PREFACE

1. This parts catalog covers the parts of crawler-backhoes Model YB301(-1,-2), YB351(-1,-2).

2. All parts of the following YANMAR machine are listed up in this parts catalog.

   Model YB301, YB351 ····· From Machine №00501
   Model YB301-1, YB351-1 ····· From Machine №10501
   Model YB301-2, YB351-2 ····· From Machine №20501

   〔History〕

1st edition	————	Pub. № 0 0 0 Y 0 0 S 1 5 8 7
2nd edition	————	Pub. № 0 0 0 Y 0 0 K 2 0 1 0
3rd edition	Issued : Sept., 1986	Pub. № 0 0 0 Y 0 0 K 2 0 1 1
4th edition	Issued : May., 1988	Pub. № 0 0 0 Y 0 0 K 2 0 1 2
5th edition	Issued : Nov., 1991	Pub. № 0 0 0 Y 0 0 K 2 0 1 3

(Please discard this old parts catalog)

3. Paint Color

Old

Paint Color	Munsel №	Paint Code (16ℓ)	Spray
YANMAR New Light Yellow	10YR6.5/8	933110-91602	981101-06041
YANMAR Cream	2.5Y9/1	933110-91803	981101-06340
YANMAR New Dark Olieve	5GY1/1	933110-91702	981101-05941

New (from October, 1987)

Paint Color	Munsel №	Paint Code (16ℓ)	Spray
YANMAR New Light Yellow	10YR6.5/8	933110-91602	981101-06041
YANMAR Cream White	5.0Y9/1	981101-09614	981101-10140
YANMAR Dark Olieve Ⅱ	7.5GY1/1	981101-09515	981101-10141

4. Mounted engine and Model code

Model	Mounted engine	Model code
YB301	3T84HL-BS	171064S
YB351	3T84HTL-BS	129322S
YB301-1,-2	3TN84L-RB	129131M
YB351-1,-2	3TN84TL-RB	129139M

