PARTS MANUAL

MULTIQUIP®

Mikasa SERIES

MODEL MTX-70

TAMPING RAMMER

(HONDA GX100UKRBF GASOLINE ENGINE)

Revision #15 (02/11/22)

To find the latest revision of this publication or associated operation manual, visit our website at: www.multiquip.com

THIS MANUAL MUST ACCOMPANY THE EQUIPMENT AT ALL TIMES.

MTX70 Tamping Rammer

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NOTICE

Specification and part number are subject to change without notice.

NOTES

MTX70—EXPLANATION OF PARTS SECTION REMARKS

The following section explains the different symbols and remarks used in the Parts section of this manual. Use the help numbers found on the back page of the manual if there are any questions.

NOTICE

The contents and part numbers listed in the parts section are subject to change **without notice**. Multiquip does not guarantee the availability of the parts listed.

SAMPLE PARTS LIST

NO.	PART NO.	PART NAME	QTY.	REMARKS
1	12345	BOLT	1	INCLUDES ITEMS W/%
2%		WASHER, 1/4 IN		NOT SOLD SEPARATELY
2%	12347	WASHER, 3/8 IN	1	MQ-45T ONLY
3	12348	HOSE	A/R	MAKE LOCALLY
4	12349	BEARING	1	S/N 2345B AND ABOVE

NO. Column

Unique Symbols — All items with same unique symbol

(@, #, +, %, or >) in the number column belong to the same assembly or kit, which is indicated by a note in the "Remarks" column.

Duplicate Item Numbers — Duplicate numbers indicate multiple part numbers, which are in effect for the same general item, such as different size saw blade guards in use or a part that has been updated on newer versions of the same machine.

NOTICE

When ordering a part that has more than one item number listed, check the remarks column for help in determining the proper part to order.

PART NO. Column

Numbers Used — Part numbers can be indicated by a number, a blank entry, or TBD.

TBD (To Be Determined) is generally used to show a part that has not been assigned a formal part number at the time of publication.

A blank entry generally indicates that the item is not sold separately or is not sold by Multiquip. Other entries will be clarified in the "Remarks" Column.

QTY. Column

Numbers Used — Item quantity can be indicated by a number, a blank entry, or A/R.

A/R (As Required) is generally used for hoses or other parts that are sold in bulk and cut to length.

A blank entry generally indicates that the item is not sold separately. Other entries will be clarified in the "Remarks" Column.

REMARKS Column

Some of the most common notes found in the "Remarks" Column are listed below. Other additional notes needed to describe the item can also be shown.

Assembly/Kit — All items on the parts list with the same unique symbol will be included when this item is purchased.

Indicated by:

"INCLUDES ITEMS W/(unique symbol)"

Serial Number Break — Used to list an effective serial number range where a particular part is used.

Indicated by:

"S/N XXXXX AND BELOW"
"S/N XXXX AND ABOVE"
"S/N XXXX TO S/N XXX"

Specific Model Number Use — Indicates that the part is used only with the specific model number or model number variant listed. It can also be used to show a part is NOT used on a specific model or model number variant.

Indicated by:

"XXXXX ONLY"
"NOT USED ON XXXX"

"Make/Obtain Locally" — Indicates that the part can be purchased at any hardware shop or made out of available items. Examples include battery cables, shims, and certain washers and nuts.

"Not Sold Separately" — Indicates that an item cannot be purchased as a separate item and is either part of an assembly/kit that can be purchased, or is not available for sale through Multiquip.

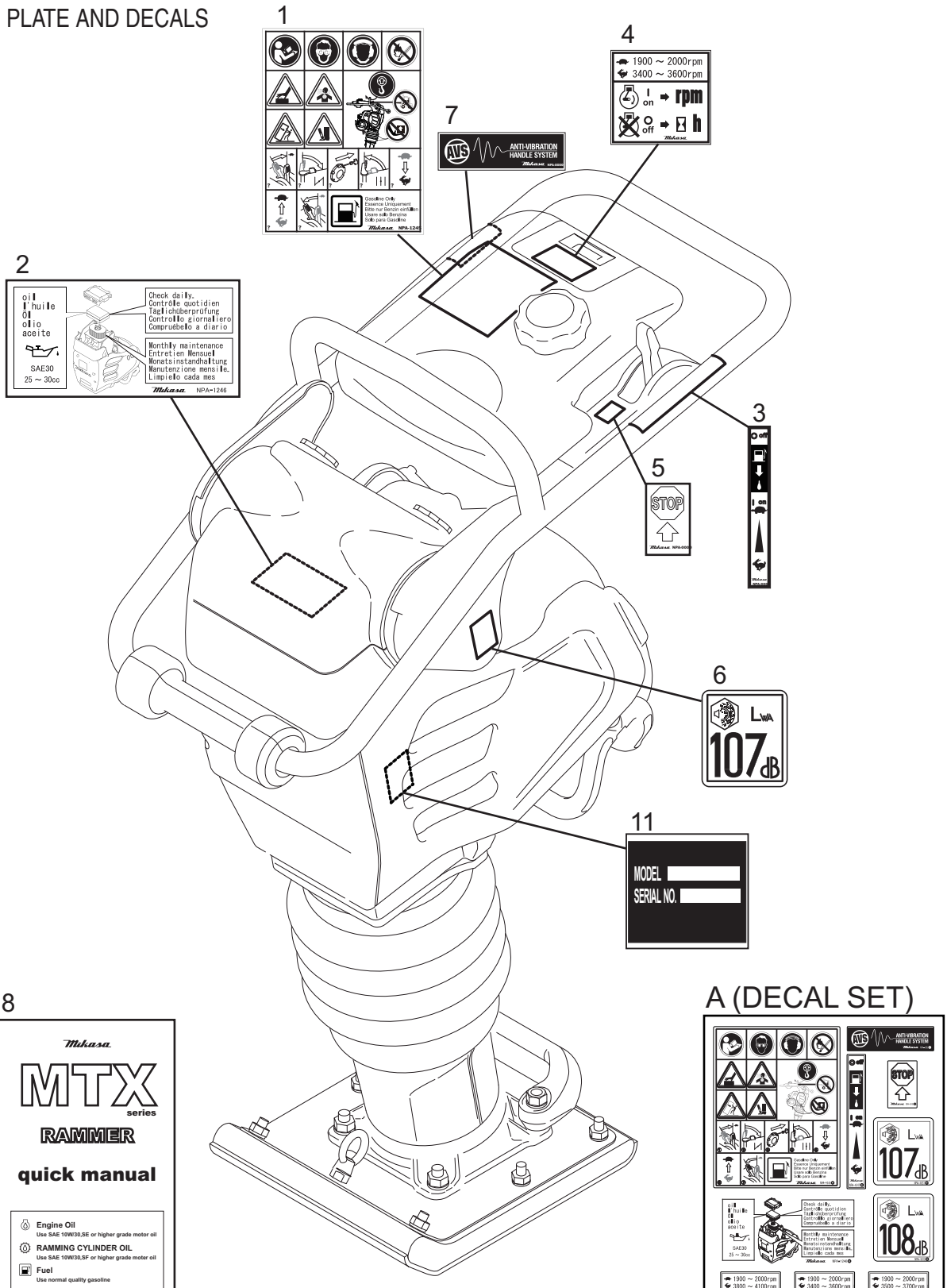
MTX70 RAMMER 1 TO 3 UNITS WITH HONDA GX100UKRBF ENGINE

