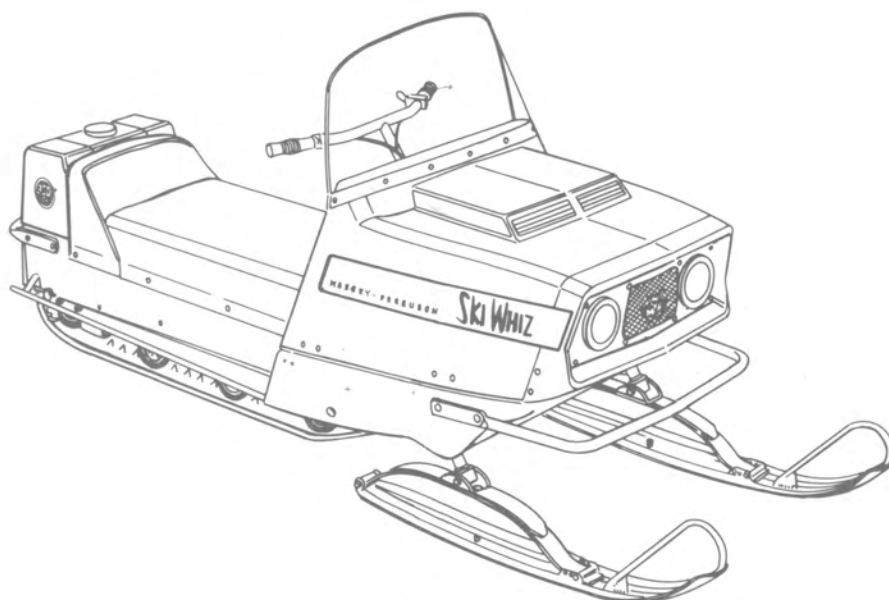


71-8

PARTS BOOK

300_s/350_{ss}/500_{sst} SKI WHIZ



300s	SERIAL NUMBER 1647 100 001 AND UP
350ss	SERIAL NUMBER 1647 300 001 AND UP
500sst	SERIAL NUMBER 1647 500 001 AND UP

NORTH AMERICAN PARTS OPERATIONS
Massey-Ferguson Inc.

GENERAL INFORMATION

THIS BOOK IS PRINTED IN TWO SECTIONS. THE FIRST SECTION CONTAINS A PICTORIAL AND A GROUP INDEX PLUS A NUMERICAL INDEX OF ALL PART NUMBERS INCLUDED IN THIS BOOK. THE PAGES IN THIS SECTION ARE NUMBERED WITH ROMAN NUMERALS.

THE SECOND SECTION INCLUDES A PART NUMBER LISTING REFERENCED TO ITEM NUMBERS ON THE ILLUSTRATED PAGE DIRECTLY OPPOSITE. PAGES IN THIS SECTION ARE NUMBERED WITH ARABIC NUMERALS.

THE PAGE NUMBERS APPEAR IN THE UPPER OUTER CORNER OF THE PAGE. PARTS BOOK NUMBER AND DATE APPEAR IN THE LOWER RIGHT HAND CORNER OF THE PAGE. THE PART NUMBER LISTING PAGE WILL ALSO CARRY THE MACHINE NAME TO ASSIST IN IDENTIFYING THE MACHINE TO WHICH THE PARTS BOOK APPLIES.

WHEN CHANGES TO THE MACHINE MAKE IT NECESSARY, REVISED PAGES FOR THIS BOOK WILL BE ISSUED. THE REVISED PAGES WILL BE ISSUED WITH THE SAME PAGE NUMBER AS THOSE THEY REPLACE AND THE "ISSUE" NUMBER AND DATE WILL BE ADVANCED. NEW PAGES WILL CARRY AN EXISTING PAGE NUMBER WITH AN ALPHABETICAL SUFFIX.

FROM TIME TO TIME CHANGE INFORMATION WILL BE ISSUED IN THE FORM OF A "PARTS RELEASE AND CHANGE BULLETIN". INFORMATION FROM THESE BULLETINS SHOULD BE ENTERED IN THE PROPER PAGES AS SOON AS THE BULLETINS ARE RECEIVED.

WHENEVER A PAGE OF THIS BOOK IS RE-ISSUED, THE CURRENT PAGE LISTING WILL ALSO BE RE-ISSUED. THIS LISTING WILL SHOW THE ISSUE NUMBER AND DATE OF ISSUE OF EACH PAGE AS A CHECK SHEET COVERING THE ENTIRE BOOK.

IT IS IMPERATIVE THAT REVISED PARTS BOOK PAGES BE INSERTED INTO THEIR RESPECTIVE PARTS BOOKS AS SOON AS RECEIVED. FAILURE TO DO SO WILL LEAD TO CONFUSION AND DEFEAT THE PURPOSE OF THE BOOK.

INDENTED PARTS IN THE DESCRIPTIVE LIST ARE A PART OF THE PRECEDING ASSEMBLY OF SUB-ASSEMBLY.

THE QUANTITY SHOWN IN THE "NUMBER REQUIRED" COLUMN IS THE NUMBER OF PARTS USED ON A MACHINE EXCEPT WHERE PARTS ARE INDENTED IN DESCRIPTIVE LIST. IN THIS CASE THE QUANTITY SHOWN IS THE NUMBER REQUIRED FOR THE PRECEDING ASSEMBLY OR SUB-ASSEMBLY.

FOR CERTAIN PARTS SUCH AS BOLTS, NUTS, WASHERS, SHIMS, ETC. AN "X" WILL BE SHOWN IN THE "NUMBER REQUIRED" COLUMN. THIS "X" INDICATES THAT THE QUANTITY TO BE USED IS "AS REQUIRED".

ALWAYS CHECK ILLUSTRATION AND NUMBER LISTING PAGE BEFORE ORDERING. NEVER ORDER FROM ILLUSTRATION ALONE.

FOREWORD

MASSEY-FERGUSON TRACTORS, COMBINES,
BALERS AND IMPLEMENTS ARE DESIGNED AND BUILT
FOR MAXIMUM PERFORMANCE AND LONG LIFE. ALL
SERVICE PARTS ARE MANUFACTURED WITH THE SAME
CARE AND PRECISION EXERCISED IN PRODUCTION.



STOCK AND SELL ONLY MASSEY-FERGUSON PARTS

YOUR CUSTOMER EXPECTS IT OF YOU

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300S SKI WHIZ

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100371 thru 100488
100842 thru 100897
101147 thru 101148
101152 thru 101201
101471 thru 101497
101504 thru 101515
101524 thru 101583
101916 thru 101918
101973 thru 102395
102453 thru 102515
102897 thru 102926
102933 thru 103066
103068 thru 103070
103077 thru 103100
103304 thru 103376
103387 thru 103797
104154 (one unit)
104810 thru 104838

521 945 M91 AND 521 946 M91

100001 thru 100020
100176 thru 100370
100489 thru 100841
100898 thru 101146
101149 thru 101151
101202 thru 101470
101498 thru 101503
101516 thru 101523
101584 thru 101915
101919 thru 101972
102396 thru 102452
102516 thru 102896
102927 thru 102932
103067 (one unit)
103071 thru 103076
103101 thru 103303
103377 thru 103386
103798 thru 104153
104155 thru 104809
104839 thru 105162

350SS SKI WHIZ

522 052 M91 AND 522 053 M91

300152 thru 300221
300511 thru 300701
301142 thru 301169
301255 thru 301323
301392 thru 301400
301408 thru 301636
301864 thru 301988
301995 thru 302000
302018 thru 302027

521 945 M91 AND 521 946 M91

300001 thru 300151
300222 thru 300510
300702 thru 301141
301170 thru 301254
301324 thru 301391
301401 thru 301407
301637 thru 301863
301989 thru 301994
302001 thru 302017

500SST SKI WHIZ

522 052 M91 AND 522 053 M91

500001 thru 500022
500093 thru 500130
500369 thru 500375
500733 thru 500861
501039 thru 501048
501054 thru 501109
501149 thru 501151
501190 thru 501205
501363 thru 501563
501570 thru 501583
501710 thru 501723
501737 thru 501803
501805 thru 501883
501918 (one unit)
501930 thru 501994
502006 thru 502010
502154 thru 502306
502349 thru 502358
502507 thru 502535
502537 (one unit)

521 945 M91 AND 521 946 M91

500023 thru 500092
500131 thru 500368
500376 thru 500732
500862 thru 501038
501049 thru 501053
501110 thru 501148
501152 thru 501189
501206 thru 501362
501564 thru 501569
501584 thru 501709
501724 thru 501736
501804 (one unit)
501884 thru 501917
501919 thru 501929
501995 thru 502005
502011 thru 502153
502307 thru 502348
502359 thru 502506
502536 (one unit)
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II(B)

