PREFACE

1. This Parts Catalog carries Yanmar crawler back-hoe Vio20-2.

2. Parts catalog history

	Parts catalog NO.	Published	Remarks
1st edition	000Y00K3760	Oct., 2000	Disuse old edition
1st revised	000Y00K3761	Sep., 2001	Disuse old edition
2nd revised	000Y00K3762	Oct., 2003	

3. Model name

SECTION	Column	Model name	M/#	Manufactured
I (Vehicle)	(A)	Vio20-2 C(JP)	20501～	2000/7～
	(B)	Vio20-2 P(JP)		
	(D)	Vio20-2 P(EX)		
Ⅱ (Engine)	(A)	3TNE74-ENBV	N04801～	2000/5～

(Note) C:Cabin spec. P:Canopy spec. JP:Japan EX:export except U.S.A. & Australia

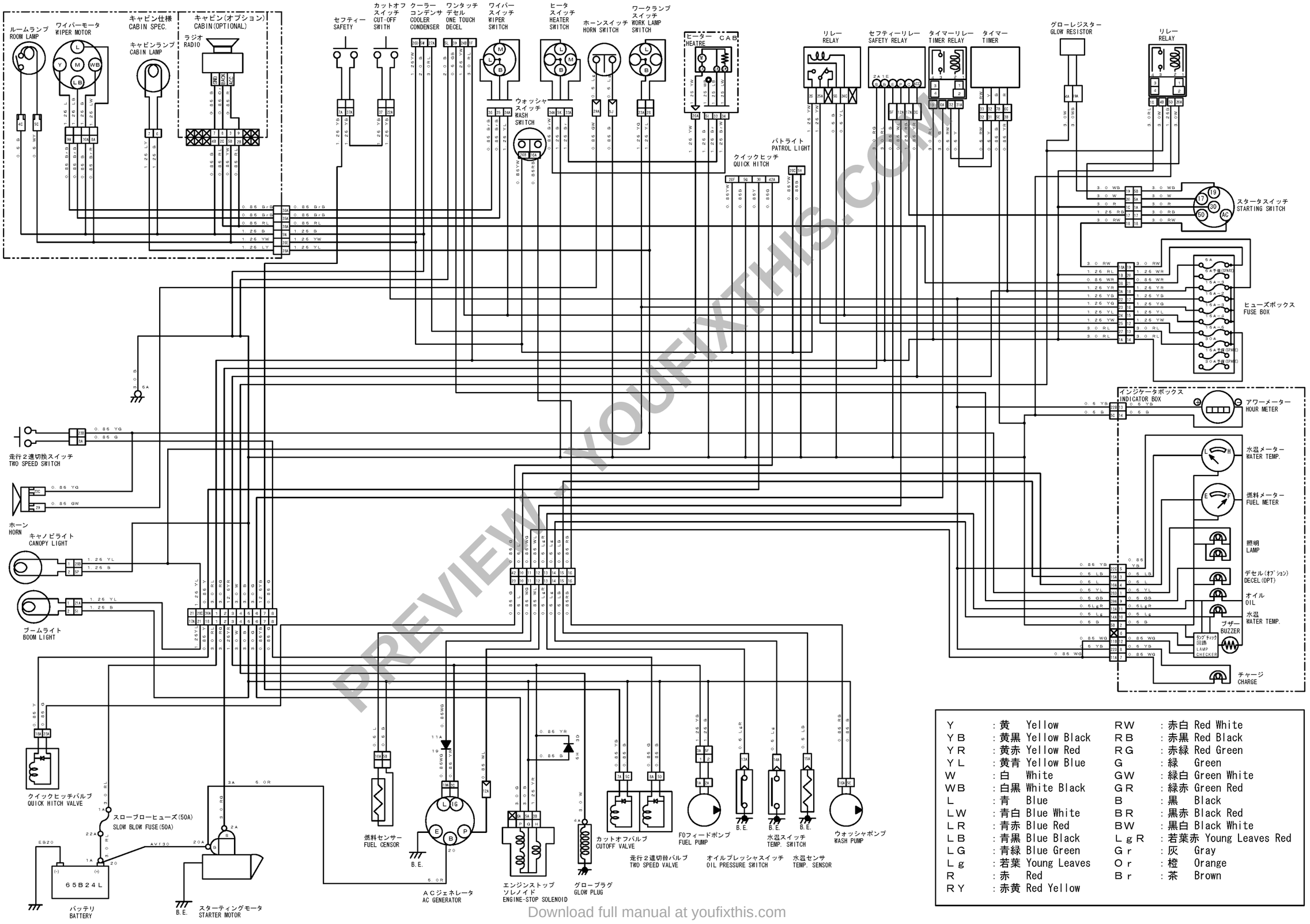
4. Your understanding is asking that this parts catalog is not a technical data manual setting forth as servicing procedures, This parts catalog is using simplified illustration.
Be sure to use Yanmar Genuine Parts in your maintenance servicing of Yanmar products.
Be careful not to use the simple parts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