Qty.	P/N	Description
1	956100062	THROTTLE WIRE
3	366010070	SECONDARY ELEMENT, AIR CLEANER
3	366010080	PRIMARY ELEMENT, AIR CLEANER
1	366900020	CAP, FUEL TANK W/ STRAP
2	16910Z4ES21	FILTER, IN-LINE FUEL
3	9805655757	SPARK PLUG
1	959300770	STRAINER, FUEL TANK
1	28462Z0DV02	ROPE, RECOIL STARTER
1	28461ZH8003	GRIP, KNOB

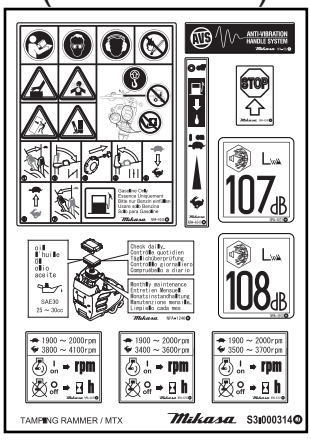
NOTICE

Part numbers on this Suggested Spare Parts List may supersede/replace the P/N shown in the text pages of this book

NAME PLATE AND DECALS



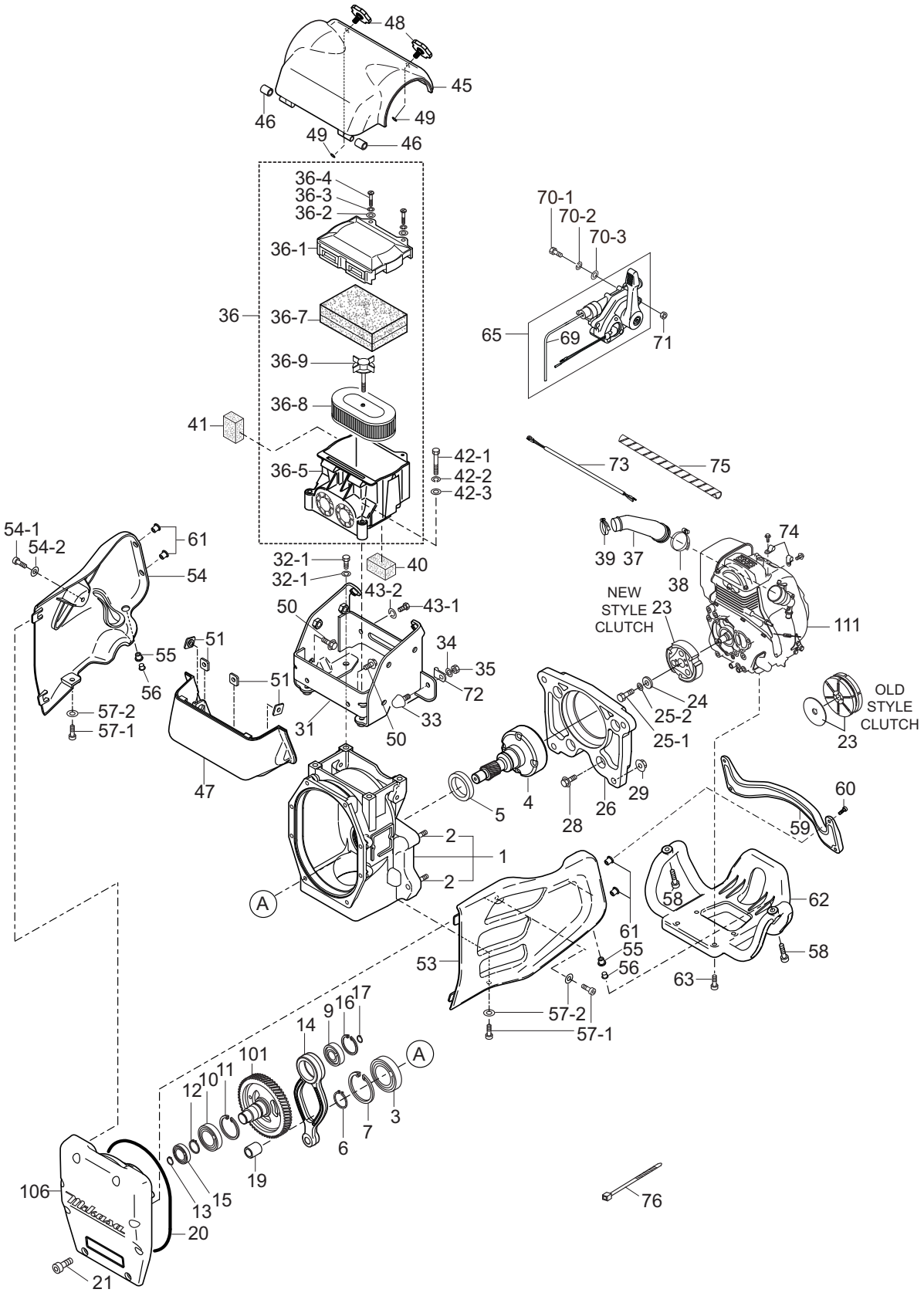
A (DECAL SET)



NAME PLATE AND DECALS

NO	PART NO	PART NAME	QTY.	REMARKS
A	920900040	DECAL SET	1	INCLUDES ITEMS W/ #
1#		DECAL: OPERATION	1	
2#		DECAL: AIR CLEANER	1	
3#		DECAL: LEVER OPERATION	1	
4#		DECAL: MAX SPEED	1	
5#		DECAL: MACHINE STOP	1	
6#		DECAL: EC NOISE REQ	1	
7#		DECAL: ANTI-VIB HANDLE	1	
8	920212540	QUICK MANUAL	1	
11		DECAL: NAMEPLATE	1	CONTACT MQ PARTS DEPT W/ SERIAL NO.

