,,,,,,
6,2,,172122-14300,, "CAP, FUEL TANK",1,,,,,,,,,,,,,
7,3,,105430-55070,, GASKET,1,,,,,,,,,,,,,
8,2,,172124-17100,, "GAUGE UNIT, FUEL",1,,,,,,,,,,,,,
9,2,,101504-55101,, "STRAINER,FUEL INLET",1,,,,,,,,,,,,,
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18,1,,172141-14610,, "HOSE, FUEL",1,,,,,,,,,,,,,
19,1,,172312-14630,, HOSE,1,,,,,,,,,,,,,
20,1,,172126-16540,, "CLAMP 10X70",1,,,,,,,,,,,,,
21,1,,129335-55700,, "SEPARATOR, WATER",1,,,,,,,,,,,,,
22,2,,104200-55321,, "VALVE, TAPER",1,,,,,,,,,,,,,
23,2,,104200-55330,, "SPRING, TAPER VALVE",1,,,,,,,,,,,,,
24,2,,104200-55341,, "HANDLE, COCK",1,,,,,,,,,,,,,
25,2,,124064-55510,, "BOWL, FUEL STRAINER",1,,,,,,,,,,,,,
26,2,,102103-55520,, O-RING,1,,,,,,,,,,,,,
27,2,,110250-55610,, "RING, RETAINING",1,,,,,,,,,,,,,
28,2,,121257-55720,, "SPRING, SCREEN",1,,,,,,,,,,,,,
29,2,,121257-55731,, FLOAT,1,,,,,,,,,,,,,
31,2,,101720-55750,, "PLUG 6",2,,,,,,,,,,,,,
32,2,,104200-55750,, "SCREW M 4",1,,,,,,,,,,,,,
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41,1,,29311-325000,, "GROMMET 32X5.0",1,,,,,,,,,,,,,
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Fig. 8 FUEL TANK & FUEL PIPE <https://truckmanualshub.com/>



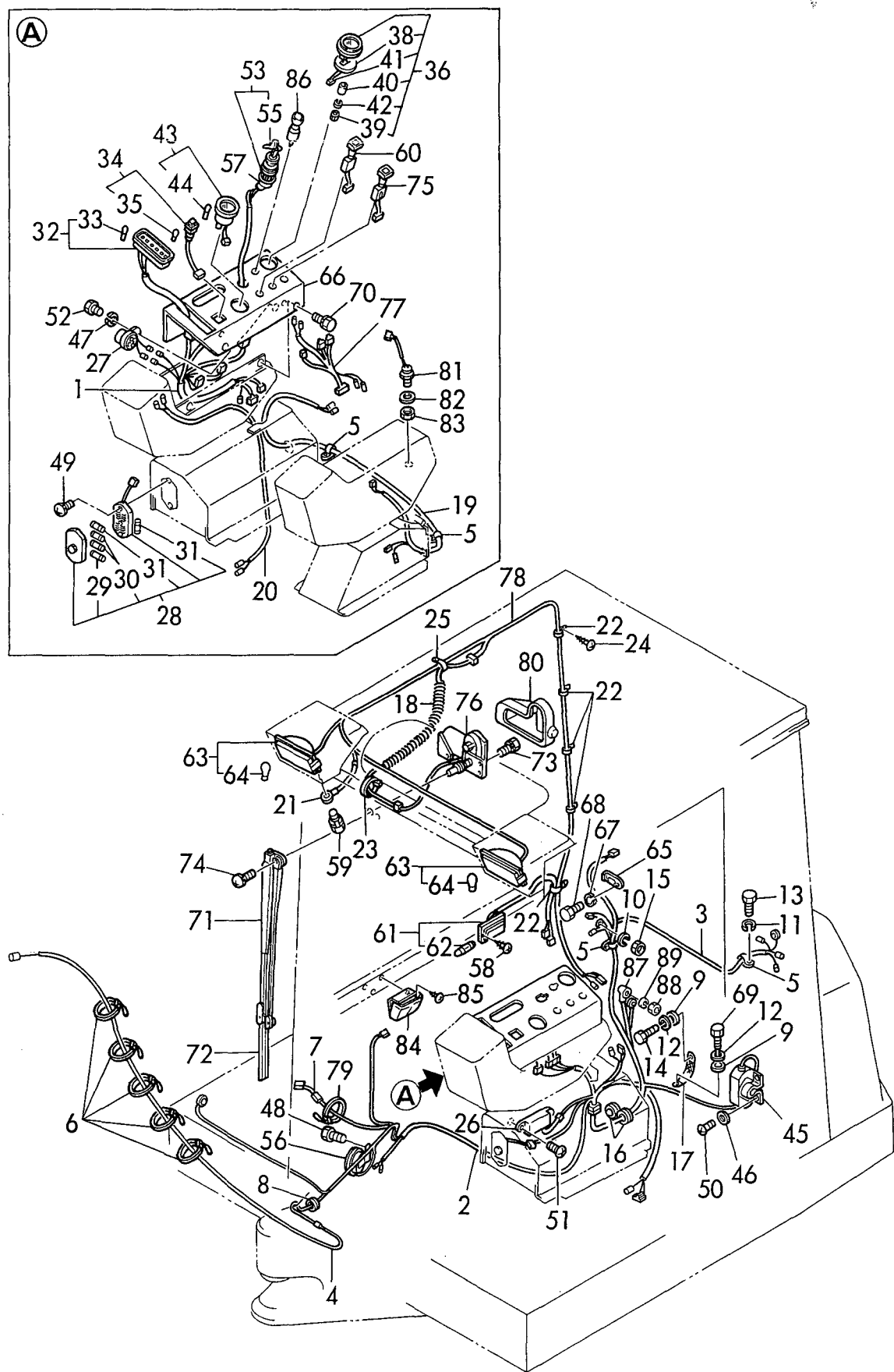
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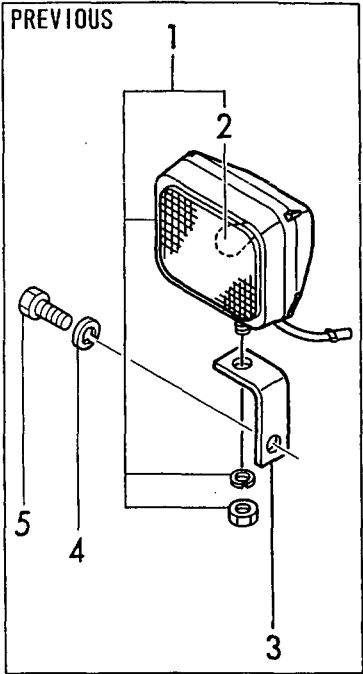
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74,1,,26022-060162,, "SCREW M 6X 16",1,,,,,,,,,,,,,
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78,1,,172142-16580,, "HARNESS,WIRE(CABIN T",1,,,,,,,,,,,,,
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81,1,,194464-52190,, "SWITCH, SAFETY START",1,,,,,,,,,,,,,
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83,1,,26776-180002,, "NUT M18, LOCK",1,,,,,,,,,,,,,
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Fig. **10** ELECTRIC PART (CABIN) <https://trucksmanuals.hub.com/>



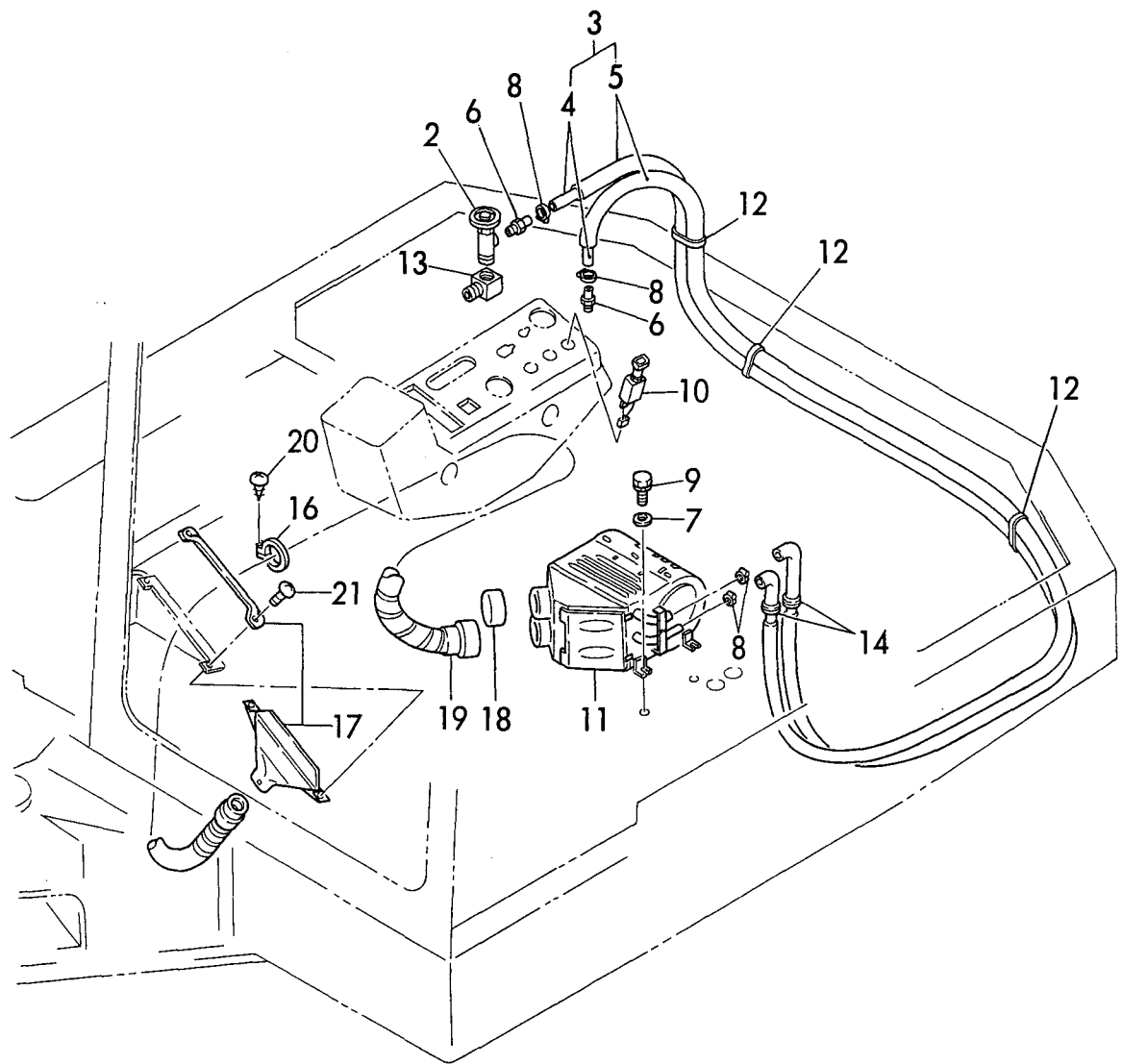
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Fig. **12** HEATER & DEFROSTER <https://truckmanualshub.com/>

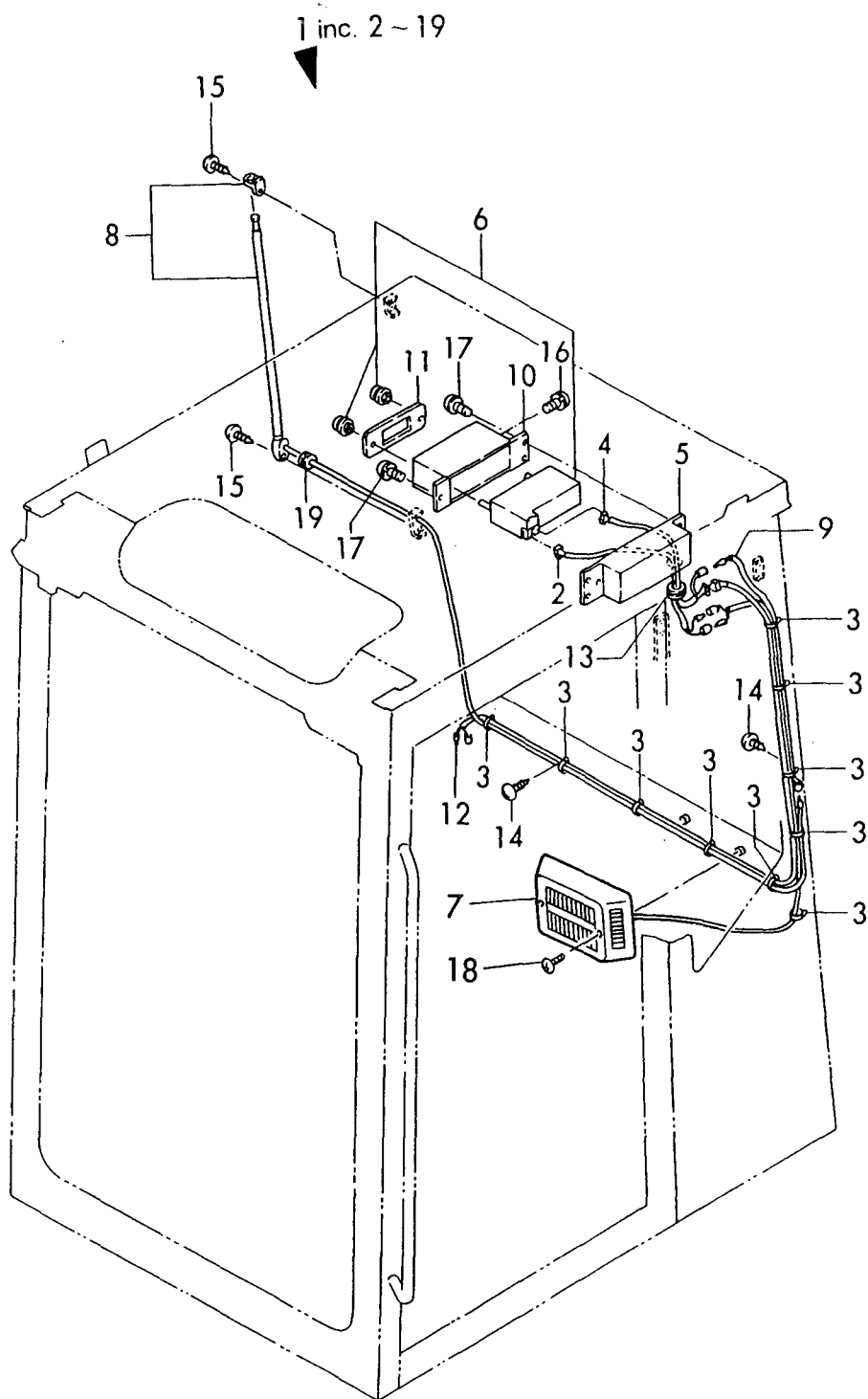
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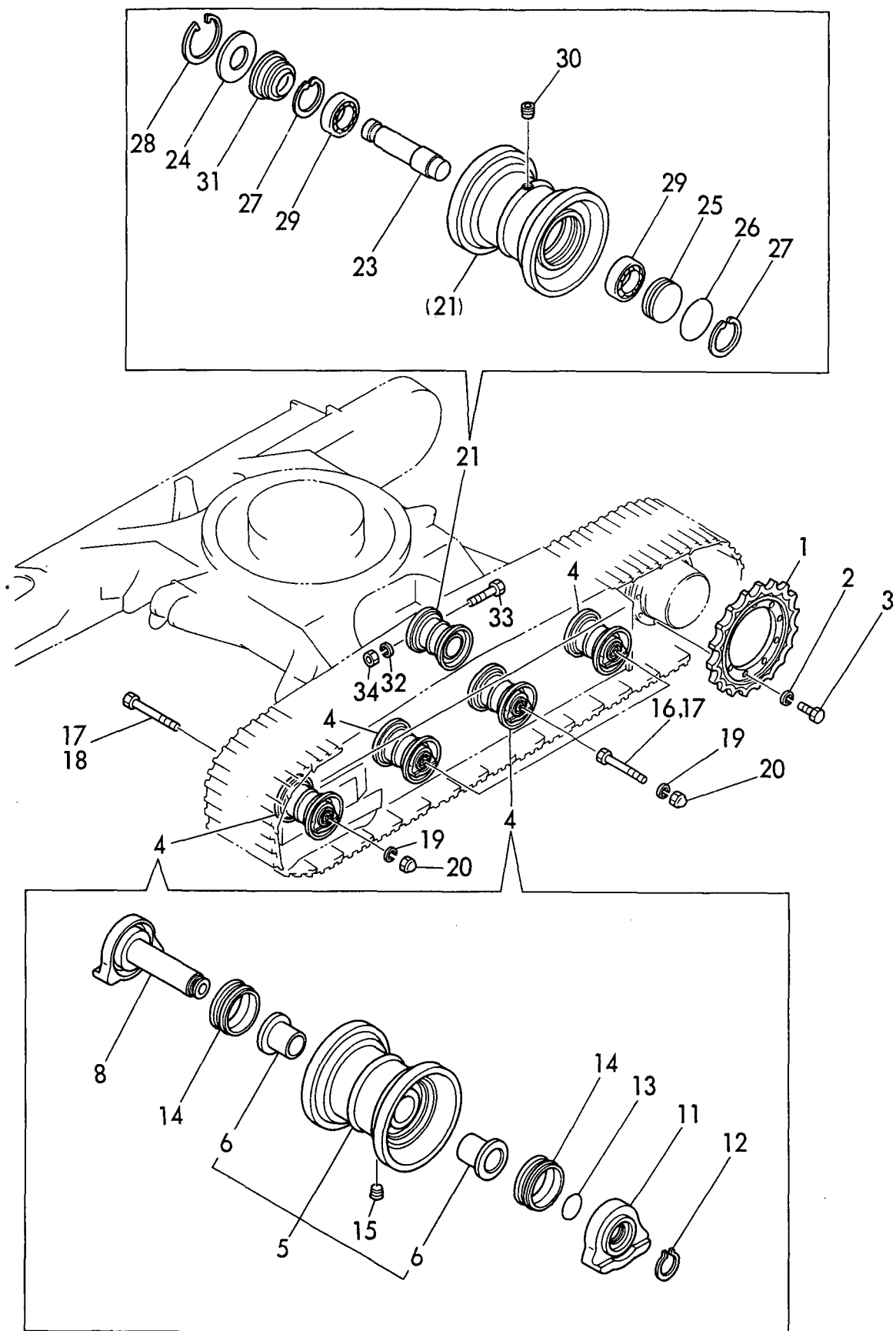
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Fig. **14** TRACK ROLLER & CARRIER ROLLER

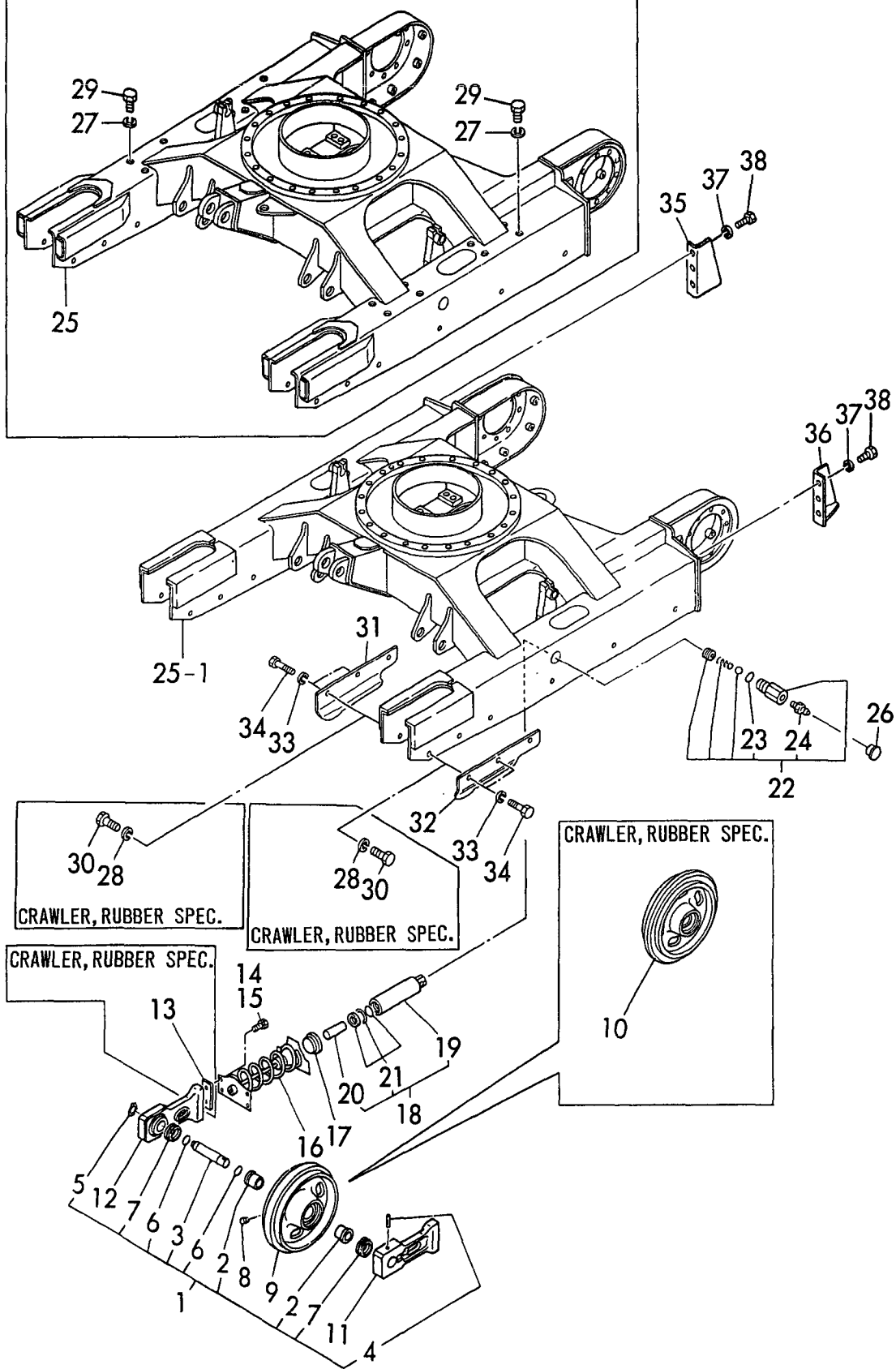
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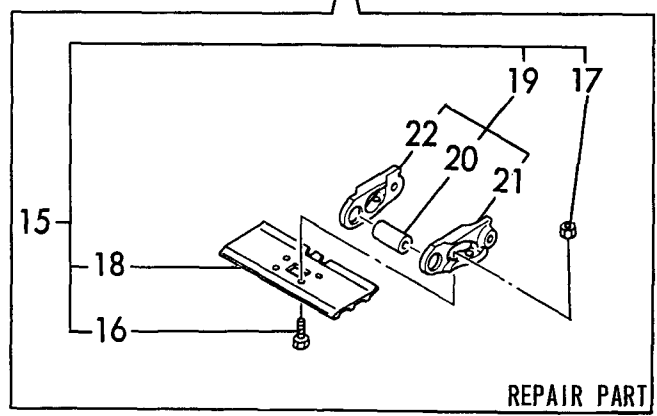
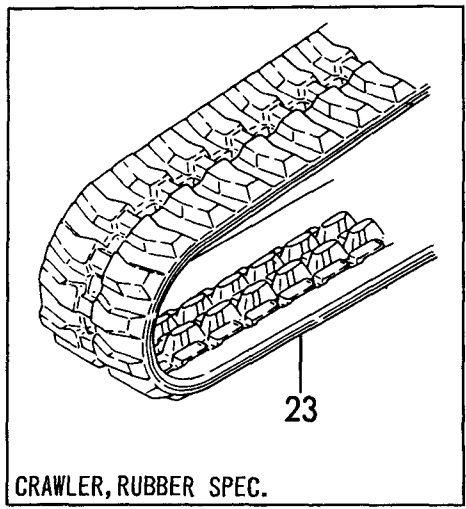
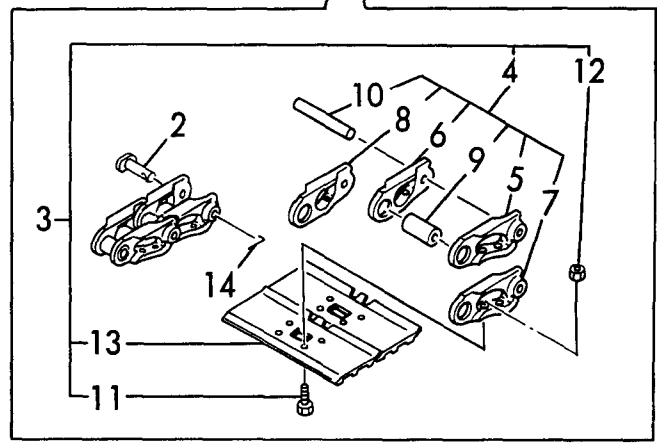
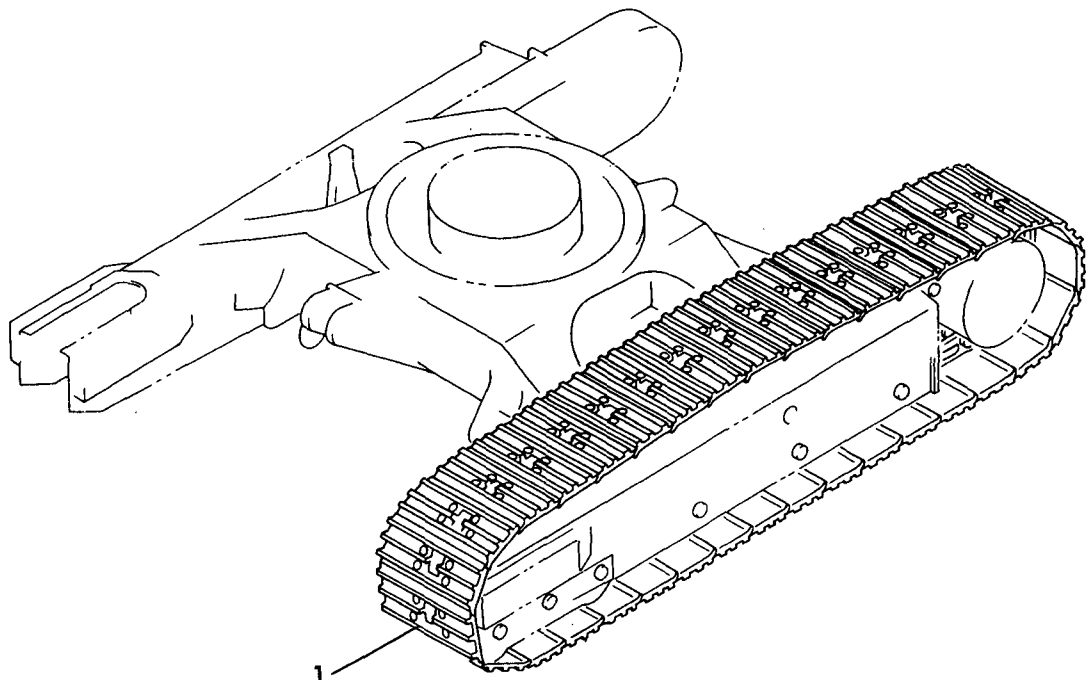
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3,2,,172124-37130,, "SHAFT, IDLER",2,,,,,,,,,,,,,
4,2,,172124-37160,, PIN,2,,,,,,,,,,,,,
5,2,,22242-000350,, "CIRCLIP 35",2,,,,,,,,,,,,,
6,2,,24321-000350,, "O-RING 1A G-35.0",4,,,,,,,,,,,,,
7,2,,933112-00500,, "SEAL 66 86 28",4,,,,,,,,,,,,,
8,1,,933171-13691,, "PLUG PT1/8",2,,,,,,,,,,,,,
9,1,,172124-37100,, "IDLER ASSY",2,,,,,,,,,,,,,
10,1,,172147-37100,, IDLER(R),2,,,,,1,,,,,,,,,
11,1,,172124-37140,, "COVER(A), IDLER SEAL",2,,,,,,,,,,,,,
12,1,,172124-37150,, "COVER(B), IDLER SEAL",2,,,,,,,,,,,,,
13,1,,172147-37700,, PLAET,4,,,,,1,,,,,,,,,
14,1,,26013-120402,, "BOLT M12X 40",8,,,,,,,,,,,,,
15,1,,26013-120502,, "BOLT M12X 50",8,,,,,1,,,,,,,,,
16,1,,172124-37700,, "SPRING, ADJUSTING",2,,,,,,,,,,,,,
17,1,,172122-37710,, "HOLDER, ADJUSTER",2,,,,,,,,,,,,,
18,1,,172122-37752,, "ADJUST CYLINDER",2,,,,,,,,,,,,,
19,2,,172122-37782,, "ADJUST TUBE",2,,,,,,,,,,,,,
20,2,,172122-37810,, PISTON,2,,,,,,,,,,,,,
21,2,,172122-37820,, "ADJUST SEAL SET",2,,,,,,,,,,,,,
22,1,,172122-37843,, "VALVE ASSY, NIPPLE",2,,,,,,,,,,,,,
23,2,,24315-000140,, "O-RING 1B P-14.0",2,,,,,,,,,,,,,
24,2,,24761-020000,, "NIPPLE PT1/8, GREASE",2,,,,,,,,,,,,,
25,1,,172151-50100,, "FRAME, LOWER",1,,,,,,,,,,,,,
25-1,1,,172151-50101,, "FRAME, LOWER",1,,,,,S,,72151158,M11813,,,,,,,,,I
26,1,,172141-50890,, GROMMET,2,,,,,,,,,,,,,
27,1,,22217-100000,, "SPRING WASHER 10",16,,,,,Z,,72151158,M11813,,,,,,,,,I
28,1,,22217-160000,, "SPRING WASHER 16",8,,,,,1,,,,,,,,,
29,1,,26116-100202,, "BOLT M10X 20 PLATED",16,,,,,Z,,72151158,M11813,,,,,,,,,I
30,1,,26116-160302,, "BOLT M16X 30 PLATED",8,,,,,1,,,,,,,,,
31,1,,172147-50800,, "GUARD, CRAWLER",2,,,,,,,,,,,,,
32,1,,172147-50810,, "GUARD, CRAWLER",2,,,,,,,,,,,,,
33,1,,22217-160000,, "SPRING WASHER 16",8,,,,,,,,,,,,,
34,1,,26116-160452,, "BOLT M16X 45 PLATED",8,,,,,,,,,,,,,
35,1,,172124-50810,, "GUARD (R), STONE",1,,,,,,,,,,,,,
36,1,,172124-50820,, "GUARD (L), STONE",1,,,,,,,,,,,,,
37,1,,22217-140000,, "SPRING WASHER 14",6,,,,,,,,,,,,,
38,1,,26116-140302,, "BOLT M14X 30 PLATED",6,,,,,,,,,,,,,

Fig. **15** TRACK FRAME & IDLER <http://truckman.ru/shrub.com/>

PREVIOUS



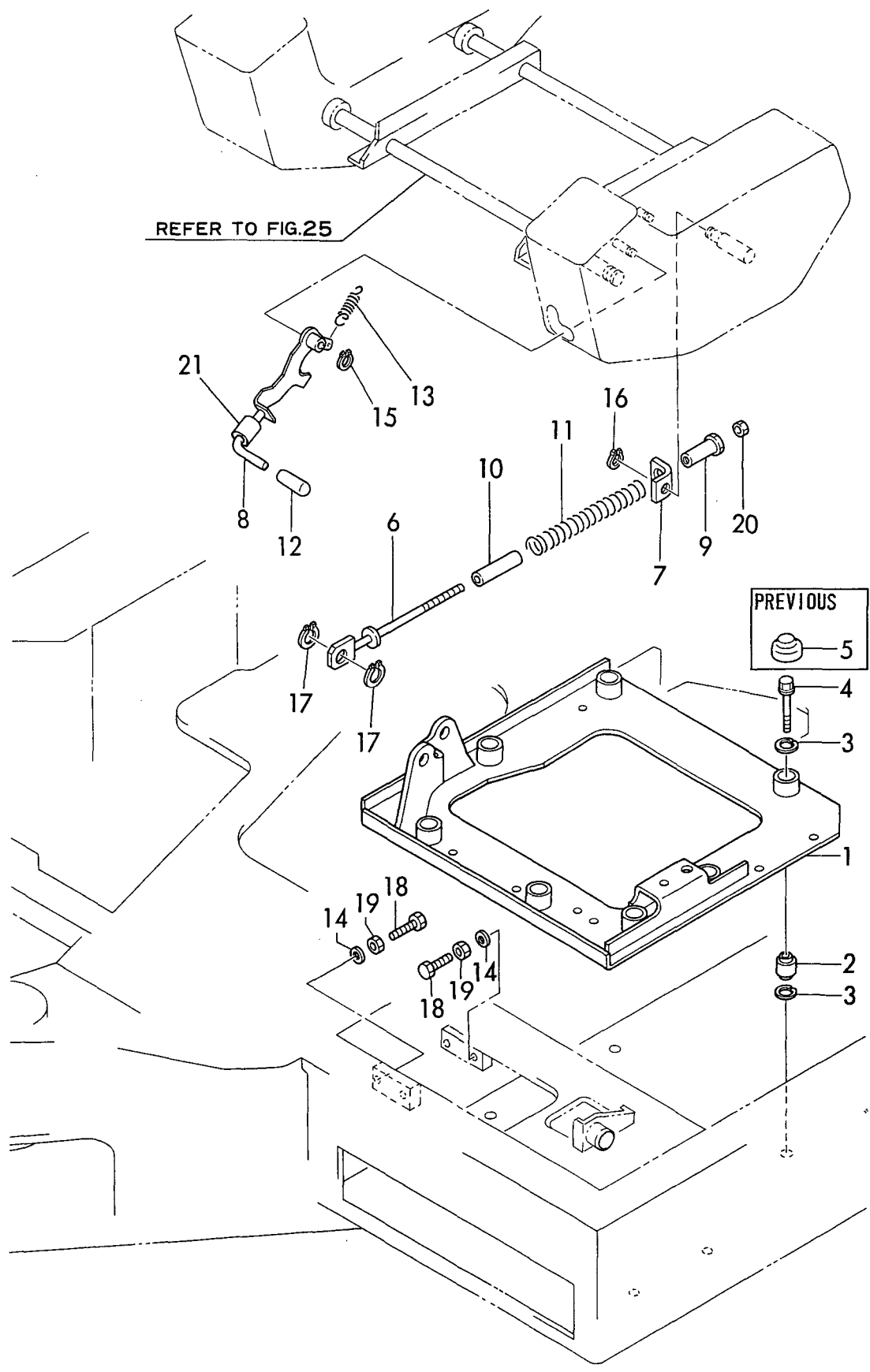
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3,2,,172124-38101,, "CRAWLER ASSY, 380",2,,,,,,,,,,,,,
4,3,,172124-38111,, "LINK ASSY, TRUCK",2,,,,,,,,,,,,,
5,4,,172112-38041,, "LINK (L), TRACK",72,,,,,,,,,,,,,
6,4,,172112-38051,, "LINK (R), TRACK",72,,,,,,,,,,,,,
7,4,,172124-38260,, "LINK (L), MASTER",2,,,,,,,,,,,,,
8,4,,172124-38270,, "LINK (R), MASTER",2,,,,,,,,,,,,,
9,4,,172112-38081,, BUSH,74,,,,,,,,,,,,,
10,4,,172112-38091,, "PIN, TRACK",72,,,,,,,,,,,,,
11,3,,172112-38130,, "BOLT, SHOE",296,,,,,,,,,,,,,
12,3,,172112-38140,, "NUT, SHOE",296,,,,,,,,,,,,,
13,3,,172112-38152,, "SHOW PLATE",74,,,,,,,,,,,,,
14,2,,172112-38111,, "PIN, COTTER",2,,,,,,,,,,,,,
15,1,,172124-38140,, "MASTER TRUCK",2,,,,,,,,,,,,,
16,2,,172112-38130,, "BOLT, SHOE",8,,,,,,,,,,,,,
17,2,,172112-38140,, "NUT, SHOE",8,,,,,,,,,,,,,
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21,3,,172124-38260,, "LINK (L), MASTER",2,,,,,,,,,,,,,
22,3,,172124-38270,, "LINK (R), MASTER",2,,,,,,,,,,,,,
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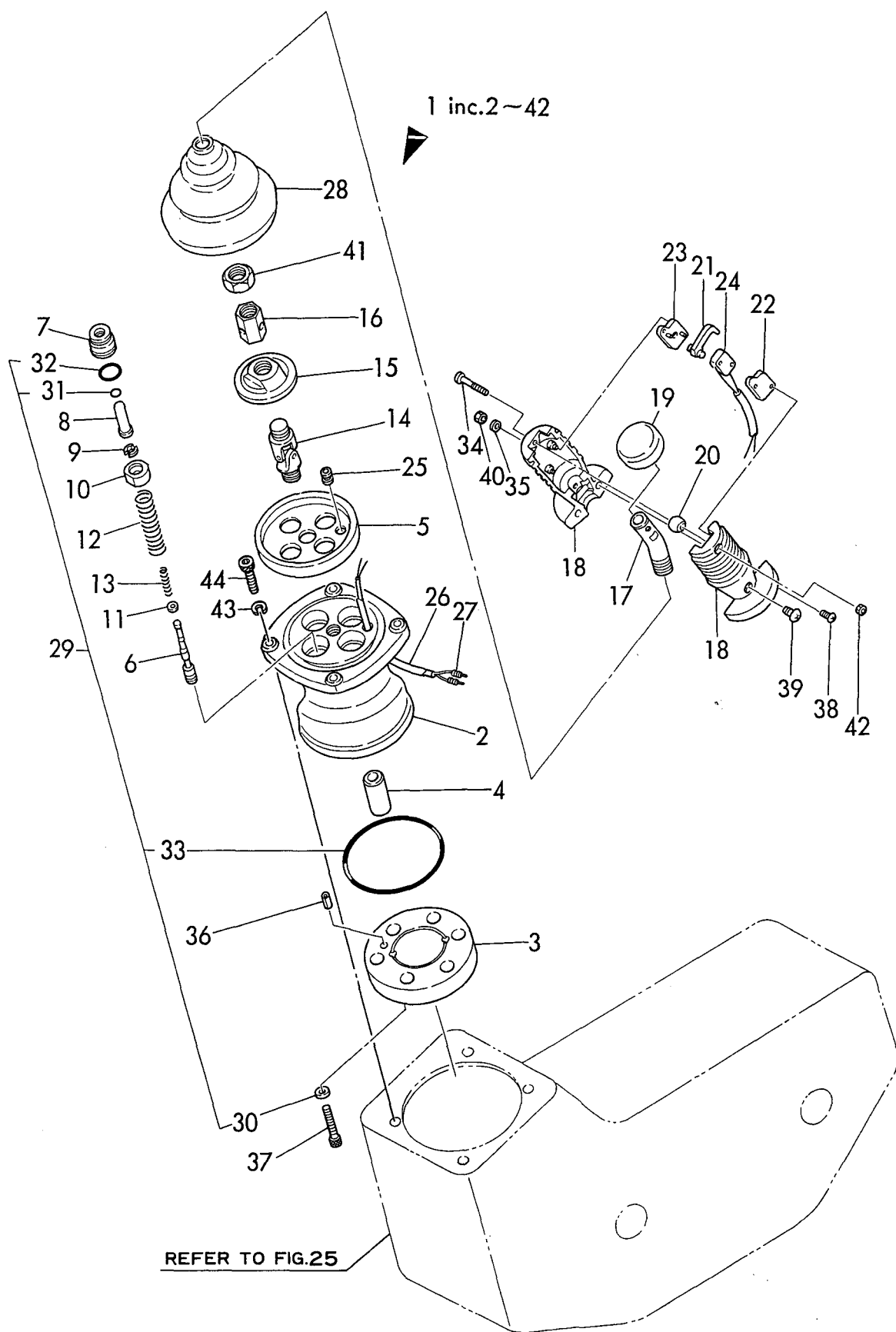
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4,1,,26106-100402,, "BOLT M10X 40 PLATED",7,,,,,,,,,,,,,
5,1,,172151-45480,, BOOT,7,,,,,,Z,, 72151118,M00501,,,,,,,,,,I
6,1,,172151-45850,, "BAR, LOCK",1,,,,,,,,,,,,,
7,1,,172151-45880,, "PLATE, GUIDE",1,,,,,,,,,,,,,
8,1,,172151-45890,, "LEVER, LOCK",1,,,,,,,,,,,,,
9,1,,172151-45930,, "NUT, LOCK",1,,,,,,,,,,,,,
10,1,,172151-45940,, PIPE,1,,,,,,,,,,,,,
11,1,,172151-45950,, SPRING,1,,,,,,,,,,,,,
12,1,,172116-46630,, "KNOB, LOCK LEVER",1,,,,,,,,,,,,,
13,1,,172112-65830,, "SPRING 1.4X13X50",1,,,,,,,,,,,,,
14,1,,22217-100000,, "SPRING WASHER 10",4,,,,,,,,,,,,,
15,1,,22242-000100,, "CIRCLIP 10",1,,,,,,,,,,,,,
16,1,,22242-000120,, "CIRCLIP 12",1,,,,,,,,,,,,,
17,1,,22242-000200,, "CIRCLIP 20",2,,,,,,,,,,,,,
18,1,,26116-100504,, "BOLT M10X 50 PLATED",4,,,,,,,,,,,,,
19,1,,26716-100002,, "NUT M10",4,,,,,,,,,,,,,
20,1,,26717-100002,, "NUT M10",1,,,,,,,,,,,,,
21,1,,23061-100020,, "PIPE 10X20,VINYL",1,,,,,,W,, 72151118,M00501,,,,,,,,,,I

