YANMAR

PARTS CATALOG

PREVIEW - YOUFIXTHIS.COM

0CS10-M59000EN

Last update May., 2015

Download full manual at youfixthis.com

Contents

Fig. No. Fig. Name

MAIN LOADER COMPONENTS

1. CHASSIS(S190R
2. CHASSIS(S220R
3. CHASSIS(S220R REAR BUMPER AND COUNTERWEIGHT
4. CHASSIS(HVAC
5. CHASSIS(HVAC
6. CHASSIS(HEATER-ONLY
7. CHASSIS(HYDRAULIC QUICK COUPLER
8. GRILLE AND ENGINE COVER(S190R
9. GRILLE AND ENGINE COVER(S220R
10. ROPS/FOPS STRUCTURE
11. ROPS/FOPS STRUCTURE(NON-HVAC
12. ROPS/FOPS STRUCTURE(HVAC COMPLETING
13. ROPS/FOPS STRUCTURE(HEATER-ONLY
14. RESTRAINT BAR
15. SEATS(NON-SUSPENSION
16. SEATS(STANDARD AND SUSPENSION
17. SEATS-SEAT BELT OPTION
18. SEATS-THREE-POINT RESTRAINT SEAT BELT OPTION
19. LIFT ARM(S190R
20. LIFT ARM(S220R
21. ATTACHMENT BRACKET(S190R MANUAL QUICK COUPLER
22. ATTACHMENT BRACKET(S220R MANUAL QUICK COUPLER
23. ATTACHMENT BRACKET(S190R HYDRAULIC QUICK COUPLER HITCH
24. ATTACHMENT BRACKET(S220R HYDRAULIC QUICK COUPLER HITCH

Fig. No. Fig. Name

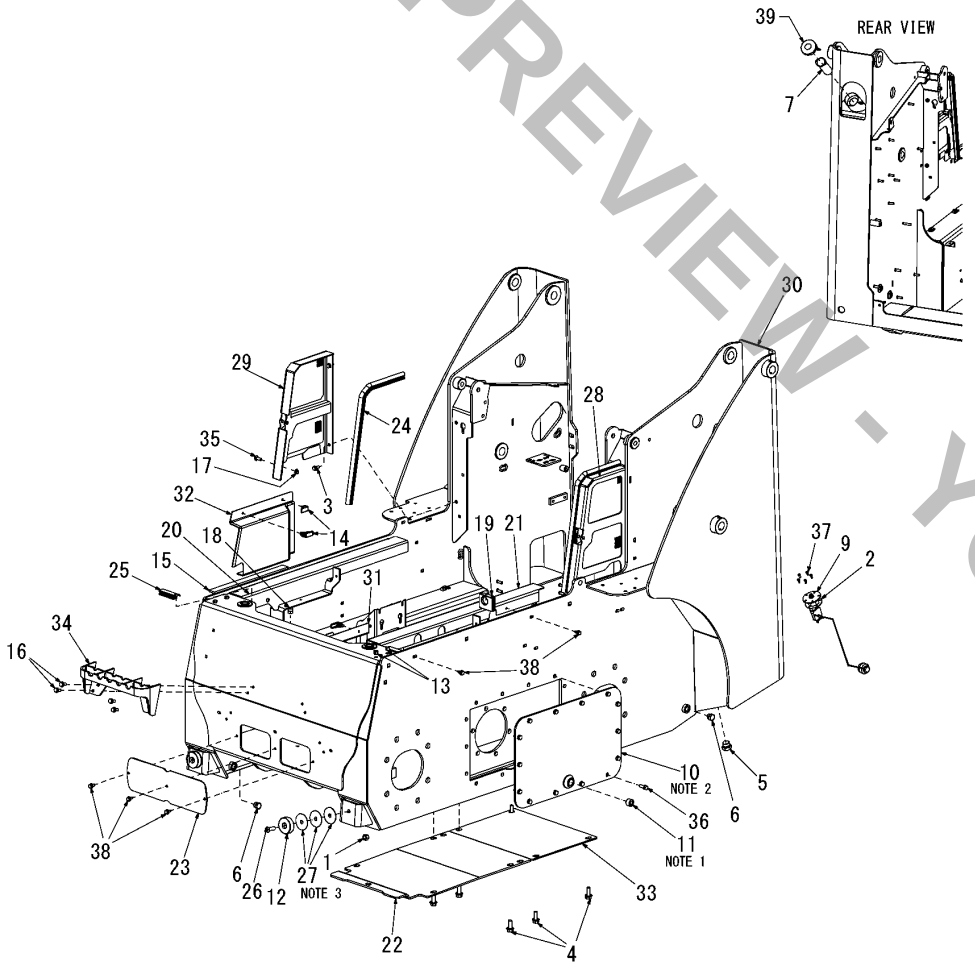
25. WHEEL DRIVES(S190R
26. WHEEL DRIVES(S190R AXLE ASSEMBLY
27. WHEEL DRIVES(S190R
28. WHEEL DRIVES(S220R
29. WHEEL DRIVES(S220R AXLE ASSEMBLY
30. ENGINE(S190R
31. ENGINE(S220R
32. AIR CLEANER AND EXHAUST(S190R
33. AIR CLEANER AND EXHAUST(S220R
34. RADIATOR/COOLER(S190R
35. RADIATOR/COOLER(S220R
36. HYDROSTATIC SYSTEM WITH DRIVE MOTORS(S190R SINGLE-SPEED HAND/FOOT AND DUAL JOYST
37. HYDROSTATIC SYSTEM WITH DRIVE MOTORS(S190R TWO-SPEED HAND/FOOT AND DUAL JOYSTICK
38. HYDROSTATIC SYSTEM WITH DRIVE MOTORS(S220R SINGLE-SPEED HAND/FOOT AND DUAL JOYST
39. HYDROSTATIC SYSTEM WITH DRIVE MOTORS(S220R TWO-SPEED HAND/FOOT AND DUAL JOYSTICK
40. HYDRAULICS-CHASSIS(S190R TANK HYDRAULICS
41. HYDRAULICS-CHASSIS(S220R TANK HYDRAULICS
42. HYDRAULICS-CHASSIS(RIDE CONTROL ASSEMBLY
43. HYDRAULICS-CHASSIS(S190R STANDARD AUXILIARY HYDRAULICS HAND/FOOT AND DUAL JOYSTI
44. HYDRAULICS-CHASSIS(S220R STANDARD AUXILIARY HYDRAULICS HAND/FOOT AND DUAL JOYSTI
45. HYDRAULICS-CHASSIS(S190R HIGH-FLOW AUXILIARY HYDRAULICS DUAL JOYSTICK AND HAND/F
46. HYDRAULICS-CHASSIS(S220R HIGH-FLOW AUXILIARY HYDRAULICS DUAL JOYSTICK AND HAND/F
47. HYDRAULICS-CHASSIS(HAND/FOOT AND DUAL JOYSTICK CONTROLS WITH SELF-LEVELING
48. HYDRAULICS-CHASSIS(HAND/FOOT AND DUAL JOYSTICK CONTROLS WITHOUT SELF-LEVELING
49. HYDRAULICS-LIFT ARM(S190R