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SPECIFICATIONS

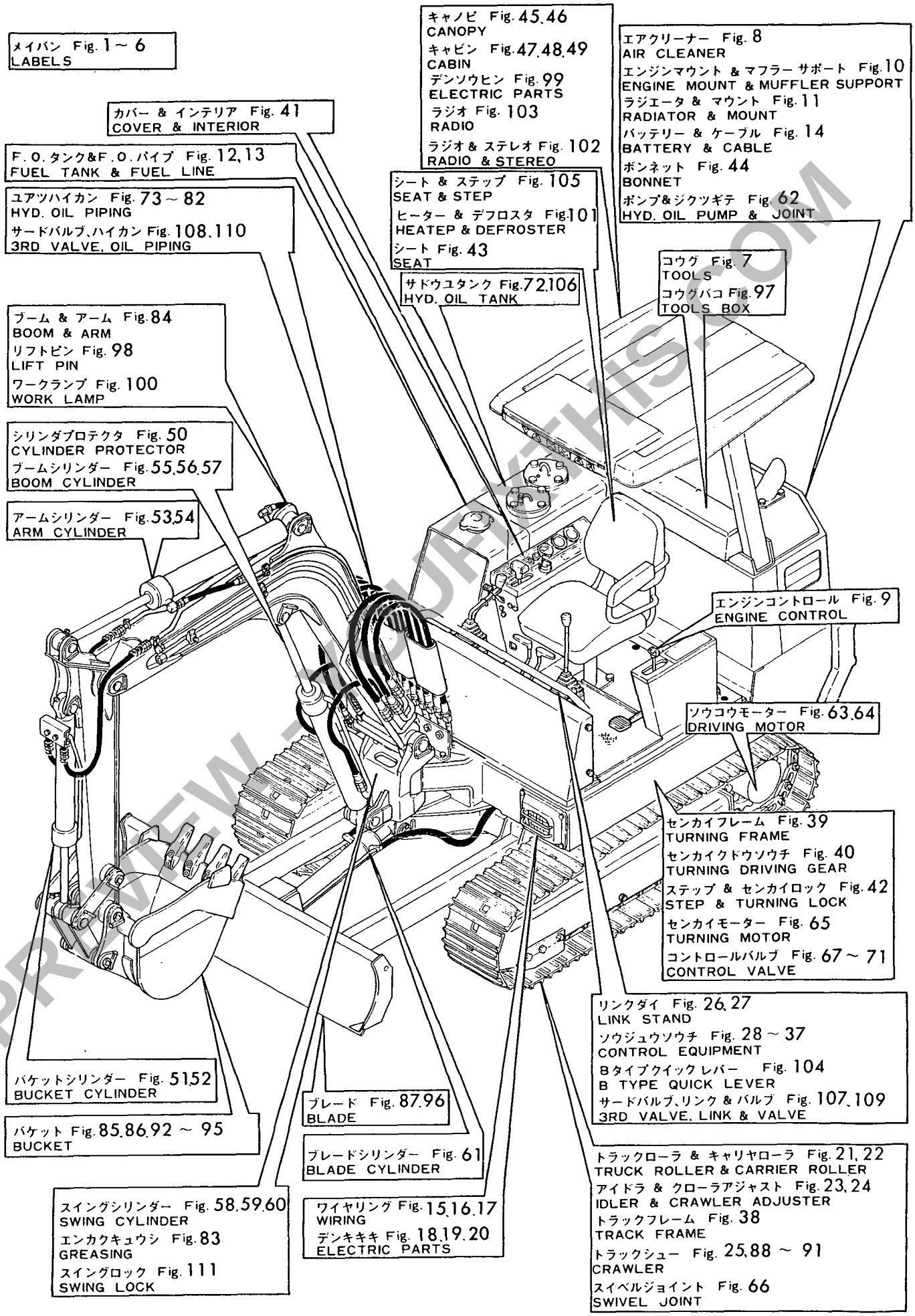
Name			YANMAR CRAWLER BACKHOE							
Model			YB301	YB301-C	YB301-UZ	YB301-UC	YB351	YB351-C	YB351-UZ	YB351-UC
Engine	Type		3T84HL-BS (3TN84L-RB)				3T84HTL-BS (3TN84TL-RB)			
	Model		Vertical 3-cylinder water-cooled diesel				Vertical 3-cylinder water-cooled turbo diesel			
Dimensions	Overall length	mm	4610		4640		4840		4890	
	Overall width	mm	1520	1535	1520	1535	1520	1535	1520	1535
	Overall height	mm	2380	2400	2380	2400	2380	2400	2380	2400
Bucket capacity (St'd)		m^3	0.12				0.15			
Outside width of bucket (St'd)		mm	450				500			
Max. digging depth		mm	2780				3130			
Max. cutting depth		mm	3740		4620	3740	3810		4780	3810
Max. dumping height		mm	2510		3270	2510	2600		3440	2600
Max. cutting radius at ground level		mm	4480		4520		4790		4830	
Min. turning radius		mm	2170		1770	2220	2390		2010	2410
Boom swing angle		—	Left&Right 50		Left50·Right90		Left&Right 50		Left50·Right90	
Max. scoop capacity		kg	2050				2300			
Traveling speeds (high·low)		km/hr	2.4 • 2.0				3.6 • 2.0			
Climbing ability		—	30							
Distributed weight		kg/cm^2	0.273 (0.256)	0.293 (0.275)	0.279 (0.261)	0.298 (0.280)	0.293 (0.275)	0.312 (0.294)	0.298 (0.280)	0.317 (0.298)
Crawler width (St'd)		mm	320							
Blade	Width × height	mm	1520×350							
	Capacity	m^3	0.19							
Operating weight		kg	2800 (2700)	3000 (2900)	2850 (2750)	3050 (2950)	3000 (2900)	3200 (3100)	3050 (2950)	3250 (3150)

( ) shows to the specification of rubber crowler.