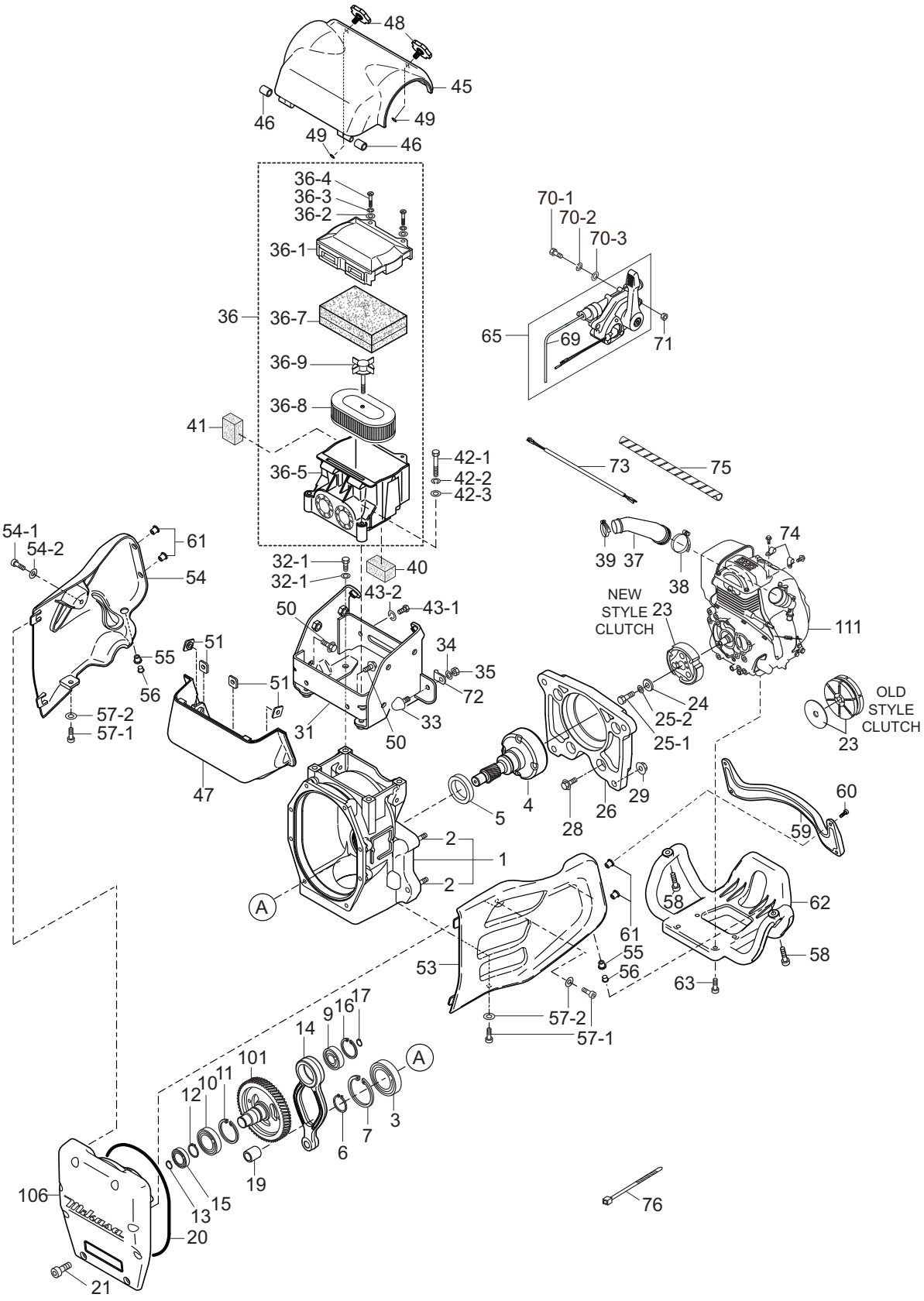
CRANKCASE AND ENGINE ASSY.



CRANKCASE AND ENGINE ASSY.

NO.	PART NO.	PART NAME	QTY.	REMARKS
1	366910010	CRANK CASE	1	INCLUDES ITEMS W/ $
2$	009120204	STUD BOLT 10 X 30	4	
3	041006007	BEARING 6007Z	1	
4	366345170	DRUM, PINION	1	
5	060404010	OIL SEAL TC-40528	1	
6	080200350	STOP RING S-35	1	
7	080100620	STOP RING R-62	1	
9	040006304	BEARING 6304	1	
10	040006207	BEARING 6207	1	
11	080100720	STOP RING R-72	1	
12	080200350	STOP RING S-35	1	
13	080200250	STOP RING S-25	1	
14	366345230	CONNECTING ROD	1	
15	040006304	BEARING 6304	1	
16	080100520	STOP RING R-52	1	
17	080200200	STOP RING S-20	1	
19	047940060	NEEDLE BEARING FJ-1816	1	
20	050710080	O-RING	1	
21	001520825	SOCKET HEAD BOLT 8X25 T	8	
23	366346210	CLUTCH ASSY	1	S/N S-1390 AND BELOW
23	366348550	CLUTCH ASSY	1	S/N S-1391 AND ABOVE
24	952401450	WASHER, 5X22X3	1	
25-1	001220825	BOLT 8X25 T	1	
25-2	030208200	WASHER, LOCK M8	1	
26	366217180	FLANGE, ENGINE	1	
28	001710830	FLANGE BOLT 8X30	4	
29	022611010	FLANGE NUT M10	4	
31	366346280	BRACKET, SHOCK ABSORBER	1	
32-1	001211030	BOLT 10X30	4	
32-2	030210250	WASHER, LOCK M10	4	
33	939010270	STOPPER RUBBER (70)	1	
34	030208200	WASHER, LOCK M8	1	
35	020308060	NUT M8	1	
36	366900010	AIR CLEANER ASSY.	1	INCLUDES ITEMS W/ #
36-1#	366010010	AIR CLEANER COVER CP	1	
36-2#	366010020	WASHER, FLAT M6	2	
36-3#	366010030	WASHER, LOCK M6	2	
36-4#	366010040	COIN BOLT M6	2	
36-5#	366010050	BASE CP, AIR CLEANER	1	
36-7#	366010070	PRIMARY ELEMENT CP	1	
36-8#	366010080	SECONDARY ELEMENT	1	
36-9#	366030040	GRIP BELT CP	1	
37	366345470	PIPE, INTAKE	1	
38	954407681	CYCLONE CLAMP (CY-1) 45	1	
39	954407682	CYCLONE CLAMP (CY-1) 38	1	
40	366460160	SEALING FORM, UNDER	1	
41	366460150	SEALING FORM, SIDE	1	