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

Fig.1. CHASSIS(S190R

(A)=S190R-1
(B)=S220R-1
(C)=
(D)=
(E)=
(F)=



NOTES:
1. APPLY PIPE THREAD SEALANT
2. APPLY OIL-RESISTANT RTV
3. SHIM AS REQUIRED

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172551-00290	NUT	2							
2	1	172216-00210	GASKET, FUEL SENDER	1							
3	1	172551-00610	SCREW	4							
4	1	172215-00510	SCREW	6							
5	1	172551-01040	PLUG	1							
6	1	172215-00620	PLUG	3							
7	1	172216-01240	STRAINER, FUEL FILL	1							
8	1	172216-09380	SCREW	2							1
9	1	172216-02080	FUEL SENSOR, VDO	1							
10	1	172217-00300	COVER ASSY	2							
11	1	172551-02190	PLUG	2							
12	1	172215-01720	STOP, DOWN	2							
13	1	172216-05270	PLUG, HOLE	4							
14	1	172216-05820	LATCH, SWELL	4							
15	1	172216-06260	STRIP, FOAM	2							
16	1	172216-06810	SCREW	4							
17	1	172215-06620	NUT	2							
18	1	172215-07170	BREATHER	2							
19	1	172218-00890	PLUG, PASS THROUGH	2							
20	1	172218-01140	FILLER, ROPS RIGHT	1							
21	1	172218-01150	FILLER, ROPS LEFT	1							
22	1	172218-01340	BELLY PAN	1							
23	1	172218-02540	COVER, CLEAN-OUT	1							
24	1	172218-04500	SEAL, BULB 90	2							
25	1	172218-04880	SEAL, FILLER PLATE	2							
26	1	172215-07710	SCREW	2							
27	1	172215-08690	SHIM	6							
28	1	172216-12620	COVER, SIDE L	1							
29	1	172216-12630	COVER, SIDE R	1							
30	1	172216-12640	CHASSIS, WLDMT	1							
31	1	172216-12650	COVER, LOWER LEFT	1							
32	1	172216-12660	COVER, LOWER RIGHT	1							
33	1	172216-12670	COVER, CHASSIS	1							
34	1	172216-12680	STEP	1							
35	1	172215-02820	BOLT	2							
36	1	172216-09500	SCREW	28							
37	1	172215-03120	SCREW	5							
38	1	172215-03150	SCREW	7							
39	1	172216-01250	CAP, FUEL TANK	1							

Remarks
(1)Not shown in illustration.

N:Old $\overset{\text{Yes}}{\underset{\text{No}}{\leftrightarrows}}$ New, Q:Old $\overset{\text{No}}{\underset{\text{Yes}}{\leftrightarrows}}$ New, R:Old $\overset{\text{Yes}}{\underset{\text{Yes}}{\leftrightarrows}}$ New, S:Old $\overset{\text{No}}{\underset{\text{No}}{\leftrightarrows}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

Copyright (C) 2013 YANMAR CO., LTD. All RightsReserved.

PREVIEW - YOUFIXTHIS.COM

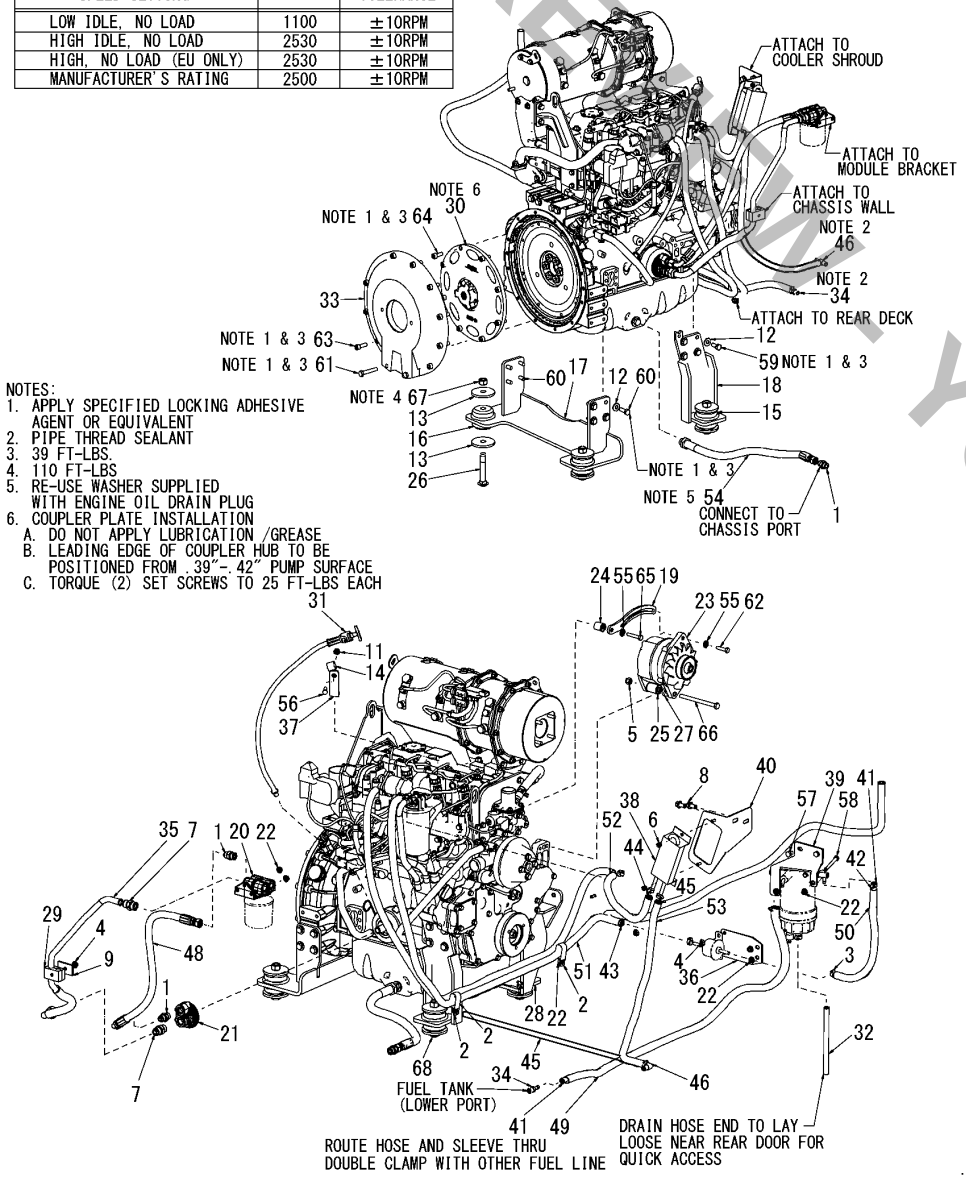
Download full manual at youfixthis.com

Fig.30. ENGINE(S190R

(A)=S190R-1
(B)=S220R-1
(C)=
(D)=
(E)=
(F)=

ENGINE SPEED SPECIFICATIONS

SPEED SETTING	RPM	TOLERANCE
LOW IDLE, NO LOAD	1100	±10RPM
HIGH IDLE, NO LOAD	2530	±10RPM
HIGH, NO LOAD (EU ONLY)	2530	±10RPM
MANUFACTURER'S RATING	2500	±10RPM