MF SKI WHIZ

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10012 A91	43	353897 X1	12	366836 X1	7	519582 M1	16
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18563 X	20	353978 X1	4	366856 X1	15	519635 M1	8
19963 X	3	353983 X1	36	366857 X1	7	519636 M91	8
22796 X	15	353990 X1	7	366891 X1	7,015	519637 M91	8
27592 X	4	354050 X1	12	367046 X1	3	519650 M91	8
29043 X	12	354057 X1	3	367079 X1	3,007	519651 M91	8
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187531 M91	8,043	354625 X1	16	367091 X1	15	519739 M1	11
194394 M1	8	355564 X1	4,007,039	367092 X1	3,007	519749 M1	11
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195414 M1	7	355565 X1	7,011,016	367216 X1	36	519759 M1	3
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195454 M1	12	355566 X1	4,007	367218 X1	12	519792 M91	43
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196363 M1	7	355637 X1	12	375109 X1	12	519798 M1	39,043
339030 X1	19,027	355802 X1	7	375111 X1	16	519802 M1	43
339096 X1	8	355933 X1	8	375213 X1	35	519803 M91	43,044
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339375 X1	19,023,024	358681 X1	35	391005 X1	19	519966 M2	16
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339761 X1	4,027,043	363723 X1	16	505214 M1	8	520518 M2	8
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1 038547 M1	28	1 038645 M1	35	1 441715 X1	28		
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18563 X	20	364352 X1	7,011	520187 M91	7	522084 M1	11
29043 X	12	364869 X1	7,036	520285 M2	7	522092 M1	7
29047 X	12	364942 X1	7	520359 M1	11	522093 M91	8
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239819 M1	8	366579 X1	8	520789 M1	8	522113 M1	11
339030 X1	19,027	366606 X1	7	520804 M91	8	522119 M1	8
339096 X1	8	366727 X1	7	521060 M1	7	522124 M1	11
339169 X1	19,020,027	366788 X1	7	521154 M1	11	522135 M1	11
	28,031	366835 X1	7	521509 M1	8	522175 M1	7
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339279 X1	8	366857 X1	7	521651 M1	7	522195 M1	11
339243 X1	20	366891 X1	7	521653 M1	7	522219 M1	11
339375 X1	19,023,024	367079 X1	7	521663 M1	7	522221 M91	11
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339376 X1	20,028	367150 X1	36	521667 M1	7	522260 M1	11
339378 X1	20,028	367218 X1	12	521678 M1	7,008	522291 M91	7
339381 X1	23,031	367265 X1	12	521685 M91	7	522329 M1	12,036
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339433 X1	27,028	3675108 X1	12	521705 M91	19	522814 M91	8
339560 X1	27,031	367345 X1	19	521707 M91	27	522823 M1	8
339666 X1	23,024	391734 X1	28	521709 M91	7	832302 M1	7,008,011
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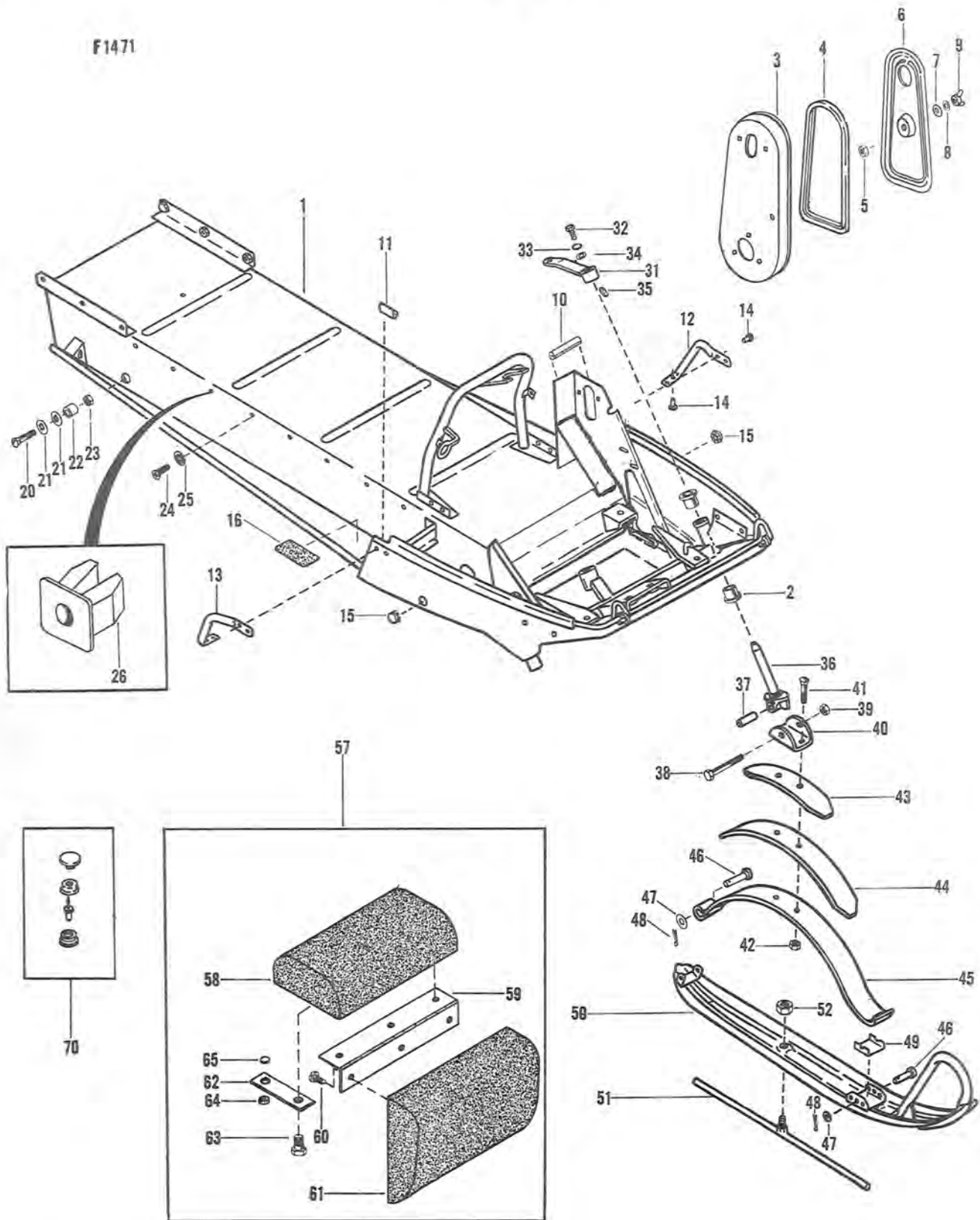
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832302 M1	8,011,015	1 037502 M1	35	1 038564 M1	31	1 038732 M91	12
	16	1 037503 M1	35	1 038565 M1	31	1 038733 M91	12
833341 M1	15	1 037505 M91	35	1 038566 M1	31	1 038734 M1	12
834868 M91	15	1 037507 M1	35	1 038567 M1	31	1 038735 M1	12
836579 M91	35	1 037508 M1	35	1 038568 M1	27	1 038736 M1	12
836580 M91	35	1 037514 M1	35	1 038569 M1	27	1 038742 M1	35
1 009699 M1	8	1 037518 M1	35	1 038570 M1	27	1 038749 M1	12
1 031851 M1	8	1 037522 M1	35	1 038571 M91	27	1 038750 M1	12
1 035344 M91	8	1 037526 M1	35	1 038572 M1	27	1 038751 M1	12
1 036979 M1	23	1 037529 M1	35	1 038573 M1	27	1 038752 M1	12
1 036981 M1	23	1 037531 M1	35	1 038574 M1	27	1 038753 M1	12
1 036986 M1	27	1 037534 M1	27	1 038575 M91	32	1 038754 M1	12
1 036988 M1	24	1 037535 M1	28	1 038576 M1	32	1 038755 M1	12
1 036989 M1	24	1 037605 M1	35	1 038577 M1	32	1 038756 M1	12
1 036990 M2	24,032	1 037606 M1	35	1 038579 M1	32	1 038757 M1	12
1 036991 M91	24,032	1 037609 M1	35	1 038580 M1	32	1 038758 M1	12
1 036992 M1	24,032	1 037610 M1	35	1 038581 M1	32	1 038759 M91	12
1 036993 M1	24,032	1 037612 M91	35	1 038582 M91	32	1 038761 M1	12
1 036994 M1	24,032	1 037741 M91	35	1 038583 M1	32	1 038782 M91	40
1 036995 M1	24,032	1 037769 M91	35	1 038610 M1	23	1 038783 M1	40
1 036998 M1	24,032	1 038054 M1	23,031	1 038611 M1	23	1 038784 M91	40
1 037001 M1	24	1 038055 M1	23	1 038612 M91	27	1 038785 M1	40
1 037003 M1	24	1 038056 M1	23	1 038613 M1	31	1 038786 M1	40
1 037004 M1	24	1 038057 M1	23	1 038614 M1	31	1 038787 M91	40
1 037006 M1	24	1 038058 M1	23	1 038615 M1	32	1 038788 M1	40
1 037017 M1	27	1 038059 M1	23	1 038619 M1	31	1 038789 M91	40
1 037019 M1	28	1 038060 M1	23,031	1 038620 M1	31	1 038790 M91	40
1 037024 M1	27,031	1 038061 M91	23	1 038621 M1	31	1 038791 M1	40
1 037026 M1	24,032	1 038266 M1	24,032	1 038622 M1	32	1 038792 M91	40
1 037031 M1	27	1 038267 M1	24,032	1 038624 M1	27	1 038793 M1	40
1 037042 M1	23,031	1 038268 M1	24,032	1 038625 M1	27	1 038794 M1	40
1 037104 M91	23	1 038269 M1	24,032	1 038626 M1	28	1 038795 M1	40
1 037105 M1	23	1 038471 M1	23	1 038627 M1	28	1 038796 M1	40
1 037106 M1	23	1 038472 M1	23	1 038628 M1	28	1 038797 M1	40
1 037107 M1	23	1 038474 M1	23,031	1 038629 M1	28	1 038798 M91	40
1 037108 M1	23,031	1 038481 M1	23	1 038630 M1	28	1 038810 M1	27
1 037109 M91	23	1 038482 M1	23,031	1 038632 M1	31	1 038884 M1	24,032
1 037110 M1	23	1 038483 M91	24	1 038633 M1	31	1 038885 M1	24
1 037111 M1	23	1 038484 M1	24	1 038634 M1	24,032	1 038886 M1	28
1 037112 M1	23	1 038485 M1	24	1 038636 M1	35	1 038887 M1	28
1 037113 M1	23,031	1 038486 M1	24,032	1 038637 M1	35	1 038888 M1	28
1 037114 M1	23,031	1 038487 M1	24,032	1 038638 M1	35	1 038889 M1	32
1 037115 M1	23,031	1 038489 M1	24	1 038639 M1	35	1 038898 M1	31
1 037116 M2	23,031	1 038490 M1	24	1 038640 M1	35	1 038899 M91	23
1 037118 M1	23,031	1 038537 M1	27	1 038641 M1	35	1 039043 M1	39
1 037119 M1	23,031	1 038538 M91	28	1 038642 M1	35	1 039390 M1	24,032
1 037122 M1	24,032	1 038539 M91	28	1 038643 M1	35	1 039400 M91	28
1 037135 M1	23,031	1 038540 M1	28	1 038644 M1	35	1 040324 M1	31
1 037138 M1	24,032	1 038541 M2	28	1 038645 M1	35	1 440270 X1	23
1 037434 M1	39	1 038542 M1	28	1 038665 M1	31	1 440964 X1	28
1 037445 M1	27	1 038543 M91	28	1 038708 M91	12	1 440998 X1	27,031
1 037446 M1	23,031	1 038544 M1	28	1 038709 M91	12	1 441268 X1	27
1 037447 M1	23,031	1 038545 M1	28	1 038710 M1	12	1 441711 X1	28
1 037448 M1	23	1 038546 M1	28	1 038711 M1	12	1 441712 X1	27
1 037449 M1	23,031	1 038547 M2	28	1 038712 M1	12	1 441713 X1	27
1 037450 M1	23,031	1 038548 M2	28	1 038713 M1	12	1 441714 X1	27
1 037469 M1	35	1 038550 M1	28	1 038714 M91	12	1 441715 M1	28
1 037470 M1	35	1 038551 M1	28	1 038715 M1	12	1 441717 X1	31
1 037472 M91	35	1 038552 M91	31	1 038717 M1	12	1 441718 X1	27
1 037478 M1	35	1 038553 M91	31	1 038718 M1	12	1 441719 X1	27
1 037479 M1	35	1 038554 M91	31	1 038719 M1	12	1 441720 X1	27
1 037489 M1	35	1 038555 M1	31	1 038720 M1	12	1 750609 M1	8,039
1 037490 M1	35	1 038556 M1	31	1 038721 M93	12	1 750613 M1	8
1 037491 M1	35	1 038557 M91	31	1 038724 M1	12	1 750614 M1	8
1 037494 M1	35	1 038558 M1	31	1 038726 M1	12	1 750658 M1	8
1 037495 M1	35	1 038559 M1	31	1 038727 M91	12	1 754622 M1	8
1 037496 M1	35	1 038560 M1	31	1 038728 M91	12	GA 1773	28
1 037497 M1	35	1 038561 M1	31	1 038729 M1	12		

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FRAME AND SKIS

F1471



FRAME AND SKIS

3

Ref. No.	Part No.	Description	Number Required		
			300S	350SS	500SST
1	521 861 M91	Frame Assembly (Incl. Item 2).....	1	-	-
1	521 860 M91	Frame Assembly (Incl. Item 2).....	-	1	1
2	834 568 M1	Bearing.....	4	4	4
3	521 736 M91	Case Assembly.....	1	1	1
4	521 318 M1	Molding.....	1	1	1
5	358 657 X1	Nut (5/16" NC, Hex.).....	1	1	1
6	519 395 M1	Cover.....	1	1	1
7	831 240 M1	Washer.....	1	1	1
8	353 755 X1	Washer (5/16" Flat).....	1	1	1
9	353 593 X1	Nut (5/16" NC, Wing).....	1	1	1
10	522 125 M1	Molding.....	2	2	2
11	520 243 M1	Molding.....	2	2	2
12	519 758 M1	Guard.....	-	1	1
13	519 759 M1	Guard.....	-	1	1
14	519 565 M1	Rivet.....	-	8	8
15	359 391 X1	Plug.....	2	2	2
16	522 294 M1	Tread.....	-	2	2
20	364 890 X1	Bolt (3/8 x 2-1/4" NC, Carr.).....	4	2	2
21	19 963 X	Washer (7/16" Sq. Hole, Flat).....	8	4	4
22	366 854 X1	Spacer.....	4	4	4
23	358 658 X1	Nut (3/8" NC, Hex.).....	4	2	2
20	364 891 X1	Bolt (3/8 x 2-1/2" NC, Carr.).....	-	2	2
21	49 307 X	Washer (3/8" Flat).....	-	2	2
22	366 854 X1	Spacer.....	~~4~~	~~2~~	~~2~~
23	358 658 X1	Nut (3/8" NC, Hex.).....	-	2	2
24	367 079 X1	Screw (#10 x 3/8" Oval Hd.).....	8	10	10
25	519 552 M1	Washer (#10 Finish).....	8	10	10
26	367 092 X1	Nut.....	8	10	10
31	521 740 M91	Arm Assembly, Left.....	1	1	1
31	521 739 M91	Arm Assembly, Right.....	1	1	1
32	365 382 X1	Bolt (5/16 x 3/4" NC, Hex.).....	2	2	2
33	353 446 X1	Washer (5/16" Lock).....	2	2	2
34	832 035 M1	Washer.....	2	2	2
35	832 128 M1	Key (3/16" Sq. x 9/32").....	2	2	2
36	519 479 M2	Spindle.....	2	2	2
37	366 560 X1	Spacer.....	2	2	2
38	367 080 X1	Bolt (7/8 x 3" NF, Hex.).....	2	2	2
39	353 430 X1	Nut (3/8" NF, Half Hex.).....	4	4	4
40	521 776 M1	Saddle.....	2	2	2
41	367 046 X1	Bolt (3/8 x 1-1/4" NF, Carr.).....	4	4	4
42	353 430 X1	Nut (7/8" NF, Half Hex.).....	8	8	8
43	521 777 M1	Spring.....	-	2	2
44	521 778 M1	Spring.....	2	2	2
45	521 779 M1	Spring.....	2	2	2
46	195 608 M1	Pin (3/8" Clevis).....	4	4	4
47	353 756 X1	Washer (3/8" Flat).....	4	4	4
48	354 057 X1	Cotter Pin (1/8 x 3/4").....	4	4	4
49	519 499 M1	Plate.....	2	2	2
50	521 823 M91	Ski Assembly.....	2	2	2
51	519 536 M91	Bar Assembly.....	2	2	2
52	832 302 M1	Nut (5/16" NC, Hex. Lock).....	2	2	2

REAR CUSHION

57	522 291 M91	Cushion Assembly.....	-	1	1
58	1 038 803 M91	Cushion.....	-	1	1
59	1 038 806 M1	Hinge.....	-	1	1
60	353 970 X1	Screw (1/4 x 1/2" NC, Truss Hd.).....	-	6	6
61	1 038 804 M91	Cushion.....	-	1	1
62	1 038 805 M91	Strap.....	-	1	1
63	~~1 038 807 M1~~ 353 971 X1	Bolt (1/4 x 5/8" NC, Thin Hex. Hd.) ~~TRUSS HEAD SLANTED~~	-	1	1
64 (A)		Socket.....	-	1	1
65 (A)		Button.....	-	1	1
70 (B)	836 465 M91	Snap Kit.....	-	1	1

Notes: (A) - For repairs, order 836 465 M91 Snap Kit.

(B) - Used for repairs to Socket and Button, Items 64 and 65.