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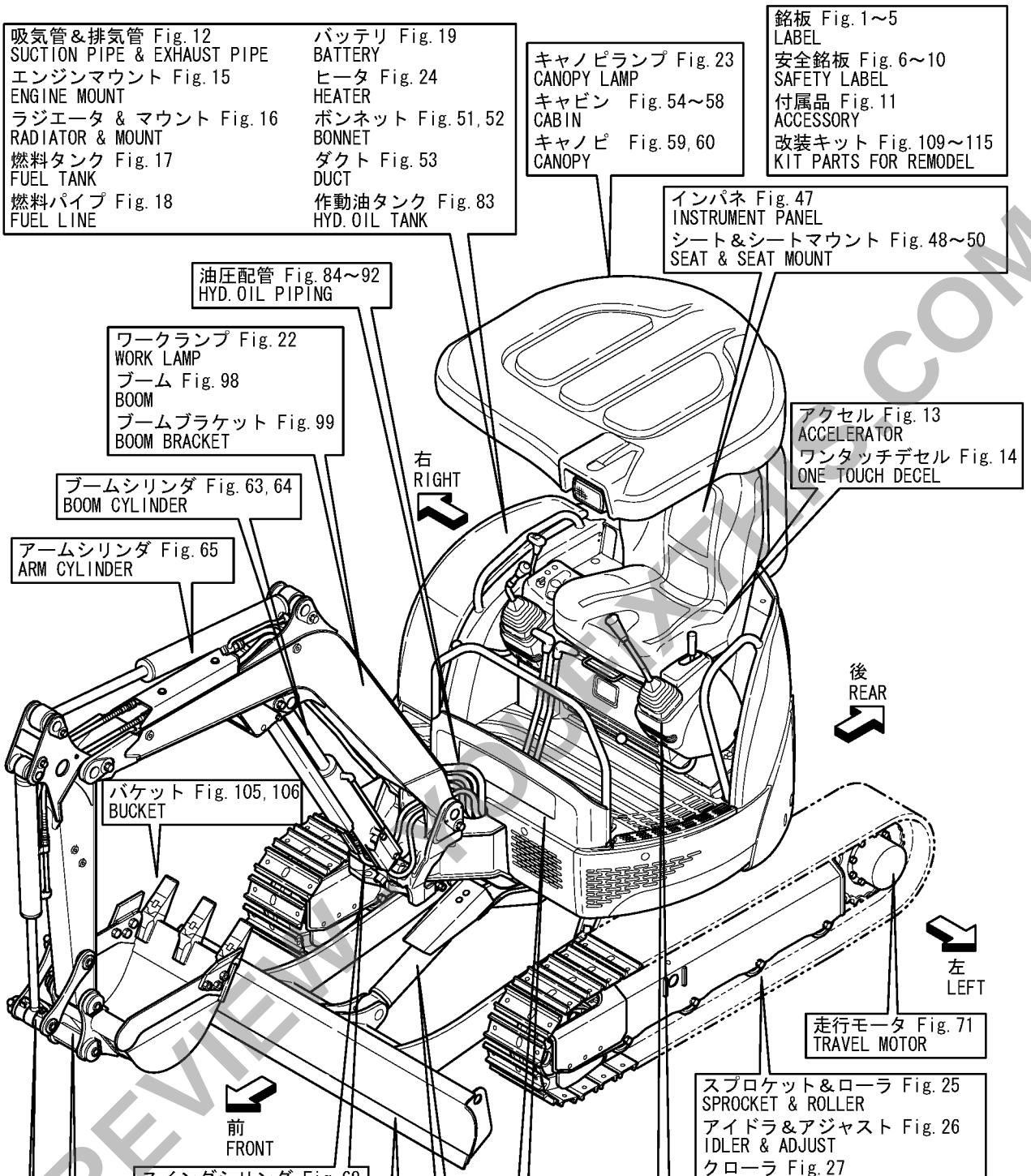
配線図
WIRING DIAGRAM