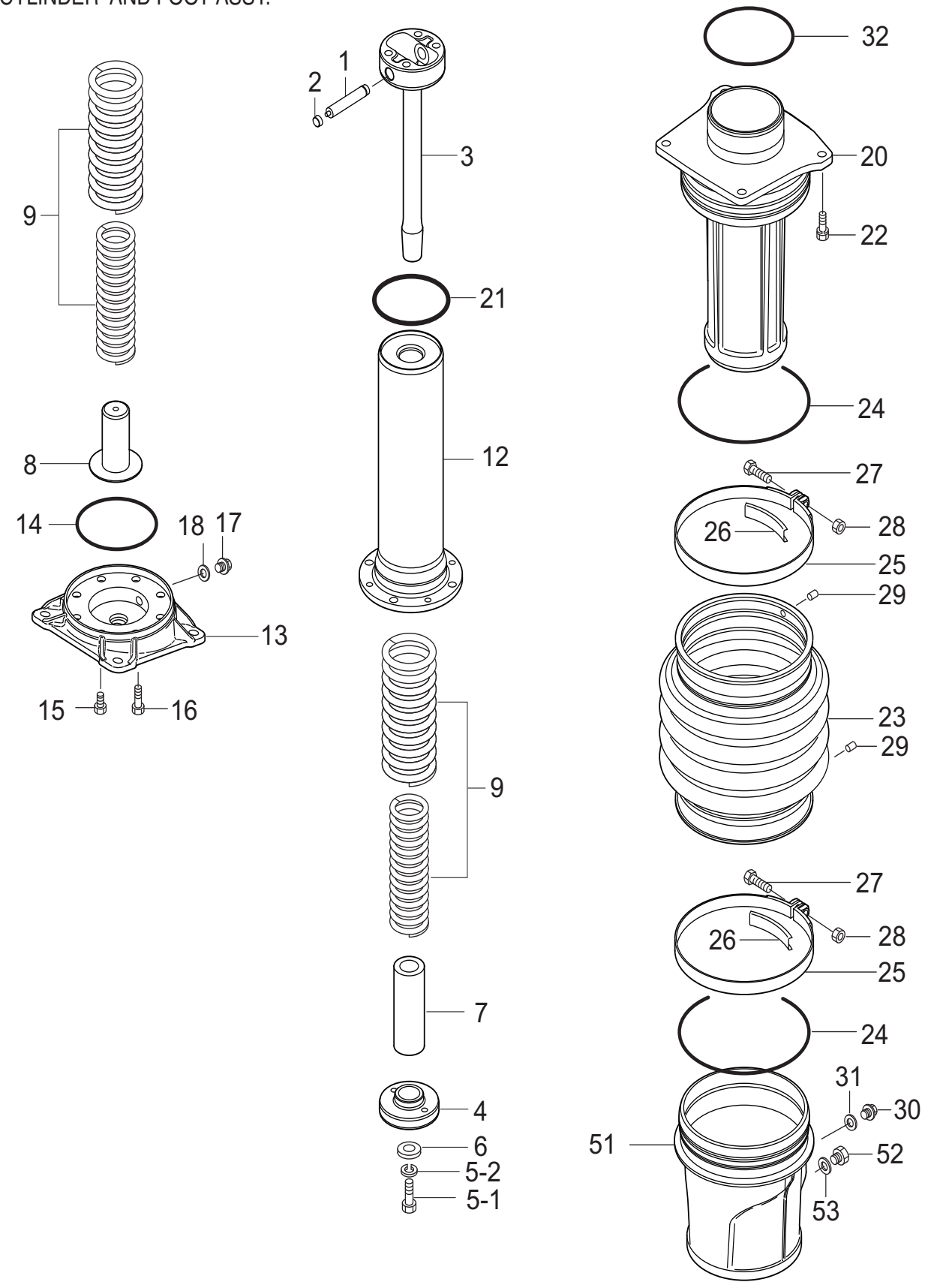
CRANKCASE AND ENGINE ASSY.



CRANKCASE AND ENGINE ASSY.

NO.	PART NO.	PART NAME	QTY.	REMARKS
42-1	001220851	BOLT 8X55 T	2	
42-2	030208200	WASHER, LOCK M8	2	
42-3	031108160	WASHER, FLAT M8	2	
43-1	001210815	BOLT 8X15	2	
43-2	030208200	WASHER, LOCK M8	2	
45	366217340	COVER, CLEANER (UPPER)	1	
46	366460140	RUBBER BUSH 10X16X17	2	
47	366217350	COVER, CLEANER (LOWER)	1	
48	366345980	KNOB, CLEANER COVER	2	
49	050200060	O-RING P6	2	
50	009110040	FLANGE BOLT 8X20	4	
51	959407670	SQUARE NUT M8	4	
53	366118890	GUARD, LINK	1	
54	366118900	GUARD, MUFFLER	1	
55	022910260	WELL NUT, M8	2	
56	366460170	FLANGE COLLAR 8	2	
57-1	001520820	SOCKET HEAD BOLT 8X20 T	4	
57-2	031108160	WASHER, FLAT M8	4	
58	009110038	SOCKET HEAD BOLT 8X30 ZN	2	
59	366217360	EX BAR	1	
60	009110039	SOCKET HEAD BOLT 6X25 ZN	4	
61	022910250	WELL NUT M6	4	
62	366118910	GUARD, ENGINE	1	
63	009110038	SOCKET HEAD BOLT 8X30 ZN	4	
65	366900032	COMBINATION LEVER ASSY W/ WIRE	1	INCLUDES ITEMS W/@
69@	956100062	THROTTLE WIRE	1	
70-1	001220620	BOLT 6X20 T	2	
70-2	030206150	WASHER, LOCK M6	2	
70-3	031106100	WASHER, FLAT M6	2	
71	020306050	NUT M6	2	
72	959006120	CLIP (TCP2-10509B)	1	
73	366460110	WIRE HARNESS	1	
74	2067550101	CLAMP	2	
75	959021810	SPIRAL TUBE KEP6/L=500	1	
76	454010020	CLAMP, TC-100	3	
101	366345190	CRANK GEAR	1	
106	366010110	FRONT COVER	1	S/N S-1392 AND BELOW
106	366010111	FRONT COVER	1	S/N S-1393 AND ABOVE
111	912210012	ENGINE, GX100UKRBF	1	