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172551-00040	FITTING	3							
2	1	172551-00090	CLAMP	2							
3	1	172551-00140	CLAMP	11							
4	1	172551-00230	NUT	3							
5	1	172216-00180	NUT	1							
6	1	172551-00250	NUT	2							
7	1	172551-00320	CONNECTOR	2							
8	1	172551-00440	SCREW	2							
9	1	172551-00510	PLATE	1							
10	1	172551-00720	NUT	1							1
11	1	172551-01060	NUT	1							
12	1	172216-01470	WASHER	16							
13	1	172551-01240	WASHER	8							
14	1	172551-01270	CLAMP	1							
15	1	172551-01310	ISOLATOR	2							
16	1	172216-04700	ISOLATOR	2							
17	1	172217-01370	MOUNT, ENGINE	1							
18	1	172217-01390	MOUNT, ENGINE	1							
19	1	172551-02510	BRACKET, ALTERNATOR	1							
20	1	172551-02540	MOUNT, FILTER	1							
21	1	172551-02550	ADAPTOR, FILTER	1							
22	1	172215-06620	NUT	7							
23	1	172551-02920	ALTERNATOR	1							
24	1	172551-02950	SPACER	1							
25	1	172551-02960	SPACER	1							
26	1	172218-01490	BOLT	2							
27	1	172551-02980	SPACER	1							
28	1	172217-03590	MOUNT, ENGINE	1							
29	1	172551-03120	CLAMP	2							
30	1	172216-08330	COUPLER, FLEX	1							
31	1	172216-08350	DIPSTICK ASSY	1							
32	1	172216-08490	HOSE, FUEL	1							
33	1	172216-08590	HOUSING, FLYWHEEL	1							
34	1	172216-13810	FITTING	1							
35	1	172216-13820	HOSE	1							
36	1	172216-13830	PLATE ASSY	1							
37	1	172216-13840	BRACKET, DIPSTICK	1							
38	1	172216-13850	COOLER, FUEL	1							
39	1	172216-13860	BRKT, WATERSEPARATOR	1							
40	1	172216-13870	BRKT ASSY, FO COOLER	1							
41	1	172216-13880	LINE, FUEL	1							
42	1	172216-13890	HOSE	1							
43	1	172216-13900	HOSE	1							
44	1	172216-13910	HOSE	1							
45	1	172216-13920	HOSE	1							
46	1	172216-13930	FITTING	1							
48	1	172216-12320	HOSE 1/2 X 35	1							
49	1	172216-13950	SLEEVE, NYLON	1							
50	1	172216-13960	SLEEVE, NYLON	1							
51	1	172216-13970	SLEEVE, NYLON	1							
52	1	172216-13980	SLEEVE, NYLON	1							

Remarks
(1)Not shown in illustration.

N:Old ⇔ New, Q:Old ⇔ New, R:Old ⇔ New, S:Old ⇔ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

++ CONTINUE ++

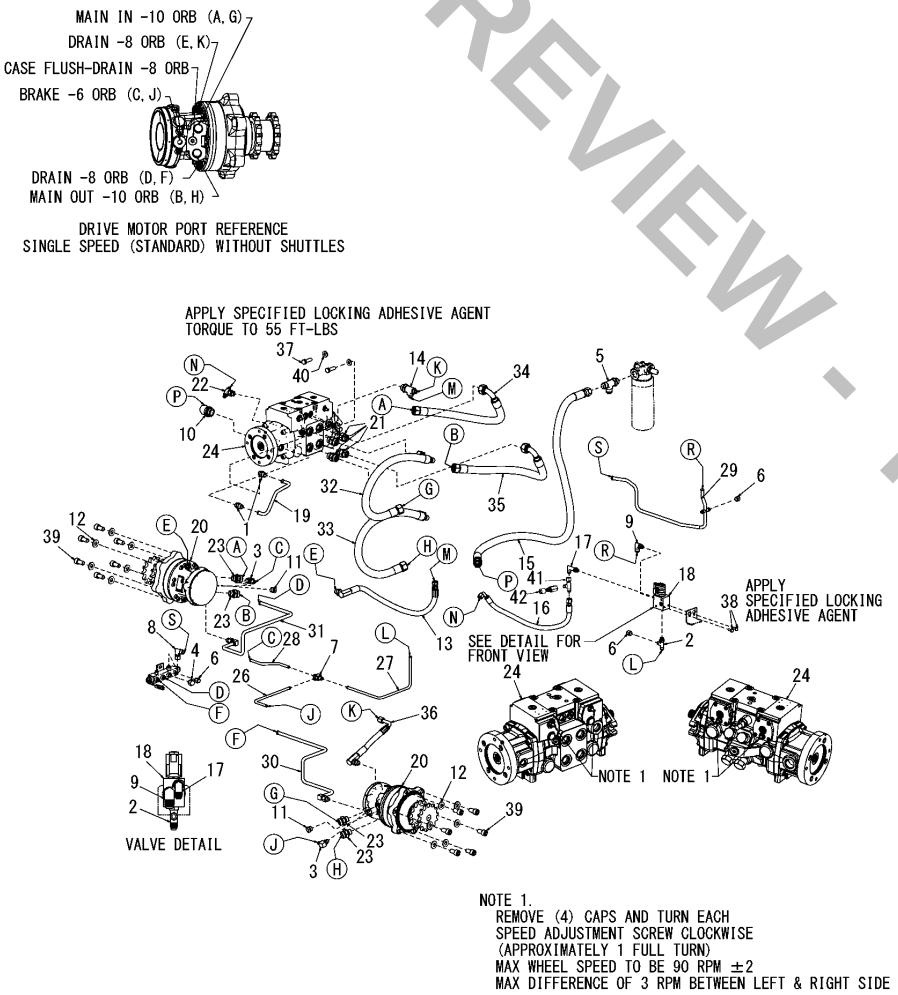
Copyright (C) 2013 YANMAR CO., LTD. All RightsReserved.