Y	: 黄 Yellow	RW	: 赤白 Red White
YB	: 黄黒 Yellow Black	RB	: 赤黒 Red Black
YR	: 黄赤 Yellow Red	RG	: 赤緑 Red Green
YL	: 黄青 Yellow Blue	G	: 緑 Green
W	: 白 White	GW	: 緑白 Green White
WB	: 白黒 White Black	GR	: 緑赤 Green Red
L	: 青 Blue	B	: 黒 Black
LW	: 青白 Blue White	BR	: 黒赤 Black Red
LR	: 青赤 Blue Red	BW	: 黒白 Black White
LB	: 青黒 Blue Black	LgR	: 若葉赤 Young Leaves Red
LG	: 青緑 Blue Green	Gr	: 灰 Gray
Lg	: 若葉 Young Leaves	Or	: 橙 Orange
R	: 赤 Red	Br	: 茶 Brown
RY	: 赤黄 Red Yellow		

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絵目次（１）・・・・・・・主要部分
PICTURESQUE INDEX(1)・・・MAIN PARTS



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SPECIFICATIONS

Name			YANMAR CRAWLER BACKHOE			
Model			Vio20-2			
Specification			IRON CRAWLER		RUBBER CRAWLER	
			CANOPY	CABIN	CANOPY	CABIN
Engine	Model		3TNE74-ENBV			
	Bore×Stroke		74×78			
Dimensions	Transport length	mm	3865			
	Transport width	mm	1380			
	Transport height	mm	2340	2460	2340	2460
Std.bucket capacity		m^3	0.066			
Std.bucket width(Outside)		mm	490			
Max.digging depth		mm	2300(W/BLADE2480)			
Max.cutting height		mm	4080	3850	4080	3850
Max.dump height		mm	2800	2590	2800	2590
Max.reach at ground level		mm	4140			
Min.swing radius(Swing)		mm	1600(1360)	1760(1500)	1600(1360)	1760(1500)
Boom swing angle		degree	Left47・Right75			
Max.digging force(Std.bucket)		kN(kgf)	18.6(1800)			
Travel speed(High/Low)		km/h	4.4/2.2			
Swing speed		min^{-1}(rpm)	9.5			
Average ground pressure(Std.shoe)		kPa(kgf/cm^2)	24.7(0.25)	26.2(0.27)	24.7(0.25)	26.2(0.27)
Track shoe width(Std.)		mm	250			
Blade	Width×height	mm	1380×285			
	Raise(Up/Down)	mm	370/340			
Machine mass		kg	1960	2100	1960	2100
Battery			65B24L/12V, 40Ah(5Hr)			

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旧形
PREVIOUS

B
11
14
20
20
7
13
A
B
19
14

B
11
7-1
20
13
A
B
19
14-1
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8
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12
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13
A
E
17

油圧ポンプ
HYD.OIL PUMP

14-1
作動油タンク
HYD.OIL TANK
7-1
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コントロールバルブ
CONTROL VALVE