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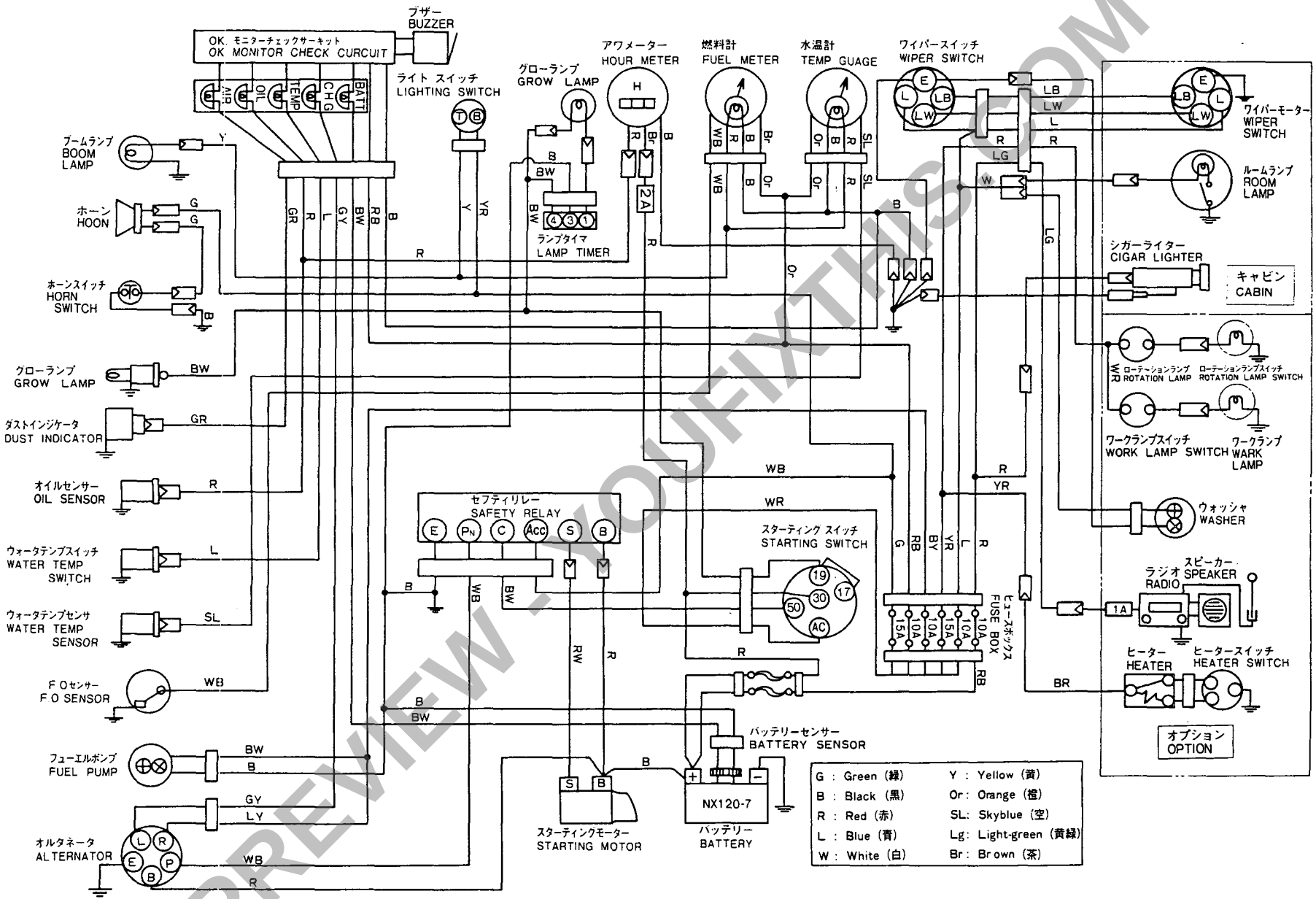
各部の名称
PARTS NAME