Fig. **17** LINK STAND & STOPPER

<https://trackmanualshub.com/>



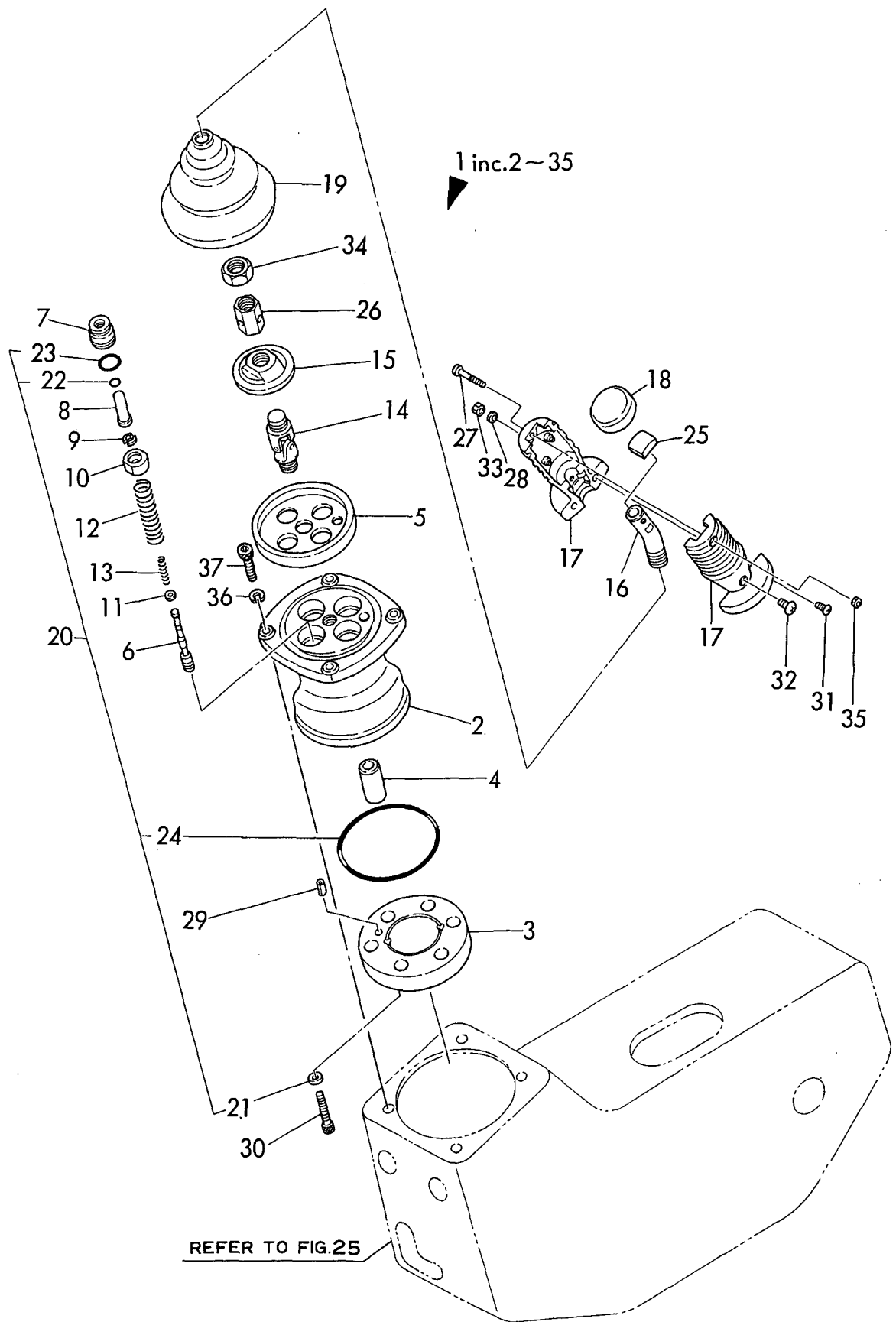
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4,2,,172151-73370,, BUSH,1,,,,,,,,,,,,,
5,2,,172151-73380,, PLATE,1,,,,,,,,,,,,,
6,2,,172151-73390,, SPOOL,4,,,,,,,,,,,,,
7,2,,172151-73400,, PLUG,4,,,,,,,,,,,,,
8,2,,172151-73410,, LOD,4,,,,,,,,,,,,,
9,2,,172151-73430,, WASHER,8,,,,,,,,,,,,,
10,2,,172151-73440,, RETAINER,4,,,,,,,,,,,,,
11,2,,172151-73450,, WASHER,4,,,,,,,,,,,,,
12,2,,172151-73460,, SPRING,4,,,,,,,,,,,,,
13,2,,172151-73470,, SPRING,4,,,,,,,,,,,,,
14,2,,172151-73480,, JOINT,1,,,,,,,,,,,,,
15,2,,172151-73490,, PLATE,1,,,,,,,,,,,,,
16,2,,172151-73500,, "NUT, ADJUST",1,,,,,,,,,,,,,
17,2,,172151-73510,, "BAR, HANDLE",1,,,,,,,,,,,,,
18,2,,172151-73520,, HANDLE,2,,,,,,,,,,,,,
19,2,,172151-73530,, "HANDLE, CAP",1,,,,,,,,,,,,,
20,2,,172151-73540,, ROLLER,1,,,,,,,,,,,,,
21,2,,172151-73550,, "LEVER, SWITCH",1,,,,,,,,,,,,,
22,2,,172151-73560,, "SEAT, SWITCH",1,,,,,,,,,,,,,
23,2,,172151-73570,, "SEAT(2), SWITCH",1,,,,,,,,,,,,,
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25,2,,172151-73590,, BUSH,1,,,,,,,,,,,,,
26,2,,172151-73600,, TUBE,1,,,,,,,,,,,,,
27,2,,172151-73610,, TERMINAL,2,,,,,,,,,,,,,
28,2,,172151-73620,, BELLOWS,1,,,,,,,,,,,,,
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32,3,,24315-000200,, "O-RING 1B P-20.0",4,,,,,,,,,,,,,
33,3,,24341-000900,, "O-RING 1A S-90.0",1,,,,,,,,,,,,,
34,2,,172151-73660,, "SCREW 4X30",1,,,,,,,,,,,,,
35,2,,22137-040000,, "WASHER 4, POLISHED",2,,,,,,,,,,,,,
36,2,,22351-050010,, "SPRING PIN 5X10",1,,,,,,,,,,,,,
37,2,,26450-080302,, "BOLT M 8X 30",2,,,,,,,,,,,,,
38,2,,26553-040102,, "SCREW 4X10",2,,,,,,,,,,,,,
39,2,,26553-050082,, "SCREW 5X8",2,,,,,,,,,,,,,
40,2,,26716-040002,, "NUT M 4",2,,,,,,,,,,,,,
41,2,,26756-140002,, "LOCK NUT M14 PLATED",1,,,,,,,,,,,,,
42,2,,26716-040002,, "NUT M 4",1,,,,,,,,,,,,,
43,1,,22217-060000,, "SPRING WASHER 6",4,,,,,,,,,,,,,
44,1,,26450-060302,, "BOLT M 6X 30",4,,,,,,,,,,,,,



1,1,,172151-74010,, "VALVE(L), REM. CON.",1,,,,,,,,,,,,,
2,2,,172151-73340,, CASING,1,,,,,,,,,,,,,
3,2,,172151-73350,, "PLATE, PORT",1,,,,,,,,,,,,,
4,2,,172151-73370,, BUSH,1,,,,,,,,,,,,,
5,2,,172151-73380,, PLATE,1,,,,,,,,,,,,,
6,2,,172151-73390,, SPOOL,4,,,,,,,,,,,,,
7,2,,172151-73400,, PLUG,4,,,,,,,,,,,,,
8,2,,172151-73410,, LOD,4,,,,,,,,,,,,,
9,2,,172151-73430,, WASHER,8,,,,,,,,,,,,,
10,2,,172151-73440,, RETAINER,4,,,,,,,,,,,,,
11,2,,172151-73450,, WASHER,4,,,,,,,,,,,,,
12,2,,172151-73460,, SPRING,4,,,,,,,,,,,,,
13,2,,172151-73470,, SPRING,4,,,,,,,,,,,,,
14,2,,172151-73480,, JOINT,1,,,,,,,,,,,,,
15,2,,172151-73490,, PLATE,1,,,,,,,,,,,,,
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17,2,,172151-73520,, HANDLE,2,,,,,,,,,,,,,
18,2,,172151-73530,, "HANDLE, CAP",1,,,,,,,,,,,,,
19,2,,172151-73620,, BELLOWS,1,,,,,,,,,,,,,
20,2,,172151-73630,, "SEAL KIT, SUB",1,,,,,,,,,,,,,
21,3,,172151-73360,, "SEAL WASHER",2,,,,,,,,,,,,,
22,3,,172151-73420,, SEAL,4,,,,,,,,,,,,,
23,3,,24315-000200,, "O-RING 1B P-20.0",4,,,,,,,,,,,,,
24,3,,24341-000900,, "O-RING 1A S-90.0",1,,,,,,,,,,,,,
25,2,,172151-73640,, CAP,1,,,,,,,,,,,,,
26,2,,172151-73650,, "NUT, ADJUST",1,,,,,,,,,,,,,
27,2,,172151-73660,, "SCREW 4X30",1,,,,,,,,,,,,,
28,2,,22137-040000,, "WASHER 4, POLISHED",2,,,,,,,,,,,,,
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32,2,,26553-050082,, "SCREW 5X8",2,,,,,,,,,,,,,
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35,2,,26716-040002,, "NUT M 4",1,,,,,,,,,,,,,
36,1,,22217-060000,, "SPRING WASHER 6",4,,,,,,,,,,,,,
37,1,,26450-060302,, "BOLT M 6X 30",4,,,,,,,,,,,,,

Fig. 19 REMOTE CONTROL VALVE (LEFT)

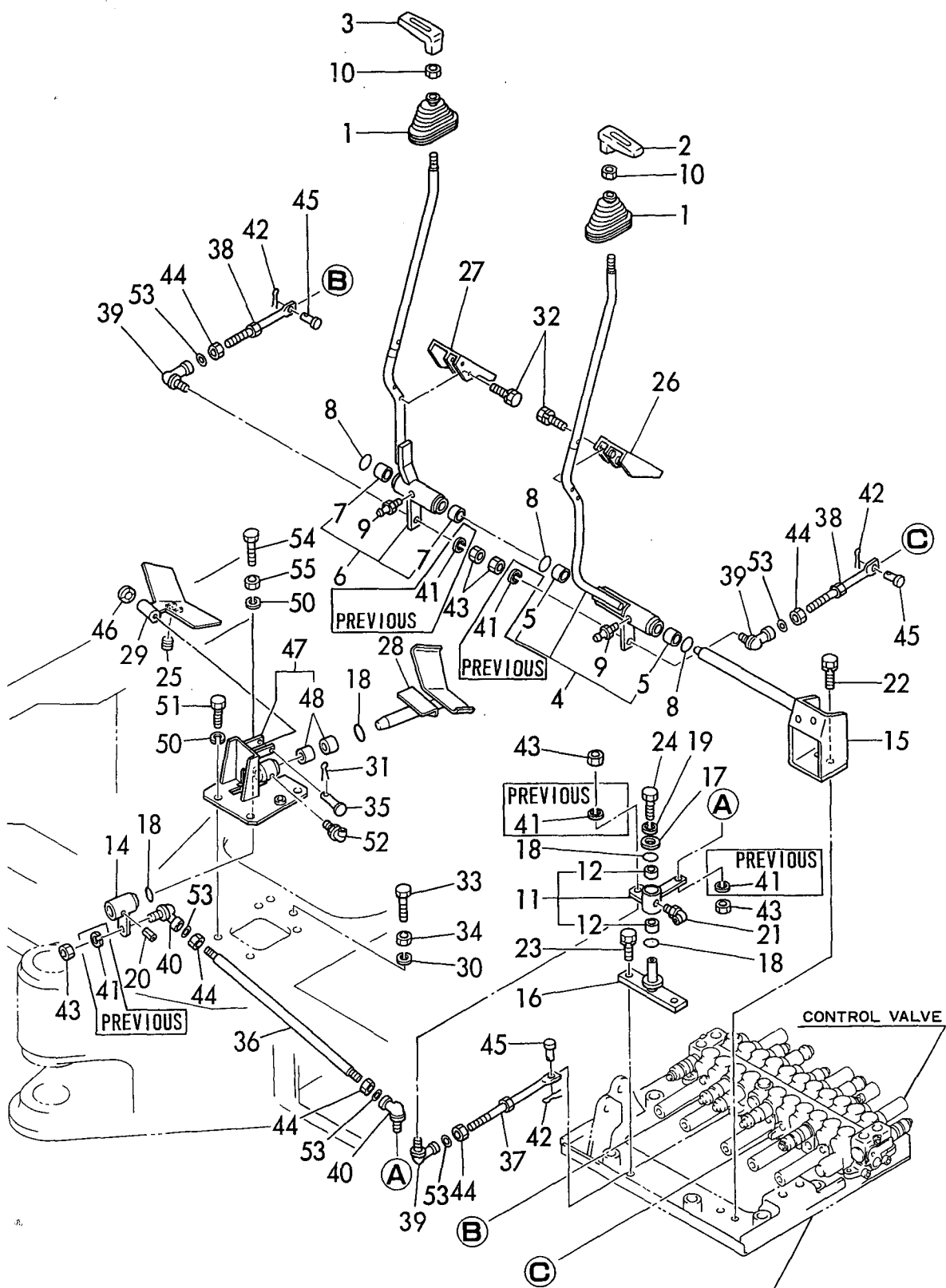
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3,1,,172122-45060,, "KNOB (R)",1,,,,,,,,,,,,,
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6,1,,172151-45131,, "LEVER(R), TRACK",1,,,,,,,,,,,,,
7,2,,172141-41370,, "BUSH 2015",2,,,,,,,,,,,,,
8,1,,172124-46200,, "O-RING 27X5.7",3,,,,,,,,,,,,,
9,1,,24761-020000,, "NIPPLE PT1/8,GREASE",2,,,,,,,,,,,,,
10,1,,26757-100002,, "LOCK NUT M10 PLATED",2,,,,,,,,,,,,,
11,1,,172141-41610,, "LINK W/BUSH, SWING",1,,,,,,,,,,,,,
12,2,,172141-41370,, "BUSH 2015",2,,,,,,,,,,,,,
14,1,,172143-45360,, "LINK, SWING",1,,,,,,,,,,,,,
15,1,,172151-45280,, "SHAFT, TRACK",1,,,,,,,,,,,,,
16,1,,172142-45420,, "SHAFT, SWING",1,,,,,,,,,,,,,
17,1,,1A1040-45890,, "WASHER 10 36 4.5",1,,,,,,,,,,,,,
18,1,,172124-46200,, "O-RING 27X5.7",4,,,,,,,,,,,,,
19,1,,22217-100000,, "SPRING WASHER 10",1,,,,,,,,,,,,,
20,1,,22351-050036,, "SPRING PIN 5X36",1,,,,,,,,,,,,,
21,1,,24761-050000,, "NIPPLE C,GREASE",1,,,,,,,,,,,,,
22,1,,26013-100252,, "BOLT W/WASHER M10X25",2,,,,,,,,,,,,,
23,1,,26013-100252,, "BOLT W/WASHER M10X25",2,,,,,,,,,,,,,
24,1,,26116-100202,, "BOLT M10X 20 PLATED",1,,,,,,,,,,,,,
25,1,,172111-16890,, "GROMMET 9",1,,,,,,,,,,,,,
26,1,,172141-41840,, "PEDAL(L), TRACK",1,,,,,,,,,,,,,
27,1,,172141-41850,, "PEDAL(R), TRACK",1,,,,,,,,,,,,,
28,1,,172141-41900,, "PEDAL, SWING",1,,,,,,,,,,,,,
29,1,,172141-41940,, "LOCK, SWING",1,,,,,,,,,,,,,
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33,1,,26116-100504,, "BOLT M10X 50 PLATED",2,,,,,,,,,,,,,
34,1,,26716-100002,, "NUT M10",2,,,,,,,,,,,,,
35,1,,933171-18390,, "PIN, FOOT BAR",1,,,,,,,,,,,,,
36,1,,172141-42840,, "ROD, SWING",1,,,,,,,,,,,,,
37,1,,172142-45650,, ROD(A,1,,,,,,,,,,,,,
37-1,1,,172142-45680,, "ROD(A), SPOOL",1,,,,,,N,,72148113,M10879,,,,,,,,,,,,,I
38,1,,172142-45660,, ROD(B,2,,,,,,,,,,,,,
38-1,1,,172142-45690,, "ROD(B), SPOOL",2,,,,,,N,,72148113,M10879,,,,,,,,,,,,,I
39,1,,172122-46590,, "ELBALL 8",3,,,,,,,,,,,,,
40,1,,172122-46590,, "ELBALL 8",2,,,,,,,,,,,,,
41,1,,22217-080000,, "SPRING WASHER 8",5,,,,,,Z,,72148113,M10879,,,,,,,,,,,,,I
42,1,,22417-160160,, "COTTER PIN 1.6X16",3,,,,,,,,,,,,,
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45,1,,933110-54100,, "PIN 4.75X14",3,,,,,,,,,,,,,
46,1,,172614-45170,, "SPRING 12",1,,,,,,,,,,,,,
47,1,,172151-45960,, "BRACKET, PEDAL",1,,,,,,,,,,,,,
48,2,,172141-41370,, "BUSH 2015",2,,,,,,,,,,,,,
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PLATED",3,,,,,,K,,72151113,M10879,,,,,,,,,,,,,I
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54,1,,26116-100504,, "BOLT M10X 50 PLATED",1,,,,,,W,,72151116,M00501,,,,,,,,,,,,,I
55,1,,26716-100002,, "NUT M10",1,,,,,,W,,72151116,M00501,,,,,,,,,,,,,I

Fig. **20** CONTROL EQUIPMENT (TRAVEL & SWING)

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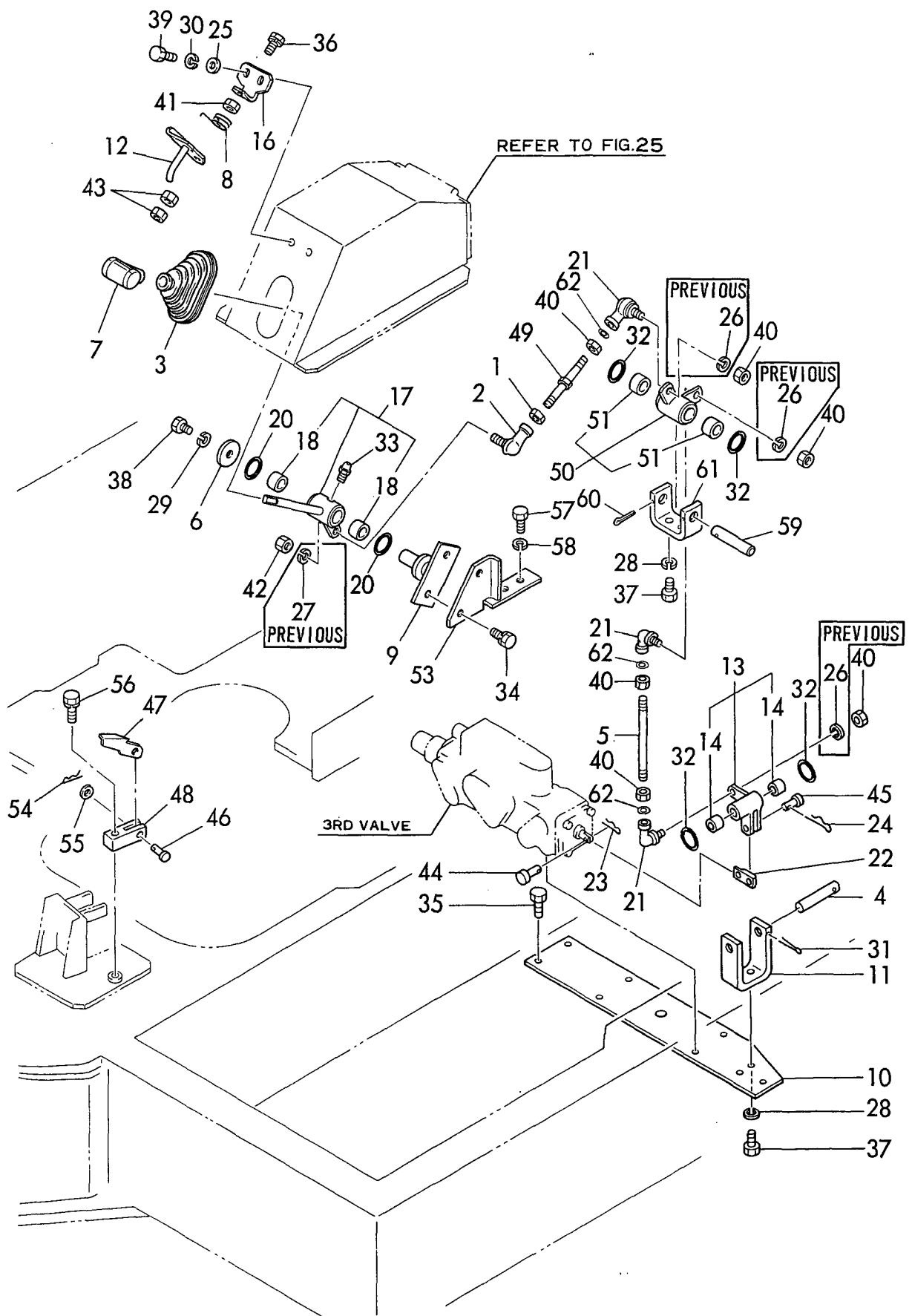


REFER TO FIG. 17

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2,1,,172148-41731,, SHAFT,1,,,,,,,,,,,,,
3,1,,172122-46590,, "ELBALL 8",1,,,,,,,,,,,,,
4,1,,172122-45830,, "PAD, METAL",1,,,,,,,,,,,,,
5,1,,172124-45330,, "LINK (A), SPOOL",1,,,,,,,,,,,,,
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7,1,,22417-160160,, "COTTER PIN 1.6X16",1,,,,,,,,,,,,,
8,1,,24311-000210,, "O-RING 1A P-21.0",2,,,,,,,,,,,,,
9,1,,26347-100002,, "U-NUT M10",1,,,,,,,,,,,,,
10,1,,933110-54100,, "PIN 4.75X14",1,,,,,,,,,,,,,
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14,2,,172141-41360,, "BUSH 1415",2,,,,,,,,,,,,,
15,1,,172141-41340,, BOOTS,1,,,,,,,,,,,,,
16,1,,172116-45940,, "KNOB (C), LEVER",1,,,,,,,,,,,,,
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19,1,,172151-45730,, BRACKET,1,,,,,,,,,,,,,
20,1,,22417-400400,, "COTTER PIN 4.0X40",1,,,,,,,,,,,,,
21,1,,26013-100202,, "BOLT W/WASHER M10X20",4,,,,,,,,,,,,,
21-1,1,,26013-100202,, "BOLT W/WASHER
M10X20",3,,,,,,K,,72151116,M00501,,,,,,,,,I
22,1,,172141-42960,, "JOINT, CABLE",1,,,,,,,,,,,,,
23,1,,172151-45650,, CABLE,1,,,,,,,,,,,,,
24,1,,172151-45660,, BRACKET,1,,,,,,,,,,,,,
25,1,,172142-45670,, "ROD, SPOOL",1,,,,,,,,,,,,,
26,1,,172122-46590,, "ELBALL 8",1,,,,,,,,,,,,,
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30,1,,26116-100202,, "BOLT M10X 20 PLATED",2,,,,,,,,,,,,,
31,1,,26346-080002,, "U-NUT M 8 PLATED",1,,,,,,,,,,,,,
31-1,1,,26051-080002,, "NUT M 8",1,,,,,,N,,72148113,M10879,,,,,,,,,I
32,1,,933110-54100,, "PIN 4.75X14",1,,,,,,,,,,,,,
33,1,,933168-28480,, "WASHER 20X9X3.2",1,,,,,,,,,,,,,
34,1,,26716-080002,, "NUT M 8",1,,,,,,,,,,,,,
34-1,1,,26051-080002,, "NUT M 8",1,,,,,,N,,72148113,M10879,,,,,,,,,I
35,1,,22137-100000,, "WASHER 10, POLISHED",1,,,,,,,,,,,,,
36,1,,22137-080000,, "WASHER 8, POLISHED",1,,,,,,W,,72148113,M10879,,,,,,,,,I
37,1,,172141-41360,, "BUSH 1415",2,,,,,,W,,72151113,M00501,,,,,,,,,I
38,1,,22217-100000,, "SPRING WASHER 10",1,,,,,,W,,72151116,M00501,,,,,,,,,I
39,1,,26116-100504,, "BOLT M10X 50 PLATED",1,,,,,,W,,72151116,M00501,,,,,,,,,I
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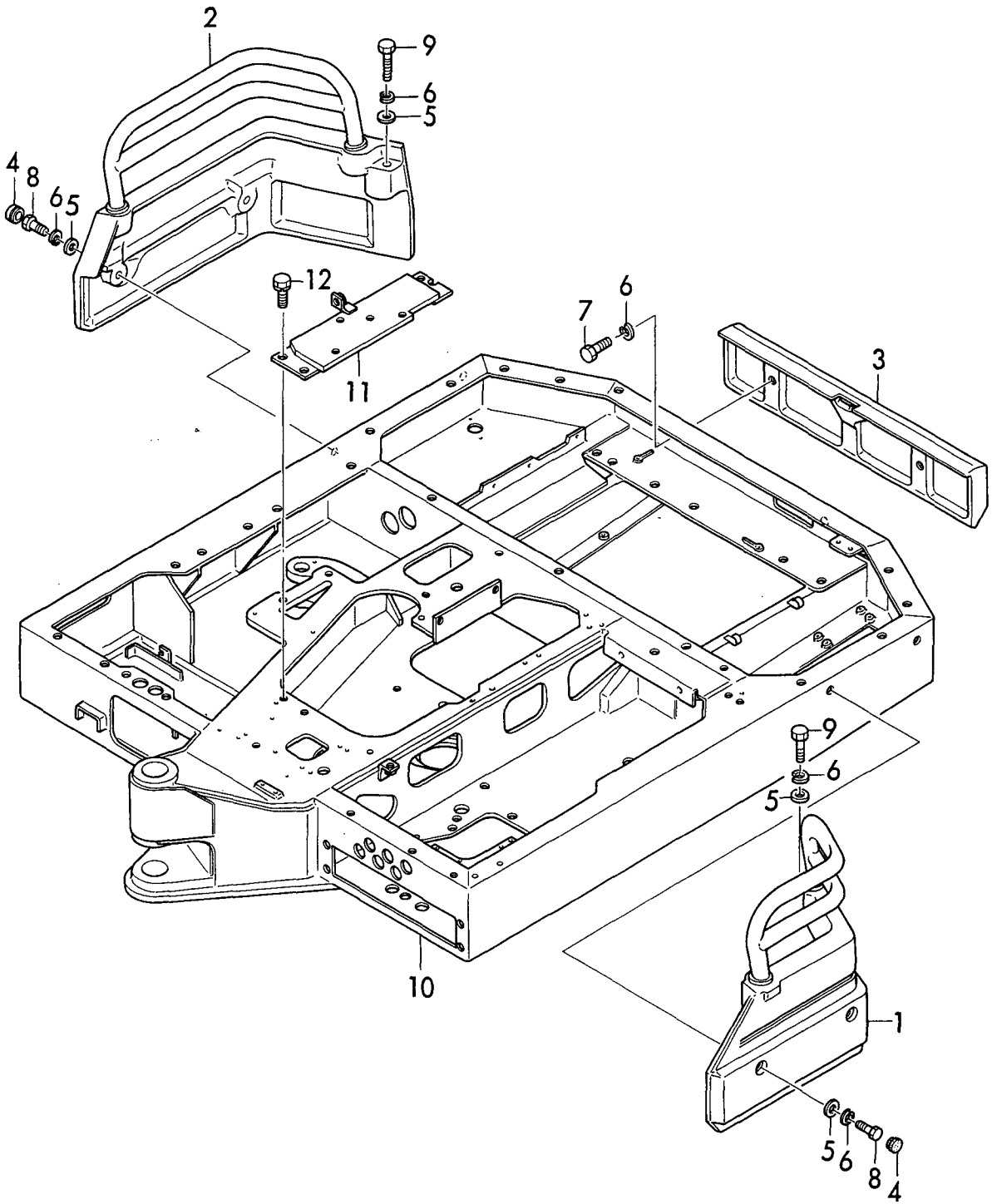
1,1,,194200-37780,, "LS-NUT 8",1,,,,,,,,,,,,,,,,,,,,,
2,1,,172734-41300,, "BALL 8L, LINK",1,,,,,,,,,,,,,,,,,,,,,
3,1,,172141-41340,, BOOTS,1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
4,1,,172112-41380,, "SHAFT, BLADE LEVER",1,,,,,,,,,,,,,,,,,,,,,
5,1,,172151-46160,, ROD(A),1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
6,1,,1A1040-45890,, "WASHER 10 36 4.5",1,,,,,,,,,,,,,,,,,,,,,
7,1,,172116-45940,, "KNOB (C), LEVER",1,,,,,,,,,,,,,,,,,,,,,
8,1,,1A1380-46061,, "SPRING, LEVER RETURN",1,,,,,,,,,,,,,,,,,,,,,
9,1,,172142-46100,, BRACKET,1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
10,1,,172151-46100,, "BRACKET, 3RD",1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
11,1,,172142-46120,, BRACKET,1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
12,1,,172151-46120,, ARM,1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
13,1,,172142-46150,, "ARM W/BUSH, 3RD V.",1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
14,2,,172141-41360,, "BUSH 1415",2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
16,1,,172151-46150,, "STAY, 3RD",1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
17,1,,172151-46500,, "LEVER W/BUSH, 3RD V.",1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
18,2,,172141-41370,, "BUSH 2015",2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
20,1,,172124-46200,, "O-RING 27X5.7",2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
21,1,,172122-46590,, "ELBALL 8",3,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
22,1,,172122-47460,, "SPOOL, 3RD",1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
23,1,,1C6281-52310,, "PIN 6, COME-OFF SNAP",1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
24,1,,1C6281-52320,, "PIN 8, COME-OFF SNAP",1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
25,1,,22137-100000,, "WASHER 10, POLISHED",2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
26,1,,22217-080000,, "SPRING WASHER 8",3,,,,,,Z,,72148113,M10676,,,,,,,,,,,,,I
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28,1,,22217-100000,, "SPRING WASHER 10",4,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
29,1,,22217-100000,, "SPRING WASHER 10",1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
30,1,,22217-100000,, "SPRING WASHER 10",2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
31,1,,22417-400400,, "COTTER PIN 4.0X40",1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
32,1,,24311-000210,, "O-RING 1A P-21.0",4,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
33,1,,24761-020000,, "NIPPLE PT1/8, GREASE",1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
34,1,,26013-100202,, "BOLT W/WASHER M10X20",2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
35,1,,26013-100302,, "BOLT M10X 30",3,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
36,1,,26013-120352,, "BOLT M12X 35",1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
37,1,,26116-100162,, "BOLT M10X 16 PLATED",4,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
38,1,,26116-100202,, "BOLT M10X 20 PLATED",1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
39,1,,26116-100202,, "BOLT M10X 20 PLATED",2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
40,1,,26716-080002,, "NUT M 8",6,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
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41,1,,26716-120002,, "NUT M12",1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
42,1,,26716-080002,, "NUT M 8",1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
42-1,1,,26051-080002,, "NUT M 8",1,,,,,,N,,72148113,M10676,,,,,,,,,,,,,I
43,1,,26756-120002,, "LOCK NUT M12 PLATED",2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
44,1,,933110-54100,, "PIN 4.75X14",1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
45,1,,933171-21700,, "PIN (B), SPOOL LINK",1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
46,1,,172112-41960,, "PIN 8X25.5",1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
47,1,,172141-43150,, "HOOK, PEDAL",1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
48,1,,172141-43160,, "BLACK, PEDAL LOCK",1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
49,1,,172151-46170,, LOD(B),1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
49-1,1,,172151-46180,, "ROD (B)",1,,,,,,N,,72148113,M10676,,,,,,,,,,,,,I
50,1,,172151-46520,, "LINK 3RD, W/BUSH",1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
51,2,,172141-41360,, "BUSH 1415",2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
53,1,,172151-46540,, "BRACKET, 3RD LEVER",1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
54,1,,1C6281-52310,, "PIN 6, COME-OFF SNAP",1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
55,1,,22137-080000,, "WASHER 8, POLISHED",1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
56,1,,26013-100402,, "BOLT M10X 40",1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
57,1,,26116-100252,, "BOLT M10X 25 PLATED",2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
58,1,,22217-100000,, "SPRING WASHER 10",2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
59,1,,172112-41380,, "SHAFT, BLADE LEVER",1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
60,1,,22417-400400,, "COTTER PIN 4.0X40",1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
61,1,,172122-45670,, "BRACKET (B), LINK",1,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
62,1,,22137-080000,, "WASHER 8, POLISHED",3,,,,,,W,,72148113,M10676,,,,,,,,,,,,,I

Fig. **22** CONTROL EQUIPMENT (3RD VALVE)



1,1,,172151-53300,, "WEIGHT, COUNTER(L)",1,,,,,,,,,,,,,
2,1,,172151-53360,, "WEIGHT, COUNTER(R)",1,,,,,,,,,,,,,
3,1,,172151-53410,, "WEIGHT, CENTER",1,,,,,,,,,,,,,
4,1,,172151-53430,, GROMMET,4,,,,,,,,,,,,,
5,1,,933147-08501,, "WASHER 17X40X4.5",6,,,,,,,,,,,,,
6,1,,22217-160000,, "SPRING WASHER 16",8,,,,,,,,,,,,,
7,1,,26116-160502,, "BOLT M16X 50 PLATED",2,,,,,,,,,,,,,
8,1,,26116-160602,, "BOLT M16X 60 PLATED",4,,,,,,,,,,,,,
9,1,,26116-161102,, "BOLT M16X110 PLATED",2,,,,,,,,,,,,,
10,1,,172151-54101,, "FRAME, TURNING",1,,,,,,,,,,,,,
11,1,,172151-54810,, "BAR, CLOSE",1,,,,,,,,,,,,,
12,1,,26013-120302,, "BOLT W/WASHER M12X30",3,,,,,,,,,,,,,

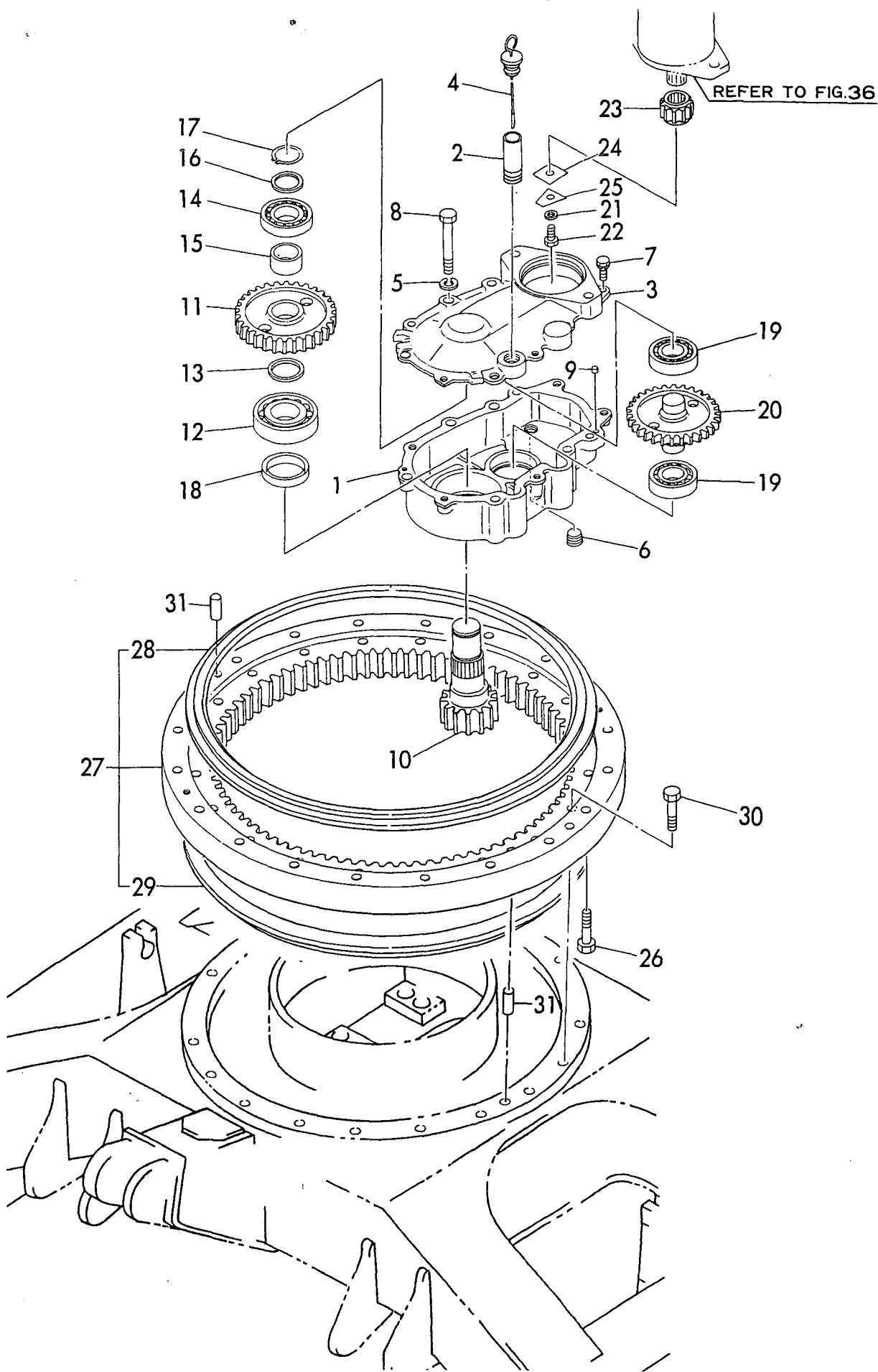
Fig. **23** TURNING FRAME <https://truckmanualshub.com/>