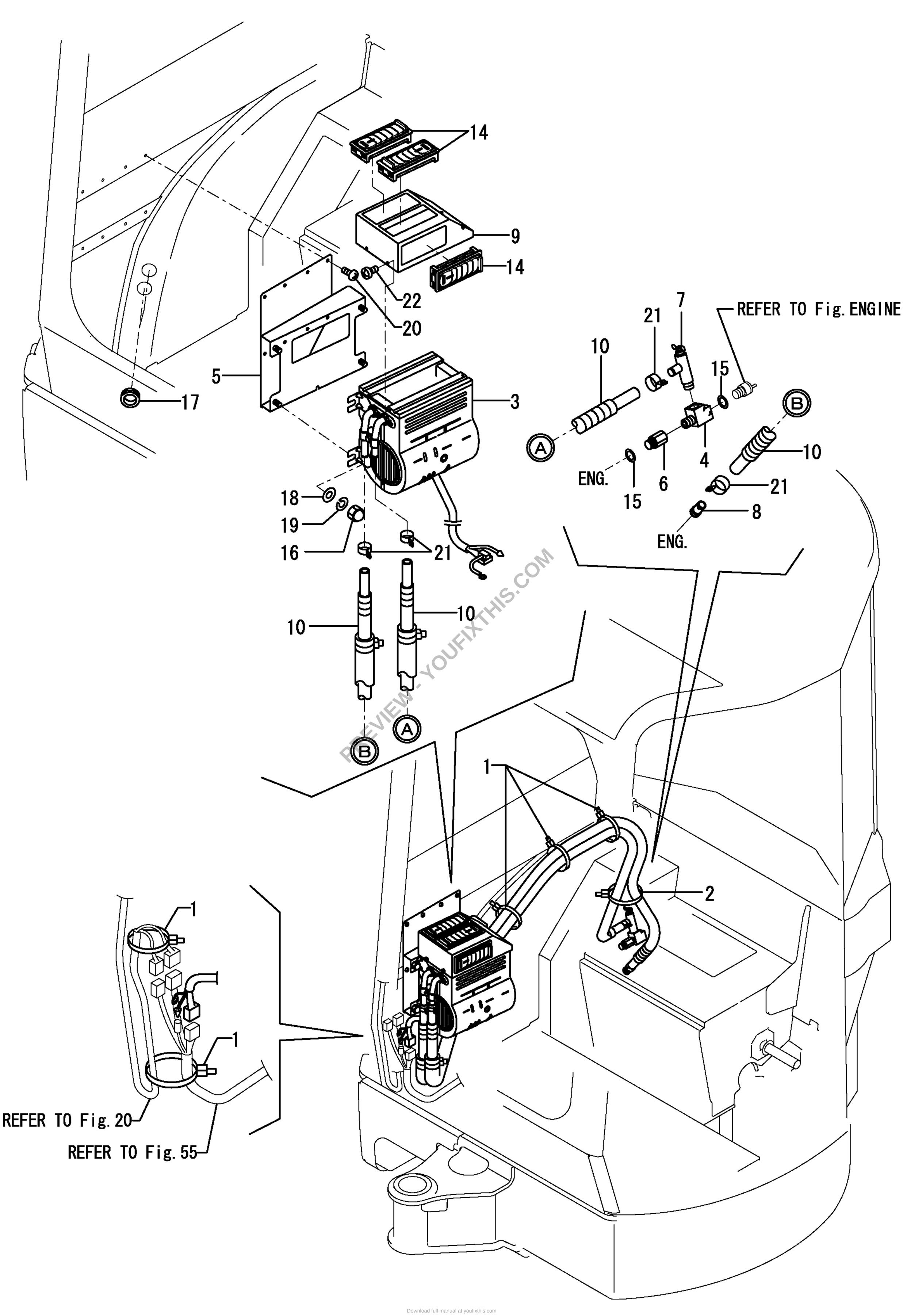
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前
FRONT

10 ---バケット(BUCKET)
9 ---ブーム1(BOOM 1)
8 12 ------ブーム2(BOOM 2),T
7 -----走行:右 (TRAVEL:RIGHT)
P1 P2 ---P
6 -----走行:左 (TRAVEL:LEFT)
5 -----スイング (SWING)
4 ---アーム(ARM)
3 ----P.T.O.
1 P3 ---T,P
2 ---旋回(TURNING)
1 ---ブレード (BLADE)
B A