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配線図 WIRING DIAGRAM



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```
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4,1,,772123-03100,,"LABEL SET",,,,1,,,,,,,,,,,,
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6,2,,172122-03140,,"LABEL, GREASE",1,,,1,,,,,,,,,,,,
7,2,,172112-03251,,"LABEL, OPERATION",1,,,1,,,,,,,,,,,,
8,2,,172116-03250,,LABEL,1,,,1,,,,,,,,,,,,
9,2,,933112-90500,,"LABEL, YANMAR",2,,,2,,,,,,,,,,,,
10,2,,172116-03270,,"LABEL, TURBO",,,,2,,,,,,,,,,,,
11,2,,121470-44540,,"LABEL, SUB-TANK",1,,,1,,,,,,,,,,,,
12,2,,933112-45000,,"LABEL, DANGER",1,,,1,,,,,,,,,,,,
13,2,,933112-47500,,LABEL,1,,,1,,,,,,,,,,,,
14,2,,933112-50200,,LABEL,1,,,1,,,,,,,,,,,,
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21,2,,172123-03120,,LABEL,,,,1,,,,,,,,,,,,
22,2,,172122-03170,,"LABEL(C), MODEL",1,,,,,,,,MXXX,,MXXX,,,,,
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24,2,,172122-03180,,LABEL,1,,,1,,,,,,,,,,,,
25,2,,172122-03190,,LABEL,1,,,1,,,,,,,,,,,,
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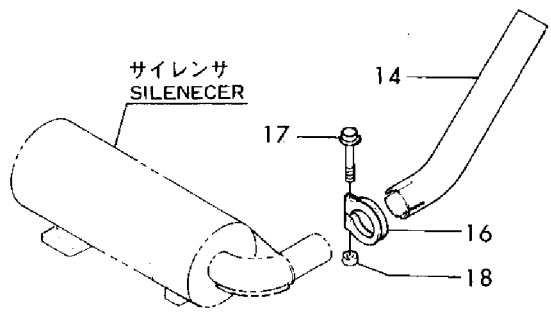
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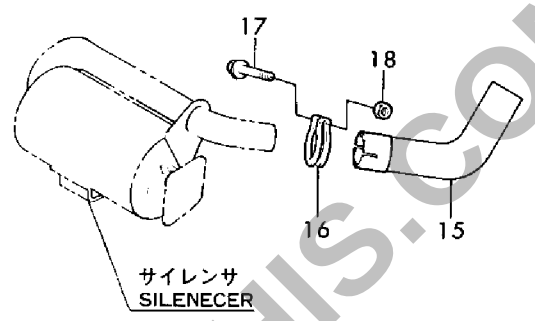
Fig. 10 エンジンマウント & マフラサポート ENG, MOUNT & MUFFLER SUPPOR

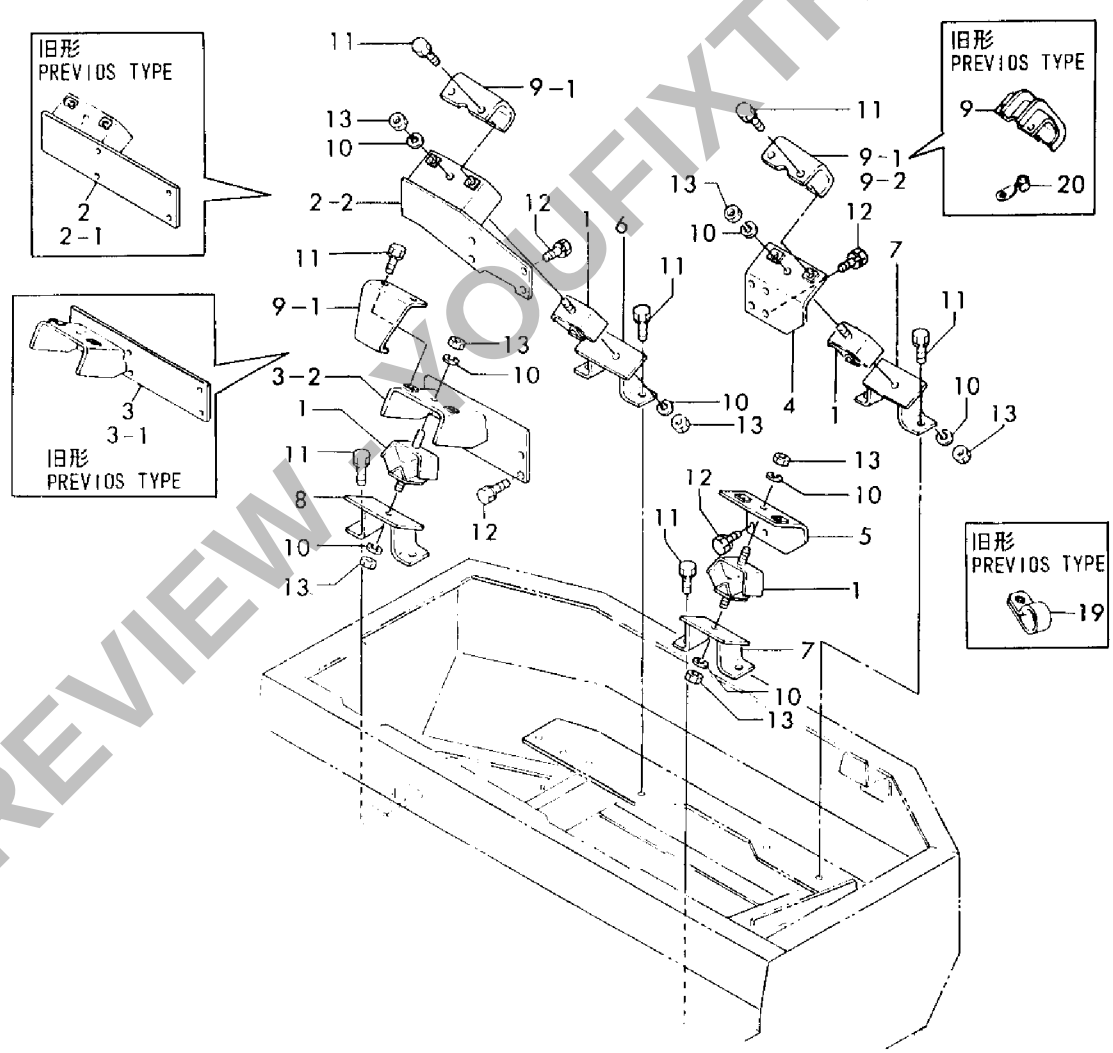
SPEC. CODE
D72123-11300
D72126-11300
D72126-13100