Download full manual at youfixthis.com

PREVIEW - YOUFIXTHIS.COM

Fig.36. HYDROSTATIC SYSTEM WITH DRIVE MOTORS(S190R SINGLE-SPEED HAND/FOOT AND DUAL JOYST

(A)=S190R-1
(B)=S220R-1
(C)=
(D)=
(E)=
(F)=



No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172551-00040	FITTING	2							
2	1	172551-00060	FITTING	1							
3	1	172551-00220	CONNECTOR	2							
4	1	172216-00300	CAP	1							
5	1	172551-00490	CONNECTOR, TEE-RUN	1							
6	1	172216-00380	CAP	3							
7	1	172216-00400	FITTING	1							
8	1	172215-00470	FITTING	1							
9	1	172215-00540	FITTING	1							
10	1	172216-00560	FITTING	1							
11	1	172215-00620	PLUG	2							
12	1	172216-02040	WASHER	12							
13	1	172216-03010	HOSE	1							
14	1	172216-14350	FITTING	1							
15	1	172217-01890	HOSE	1							
16	1	172217-02080	HOSE	1							
17	1	172217-02410	FITTING	1							
18	1	172218-00690	VALVE, BRAKE	1							1
19	1	172218-02270	TUBE, CHARGE	1							
20	1	172216-11910	MOTOR, SINGLE-SPEED	2							2
21	1	172216-14360	FITTING	4							
22	1	172216-14370	FITTING	1							
23	1	172216-14380	FITTING	4							
24	1	172216-14390	PUMP, TANDEM	1							3
25	1	172216-08390	O-RING	1							4
26	1	172216-14400	TUBE ASSY, BRAKE L	1							
27	1	172216-14410	TUBE, BRAKE LEFT	1							
28	1	172216-14420	TUBE ASSY, BRAKE R	1							
29	1	172216-14430	TUBE, DRAIN	1							
30	1	172216-14440	TUBE ASSY, DRAIN L	1							
31	1	172216-14450	TUBE ASSY, DRAIN R	1							
32	1	172216-14460	HOSE	1							
33	1	172216-14470	HOSE	1							
34	1	172216-14480	HOSE	1							
35	1	172216-14490	HOSE	1							
36	1	172216-14500	HOSE	1							
37	1	172215-02700	SCREW	2							
38	1	172215-02710	SCREW	2							
39	1	172216-09650	SCREW	12							
40	1	172216-11190	WASHER	2							
41	1	172551-00340	FITTING	1							
42	1	172216-05470	PORT, TEST	1							

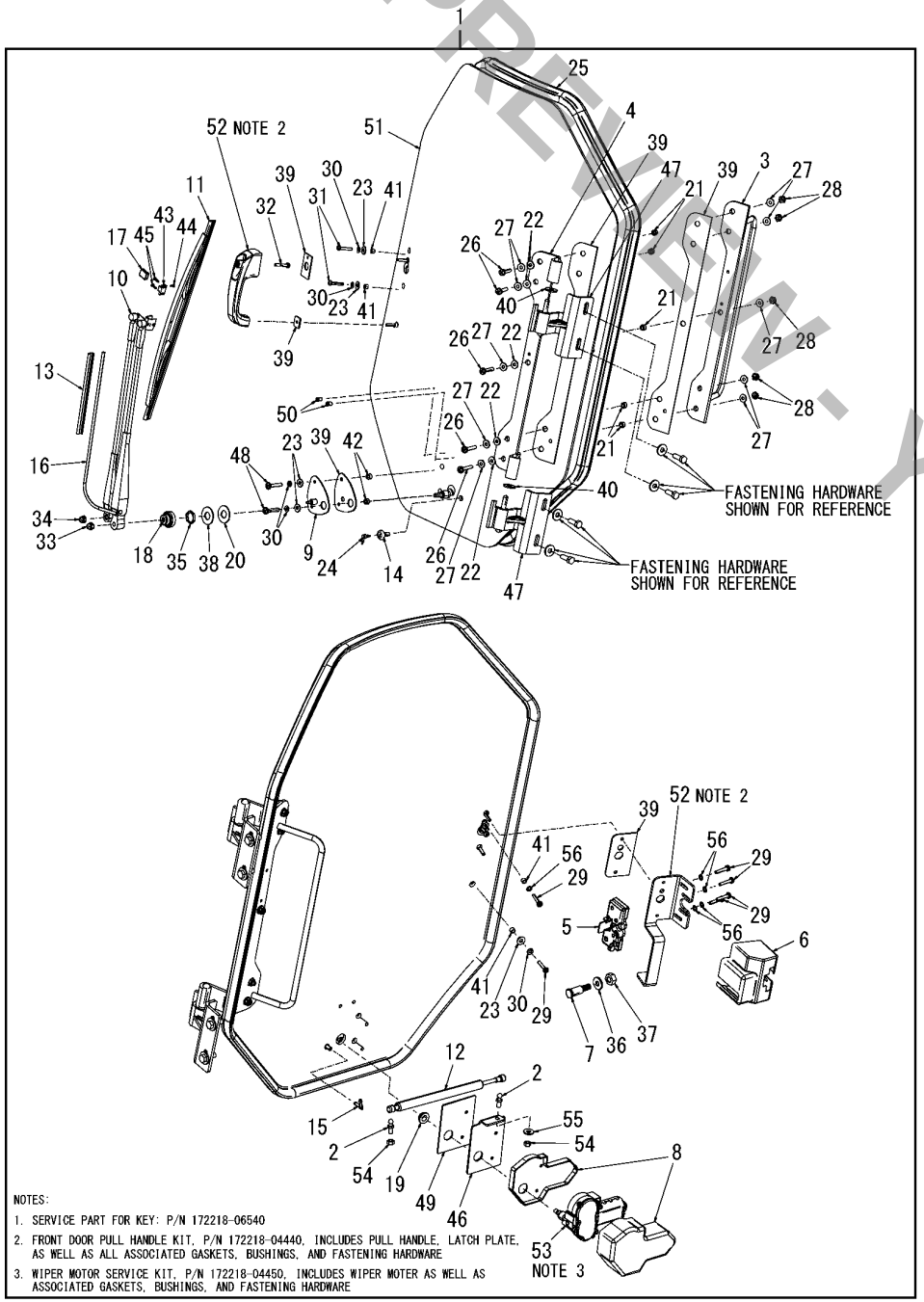
Remarks
(1)For breakdown see Fig.No.97.
(2)For breakdown see Fig.No.82, 83.
(3)For breakdown see Fig.No.87.
(4)Not shown in illustration.

N:Old ◄Yes/No► New, Q:Old ◄No/Yes► New, R:Old ◄Yes/Yes► New, S:Old ◄No/No► New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

Copyright (C) 2013 YANMAR CO., LTD. All RightsReserved.