STEERING AND CONTROLS

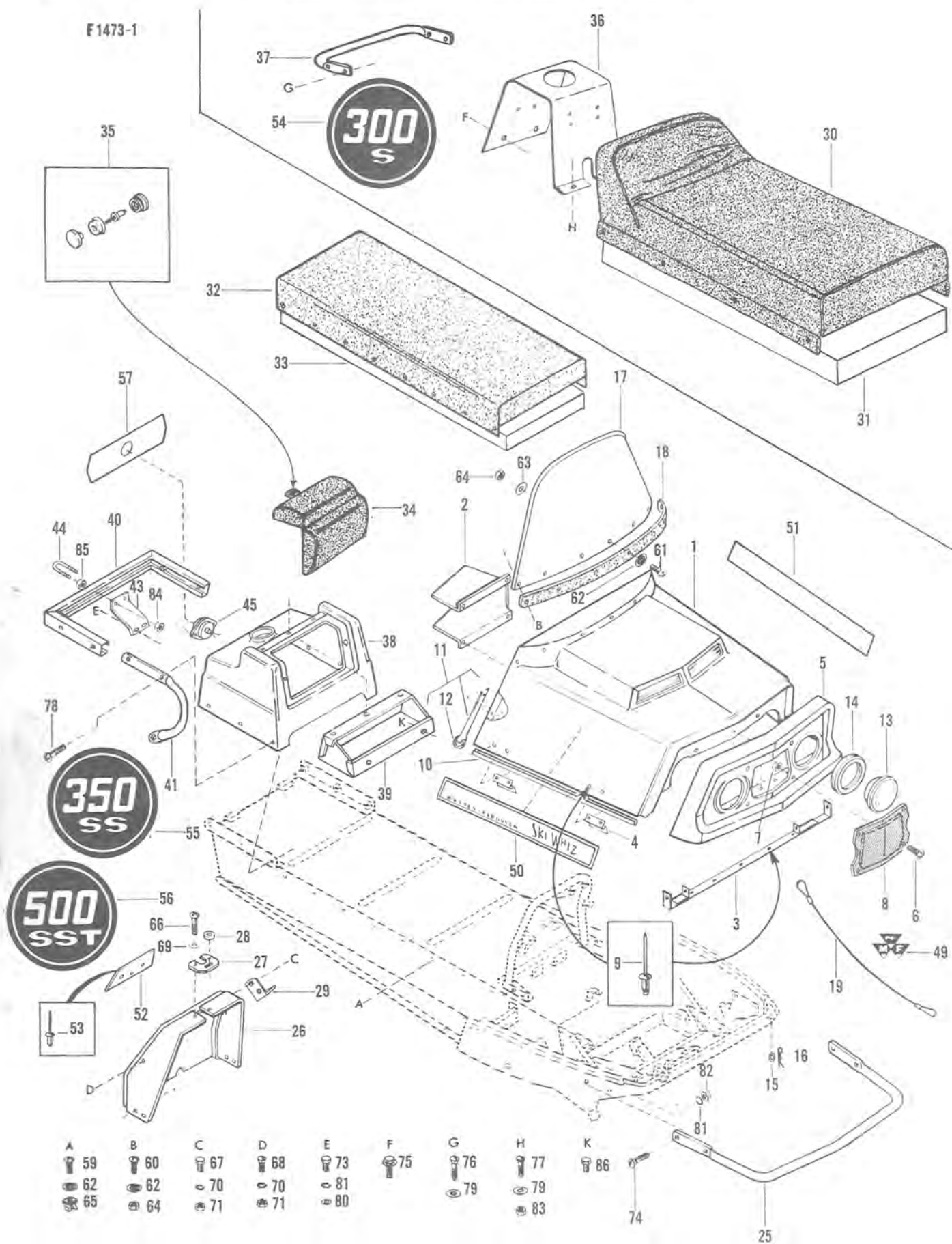
Ref. No.	Part No.	Description	Number Required		
			300S	350SS	500SST
1	519 484 M91	Post Assembly (Chrome Plated).....	-	1	1
1	521 825 M91	Post Assembly (Cad. Plated).....	1	-	-
2	519 903 M1	Grip.....	2	2	2
3	519 481 M92	Handle Assembly.....	2	2	2
4	519 471 M92	Cable Assembly.....	1	1	1
5	355 564 X1	Nut (1/4" NC, Hex.).....	1	1	1
6	522 189 M91	Cable Assembly (Incl. Item 7).....	1	1	-
6	522 190 M91	Cable Assembly (Incl. Item 7).....	-	-	1
7	353 917 X1	Nut (5/16" NF, Half Hex.).....	2	2	2
9	520 429 M1	Strap.....	1	-	-
10	22 592 X	Washer (1/4" Skpf.).....	1	-	-
11	1 037 452 M1	Bolt (6 MM x 40 MM).....	1	-	-
12	360 049 X1	Clip.....	1	1	-
13	353 670 X1	Bolt (5/16 x 5/8" NC, Hex.).....	1	-	-
14	832 302 M1	Nut (5/16" Hex., Lock).....	1	-	-
15	339 761 X1	Bolt (8 MM x 25 MM Hex.).....	-	1	-
16	522 188 M1	Bracket.....	1	1	1
17	353 978 X1	Screw (#8 x 5/8" NC, Rd. Hd. Mach.).....	2	2	2
18	366 666 X1	Nut (#8 NC, Locking).....	1	1	1
19	354 119 X1	Nut (#8 NC, Hex.).....	1	1	1
25	521 821 M1	Rod.....	2	2	2
26	353 430 X1	Nut (3/8" NF, Half Hex. R.H. Thrd.).....	2	2	2
27	364 616 X1	Nut (3/8" NF, Half Hex. L.H. Thrd.).....	2	2	2
28	521 772 M1	Ball Joint.....	2	-	-
29	517 512 M2	Ball Joint.....	2	-	-
30	353 431 X1	Nut.....	4	-	-
31	353 434 X1	Washer.....	4	-	-
32	519 540 M1	End.....	-	2	2
33	519 539 M1	End.....	-	2	2
34	353 693 X1	Bolt (3/8 x 1-1/4" NC, Hex.).....	-	4	4
35	353 756 X1	Washer (3/8" Flat).....	-	4	4
36	353 434 X1	Washer (3/8" Lock).....	-	4	4
37	355 566 X1	Nut (3/8" NC, Hex.).....	-	4	4
38	366 535 X1	Washer (1-1/64 x 1-1/4 x 1/16").....	1	1	1
39	354 063 X1	Cotter Pin (1/8 x 1-1/2").....	1	1	1
40	353 665 X1	Bolt (1/4 x 1/2" NC, Hex.).....	2	2	2
41	353 441 X1	Washer (1/4" Lock).....	2	2	2
42	375 107 X1	Nut (1/4" NC, Half Hex.).....	2	2	2

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This diagram illustrates the assembly of a motorcycle rear suspension system. The main components are labeled with numbers 1 through 42. The assembly includes a swingarm (1), a shock absorber (2), a rear axle (25), and various mounting brackets and hardware. A detailed inset shows the installation of the shock absorber into the swingarm, highlighting the correct orientation of the shock absorber (2) and the mounting bracket (3). Another inset shows the installation of the rear axle (25) into the swingarm, showing the correct orientation of the axle (25) and the mounting bracket (3). A legend at the bottom right indicates the correct mounting hardware for the shock absorber (A) and the rear axle (B), with options 17, 18, and 19.

SHEET METAL, WINDSHIELD AND CUSHIONS

F1473-1



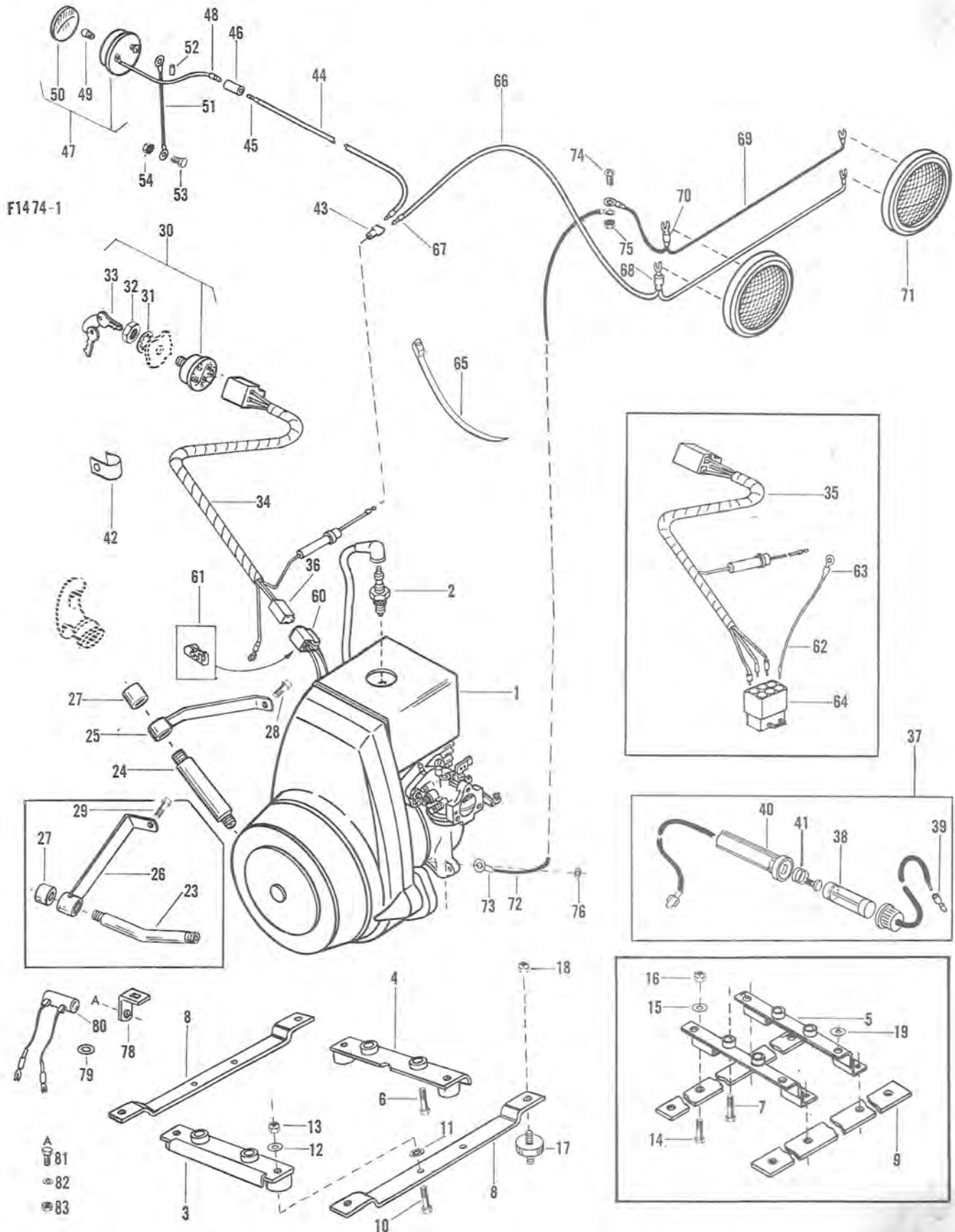
SHEET METAL, WINDSHIELD AND CUSHIONS

7

Ref. No.	Part No.	Description	Number Required		
			300S	350SS	500SST
1	521 690 M91	Hood Assembly (Incl. Items 3 thru 12).....	1	-	1
1	519 573 M92	Hood Assembly (Incl. Items 2 thru 12).....	-	1	-
2	519 707 M1	Baffle.....	-	1	-
3	521 685 M91	Bracket Assembly.....	1	1	1
4	519 574 M2	Clip.....	4	4	4
5	519 404 M2	Cap.....	1	1	1
6	353 990 X1	Screw (1/4 x 3/4" NC, Rd. Hd.).....	8	8	8
7	358 656 X1	Nut (1/4" NC, Hex., Lock).....	8	8	8
8	519 706 M91	Screen Assembly.....	1	1	1
9	519 563 M1	Rivet (3/16 x 17/32" Blind).....	25	25	25
10	522 092 M1	Molding.....	2	2	2
11	519 963 M91	Retainer.....	2	2	2
12	521 730 M1	"D" Ring.....	1	1	1
13	521 678 M1	Headlight.....	2	2	2
14	519 571 M1	Ring.....	2	2	2
15	196 010 M1	Washer.....	2	2	2
16	195 414 M1	Hair Pin.....	2	2	2
17	519 554 M2	Windshield.....	1	1	1
18	520 285 M2	Strip.....	1	1	1
19	520 559 M1	Stop.....	1	1	1
25	521 664 M1	Bumper.....	1	-	-
25	519 562 M1	Bumper.....	-	1	1
26	521 709 M91	Panel Assembly.....	1	1	1
27	519 570 M1	Bracket.....	1	1	1
28	519 567 M1	Grommet.....	1	1	1
29	521 761 M1	Angle.....	1	1	1
30	522 175 M1	Cover.....	1	-	-
31	1 038 808 M1	Inlay.....	1	-	-
32	521 771 M1	Cover.....	-	1	1
33	1 038 801 M1	Inlay.....	-	1	1
34	522 291 M91	Cushion (See Page 3).....	-	1	1
35	836 465 M91	Fastener Kit.....	-	1	1
36	521 789 M1	Strap.....	1	-	-
37	521 663 M1	Bumper.....	1	-	-
38	522 036 M1	Shroud.....	-	1	1
39	521 715 M1	Compartment.....	-	1	1
40	520 187 M91	Bumper Assembly.....	-	1	1
41	521 874 M91	Handle.....	-	1	1
41	521 875 M91	Handle.....	-	1	1
43	521 713 M1	Reinforcement.....	-	1	1
44	366 539 X1	"U" Bolt.....	-	1	1
45	511 930 M91	Tail Light Assembly (See Page 8).....	1	1	1
49	196 363 M1	Emblem.....	1	1	1
50	519 944 M2	Emblem, R.H.....	1	1	1
51	519 945 M2	Emblem, L.H.....	1	1	1
52	521 667 M1	Plate.....	1	1	1
53	521 060 M1	Rivet (1/8 x 15/64" Blind).....	6	6	6
54	521 650 M1	Emblem.....	2	-	-
55	521 651 M1	Emblem.....	-	2	-
56	521 653 M1	Emblem.....	-	-	2
57	519 946 M1	Emblem.....	-	1	1
59	367 079 X1	Screw (#10 x 3/8" NC, Oval Hd.).....	x	x	x
60	366 835 X1	Screw (#10 x 5/8" NC, Mach.).....	x	x	x
61	366 836 X1	Screw (#10 x 7/8" NC, Mach.).....	x	x	x
62	519 552 M1	Washer (#10 Finish).....	x	x	x
63	353 753 X1	Washer (#10 Flat).....	x	x	x
64	364 869 X1	Nut (#10 Lock).....	x	x	x
65	367 092 X1	Nut (Nylon Insert).....	x	x	x
66	366 552 X1	Screw (1/4 x 3/8" NC, Rd. Hd.).....	x	x	x
67	353 666 X1	Screw (1/4 x 5/8" NC, Hex.).....	x	x	x
68	364 942 X1	Screw (1/4 x 5/8" NC, Carr.).....	x	x	x
69	353 754 X1	Washer (1/4" Flat).....	x	x	x
70	353 441 X1	Washer (1/4" Lock).....	x	x	x
71	355 564 X1	Nut (1/4" NC, Hex.).....	x	x	x
73	353 676 X1	Bolt (5/16 x 5/8" NC, Hex.).....	x	x	x
74	366 891 X1	Bolt (5/16 x 5/8" NC, Carr.).....	x	x	x
75	366 788 X1	Bolt (5/16 x 5/8" NC, Hex., Flange Lock).....	x	x	x
76	364 352 X1	Bolt (5/16 x 3/4" NC, Carr.).....	x	x	x
77	360 501 X1	Bolt (5/16 x 3/4" NC, Short Neck Carr.).....	x	x	x
78	366 606 X1	Screw (5/16 x 1-1/2" NC, Rd. Hd.).....	x	x	x
79	355 802 X1	Washer (11/32" Sq. Hole).....	x	x	x
80	353 755 X1	Washer (5/16" Flat).....	x	x	x
81	353 446 X1	Washer (5/16" Lock).....	x	x	x
82	355 565 X1	Nut (5/16" NC, Hex.).....	x	x	x
83	832 302 M1	Nut (5/16" NC, Lock).....	x	x	x
84	355 566 X1	Nut (3/8" NC, Hex.).....	x	x	x
85	366 857 X1	Nut (3/8" NC, Hex., Plated).....	x	x	x
86	366 727 X1	Bolt (1/4 x 3/4" NC, Hex., Washer Hd.).....	x	x	x