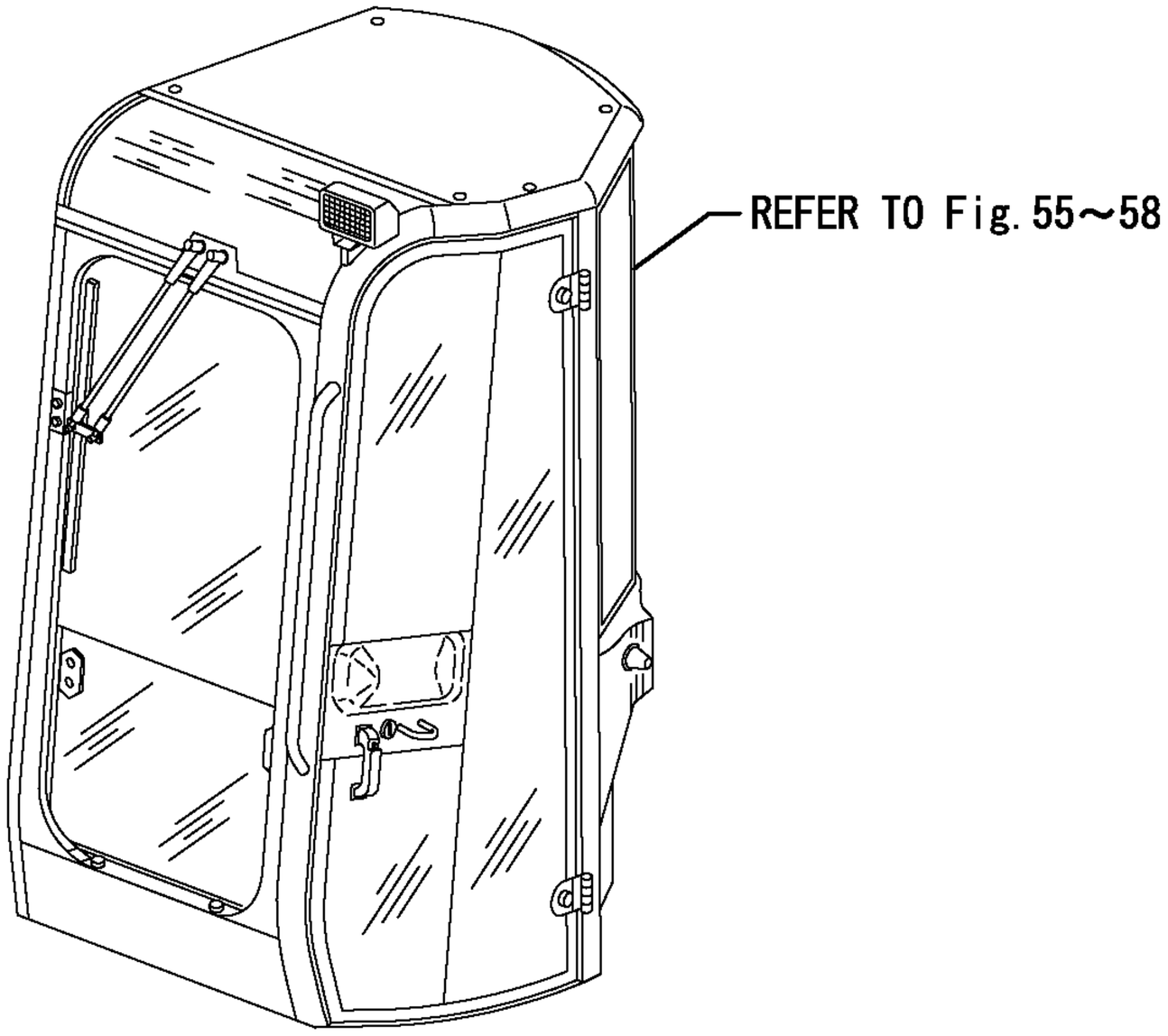
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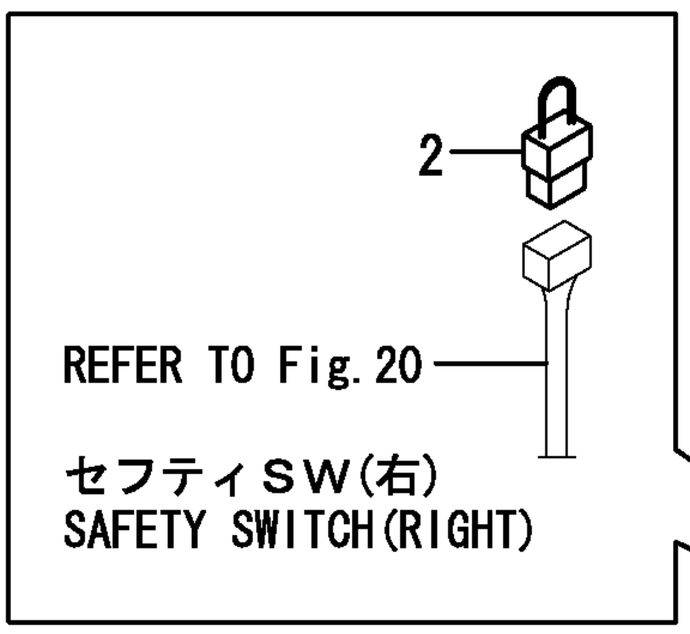