PREVIEW - YOUFIXTHIS.COM
Download full manual at youfixthis.com

Fig.113. CAB DOOR KIT



(A)=S190R-1
(B)=S220R-1
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172216-16900	DOOR KIT, CAB	1	1						
2	2	172215-00550	STUD, BALL	2	2						
3	2	172218-02980	BACKER, HINGE	1	1						
4	2	172218-02990	HINGE, DOOR	1	1						
5	2	172218-03000	LATCH, DOOR	1	1						
6	2	172218-03010	COVER, LATCH	1	1						
7	2	172218-03020	STRIKER	1	1						
8	2	172218-03040	COVER, WIPER MOTOR	1	1						
9	2	172218-03050	PLATE, PANTOGRAPH	1	1						
10	2	172218-03060	ARM, WIPER	1	1						
11	2	172218-03070	BLADE, WIPER ASSY	1	1						
12	2	172218-03080	SPRING, GAS	1	1						
13	2	172218-03090	CLIP, WIPER HOSE	1	1						
14	2	172218-03100	GROMMET, WASHER HOSE	1	1						
15	2	172218-03110	ELBOW, WASHER HOSE	1	1						
16	2	172218-03120	HOSE, WASHER	1	1						
17	2	172551-03100	HEAD, SPRITZER	1	1						
18	2	172218-03130	SEAL, RAIN, WIPER	1	1						
19	2	172218-03150	GROMMET, DRIVE SHAFT	1	1						
20	2	172218-03160	WASHER	1	1						
21	2	172218-03170	BUSHING	5	5						
22	2	172218-03180	WASHER	5	5						
23	2	172218-03190	WASHER	5	5						
24	2	172218-03200	ELBOW, WASHER HOSE	1	1						
25	2	172218-03210	SEAL, BULB	1	1						
26	2	172218-03250	SCREW	5	5						
27	2	172218-03270	WASHER	10	10						
28	2	172218-03280	LOCK NUT	5	5						
29	2	172218-03310	SCREW	6	6						
30	2	172218-03320	WASHER	5	5						
31	2	172218-03330	SCREW	2	2						
32	2	172218-03340	SCREW	1	1						
33	2	172218-03350	NUT	1	1						
34	2	172218-03360	NUT	1	1						
35	2	172218-03370	NUT	1	1						
36	2	172218-03380	WASHER	1	1						
37	2	172218-03390	NUT	1	1						
38	2	172218-03400	WASHER	1	1						
39	2	172218-03490	GASKET SET	1	1						
40	2	172218-03500	BUSHING, BRONZE	2	2						
41	2	172218-03510	BUSHING	4	4						
42	2	172218-03520	BUSHING	2	2						
43	2	172218-04140	BARCKET, MOUNTING	1	1						
44	2	172218-04150	SCREW	1	1						
45	2	172218-04160	SCREW	2	2						
46	2	172218-04380	PLATE, MOUNT	1	1						
47	2	172218-04390	HINGE, CABSIDE	2	2						
48	2	172218-04400	SCREW	2	2						
49	2	172218-04410	GASKET, MOUNT	1	1						
50	2	172218-04420	PLUG	2	2						
51	2	172218-04430	GLASS KIT, FR DOOR	1	1						

N:Old ⇄ New, Q:Old ⇄ New, R:Old ⇄ New, S:Old ⇄ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

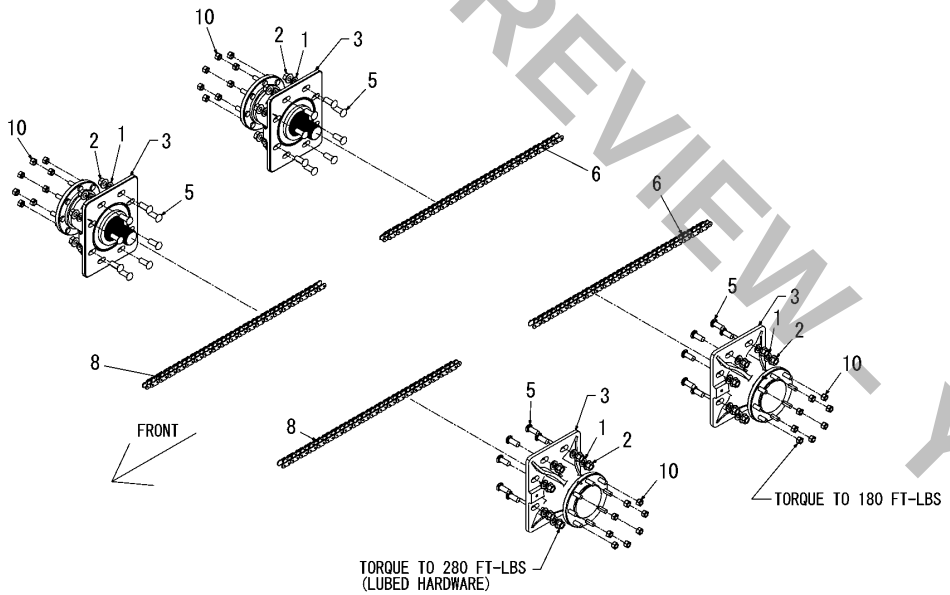
++ CONTINUE ++

Copyright (C) 2013 YANMAR CO., LTD. All RightsReserved.

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

Fig.25. WHEEL DRIVES(S190R



(A)=S190R-1
(B)=S220R-1
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172216-09640	WASHER	32							
2	1	172216-13790	NUT	32							
3	1	172216-06570	AXLE ASSY	4							1
4	1	172216-02530	BOLT	32							2
5	1	172216-02300	BOLT	32							
6	1	172216-01530	CHAIN	2							
7	1	172217-00030	LINK, CONNECTING	1							2
8	1	172216-01520	CHAIN	2							
9	1	172217-00030	LINK, CONNECTING	1							2
10	1	172216-00360	NUT	32							

Remarks
(1)Inner parts are shown Fig.No.26.
(2)Not shown in illustration.