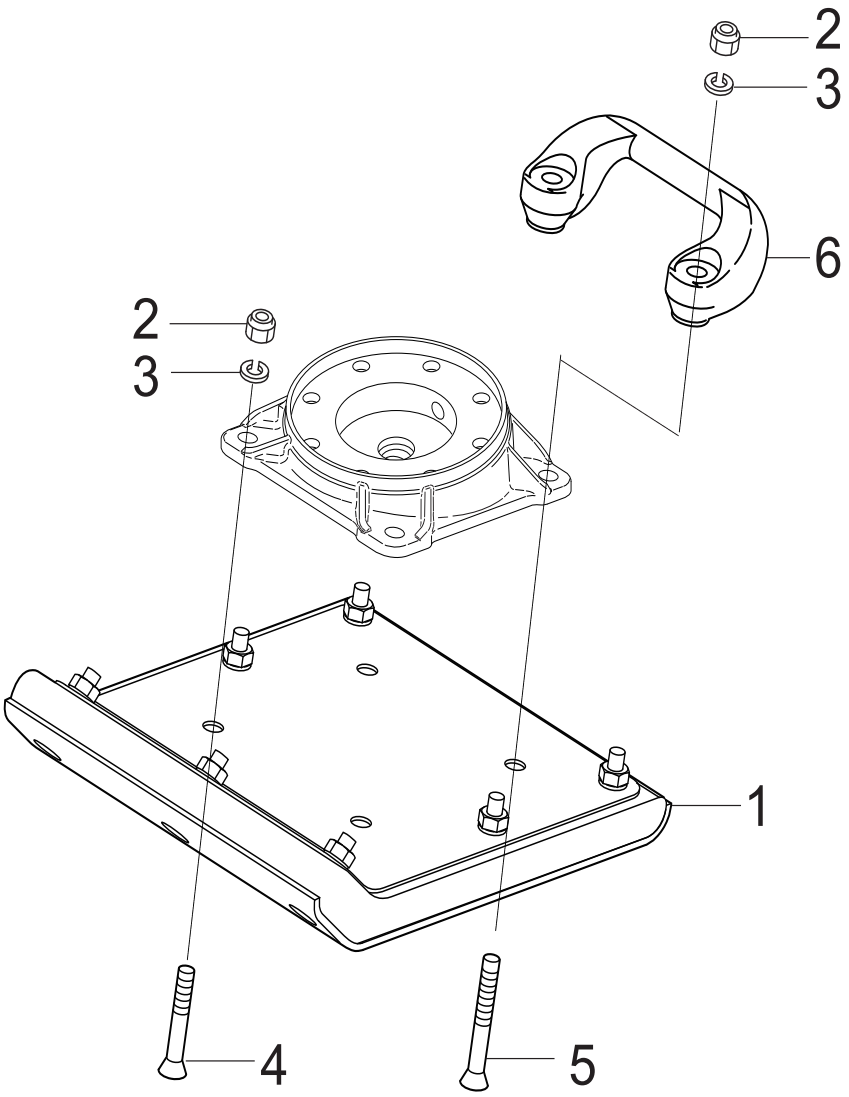
GUIDE CYLINDER AND FOOT ASSY.



GUIDE CYLINDER AND FOOT ASSY.

NO.	PART NO.	PART NAME	QTY.	REMARKS
1	366460100	PISTON PIN	1	
2	366459910	PLUG, PISTON PIN0	2	
3	366346000	PISTON ROD	1	
4	371459690	PISTON END	1	
5-1	001221230	BOLT 12X30 T	1	
5-2	030212300	WASHER, LOCK M12	1	
6	952404790	WASHER 13306	1	
7	355447260	STOPPER, LOWER	1	
8	366459900	STOPPER, BOTTOM	1	
9	366459730	MAIN SPRING	2	
12	366345990	SPRING CYLINDER	1	
13	366217210	FOOT PLATE 12	1	
14	050100900	O-RING G-90	1	
15	001521020	SOCKET HEAD BOLT 10X20 T	4	
16	001521040	SOCKET HEAD BOLT 10X40 T	4	
17	953405270	PLUG 1/4X14 13L	1	
18	953405260	PACKING 1/4 (CU)	1	
20	366217440	GUIDE CYLINDER	1	
21	050710070	O-RING AS568-344	1	
22	002211035	BOLT 10X35 H,SW	4	
23	354010010	BELLOWS, ORANGE	1	
24	050931500	O-RING JASO3150	2	
25	354336352	BELLOWS CLAMP(1.6T)171D	2	
26	354442340	BAND GUIDE, BELLOWS	2	
27	001220840	BOLT 8X40 T	2	
28	020308060	NUT M8	2	
29	354446170	PIN 6D-8.5L	2	
30	953405270	PLUG 1/4X14 13L	1	
31	953405260	PACKING 1/4 (CU)	1	
32	050200950	O-RING P-95	1	
51	366118590	PROTECTION SLEEVE	1	
52	366460300	OIL GAUGE ASSY	1	
53	953404670	COPPER PACKING 17X25.5X1	1	

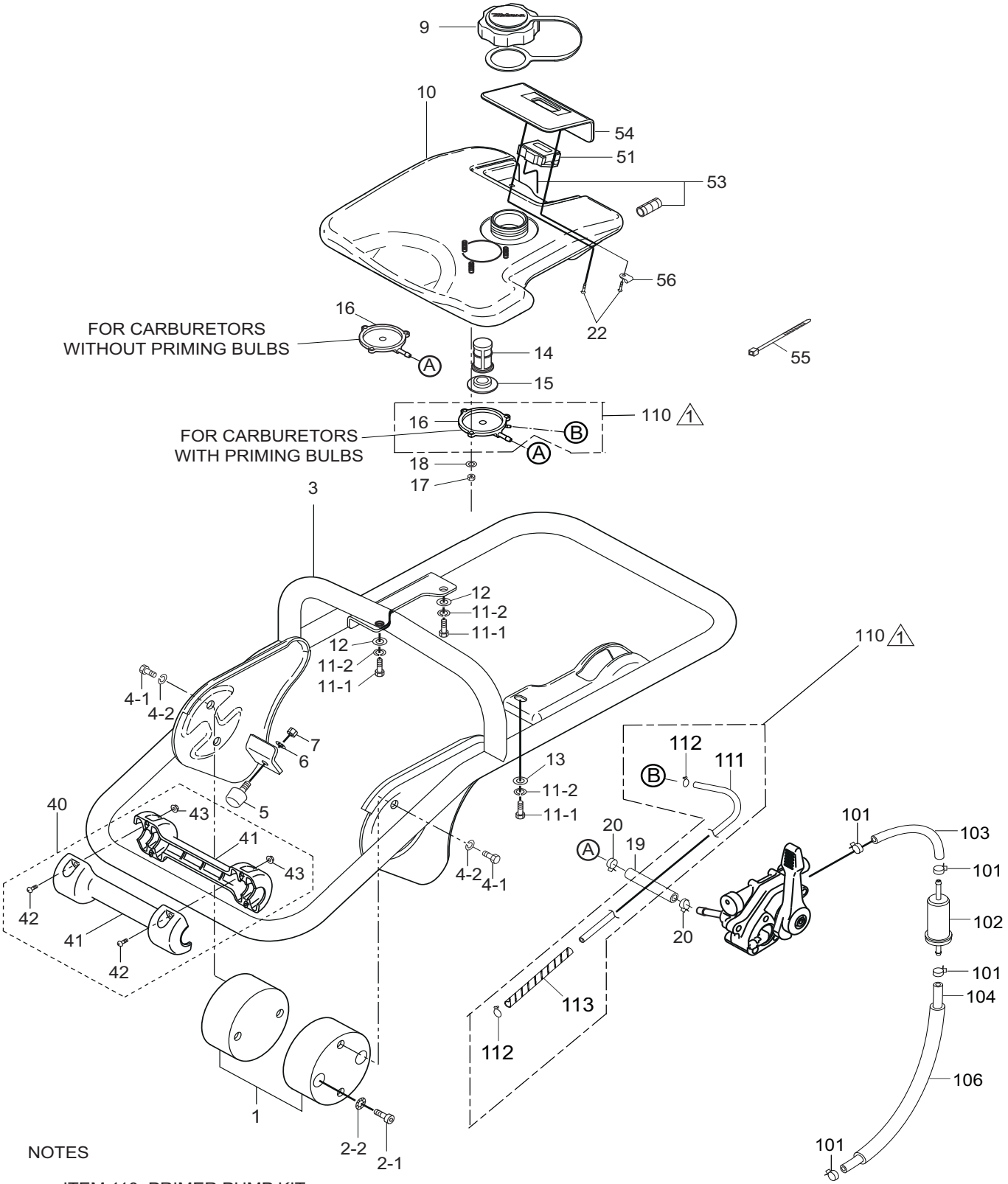
FOOT ASSY.