1,1,,172122-57100,, "HOUSING, REVOLVE GEAR",1,,,,,,,,,,,,,
2,1,,172151-57100,, "PIPE, GAUGE",1,,,,,,,,,,,,,
3,1,,172122-57110,, "COVER, GEAR HOUSING",1,,,,,,,,,,,,,
4,1,,172151-57110,, "GAUGE, OIL LEVEL",1,,,,,,,,,,,,,
5,1,,22217-140000,, "SPRING WASHER 14",5,,,,,,,,,,,,,
6,1,,23871-060000,, "PLUG PT3/4, SCREW",1,,,,,,,,,,,,,
7,1,,26013-120302,, "BOLT W/WASHER M12X30",5,,,,,,,,,,,,,
8,1,,26116-141102,, "BOLT M14X110 PLATED",5,,,,,,,,,,,,,
9,1,,933110-22800,, "PIN 8X10",2,,,,,,,,,,,,,
10,1,,172124-57300,, "PINION, REVOLVE",1,,,,,,,,,,,,,
11,1,,172122-57310,, "GEAR, PINION SHAFT",1,,,,,,,,,,,,,
12,1,,172124-57310,, BEARING,1,,,,,,,,,,,,,
13,1,,172124-57320,, COLLAR,1,,,,,,,,,,,,,
14,1,,172124-57330,, BEARING,1,,,,,,,,,,,,,
15,1,,172116-57350,, "COLLAR (B), PINION",1,,,,,,,,,,,,,
16,1,,172116-57361,, "COLLAR (C), PINION",1,,,,,,,,,,,,,
17,1,,22242-000450,, "CIRCLIP 45",1,,,,,,,,,,,,,
18,1,,933171-13410,, "SEAL TCX6 628012, OIL",1,,,,,,,,,,,,,
19,1,,172124-57340,, BEARING,2,,,,,,,,,,,,,
20,1,,172122-57400,, "GEAR, SECOND",1,,,,,,,,,,,,,
21,1,,194740-00160,, "WASHER 10, CONICAL",1,,,,,,,,,,,,,
22,1,,195185-14890,, "BOLT M10X 26",1,,,,,,,,,,,,,
23,1,,172147-57500,, "GEAR 13",1,,,,,,,,,,,,,
24,1,,172122-57510,, "SPACER, MOTOR GEAR",1,,,,,,,,,,,,,
25,1,,172122-57520,, STOPPER,1,,,,,,,,,,,,,
26,1,,172112-57510,, "BOLT M16X 90",20,,,,,,,,,,,,,
26-1,1,,172162-57650,, "BOLT M16X90",20,,,,,,N,,72158017,M11677,,,,,,I
27,1,,172124-57600,, "BEARING, REVOLVE",1,,,,,,,,,,,,,
28,2,,172124-57620,, "SEAL, UPPER",1,,,,,,,,,,,,,
29,2,,172124-57630,, "SEAL, LOWER",1,,,,,,,,,,,,,
30,1,,172124-57610,, "BOLT M16X80",20,,,,,,,,,,,,,
31,1,,172122-57620,, "PARALLEL PIN 13X36",4,,,,,,,,,,,,,

Fig. **24** TURNING DRIVING GEARS

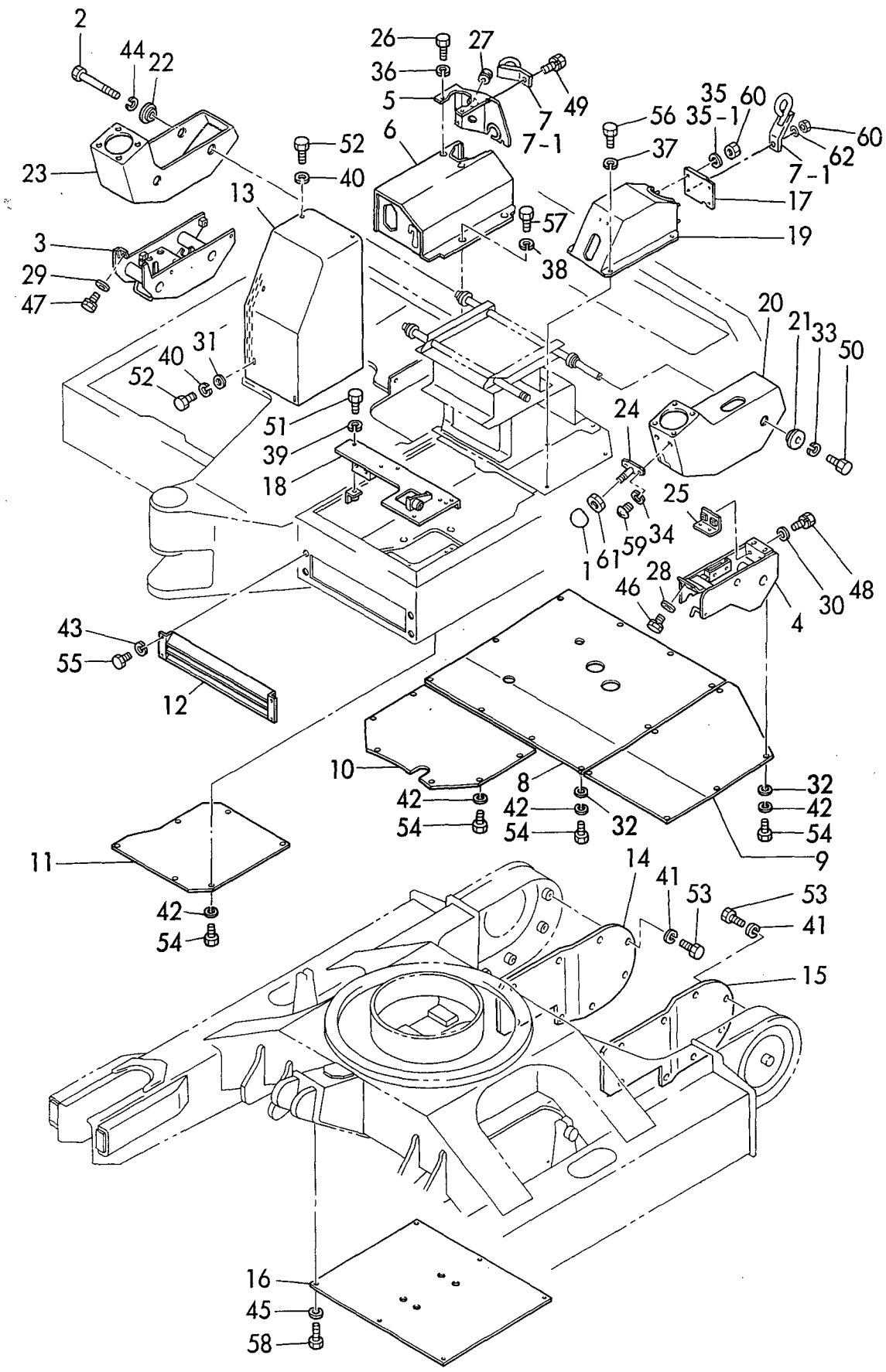
<https://trackmanualshub.com/>



1,1,,172510-45180,, "KNOB 40",1,,,,,,,,,,,,,
2,1,,1A1040-56850,, "BOLT, 5T, 12X143-16",2,,,,,,,,,,,,,
3,1,,172151-60100,, "STAND(R), LEVER",1,,,,,,,,,,,,,
4,1,,172151-60200,, "STAND(L), LEVER",1,,,,,,,,,,,,,
5,1,,172151-61000,, "COVER ASSY",1,,,,,,,,,,,,,
6,1,,172151-61040,, COVER(R),1,,,,,,,,,,,,,
7,1,,172151-61070,, "GUIDE ASSY",1,,,,,,,,,,,,,
7-1,1,,172151-61070,, "GUIDE ASSY",2,,,,,,K,, 72151131,M10501,,,,,,,,,,I
8,1,,172151-61100,, COVER(A),1,,,,,,,,,,,,,
9,1,,172151-61110,, COVER(B),1,,,,,,,,,,,,,
10,1,,172151-61120,, COVER(C),1,,,,,,,,,,,,,
11,1,,172151-61130,, COVER(D),1,,,,,,,,,,,,,
12,1,,172151-61170,, GRILL,1,,,,,,,,,,,,,
13,1,,172151-61290,, "COVER, TANK",1,,,,,,,,,,,,,
14,1,,172147-61300,, "COVER(R), DRIVING",1,,,,,,,,,,,,,
15,1,,172147-61310,, "COVER(L), DRIVING",1,,,,,,,,,,,,,
16,1,,172147-61450,, "COVER, UNDER",1,,,,,,,,,,,,,
17,1,,172151-61580,, "PLATE, SEAT",1,,,,,,,,,,,,,
18,1,,172151-61600,, COVER(E),1,,,,,,,,,,,,,
19,1,,172151-61960,, COVER(L),1,,,,,,,,,,,,,
19-1,1,,172151-61961,, COVER(L),1,,,,,,S,, 72151118,M01280,,,,,,,,,,I
20,1,,172151-62450,, "COVER(L), FRP",1,,,,,,,,,,,,,
21,1,,172151-62540,, SPACER,1,,,,,,,,,,,,,
22,1,,172151-62550,, SPACER,2,,,,,,,,,,,,,
23,1,,172151-62600,, "COVER(R), FRP",1,,,,,,,,,,,,,
24,1,,172151-62650,, "BRACKET, KNOB",1,,,,,,,,,,,,,
25,1,,172151-62680,, "BRACKET, SWITCH",1,,,,,,,,,,,,,
26,1,,26116-080162,, "BOLT M 8X 16 PLATED",4,,,,,,,,,,,,,
27,1,,172137-66230,, GROMMET,2,,,,,,,,,,,,,
28,1,,22137-080000,, "WASHER 8, POLISHED",4,,,,,,,,,,,,,
28-1,1,,22157-080000,, "WASHER 8",4,,,,,,R,, 72151118,M00501,,,,,,,,,,I
29,1,,22137-080000,, "WASHER 8, POLISHED",2,,,,,,,,,,,,,
29-1,1,,22157-080000,, "WASHER 8",2,,,,,,R,, 72151118,M00501,,,,,,,,,,I
30,1,,22137-080000,, "WASHER 8, POLISHED",2,,,,,,,,,,,,,
31,1,,22137-100000,, "WASHER 10, POLISHED",3,,,,,,,,,,,,,
32,1,,22137-100000,, "WASHER 10, POLISHED",16,,,,,,,,,,,,,
33,1,,22137-120000,, "WASHER 12, POLISHED",1,,,,,,,,,,,,,
34,1,,22217-080000,, "SPRING WASHER 8",2,,,,,,,,,,,,,
35,1,,22217-080000,, "SPRING WASHER 8",4,,,,,,,,,,,,,
35-1,1,,22217-080000,, "SPRING WASHER 8",3,,,,,,K,, 72151131,M10501,,,,,,,,,,I
36,1,,22217-080000,, "SPRING WASHER 8",4,,,,,,,,,,,,,
37,1,,22217-100000,, "SPRING WASHER 10",4,,,,,,,,,,,,,
38,1,,22217-100000,, "SPRING WASHER 10",4,,,,,,,,,,,,,
39,1,,22217-100000,, "SPRING WASHER 10",2,,,,,,,,,,,,,
40,1,,22217-100000,, "SPRING WASHER 10",5,,,,,,,,,,,,,
41,1,,22217-100000,, "SPRING WASHER 10",16,,,,,,,,,,,,,
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43,1,,22217-100000,, "SPRING WASHER 10",4,,,,,,,,,,,,,
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45,1,,22217-120000,, "WASHER 12, SPRING",6,,,,,,,,,,,,,
46,1,,26013-080122,, "BOLT M 8X 12",4,,,,,,,,,,,,,
46-1,1,,26013-080162,, "BOLT W/WASHER
M8X16",4,,,,,,R,, 72151118,M00501,,,,,,,,,,I
47,1,,26013-080122,, "BOLT M 8X 12",2,,,,,,,,,,,,,
47-1,1,,26013-080162,, "BOLT W/WASHER
M8X16",2,,,,,,R,, 72151118,M00501,,,,,,,,,,I
48,1,,26013-080202,, "BOLT W/WASHER M8X20",2,,,,,,,,,,,,,
49,1,,26013-100202,, "BOLT W/WASHER M10X20",1,,,,,,,,,,,,,
50,1,,26013-120202,, "BOLT W/WASHER M12X20",1,,,,,,,,,,,,,
51,1,,26116-100202,, "BOLT M10X 20 PLATED",2,,,,,,,,,,,,,
52,1,,26116-100202,, "BOLT M10X 20 PLATED",5,,,,,,,,,,,,,
53,1,,26116-100202,, "BOLT M10X 20 PLATED",16,,,,,,,,,,,,,
54,1,,26116-100202,, "BOLT M10X 20 PLATED",28,,,,,,,,,,,,,

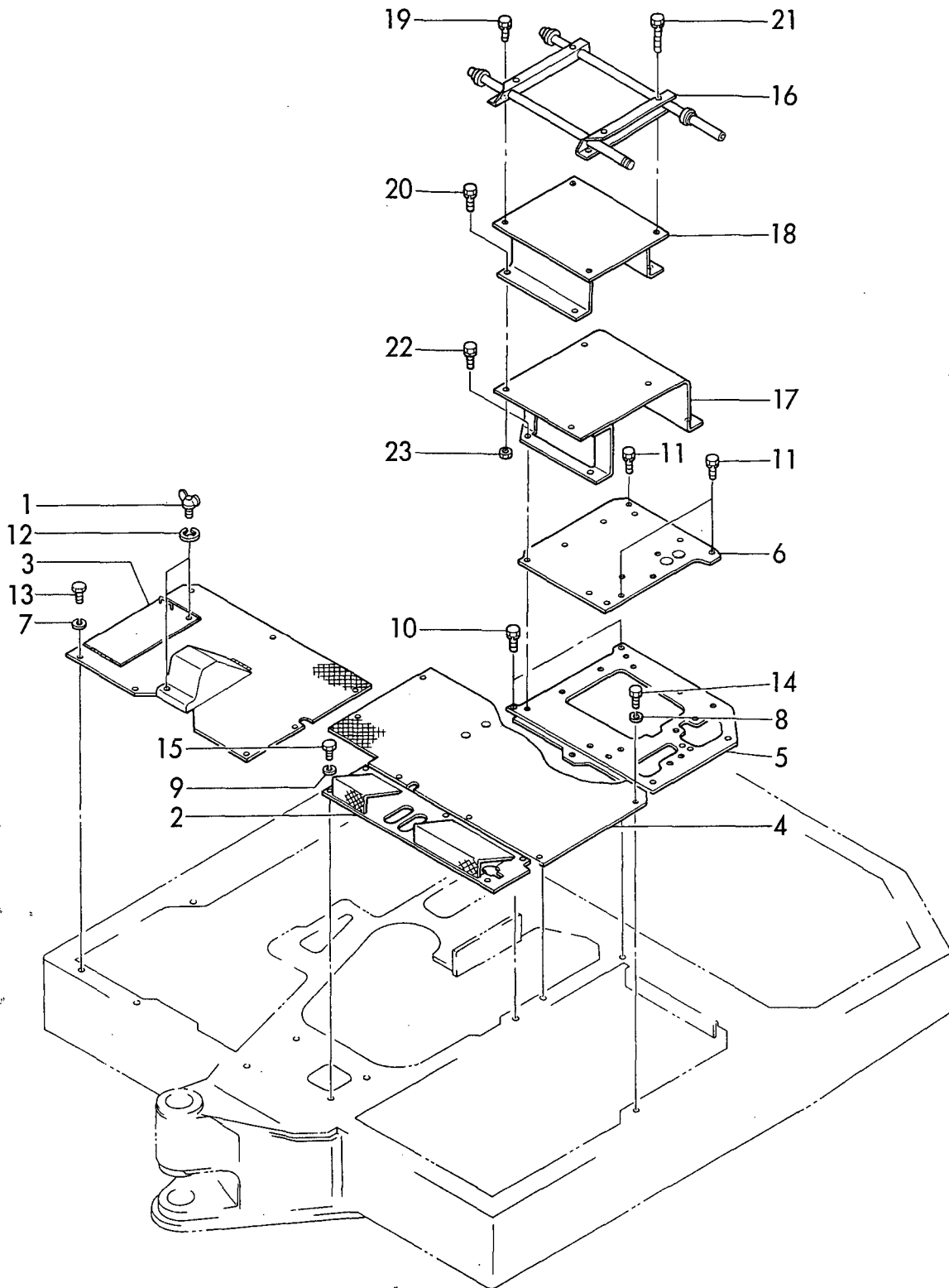
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57,1,,26116-100252,, "BOLT M10X 25 PLATED",4,,,,,,,,,,,,,
58,1,,26116-120252,, "BOLT M12X 25 PLATED",6,,,,,,,,,,,,,
59,1,,26557-080202,, "SCREW M 8X 20",2,,,,,,,,,,,,,
60,1,,26717-080002,, "NUT M 8",4,,,,,,,,,,,,,
61,1,,26756-120002,, "LOCK NUT M12 PLATED",1,,,,,,,,,,,,,
62,1,,22137-080000,, "WASHER 8, POLISHED",1,,,,,W,,72151131,M10501,,,,,,,,,I

Fig. **25** FRAME COVER <https://truckmanualshub.com/>



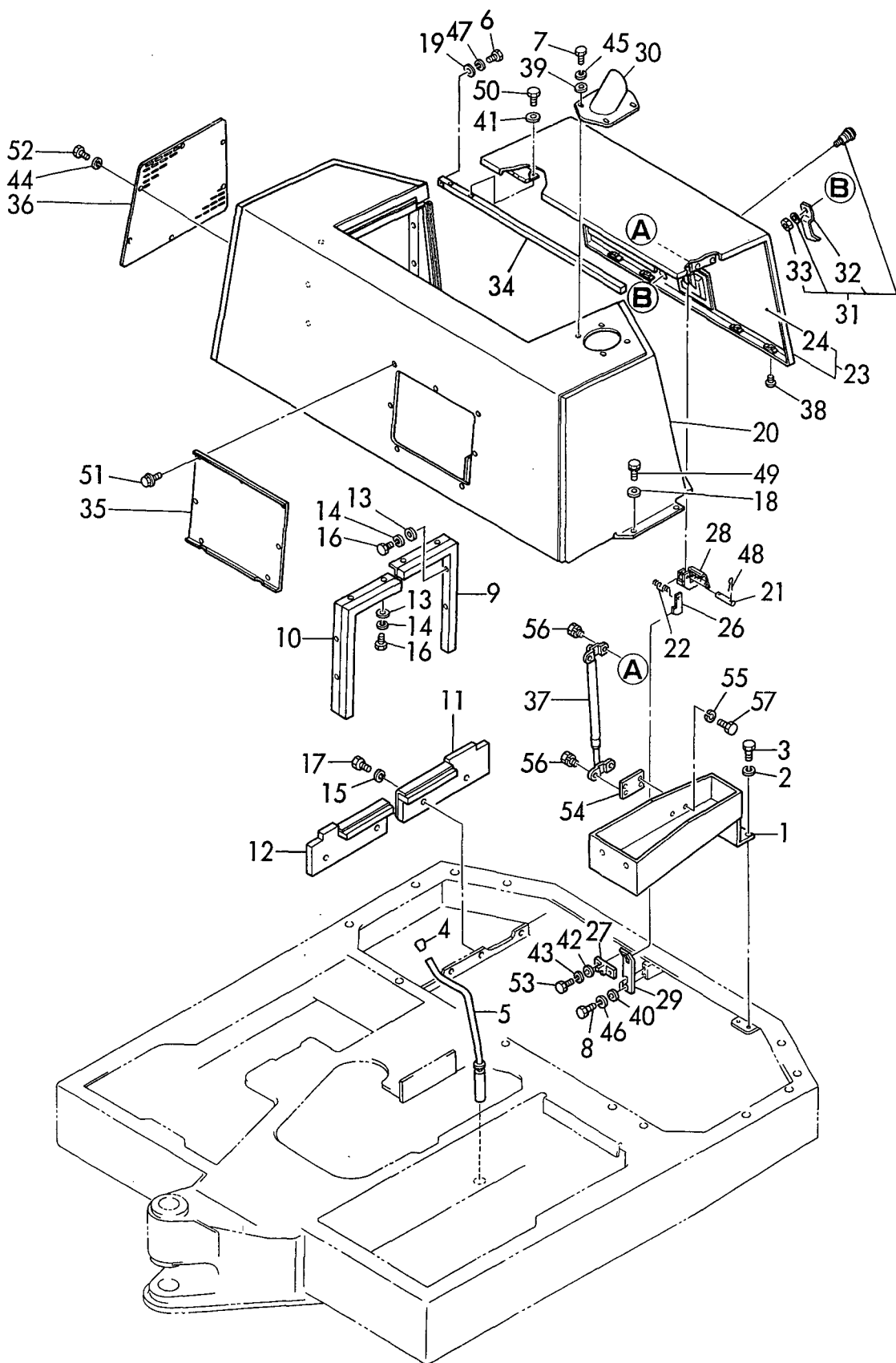
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2,1,,172148-62100,, "STEP, FRONT",1,,,,,,,,,,,,,
3,1,,172151-62350,, STEP(T),1,,,,,,,,,,,,,
4,1,,172151-62430,, STEP(B),1,,,,,,,,,,,,,
5,1,,172151-62710,, STEP(A),1,,,,,,,,,,,,,
5-1,1,,172151-62711,, STEP(A),1,,,,,S,,72151118,M01280,,,,,,I
6,1,,172151-62410,, STEP(D),1,,,,,,,,,,,,,
6-1,1,,172151-62411,, STEP(D),1,,,,,S,,72151118,M01280,,,,,,I
7,1,,22217-100000,, "SPRING WASHER 10",7,,,,,,,,,,,,,
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9,1,,22217-100000,, "SPRING WASHER 10",5,,,,,,,,,,,,,
9-1,1,,22217-100000,, "SPRING WASHER 10",3,,,,,K,,72151110,M00501,,,,,,I
10,1,,26013-100252,, "BOLT W/WASHER M10X25",2,,,,,,,,,,,,,
11,1,,26013-100252,, "BOLT W/WASHER M10X25",3,,,,,,,,,,,,,
12,1,,22272-000090,, "CIRCLIP E- 9",2,,,,,,,,,,,,,
13,1,,26116-100202,, "BOLT M10X 20 PLATED",7,,,,,,,,,,,,,
14,1,,26116-100202,, "BOLT M10X 20 PLATED",8,,,,,,,,,,,,,
15,1,,26116-100202,, "BOLT M10X 20 PLATED",5,,,,,,,,,,,,,
15-1,1,,26116-100202,, "BOLT M10X 20
PLATED",3,,,,,K,,72151110,M00501,,,,,,I
16,1,,172151-64300,, "MOUNT ASSY, SEAT",1,,,,,,,,,,,,,
17,1,,172151-64400,, "MOUNT (A), SEAT",1,,,,,,,,,,,,,
18,1,,172151-64430,, "MOUNT (B), SEAT",1,,,,,,,,,,,,,
19,1,,26013-080202,, "BOLT W/WASHER M8X20",2,,,,,,,,,,,,,
19-1,1,,26013-080162,, "BOLT W/WASHER
M8X16",2,,,,,R,,72151118,M00501,,,,,,I
20,1,,26013-080202,, "BOLT W/WASHER M8X20",4,,,,,,,,,,,,,
21,1,,26013-080452,, "BOLT M 8X 45",2,,,,,,,,,,,,,
22,1,,26013-100252,, "BOLT W/WASHER M10X25",4,,,,,,,,,,,,,
23,1,,26717-080002,, "NUT M 8",4,,,,,,,,,,,,,

Fig. **26** SEAT MOUNT & STEP <https://truckmanualshub.com/>



1,1,,172151-05400,, "BOX, TOOL",1,,,,,,,,,,,,,
2,1,,22217-100000,, "SPRING WASHER 10",2,,,,,,,,,,,,,
3,1,,26116-100202,, "BOLT M10X 20 PLATED",2,,,,,,,,,,,,,
4,1,,172116-46630,, "KNOB, LOCK LEVER",1,,,,,,,,,,,,,
5,1,,172151-58850,, PIN,1,,,,,,,,,,,,,
6,1,,26116-100402,, "BOLT M10X 40 PLATED",2,,,,,,,,,,,,,
7,1,,26116-080202,, "BOLT M 8X 20 PLATED",4,,,,,,,,,,,,,
8,1,,26116-100202,, "BOLT M10X 20 PLATED",2,,,,,,,,,,,,,
9,1,,172151-62800,, COVER(L),1,,,,,,,,,,,,,
10,1,,172151-62810,, "COVER(R), AIR DUCT",1,,,,,,,,,,,,,
11,1,,172151-62860,, PLATE,1,,,,,,,,,,,,,
12,1,,172151-62870,, PLATE,1,,,,,,,,,,,,,
13,1,,22157-060000,, "WASHER 6",8,,,,,,,,,,,,,
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17,1,,26116-100202,, "BOLT M10X 20 PLATED",4,,,,,,,,,,,,,
18,1,,194145-04810,, "WASHER 10",12,,,,,,,,,,,,,
19,1,,194145-04810,, "WASHER 10",2,,,,,,,,,,,,,
20,1,,172151-65102,, BONNET(A),1,,,,,,,,,,,,,
21,1,,172734-65260,, "PIN, BONNET LEVER",1,,,,,,,,,,,,,
22,1,,172734-65270,, "SPRING, CATCH",1,,,,,,,,,,,,,
23,1,,172151-65750,, BONNET(B),1,,,,,,,,,,,,,
24,2,,172151-65481,, BONNET(B),1,,,,,,,,,,,,,
26,1,,172124-65450,, "LEVER, LOCK",1,,,,,,,,,,,,,
27,1,,172126-65460,, HOOK,1,,,,,,,,,,,,,
28,1,,172124-65480,, CATCHER,1,,,,,,,,,,,,,
29,1,,172124-65490,, "PLATE,CATCH",1,,,,,,,,,,,,,
30,1,,172112-65501,, "PIPE,EXH.EXTENSION",1,,,,,,,,,,,,,
31,1,,172126-65500,, KEY,1,,,,,,,,,,,,,
32,2,,172126-65571,, "WASHER LOCK",1,,,,,,,,,,,,,
33,2,,26347-100002,, "U-NUT M10",1,,,,,,,,,,,,,
34,1,,172151-65500,, "STAY, HINGE",1,,,,,,,,,,,,,
35,1,,172151-65510,, "COVER, BONNET",1,,,,,,,,,,,,,
36,1,,172151-65540,, GRILL,1,,,,,,,,,,,,,
37,1,,172142-65530,, "SPRING, GAS",1,,,,,,M,,,,,,,,,,,,,
37-1,1,,172124-65530,, "SPRING, GAS",1,,,,,,,,,,,,,I
38,1,,172137-65700,, "RUBBER, CUSHION",4,,,,,,,,,,,,,
39,1,,22137-080000,, "WASHER 8, POLISHED",4,,,,,,,,,,,,,
40,1,,22137-100000,, "WASHER 10,POLISHED",2,,,,,,,,,,,,,
41,1,,22137-100000,, "WASHER 10,POLISHED",4,,,,,,,,,,,,,
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43,1,,22217-080000,, "SPRING WASHER 8",2,,,,,,,,,,,,,
44,1,,22217-080000,, "SPRING WASHER 8",6,,,,,,,,,,,,,
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46,1,,22217-100000,, "SPRING WASHER 10",2,,,,,,,,,,,,,
47,1,,22217-100000,, "SPRING WASHER 10",2,,,,,,,,,,,,,
48,1,,22417-200200,, "COTTER PIN 2.0X20",2,,,,,,,,,,,,,
49,1,,26013-100252,, "BOLT W/WASHER M10X25",12,,,,,,,,,,,,,
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51,1,,26106-100162,, "BOLT M10X 16 PLATED",7,,,,,,,,,,,,,
52,1,,26116-080162,, "BOLT M 8X 16 PLATED",6,,,,,,,,,,,,,
53,1,,26116-080202,, "BOLT M 8X 20 PLATED",2,,,,,,,,,,,,,
54,1,,172151-65780,, PLATE,1,,,,,,,,,,,,,
55,1,,22217-100000,, "SPRING WASHER 10",2,,,,,,,,,,,,,
56,1,,26013-060162,, "BOLT M 6X 16",4,,,,,,,,,,,,,
57,1,,26116-100202,, "BOLT M10X 20 PLATED",2,,,,,,,,,,,,,

Fig. **27** BONNET

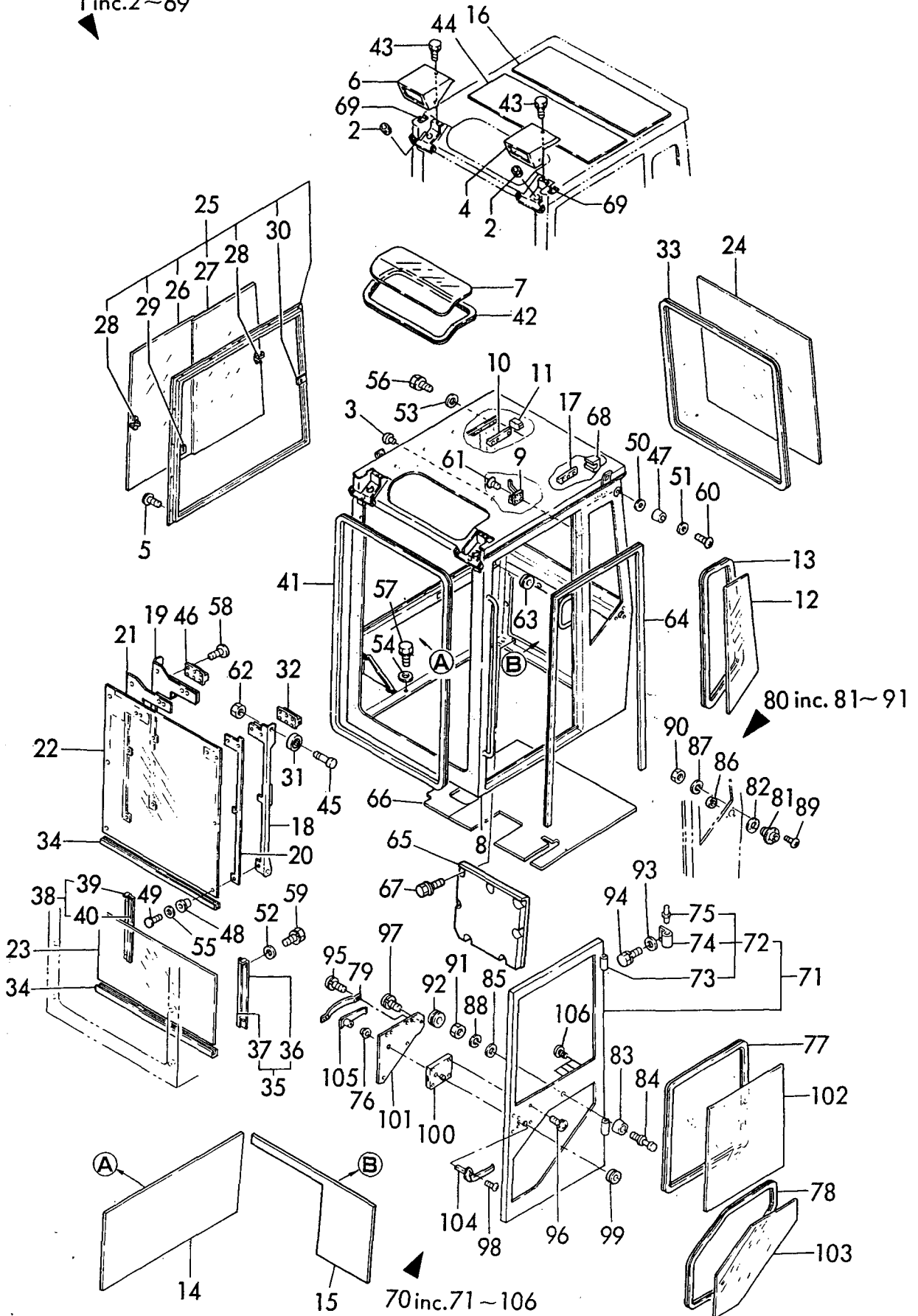


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2,2,,172110-75450,, GROMMET,2,,,,,,,,,,,,,
3,2,,194150-24270,, "SCREW CAP 13",2,,,,,,,,,,,,,
4,2,,172142-68890,, "COVER, LIGHT L",1,,,,,,,,,,,,,
5,2,,172137-46210,, SCREW,18,,,,,,,,,,,,,
6,2,,172142-68900,, "COVER, LIGHT R",1,,,,,,,,,,,,,
7,2,,172142-68920,, "PLATE, ACRYL",1,,,,,,,,,,,,,
8,2,,172151-68590,, "CABIN, T",1,,,,,,,,,,,,,
9,2,,172119-68590,, "RACK, HAT",1,,,,,,,,,,,,,
10,2,,172135-68820,, "MOUNT, LOCK",1,,,,,,,,,,,,,
11,2,,172135-68830,, CUSHION,2,,,,,,,,,,,,,
12,2,,172125-68870,, "GLASS, SIDE",1,,,,,,,,,,,,,
13,2,,172125-68880,, "SEAL (C), SIDE",1,,,,,,,,,,,,,
14,2,,172125-68900,, "TRIM, SIDE",1,,,,,,,,,,,,,
15,2,,172151-68530,, "TRIM, REAR",1,,,,,,,,,,,,,
16,2,,172125-68920,, "TRIM, ROOF(B)",1,,,,,,M,,,,,
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17,2,,172137-68940,, PLATE,1,,,,,,,,,,,,,
18,2,,172135-69010,, "FRAME (L), GLASS",1,,,,,,,,,,,,,
19,2,,172135-69030,, "FRAME (R), GLASS",1,,,,,,,,,,,,,
20,2,,172135-69070,, "GASKET, FRAME (L)",1,,,,,,,,,,,,,
21,2,,172135-69080,, "GASKET, FRAME (R)",1,,,,,,,,,,,,,
22,2,,172135-69140,, "GLASS, FRONT",1,,,,,,,,,,,,,
23,2,,172135-69150,, "GLASS, FRONT LOWER",1,,,,,,,,,,,,,
24,2,,172135-69190,, "GLASS, REAR",1,,,,,,,,,,,,,
25,2,,172135-69200,, "SASH ASSY",1,,,,,,,,,,,,,
26,3,,172135-69210,, "GLASS, SASH (A)",1,,,,,,,,,,,,,
27,3,,172135-69220,, "GLASS, SASH (B)",1,,,,,,,,,,,,,
28,3,,172122-69350,, "LOCK, WINDOW",2,,,,,,,,,,,,,
29,3,,172122-69360,, "HOLDER(F), LOCK",1,,,,,,,,,,,,,
30,3,,172122-69370,, "HOLDER(R), LOCK",1,,,,,,,,,,,,,
31,2,,24104-062004,, "BALL BEARING",4,,,,,,,,,,,,,
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33,2,,172135-69290,, "SEAL (D), REAR",1,,,,,,,,,,,,,
34,2,,172135-69300,, "RUBBER (A)",2,,,,,,,,,,,,,
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36,3,,172135-69340,, "SUPPORT (A L)",1,,,,,,,,,,,,,
37,3,,172135-69360,, RUBBER,1,,,,,,,,,,,,,
38,2,,172135-69330,, "SUPPORT (A R)ASSY",1,,,,,,,,,,,,,
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41,2,,172135-69420,, "SEAL, FRONT GLASS",1,,,,,,,,,,,,,
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46,2,,172137-69570,, LATCH(R),1,,,,,,,,,,,,,
47,2,,172117-69600,, "RUBBER, CUSHION",1,,,,,,,,,,,,,
48,2,,172137-69651,, "COLLAR, GLASS",7,,,,,,,,,,,,,
49,2,,172137-69840,, SCREW,7,,,,,,,,,,,,,
50,2,,172122-69940,, "RUBBER, CUSHION",1,,,,,,,,,,,,,
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62,2,,26756-140002,, "LOCK NUT M14 PLATED",4,,,,,,,,,,,,,,,,,
63,2,,1A1140-58060,, GROMMET,2,,,,,,,,,,,,,,,,,
64,2,,172135-69430,, "SEAL, DOOR",1,,,,,,,,,,,,,,,,,
65,2,,172151-68500,, "REAR COVER, TRIM",1,,,,,,,,,,,,,,,,,
66,2,,172151-68650,, "MAT, FLOOR",1,,,,,,,,,,,,,,,,,
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68,2,,172135-69700,, RUBBER(A),2,,,,,,,,,,,,,,,,,
69,2,,172135-69710,, RUBBER(B),2,,,,,,,,,,,,,,,,,
70,1,,772135-68851,, "SIDE DOOR ASSY",1,,,,,,,,,,,,,,,,,
71,2,,172135-68851,, "DOOR ASSY, SIDE",1,,,,,,,,,,,,,,,,,
72,3,,172137-69410,, HINGE,2,,,,,,,,,,,,,,,,,
73,4,,172137-66640,, HINGE(A),2,,,,,,,,,,,,,,,,,
74,4,,172137-66650,, HINGE(B),2,,,,,,,,,,,,,,,,,
75,4,,172122-69390,, HINGE,2,,,,,,,,,,,,,,,,,
76,2,,172137-69220,, GROMMET,1,,,,,,,,,,,,,,,,,
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81,3,,172117-69640,, CATCH-FEMALE,1,,,,,,,,,,,,,,,,,
82,3,,172117-69650,, GASKET,1,,,,,,,,,,,,,,,,,
83,3,,172117-69660,, CUSHION,1,,,,,,,,,,,,,,,,,
84,3,,172117-69670,, CATCH-MALE,1,,,,,,,,,,,,,,,,,
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86,3,,172117-69690,, "CAP, KNOB",1,,,,,,,,,,,,,,,,,
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88,3,,22217-080000,, "SPRING WASHER 8",1,,,,,,,,,,,,,,,,,
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92,2,,172112-69790,, "PLUG 32X2",1,,,,,,,,,,,,,,,,,
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98,2,,26577-050122,, "SCREW M 5X 12",2,,,,,,,,,,,,,,,,,
99,2,,172137-66230,, GROMMET,1,,,,,,,,,,,,,,,,,
100,2,,172137-66240,, "LOCK, DOOR",1,,,,,,,,,,,,,,,,,
101,2,,172135-68950,, "COVER, LATCH",1,,,,,,,,,,,,,,,,,
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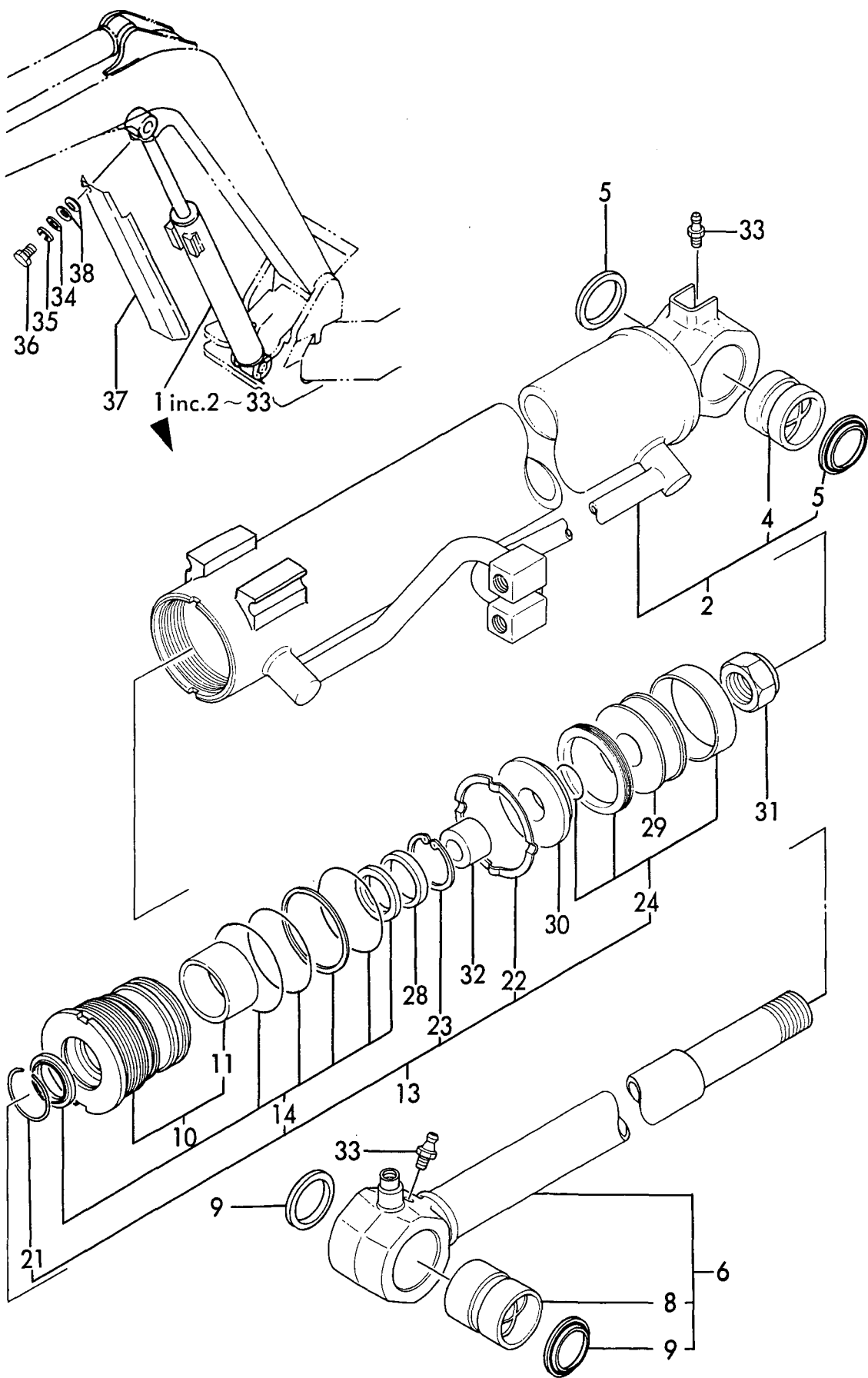
28