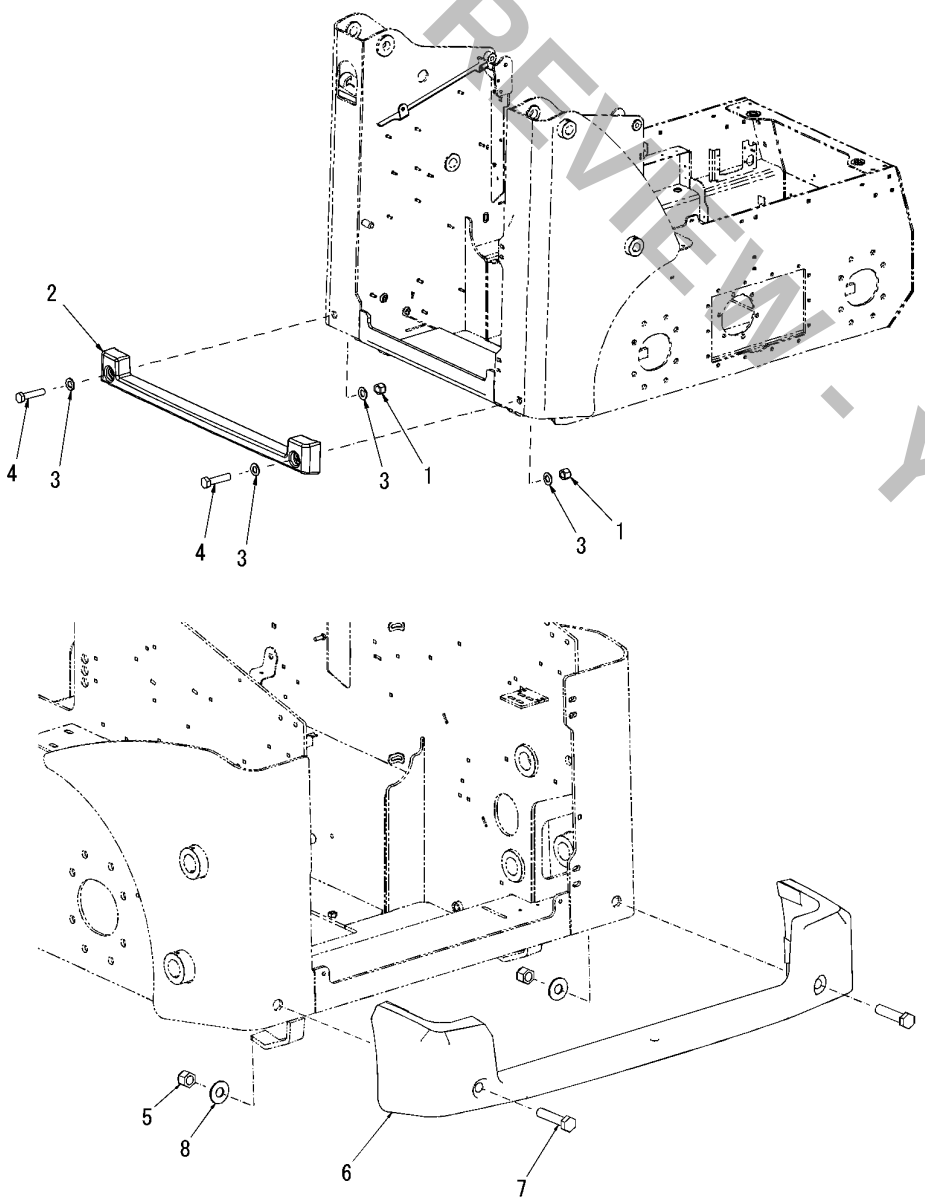
N:Old $\overset{\text{Yes}}{\underset{\text{No}}{\leftrightarrows}}$ New, Q:Old $\overset{\text{No}}{\underset{\text{Yes}}{\leftrightarrows}}$ New, R:Old $\overset{\text{Yes}}{\underset{\text{Yes}}{\leftrightarrows}}$ New, S:Old $\overset{\text{No}}{\underset{\text{No}}{\leftrightarrows}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

Copyright (C) 2013 YANMAR CO., LTD. All RightsReserved.

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

Fig.3. CHASSIS(S220R REAR BUMPER AND COUNTERWEIGHT



(A)=S190R-1
(B)=S220R-1
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172218-00080	NUT		2						
2	1	172216-12760	BUMPER, REAR-CASTING		1						
3	1	172215-03060	WASHER		4						
4	1	172218-05170	SCREW		2						
5	1	172218-00080	NUT		2						
6	1	172218-04470	COUNTERWEIGHT, CAST		1						
7	1	172218-05170	SCREW		2						
8	1	172216-09810	WASHER		2						

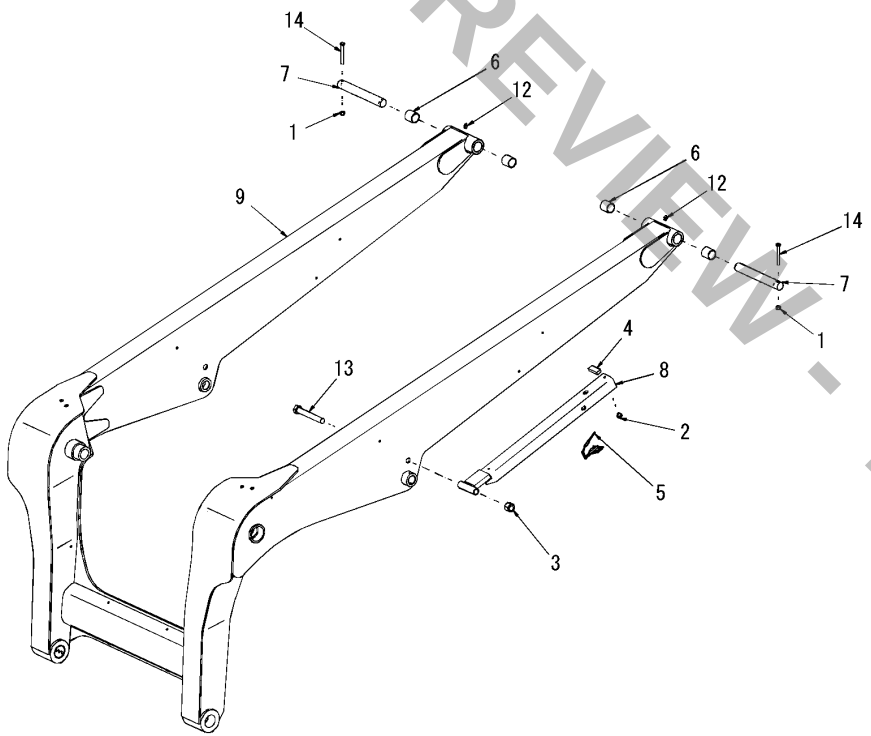
N:Old $\overset{\text{Yes}}{\underset{\text{No}}{\rightleftarrows}}$ New, Q:Old $\overset{\text{No}}{\underset{\text{Yes}}{\rightleftarrows}}$ New, R:Old $\overset{\text{Yes}}{\underset{\text{Yes}}{\rightleftarrows}}$ New, S:Old $\overset{\text{No}}{\underset{\text{No}}{\rightleftarrows}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

Copyright (C) 2013 YANMAR CO., LTD. All RightsReserved.