FOOT ASSY.

NO.	PART NO.	PART NAME	QTY.	REMARKS
1	366910020	FOOT ASSY 285	1	
2	022711214	NYLON NUT M12	4	
3	030212300	WASHER, LOCK M12	4	
4	009110034	BOLT, SQUARE NECK 12X65	2	
5	009110035	BOLT, SQUARE NECK 12X95	2	
6	363343390	GRIP HANDLEBAR	1	

TANK AND HANDLE ASSY.



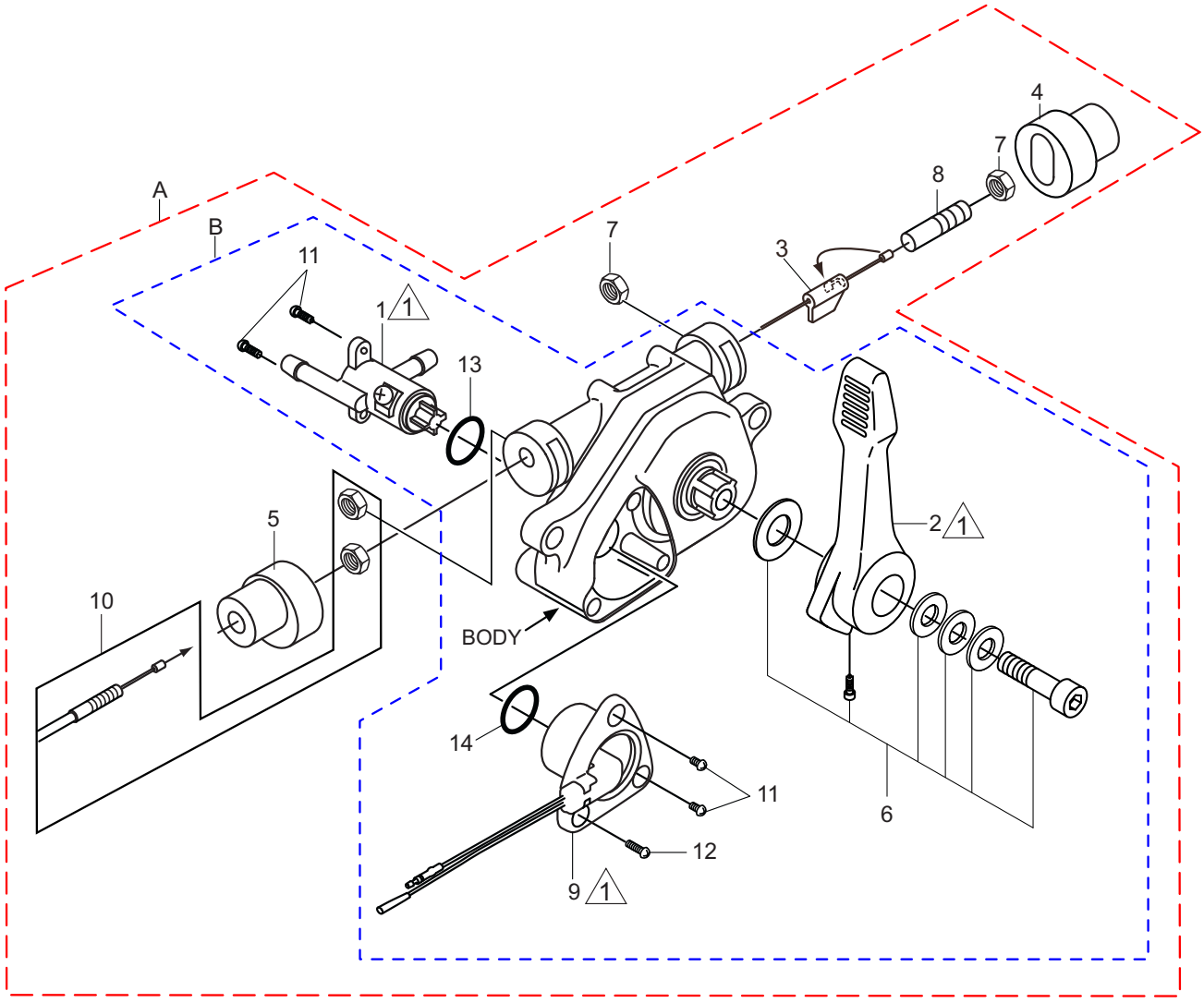
NOTES

1 ITEM 110, PRIMER PUMP KIT, FOR USE ON UNITS WITH S/N T-3363 AND ABOVE

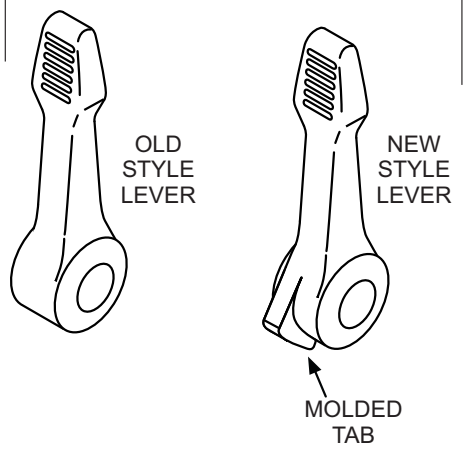
TANK AND HANDLE ASSY.