YB301



YB351





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2,2,,933171-23680,,"BUSH 14X15",2,2,,2,2,,,,,,,,,,,,
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14,1,,172122-45980,,"STAY, STOPPER",2,2,,2,2,,,,,,,,,,,,
15,1,,172122-47180,,"PIPE, LINK",1,1,,1,1,,,,,,,,,,,,
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18,1,,26757-050002,,"LOCK NUT M 5 PLATED",4,4,,4,4,,,,,,,,,,,,
19,1,,26979-050162,,"SCREW M 5X16",4,4,,4,4,,,,,,,,,,,,
20,1,,26979-050202,,"SCREW M 5X 20",4,4,,4,4,,,,,,,,,,,,

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3,2,,933171-23680,,"BUSH 14X15",6,6,,6,6,,,,,,,,,,,
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8,1,,172122-45770,,"SHAFT, LINK",1,1,,1,1,,,,,,,,,,,
9,1,,22417-400320,,"COTTER PIN 4.0X32",1,1,,1,1,,,,,,,,,,,
10,1,,172730-11440,,"TURNBUCKLE 10",3,3,,3,3,,,,,,,,,,,
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36,1,,26776-100002,,"LOCK NUT M10 PLATED",12,12,,12,12,,,,,,,,,,,
37,1,,933171-21700,,"PIN (B), SPOOL LINK",15,15,,16,16,,,,,,,,,,,
38,1,,933171-21950,,"JOINT, ROD",1,1,,1,1,,,,,,,,,,,
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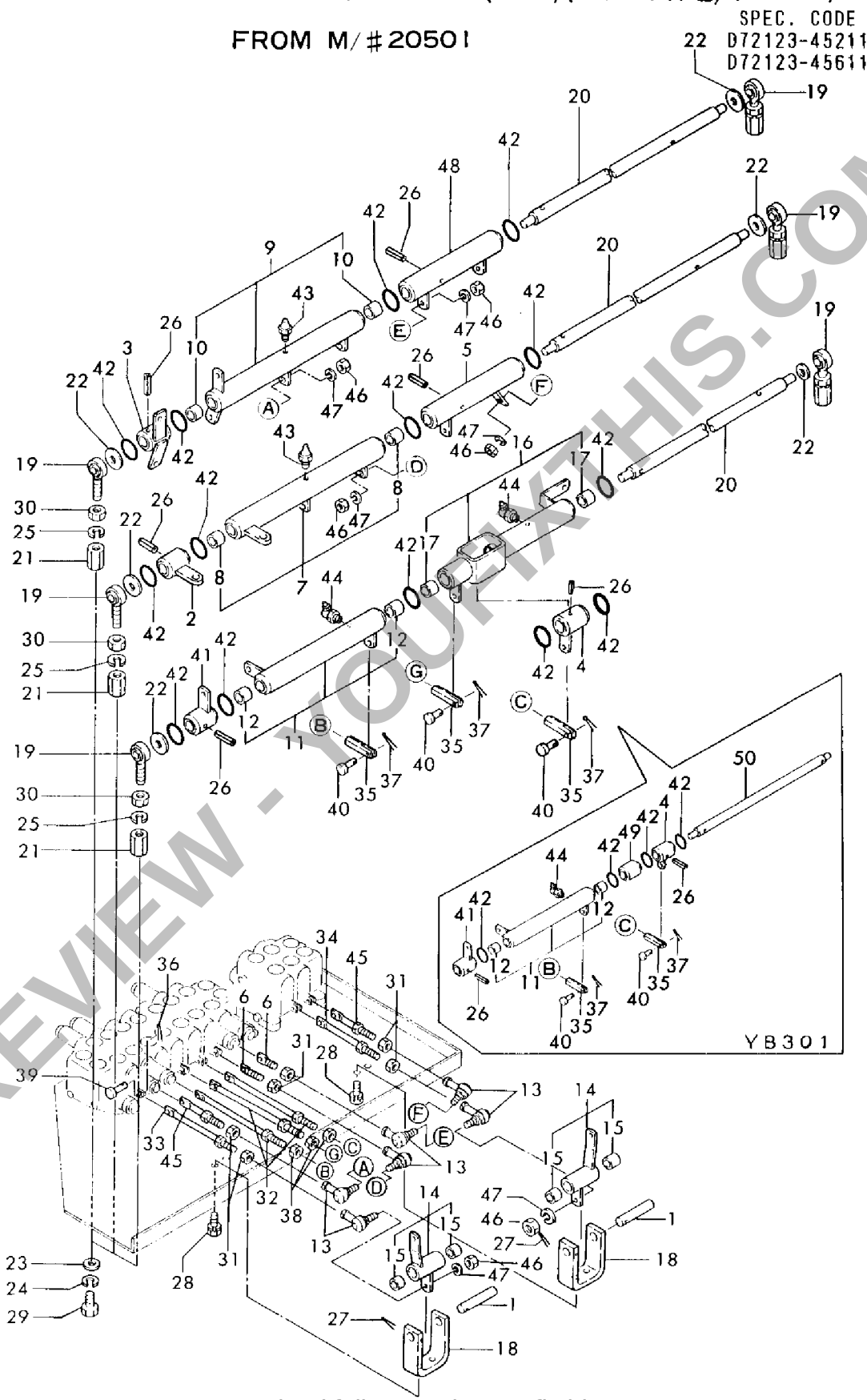
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Fig. 37 ソウジュウソウチ(リンク)(シンガタ)(YB351)
CONTROL EQUIPMENT (LINK)(NEW TYPE) (YB351)