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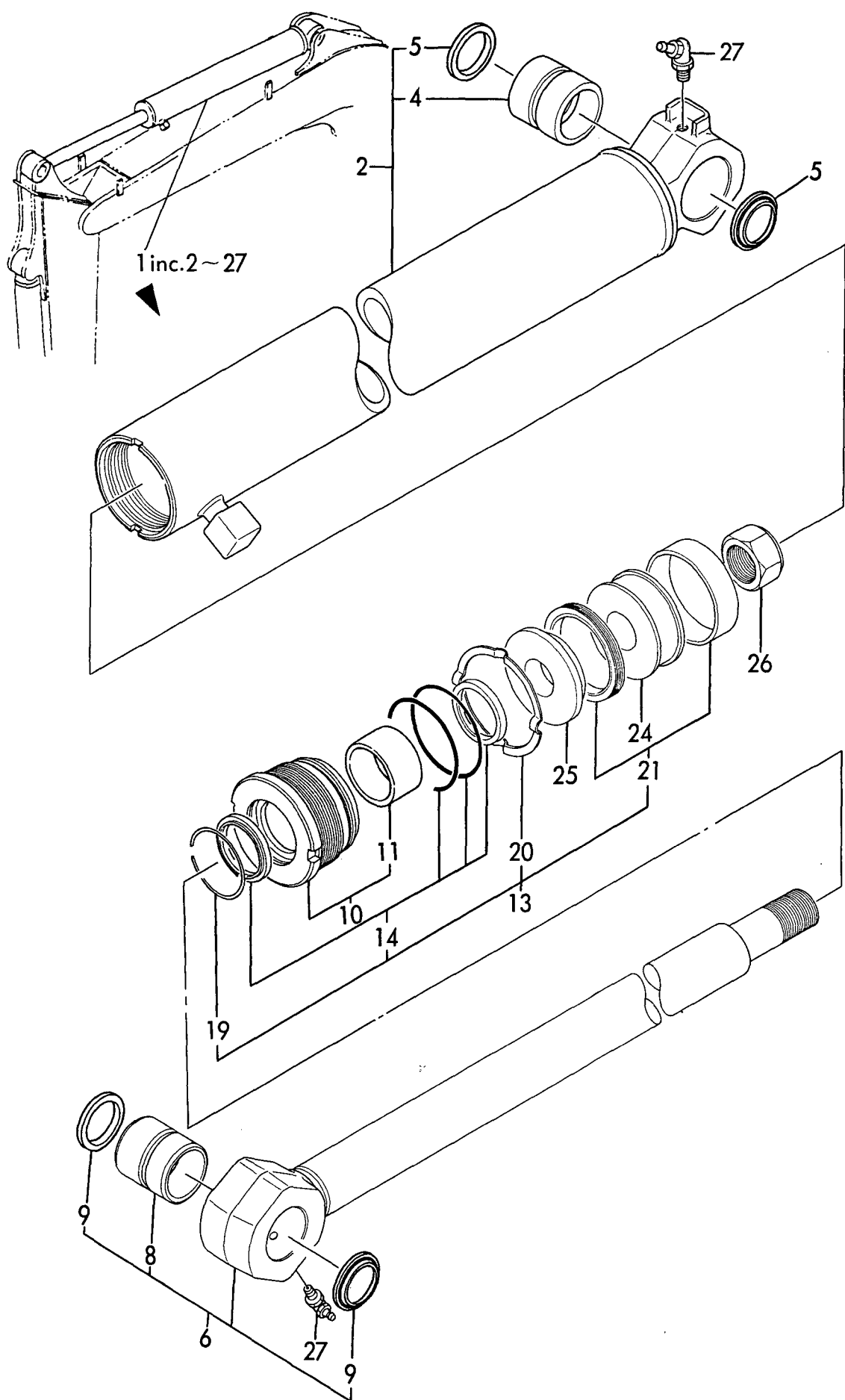
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21,3,,933126-00500,, "RING 72, SPRING",1,,,,,,
22,3,,172151-72290,, "LOCK WASHER",1,,,,,,
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Fig. **29** BOOM CYLINDER <http://truckmanualshub.com/>



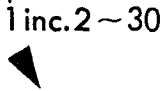
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26,2,,172151-72580,, "U-NUT M36",1,,,,,,,,,,,,,
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Fig. **30** ARM CYLINDER <https://truckmanualshub.com/>



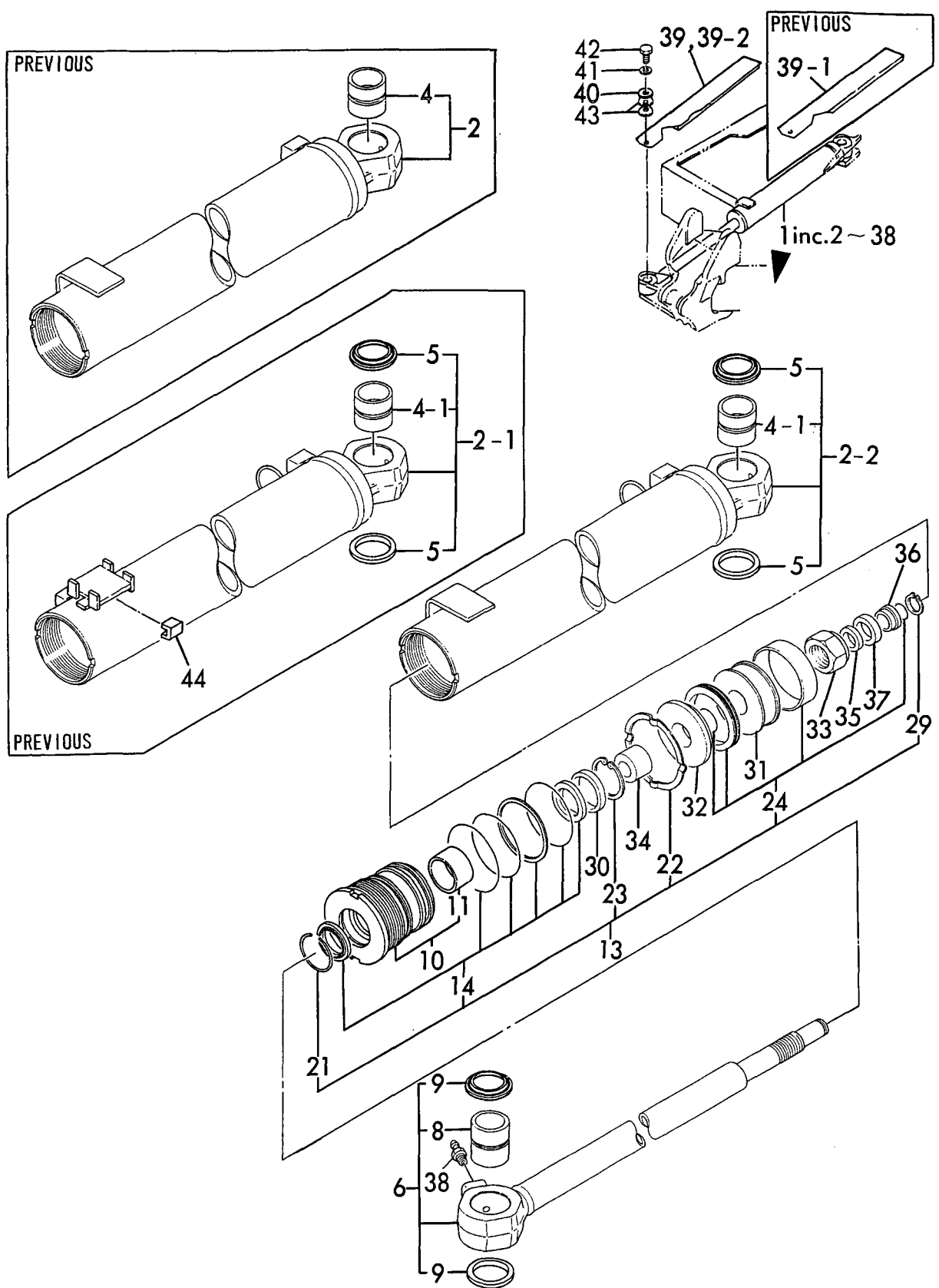
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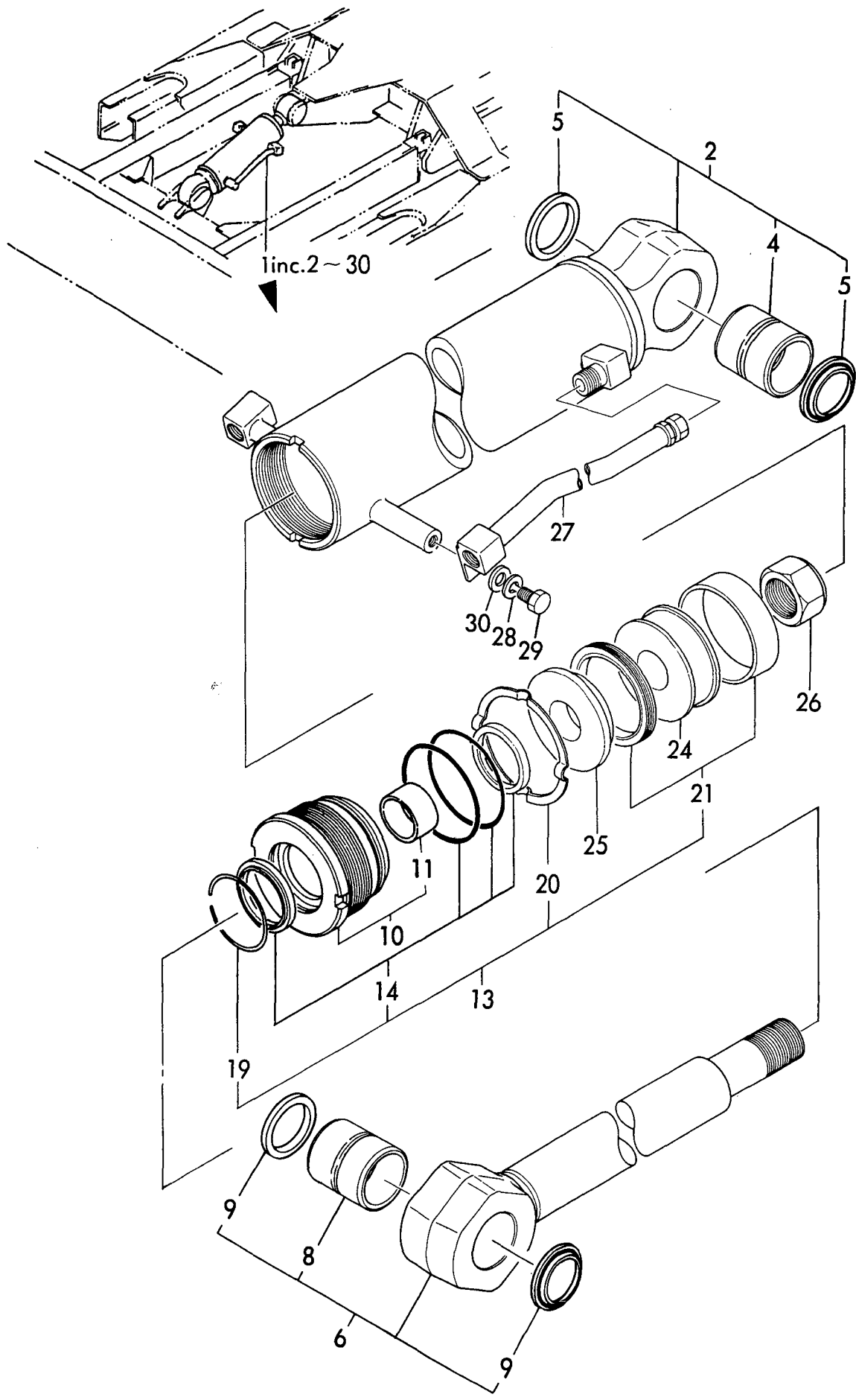


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31,2,,172151-72950,, "PISTON 90",1,,,,,,,,,,,,,
32,2,,172151-72960,, "SPACER 90 27 19",1,,,,,,,,,,,,,
33,2,,172141-72250,, "U-NUT M27",1,,,,,,,,,,,,,
34,2,,933127-23001,, "CUSHION PLUNGER 44 C",1,,,,,,,,,,,,,
35,2,,172137-72710,, "COLLAR 40B, CUSHION",1,,,,,,,,,,,,,
36,2,,172137-72720,, "COLLAR 40A, CUSHION",1,,,,,,,,,,,,,
37,2,,172135-72800,, "RING 40 B, CUSHION",1,,,,,,,,,,,,,
38,2,,24761-020000,, "NIPPLE PT1/8, GREASE",1,,,,,,,,,,,,,
39,1,,172151-72900,, "COVER, SWING",1,,,,,,,,,,,,,
39-1,1,,172151-72901,, "COVER, SWING",1,,,,,,S,, 72165040,M11813,,,,,,,,,I
39-2,1,,172151-72902,, "COVER, SWING",1,,,,,,S,, 72165186,M11937,,,,,,,,,I
40,1,,933147-03400,, "WASHER, BRAKE ARM",1,,,,,,,,,,,,,
41,1,,22217-100000,, "SPRING WASHER 10",1,,,,,,,,,,,,,
42,1,,26116-100162,, "BOLT M10X 16 PLATED",1,,,,,,,,,,,,,
43,1,,933168-14170,, "SPRING 16",2,,,,,,,,,,,,,
44,1,,172165-72420,, "GUIDE, SLIDE",2,,,,,,W,, 72165040,M11813,,,,,,,,,
44-1,1,,172165-72420,, "GUIDE, SLIDE",2,,,,,,Z,, 72165186,M11937,,,,,,,,,

Fig. **32** SWING CYLINDER <https://truckmanualshub.com/>



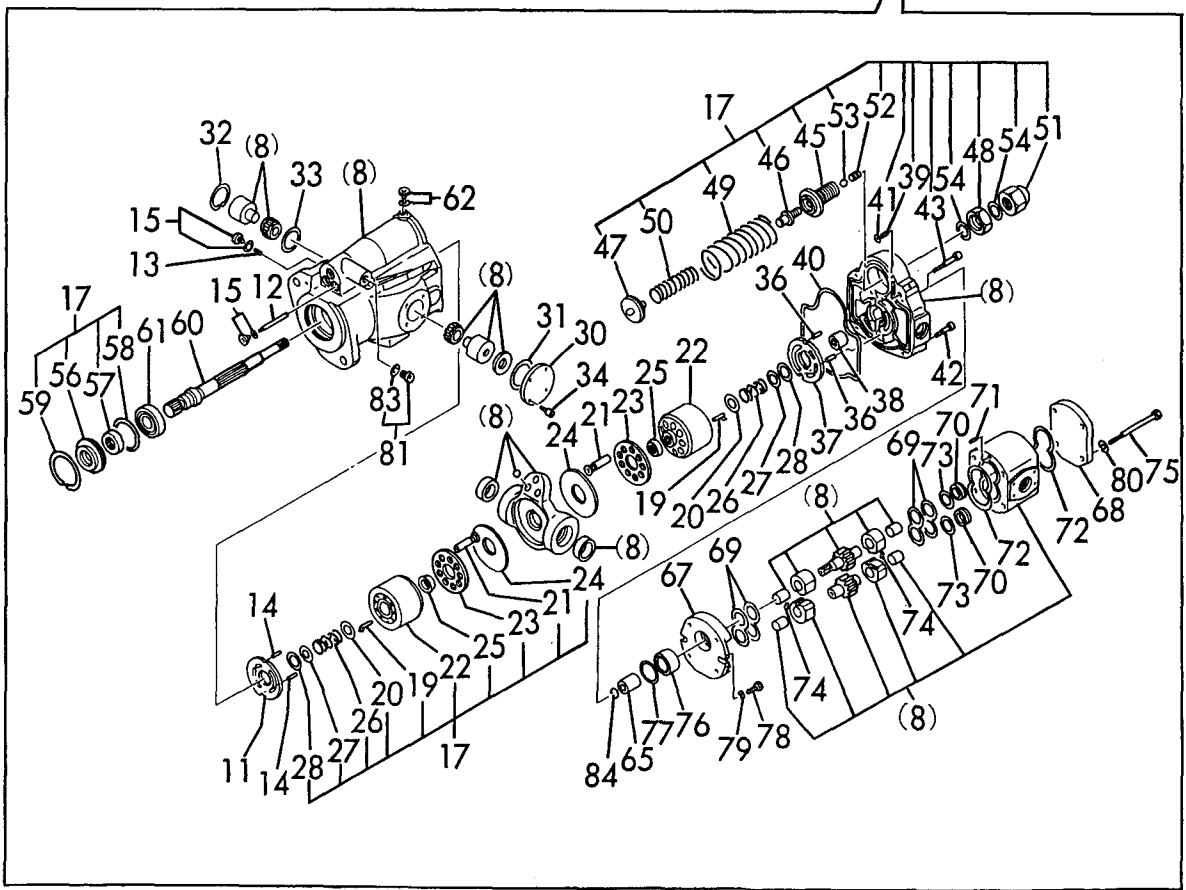
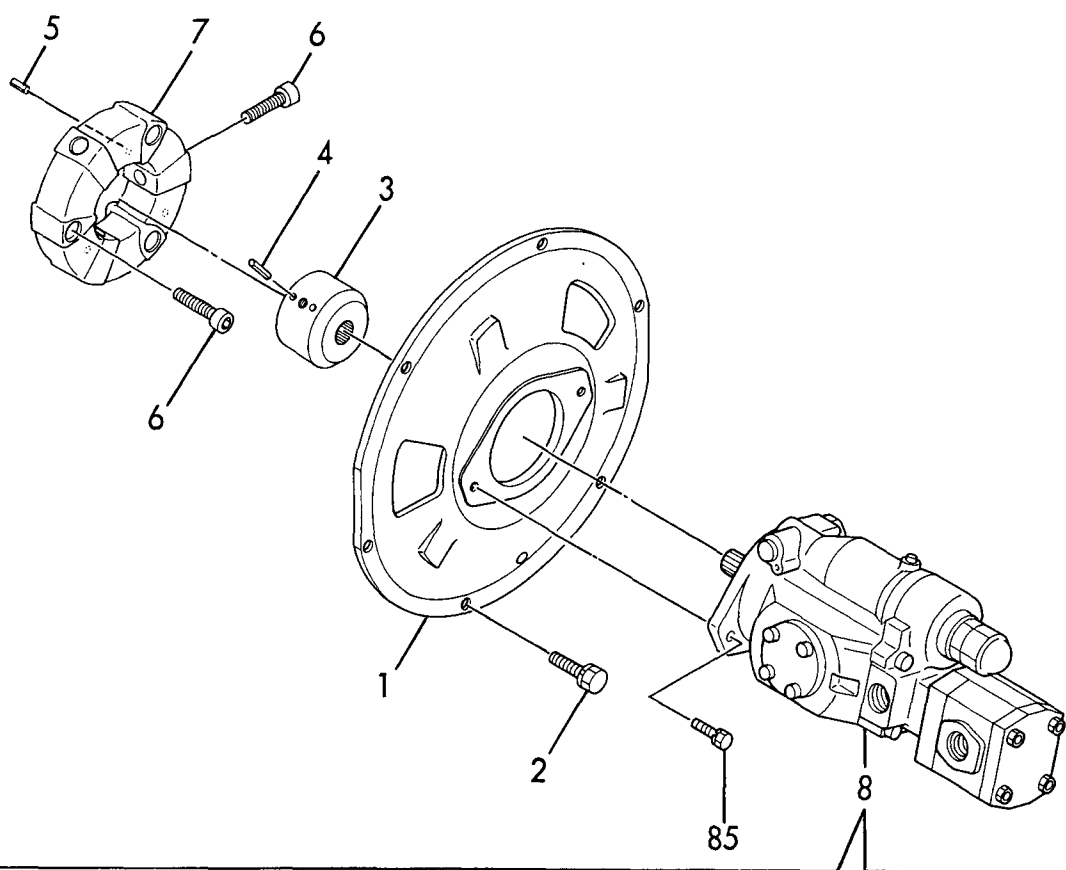
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2,2,,772151-71510,, "TUBE ASSY(BLADE",1,,,,,,,,,,,,,
2-1,2,,172151-72920,, "TUBE W/BUSH, BLADE",1,,,,,S,,72165061,M11937,,,,,,,,,I
4,3,,172151-71630,, "BUSH 45 60",1,,,,,,,,,,,,,
4-1,3,,172151-72670,, "BUSH 45 50",1,,,,,F,1,72165074,M11937,,,,,,,,,I
5,3,,933126-44500,, "SEAL VAY45X55X4,DUST",2,,,,,W,,72165061,M11937,,,,,,,,,I
6,2,,772151-71560,, "ROD ASSY(BLADE",1,,,,,,,,,,,,,
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8,3,,172151-71630,, "BUSH 45 60",1,,,,,,,,,,,,,
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9,3,,933126-44500,, "SEAL VAY45X55X4,DUST",2,,,,,W,,72165061,M11937,,,,,,,,,I
10,2,,172151-71590,, "HEAD 90 50",1,,,,,,,,,,,,,
11,3,,172151-72540,, "BUSH 50 35, ROD",1,,,,,,,,,,,,,
13,2,,172151-72940,, "CYLINDER KIT, BLADE",1,,,,,,,,,,,,,
14,3,,172151-71880,, "SEAL SET, HEAD",1,,,,,,,,,,,,,
19,3,,933111-26700,, "RING 65, SPRING",1,,,,,,,,,,,,,
20,3,,172151-72870,, "LOCK WASHER 90",1,,,,,,,,,,,,,
21,3,,172151-71870,, "SEAL SET, PISTON",1,,,,,,,,,,,,,
24,2,,172151-71610,, PISTON,1,,,,,,,,,,,,,
25,2,,172151-71620,, "SPACER 90 36 19",1,,,,,,,,,,,,,
26,2,,172151-72580,, "U-NUT M36",1,,,,,,,,,,,,,
27,2,,172151-71640,, TUBE,1,,,,,,,,,,,,,
28,2,,22217-100000,, "SPRING WASHER 10",1,,,,,,,,,,,,,
29,2,,26116-100202,, "BOLT M10X 20 PLATED",1,,,,,,,,,,,,,
30,2,,22137-100000,, "WASHER 10,POLISHED",1,,,,,,,,,,,,,



1,1,,172148-71100,, "COVER, FLYWHEEL",1,,,,,,,,,,,,,,,,,
1-1,1,,172148-71101,, "COVER, FLYWHEEL",1,,,,,,N,,72148118,M11677,,,,,,,,,,,,,I
2,1,,26013-100252,, "BOLT W/WASHER M10X25",6,,,,,,,,,,,,,,,,,
3,1,,172112-71151,, "JOINT, PUMP SHAFT",1,,,,,,,,,,,,,,,,,
4,1,,22351-050010,, "SPRING PIN 5X10",6,,,,,,,,,,,,,,,,,
5,1,,22351-050020,, "SPRING PIN 5X20",3,,,,,,,,,,,,,,,,,
6,1,,26450-120402,, "BOLT M12X 40",6,,,,,,,,,,,,,,,,,
7,1,,933171-23101,, "COUPLING CF16",1,,,,,,,,,,,,,,,,,
8,1,,172151-73100,, "PUMP, HYD. OIL",1,,,,,,,,,,,,,,,,,
11,4,,172147-73130,, "PLATE, CONTROL",1,,,,,,,,,,,,,,,,,
12,4,,172147-73140,, "PISTON (A)",2,,,,,,,,,,,,,,,,,
13,4,,172147-73150,, "ORIFICE",1,,,,,,,,,,,,,,,,,
14,4,,172147-73170,, "PARALLER PIN",2,,,,,,,,,,,,,,,,,
15,4,,172142-74650,, "PLUG 1/8",4,,,,,,,,,,,,,,,,,
17,2,,172147-73991,, "PARTS KIT, PUMP",1,,,,,,,,,,,,,,,,,
19,4,,172147-73010,, "PIN",6,,,,,,,,,,,,,,,,,
20,4,,172147-73020,, "RETAINER",2,,,,,,,,,,,,,,,,,
21,4,,172147-73190,, "PISTON",18,,,,,,,,,,,,,,,,,
22,4,,172147-73201,, "BLOCK, CYLINDER",2,,,,,,,,,,,,,,,,,
23,4,,172147-73210,, "RETAINER",2,,,,,,,,,,,,,,,,,
24,4,,172147-73220,, "PLAET",2,,,,,,,,,,,,,,,,,
25,4,,172147-73230,, "GUIDE",2,,,,,,,,,,,,,,,,,
26,4,,172147-73240,, "SPRING",2,,,,,,,,,,,,,,,,,
27,4,,172147-73260,, "RETAINER",2,,,,,,,,,,,,,,,,,
28,4,,22252-000280,, "CIRCLIP 28",2,,,,,,,,,,,,,,,,,
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31,4,,172147-73290,, "O-RING",1,,,,,,,,,,,,,,,,,
32,4,,22252-000400,, "CIRCLIP 40",1,,,,,,,,,,,,,,,,,
33,4,,24311-000400,, "O-RING 1A P-40.0",1,,,,,,,,,,,,,,,,,
34,4,,26450-060162,, "BOLT M 6X 16",4,,,,,,,,,,,,,,,,,
36,4,,172147-73170,, "PARALLER PIN",2,,,,,,,,,,,,,,,,,
37,4,,172147-73510,, "CONTROL PLATE",1,,,,,,,,,,,,,,,,,
38,4,,172147-73520,, "BEARING",1,,,,,,,,,,,,,,,,,
39,4,,172147-73530,, "ORIFICE",1,,,,,,,,,,,,,,,,,
40,4,,172147-73540,, "O-RING",1,,,,,,,,,,,,,,,,,
41,4,,24315-000080,, "O-RING 1B P-8.0",1,,,,,,,,,,,,,,,,,
42,4,,26450-080302,, "BOLT M 8X 30",3,,,,,,,,,,,,,,,,,
43,4,,26450-080452,, "BOLT M 8X 45",1,,,,,,,,,,,,,,,,,
45,4,,172147-73560,, "SCREW(A)",1,,,,,,,,,,,,,,,,,
46,4,,172147-73570,, "SCREW(B)",1,,,,,,,,,,,,,,,,,
47,4,,172147-73580,, "RETAINER",1,,,,,,,,,,,,,,,,,
48,4,,172147-73590,, "NUT",1,,,,,,,,,,,,,,,,,
49,4,,172147-73600,, "SPRING(A)",1,,,,,,,,,,,,,,,,,
50,4,,172147-73610,, "SPRING(B)",1,,,,,,,,,,,,,,,,,
51,4,,172147-73620,, "CAP NUT",1,,,,,,,,,,,,,,,,,
52,4,,172147-73630,, "SCREW",1,,,,,,,,,,,,,,,,,
53,4,,172147-73640,, "BALL",1,,,,,,,,,,,,,,,,,
54,4,,172147-73650,, "O-RING",2,,,,,,,,,,,,,,,,,
56,4,,172147-73670,, "CASE",1,,,,,,,,,,,,,,,,,
57,4,,172147-73680,, "SEAL, OIL",1,,,,,,,,,,,,,,,,,
58,4,,172147-73690,, "O-RING",1,,,,,,,,,,,,,,,,,
59,4,,22252-000600,, "CIRCLIP 60",1,,,,,,,,,,,,,,,,,
60,3,,172147-73701,, "SHAFT",1,,,,,,,,,,,,,,,,,
61,3,,172147-73710,, "BEARING",1,,,,,,,,,,,,,,,,,
62,3,,172147-73721,, "PLUG",1,,,,,,,,,,,,,,,,,
65,2,,172147-73740,, "COUPLING",1,,,,,,,,,,,,,,,,,
67,3,,172147-73760,, "FLAME",1,,,,,,,,,,,,,,,,,
68,3,,172147-73770,, "COVER, SIDE",1,,,,,,,,,,,,,,,,,
69,3,,172147-73780,, "PLATE",3,,,,,,,,,,,,,,,,,
70,3,,172147-73790,, "GUIDE, LEVER",2,,,,,,,,,,,,,,,,,
71,3,,172147-73900,, "SPRING",2,,,,,,,,,,,,,,,,,
72,3,,172147-73910,, "RING",2,,,,,,,,,,,,,,,,,
73,3,,172147-73920,, "O-RING",2,,,,,,,,,,,,,,,,,

74,3,,172147-73930,,RING,2,,,,,,,,,,,,,
75,3,,172147-73940,,BOLT,4,,,,,,,,,,,,,
76,3,,172147-73950,,BUSH,1,,,,,,,,,,,,,
77,3,,172147-73960,,O-RING,1,,,,,,,,,,,,,
78,3,,172147-73970,,BOLT,2,,,,,,,,,,,,,
79,3,,172147-73980,,WASHER,2,,,,,,,,,,,,,
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83,3,,24315-000110,, "O-RING 1B P-11.0",1,,,,,,,,,,,,,
84,2,,22252-000130,, "CIRCLIP 13",1,,,,,,,,,,,,,
85,1,,26013-120352,, "BOLT M12X 35",2,,,,,,,,,,,,,

Fig. **34** HYD. OIL PUMP & JOINT <http://truckmanuals.ru/>

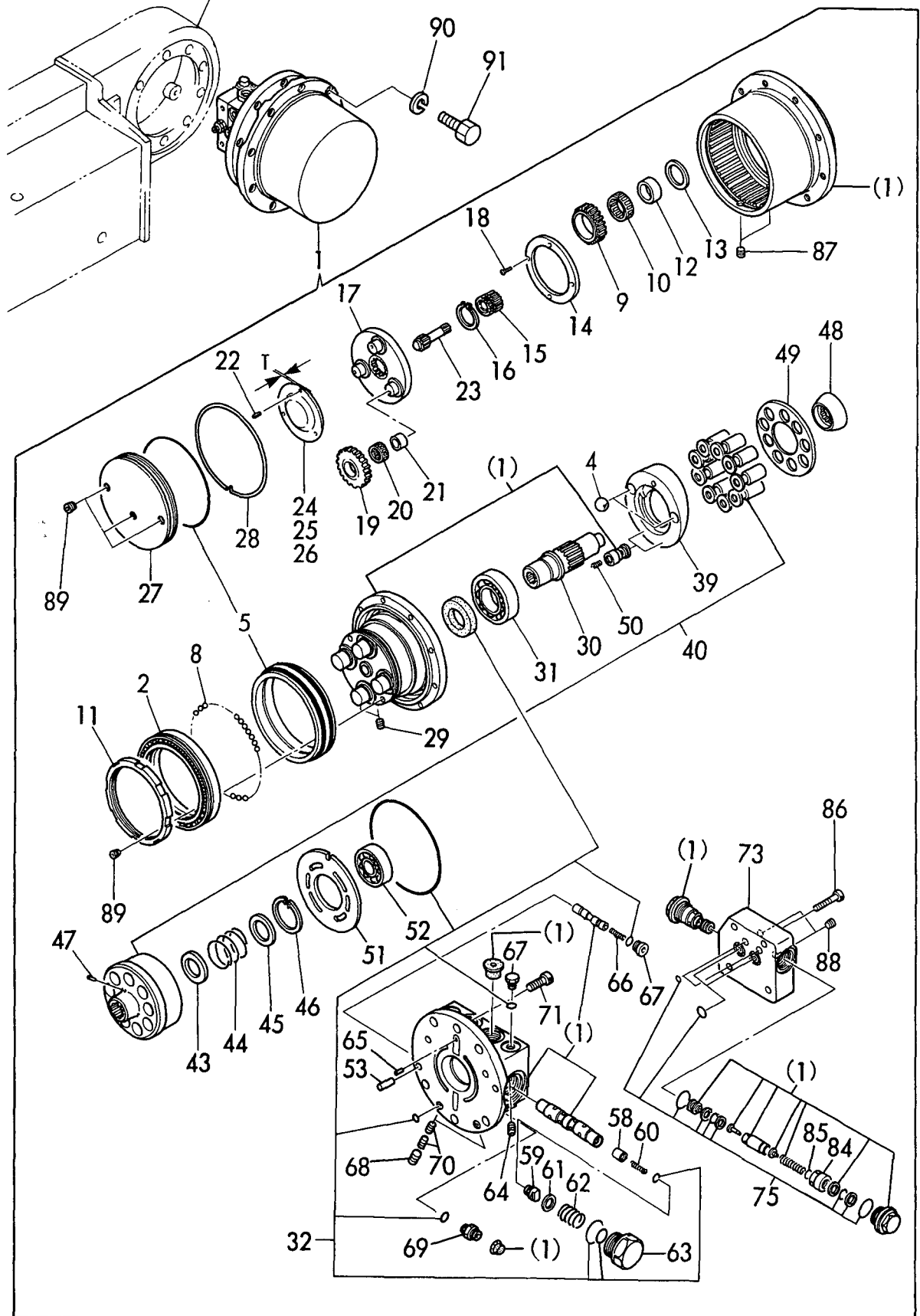


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2,2,,172124-70010,, BEARING,2,,,,,,,,,,,,,
4,2,,172123-70020,, BALL,4,,,,,,,,,,,,,
5,2,,172147-70640,, "SEAL KIT, REDUCTION",2,,,,,,,,,,,,,
8,2,,172124-70030,, BALL,198,,,,,,,,,,,,,
9,2,,172147-70030,, "PLANETARY GEAR(B)",8,,,,,,,,,,,,,
10,2,,172147-70040,, "CAGE & ROLLER",8,,,,,,,,,,,,,
11,2,,172124-70050,, "RING NUT",2,,,,,,,,,,,,,
12,2,,172147-70050,, COLLAR,8,,,,,,,,,,,,,
13,2,,172147-70060,, "THRUST WASHER",8,,,,,,,,,,,,,
14,2,,172147-70070,, PLATE,2,,,,,,,,,,,,,
15,2,,172147-70080,, "GEAR, SUN",2,,,,,,,,,,,,,
16,2,,172147-70090,, "SNAP RING",2,,,,,,,,,,,,,
17,2,,172147-70100,, HOLDER,2,,,,,,,,,,,,,
18,2,,172141-70110,, SCREW,8,,,,,,,,,,,,,
19,2,,172147-70110,, "GEAR(A), PLANETARY",6,,,,,,,,,,,,,
20,2,,172147-70120,, "GAUGE & ROLLER",6,,,,,,,,,,,,,
21,2,,172147-70130,, "RACE, INNER",6,,,,,,,,,,,,,
22,2,,172147-70140,, "PIN, SPRING",6,,,,,,,,,,,,,
23,2,,172147-70150,, "DRIVE GEAR",2,,,,,,,,,,,,,
24,2,,172147-70160,, PLATE,2,,,,,,,,,1,,,,,,,,,
25,2,,172147-70170,, PLATE,2,,,,,,,,,1,,,,,,,,,
26,2,,172147-70180,, PLATE,2,,,,,,,,,1,,,,,,,,,
27,2,,172147-70190,, "COVER, SIDE",2,,,,,,,,,,,,,
28,2,,172147-70210,, WIRE,2,,,,,,,,,,,,,
29,2,,172147-70220,, PLUG,4,,,,,,,,,,,,,
30,2,,172147-70230,, SHAFT,2,,,,,,,,,,,,,
31,2,,172147-70240,, "BALL BEARING",2,,,,,,,,,,,,,
32,2,,172147-70650,, "SEAL SET, MOTOR",2,,,,,,,,,,,,,
39,2,,172147-70260,, PLATE,2,,,,,,,,,,,,,
40,2,,172147-70680,, "BLOCK ASSY, CYLINDER",2,,,,,,,,,,,,,
43,2,,172147-70280,, COLLAR,2,,,,,,,,,,,,,
44,2,,172147-70290,, SPRING,2,,,,,,,,,,,,,
45,2,,172147-70300,, "WASHER, LOCK",2,,,,,,,,,,,,,
46,2,,172147-70310,, "RING, SNAP",2,,,,,,,,,,,,,
47,2,,172147-70320,, PIN,6,,,,,,,,,,,,,
48,2,,172147-70330,, "HOLDER, RETAINER",2,,,,,,,,,,,,,
49,2,,172147-70340,, "PLATE, RETAINER",2,,,,,,,,,,,,,
50,2,,172147-70360,, SPRING,4,,,,,,,,,,,,,
51,2,,172147-70370,, "PLATE VALVE",2,,,,,,,,,,,,,
52,2,,172147-70390,, "BALL BEARING",2,,,,,,,,,,,,,
53,2,,172122-70410,, PIN,4,,,,,,,,,,,,,
58,2,,172122-70430,, "VALVE, CHECK",4,,,,,,,,,,,,,
59,2,,172147-70430,, PLUG,4,,,,,,,,,,,,,
60,2,,172122-70440,, SPRING,4,,,,,,,,,,,,,
61,2,,172147-70440,, "SEAT, SPRING",4,,,,,,,,,,,,,
62,2,,172147-70450,, SPRING,4,,,,,,,,,,,,,
63,2,,172147-70460,, CAP,4,,,,,,,,,,,,,
64,2,,172147-70470,, ORIFICE,4,,,,,,,,,,,,,
65,2,,172141-70480,, PIN,2,,,,,,,,,,,,,
66,2,,172147-70490,, SPRING,2,,,,,,,,,,,,,
67,2,,172147-70500,, PLUG,6,,,,,,,,,,,,,
68,2,,172147-70510,, PLUG,4,,,,,,,,,,,,,
69,2,,172147-70520,, PLUG,2,,,,,,,,,,,,,
70,2,,172147-70530,, ORIFICE,8,,,,,,,,,,,,,
71,2,,172147-70540,, "HEAD BOLT, SOCKET",16,,,,,,,,,,,,,
73,2,,172147-70560,, "VALVE ASSY, CONTROL",2,,,,,,,,,,,,,
75,2,,172147-70660,, "SEAL KIT, BLOCK",2,,,,,,,,,,,,,
84,2,,172147-70590,, "PISTON, FREE",4,,,,,,,,,,,,,
85,2,,172147-70610,, "WASHER 12",2,,,,,,,,,,,,,
86,2,,172147-70620,, "HEAD BOLT, SOCKET",8,,,,,,,,,,,,,
87,2,,172122-73430,, PLUG,4,,,,,,,,,,,,,
88,2,,23871-020000,, "PLUG PT1/4, SCREW",4,,,,,,,,,,,,,