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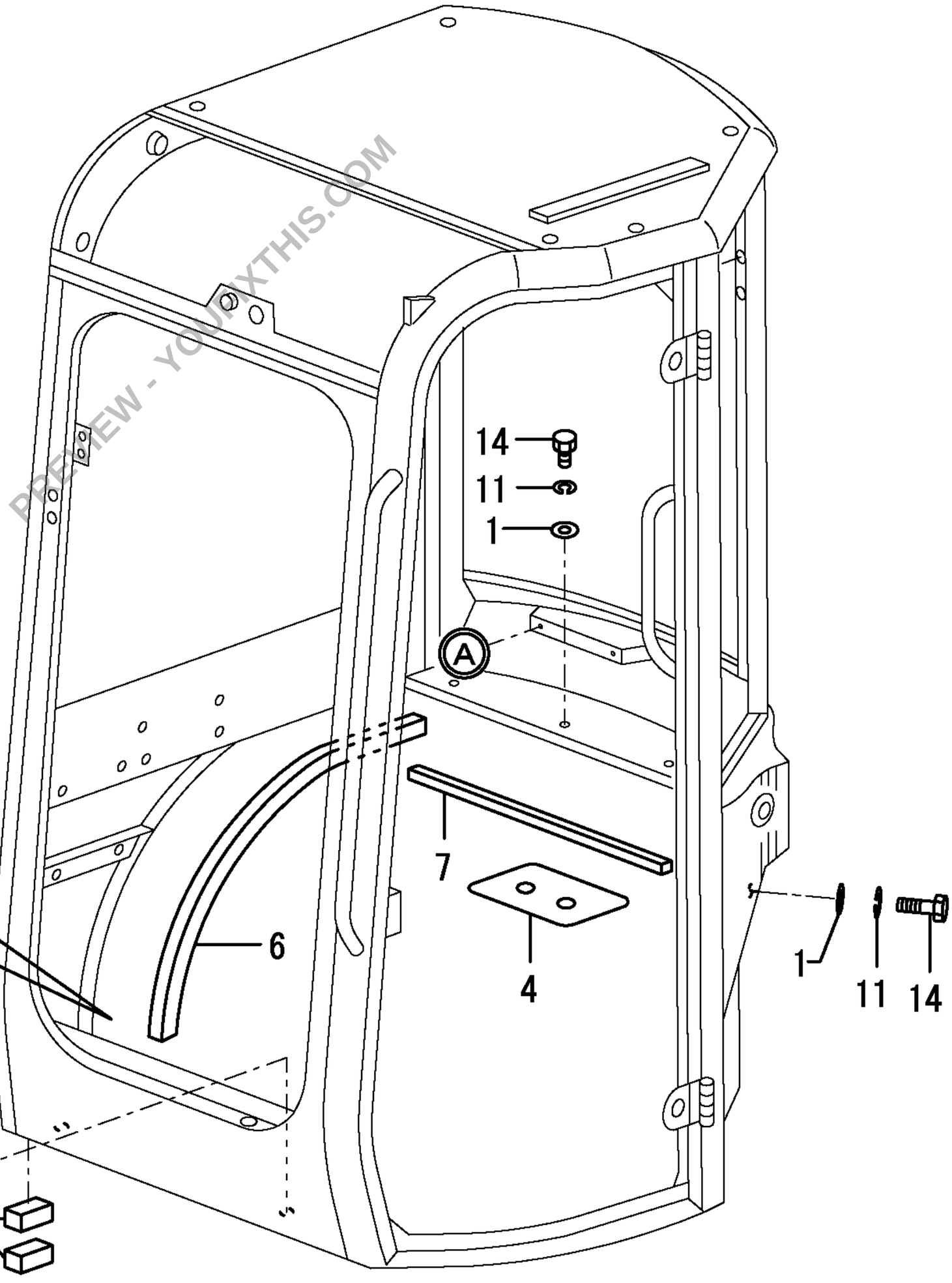