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

Fig.19. LIFT ARM(S190R



(A)=S190R-1
(B)=S220R-1
(C)=
(D)=
(E)=
(F)=

No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172551-00180	NUT	2							
2	1	172216-00270	STEM, RUBBER	1							
3	1	172551-00520	NUT	1							
4	1	172216-00410	PAD, ARM BRACE	1							
5	1	172216-00470	PIN, KLIK	1							
6	1	172216-02820	BUSHING	4							
7	1	172216-04530	PIN, GREASELESS	2							
8	1	172216-08140	ARM, SAFETY	1							
9	1	172216-13310	ARM, LEFT	1							
10	1	172551-04980	BUSHING, SPRING	2							1
11	1	172216-13320	BUSHING	2							1
12	1	172551-09410	FITTING	2							
13	1	172216-09300	SCREW	1							
14	1	172215-02950	SCREW	2							

Remarks
(1)Not shown in illustration.

N:Old $\overset{\text{Yes}}{\underset{\text{No}}{\leftrightarrows}}$ New, Q:Old $\overset{\text{No}}{\underset{\text{Yes}}{\leftrightarrows}}$ New, R:Old $\overset{\text{Yes}}{\underset{\text{Yes}}{\leftrightarrows}}$ New, S:Old $\overset{\text{No}}{\underset{\text{No}}{\leftrightarrows}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

Copyright (C) 2013 YANMAR CO., LTD. All RightsReserved.

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

Parts No. Index

Parts No.	Fig. No.	Ref. No.
172215-00030	43	1
	44	1
	45	1
	46	1
172215-00040	61	1
	62	1
172215-00100	122	3
172215-00120	31	3
172215-00190	31	4
	47	2
172215-00200	34	4
	35	4
	67	6
	69	6
172215-00300	58	11
172215-00320	4	5
172215-00340	64	3
	65	3
172215-00390	47	6
	48	4
	49	6
	50	6
172215-00400	17	1
	18	1
	110	2
	111	2
	116	2
	117	2
172215-00470	36	8
	37	7
	38	5
	39	6
172215-00480	49	48
	56	8
172215-00500	132	5
	133	5
172215-00510	1	4
	2	4
172215-00540	36	9
	37	9
	38	7
	39	8
172215-00550	8	8
	9	8
	113	2
	123	7
	131	7
172215-00580	63	4
172215-00620	1	6
	2	6

Parts No.	Fig. No.	Ref. No.
172215-00620	36	11
172215-00650	10	6
	76	2
172215-00700	8	13
	9	13
	14	6
	40	11
	41	12
	56	13
	61	4
	62	4
172215-00710	2	11
	8	14
	9	14
	66	2
	124	3
172215-00740	4	11
	6	5
	129	6
172215-00800	72	2
172215-00850	43	11
	44	10
	53	13
172215-01390	71	8
		22
172215-01400	71	10
172215-01410	8	18
	9	18
172215-01560	32	12
172215-01720	1	12
	2	16
172215-02080	120	6
172215-02090	120	4
172215-02110	14	9
172215-02140	58	10
172215-02630	120	5
172215-02650	21	14
172215-02700	8	33
	9	33
	14	26
	36	37
	37	37
	38	31
	39	35
172215-02710	36	38
	37	38
	38	32
	39	36
172215-02720	122	10
172215-02740	53	60

Parts No.	Fig. No.	Ref. No.
172215-02740	54	48
172215-02760	14	28
172215-02790	14	31
	58	29
172215-02820	1	35
	2	42
	7	15
	43	32
	44	32
	45	37
	46	37
	53	61
	54	49
	64	23
	65	23
	128	20
172215-02850	15	5
	17	5
	18	6
	110	6
	111	6
	116	5
	117	5
	119	5
172215-02870	22	18
172215-02890	23	27
	24	35
	126	33
	127	40
172215-02930	34	19
172215-02950	19	14
	49	44
172215-02990	35	21
172215-03000	8	37
	9	37
172215-03040	53	62
	54	50
172215-03060	3	3
172215-03080	23	29
	126	35
172215-03110	5	91
	6	42
	10	42
	64	25
	65	25
	103	25
	121	10
	129	47
172215-03120	1	37
	2	45

Parts No.	Fig. No.	Ref. No.
172215-03150	1	38
	2	47
	34	20
	35	22
	40	28
	41	28
	50	34
	56	45
172215-03200	45	39
	46	39
	47	29
	48	20
172215-03220	109	18
172215-03230	113	54
172215-03240	10	46
	24	41
	127	46
172215-03310	43	34
	44	34
	45	40
	46	40
172215-03340	2	48
	15	6
	17	6
	18	7
	110	7
	111	7
	116	6
	117	6
	119	6
	123	34
	131	39
172215-03360	4	95
172215-03380	4	96
	32	19
	33	16
172215-03450	71	27
172215-03460	71	28
172215-03470	71	9
172215-03480	120	1
172215-03790	8	1
	9	1
	21	1
	126	2
172215-04030	8	2
	9	2
172215-04530	53	6
172215-06610	7	4
	53	28
	54	25

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

Contents

Fig. No.	Fig. Name
50.	HYDRAULICS-LIFT ARM(S220R
51.	HYDRAULICS-LIFT ARM(S190R HIGH-FLOW
52.	HYDRAULICS-LIFT ARM(S220R HIGH-FLOW
53.	CONTROLS-WHEEL DRIVES-LIFT/TILT(HAND/FOOT CONTROLS
54.	CONTROLS-WHEEL DRIVES-LIFT/TILT(DUAL JOYSTICK CONTROLS
55.	CONTROLS-ENGINE(ELECTRIC THROTTLE SENSOR DUAL JOYSTICK CONTROLS
56.	ELECTRICAL-CHASSIS
57.	ELECTRICAL-CHASSIS(RIDE CONTROL/TWO-SPEED ASSEMBLY
58.	ELECTRICAL-ROPS/FOPS
59.	ELECTRICAL-ROPS/FOPS(STANDARD LIGHT HARNESS WITH SELF-LEVELING
60.	ELECTRICAL-LIGHTS
61.	ELECTRICAL-ENGINE(S190R
62.	ELECTRICAL-ENGINE(S220R
63.	ELECTRICAL-CONTROL(HIGH FLOW CONTROL/TWO-SPEED CONTROL
64.	ELECTRICAL-14-PIN AUXILIARY CONNECTOR(S190R
65.	ELECTRICAL-14-PIN AUXILIARY CONNECTOR(S220R
66.	FOUR-POINT LIFT
67.	SOUND SUPPRESSION(S190R STANDARD
68.	SOUND SUPPRESSION(S190R DELUXE(OPTIONAL)
69.	SOUND SUPPRESSION(S220R STANDARD
70.	SOUND SUPPRESSION(S220R DELUXE(OPTIONAL)
71.	TIRES
132.	BRAKE RELEASE(S190R
133.	BRAKE RELEASE(S220R
72.	DECALS(1
73.	DECALS(2
74.	DECALS(3
75.	DECALS(4
76.	DECALS(5
77.	DECALS(6