NO.	PART NO.	PART NAME	QTY.	REMARKS
1	366346270	SHOCK ABSORBER W/PIN	2	
2-1	001521020	SOCKET HEAD BOLT 10 X 20 T	4	
2-2	033121009	TOOTHED LOCK WASHER B M10	4	
3	366119040	HANDLE / MTX70	1	
4-1	001211020	BOLT 10 X 20 H	4	
4-2	030210250	WASHER, LOCK M10	4	
5	939010270	STOPPER RUBBER (70)	1	
6	030208200	WASHER, LOCK M8	1	
7	020308060	NUT M8	1	
9	366900020	CAP ASSY, FUEL TANK	1	
10	366118700	FUEL TANK / MTX70	1	
11-1	001210815	BOLT 8X15 H	3	
11-2	030208200	WASHER, LOCK M8	3	
12	952401450	WASHER 8.5 X 22 X 3	2	
13	031108160	WASHER, FLAT M8	1	
14	954406010	STRAINER #110	1	
15	366459790	PACKING, FUEL TANK	1	
16	366345280	HOLDER, FILTER	1	S/N T-3362 AND BELOW
16%	366349420	HOLDER, FILTER W/V	1	S/N T-3363 AND ABOVE
17	020305040	NUT M5	3	
18	030205130	WASHER, LOCK M5	3	
19	959026122	FUEL HOSE L=70	1	
20	954406420	HOSE BAND 10.5	2	
22	009110037	TAPPING SCREW 5 X 20	2	
40	366910030	ROLLER ASSY W/SCREW	1	INCLUDES ITEMS W/#
41#	366217170	ROLLER	2	
42#	091005020	SCREW 5 X 20	4	
43#	022610505	FLANGE NUT M5 H	4	
51	955010311	TP22 TACHO/HOUR METER	1	
53	955010305	CURL CORD TP22	1	
54	366345620	FINISHER,METER	1	
55	454010020	CLAMP TC100	5	
56	954010270	CLIP AB-3N	1	
101	954406420	HOSE BAND 10.5	4	
102	16910Z4ES21	STRAINER, FUEL	1	
103	959026103	FUEL HOSE 5.5 X 11.5 X 80	1	
104	950014500150M	FUEL HOSE (1M)	1	
106	950033606020	TUBE, VINYL L260	1	
110	366900060	PRIMER PUMP KIT / NO CARB	1	INCLUDES ITEMS W/% S/N T-3363 AND ABOVE
111%	959028301	RETURN HOSE 3 X 6 X 600	1	S/N T-3363 AND ABOVE
112%	954408170	HOSE CLIP	5	S/N T-3363 AND ABOVE
113%	959021814	SPIRAL TUBE 6D-200L	1	S/N T-3363 AND ABOVE

COMBINATION LEVER ASSY.



DETAIL C



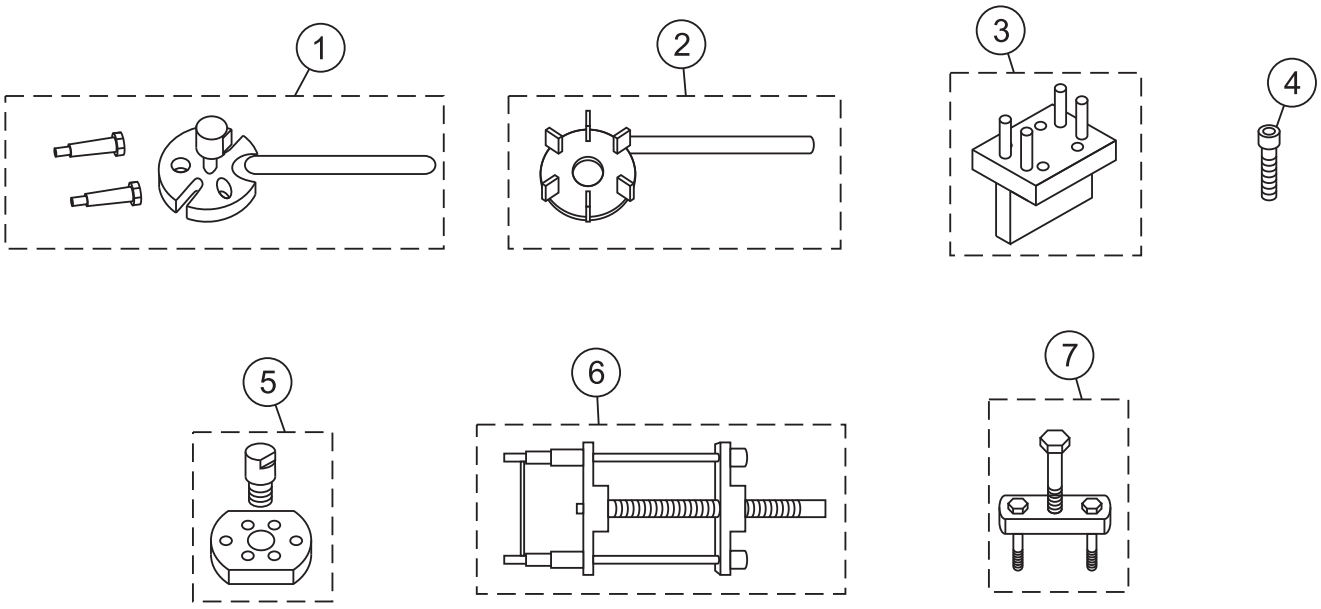
NOTES:

1 ITEMS 1, 2 AND 9 ARE NO LONGER AVAILABLE (NLA) FOR OLD STYLE LEVER, ***MUST*** ORDER ITEM A OR B. TO DETERMINE WHAT TYPE LEVER, REFERENCE **DETAIL C**, NEW STYLE LEVER HAS MOLDED TAB AT BOTTOM.

COMBINATION LEVER ASSY.