キャビンＡＳＳＹ
CABIN ASSY
172456-68400

項目NO.55の見出しNO.1は、
項目NO.55の見出しNO.2～44と
項目NO.56の見出しNO.1～28と
項目NO.57の見出しNO.1～31と
項目NO.58の見出しNO.1～35を含みます。

Fig.55 Ref.No.1
INC.Fig.55 Ref.No.2～44.
Fig.56 Ref.No.1～28.
Fig.57 Ref.No.1～31.
Fig.58 Ref.No.1～35.





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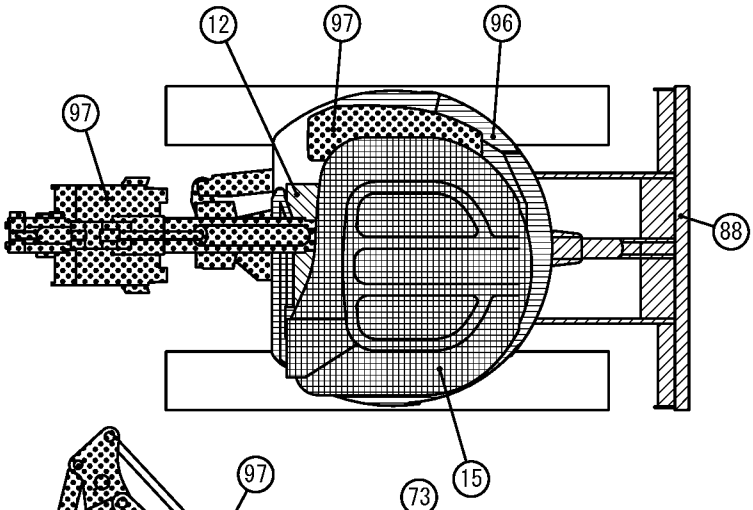
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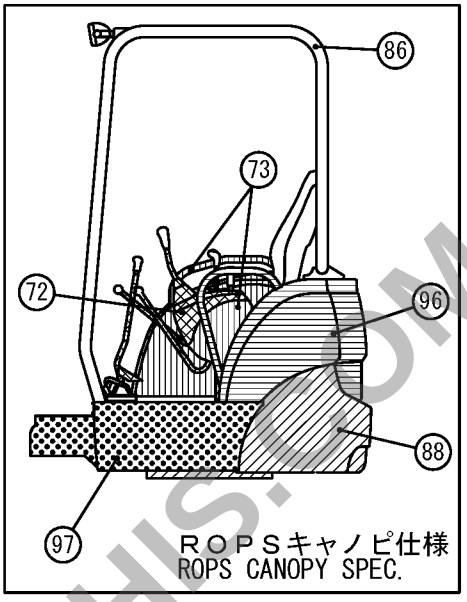
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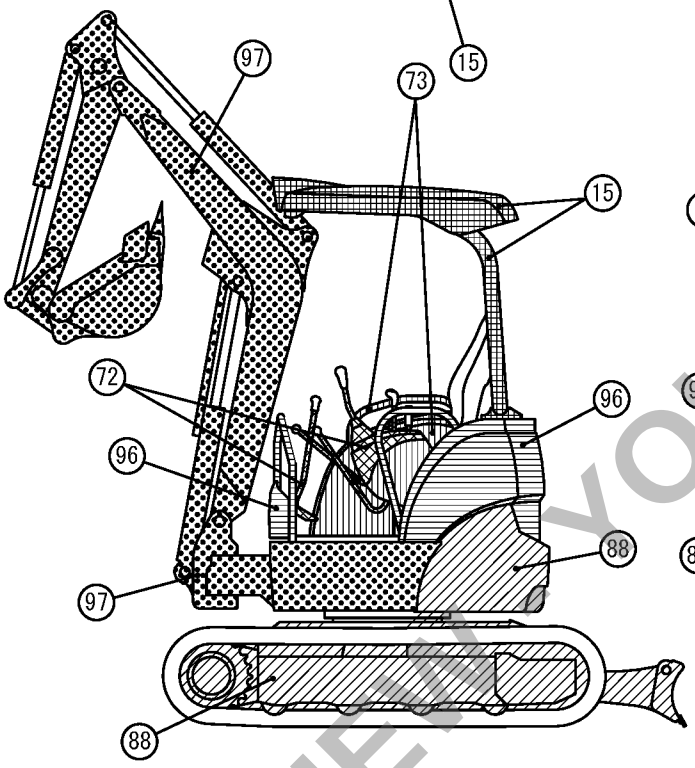
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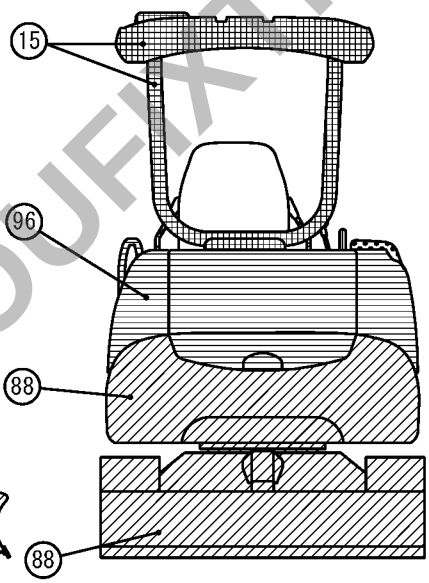
本機塗装色
VEHICLE PAINTED COLOR