HYDRAULIC COMPONENTS

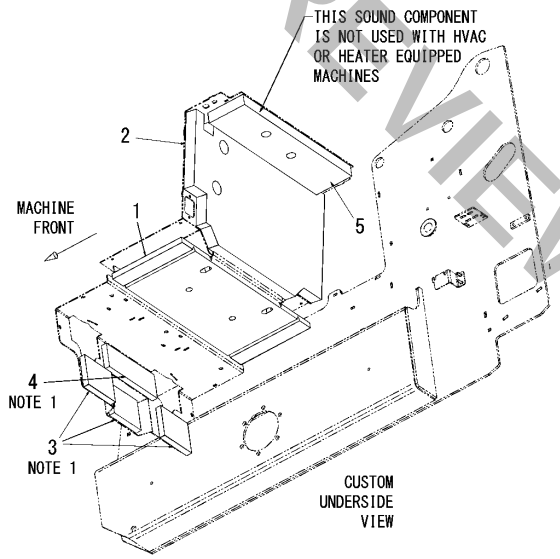
Fig. No.	Fig. Name
78.	LIFT CYLINDER(S190R
79.	LIFT CYLINDER(S220R
80.	TILT CYLINDER(S190R
81.	TILT CYLINDER(S220R
82.	DRIVE MOTORS(S190R SINGLE-SPEED
83.	DRIVE MOTORS(S190R SINGLE-SPEED
84.	DRIVE MOTORS(S220R SINGLE-SPEED
85.	DRIVE MOTORS(S190R TWO-SPEED
86.	DRIVE MOTORS(S220R TWO-SPEED
87.	TANDEM PUMP(HAND/FOOT AND DUAL JOYSTICK PUMP
88.	TANDEM PUMP(HAND/FOOT AND DUAL JOYSTICK TANDEM PUMP/ENGINE END
89.	TANDEM PUMP(HAND/FOOT AND DUAL JOYSTICK TANDEM PUMP/GEAR PUMP END
90.	GEAR PUMP-SINGLE(S190R STANDARD AUXILIARY
91.	GEAR PUMP-SINGLE(S220R STANDARD AUXILIARY
92.	GEAR PUMP-DOUBLE(S190R HIGH-FLOW AUXILIARY
93.	GEAR PUMP-DOUBLE(S220R HIGH-FLOW AUXILIARY
94.	SELF-LEVELING VALVE
95.	LIFT AND TILT SOLENOID VALVE(SOLENOID

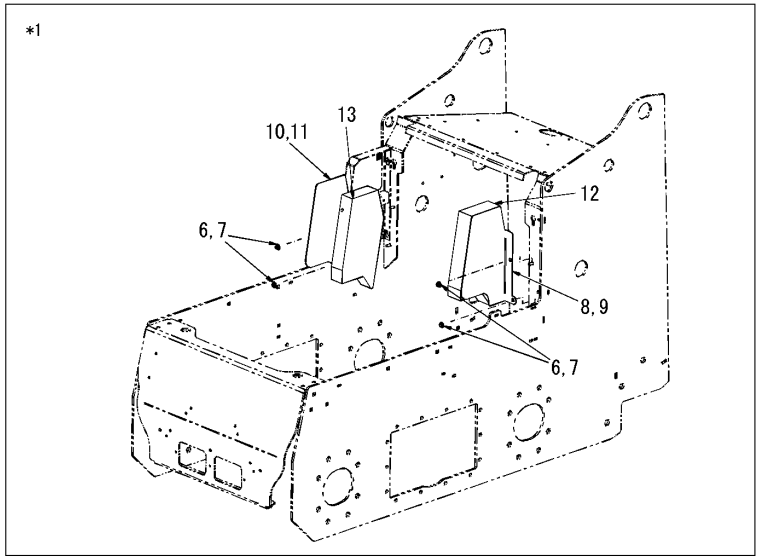
PREVIEW - YOUFIXTHIS.COM
Download full manual at youfixthis.com

Fig.69. SOUND SUPPRESSION(S220R STANDARD

(A)=S190R-1
(B)=S220R-1
(C)=
(D)=
(E)=
(F)=

NOTES
1. THESE PARTS ARE SHOWN IN THE T-BAR CONFIGURATION. THESE PARTS WILL BE SLIGHTLY REARRANGED ON THE BACK SIDE OF THE CROSSMEMBER FOR ALL OTHER CONTROL TYPES.





No.	Lev.	Parts No.	Description	Q'ty (A)	(B)	(C)	(D)	(E)	(F)	I	R
1	1	172218-05810	FOAM, SEAT PAN		1						
2	1	172216-16210	FOAM, ROPS BACK		1						
3	1	172216-16220	PAD, GEAR PUMP		3						
4	1	172216-16230	PAD, CROSSMEMBER		1						
5	1	172216-16320	FOAM, ROPS BACK		1						
6	1	172215-00200	NUT		4						1
7	1	172551-09600	SCREW		4						2
8	1	172216-17400	PANEL, LEFT		1						1
9	1	172216-16300	PANEL ASSY, LEFT		1						2
10	1	172216-17410	PANEL, RIGHT		1						1
11	1	172216-16310	PANEL ASSY, RIGHT		1						2
12	1	172216-16280	PAD, SOUND PANEL L		1						
13	1	172216-16290	PAD, SOUND PANEL R		1						

Remarks
*1.Group Side Screen Baffles.
(1)Parts used after chassis update adding capscrews to chassis weldment.
(2)Parts used before chassis update adding capscrews to chassis weldment.

N:Old $\overset{\text{Yes}}{\underset{\text{No}}{\leftrightarrows}}$ New, Q:Old $\overset{\text{No}}{\underset{\text{Yes}}{\leftrightarrows}}$ New, R:Old $\overset{\text{Yes}}{\underset{\text{Yes}}{\leftrightarrows}}$ New, S:Old $\overset{\text{No}}{\underset{\text{No}}{\leftrightarrows}}$ New, W:Add, Z:Discontinued, F:Interchangeable by set, K:Q'ty Change

Copyright (C) 2013 YANMAR CO., LTD. All RightsReserved.

PREVIEW - YOUFIXTHIS.COM

Download full manual at youfixthis.com

PREVIEW ONLY

You're viewing 12 of 158 pages

The full manual includes:

- All 158 pages, complete
- Searchable PDF (find any keyword)
- No watermarks
- Instant download
- Print-ready quality

GET FULL MANUAL NOW

Yanmar S190R, S220R Parts Catalog

Scan or click anywhere
youfixthis.com

Click anywhere on this page to get the full manual