89,2,,23871-030000,, "PLUG PT3/8, SCREW",10,,,,,,,,,,,,,,,,,,,,,
90,1,,22217-140000,, "SPRING WASHER 14",18,,,,,,,,,,,,,,,,,,,,,
91,1,,26116-140352,, "BOLT M14X 35 PLATED",18,,,,,,,,,,,,,,,,,,,,,

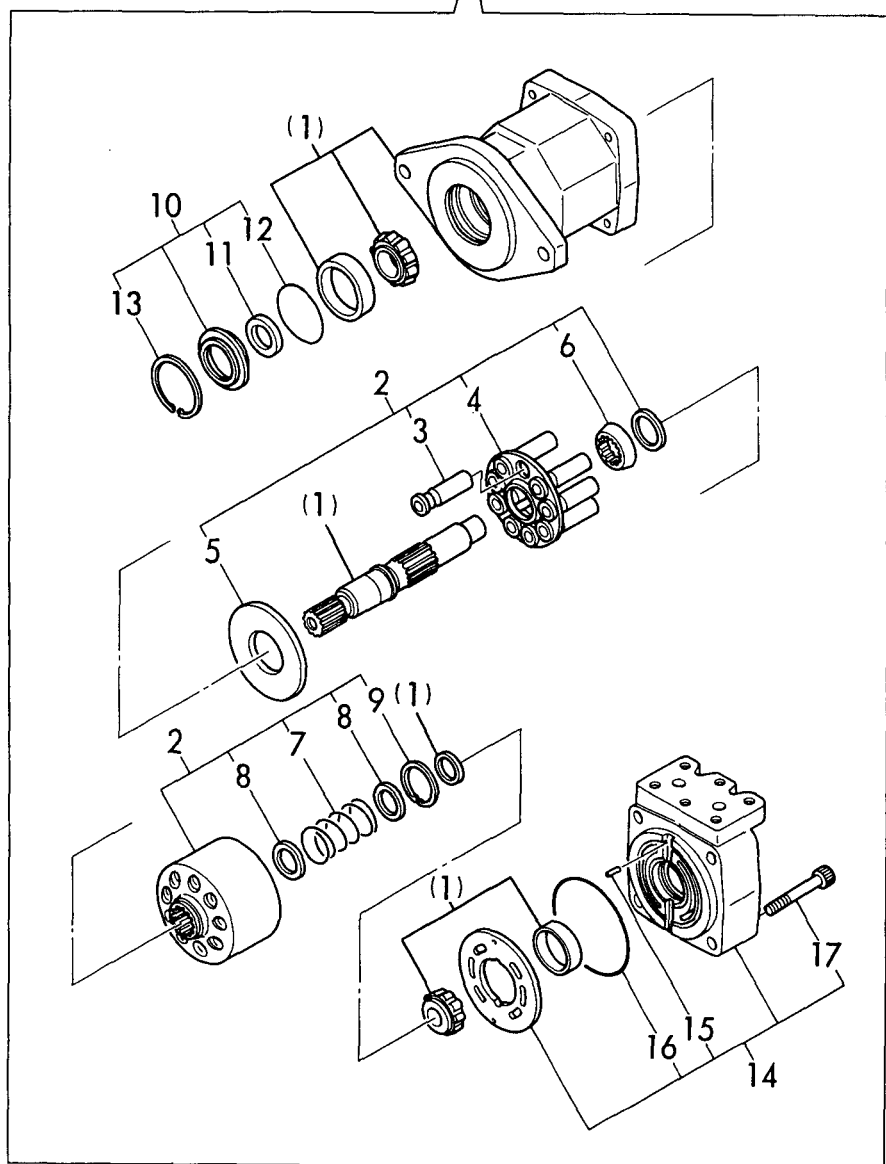
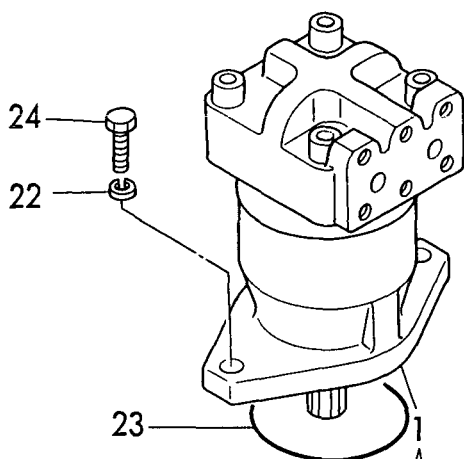
Fig. **35** TRAVEL MOTOR <https://truckmanualshub.com/>

REFER TO FIG. 15



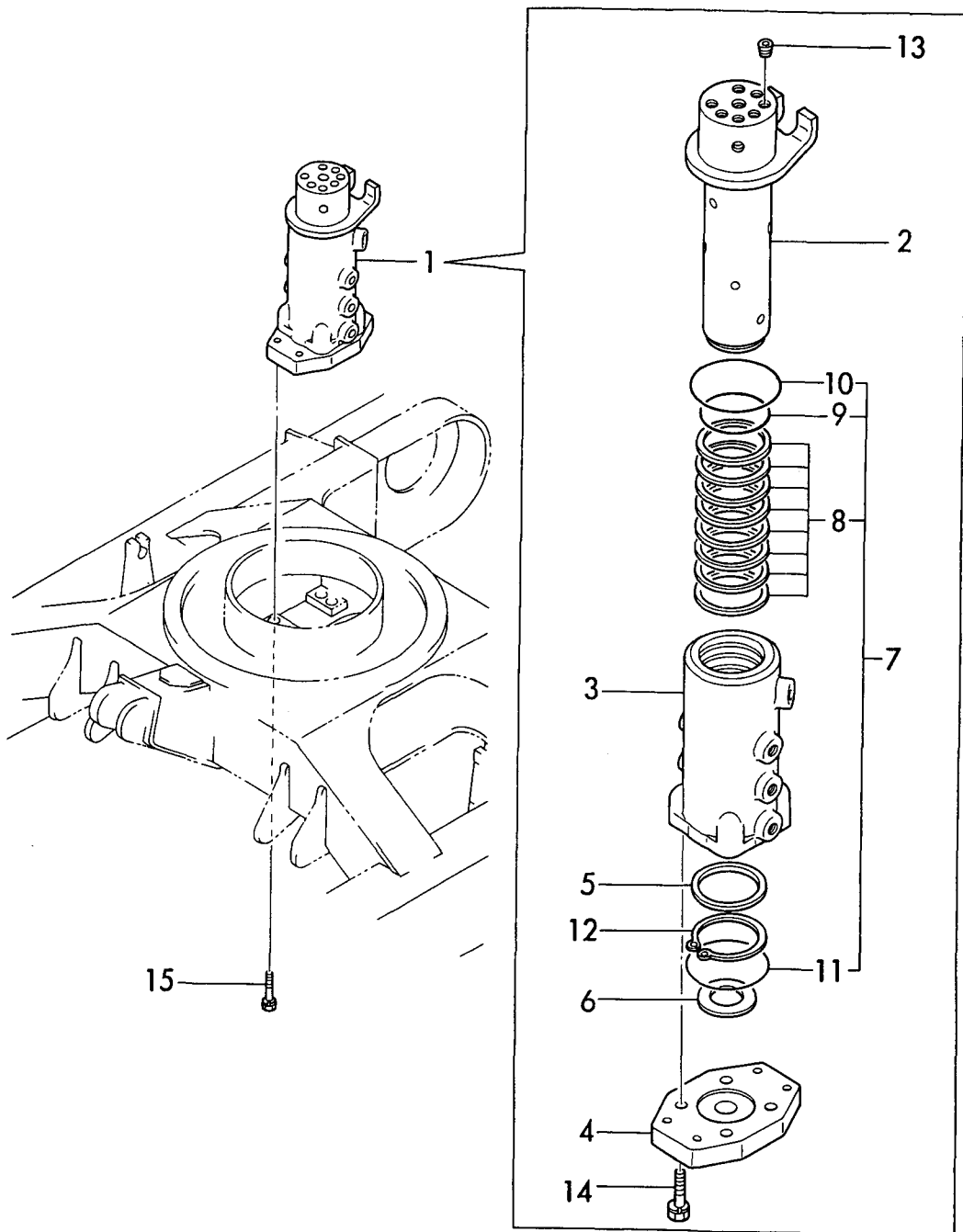
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2,2,,172147-70700,, "ROTARY SET",1,,,,,,,,,,,,,
3,3,,172147-70710,, PISTON,9,,,,,,,,,,,,,
4,3,,172147-70720,, RETAINER,1,,,,,,,,,,,,,
5,3,,172147-70730,, PLAET,1,,,,,,,,,,,,,
6,3,,172147-70740,, GUIDE,1,,,,,,,,,,,,,
7,3,,172147-70750,, SPRING,1,,,,,,,,,,,,,
8,3,,172147-70760,, RETAINER,2,,,,,,,,,,,,,
9,3,,22252-000380,, "CIRCLIP 38",1,,,,,,,,,,,,,
10,2,,172147-70770,, "CASE SET",1,,,,,,,,,,,,,
11,3,,172147-70780,, "SEAL, OIL",1,,,,,,,,,,,,,
12,3,,172147-73690,, O-RING,1,,,,,,,,,,,,,
13,3,,22252-000600,, "CIRCLIP 60",1,,,,,,,,,,,,,
14,2,,172147-70790,, "COVER SET",1,,,,,,,,,,,,,
15,3,,172147-70800,, "PARALLEL PIN",1,,,,,,,,,,,,,
16,3,,172147-70810,, O-RING,1,,,,,,,,,,,,,
17,3,,26450-120602,, "BOLT M12X 60",4,,,,,,,,,,,,,
22,1,,22217-140000,, "SPRING WASHER 14",2,,,,,,,,,,,,,
23,1,,24321-001100,, "O-RING 1A G-110.0",1,,,,,,,,,,,,,
24,1,,26116-140702,, "BOLT M14X 70 PLATED",2,,,,,,,,,,,,,

Fig. **36** <https://truckmanualshub.com/> TURNING MOTOR



1,1,,172147-73800,, "JOINT ASSY, SWIVEL",1,,,,,,,,,,,,,
2,2,,172147-73810,, SHAFT,1,,,,,,,,,,,,,
3,2,,172147-73830,, "HUB, SWIVEL",1,,,,,,,,,,,,,
4,2,,172147-73850,, PLATE,1,,,,,,,,,,,,,
5,2,,172122-73860,, "SPACER, SWIVEL",1,,,,,,,,,,,,,
6,2,,172122-73870,, "THRUST WASHER",1,,,,,,,,,,,,,
7,2,,172147-73880,, "SEAL ASSY",1,,,,,,,,,,,,,
8,3,,172122-73890,, "SEAL, SWIVEL",8,,,,,,,,,,,,,
9,3,,24311-000800,, "O-RING 1A P-80.0",1,,,,,,,,,,,,,
10,3,,24311-001000,, "O-RING 1A P-100.0",1,,,,,,,,,,,,,
11,3,,24321-000950,, "O-RING 1A G-95.0",1,,,,,,,,,,,,,
12,2,,22242-000700,, "CIRCLIP 70",1,,,,,,,,,,,,,
13,2,,23871-030000,, "PLUG PT3/8, SCREW",4,,,,,,,,,,,,,
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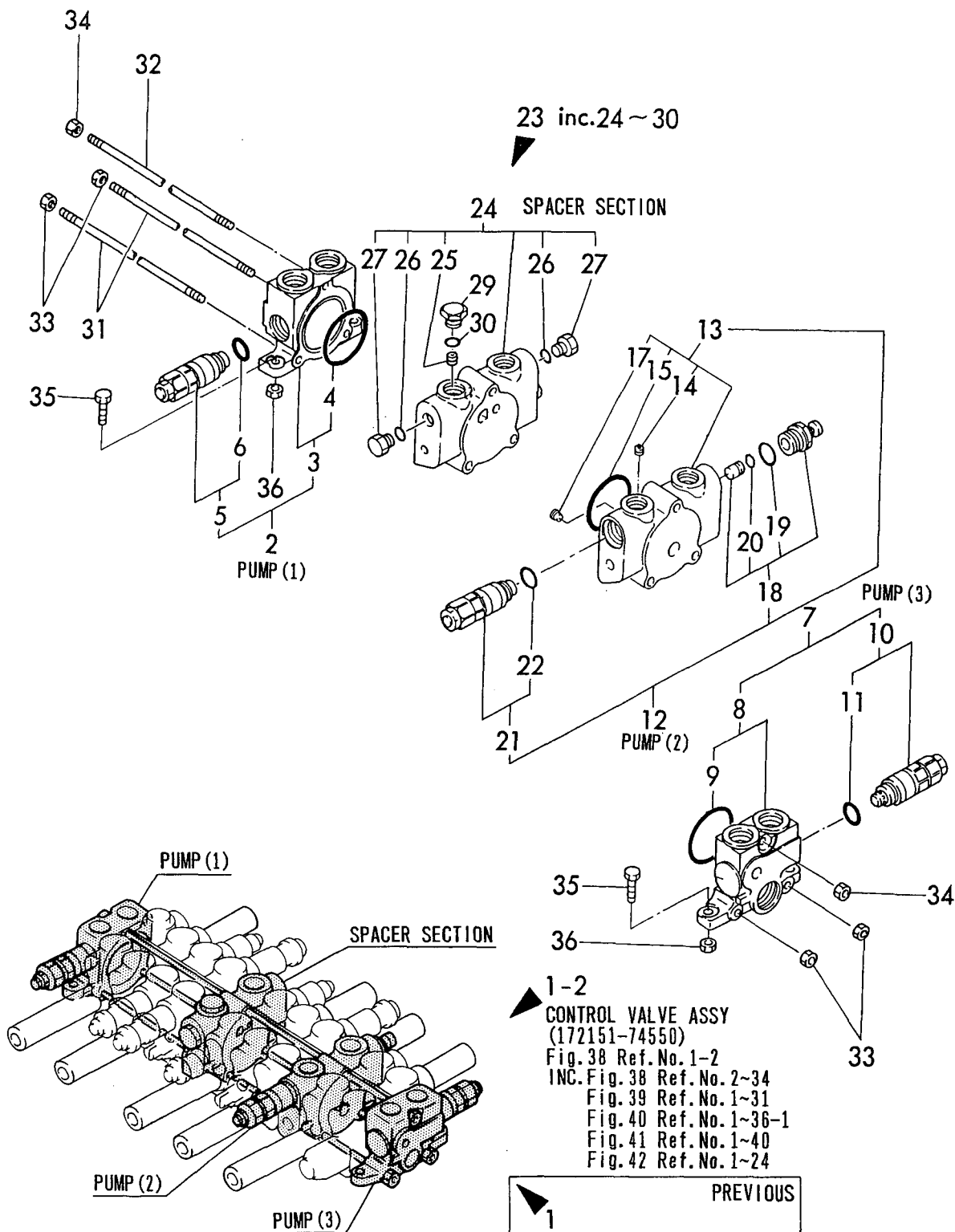
Fig. **37** <https://truckmanualshub.com/>
SWIVEL JOINT



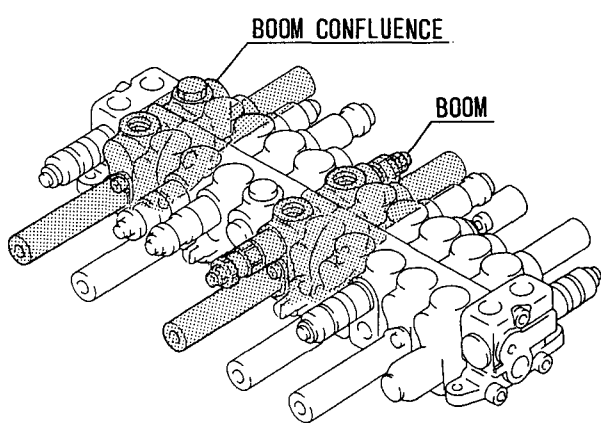
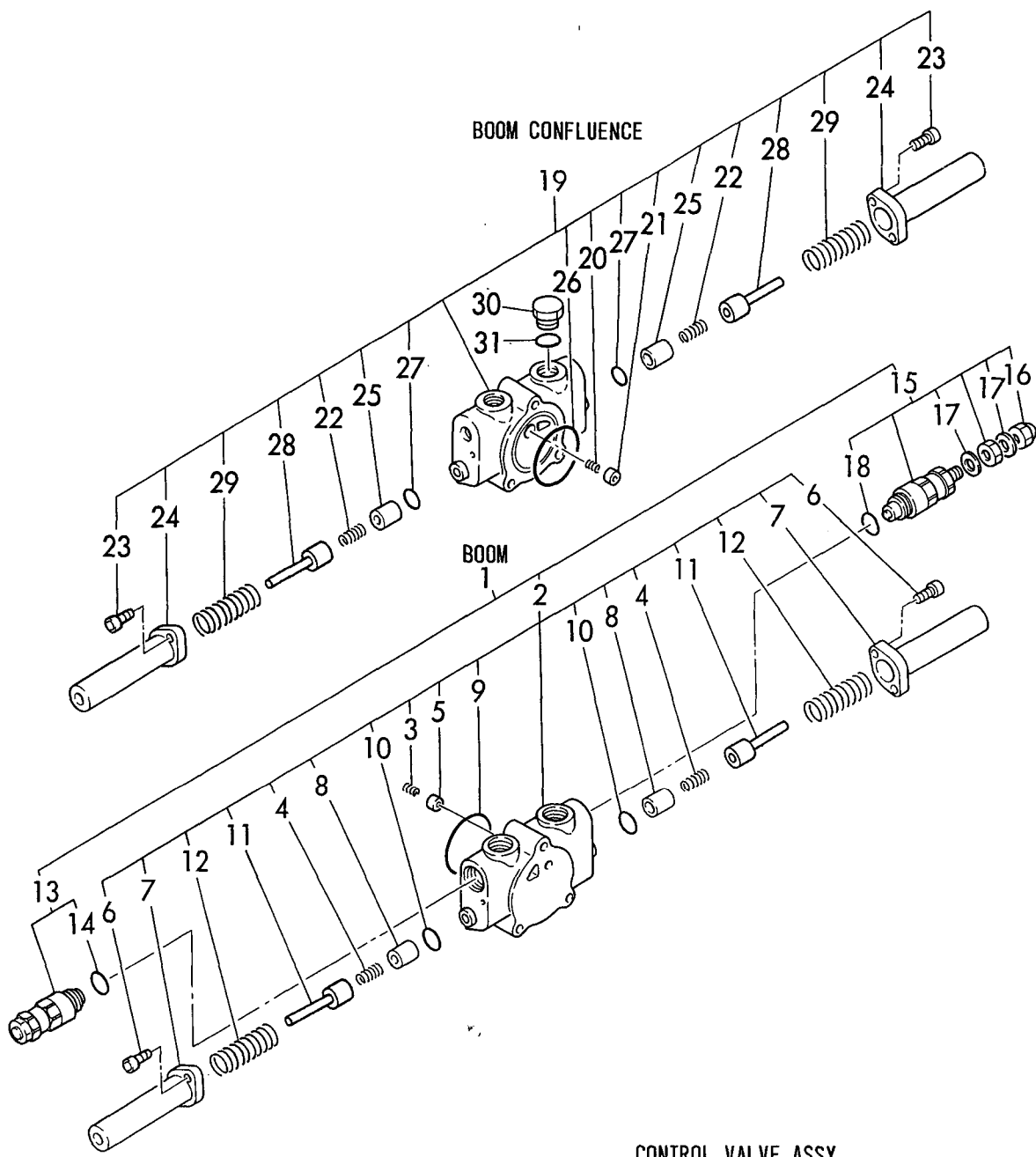
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1-1,1,,172151-74301,, "VALVE, CONTROL",1,,,,,,N,,72151128,M01877,,,,,,,,,
1-2,1,,172151-74550,, "VALVE, CONTROL",1,,,,,,N,,72142372,M10676,,,,,,,,,I
2,2,,172151-74190,, "SECTION ASSY, INLET",1,,,,,,,,,,,,,,,,,
3,3,,172116-74160,, "SECTION, INLET",1,,,,,,,,,,,,,,,,,
4,4,,933171-80590,, O-RING,1,,,,,,,,,,,,,,,,,
5,3,,172147-74580,, "VALVE, RELIEF",1,,,,,,,,,,,,,,,,,
6,4,,172116-74150,, O-RING,1,,,,,,,,,,,,,,,,,
7,2,,172151-74200,, "SECTION ASSY, INLET",1,,,,,,,,,,,,,,,,,
8,3,,172116-74160,, "SECTION, INLET",1,,,,,,,,,,,,,,,,,
9,4,,933171-80590,, O-RING,1,,,,,,,,,,,,,,,,,
10,3,,172151-74170,, "VALVE, RELIEF",1,,,,,,,,,,,,,,,,,
11,4,,172116-74150,, O-RING,1,,,,,,,,,,,,,,,,,
12,2,,172151-74530,, "SECTION ASSY, VALVE",1,,,,,,,,,,,,,,,,,
13,3,,172146-74680,, "SECTION ASSY, SPACER",1,,,,,,,,,,,,,,,,,
14,4,,172122-73430,, PLUG,1,,,,,,,,,,,,,,,,,
15,4,,933171-80590,, O-RING,1,,,,,,,,,,,,,,,,,
17,4,,23871-030000,, "PLUG PT3/8,SCREW",1,,,,,,,,,,,,,,,,,
18,3,,172146-74720,, "VALVE ASSY, SHUT-OFF",1,,,,,,,,,,,,,,,,,
19,4,,172116-74150,, O-RING,1,,,,,,,,,,,,,,,,,
20,4,,24311-240100,, "O-RING 1A P-10A",1,,,,,,,,,,,,,,,,,
21,3,,172147-74580,, "VALVE, RELIEF",1,,,,,,,,,,,,,,,,,
22,4,,172116-74150,, O-RING,1,,,,,,,,,,,,,,,,,
23,2,,172142-74840,, "SECTION, SPACER",1,,,,,,,,,,,,,,,,,
24,3,,172142-74880,, "SECTION, SPACER",1,,,,,,,,,,,,,,,,,
25,4,,172122-73430,, PLUG,1,,,,,,,,,,,,,,,,,
26,4,,172116-74150,, O-RING,2,,,,,,,,,,,,,,,,,
27,4,,172116-74320,, PLUG,2,,,,,,,,,,,,,,,,,
29,3,,172112-06480,, PLUG,1,,,,,,,,,,,,,,,,,
30,3,,172112-06490,, O-RING,1,,,,,,,,,,,,,,,,,
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35,1,,26013-100302,, "BOLT M10X 30",3,,,,,,,,,,,,,,,,,
36,1,,26716-100002,, "NUT M10",3,,,,,,,,,,,,,,,,,

Fig. **38** CONTROL VALVE (P1, P2, P3, SPACER SECTION)

<http://trn.kanankalshub.com/>



1,2,,172151-74510,, "SECTION ASSY, SPOOL",1,,,,,,,,,,,,,
2,3,,172151-74470,, "SECTION ASSY, SPOOL",1,,,,,,,,,,,,,
3,4,,172112-06330,, "SPRING, CONTROL VALVE",1,,,,,,,,,,,,,
4,4,,172151-74340,, SPRING,2,,,,,,,,,,,,,
5,4,,172122-74130,, POPPET,1,,,,,,,,,,,,,
6,4,,172116-74230,, "HEAD BOLT, SOCKET",4,,,,,,,,,,,,,
7,4,,172151-74370,, CAP,2,,,,,,,,,,,,,
8,4,,172151-74330,, "SEAT, SPRING",2,,,,,,,,,,,,,
9,4,,933171-80590,, O-RING,1,,,,,,,,,,,,,
10,4,,172151-74320,, O-RING,2,,,,,,,,,,,,,
11,4,,172151-74350,, "SEAT, SPRING",2,,,,,,,,,,,,,
12,4,,172151-74360,, SPRING,2,,,,,,,,,,,,,
13,3,,172147-74600,, "VALVE, RELIEF",1,,,,,,,,,,,,,
14,4,,172116-74150,, O-RING,1,,,,,,,,,,,,,
15,3,,172151-74240,, "VALVE, RELIEF",1,,,,,,,,,,,,,
16,4,,172124-74380,, "CAP NUT",1,,,,,,,,,,,,,
17,4,,172148-74330,, WASHER,2,,,,,,,,,,,,,
18,4,,172116-74150,, O-RING,1,,,,,,,,,,,,,
19,2,,172151-74310,, "SECTION ASSY, SPOOL",1,,,,,,,,,,,,,
20,3,,172122-06330,, SPRING,1,,,,,,,,,,,,,
21,3,,172122-74130,, POPPET,1,,,,,,,,,,,,,
22,3,,172151-74340,, SPRING,2,,,,,,,,,,,,,
23,3,,172116-74230,, "HEAD BOLT, SOCKET",4,,,,,,,,,,,,,
24,3,,172151-74370,, CAP,2,,,,,,,,,,,,,
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25-1,3,,172151-74330,, "SEAT, SPRING",2,,,,,,,,,,,,,,I
26,3,,933171-80590,, O-RING,1,,,,,,,,,,,,,
27,3,,933171-74320,, O-RING,2,,,,,,,,,M,,,,,,,,,
27-1,3,,172151-74320,, O-RING,2,,,,,,,,,,,,,,I
28,3,,172151-74350,, "SEAT, SPRING",2,,,,,,,,,,,,,
29,3,,172151-74360,, SPRING,2,,,,,,,,,,,,,
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31,2,,172112-06490,, O-RING,1,,,,,,,,,,,,,

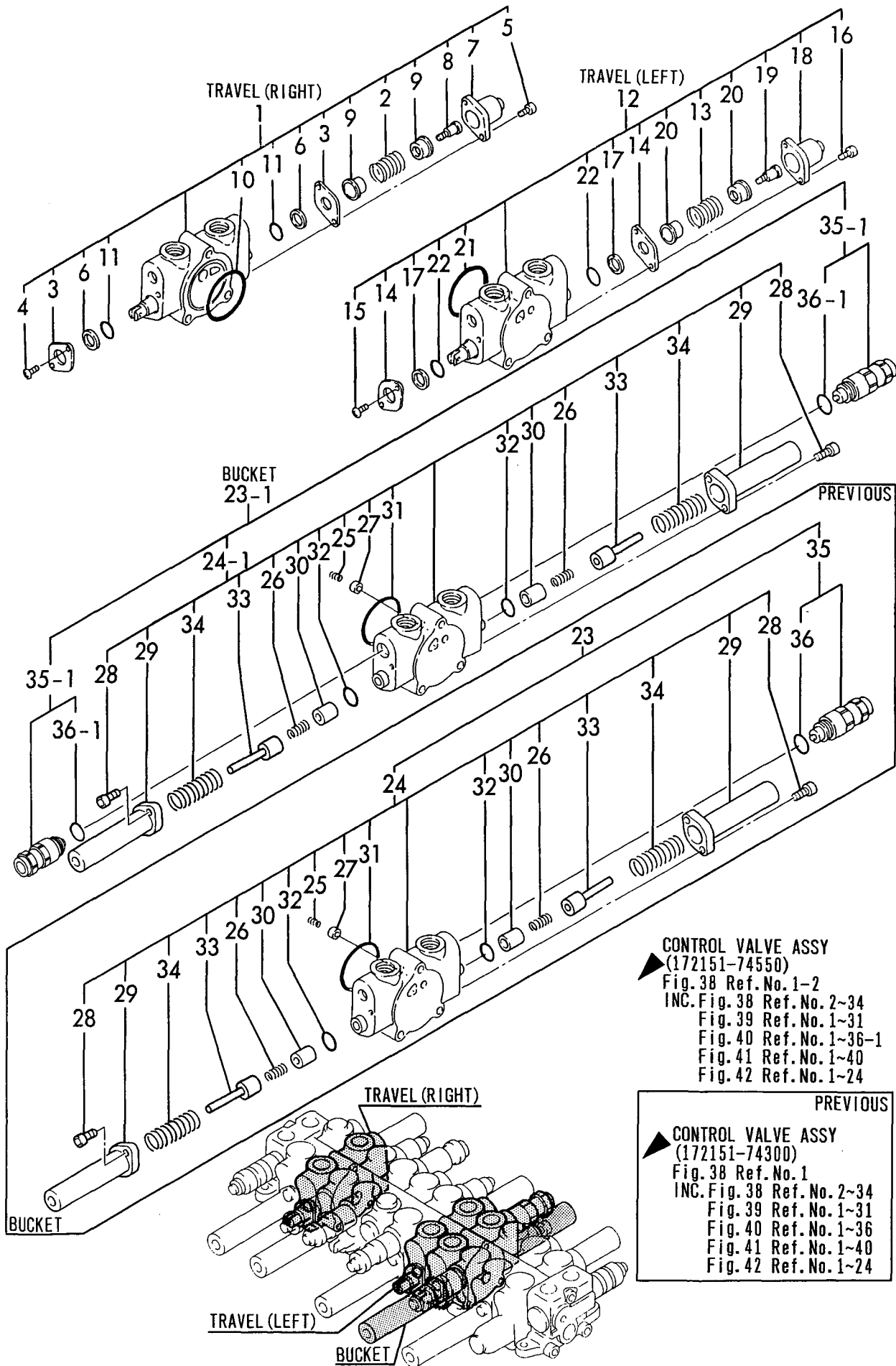


▲ **CONTROL VALVE ASSY**
(172151-74550)
Fig. 38 Ref. No. 1-2
INC. Fig. 38 Ref. No. 2-34
Fig. 39 Ref. No. 1-31
Fig. 40 Ref. No. 1-36-1
Fig. 41 Ref. No. 1-40
Fig. 42 Ref. No. 1-24

PREVIOUS

▲ **CONTROL VALVE ASSY**
(172151-74300)
Fig. 38 Ref. No. 1
INC. Fig. 38 Ref. No. 2-34
Fig. 39 Ref. No. 1-31
Fig. 40 Ref. No. 1-36
Fig. 41 Ref. No. 1-40
Fig. 42 Ref. No. 1-24

1,2,,172124-74180,, "SECTION ASSY, SPOOL",1,,,,,,,,,,,,,
2,3,,172122-74050,, SPRING,1,,,,,,,,,,,,,
3,3,,172116-74190,, "PLATE, SEAL",2,,,,,,,,,,,,,
4,3,,172116-74220,, SCREW,2,,,,,,,,,,,,,
5,3,,172116-74230,, "HEAD BOLT, SOCKET",2,,,,,,,,,,,,,
6,3,,933166-80520,, WIPER,2,,,,,,,,,,,,,
7,3,,933166-80530,, CAP,1,,,,,,,,,,,,,
8,3,,933166-80550,, "SCREW, CAP",1,,,,,,,,,,,,,
9,3,,933171-80510,, "SEAT, SPRING",2,,,,,,,,,,,,,
10,3,,933171-80590,, O-RING,1,,,,,,,,,,,,,
11,3,,933171-80610,, O-RING,2,,,,,,,,,,,,,
12,2,,172146-74630,, "SECTION ASSY, SPOOL",1,,,,,,,,,,,,,
12-1,2,,172124-74220,, "SECTION ASSY,
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13,3,,172122-74050,, SPRING,1,,,,,,,,,,,,,
14,3,,172116-74190,, "PLATE, SEAL",2,,,,,,,,,,,,,
15,3,,172116-74220,, SCREW,2,,,,,,,,,,,,,
16,3,,172116-74230,, "HEAD BOLT, SOCKET",2,,,,,,,,,,,,,
17,3,,933166-80520,, WIPER,2,,,,,,,,,,,,,
18,3,,933166-80530,, CAP,1,,,,,,,,,,,,,
19,3,,933166-80550,, "SCREW, CAP",1,,,,,,,,,,,,,
20,3,,933171-80510,, "SEAT, SPRING",2,,,,,,,,,,,,,
21,3,,933171-80590,, O-RING,1,,,,,,,,,,,,,
22,3,,933171-80610,, O-RING,2,,,,,,,,,,,,,
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23-1,2,,172151-74570,, "SECTION KIT, SPOOL",1,,,,,,N,,72142372,M10676,,,,,,I
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24-1,3,,172151-74560,, "SECTION ASSY,
SPOOL",1,,,,,,S,,72142372,M10676,,,,,,I
25,4,,172112-06330,, "SPRING, CONTROL VALVE",1,,,,,,,,,,,,,
26,4,,172151-74340,, SPRING,2,,,,,,,,,,,,,
27,4,,172122-74130,, POPPET,1,,,,,,,,,,,,,
28,4,,172116-74230,, "HEAD BOLT, SOCKET",4,,,,,,,,,,,,,
29,4,,172151-74370,, CAP,2,,,,,,,,,,,,,
30,4,,172151-74330,, "SEAT, SPRING",2,,,,,,,,,,,,,
31,4,,933171-80590,, O-RING,1,,,,,,,,,,,,,
32,4,,172151-74320,, O-RING,2,,,,,,,,,,,,,
33,3,,172151-74350,, "SEAT, SPRING",2,,,,,,,,,,,,,
34,3,,172151-74360,, SPRING,2,,,,,,,,,,,,,
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35-1,3,,172147-74600,, "VALVE, RELIEF",2,,,,,,K,,72142372,M10676,,,,,,I
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36-1,4,,172116-74150,, O-RING,2,,,,,,K,,72142372,M10676,,,,,,I

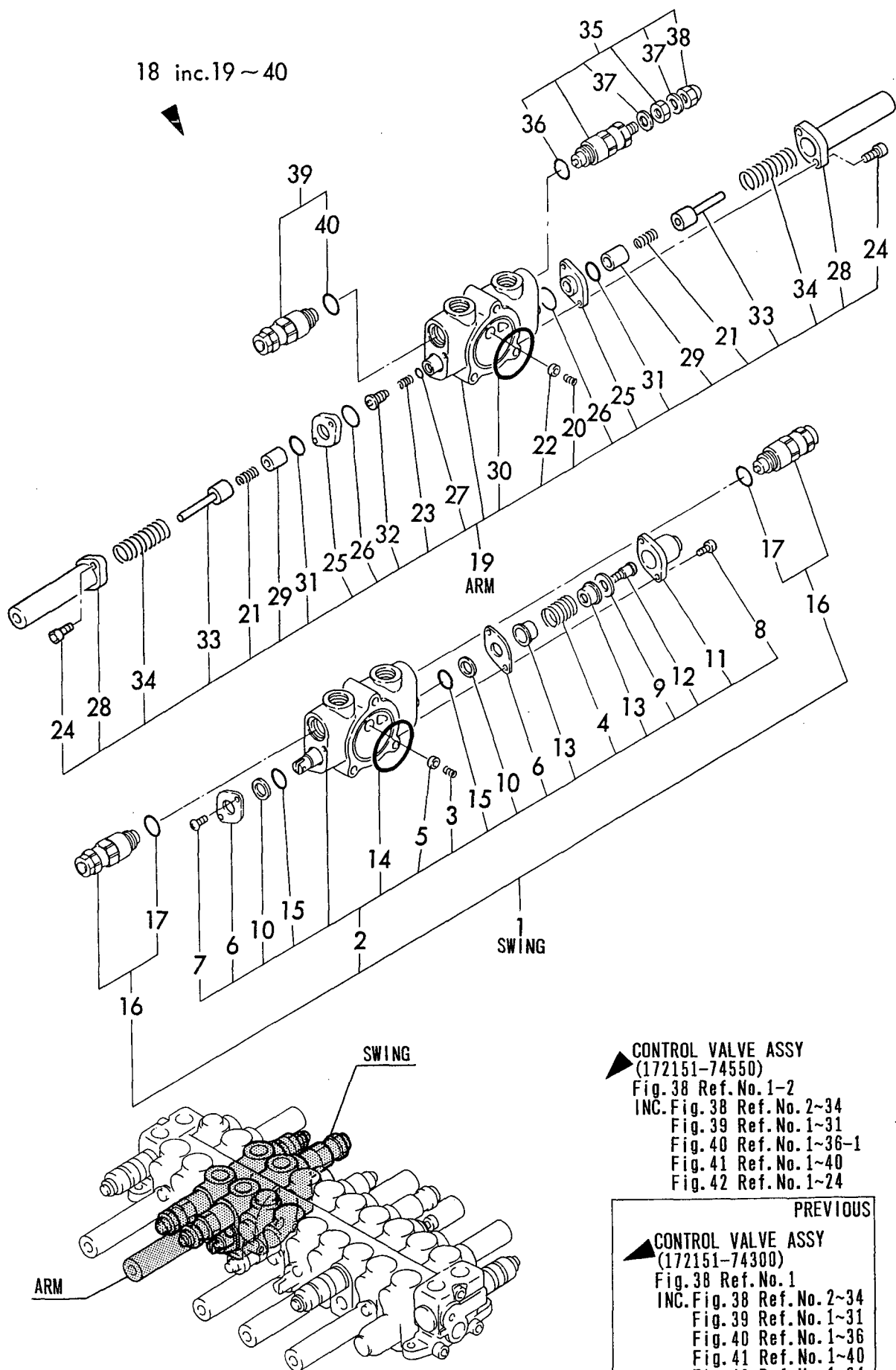


CONTROL VALVE ASSY
(172151-74550)
Fig. 38 Ref. No. 1-2
INC. Fig. 38 Ref. No. 2~34
Fig. 39 Ref. No. 1~31
Fig. 40 Ref. No. 1~36-1
Fig. 41 Ref. No. 1~40
Fig. 42 Ref. No. 1~24