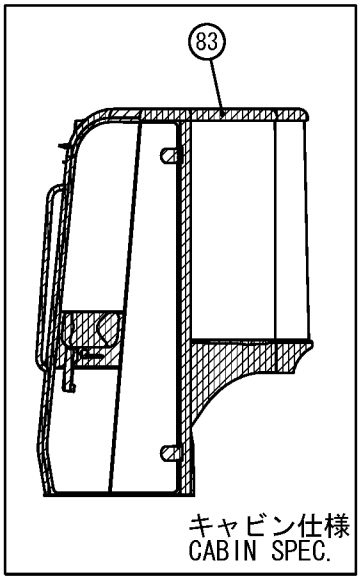




ＲＯＰＳキャノピ仕様
ROPS CANOPY SPEC.







キャビン仕様
CABIN SPEC.

色区分 Color Code	表示 Desc-ription	塗装色 Painted Color	ﾏﾝｾﾙ記号 Munsel No.	塗料部品番号 (Paint Part No.)		
				16L缶(16L Can)	4L缶(4L Can)	ｽﾌﾟﾚｰ(SPRAY)
88		ヤンマー新ディープグリーン YANMAR New Deep Green	0.6B2.2/4.2	981101-09588	977620-40880	977620-30881
97		ヤンマーピーコックグリーン YANMAR Peacock Green	3.85BG5.31/9.15	981101-09597	977620-40970	977620-30971
96		ヤンマーシトラスグリーン YANMAR Citrus Green	4.84GY8.42/6.99	981101-09599	977620-40990	977620-30991
72		ヤンマーダークオリーブグレー YANMAR Dark Olive Gray	5.39Y2.92/0.78	-------	977620-40720	TOR-90460003
15		ナチュラルホワイト Natural White	1.38GY7.15/0.48	-------	-------	977620-30301
73		ヤンマーワームグレー YANMAR Warm Gray	7Y5.3/0.8	-------	-------	TOR-90450003
12		ヤンマーブラック YANMAR Black	4.90PB0.08/0.41	-------	TOR-91220001	TOR-90220003
86		ヤンマー新グレイッシュグリーン YANMAR New Grayish Green	2.62BG4.76/2.87	981101-09616	977620-40860	977620-30861
83		ヤンマーグレイッシュグリーン YANMAR Grayish Green	2.14G 4.87/1.52	981101-09615	977620-40830	977620-30N41

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