ENGINE AND ELECTRICAL

Ref. No.	Part No.	Description	Number Required 300S 350SS 500SST		
1		Engine Assembly (JLOL-295 PE) (See Pages 19 thru 24).....	1	-	-
1		Engine Assembly (JLOL-340 PE) (See Pages 19 thru 24).....	-	1	-
1		Engine Assembly (JLO-LR 440/2) (See Pages 27 thru 32).....	-	-	1
2	521 509 M1	Spark Plug.....	1	1	2
3	521 749 M91	Mount Assembly.....	1	1	-
4	521 747 M91	Mount Assembly.....	1	1	-
5	522 107 M91	Mount Assembly.....	-	-	2
6	366 571 X1	Bolt (7/16 x 1-1/2" NC, Hex., Lock).....	4	4	-
7	353 703 X1	Bolt (7/16 x 1-5/8" NC, Hex.).....	-	-	4
8	520 505 M1	Support.....	2	2	-
9	522 106 M1	Support.....	-	-	2
10	353 685 X1	Bolt (5/16 x 1-3/4" NC, Hex.).....	4	4	-
11	365 097 X1	Pushnut (5/16").....	4	4	-
12	355 618 X1	Washer (5/16" Large Flat).....	4	4	-
13	832 302 M1	Nut (5/16" NC, Hex., Lock).....	4	4	-
14	353 693 X1	Bolt (3/8 x 1-1/4" NC, Hex.).....	-	-	4
15	353 756 X1	Washer (3/8" Flat).....	-	-	4
16	366 573 X1	Nut (3/8" NC, Hex., Lock).....	-	-	4
17	520 518 M2	Dampener.....	4	4	4
18	832 302 M1	Nut.....	4	4	4
19	353 755 X1	Washer (Muffler Support).....	-	-	1
23	522 330 M1	Tube.....	-	-	1
24	520 788 M1	Tube.....	1	1	-
25	520 804 M91	Brace Assembly.....	1	1	-
26	522 093 M91	Brace Assembly.....	-	-	1
27	520 789 M1	Coupling.....	1	1	1
28	339 229 X1	Bolt (6 MM x 40 MM Hex.).....	1	1	-
29	339 096 X1	Bolt (6 MM x 35 MM Hex.).....	-	-	1
30	521 992 M91	Switch Assembly.....	1	1	1
31	355 833 X1	Washer.....	1	1	1
32	1 009 699 M1	Nut (9/16" NF, Hex.).....	1	1	1
33	1 035 344 M91	Key (Set of 2).....	1	1	1
34	522 095 M91	Harness Assembly (Incl. items 36 and 37).....	1	1	-
35	522 096 M91	Harness Assembly (Incl. item 37).....	-	-	1
36	505 214 M1	Connector.....	1	1	-
37	522 064 M91	Wire Assembly.....	1	1	1
38	239 819 M1	Fuse (10 Amp.).....	1	1	1
39	1 750 658 M1	Terminal.....	1	1	1
40	1 750 614 M1	Body.....	1	1	1
41	1 750 613 M1	Spring.....	1	1	1
42	506 293 M1	Clip.....	2	2	2
43	519 635 M1	Connector.....	1	1	1
44	519 650 M91	Wire Assembly.....	1	1	1
45	1 750 658 M1	Terminal.....	2	2	2
46	187 531 M91	Connector.....	1	1	1
47	511 930 M92	Light Assembly.....	1	1	1
48	1 750 658 M1	Terminal.....	1	1	1
49	1 754 622 M1	Bulb.....	1	1	1
50	1 031 851 M1	Lens.....	1	1	1
51	519 636 M91	Wire Assembly.....	-	1	1
52	1 750 609 M1	Sleeve.....	-	2	2
53	363 577 X1	Screw (#10 x 5/8" NF, Hex.).....	-	1	1
54	366 579 X1	Nut (#10 NF, Hex., W/Lock Washer).....	-	1	1
60	194 384 M1	Connector.....	1	1	-
61	522 119 M1	Terminal.....	3	3	-
62	522 073 M91	Wire Assembly.....	-	-	1
63	1 750 609 M1	Sleeve.....	-	-	1
64	522 097 M1	Connector.....	-	-	1
65	517 587 M1	Strap.....	2	2	2
66	519 651 M91	Wire Assembly.....	1	1	1
67	1 750 658 M1	Terminal.....	1	1	1
68	1 750 609 M1	Sleeve.....	2	2	2
69	519 637 M91	Wire Assembly.....	1	1	1
70	1 750 609 M1	Sleeve.....	2	2	2
71	521 678 M1	Headlight.....	2	2	2
72	520 708 M91	Wire Assembly.....	1	1	1
73	1 750 609 M1	Sleeve.....	2	2	2
74	363 577 X1	Screw (#10 x 5/8" NF, Rd. Hd.).....	1	1	1
75	366 579 X1	Nut (#10 NF, Hex., W/Lock Washer).....	1	1	1
76	353 754 X1	Washer (1/4" Flat).....	1	1	1
78	514 248 M1	Tab, Mounting.....	1	1	1
79	522 823 M1	Insulator.....	2	2	2
80	522 814 M91	Resistor.....	1	1	1
81	354 609 X1	Bolt (1/4 x 2-3/4" NC, Hex.).....	1	1	1
82	353 754 X1	Washer (1/4" Flat).....	1	1	1
83	358 645 X1	Nut (1/4" Hex.).....	1	1	1



DRIVE PULLEY, DRIVEN PULLEY AND BRAKE

Ref. No.	Part No.	Description	Number Required		
			300S	350SS	500SST
(A)	521 945 M93	Pulley Assembly (Incl. 2 thru 15.)	1	1	1
(B)	521 945 M91	Pulley Assembly (For Repairs Order 521 945 M93)	1	1	1
2	1 038 714 M91	Plate	1	1	1
3	1 038 720 M1	Bushing	1	1	1
4	1 038 719 M1	Retainer	1	1	1
5	1 038 718 M1	Spring	1	1	1
6	1 038 715 M1	Plate Assembly	1	1	1
8	1 038 717 M1	Bushing	1	1	1
9	1 038 721 M93	Governor	1	1	1
10 (C)		Weight	4	4	4
11 (C)		Roller	4	4	4
12 (C)		Rivet	4	4	4
13	1 038 724 M1	Washer	1	1	1
14	355 637 X1	Washer	1	1	1
15 (D)	367 325 X1	Bolt	1	1	1
15 (E)	367 218 X1	Bolt	1	1	1
16	521 965 M1	"V" Belt	1	1	1
(B)	521 946 M91	Pulley Assembly	1	1	1
25	1 038 708 M91	Shaft Assembly	1	1	1
26	1 038 710 M1	Flange Assembly	1	1	1
27	1 038 709 M91	Cam Assembly	1	1	1
28	1 038 712 M1	Bushing	6	6	6
29	29 043 X	Rivet	3	3	3
30	1 038 713 M1	Lining	1	1	1
31	522 329 M1	Spring	1	1	1
32	1 038 711 M1	Cam	1	1	1
33	357 634 X1	Pin (3/16 x 1-1/2" Roll)	1	1	1
34	1 924 X	Key (Woodruff)	1	1	1
(B)	522 052 M91	Pulley Assembly	1	1	1
41	1 038 731 M91	Plate	1	1	1
42	1 038 720 M1	Bushing	1	1	1
43	1 038 730 M1	Retainer	1	1	1
44	1 038 729 M1	Spring	1	1	1
45	1 038 728 M91	Plate Assembly	1	1	1
46	1 038 727 M91	Governor Assembly	1	1	1
47	1 038 726 M1	Washer	1	1	1
48	355 637 X1	Washer (1/2" Skpf.)	1	1	1
49	367 218 X1	Bolt (1/2 x 4-5/8" NF, Hex.)	1	1	1
50	521 965 M1	"V" Belt	1	1	1
(B)	522 053 M91	Pulley Assembly	1	1	1
55	1 038 732 M91	Shaft Assembly	1	1	1
56	1 038 733 M91	Flange Assembly	1	1	1
57	1 038 734 M1	Spring	1	1	1
58	1 038 736 M1	Cam	1	1	1
59	1 038 735 M1	Slide	3	3	3
60	357 634 X1	Pin (3/16 x 1-1/2" Roll)	1	1	1
	521 820 M91	Brake Assembly	1	1	1
66	1 038 749 M1	Bracket	1	1	1
67	1 038 758 M1	Bushing	4	4	4
68	353 533 X1	Bolt (5/16 x 2-3/4" NF, Hex.)	2	2	2
69	195 454 M1	Nut (5/16" NF, Lock)	2	2	2
70	1 038 751 M1	Body	1	1	1
71	1 038 754 M1	Disc	1	1	1
72	1 038 753 M1	Pad	1	1	1
73	1 038 755 M1	Pad	1	1	1
74	1 038 752 M1	Body	1	1	1
75	1 038 756 M1	Pin	2	1	1
76	1 038 757 M1	Spring	1	1	1
77	1 038 750 M1	Cam	1	1	1
78	1 038 761 M1	Washer (5/16")	1	1	1
79	367 265 X1	Nut (5/16" NF, Castle)	1	1	1
80	354 050 X1	Cotter Pin (3/32 x 1")	1	1	1
81	1 038 759 M91	Bolt Assembly	1	1	1
83	521 732 M92	Bracket Assembly	1	1	1
84	353 675 X1	Bolt (5/16 x 1-1/2" NC, Hex.)	2	2	2
85	353 446 X1	Washer (5/16" Lock)	2	2	2
86	353 678 X1	Bolt (5/16 x 7/8" NC, Hex.)	2	2	2
87	353 755 X1	Washer (5/16" Flat)	x	x	x
88	375 108 X1	Nut (5/16" NC, Half Hex.)	2	2	2
89	353 897 X1	Bolt (5/8 x 2" NC, Hex.)	1	1	1
90	358 658 X1	Nut (3/8" NC, Half Hex.)	1	1	1
91	354 059 X1	Cotter Pin (1/8 x 1")	1	1	1
92	521 762 M1	Spring	1	1	1

Notes: (A) - Never used in production - repairs only.

(B) - See Page IIA for special Serial No. information.

(C) - For repairs order 1 038 721 M93.

(D) - Used MF 300S Serial No. 1647 101 020 and up.

Used MF 350 SS Serial No. 1647 301 181 and up.

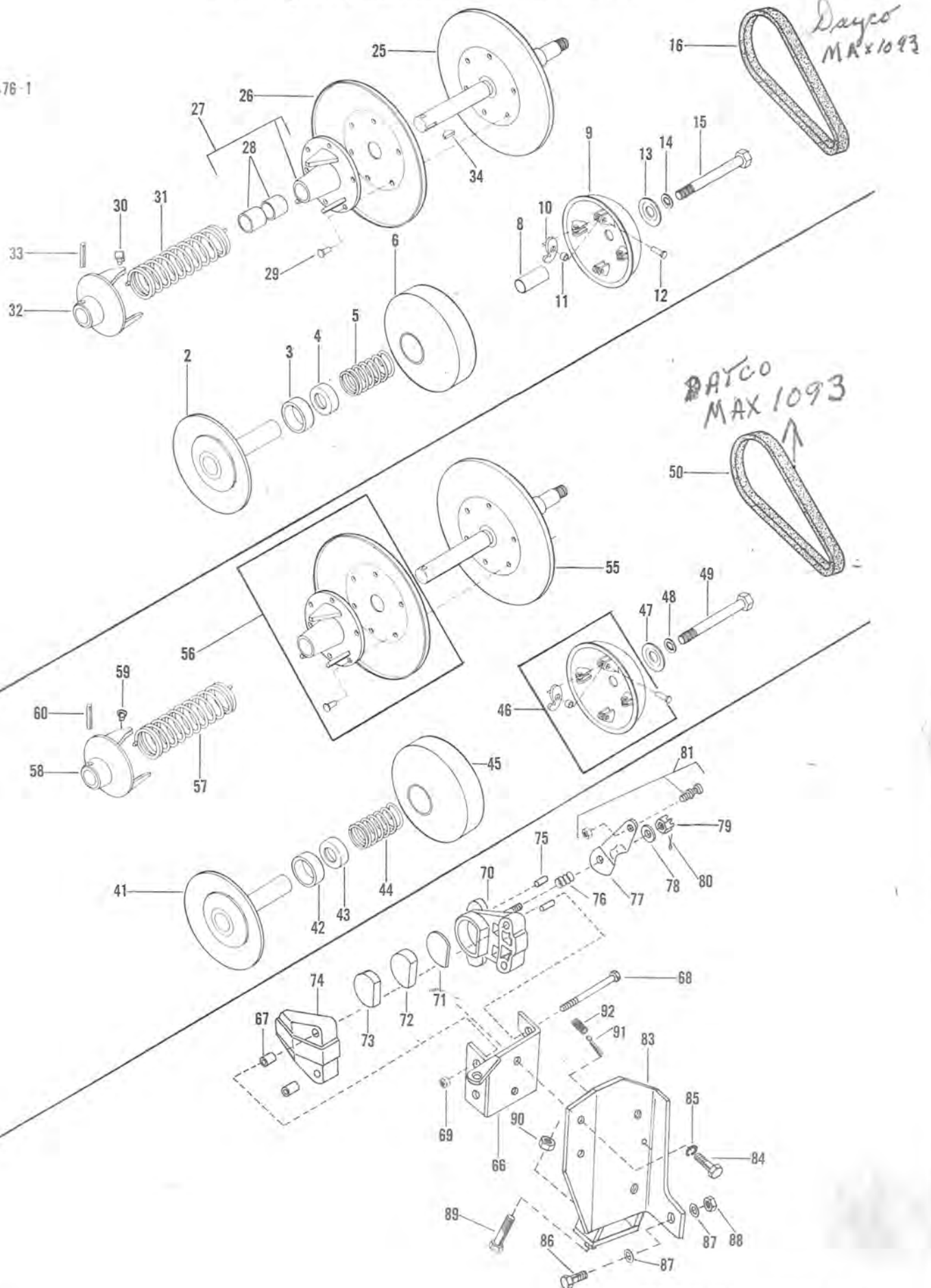
(E) - Used prior to MF 300S Serial No. 1647 101 020. For repairs order 367 325 X1 Bolt.