FROM M/#20501

SPEC. CODE
22 D72123-45211
D72123-45611



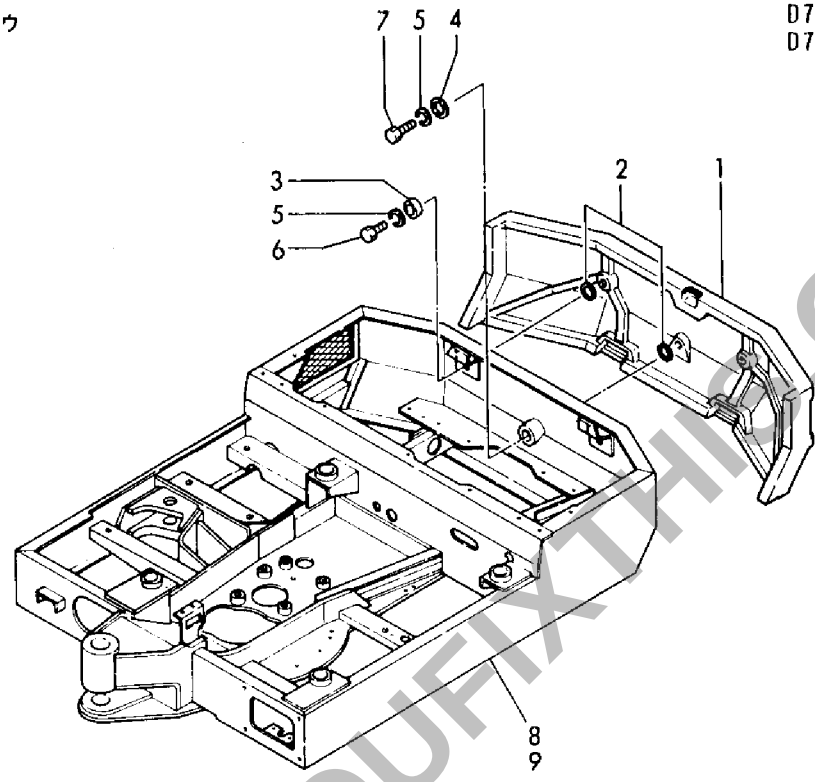
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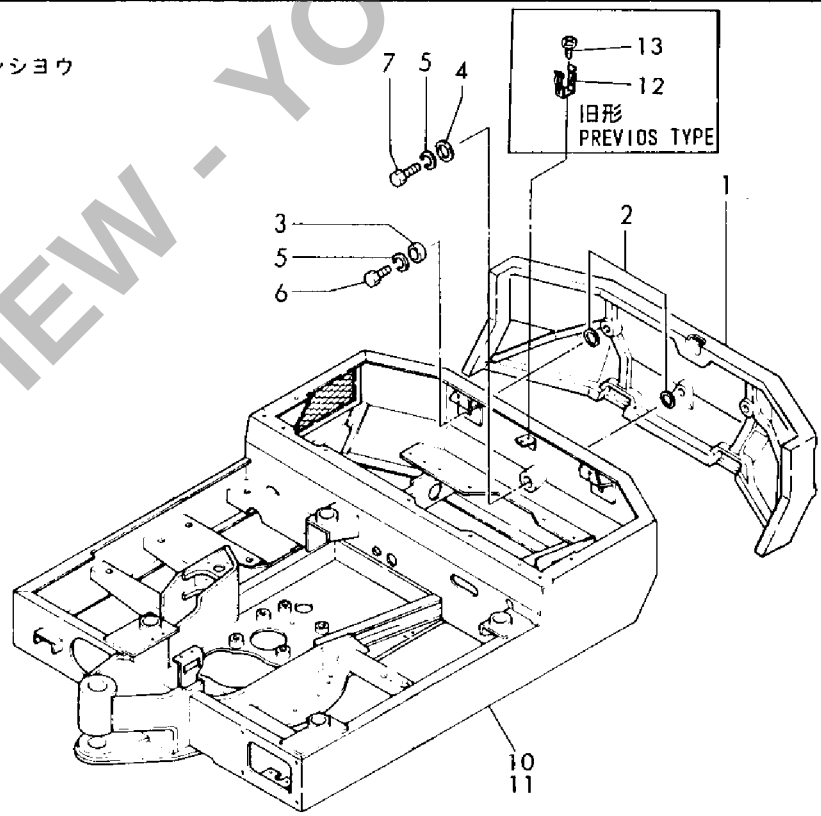
Fig. 39 センカイフレーム TURNING FRAME