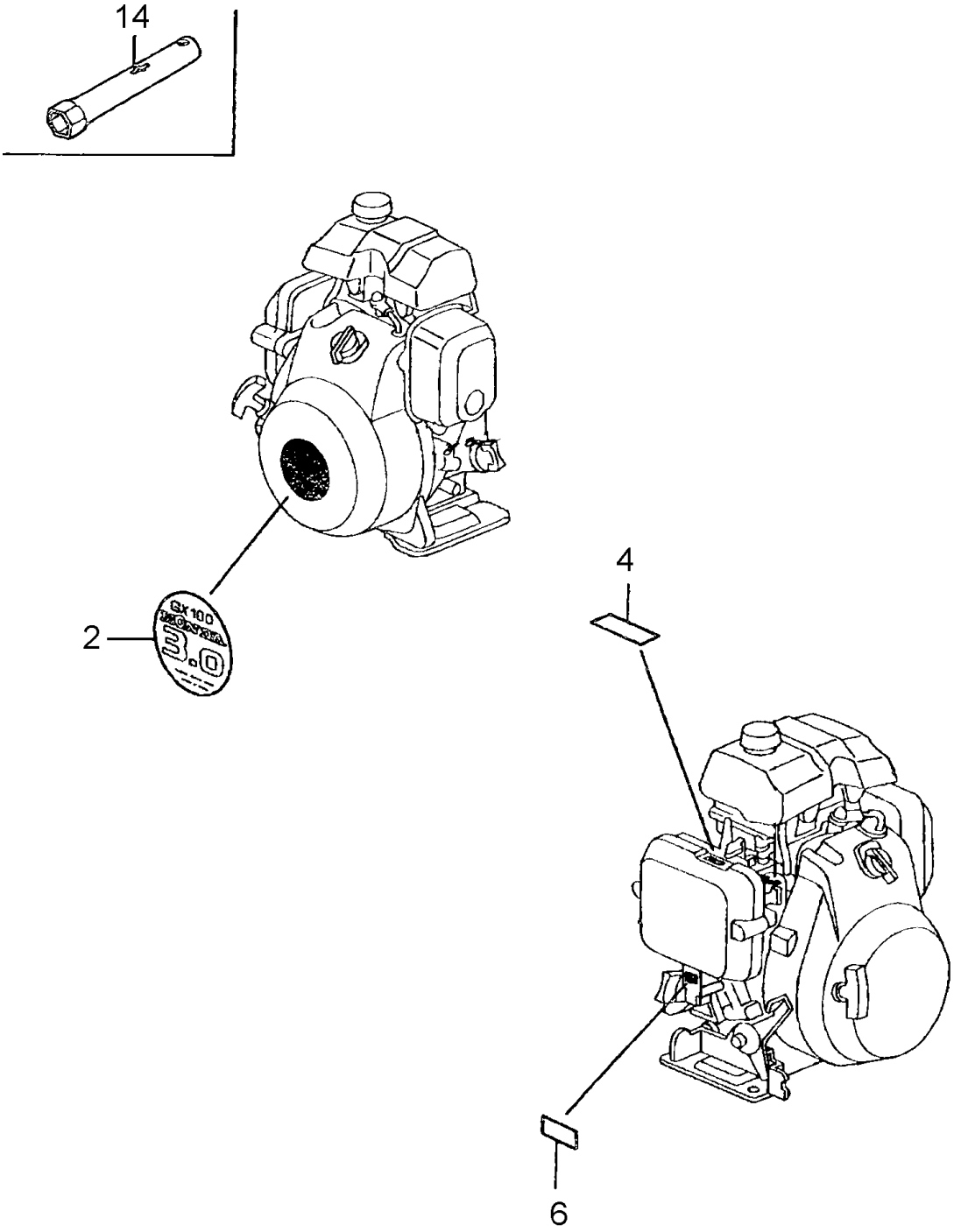
NO.	PART NO.	PART NAME	QTY.	REMARKS
A	366900032	COMB. LEVER W/ THROTTLE WIRE	1	INCLUDES ITEMS W/@
B	956200110	COMB. LEVER W/OUT THROTTLE WIRE	1	INCLUDES ITEMS W/ #
1@#	366346260	FUEL COCK, OLD STYLE	1	NLA, MUST ORDER ITEM A OR B
1@#	366349430	FUEL COCK, NEW STYLE	1	
2@#	366010180	LEVER, OLD STYLE	1	NLA, MUST ORDER ITEM A OR B
2@#	366010310	LEVER, NEW STYLE (MOLDED TAB)	1	
3@	366010190	SLIDER	1	
4@	366010200	END CAP	1	
5@	366010210	WIRE CAP	1	
6@#	366010220	BOLT AND WASHER SET	1	
7@	020408050	NUT M8, H=5	2	
8@	959407650	SOCKET HEAD SCREW/TH.WIRE	1	
9@#	366010260	STOP SWITCH, OLD STYLE	1	NLA, MUST ORDER ITEM A OR B
9@#	366010320	STOP SWITCH, NEW STYLE	1	
10@	956100062	THROTTLE WIRE	11	
11@#	094010051	TAPPING SCREW B1 4X12	4	
12@#	094010052	TAPPING SCREW B1 4X30	1	
13@#	050200150	O-RING, P15	1	
14@#	050200110	O-RING, P11	1	

TOOLS



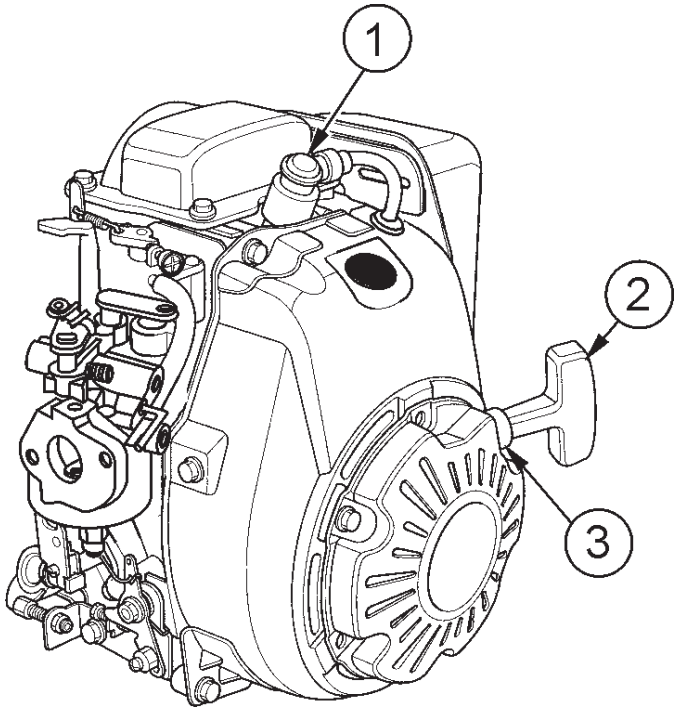
TOOLS

NO.	PART NO.	PART NAME	QTY.	REMARKS
1	981010400	CLUTCH PULLER A	1	
2	983010060	CLUTCH MOUNTER	1	
3	983910090	PISTON ROD HOLDER	1	
4	009110044	SOCKET HEAD BOLT 8X50 (FULL THREAD) CRANK GEAR REMOVER	2	
5	983910020	CLUTCH PULLER B	1	
6	983010040	SPRING CYLINDER REMOVER	1	
7	983910010	PISTON END REMOVER	1	


14
2
4
6

LABELS ASSY.

NO.	PART NO.	PART NAME	QTY.	REMARKS
2	87521Z0DV01	LABEL, TRADE MARK	1	
4	87528Z0D000	MARK, CHOKE	1	
6	87601Z4ES30	MARK, TYPE (KRBF)	1	
14	89216130690	WRENCH, SPARK PLUG	1	


1
2
3

NO.	PART NO.	PART NAME	QTY.	REMARKS
1	9805655757	SPARK PLUG	1	
2	28461ZH8003	GRIP, KNOB	1	
3	28462Z0DV02	ROPE, RECOIL STARTER	1	

PARTS MANUAL

HERE'S HOW TO GET HELP

PLEASE HAVE THE MODEL AND SERIAL NUMBER ON-HAND WHEN CALLING

UNITED STATES

Multiquip Inc.

(310) 537- 3700
6141 Katella Avenue Suite 200
Cypress, CA 90630
E-MAIL: mq@multiquip.com
WEBSITE: www.multiquip.com

CANADA

Multiquip

(450) 625-2244
4110 Industriel Boul.
Laval, Quebec, Canada H7L 6V3
E-MAIL: infocanada@multiquip.com

UNITED KINGDOM

Multiquip (UK) Limited Head Office

0161 339 2223
Unit 2, Northpoint Industrial Estate,
Globe Lane,
Dukinfield, Cheshire SK16 4UJ
E-MAIL: sales@multiquip.co.uk

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