Used prior to MF 350SS Serial No. 1647 301 181. For repairs order 367 325 X1 Bolt.

DRIVE PULLEY, DRIVEN PULLEY AND BRAKE

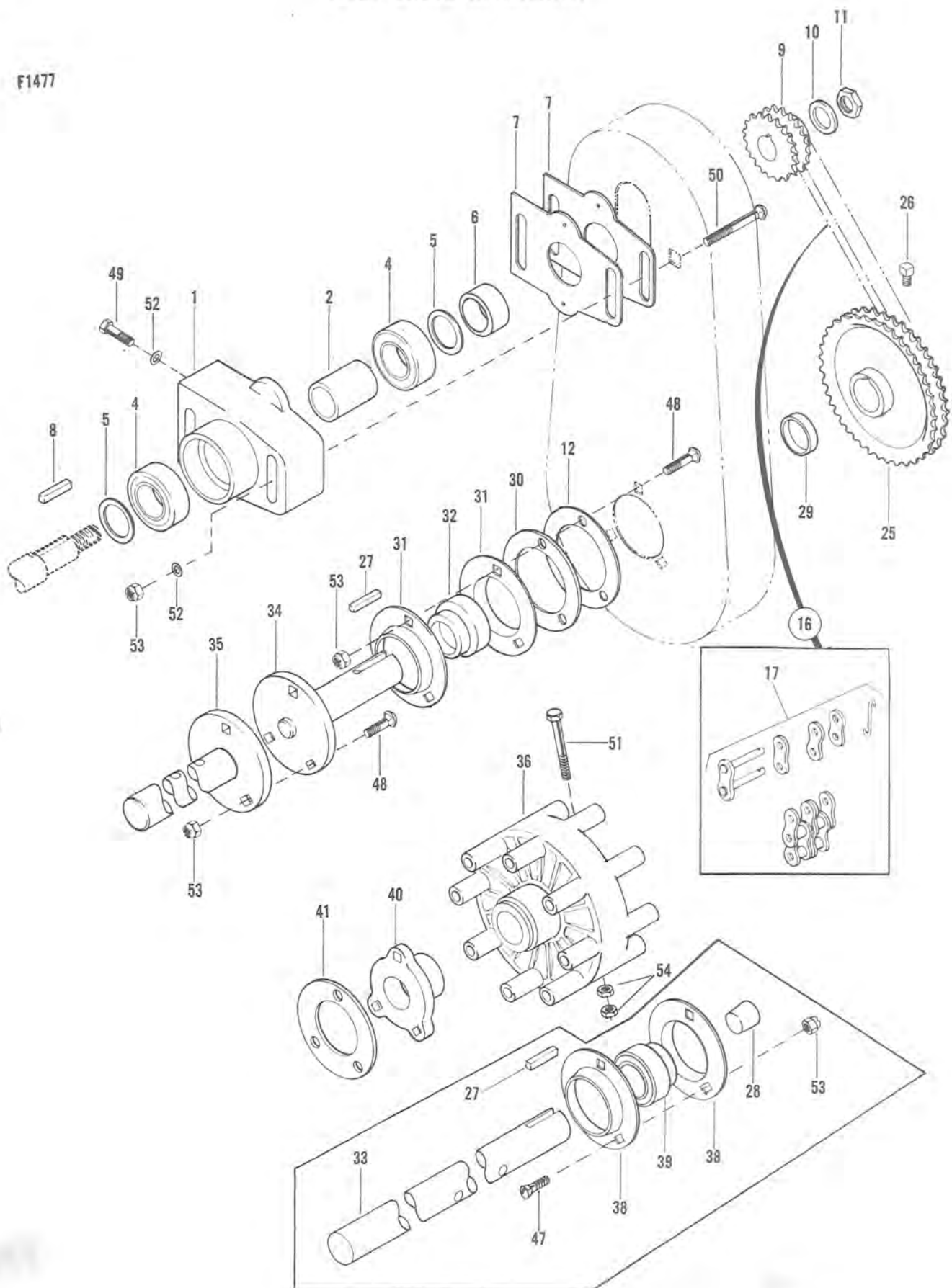
13

F1476-1



MAIN DRIVE SPROCKETS

F1477



MAIN DRIVE SPROCKETS

15

Ref. No.	Part No.	Description	Number Required		
			300S	350SS	500SST
1	521 735 M1	Block.....	1	1	1
2	367 088 X1	Spacer.....	1	1	1
4	22 258 X	Bearing.....	2	2	2
5	367 090 X1	Shim.....	x	x	x
6	367 089 X1	Spacer.....	1	1	1
7	522 145 M1	Gasket.....	2	2	2
8	364 214 X1	Key (3/16 x 3/16 x 1-1/8").....	1	1	1
9	519 316 M1	Sprocket (19 Tooth).....	1	1	-
9 (A)	10 007 A91	Sprocket (17 Tooth).....	1	1	-
9	521 891 M1	Sprocket (23 Tooth).....	-	-	1
9 (B)	10 006 A91	Sprocket (25 Tooth).....	-	-	1
9 (C)	10 009 A91	Sprocket (21 Tooth).....	1	1	1
10	353 773 X1	Washer (1/2" Flat).....	1	1	1
11	195 982 M1	Nut (1/2" NF, Hex.).....	1	1	1
12	522 158 M1	Gasket.....	1	1	1
16	521 901 M91	Chain Assembly (90 Links)(Incl. Item 17).....	1	1	-
16	521 900 M91	Chain Assembly (92 Links)(Incl. Item 17).....	-	-	1
17	519 721 M1	Link.....	1	1	1
	519 722 M1	OFF SET LINK			
25	519 337 M2	Sprocket (46 Tooth).....	1	1	1
26	366 856 X1	Screw (3/8 x 1/2" NC, Sq. Hd.).....	2	2	2
27	10 724 X	Key (1/4 x 1/4 x 1-1/2").....	1	1	1
28	520 142 M2	Plug.....	1	-	-
29	366 558 X1	Spacer.....	1	1	1
30	521 275 M1	Gasket.....	1	1	1
31	22 286 X	Flange.....	2	2	2
32	833 341 M1	Bearing.....	1	1	1
33	519 621 M3	Shaft.....	1	-	-
34	521 754 M91	Shaft Assembly.....	-	1	1
35	521 756 M92	Shaft Assembly.....	-	1	1
36	522 077 M91	Sprocket Assembly.....	2	-	-
36	521 850 M91	Sprocket Assembly.....	-	2	2
38	22 286 X	Flange.....	2	-	-
39	833 341 M1	Bearing.....	1	-	-
40	834 868 M91	Bearing Assembly.....	-	1	1
41	521 752 M1	Spacer.....	-	1	1
47	366 891 X1	Bolt (5/16 x 5/8" NC, Carr.).....	x	-	-
48	364 534 X1	Bolt (5/16 x 1" NC, Carr.).....	x	x	x
49	353 681 X1	Bolt (5/16 x 1-1/4" NC, Hex.).....	x	x	x
50	364 958 X1	Bolt (5/16 x 2-1/4" NC, Carr.).....	x	x	x
51	367 091 X1	Bolt (5/16 x 2-1/2" NC, Hex.).....	x	x	x
52	353 755 X1	Washer (5/16" Flat).....	x	x	x
53	832 302 M1	Nut (5/16" NC, Hex. Lock).....	x	x	x
54	375 108 X1	Nut (5/16" NC, Half Hex.).....	x	x	x

Notes: (A) - Optional with 519 316 M1, 19 Tooth Sprocket.

(B) - Optional with 521 891 M1, 23 Tooth Sprocket.

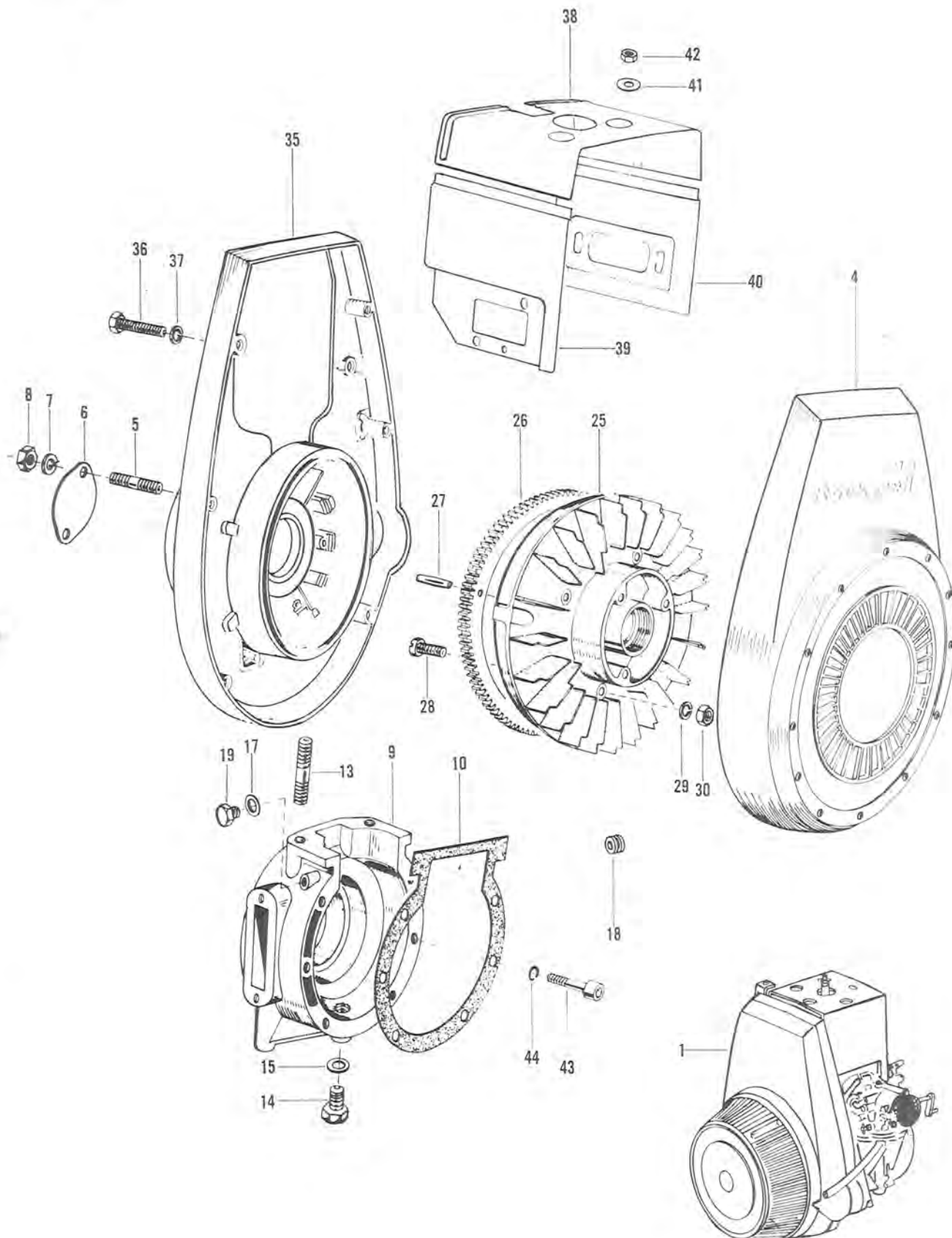
(C) - Optional with 519 316 M1, 19 Tooth Sprocket, 10 007 A91, 17 Tooth Sprocket, 521 891 M1, 23 Tooth Sprocket and 521 907 M1, 25 Tooth Sprocket.

TRACK AND SUSPENSION

Ref. No.	Part No.	Description	Number Required		
			300S	350SS	500SST
1	521 944 M1	Track.....	1	-	-
1	521 849 M1	Track.....	-	1	1
2	521 894 M91	Arm Assembly.....	-	1	1
3	521 895 M91	Arm Assembly.....	-	1	1
4	521 680 M1	Axle.....	-	1	1
5	521 695 M91	Arm Assembly.....	3	3	3
6	521 694 M91	Arm Assembly.....	3	2	2
7	521 127 M2	Shaft.....	3	3	3
8	521 691 M1	Wheel.....	12	13	13
9	366 565 X1	Bolt (3/8 x 3/4" NC, Hex. Lock).....	18	18	18
10	364 406 X1	Washer (3/8" Flat).....	12	12	12
12	521 692 M1	Spring.....	3	-	-
12	519 464 M1	Spring.....	-	3	3
13	521 693 M1	Spring.....	3	-	-
13	519 465 M1	Spring.....	-	3	3
14	521 845 M1	Strap, 1st to 3rd Suspension Assembly (14-3/4" Long)....	1	-	-
14	521 943 M1	Strap, 1st to 2nd Suspension Assembly (11" Long).....	-	1	1
14	519 966 M2	Strap, 2nd to 3rd Suspension Assembly (4-1/8" Long)....	-	1	1
17	521 730 M1	Ring.....	2	4	4
25	521 918 M91	Bracket Assembly.....	1	1	1
26	521 917 M91	Bracket Assembly.....	1	1	1
27	521 883 M91	Arm Assembly.....	1	1	1
28	521 882 M91	Arm Assembly.....	1	1	1
29	521 914 M91	Retainer Assembly.....	2	2	2
30	354 625 X1	Bolt (5/16 x 3-3/4" NC, Hex.).....	2	2	2
31	361 228 X1	Washer (11/32 x 1-1/8 x 1/8").....	2	2	2
32	832 302 M1	Nut (5/16" NC, Hex. Lock).....	2	2	2
33	522 663 M1	Spring.....	1	-	-
33	519 582 M1	Spring.....	-	1	1
34	522 662 M1	Spring.....	1	-	-
34	519 581 M1	Spring.....	-	1	1
35	521 913 M1	Screw.....	2	2	2
36	375 111 X1	Nut (1/2" NC, Half Hex.).....	2	2	2
37	363 723 X1	Washer (25/64 x 3/4 x 3/64").....	2	2	2
38	521 910 M1	Collar.....	2	2	2
39	353 466 X1	Pin (1/8 x 5/8" Groove).....	2	2	2
40	521 915 M1	Wedge.....	2	2	2
41	521 889 M1	Shaft.....	1	1	1
42	521 908 M91	Wheel Assembly.....	2	3	3
43	364 352 X1	Bolt (5/16 x 3/4" NC, Carr.).....	4	4	4
44	832 302 M1	Nut (5/16" NC, Hex. Lock).....	4	4	4
45	366 566 X1	Bolt (5/16 x 4" NC, Hex.).....	2	2	2
46	355 565 X1	Nut (5/16" NC, Hex.).....	2	2	2