PREVIOUS
CONTROL VALVE ASSY
(172151-74300)
Fig. 38 Ref. No. 1
INC. Fig. 38 Ref. No. 2~34
Fig. 39 Ref. No. 1~31
Fig. 40 Ref. No. 1~36
Fig. 41 Ref. No. 1~40
Fig. 42 Ref. No. 1~24

1,2,,172151-74220,, "SECTION ASSY, SPOOL",1,,,,,,,,,,,,,
2,3,,172151-74150,, "SECTION ASSY, SPOOL",1,,,,,,,,,,,,,
3,4,,172112-06330,, "SPRING, CONTROL VALVE",1,,,,,,,,,,,,,
4,4,,172122-74050,, SPRING,1,,,,,,,,,,,,,
5,4,,172122-74130,, POPPET,1,,,,,,,,,,,,,
6,4,,172116-74190,, "PLATE, SEAL",2,,,,,,,,,,,,,
7,4,,172116-74220,, SCREW,2,,,,,,,,,,,,,
8,4,,172116-74230,, "HEAD BOLT, SOCKET",2,,,,,,,,,,,,,
9,4,,172146-74740,, WASHER,1,,,,,,,,,,,,,
10,4,,933166-80520,, WIPER,2,,,,,,,,,,,,,
11,4,,933166-80530,, CAP,1,,,,,,,,,,,,,
12,4,,933166-80550,, "SCREW, CAP",1,,,,,,,,,,,,,
13,4,,933171-80510,, "SEAT, SPRING",2,,,,,,,,,,,,,
14,4,,933171-80590,, O-RING,1,,,,,,,,,,,,,
15,4,,933171-80610,, O-RING,2,,,,,,,,,,,,,
16,3,,172147-74600,, "VALVE, RELIEF",2,,,,,,,,,,,,,
17,4,,172116-74150,, O-RING,2,,,,,,,,,,,,,
18,2,,172151-74500,, "SECTION ASSY, SPOOL",1,,,,,,,,,,,,,
19,3,,172151-74430,, "SECTION ASSY, SPOOL",1,,,,,,,,,,,,,
20,4,,172112-06330,, "SPRING, CONTROL VALVE",1,,,,,,,,,,,,,
21,4,,172151-74340,, SPRING,2,,,,,,,,,,,,,
22,4,,172122-74130,, POPPET,1,,,,,,,,,,,,,
23,4,,172151-74140,, SPRING,1,,,,,,,,,,,,,
24,4,,172312-74210,, BOLT,4,,,,,,,,,,,,,
25,4,,172312-74220,, SPACER,2,,,,,,,,,,,,,
26,4,,172312-74230,, O-RING,2,,,,,,,,,,,,,
27,4,,172122-74270,, O-RING,1,,,,,,,,,,,,,
28,4,,172151-74370,, CAP,2,,,,,,,,,,,,,
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30,4,,933171-80590,, O-RING,1,,,,,,,,,,,,,
31,4,,172151-74320,, O-RING,2,,,,,,,,,,,,,
32,4,,172151-74440,, PLUG,1,,,,,,,,,,,,,
33,4,,172151-74450,, "SEAT, SPRING",2,,,,,,,,,,,,,
34,4,,172151-74460,, SPRING,2,,,,,,,,,,,,,
35,3,,172151-74180,, "VALVE, RELIEF",1,,,,,,,,,,,,,
36,4,,172116-74150,, O-RING,1,,,,,,,,,,,,,
37,4,,172148-74330,, WASHER,2,,,,,,,,,,,,,
38,4,,172124-74380,, "CAP NUT",1,,,,,,,,,,,,,
39,3,,172147-74600,, "VALVE, RELIEF",1,,,,,,,,,,,,,
40,4,,172116-74150,, O-RING,1,,,,,,,,,,,,,

Fig. 41 CONTROL VALVE (ARM & SWING)



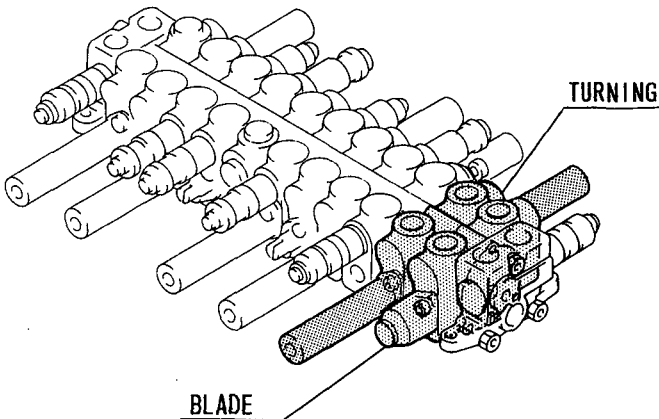
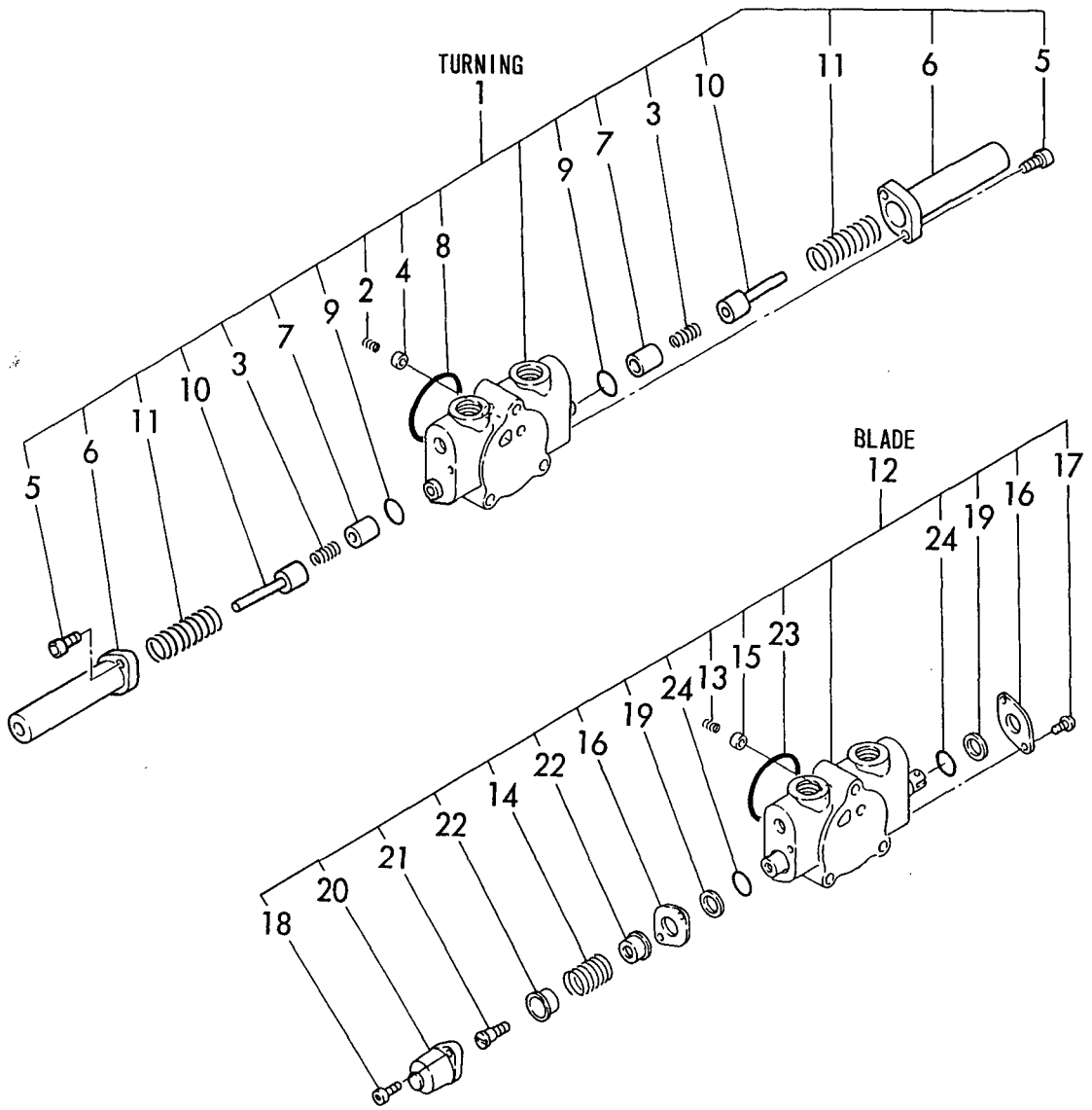
▲ CONTROL VALVE ASSY
(172151-74550)
Fig. 38 Ref. No. 1-2
INC. Fig. 38 Ref. No. 2~34
Fig. 39 Ref. No. 1~31
Fig. 40 Ref. No. 1~36-1
Fig. 41 Ref. No. 1~40
Fig. 42 Ref. No. 1~24

PREVIOUS

▲ CONTROL VALVE ASSY
(172151-74300)
Fig. 38 Ref. No. 1
INC. Fig. 38 Ref. No. 2~34
Fig. 39 Ref. No. 1~31
Fig. 40 Ref. No. 1~36
Fig. 41 Ref. No. 1~40
Fig. 42 Ref. No. 1~24

1,2,,172151-74490,, "SECTION ASSY, SPOOL",1,,,,,,,,,,,,,
2,3,,172112-06330,, "SPRING, CONTROL VALVE",1,,,,,,,,,,,,,
3,3,,172151-74340,, SPRING,2,,,,,,,,,,,,,
4,3,,172122-74130,, POPPET,1,,,,,,,,,,,,,
5,3,,172116-74230,, "HEAD BOLT, SOCKET",4,,,,,,,,,,,,,
6,3,,172151-74370,, CAP,2,,,,,,,,,,,,,
7,3,,933171-74330,, "SEAT, SPRING",2,,,,,,,,,M,,,,,,,,,
7-1,3,,172151-74330,, "SEAT, SPRING",2,,,,,,,,,,,,,,I
8,3,,933171-80590,, O-RING,1,,,,,,,,,,,,,
9,3,,172151-74320,, O-RING,2,,,,,,,,,,,,,
10,3,,172151-74450,, "SEAT, SPRING",2,,,,,,,,,,,,,
11,3,,172151-74460,, SPRING,2,,,,,,,,,,,,,
12,2,,172146-74670,, "SECTION ASSY, SPOOL",1,,,,,,,,,,,,,
13,3,,172112-06330,, "SPRING, CONTROL VALVE",1,,,,,,,,,,,,,
14,3,,172122-74050,, SPRING,1,,,,,,,,,,,,,
15,3,,172122-74130,, POPPET,1,,,,,,,,,,,,,
16,3,,172116-74190,, "PLATE, SEAL",2,,,,,,,,,,,,,
17,3,,172116-74220,, SCREW,2,,,,,,,,,,,,,
18,3,,172116-74230,, "HEAD BOLT, SOCKET",2,,,,,,,,,,,,,
19,3,,933166-80520,, WIPER,2,,,,,,,,,,,,,
20,3,,933166-80530,, CAP,1,,,,,,,,,,,,,
21,3,,933166-80550,, "SCREW, CAP",1,,,,,,,,,,,,,
22,3,,933171-80510,, "SEAT, SPRING",2,,,,,,,,,,,,,
23,3,,933171-80590,, O-RING,1,,,,,,,,,,,,,
24,3,,933171-80610,, O-RING,2,,,,,,,,,,,,,

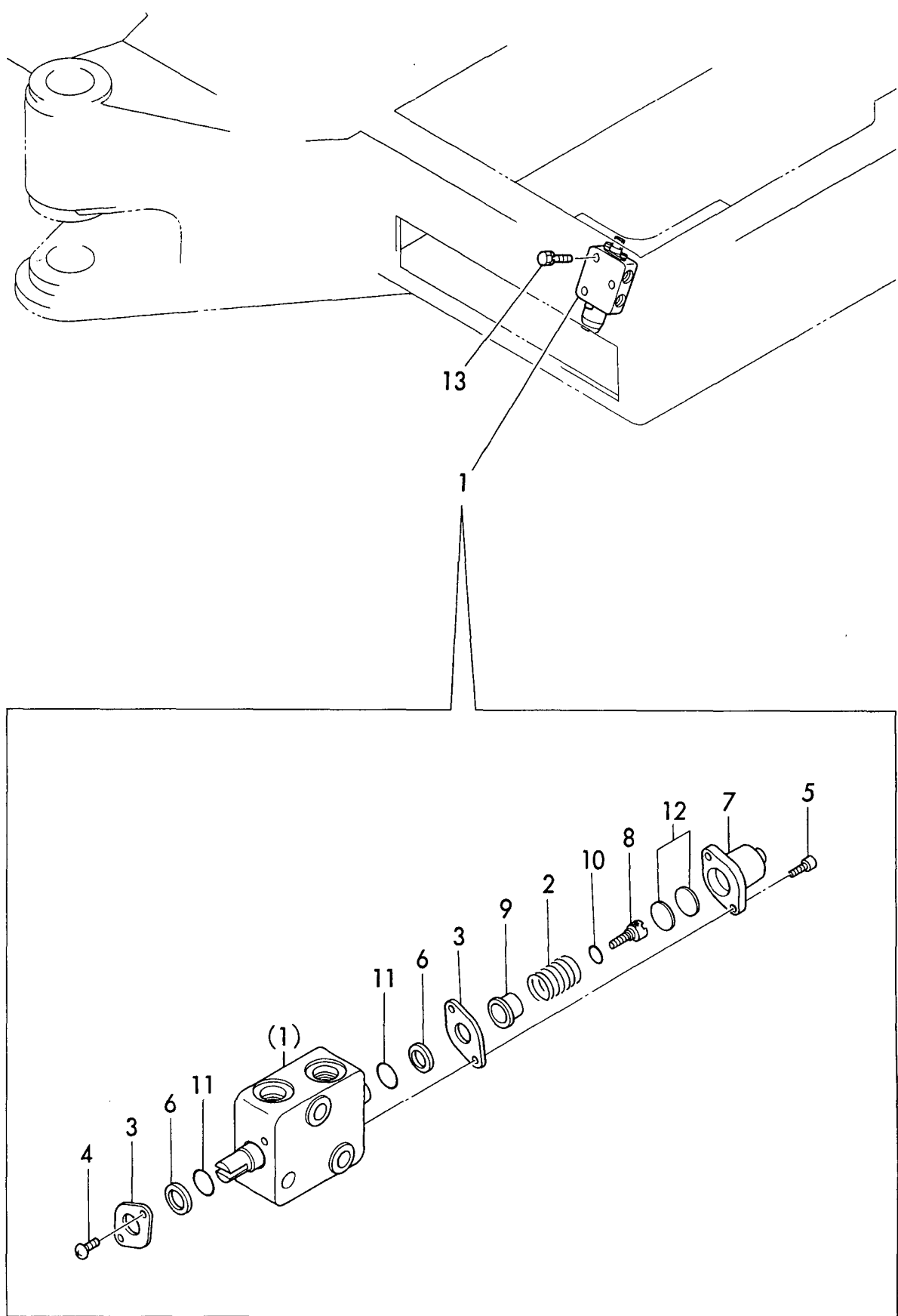
Fig. **42** CONTROL VALVE (BLADE & TURNING)



CONTROL VALVE ASSY
 (172151-74550)
 Fig. 38 Ref. No. 1-2
 INC. Fig. 38 Ref. No. 2-34
 Fig. 39 Ref. No. 1-31
 Fig. 40 Ref. No. 1-36-1
 Fig. 41 Ref. No. 1-40
 Fig. 42 Ref. No. 1-24

PREVIOUS
CONTROL VALVE ASSY
 (172151-74300)
 Fig. 38 Ref. No. 1
 INC. Fig. 38 Ref. No. 2-34
 Fig. 39 Ref. No. 1-31
 Fig. 40 Ref. No. 1-36
 Fig. 41 Ref. No. 1-40
 Fig. 42 Ref. No. 1-24

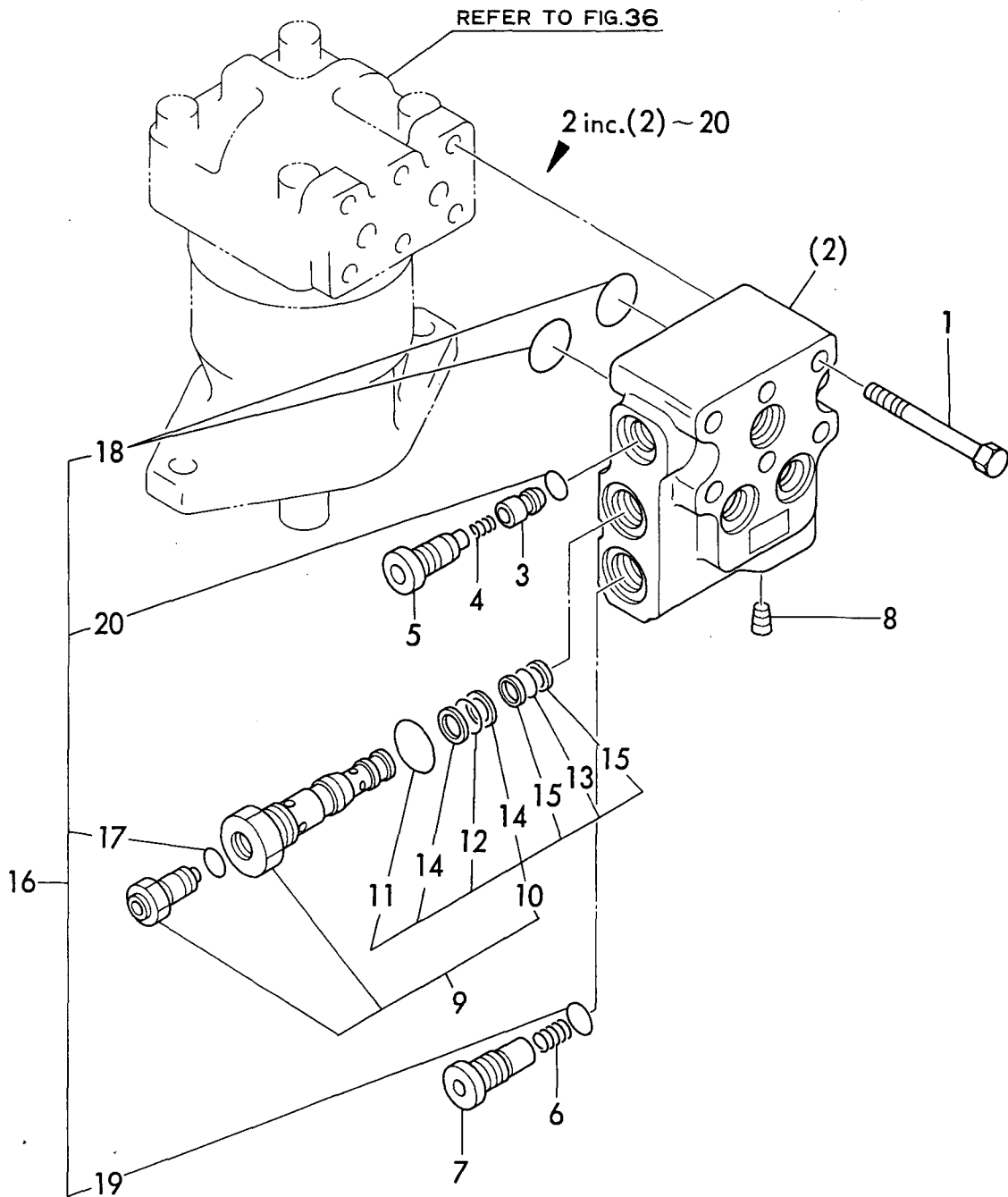
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4,2,,172116-74220,, SCREW,2,,,,,,,,,,,,,
5,2,,172116-74230,, "HEAD BOLT, SOCKET",2,,,,,,,,,,,,,
6,2,,933166-80520,, WIPER,2,,,,,,,,,,,,,
7,2,,933166-80530,, CAP,1,,,,,,,,,,,,,
8,2,,172147-74140,, SCREW,1,,,,,,,,,,,,,
9,2,,933171-80510,, "SEAT, SPRING",1,,,,,,,,,,,,,
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11,2,,933171-80610,, O-RING,2,,,,,,,,,,,,,
12,2,,172116-74390,, SPACER,2,,,,,,,,,,,,,
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1,1,,26116-100702,, "BOLT M10X 70 PLATED",6,,,,,,,,,,,,,
2,1,,172151-74400,, "VALVE, BRAKE",1,,,,,,,,,,,,,
3,2,,172148-71570,, "VALVE, CHECK",2,,,,,,,,,,,,,
4,2,,172148-71580,, SPRING,2,,,,,,,,,,,,,
5,2,,172147-70500,, PLUG,2,,,,,,,,,,,,,
6,2,,172122-70710,, SPRING,2,,,,,,,,,,,,,
7,2,,172122-70720,, PLUG,2,,,,,,,,,,,,,
8,2,,172122-73430,, PLUG,2,,,,,,,,,,,,,
9,2,,172151-74410,, "VALVE, RELIEF",2,,,,,,,,,,,,,
10,3,,172148-71670,, "SEAL SET, RELIEF",1,,,,,,,,,,,,,
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12,4,,24311-000140,, "O-RING 1A P-14.0",2,,,,,,,,,,,,,
13,4,,24315-000120,, "O-RING 1B P-12.0",2,,,,,,,,,,,,,
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15,4,,172147-70580,, "RING P12 T2, BACK UP",4,,,,,,,,,,,,,
16,2,,172142-74370,, "REPAIR SET",1,,,,,,,,,,,,,
17,3,,24315-000100,, "O-RING 1B P-10.0",2,,,,,,,,,,,,,
18,3,,24325-000250,, "O-RING 1B G-25.0",2,,,,,,,,,,,,,
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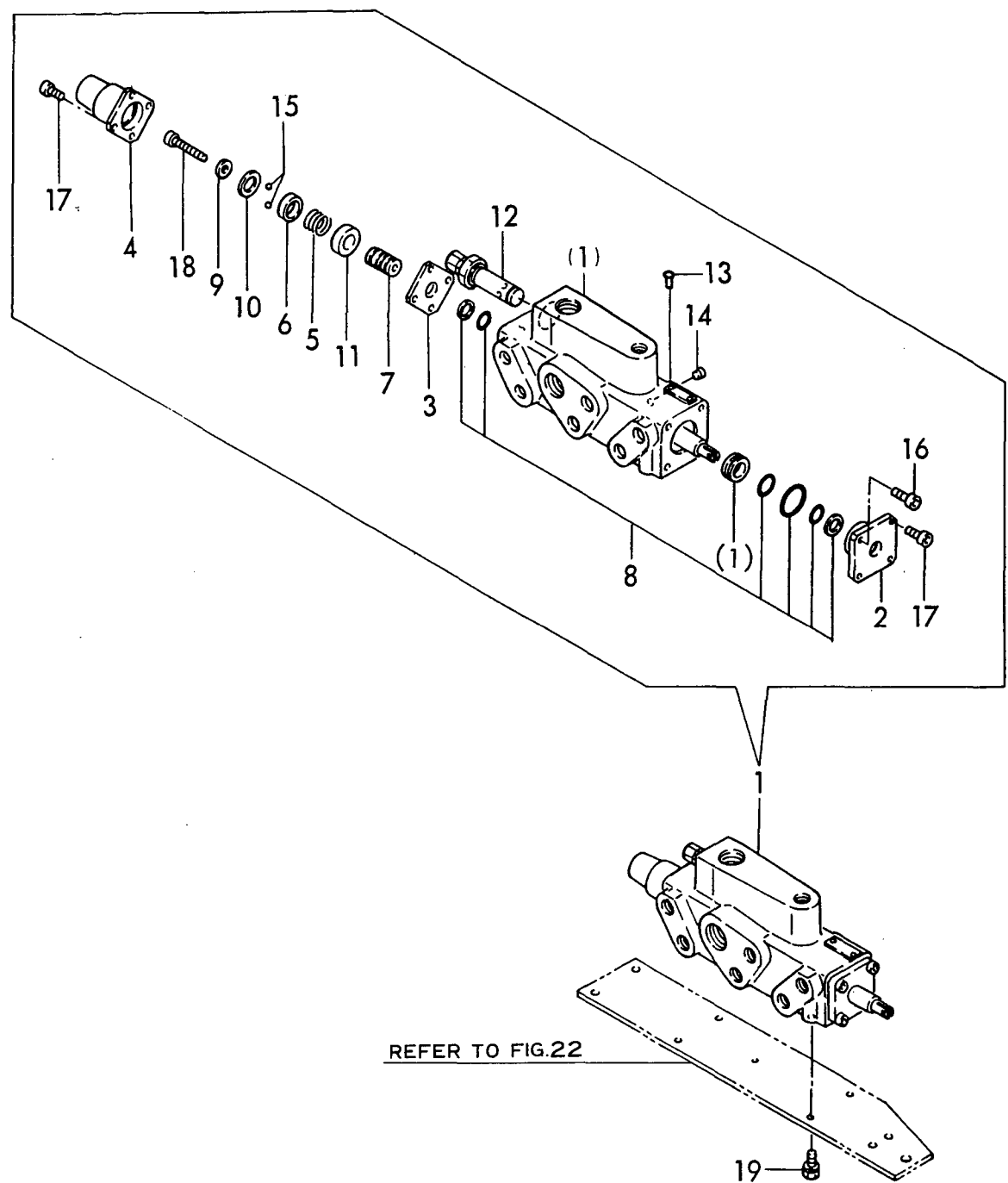
Fig. **44** BRAKE VALVE

<https://truckmanualshub.com/>

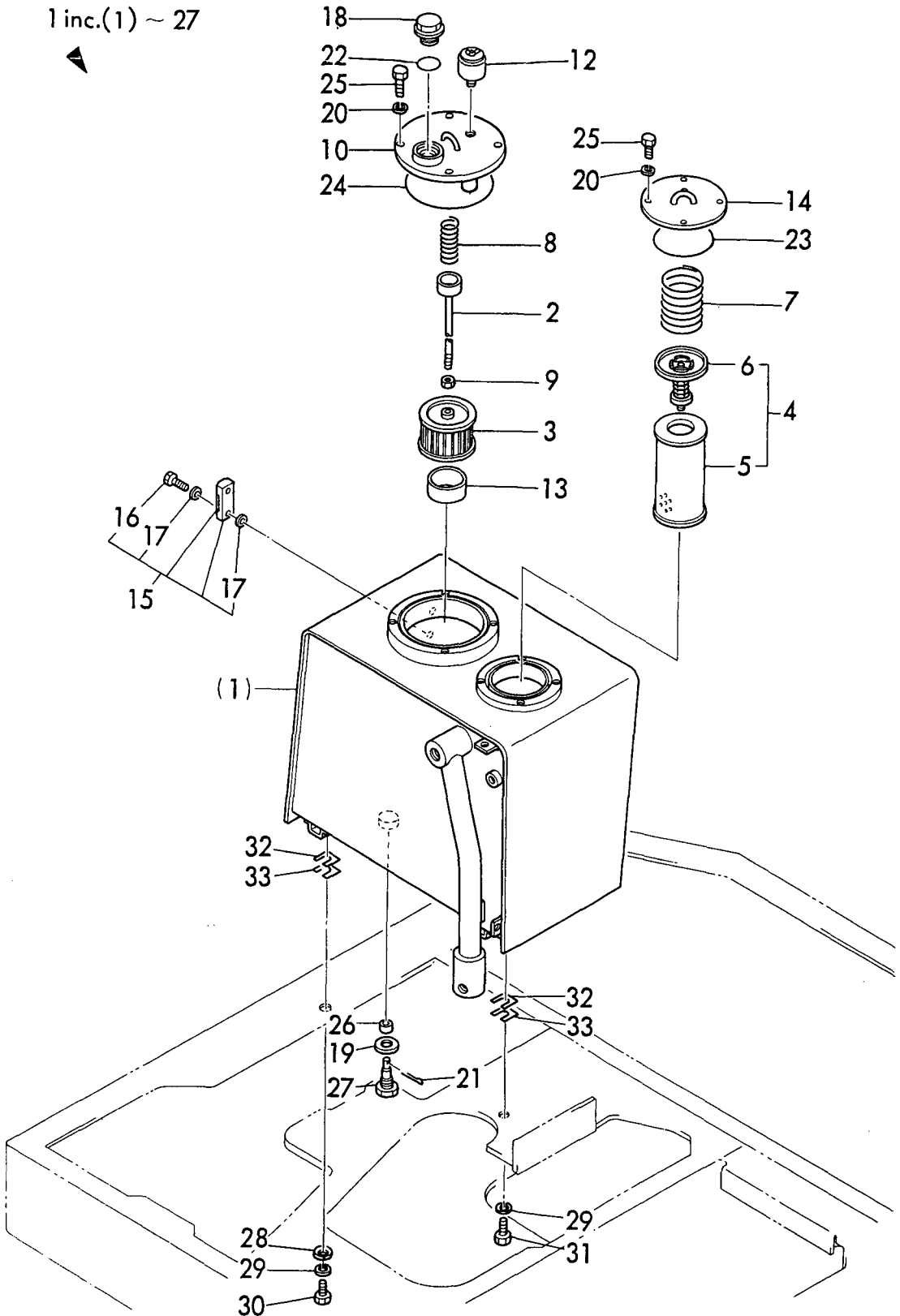


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3,2,,172141-74820,, PLATE,1,,,,,,,,,,,,,
4,2,,172141-74830,, COVER,1,,,,,,,,,,,,,
5,2,,172141-74840,, SPRING,1,,,,,,,,,,,,,
6,2,,172141-74850,, "RETAINER, BALL",1,,,,,,,,,,,,,
7,2,,172141-74860,, "SLEEVE, DETENT",1,,,,,,,,,,,,,
8,2,,172141-74870,, "SEAL KIT",1,,,,,,,,,,,,,
9,2,,172141-74890,, WASHER,1,,,,,,,,,,,,,
10,2,,172141-74900,, GUIDE,1,,,,,,,,,,,,,
11,2,,172141-74910,, SPACER,1,,,,,,,,,,,,,
12,2,,172141-74920,, "VALVE, RELIEF",1,,,,,,,,,,,,,
13,2,,172141-74930,, STUD,2,,,,,,,,,,,,,
14,2,,172141-74950,, "PLUG 1/16",3,,,,,,,,,,,,,
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17,2,,26450-060202,, "BOLT M 6X 20",7,,,,,,,,,,,,,
18,2,,26557-080502,, "SCREW M 8X 50",1,,,,,,,,,,,,,
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Fig. **45** 3RD VALVE (VALVE) <https://truckmanualshub.com/>

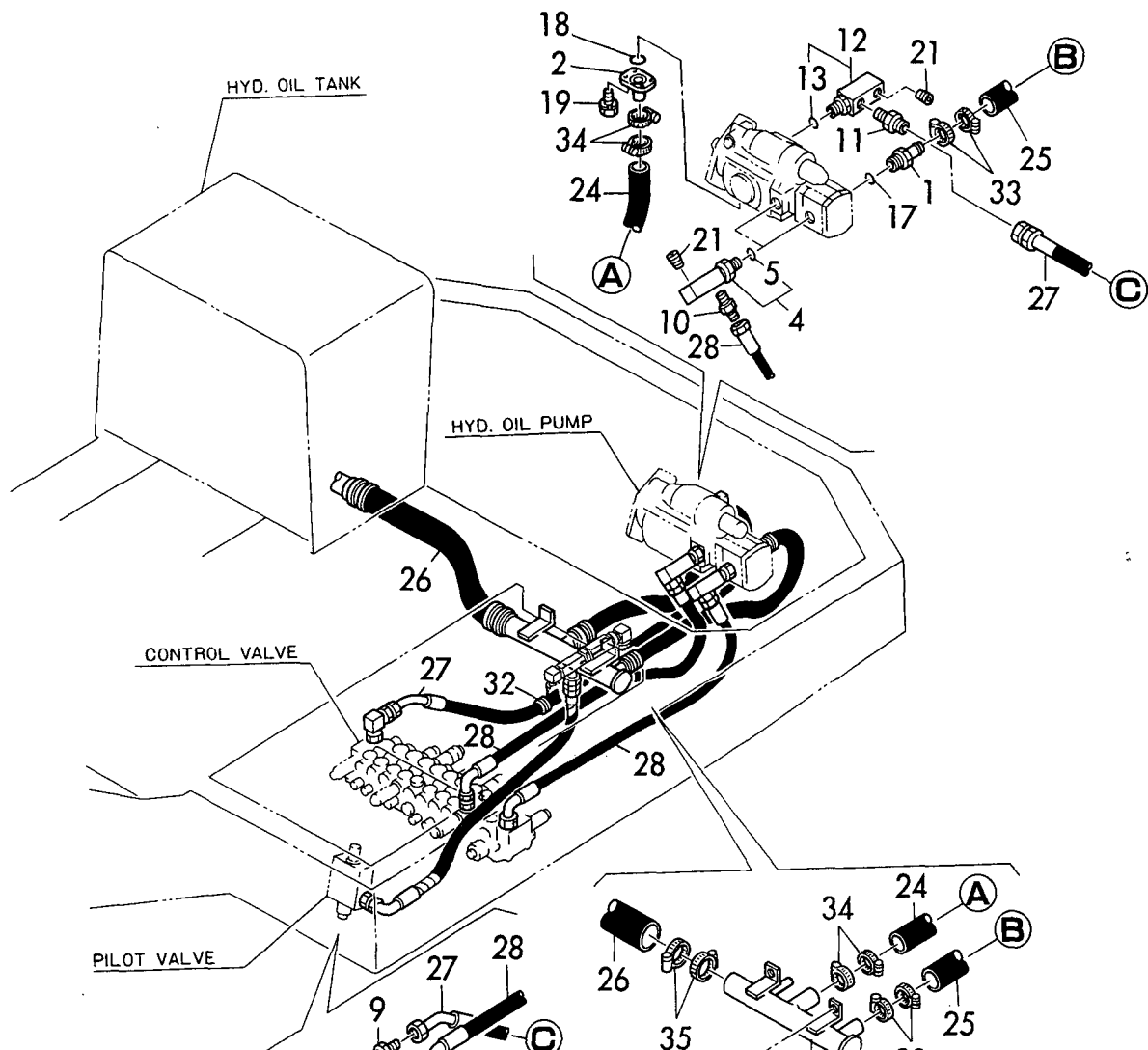


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4,2,,172112-74901,, "ELEMENT W/VALVE",1,,,,,,,,,,,,,
5,3,,172112-74911,, ELEMENT,1,,,,,,,,,,,,,
6,3,,172112-74971,, "VALVE, BY-PASS",1,,,,,,,,,,,,,
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9,2,,26716-100002,, "NUT M10",1,,,,,,,,,,,,,
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12,2,,172312-75130,, "BREATHER, AIR",1,,,,,,,,,,,,,
13,2,,172142-75260,, PIPE,1,,,,,,,,,,,,,
14,2,,172122-75331,, "COVER (B), RESERVOIR",1,,,,,,,,,,,,,
15,2,,172122-75600,, "GAUGE, OIL LEVEL",1,,,,,,,,,,,,,
16,3,,172122-75620,, BOLT,2,,,,,,,,,,,,,
17,3,,172122-75630,, GASKET,4,,,,,,,,,,,,,
18,2,,172116-75850,, "PLUG, OIL FEED",1,,,,,,,,,,,,,
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20,2,,22217-100000,, "SPRING WASHER 10",8,,,,,,,,,,,,,
21,2,,22417-200160,, "COTTER PIN 2.0X16",1,,,,,,,,,,,,,
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26,2,,933171-23042,, MAGNET,1,,,,,,,,,,,,,
27,2,,933171-23062,, "PLUG 24, DRAIN",1,,,,,,,,,,,,,
28,1,,22137-140000,, "WASHER 14, POLISHED",2,,,,,,,,,,,,,
29,1,,22217-140000,, "SPRING WASHER 14",4,,,,,,,,,,,,,
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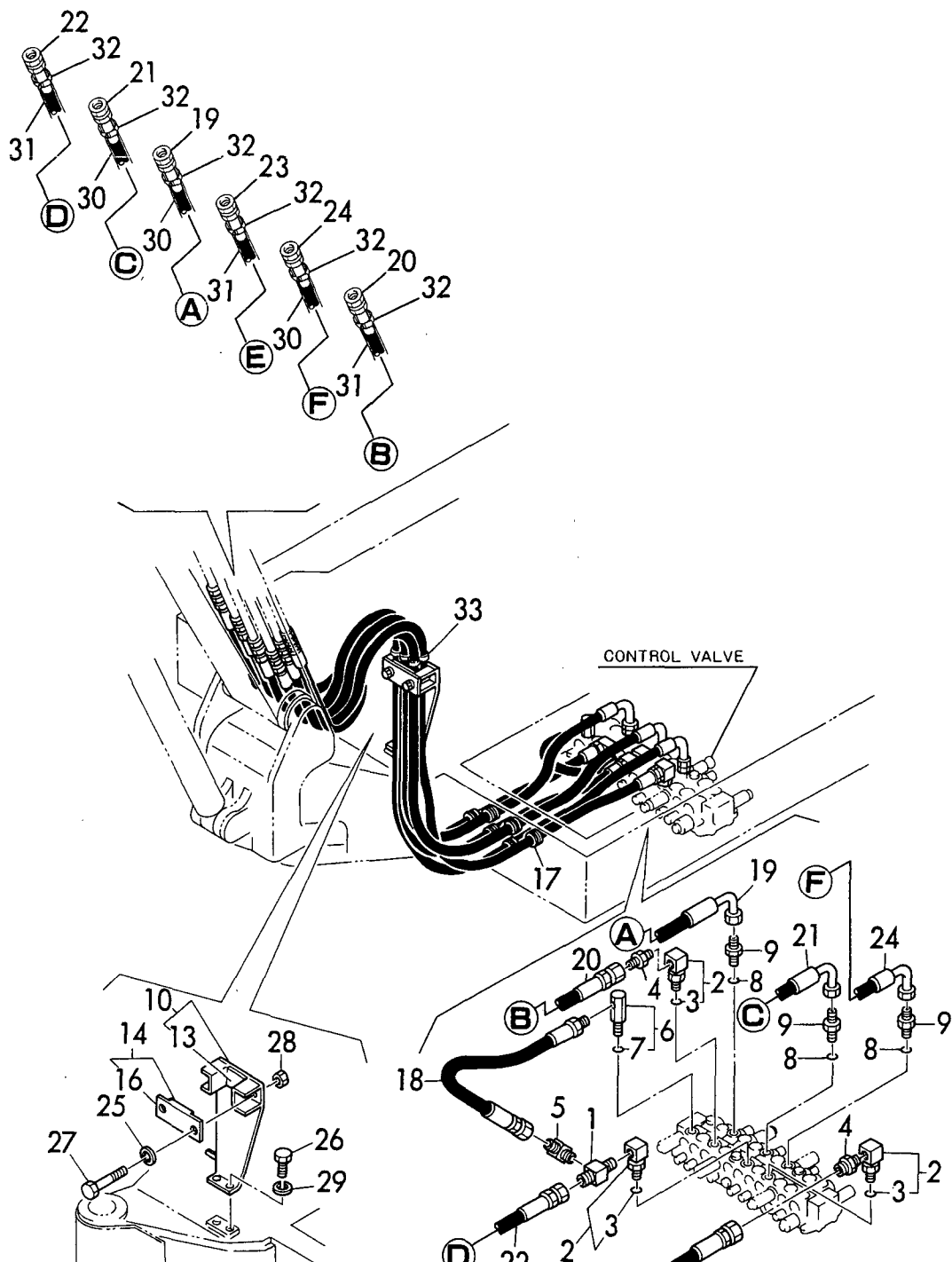
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11,1,,23391-040000,, "JOINT RGI 1/2",1,,,,,,,,,,,,,
12,1,,172142-76110,, "ELBOW PF1/2",1,,,,,,,,,,,,,
13,2,,24315-000180,, "O-RING 1B P-18.0",1,,,,,,,,,,,,,
14,1,,933152-07274,,CONNECTOR,1,,,,,,,,,,,,,
15,1,,933152-07400,, "O-RING (A)",1,,,,,,,,,,,,,
16,1,,24315-000110,, "O-RING 1B P-11.0",1,,,,,,,,,,,,,
17,1,,24315-000240,, "O-RING 1B P-24.0",1,,,,,,,,,,,,,
18,1,,24321-000400,, "O-RING 1A G-40.0",1,,,,,,,,,,,,,
19,1,,26013-100252,, "BOLT W/WASHER M10X25",4,,,,,,,,,,,,,
20,1,,933152-24120,, "O-RING (B)",1,,,,,,,,,,,,,
21,1,,933171-24740,, "PLUG PT3/8",3,,,,,,,,,,,,,
22,1,,172151-76300,, "TUBE, SUCTION",1,,,,,,,,,,,,,
23,1,,26013-100252,, "BOLT W/WASHER M10X25",2,,,,,,,,,,,,,
24,1,,172151-78360,,HOSE,1,,,,,,,,,,,,,
25,1,,172151-78370,,HOSE,1,,,,,,,,,,,,,
26,1,,172151-78380,,HOSE,1,,,,,,,,,,,,,
27,1,,172151-78390,,HOSE,1,,,,,,,,,,,,,
28,1,,172151-78400,,HOSE,2,,,,,,,,,,,,,
29,1,,172151-79440,,HOSE,1,,,,,,,,,,,,,
31,2,,172151-79460,, "TUBE, SPIRAL",1,,,,,,,,,,,,,
32,1,,172112-78750,, "CLAMP (B), HOSE",2,,,,,,,,,,,,,
33,1,,23000-041000,, "CLAMP 41",4,,,,,,,,,,,,,
34,1,,23000-060000,, "CLAMP 60",4,,,,,,,,,,,,,
35,1,,23000-070000,, "CLAMP 70",4,,,,,,,,,,,,,