SPEC. CODE
D72123-53300
D72122-54100
D72123-54100
D72135-54100
D72136-54100

U, UZショウ
U.UZ SPEC



ヒョウジュンショウ
STANDARD



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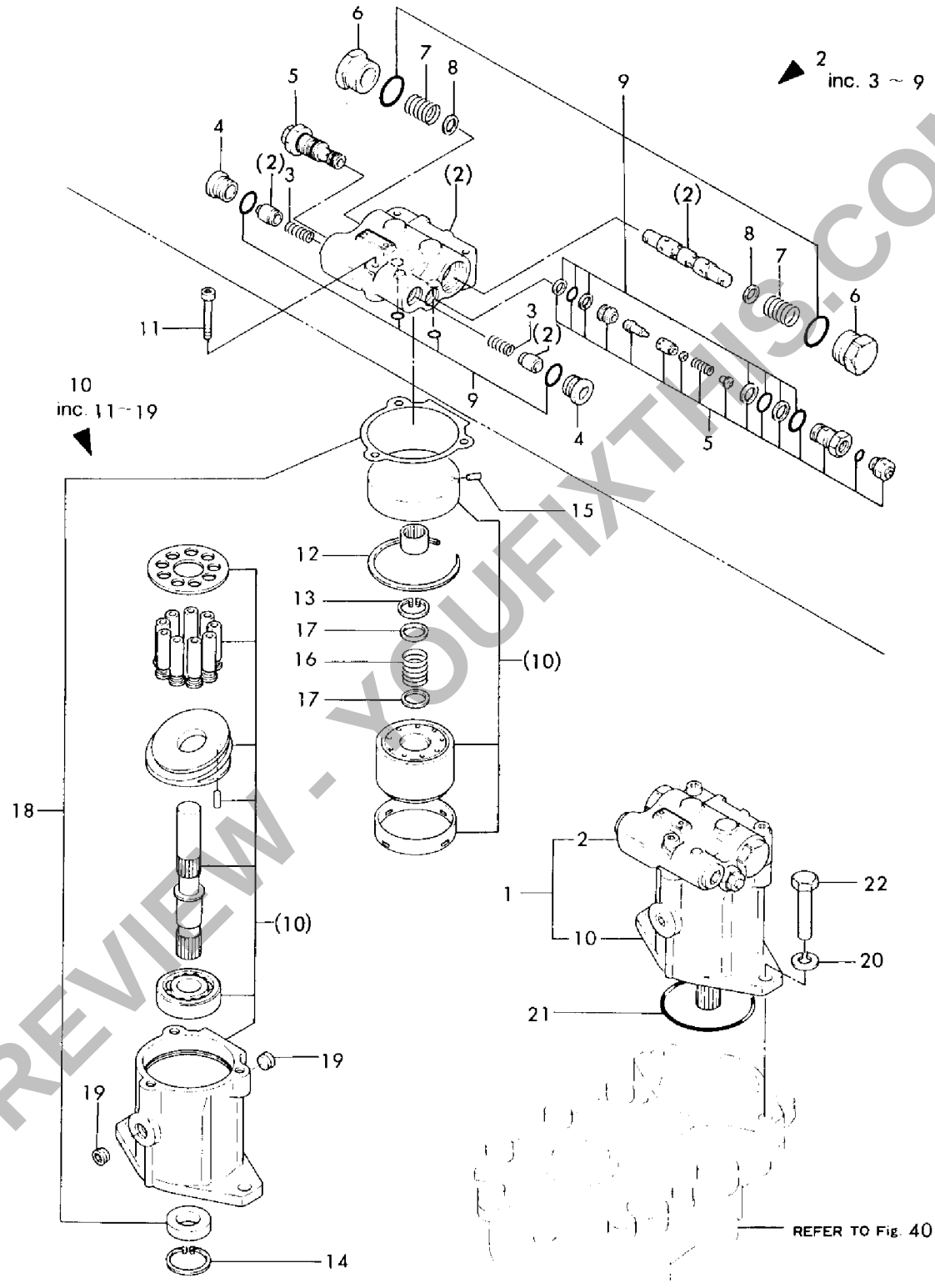
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5-1,3,,172122-68212,,HOOD,1,,,1,,,N,,,M10555,,,,,,M10563,,
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6-1,3,,172122-68221,,ROPE(A),1,,,1,,,S,,,M01761,,,,,,M01068,,
7,3,,172122-68230,,"ROPE (B)",2,,,2,,,,,,,,,,,,
8,2,,172122-68302,,"ROOF ASSY, CANOPY",1,,,1,,,,,,,,,,,,
9,2,,26716-120002,,"NUT M12",6,,,6,,,,,,,,,,,,
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11,2,,26013-120252,,"BOLT M12X 25",6,,,6,,,,,,,,,,,,
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35,2,,26013-120302,,"BOLT W/WASHER M12X30",8,,,8,,,,,,,,,,,,
36,2,,22217-120000,,"WASHER 12,SPRING",6,,,6,,,Z,,,M01761,,,,,,M01068,,
37,1,,26013-100252,,"BOLT W/WASHER M10X25",4,,,4,,,,,,,,,,,,
38,1,,172122-68250,,"CANOPY (F)",1,,,1,,,,,,,,,,,,

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Fig. 65 センカイモーター TURNING MOTOR

SPEC. CODE
D72122-73310



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Yanmar YB301, YB351, YB301-1, YB301-2, YB351-1, YB351-2, YB301-UZ, YB351-UZ, YB301-1,-2, YB351-1,-2 Parts Catalog

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