ENGINE, CRANKCASE, FLYWHEEL

F1479



ENGINE, CRANKCASE, FLYWHEEL

19

(MF 300S AND 350SS)

Ref. No.	Part No.	Description	Number Required		
			300S	350SS	500SS
1	521 704 M92	Engine Assembly.....	1	-	-
1	521 705 M92	Engine Assembly.....	-	1	-
4	1 036 987 M1	Cowl.....	1	1	-
5	1 037 017 M1	Stud (8 MM x 20 MM, Hex.).....	2	2	-
6	1 037 031 M1	Cover.....	1	1	-
7	353 446 X1	Washer (5/16" Lock).....	2	2	-
8	339 169 X1	Nut (8 MM Hex.).....	2	2	-
9	1 038 617 M1	Crankcase Assembly.....	1	1	-
10	1 036 967 M1	Gasket.....	1	1	-
13	391 005 X1	Stud (10 MM x 35 MM).....	4	4	-
14	391 178 X1	Screw (10 MM x 10 MM, Hex.).....	1	1	-
15	1 440 993 X1	Gasket (10 MM x 13.5 MM).....	1	1	-
17	391 376 X1	Gasket (A8 x 11.5 MM).....	1	1	-
18	1 038 493 M1	Grommet.....	2	2	-
19	1 037 534 M1	Plug (8 MM).....	1	1	-
25	1 036 985 M92	Flywheel Assembly.....	1	1	-
26	1 036 986 M1	Gear.....	1	1	-
27	391 275 X1	Pin.....	3	3	-
28	391 364 X1	Screw (6 MM x 20 MM).....	4	4	-
29	1 440 998 X1	Washer (9/32" ID x 15/32" OD, Spring Type).....	4	4	-
30	339 030 X1	Nut (6 MM, Hex.).....	4	4	-
35	1 038 455 M1	Cover Assembly.....	1	1	-
36	1 037 025 M1	Screw (6 MM x 35 MM).....	5	5	-
36	1 037 452 M1	Screw (6 MM x 40 MM).....	1	1	-
37	339 375 X1	Washer (6 MM Lock).....	6	6	-
38	1 038 584 M1	Shroud.....	1	1	-
39	1 038 585 M1	Cover.....	1	1	-
40	1 038 586 M1	Cover.....	1	1	-
41	339 179 X1	Washer (Spring Type).....	6	6	-
42	390 345 X1	Nut (8 MM, Hex.).....	3	3	-
43	391 982 X1	Bolt (8 MM x 50 MM).....	6	6	-
44	353 446 X1	Washer (5/16" Lock).....	6	6	-
	836 587 M91	Kit, Engine Gasket (See Page 47).....	1	-	-
	836 588 M91	Kit, Engine Gasket (See Page 47).....	-	1	-

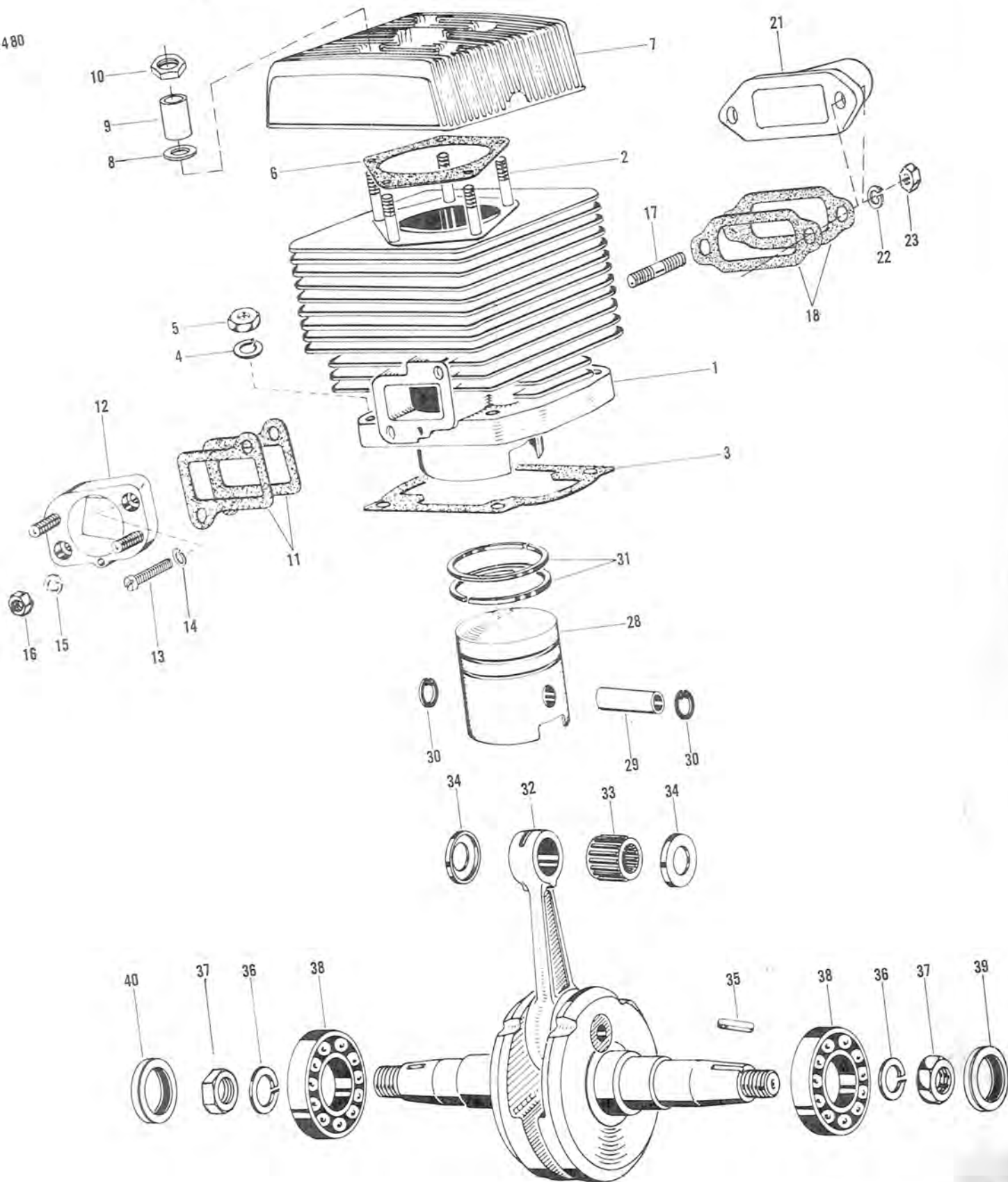
CYLINDER, CRANKSHAFT, PISTON AND HEAD

(MF 300S AND 350SS)

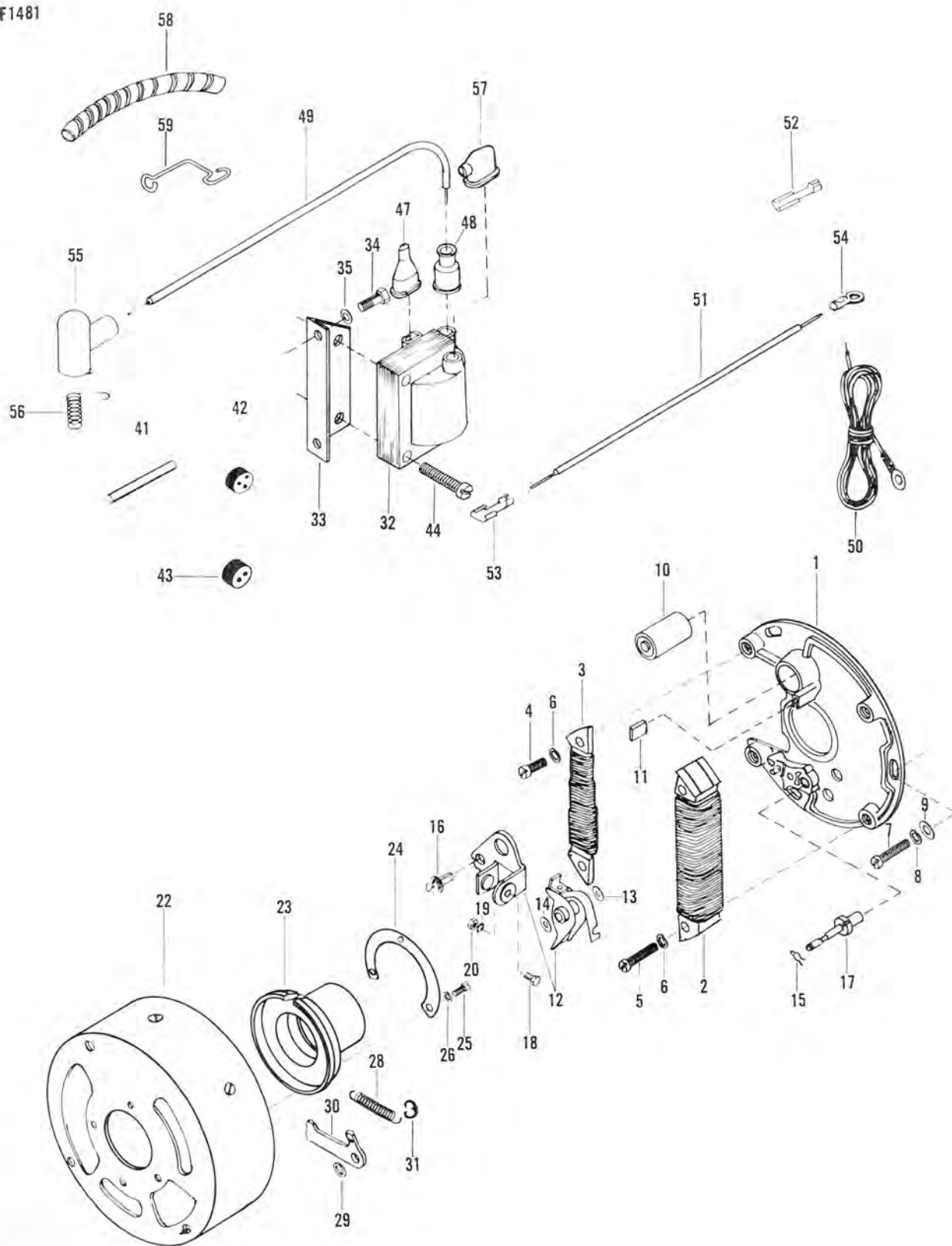
Ref. No.	Part No.	Description	Number Required		
			300S	350SS	500S
1	1 038 463 M91	Cylinder Assembly (Incl. Item 2).....	1	-	-
1	1 038 462 M91	Cylinder Assembly (Incl. Item 2).....	-	1	-
2	1 037 037 M1	Stud.....	6	6	-
3	1 036 974 M1	Gasket.....	1	1	-
4	339 376 X1	Washer (10 MM Lock).....	4	4	-
5	339 402 X1	Nut (10 MM Hex.).....	4	4	-
6	1 038 468 M1	Gasket.....	1	-	-
6	1 038 469 M1	Gasket.....	-	1	-
7	1 038 467 M1	Head.....	1	-	-
7	1 038 466 M1	Head.....	-	1	-
8	353 770 X1	Washer (5/16" Flat).....	6	6	-
9	1 037 131 M1	Spacer.....	6	6	-
10	339 169 X1	Nut (8 MM Hex.).....	6	6	-
11	1 037 100 M1	Gasket.....	1	1	-
12	1 037 101 M1	Adapter.....	1	1	-
13	339 243 X1	Screw (8 MM x 35 MM).....	2	2	-
14	1 037 102 M1	Washer (Special Lock).....	2	2	-
15	1 038 635 M1	Washer.....	2	2	-
16	339 169 X1	Nut (8 MM Hex.).....	2	2	-
17	1 037 127 M1	Stud (8 MM x 20 MM).....	2	2	-
18	1 038 464 M1	Gasket.....	2	2	-
21	1 038 609 M1	Manifold.....	1	1	-
22	353 446 X1	Washer (B8 Din 127).....	2	2	-
23	339 169 X1	Nut (M8 Din 934).....	2	2	-
28	1 038 458 M92	Piston Assembly.....	1	-	-
29	1 036 972 M1	Pin.....	1	-	-
30	1 037 023 M1	Snap Ring.....	2	-	-
31	1 038 460 M1	Ring.....	2	-	-
28	1 038 459 M91	Piston Assembly.....	-	1	-
29	1 037 035 M1	Pin.....	-	1	-
30	1 037 023 M1	Snap Ring.....	-	2	-
31	1 038 461 M1	Ring.....	-	2	-
32	1 038 456 M91	Crankshaft.....	1	1	-
33	1 037 020 M1	Bearing.....	1	1	-
34	1 036 969 M1	Retainer.....	2	2	-
35	1 037 019 M1	Key (6 x 4 x 14 MM).....	1	1	-
36	339 378 X1	Washer (20 MM Lock).....	2	2	-
37	1 037 535 M1	Nut (20 MM, Hex.).....	2	2	-
38	18 563 X	Bearing.....	2	2	-
39	1 037 018 M1	Seal.....	1	1	-
40	1 038 457 M1	Seal.....	1	1	-

CYLINDER, CRANKSHAFT, PISTON AND HEAD

F1480



F1481



ELECTRICAL

23

(MF 300S AND MF 350SS)