Fig. **47** HYD. OIL PIPING (TANK~PUMP~VALVE)



1,1,,172151-76100,, "JOINT 1/2-1/2",1,,,,,,,,,,,,,
2,1,,172112-77261,, "CONNECTOR PF1/2L-42",3,,,,,,,,,,,,,
3,2,,933152-24120,, "O-RING (B)",3,,,,,,,,,,,,,
4,1,,23391-040000,, "JOINT RGI 1/2",2,,,,,,,,,,,,,
5,1,,23393-030000,, "JOINT 90RGI 3/8",1,,,,,,,,,,,,,
6,1,,933152-24062,, "CONNECTOR (C)",1,,,,,,,,,,,,,
7,2,,933152-24120,, "O-RING (B)",1,,,,,,,,,,,,,
8,1,,933152-24120,, "O-RING (B)",3,,,,,,,,,,,,,
9,1,,933166-24120,, "CONNECTOR PF1/2-10",3,,,,,,,,,,,,,
10,1,,172151-78100,, SUPPORT,1,,,,,,,,,,,,,
13,2,,172151-78140,, "RUBBER, HOSE SUPPORT",1,,,,,,,,,,,,,
14,1,,172151-78150,, "HOLDER, HOSE",1,,,,,,,,,,,,,
16,2,,172151-78160,, "HOLDER, HOSE",1,,,,,,,,,,,,,
17,1,,172151-78180,, GROMMET,6,,,,,,,,,,,,,
18,1,,172142-78290,, HOSE,1,,,,,,,,,,,,,
19,1,,172151-78410,, HOSE,1,,,,,,,,,,,,,
20,1,,172151-78420,, HOSE,1,,,,,,,,,,,,,
21,1,,172151-78430,, HOSE,1,,,,,,,,,,,,,
22,1,,172151-78440,, HOSE,1,,,,,,,,,,,,,
23,1,,172151-78440,, HOSE,1,,,,,,,,,,,,,
24,1,,172151-78450,, HOSE,1,,,,,,,,,,,,,
25,1,,22217-100000,, "SPRING WASHER 10",2,,,,,,,,,,,,,
26,1,,26116-100202,, "BOLT M10X 20 PLATED",2,,,,,,,,,,,,,
27,1,,26116-100802,, "BOLT M10X 80 PLATED",2,,,,,,,,,,,,,
28,1,,26716-100002,, "NUT M10",2,,,,,,,,,,,,,
29,1,,22217-100000,, "SPRING WASHER 10",2,,,,,,,,,,,,,
30,1,,172142-78800,, "COVER 20-700, HOSE",3,,,,,,,,,,,,,I
31,1,,172151-79410,, HOSE,3,,,,,,,,,,,,,I
32,1,,23000-035000,, "CLAMP 35",6,,,,,,,,,,,,,I
33,1,,172122-79920,, CLAMP,6,,,,,,,,,,,,,I

Fig. **48** HYD. OIL PIPING (VALVE~BOOM) <https://truckmaniacsclub.com/>

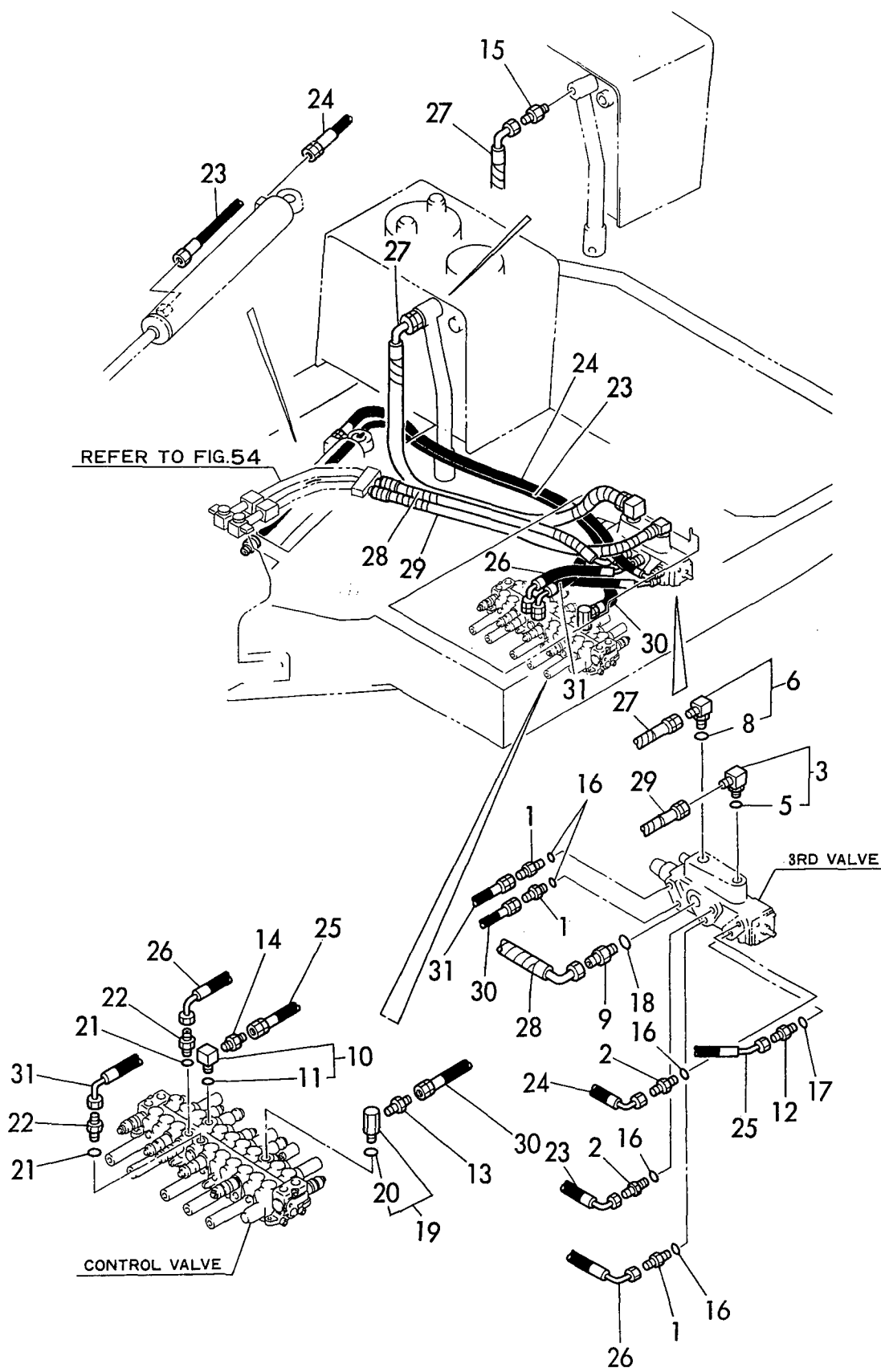


1,1,,172730-75140,,ADAPTOR,2,,,,,,,,,,,,,
2,1,,172151-76110,,ADAPTER,1,,,,,,,,,,,,,
3,1,,172123-76120,, "CONNECTOR PF1/4",1,,,,,,,,,,,,,
4,1,,172124-76170,, "NIPPLE 3/4U-PF1/2",2,,,,,,,,,,,,,
5,1,,172151-78520,,HOSE,1,,,,,,,,,,,,,
6,1,,172112-77261,, "CONNECTOR PF1/2L-42",1,,,,,,,,,,,,,
7,2,,933152-24120,, "O-RING (B)",1,,,,,,,,,,,,,
8,1,,23391-020000,, "JOINT RGI1/4",1,,,,,,,,,,,,,
9,1,,23391-020000,, "JOINT RGI1/4",2,,,,,,,,,,,,,
10,1,,23391-040000,, "JOINT RGI 1/2",1,,,,,,,,,,,,,
11,1,,23393-040000,, "JOINT 90RGI 1/4",2,,,,,,,,,,,,,
12,1,,23394-040000,, "JOINT 45RGI1/4",2,,,,,,,,,,,,,
13,1,,23393-040000,, "JOINT 90RGI 1/4",1,,,,,,,,,,,,,
14,1,,24315-000110,, "O-RING 1B P-11.0",1,,,,,,,,,,,,,
15,1,,24315-000140,, "O-RING 1B P-14.0",2,,,,,,,,,,,,,
16,1,,24315-000180,, "O-RING 1B P-18.0",1,,,,,,,,,,,,,
17,1,,933152-24062,, "CONNECTOR (C)",1,,,,,,,,,,,,,
18,2,,933152-24120,, "O-RING (B)",1,,,,,,,,,,,,,
19,1,,933152-24120,, "O-RING (B)",7,,,,,,,,,,,,,
20,1,,933152-24410,, "CONNECTOR (A)",1,,,,,,,,,,,,,
21,1,,933152-24410,, "CONNECTOR (A)",2,,,,,,,,,,,,,
22,1,,933155-08481,, "CONNECTOR (A)",1,,,,,,,,,,,,,
23,1,,933166-24120,, "CONNECTOR PF1/2-10",2,,,,,,,,,,,,,
24,1,,933171-24520,, "CONNECTOR 3/8-78",2,,,,,,,,,,,,,
25,1,,172151-78480,,HOSE,2,,,,,,,,,,,,,
26,1,,172151-78490,,HOSE,2,,,,,,,,,,,,,
27,1,,172151-78530,,HOSE,1,,,,,,,,,,,,,
28,1,,172151-78540,,HOSE,2,,,,,,,,,,,,,
29,1,,172151-78570,,HOSE,1,,,,,,,,,,,,,
30,1,,172151-78580,,HOSE,1,,,,,,,,,,,,,
31,1,,194250-51660,, "BAND 250",1,,,,,,,,,,,,,I

1,1,,172730-75140,,ADAPTOR,3,,,,,,,,,,,,,
2,1,,172124-76160,,CONNECTOR,2,,,,,,,,,,,,,
3,1,,172151-76160,,ELBOW,1,,,,,,,,,,,,,
5,2,,24315-000180,, "O-RING 1B P-18.0",1,,,,,,,,,,,,,
6,1,,172151-76180,,ELBOW,1,,,,,,,,,,,,,
8,2,,24315-000240,, "O-RING 1B P-24.0",1,,,,,,,,,,,,,
9,1,,172151-76200,, "JOINT PF3/4- 1",1,,,,,,,,,,,,,
10,1,,172112-77261,, "CONNECTOR PF1/2L-42",1,,,,,,,,,,,,,
11,2,,933152-24120,, "O-RING (B)",1,,,,,,,,,,,,,
12,1,,172112-77360,, "CONNECTOR PF1/2PF1/2",1,,,,,,,,,,,,,
13,1,,23391-030000,, "JOINT RGI 3/8",1,,,,,,,,,,,,,
14,1,,23391-040000,, "JOINT RGI 1/2",1,,,,,,,,,,,,,
15,1,,23391-100000,, JOINT,1,,,,,,,,,,,,,
16,1,,24315-000140,, "O-RING 1B P-14.0",5,,,,,,,,,,,,,
17,1,,24315-000180,, "O-RING 1B P-18.0",1,,,,,,,,,,,,,
18,1,,24315-000240,, "O-RING 1B P-24.0",1,,,,,,,,,,,,,
19,1,,933152-24062,, "CONNECTOR (C)",1,,,,,,,,,,,,,
20,2,,933152-24120,, "O-RING (B)",1,,,,,,,,,,,,,
21,1,,933152-24120,, "O-RING (B)",2,,,,,,,,,,,,,
22,1,,933155-08481,, "CONNECTOR (A)",2,,,,,,,,,,,,,
23,1,,172151-78700,, HOSE,1,,,,,,,,,,,,,
24,1,,172151-78710,, HOSE,1,,,,,,,,,,,,,
25,1,,172151-78720,, HOSE,1,,,,,,,,,,,,,
26,1,,172151-78730,, HOSE,1,,,,,,,,,,,,,
27,1,,172151-78740,, HOSE,1,,,,,,,,,,,,,
28,1,,172151-78750,, HOSE,1,,,,,,,,,,,,,
29,1,,172151-78760,, HOSE,1,,,,,,,,,,,,,
30,1,,23272-030484,, HOSE,1,,,,,,,,,,,,,
31,1,,23272-030495,, HOSE,1,,,,,,,,,,,,,

Fig. **50** HYD. OIL PIPING (3RD VALVE, FRAME)

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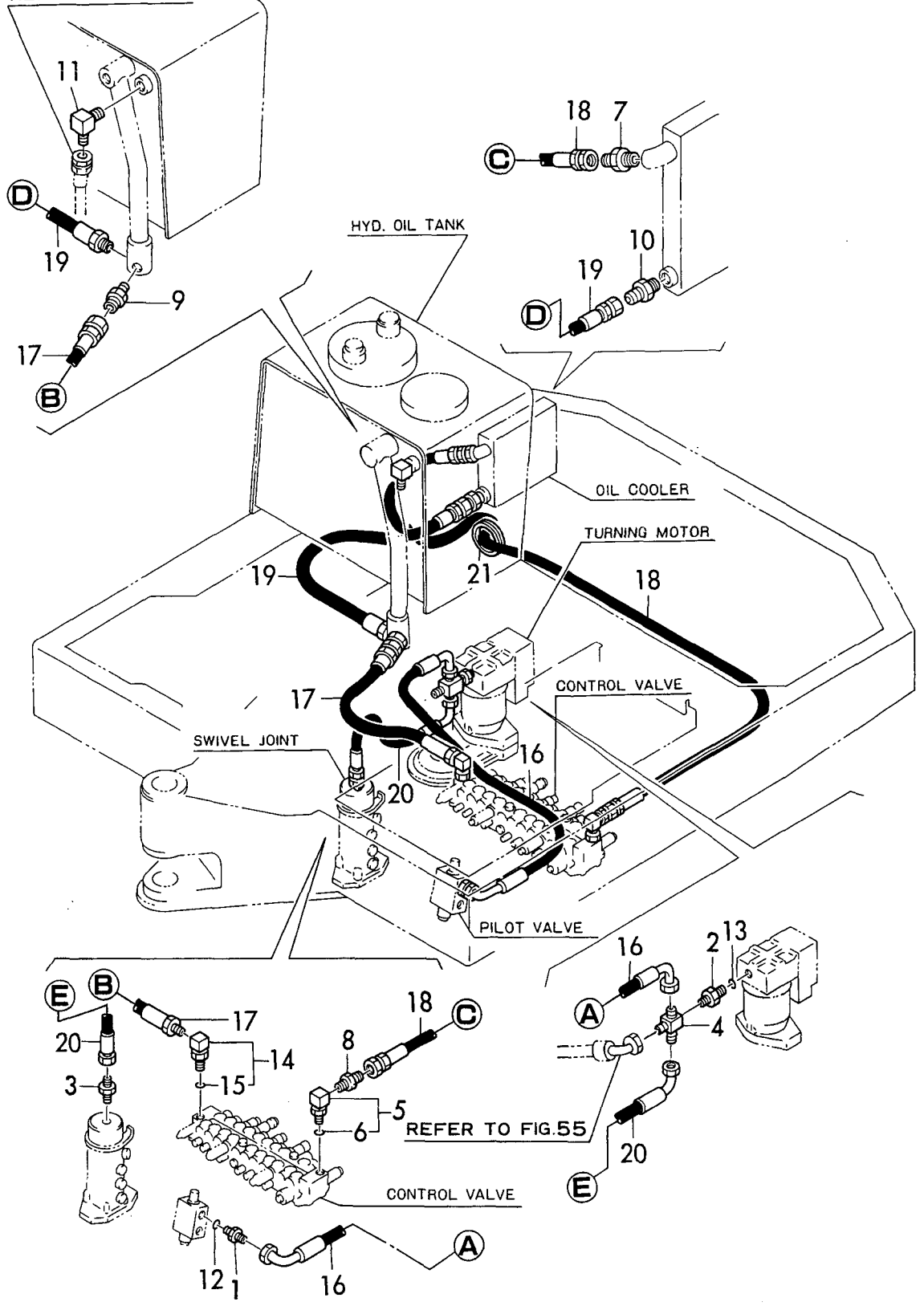


1,1,,172123-76120,, "CONNECTOR PF1/4",1,,,,,,,,,,,,,
2,1,,172147-76170,, CONNECTOR,1,,,,,,,,,,,,,
3,1,,172312-76190,, "NIPPLE 3/8X1/4",1,,,,,,,,,,,,,
4,1,,172147-76200,, JOINT,1,,,,,,,,,,,,,
5,1,,172124-76350,, "CONNECTOR 1/2",1,,,,,,,,,,,,,
6,2,,933152-07400,, "O-RING (A)",1,,,,,,,,,,,,,
7,1,,172112-77420,, "CONNECTOR PF1/2PT3/4",1,,,,,,,,,,,,,
8,1,,23391-040000,, "JOINT RGI 1/2",1,,,,,,,,,,,,,
9,1,,23391-060000,, "JOINT RGI 3/4",1,,,,,,,,,,,,,
10,1,,23391-060000,, "JOINT RGI 3/4",1,,,,,,,,,,,,,
11,1,,23393-030000,, "JOINT 90RGI 3/8",1,,,,,,,,,,,,,
12,1,,24315-000110,, "O-RING 1B P-11.0",1,,,,,,,,,,,,,
13,1,,24315-000140,, "O-RING 1B P-14.0",1,,,,,,,,,,,,,
14,1,,933171-24901,, CONNECTOR,1,,,,,,,,,,,,,
15,2,,933152-07400,, "O-RING (A)",1,,,,,,,,,,,,,
16,1,,172151-78560,, HOSE,1,,,,,,,,,,,,,
17,1,,172151-78590,, HOSE,1,,,,,,,,,,,,,
18,1,,172151-78600,, HOSE,1,,,,,,,,,,,,,
19,1,,172151-78610,, HOSE,1,,,,,,,,,,,,,
20,1,,23251-020554,, HOSE,1,,,,,,,,,,,,,
21,1,,29311-515000,, "GROMMET 51X5",1,,,,,,,,,,,,,

Fig. **51** HYD. OIL PIPING(RETURN)

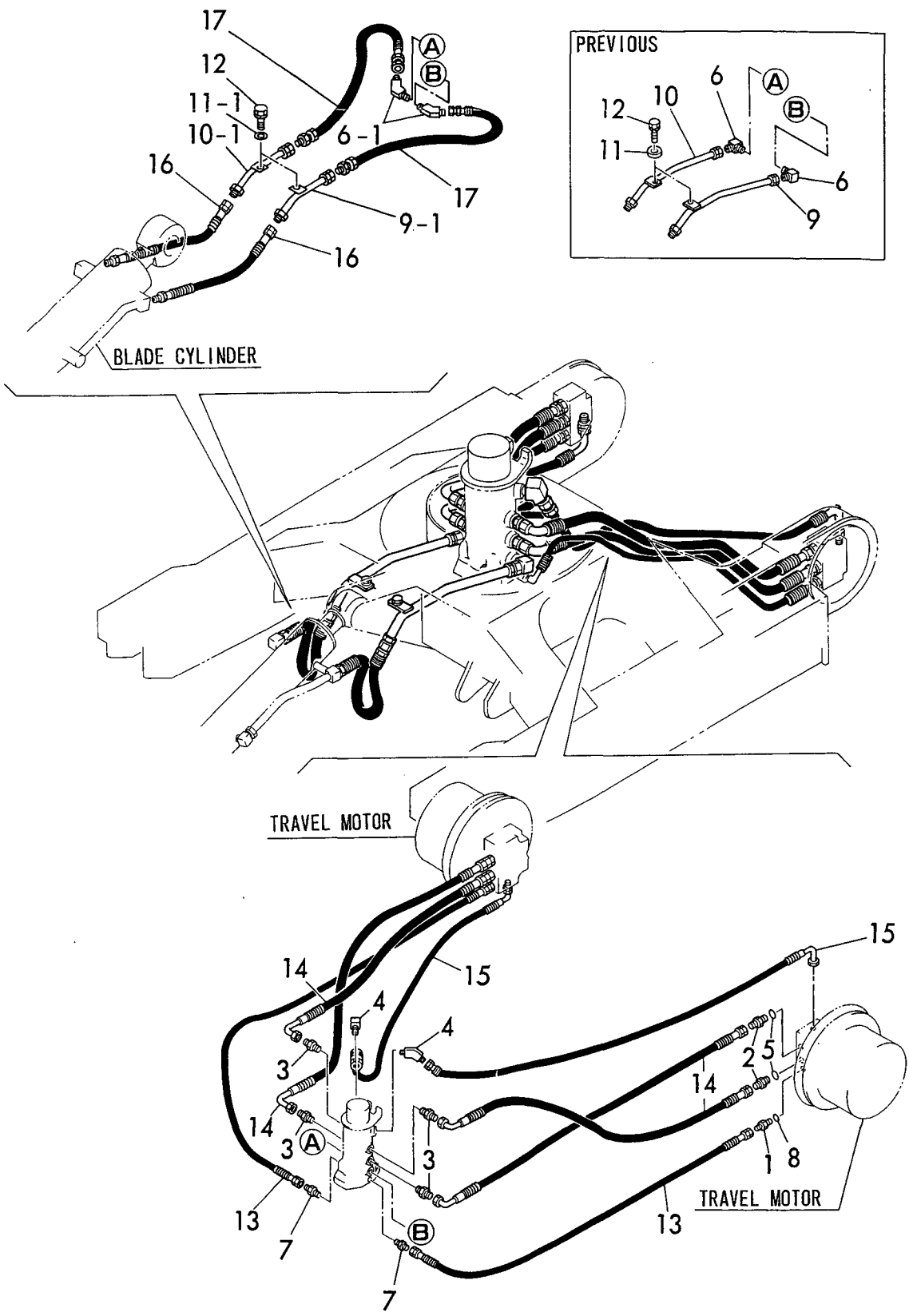
<https://truckmanipalshub.com/>

REFER TO FIG.55



1,1,,172730-75140,,ADAPTOR,2,,,,,,,,,,,,,
2,1,,172112-77360,, "CONNECTOR PF1/2PF1/2",4,,,,,,,,,,,,,
3,1,,23391-040000,, "JOINT RGI 1/2",4,,,,,,,,,,,,,
4,1,,23394-020000,, "JOINT 45RGI1/4",2,,,,,,,,,,,,,
5,1,,24315-000180,, "O-RING 1B P-18.0",4,,,,,,,,,,,,,
6,1,,23393-030000,, "JOINT 90RGI 3/8",2,,,,,,,,,,,,,
6-1,1,,23394-030000,, "JOINT 45RGI 3/8",2,,,,,,S,,72147168,M10676,,,,,,,,,I
7,1,,933152-24410,, "CONNECTOR (A)",2,,,,,,,,,,,,,
8,1,,24315-000140,, "O-RING 1B P-14.0",2,,,,,,,,,,,,,
9,1,,172147-76550,, "TUBE(A), BLADE",1,,,,,,,,,,,,,
9-1,1,,172147-76551,, "TUBE(A),BRADE",1,,,,,,S,,72147168,M10676,,,,,,,,,I
10,1,,172147-76570,, "TUBE(B), BLADE",1,,,,,,,,,,,,,
10-1,1,,172147-76571,, "TUBE(B),BRADE",1,,,,,,S,,72147168,M10676,,,,,,,,,I
11,1,,22137-100000,, "WASHER 10,POLISHED",2,,,,,,,,,,,,,
11-1,1,,194145-04810,, "WASHER 10",2,,,,,,S,,72147168,M10676,,,,,,,,,I
12,1,,26013-100252,, "BOLT W/WASHER M10X25",2,,,,,,,,,,,,,
13,1,,172124-78321,, "HOSE G706BB140W",2,,,,,,,,,,,,,
14,1,,172147-78620,, HOSE,4,,,,,,,,,,,,,
15,1,,172147-78680,, HOSE,2,,,,,,,,,,,,,
16,1,,172147-78720,, HOSE,2,,,,,,,,,,,,,
17,1,,172141-78420,, HOSE,2,,,,,,W,,72147168,M10676,,,,,,,,,I

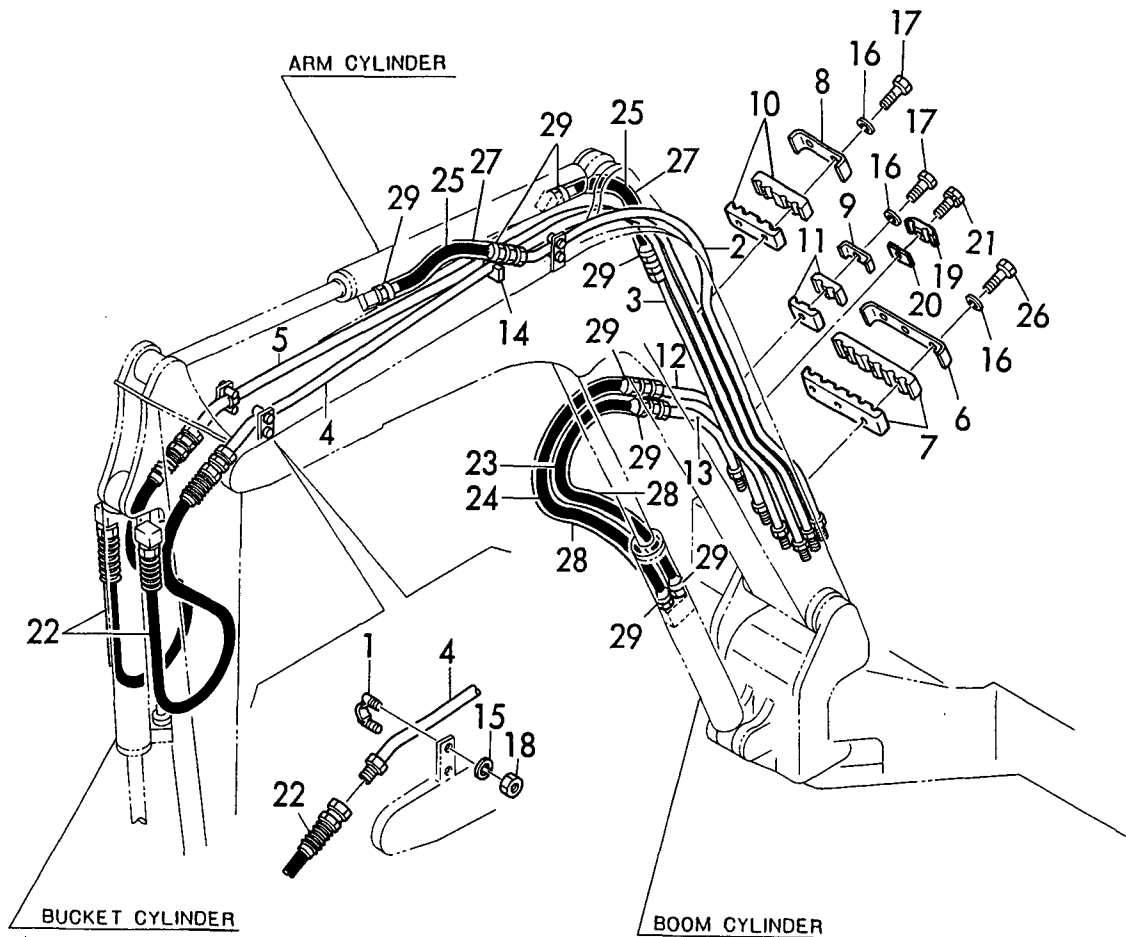
Fig. **52** HYD. OIL PIPING (TRAVEL) <https://truckmanualshub.com/>



1,1,,172112-76321,, "RETAINER (YELLOW)",3,,,,,,,,,,,,,
2,1,,172151-76440,, "TUBE(A), ARM",1,,,,,,,,,,,,,
3,1,,172151-76460,, "TUBE(B), ARM",1,,,,,,,,,,,,,
4,1,,172151-76480,, "TUBE(A), BUCKET",1,,,,,,,,,,,,,
5,1,,172151-76500,, "TUBE(B), BUCKET",1,,,,,,,,,,,,,
6,1,,172151-76550,, "CLAMP, TUBE",1,,,,,,,,,,,,,
7,1,,172151-76560,, "RUBBER CLAMP, TUBE",2,,,,,,,,,,,,,
8,1,,172147-76750,, "CLAMP, PIPE(A)",1,,,,,,,,,,,,,
9,1,,172147-76760,, "CLAMP, TUBE",1,,,,,,,,,,,,,
10,1,,172147-76770,, "CLAMP, RUBBER",2,,,,,,,,,,,,,
11,1,,172147-76780,, "CLAMP, RUBBER",2,,,,,,,,,,,,,
12,1,,172151-76400,, "TUBE, BOOM",1,,,,,,,,,,,,,
13,1,,172151-76420,, "TUBE, BOOM",1,,,,,,,,,,,,,
14,1,,172112-81720,, "CUSION RUBBER, PIPE",1,,,,,,,,,,,,,
15,1,,22217-080000,, "SPRING WASHER 8",6,,,,,,,,,,,,,
16,1,,22217-100000,, "SPRING WASHER 10",6,,,,,,,,,,,,,
17,1,,26116-100602,, "BOLT M10X 60 PLATED",3,,,,,,,,,,,,,
18,1,,26717-080002,, "NUT M 8",6,,,,,,,,,,,,,
19,1,,933155-09670,, "CLAMP, PIPE",1,,,,,,,,,,,,,
20,1,,172310-51290,, "SEAT, CLAMP",1,,,,,,,,,,,,,
21,1,,26013-100452,, "BOLT M10X 45",1,,,,,,,,,,,,,
22,1,,172124-78400,, "HOSE G208AB100W",2,,,,,,,,,,,,,
23,1,,23202-040801,, "PIPE 04X80",1,,,,,,,,,,,,,
24,1,,23202-040901,, "HOSE",1,,,,,,,,,,,,,
25,1,,23272-040701,, "HOSE",2,,,,,,,,,,,,,
26,1,,26116-100552,, "BOLT M10X 55 PLATED",2,,,,,,,,,,,,,
27,1,,172142-78800,, "COVER 20-700, HOSE",2,,,,,,,,,,,,,
28,1,,172151-79410,, "HOSE",2,,,,,,,,,,,,,
29,1,,23000-035000,, "CLAMP 35",8,,,,,,,,,,,,,

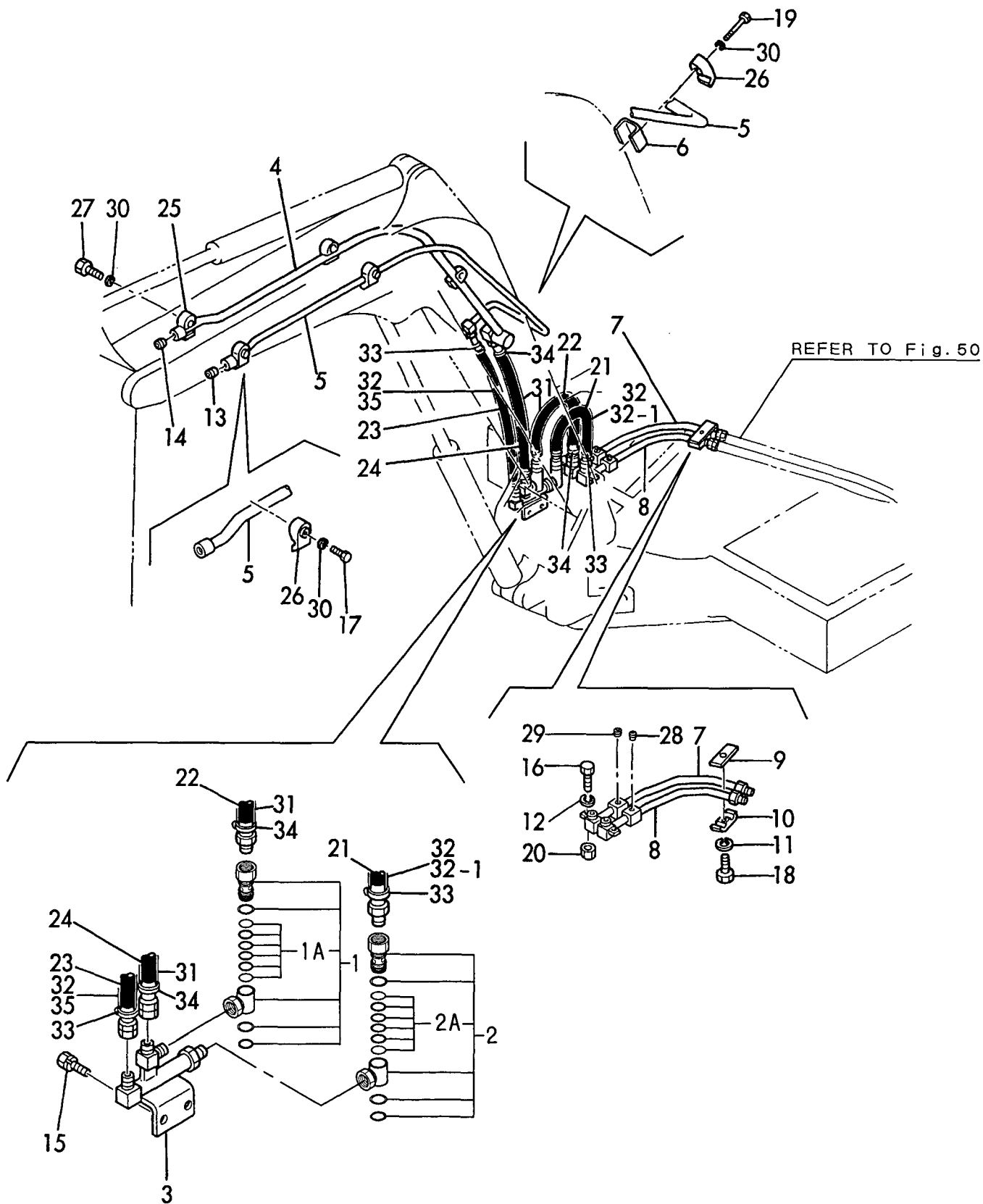
Fig. **53** HYD. OIL PIPING (BOOM)