Ref. No.	Part No.	Description	Number Required		
			300S	350SS	500SST
1	1 038 055 M1	Plate.....	1	1	-
2	1 037 105 M1	Coil, Lighting.....	1	1	-
3	1 037 106 M1	Coil, Generator.....	1	1	-
4	1 038 060 M1	Screw (5 MM x 18 MM).....	2	2	-
5	390 964 X1	Screw (5 MM x 28 MM).....	2	2	-
6	339 381 X1	Washer (5 MM, Lock).....	4	4	-
7	391 294 X1	Screw (5 MM x 20 MM, Rd. Hd.).....	3	3	-
8	353 752 X1	Washer (#8 Flat).....	3	3	-
9	339 381 X1	Washer (5 MM, Lock).....	3	3	-
10	1 037 108 M1	Condenser.....	1	1	-
11	1 037 107 M1	Felt.....	1	1	-
12	1 037 109 M91	Point Set.....	1	1	-
13	1 440 270 X1	Washer (4 MM x .5 MM, Flat).....	2	2	-
14	1 038 057 M1	Washer (4 MM x .8 MM, Flat).....	2	2	-
15	1 038 058 M1	Hairpin.....	1	1	-
16	1 038 061 M91	Screw Assembly (4 MM x 10 MM, w/2 Washers).....	1	1	-
17	1 038 056 M1	Pin.....	1	1	-
18	1 038 059 M1	Screw (3 MM x 10 MM, Hex.).....	1	1	-
19	391 217 X1	Washer (3 MM, Lock).....	1	1	-
20	391 216 X1	Nut (3 MM, Hex.).....	1	1	-
22 (A)	1 038 899 M91	Flywheel Assembly.....	1	1	-
22 (B)	1 037 104 M91	Flywheel Assembly (Order 1038 899 M91).....	1	1	-
23	1 037 111 M1	Cam.....	1	1	-
24	1 038 054 M1	Ring.....	1	1	-
25	1 037 450 M1	Screw.....	3	3	-
26	1 037 449 M1	Washer.....	3	3	-
28	1 037 447 M1	Spring.....	1	1	-
29	1 037 448 M1	Washer.....	2	2	-
30	1 037 110 M1	Weight.....	1	1	-
31	1 037 446 M1	Retainer.....	1	1	-
32	1 037 042 M1	Coil.....	1	1	-
33	1 038 471 M1	Support.....	1	1	-
34	339 666 X1	Screw (6 MM x 20 MM, Hex.).....	2	2	-
35	339 375 X1	Washer (6 MM Lock).....	2	2	-
41	1 036 979 M1	Sleeve.....	1	1	-
42	1 036 981 M1	Grommet (3 Holes).....	1	1	-
43	1 038 472 M1	Grommet (2 Holes).....	1	1	-
44	1 037 112 M1	Screw (5 MM x 22MM, Rd. Hd. Sltd. Mach.).....	3	3	-
47	1 037 135 M1	Cap.....	1	1	-
48	1 037 113 M1	Cap.....	1	1	-
49	1 038 563 M1	Cable.....	1	1	-
50	1 038 474 M1	Cable.....	1	1	-
51	1 038 481 M1	Cable.....	1	1	-
52	1 037 114 M1	Connection.....	1	1	-
53	1 037 115 M1	Connection.....	1	1	-
54	1 037 116 M2	Connection.....	1	1	-
55	1 038 482 M1	Cap.....	1	1	-
56	1 037 118 M1	Spring.....	1	1	-
57	1 037 119 M1	Cap.....	1	1	-
58	1 038 611 M1	Band.....	1	1	-
59	1 038 610 M1	Clamp.....	1	1	-

Notes: (A) - Used late production.
 (B) - Used early production.

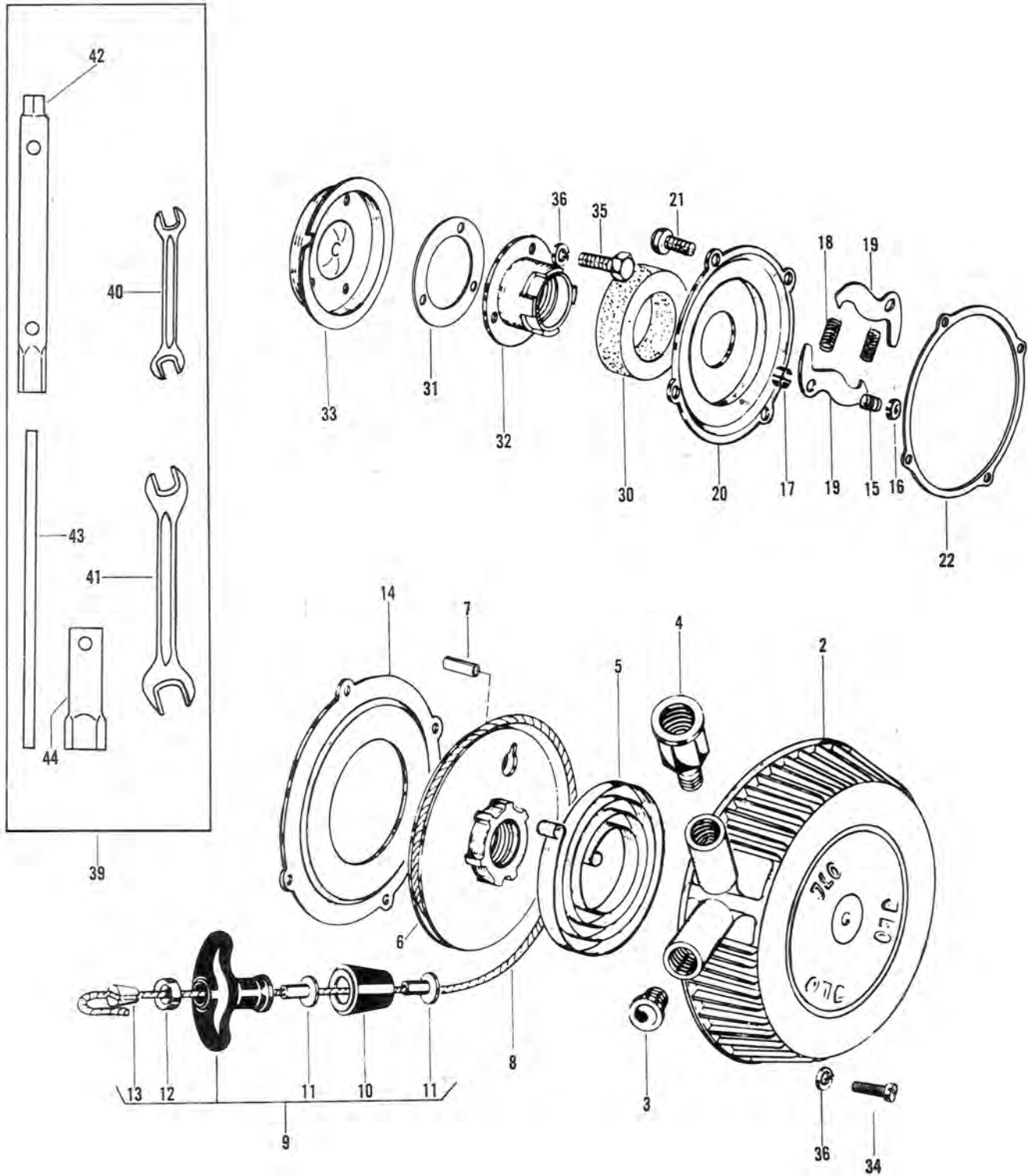
RECOIL STARTER

Ref. No.	Part No.	Description	Number Required		
			300S	350SS	500SST
	1 038 483 M91	Starter Assembly.....	1	1	-
2	1 036 988 M1	Housing.....	1	1	-
3	1 037 122 M1	Plug.....	1	1	-
4	1 036 989 M1	Bushing.....	1	1	-
5	1 036 990 M2	Spring.....	1	1	-
6	1 038 484 M1	Drum.....	1	1	-
7	1 038 634 M1	Pin.....	2	2	-
8	1 037 138 M1	Rope.....	1	1	-
9	1 036 991 M91	Handle Assembly.....	1	1	-
10	1 036 992 M1	Bumper.....	1	1	-
11	1 036 993 M1	Bushing.....	2	2	-
12	1 036 994 M1	Ring.....	1	1	-
13	1 036 995 M1	Key.....	1	1	-
14	1 038 485 M1	Plate.....	1	1	-
15	1 038 486 M1	Spring.....	2	2	-
16	1 036 998 M1	Cap.....	2	2	-
17	1 038 487 M1	Cap.....	2	2	-
18	1 037 001 M1	Spring.....	2	2	-
19	1 038 884 M1	Pawl.....	1	1	-
20	1 038 489 M1	Plate.....	1	1	-
21	1 037 026 M1	Screw (4 MM x 10 MM).....	4	4	-
22	1 038 885 M1	Gasket.....	1	1	-
30	1 037 003 M1	Seal.....	1	1	-
31	1 037 004 M1	Shim.....	x	x	-
32	1 038 490 M1	Carrier.....	1	1	-
33	1 037 006 M1	Pulley.....	1	1	-
34	391 364 X1	Screw (6 MM x 20 MM, Fill. Hd. Sltd.).....	4	4	-
35	339 666 X1	Bolt (6 MM x 22 MM, Hex.).....	4	4	-
36	339 375 X1	Washer (6 MM, Lock).....	7	7	-
39		Kit, Tool (Order Components).....	1	1	-
40	1 038 266 M1	Wrench.....	1	1	-
41	1 038 267 M1	Wrench.....	1	1	-
42	1 038 268 M1	Socket.....	1	1	-
43	1 038 269 M1	Bar.....	1	1	-
44	1 039 390 M1	Socket.....	1	1	-