<https://truckmanualshub.com/>



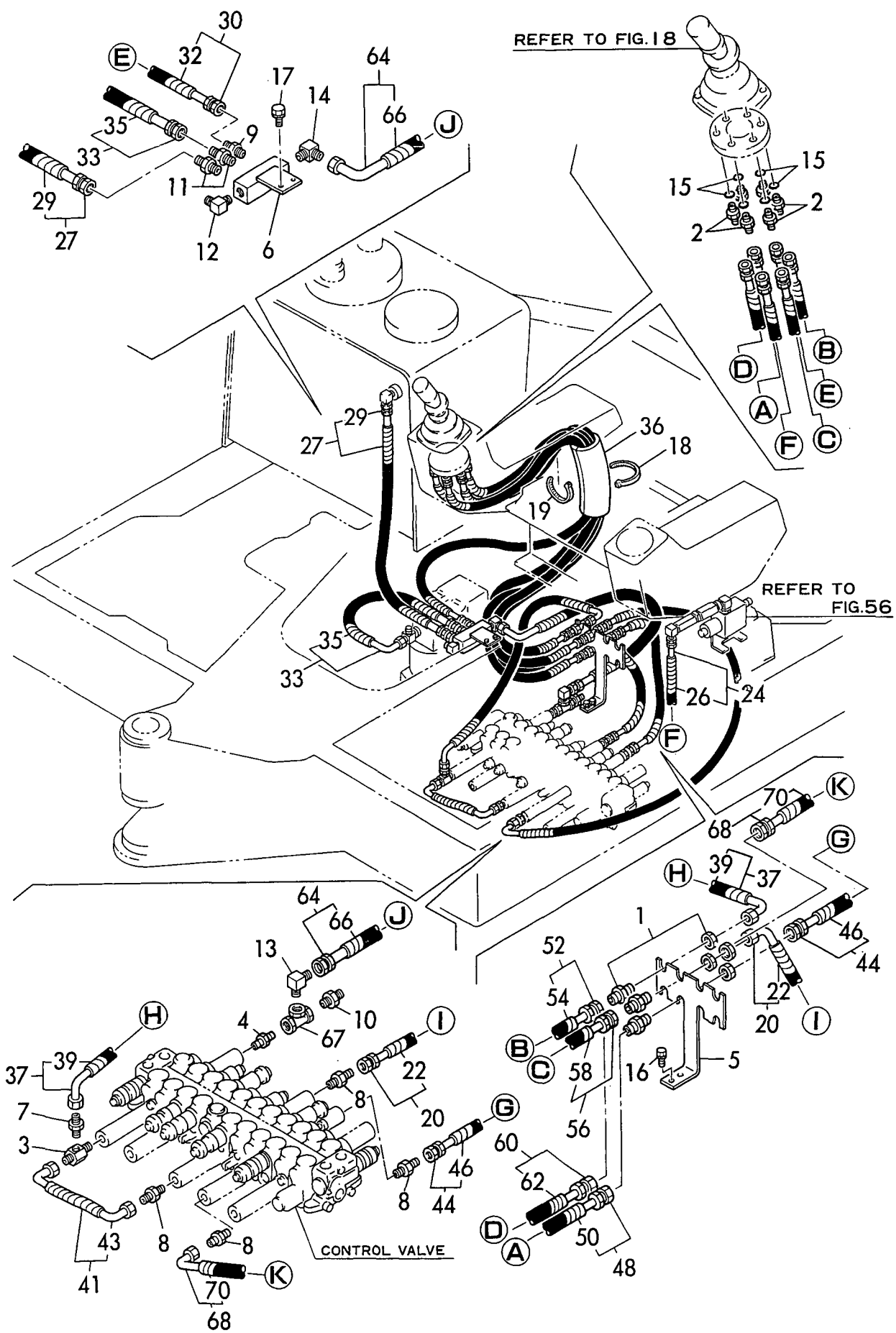
1,1,,172151-76210,,JOINT,1,,,,,,,,,,,,,
1A,2,,172151-76010,, "SEAL SET",1,,,,,,W,,72151165,*1996.07,,,,,,,,,,I
2,1,,172142-76280,, "JOINT 3/4, SWIVEL",1,,,,,,,,,,,,,
2A,2,,172142-77050,, "SEAL SET",1,,,,,,W,,72142389,*1996.02,,,,,,,,,,I
3,1,,172151-76700,, "JOINT, 3RD",1,,,,,,,,,,,,,
4,1,,172151-76900,, "TUBE (G), 3RD",1,,,,,,,,,,,,,
5,1,,172151-76880,, "TUBE (F), 3RD",1,,,,,,,,,,,,,
6,1,,172151-76790,, "PLATE, CLAMP",1,,,,,,,,,,,,,
7,1,,172151-76250,, "TUBE(D), 3RD",1,,,,,,,,,,,,,
8,1,,172151-76360,, "TUBE(E), 3RD",1,,,,,,,,,,,,,
9,1,,172151-76870,, PLATE,1,,,,,,,,,,,,,
10,1,,172125-76900,, CLAMP,1,,,,,,,,,,,,,
11,1,,22217-120000,, "WASHER 12, SPRING",1,,,,,,,,,,,,,
12,1,,22217-120000,, "WASHER 12, SPRING",2,,,,,,,,,,,,,
13,1,,23871-060000,, "PLUG PT3/4, SCREW",1,,,,,,,,,,,,,
14,1,,23871-100000,, "PLUG PT1",1,,,,,,,,,,,,,
15,1,,26013-100252,, "BOLT W/WASHER M10X25",2,,,,,,,,,,,,,
16,1,,26116-120202,, "BOLT M12X 20 PLATED",2,,,,,,,,,,,,,
17,1,,26116-120552,, "BOLT M12X 55 PLATED",2,,,,,,,,,,,,,
18,1,,26116-120752,, "BOLT M12X 75 PLATED",1,,,,,,,,,,,,,
19,1,,26116-120902,, "BOLT M12X 90 PLATED",1,,,,,,,,,,,,,
20,1,,26716-120002,, "NUT M12",2,,,,,,,,,,,,,
21,1,,172151-78770,, HOSE,1,,,,,,,,,,,,,
22,1,,172151-78780,, HOSE,1,,,,,,,,,,,,,
23,1,,172151-78790,, HOSE,1,,,,,,,,,,,,,
24,1,,172151-78800,, HOSE,1,,,,,,,,,,,,,
25,1,,172151-76990,, CLAMP,3,,,,,,,,,,,,,
26,1,,172142-76940,, "CLAMP 3/4",3,,,,,,,,,,,,,
27,1,,26116-120602,, "BOLT M12X 60 PLATED",3,,,,,,,,,,,,,
28,1,,23871-030000,, "PLUG PT3/8, SCREW",1,,,,,,,,,,,,,
29,1,,23871-040000,, "PLUG PT1/2, SCREW",1,,,,,,,,,,,,,
30,1,,22217-120000,, "WASHER 12, SPRING",6,,,,,,,,,,,,,
31,1,,172151-79400,, COVER,2,,,,,,,,,,,,,
32,1,,172151-79420,, COVER,2,,,,,,,,,,,,,
32-1,1,,172151-79420,, COVER,1,,,,,,K,,72151118,M00501,,,,,,,,,,
33,1,,23000-041000,, "CLAMP 41",4,,,,,,,,,,,,,
34,1,,23000-060000,, "CLAMP 60",4,,,,,,,,,,,,,
35,1,,172151-79430,, "COVER, HOSE",1,,,,,,W,,72151118,M00501,,,,,,,,,,

Fig. 54 HYD. OIL PIPING (3RD VALVE, BOOM)



1,1,,172151-76050,,JOINT,4,,,,,,,,,,,,,
2,1,,172123-76120,, "CONNECTOR PF1/4",6,,,,,,,,,,,,,
3,1,,172151-76240,, "CONNECTOR 1/4-1/4",1,,,,,,,,,,,,,
4,1,,172312-76240,, "NIPPLE 1/4-3/8",1,,,,,,,,,,,,,
4-1,1,,172312-76260,, "NIPPLE PT3/8-1/4",1,,,,,S,,72151118,M00501,,,,,,,,,I
5,1,,172151-76320,, PLATE,1,,,,,,,,,,,,,
6,1,,172151-76330,, JOINT,1,,,,,,,,,,,,,
7,1,,23391-020000,, "JOINT RGI1/4",1,,,,,,,,,,,,,
8,1,,23391-020000,, "JOINT RGI1/4",4,,,,,,,,,,,,,
9,1,,23391-020000,, "JOINT RGI1/4",1,,,,,,,,,,,,,
10,1,,23391-030000,, "JOINT RGI 3/8",1,,,,,,,,,,,,,
11,1,,23391-030000,, "JOINT RGI 3/8",2,,,,,,,,,,,,,
12,1,,23393-020000,, "JOINT 90RGI1/4",1,,,,,,,,,,,,,
13,1,,23393-030000,, "JOINT 90RGI 3/8",1,,,,,,,,,,,,,
14,1,,23393-030000,, "JOINT 90RGI 3/8",1,,,,,,,,,,,,,
15,1,,24315-000110,, "O-RING 1B P-11.0",6,,,,,,,,,,,,,
16,1,,26013-080202,, "BOLT W/WASHER M8X20",2,,,,,,,,,,,,,
17,1,,26013-100302,, "BOLT M10X 30",2,,,,,,,,,,,,,
18,1,,172126-11510,, "BAND 300",3,,,,,,,,,,,,,
19,1,,194202-56460,, BAND,2,,,,,,,,,,,,,
20,1,,172151-78000,, HOSE,1,,,,,,,,,,,,,
22,2,,172151-78020,, "TUBE, SPIRAL",1,,,,,,,,,,,,,
24,1,,172151-78260,, HOSE,1,,,,,,,,,,,,,
26,2,,172151-78280,, "TUBE, SPIRAL",1,,,,,,,,,,,,,
27,1,,172151-78320,, HOSE,1,,,,,,,,,,,,,
29,2,,172151-78340,, "TUBE, SPIRAL",1,,,,,,,,,,,,,
30,1,,172151-78630,, HOSE,1,,,,,,,,,,,,,
32,2,,172151-78650,, "TUBE, SPIRAL",1,,,,,,,,,,,,,
33,1,,172151-78660,, HOSE,1,,,,,,,,,,,,,
35,2,,172151-78680,, "TUBE, SPIRAL",1,,,,,,,,,,,,,
36,1,,172151-78980,, "SPONGY HOSE",1,,,,,,,,,,,,,
37,1,,172151-79000,, HOSE,1,,,,,,,,,,,,,
39,2,,172151-79020,, "TUBE, SPIRAL",1,,,,,,,,,,,,,
41,1,,172151-79030,, HOSE,1,,,,,,,,,,,,,
43,2,,172151-79050,, "TUBE, SPIRAL",1,,,,,,,,,,,,,
44,1,,172151-78850,, HOSE,1,,,,,,,,,,,,,
46,2,,172151-78870,, "HOOK, PEDAL",1,,,,,,,,,,,,,
48,1,,172151-79090,, HOSE,1,,,,,,,,,,,,,
50,2,,172151-79110,, "TUBE, SPIRAL",1,,,,,,,,,,,,,
52,1,,172151-79130,, HOSE,1,,,,,,,,,,,,,
54,2,,172151-79110,, "TUBE, SPIRAL",1,,,,,,,,,,,,,
56,1,,172151-79150,, HOSE,1,,,,,,,,,,,,,
58,2,,172151-79110,, "TUBE, SPIRAL",1,,,,,,,,,,,,,
60,1,,172151-79170,, HOSE,1,,,,,,,,,,,,,
62,2,,172151-79110,, "TUBE, SPIRAL",1,,,,,,,,,,,,,
64,1,,172151-79270,, HOSE,1,,,,,,,,,,,,,
66,2,,172151-79290,, "TUBE, SPIRAL",1,,,,,,,,,,,,,
67,1,,23121-030007,, "T-JOINT PT3/8",1,,,,,,,,,,,,,
68,1,,172151-78910,, HOSE,1,,,,,,,,,,,,,
70,2,,172151-78930,, "TUBE, SPIRAL",1,,,,,,,,,,,,,

Fig. **55** HYD. OIL PIPING (PILOT) (RIGHT)

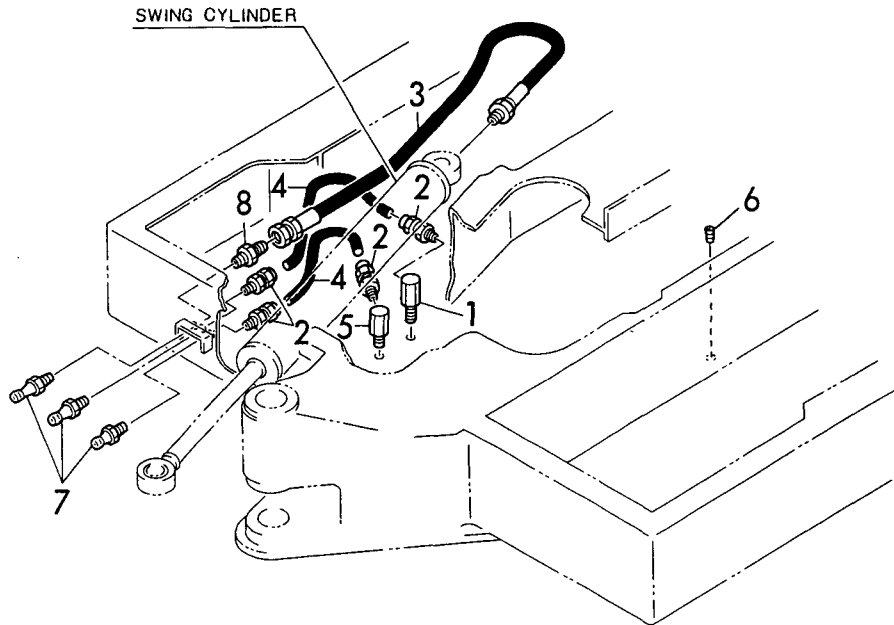


1,1,,172151-45350,,BRACKET,1,,,,,,,,,,,,,
2,1,,172151-74380,, "VALVE, CUT-OFF",1,,,,,,,,,,,,,
3,2,,172151-74390,,SOLENOID,1,,,,,,,,,,,,,
4,2,,172151-74420,, "BOLT M 4X 10",2,,,,,,,,,,,,,
5,2,,24311-000220,, "O-RING 1A P-22.0",1,,,,,,,,,,,,,
6,1,,22217-060000,, "SPRING WASHER 6",2,,,,,,,,,,,,,
7,1,,26013-100202,, "BOLT W/WASHER M10X20",2,,,,,,,,,,,,,
8,1,,26116-060552,, "BOLT M 6X 55 PLATED",2,,,,,,,,,,,,,
9,1,,172151-76050,,JOINT,4,,,,,,,,,,,,,
10,1,,172137-76100,, "ELBOW PF1/4",2,,,,,,,,,,,,,
11,2,,24315-000110,, "O-RING 1B P-11.0",2,,,,,,,,,,,,,
12,1,,172123-76120,, "CONNECTOR PF1/4",6,,,,,,,,,,,,,
13,1,,172123-76120,, "CONNECTOR PF1/4",1,,,,,,,,,,,,,
14,1,,172312-76240,, "NIPPLE 1/4-3/8",1,,,,,,,,,,,,,
15,1,,172151-76570,,ELBOW,1,,,,,,,,,,,,,
16,1,,172151-76580,,CONNECTOR,1,,,,,,,,,,,,,
17,1,,172151-76630,, "TUBE, SUCTION",1,,,,,,,,,,,,,
18,1,,23391-020000,, "JOINT RGI1/4",2,,,,,,,,,,,,,
19,1,,23391-020000,, "JOINT RGI1/4",4,,,,,,,,,,,,,
20,1,,23393-020000,, "JOINT 90RGI1/4",1,,,,,,,,,,,,,
21,1,,23395-020000,, "JOINT RRN1/4",1,,,,,,,,,,,,,
22,1,,23871-020000,, "PLUG PT1/4, SCREW",1,,,,,,,,,,,,,
23,1,,24315-000110,, "O-RING 1B P-11.0",6,,,,,,,,,,,,,
24,1,,24315-000110,, "O-RING 1B P-11.0",1,,,,,,,,,,,,,
25,1,,24315-000200,, "O-RING 1B P-20.0",1,,,,,,,,,,,,,
26,1,,24315-000200,, "O-RING 1B P-20.0",1,,,,,,,,,,,,,
27,1,,26013-060352,, "BOLT M 6X 35",3,,,,,,,,,,,,,
28,1,,26013-060352,, "BOLT M 6X 35",3,,,,,,,,,,,,,
29,1,,933167-53330,,JOINT,1,,,,,,,,,,,,,
30,1,,172126-11510,, "BAND 300",3,,,,,,,,,,,,,
31,1,,194202-56460,,BAND,4,,,,,,,,,,,,,
32,1,,172151-78030,,HOSE,1,,,,,,,,,,,,,
34,2,,172151-78050,, "TUBE, SPIRAL",1,,,,,,,,,,,,,
36,1,,172151-78060,,HOSE,1,,,,,,,,,,,,,
38,2,,172151-78080,, "TUBE, SPIRAL",1,,,,,,,,,,,,,
39,1,,172151-78290,,HOSE,1,,,,,,,,,,,,,
41,2,,172151-78310,, "TUBE, SPIRAL",1,,,,,,,,,,,,,
42,1,,172151-78320,,HOSE,1,,,,,,,,,,,,,
44,2,,172151-78340,, "TUBE, SPIRAL",1,,,,,,,,,,,,,
45,1,,172151-78880,,HOSE,1,,,,,,,,,,,,,
47,2,,172151-78900,, "BUSH 1415",1,,,,,,,,,,,,,
48,1,,172151-78940,,HOSE,1,,,,,,,,,,,,,
49,1,,172151-78950,,HOSE,1,,,,,,,,,,,,,
51,2,,172151-78970,, "TUBE, SPIRAL",1,,,,,,,,,,,,,
53,1,,172151-78980,, "SPONGY HOSE",1,,,,,,,,,,,,,
54,1,,172151-79060,,HOSE,1,,,,,,,,,,,,,
56,2,,172151-79080,, "TUBE, SPIRAL",1,,,,,,,,,,,,,
58,1,,172151-79190,,HOSE,1,,,,,,,,,,,,,
60,2,,172151-79110,, "TUBE, SPIRAL",1,,,,,,,,,,,,,
62,1,,172151-79210,,HOSE,1,,,,,,,,,,,,,
64,2,,172151-79110,, "TUBE, SPIRAL",1,,,,,,,,,,,,,
66,1,,172151-79230,,HOSE,1,,,,,,,,,,,,,
68,2,,172151-79110,, "TUBE, SPIRAL",1,,,,,,,,,,,,,
70,1,,172151-79250,,HOSE,1,,,,,,,,,,,,,
72,2,,172151-79110,, "TUBE, SPIRAL",1,,,,,,,,,,,,,
74,1,,172151-79330,, "SPOOL, 3RD",1,,,,,,,,,,,,,
76,2,,172151-78870,, "HOOK, PEDAL",1,,,,,,,,,,,,,
78,1,,23000-035000,, "CLAMP 35",4,,,,,,,,,,,,,
79,1,,172151-73210,,STRAINER,1,,,,,,,,,,,,,
80,2,,172151-73220,,CASE,1,,,,,,,,,,,,,
81,2,,172151-73230,,STRAINER,1,,,,,,,,,,,,,
82,2,,172151-73240,, "SPRING WASHER 10",1,,,,,,,,,,,,,
83,2,,24311-000180,, "O-RING 1A P-18.0",1,,,,,,,,,,,,,

84,1,,172151-79470,,COVER,1,,,,,,,,,,,,,,,,,,,,,I
85,1,,194202-56460,,BAND,2,,,,,,,,,,,,,,,,,,,,,I

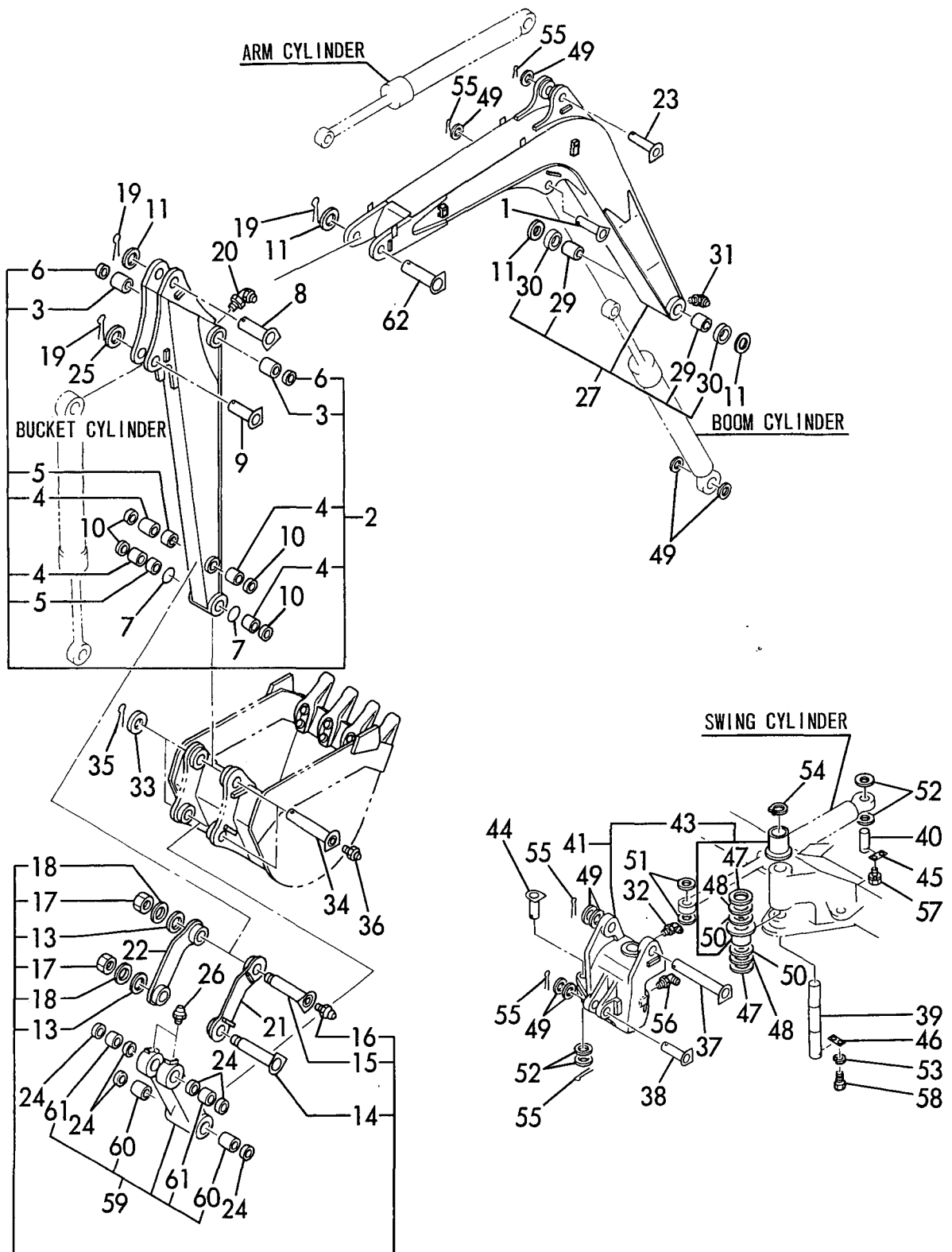
1,1,,172112-77480,, "ELBOW 1/8, STREET",1,,,,,,,,,,,,,
2,1,,172141-77800,, "JOINT, GREASE",4,,,,,,,,,,,,,
3,1,,172142-77800,, HOSE,1,,,,,,,,,,,,,
4,1,,172151-77801,, HOSE,2,,,,,,,,,,,,,
5,1,,172151-77810,, JOINT,1,,,,,,,,,,,,,
6,1,,23871-010000,, "PLUG PT1/8, SCREW",1,,,,,,,,,,,,,
7,1,,24761-020000,, "NIPPLE PT1/8, GREASE",3,,,,,,,,,,,,,
8,1,,172112-77580,, "JOINT 1/8",1,,,,,,,,,,,,,

Fig. **57** <https://truckmanualshub.com/>
GREASING

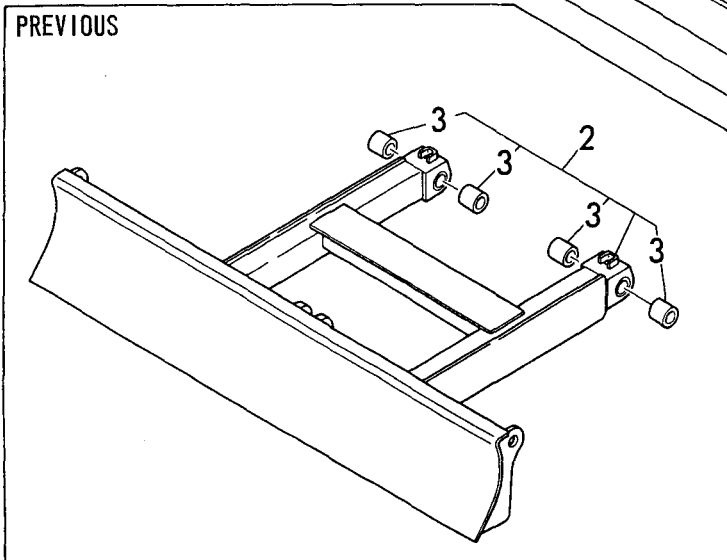
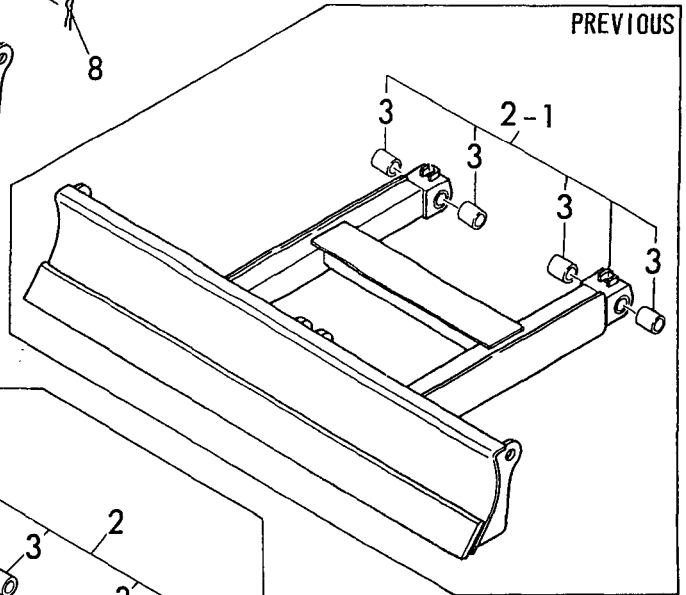
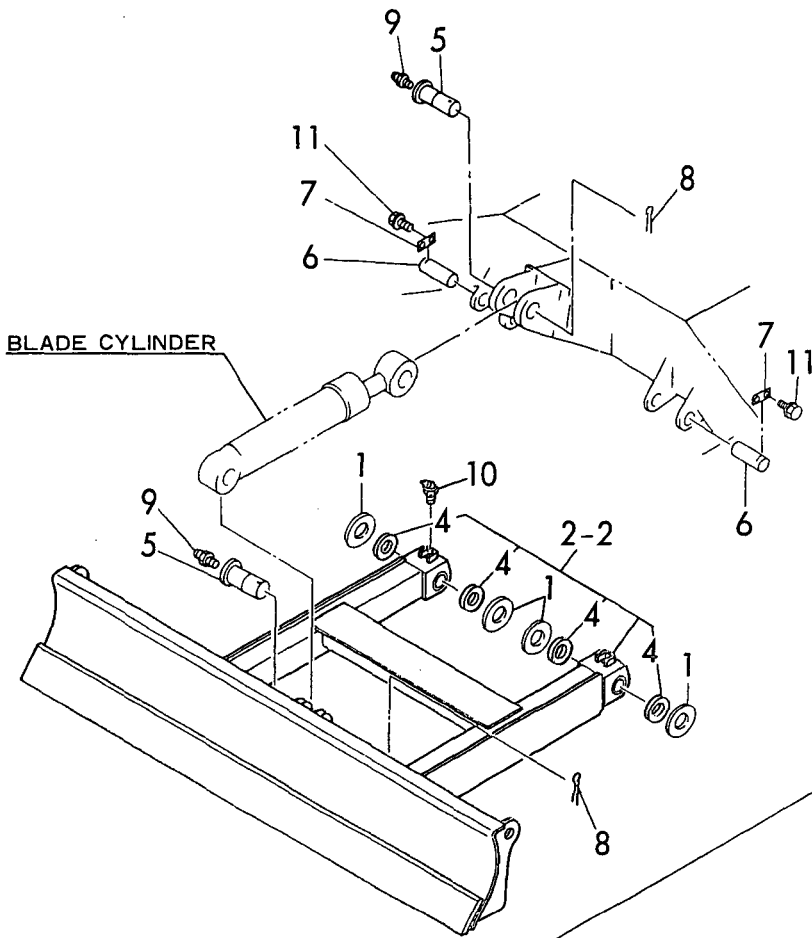


1,1,,172124-81470,, "PIN (50-181)",1,,,,,,,,,,,,,,,,,
2,1,,172125-81202,, "ARM (1620) ASSY",1,,,,,,,,,,,,,,,,,
3,2,,172147-81450,, "BUSH 50X80",2,,,,,,,,,,,,,,,,,
3-1,2,,172147-81451,, "BUSH 50X75",2,,,,,,F,1,72165061,M11937,,,,,,,,,,,,,I
4,2,,172112-83500,, "PIN BUSH 45X60",4,,,,,,,,,,,,,,,,,
5,2,,172112-83530,, "SPACER 49.5X33",2,,,,,,,,,,,,,,,,,
6,2,,172165-81760,, "SEAL 50X60X4, DUST",2,,,,,,W,,72165061,M11937,,,,,,,,,,,,,I
7,1,,172125-81280,, "O-RING 81X8",2,,,,,,,,,,,,,,,,,
8,1,,172124-81420,, "PIN (50-119)",1,,,,,,,,,,,,,,,,,
9,1,,172124-81440,, "PIN 45-109, BOOM",1,,,,,,,,,,,,,,,,,
10,1,,172112-87750,, "SEAL #DKIY 45X55X4",4,,,,,,,,,,,,,,,,,
11,1,,172112-87820,, "SHIM 50X1",4,,,,,,,,,,,,,,,,,
12,1,,172124-99471,, "KIT, ARM PIN",1,,,,,,,,,,,,,,,,,
13,2,,172112-87840,, "SHIM 45X1",2,,,,,,,,,,,,,,,,,
14,2,,172112-87140,, "PIN, BUCKET ARM",1,,,,,,,,,,,,,,,,,
15,2,,172112-87170,, "PIN, BUCKET ARM",1,,,,,,,,,,,,,,,,,
16,2,,24761-020000,, "NIPPLE PT1/8,GREASE",1,,,,,,,,,,,,,,,,,
17,2,,933110-86600,, "NUT M24, NYLON",2,,,,,,,,,,,,,,,,,
18,2,,933171-29760,, WASHER,2,,,,,,,,,,,,,,,,,
19,1,,22417-800630,, "COTTER PIN 8.0X63",3,,,,,,,,,,,,,,,,,
20,1,,24761-040000,, "NIPPLE B,GREASE",1,,,,,,,,,,,,,,,,,
21,1,,172124-81530,, "ARM (L), BUCKET",1,,,,,,,,,,,,,,,,,
22,1,,172124-81540,, "ARM (R), BUCKET",1,,,,,,,,,,,,,,,,,
23,1,,172124-81250,, "PIN (50-146)",1,,,,,,,,,,,,,,,,,
24,1,,172112-87750,, "SEAL #DKIY 45X55X4",6,,,,,,,,,,,,,,,,,
25,1,,172112-87840,, "SHIM 45X1",1,,,,,,,,,,,,,,,,,
26,1,,24761-020000,, "NIPPLE PT1/8,GREASE",2,,,,,,,,,,,,,,,,,
27,1,,172151-81260,, "TEETH ASSY",1,,,,,,,,,,,,,,,,,
29,2,,172147-81450,, "BUSH 50X80",2,,,,,,,,,,,,,,,,,
29-1,2,,172147-81451,, "BUSH 50X75",2,,,,,,F,2,72165061,M11937,,,,,,,,,,,,,I
30,3,,172165-81760,, "SEAL 50X60X4, DUST",2,,,,,,W,,72165061,M11937,,,,,,,,,,,,,I
31,1,,24761-040000,, "NIPPLE B,GREASE",1,,,,,,,,,,,,,,,,,
32,1,,24761-040000,, "NIPPLE B,GREASE",1,,,,,,,,,,,,,,,,,
33,1,,172112-87840,, "SHIM 45X1",2,,,,,,,,,,,,,,,,,
34,1,,172112-87101,, "PIN ASSY, BUCKET",2,,,,,,,,,,,,,,,,,
35,1,,22417-800630,, "COTTER PIN 8.0X63",2,,,,,,,,,,,,,,,,,
36,1,,24761-020000,, "NIPPLE PT1/8,GREASE",2,,,,,,,,,,,,,,,,,
37,1,,172124-82320,, "PIN (50-369)",1,,,,,,,,,,,,,,,,,
38,1,,172124-82340,, "PIN (50-152)",1,,,,,,,,,,,,,,,,,
39,1,,172124-82361,, PIN,1,,,,,,,,,,,,,,,,,
40,1,,172124-82370,, "PIN (40-107)",1,,,,,,,,,,,,,,,,,
41,1,,172151-82300,, "BRACKET,BOOM",1,,,,,,,,,,,,,,,,,
43,2,,172112-82300,, "BUSH 70X85",2,,,,,,M,,,,,,,,,,,,,
43-1,2,,172112-85601,, "BUSH 70X85",2,,,,,,,,,,,,,,I
44,1,,172151-83150,, "PIN 40 115",1,,,,,,,,,,,,,,,,,
45,1,,172117-83970,, "PLATE(C), LOCK(YELLOW",1,,,,,,,,,,,,,,
46,1,,172112-87371,, "PLATE (A), LOCK",1,,,,,,,,,,,,,,
47,1,,172112-87800,, "SHIM 70X1",2,,,,,,,,,,,,,,
48,1,,172112-87810,, "SHIM 70X2",2,,,,,,,,,,,,,,
49,1,,172112-87820,, "SHIM 50X1",8,,,,,,,,,,,,,,
50,1,,172112-87830,, "SHIM 70X4",2,,,,,,,,,,,,,,
51,1,,172112-87850,, "SHIM 40X5",2,,,,,,,,,,,,,,
52,1,,172112-87860,, "SHIM 40X1",4,,,,,,,,,,,,,,
53,1,,22217-160000,, "SPRING WASHER 16",2,,,,,,,,,,,,,,
54,1,,22242-000700,, "CIRCLIP 70",1,,,,,,,,,,,,,,
55,1,,22417-800630,, "COTTER PIN 8.0X63",5,,,,,,,,,,,,,,
56,1,,24761-050000,, "NIPPLE C,GREASE",1,,,,,,,,,,,,,,
57,1,,26013-100202,, "BOLT W/WASHER M10X20",2,,,,,,,,,,,,,,
58,1,,26116-160402,, "BOLT M16X 40 PLATED",2,,,,,,,,,,,,,,
59,1,,172147-84400,, "LINK,BUCKET(YELLOW)",1,,,,,,,,,,,,,,
60,2,,172112-83500,, "PIN BUSH 45X60",2,,,,,,,,,,,,,,
61,2,,172112-86250,, "BUSH 45X39, PIN",2,,,,,,,,,,,,,,
62,1,,172124-81270,, "PIN (50-226)",1,,,,,,,,,,,,,,

Fig. **58** BOOM & ARM <https://truckmanualshub.com/>



1,1,,172112-87840,, "SHIM 45X1",4,,,,,,,,,,,,,,,,,,,,,
2,1,,172151-94100,, BLADE,1,,,,,,,,,,,,,,,,,,,,,
2-1,1,,172151-94101,, "BLADE ASSY",1,,,,,,N,,72141397,M10501,,,,,,,,,,,,I
2-2,1,,172151-94102,, "BLADE ASSY",1,,,,,,N,,72151154,M11677,,,,,,,,,,,,I
3,2,,172112-88400,, "BUSH 45X40",4,,,,,,Z,,72151154,M11677,,,,,,,,,,,,I
4,2,,172112-87750,, "SEAL #DKIY 45X55X4",4,,,,,,W,,72165061,M11813,,,,,,,,,,,,I
5,1,,172312-94260,, "PIN 45-119, BLADE",2,,,,,,,,,,,,,,,,,,,,,
6,1,,172124-94300,, "PIN 45-157, BLADE",2,,,,,,,,,,,,,,,,,,,,,
7,1,,172124-94310,, "PLATE, LOCK",2,,,,,,,,,,,,,,,,,,,,,
8,1,,22417-800630,, "COTTER PIN 8.0X63",2,,,,,,,,,,,,,,,,,,,,,
9,1,,24761-020000,, "NIPPLE PT1/8,GREASE",2,,,,,,,,,,,,,,,,,,,,,
10,1,,24761-040000,, "NIPPLE B,GREASE",2,,,,,,,,,,,,,,,,,,,,,
11,1,,26013-100252,, "BOLT W/WASHER M10X25",4,,,,,,,,,,,,,,,,,,,,,



Y00S3091,"Construction equipment",Excavator,B
[Info]
PcNo=Y00S3091
PcName=B50(-1)(AMMANN)B4481
JpnUse=0
JpnSec1=
JpnSec2=
JpnSec3=
JpnPreface=0
EngUse=1
EngSec1=CONSTRUCTION
EngSec2=EXCAVATOR (B)
EngSec3=B
EngPreface=1

0,Y00S3091
1,001,,,"VEHICLE B50(-1)"
2,1,,,"LABEL(CABIN),B50(-1),,,
2,2,,,"LABEL(CABIN)(ENGLISH),B50(-1),,,
2,3,,,"TOOL & MANUAL CASE",B50(-1),,,
2,4,,,"INLET HOSE & EXHAUST PIPE",B50(-1),,,
2,5,,,"ACCELERATOR,B50(-1),,,
2,6,,,"ENGINE MOUNT",B50(-1),,,
2,7,,,"RADIATOR & OIL COOLER",B50(-1),,,
2,8,,,"FUEL TANK & FUEL LINE",B50(-1),,,
2,9,,,"BATTERY,B50(-1),,,
2,10,,,"ELECTRIC PART(CABIN)",B50(-1),,,
2,11,,,"WORK LAMP",B50(-1),,,
2,12,,,"HEATER & DEFROSTER",B50(-1),,,
2,13,,,"RADIO,B50(-1),,,
2,14,,,"TRACK ROLLER & CARRIER ROLLER",B50(-1),,,
2,15,,,"TRACK FRAME & IDLER",B50(-1),,,
2,16,,,"CRAWLER,B50(-1),,,
2,17,,,"LINK STAND & STOPPER",B50(-1),,,
2,18,,,"REMOTE CONTROL VALVE (RIGHT)",B50(-1),,,
2,19,,,"REMOTE CONTROL VALVE(LEFT)",B50(-1),,,
2,20,,,"CONTROL EQUIPME.(TRAVEL& SWING",B50(-1),,,
2,21,,,"CONTROL EQUIPME.(BLADE & PEDAL",B50(-1),,,
2,22,,,"CONTROL EQUIPMENT(3RD VALVE)",B50(-1),,,
2,23,,,"TURNING FRAME",B50(-1),,,
2,24,,,"TURNING DRIVING GEARS",B50(-1),,,
2,25,,,"FRAME COVER",B50(-1),,,
2,26,,,"SEAT MOUNT & STEP",B50(-1),,,
2,27,,,"BONNET,B50(-1),,,
2,28,,,"CABIN,B50(-1),,,
2,29,,,"BOOM CYLINDER",B50(-1),,,
2,30,,,"ARM CYLINDER",B50(-1),,,
2,31,,,"BUCKET CYLINDER",B50(-1),,,
2,32,,,"SWING CYLINDER",B50(-1),,,
2,33,,,"BLADE CYLINDER",B50(-1),,,
2,34,,,"HYD.OIL PUMP & JOINT",B50(-1),,,
2,35,,,"TRAVEL MOTOR",B50(-1),,,
2,36,,,"TURNING MOTOR",B50(-1),,,
2,37,,,"SWIVEL JOINT",B50(-1),,,
2,38,,,"CONTROL VALVE(P1,P2,P3,SPACER",B50(-1),,,
2,39,,,"CONTROL VALVE(BOOM)",B50(-1),,,
2,40,,,"CONTROL VALVE(TRAVEL& BUCKET)",B50(-1),,,
2,41,,,"CONTROL VALVE(ARM & SWING)",B50(-1),,,
2,42,,,"CONTROL VALVE(BLADE & TURNING",B50(-1),,,
2,43,,,"PILOT VALVE",B50(-1),,,
2,44,,,"BRAKE VALVE",B50(-1),,,
2,45,,,"3RD VALVE(VALVE)",B50(-1),,,
2,46,,,"HYD. OIL TANK",B50(-1),,,
2,47,,,"HYD.OIL PIPING(TANK-PUMP-VALVE",B50(-1),,,
2,48,,,"HYD. OIL PIPING(VALVE-BOOM)",B50(-1),,,
2,49,,,"HYD.OIL PIPING(V.-SWIVEL,MOTOR",B50(-1),,,
2,50,,,"HYD.OIL PIPING(3RD VALVE,FRAME",B50(-1),,,
2,51,,,"HYD. OIL PIPING(RETURN)",B50(-1),,,
2,52,,,"HYD. OIL PIPING(TRAVEL)",B50(-1),,,
2,53,,,"HYD. OIL PIPING(BOOM)",B50(-1),,,
2,54,,,"HYD.OIL PIPING(3RD VALVE,BOOM)",B50(-1),,,
2,55,,,"HYD.OIL PIPING(PILOT)(RIGHT)",B50(-1),,,
2,56,,,"HYD.OIL PIPING(PILOT)(LEFT)",B50(-1),,,
2,57,,,"GREASING,B50(-1),,,
2,58,,,"BOOM & ARM",B50(-1),,,
2,59,,,"BLADE,B50(-1),,,