RECOIL STARTER

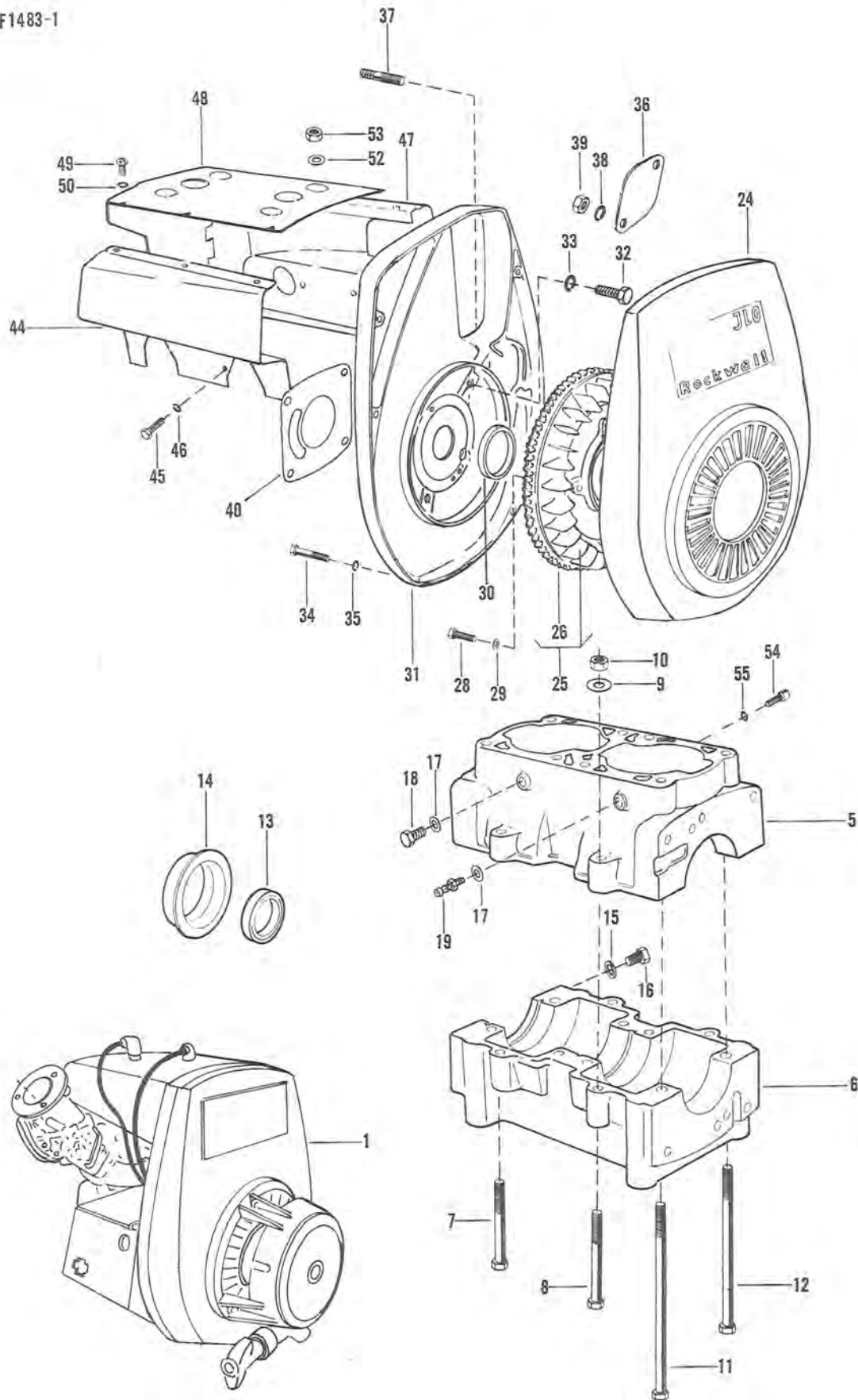
25

F1482-4



ENGINE, CRANKCASE AND FLYWHEEL

F1483-1



ENGINE, CRANKCASE AND FLYWHEEL

27

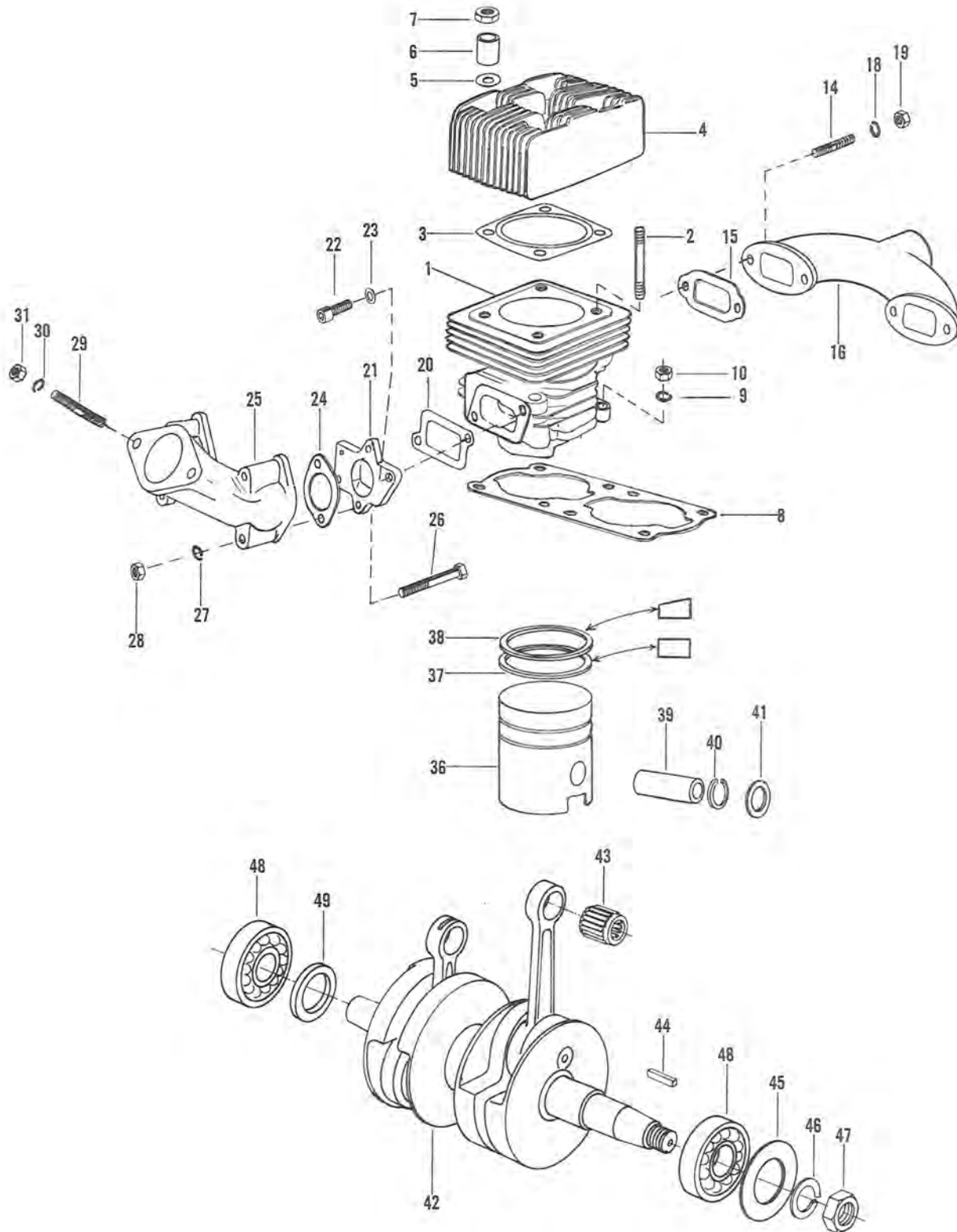
(MF 500SST)

Ref. No.	Part No.	Description	Number required		
			300S	350SS	500SST
1	521 707 M91	Engine Assembly.....	-	-	1
	1 038 612 M91	Crankcase Assembly.....	-	-	1
5		Crankcase Half (Order 1038 612 M91).....	-	-	1
6		Crankcase Half (Order 1038 612 M91).....	-	-	1
7	1 441 713 X1	Bolt (6 MM x 65 MM, Hex.).....	-	-	1
8	1 441 714 X1	Bolt (6 MM x 70 MM, Hex.).....	-	-	3
9	339 375 X1	Washer (6 MM Lock).....	-	-	4
10	339 030 X1	Nut (6 MM, Hex.).....	-	-	4
11	1 038 624 M1	Bolt.....	-	-	4
12	1 038 625 M1	Bolt.....	-	-	4
13	1 441 720 X1	Seal.....	-	-	1
14	1 038 537 M1	Flange.....	-	-	1
15	391 376 X1	Gasket.....	-	-	2
16	339 423 X1	Screw (8 MM x 10 MM).....	-	-	2
17	391 376 X1	Gasket.....	-	-	2
18	1 037 534 M1	Screw.....	-	-	1
19	1 037 445 M1	Nipple.....	-	-	1
24	1 038 570 M1	Cover.....	-	-	1
25	1 038 571 M91	Flywheel Assembly.....	-	-	1
26	1 036 986 M1	Gear.....	-	-	1
	391 275 X1	Pin (Not Illustrated).....	-	-	3
28	391 364 X1	Bolt (6 MM x 20 MM Fill. Hd. Sltd.).....	-	-	4
29	1 440 998 X1	Washer (6 MM Wave Lock).....	-	-	4
30	1 441 719 X1	Seal.....	-	-	1
31	1 038 568 M1	Housing.....	-	-	1
32	339 761 X1	Bolt (6 MM x 28 MM, Hex.).....	-	-	4
33	353 446 X1	Washer (5/16" Lock).....	-	-	4
34	1 441 712 X1	Bolt (6 MM x 28 MM, Hex.).....	-	-	5
34	1 441 268 X1	Bolt (6 MM x 30 MM, Hex.).....	-	-	1
35	339 375 X1	Washer (6 MM Lock).....	-	-	6
36	1 037 031 M1	Cover.....	-	-	1
37	1 037 017 M1	Stud.....	-	-	2
38	353 446 X1	Washer (5/16" Lock).....	-	-	2
39	339 169 X1	Nut (8 MM, Hex.).....	-	-	2
40	1 038 569 M1	Gasket.....	-	-	1
44	1 038 574 M1	Cover.....	-	-	1
45	339 560 X1	Bolt (6 MM x 15 MM).....	-	-	1
46	1 440 998 X1	Washer (6 MM Wave Lock).....	-	-	1
47	1 038 573 M1	Cover.....	-	-	1
48	1 038 572 M1	Shroud.....	-	-	1
49	1 441 718 X1	Screw.....	-	-	6
50	1 037 024 M1	Washer.....	-	-	6
52	391 363 X1	Washer (10 MM Wave Lock).....	-	-	4
53	339 433 X1	Nut.....	-	-	4
54	1 038 810 M1	Bolt.....	-	-	2
55	359 004 X1	Washer (1/4" Skpf.).....	-	-	2

CYLINDER, CRANKSHAFT, PISTON AND HEAD

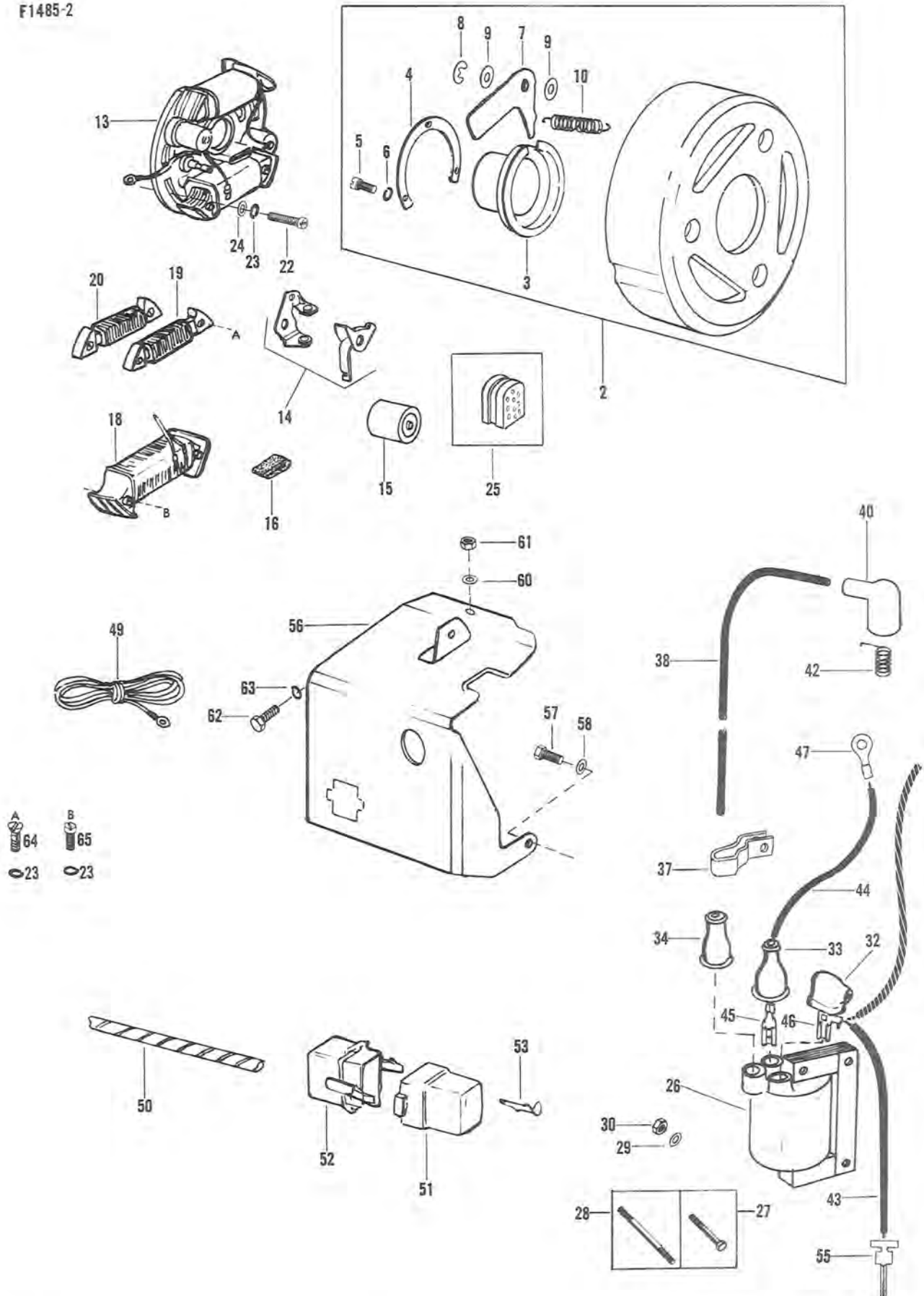
Ref. No.	Part No.	Description	Number Required		
			300S	350SS	500SST
1	1 038 543 M91	Cylinder Assembly.....	-	-	2
2	1 440 964 X1	Stud (10 MM x 65 MM).....	-	-	4
3	1 038 551 M1	Gasket.....	-	-	2
4	1 038 550 M1	Head.....	-	-	2
5	390 734 X1	Washer (10 MM x 21 MM x 1 MM).....	-	-	8
6	1 038 630 M1	Spacer.....	-	-	8
7	339 402 X1	Nut (10 MM, Hex.).....	-	-	8
8	1 038 544 M1	Gasket.....	-	-	1
9	353 446 X1	Washer (5/16" Lock).....	-	-	8
10	339 169 X1	Nut (8 MM, Hex.).....	-	-	8
14		Stud.....	-	-	4
15	1 038 546 M1	Gasket.....	-	-	4
16	1 038 887 M1	Manifold.....	-	-	1
18	353 446 X1	Washer (5/16" Lock).....	-	-	4
19	339 169 X1	Nut (8 MM, Hex.).....	-	-	4
20	1 038 545 M1	Gasket.....	-	-	2
21	1 038 547 M2	Flange.....	-	-	2
22	391 980 X1	Screw (6 MM x 30 MM, Hex., Socket Hd.).....	-	-	4
23	390 902 X1	Washer.....	-	-	4
24	1 038 548 M2	Gasket.....	-	-	2
25	1 038 886 M1	Manifold.....	-	-	1
26	1 441 715 M1	Bolt (8MM x 65 MM).....	-	-	4
27	353 446 X1	Washer (5/16" Lock).....	-	-	4
28	339 169 X1	Nut (8 MM, Hex.).....	-	-	4
29	1 038 888 M1	Stud (8 MM x 18 MM).....	-	-	2
30	339 179 X1	Washer (8 MM, Lock).....	-	-	2
31	339 169 X1	Nut (8 MM, Hex.).....	-	-	2
36	1 039 400 M91	Piston Assembly (Incl. items 37 thru 41).....	-	-	2
36	1 038 539 M91	Piston Assembly (Order 1 039 400 M91).....	-	-	2
37	1 038 540 M1	Ring.....	-	-	1
38	1 038 541 M2	Ring.....	-	-	1
39	1 038 629 M1	Pin.....	-	-	1
40	1 441 711 X1	Ring.....	-	-	2
41	1 038 542 M1	Retainer.....	-	-	2
42	1 038 538 M91	Crankshaft Assembly.....	-	-	1
43	1 038 626 M1	Bearing.....	-	-	2
44	1 037 019 M1	Key.....	-	-	1
45	1 038 628 M1	Washer.....	-	-	1
46	339 378 X1	Washer (10 MM, Lock).....	-	-	1
47	1 037 535 M1	Nut.....	-	-	1
48	GA 1 773	Bearing.....	-	-	2
49	1 038 627 M1	Spacer.....	-	-	1

F1484-1



ELECTRICAL

F1485-2



ELECTRICAL

31

Ref. No.	Part No.	Description	Number Required		
			300S	350SS	500SST
	1 038 552 M91	Magneto Assembly.....	-	-	1
2	1 038 553 M91	Flywheel Assembly.....	-	-	1
3	1 038 555 M1	Cam.....	-	-	1
4	1 038 054 M1	Ring.....	-	-	1
5	1 037 450 M1	Screw.....	-	-	3
6	1 037 449 M1	Washer.....	-	-	3
7	1 038 556 M1	Weight.....	-	-	1
8	1 037 446 M1	Retainer.....	-	-	1
9	1 038 632 M1	Washer.....	-	-	2
10	1 037 447 M1	Spring.....	-	-	1
13	1 038 554 M91	Armature Assembly.....	-	-	1
14	1 038 557 M91	Point Set.....	-	-	2
15	1 037 108 M1	Condenser.....	-	-	2
16	1 038 619 M1	Felt.....	-	-	1
18	1 038 560 M1	Coil.....	-	-	1
19	1 038 558 M1	Coil.....	-	-	1
20	1 038 559 M1	Coil.....	-	-	1
22	1 441 717 X1	Screw (5 MM x 25 MM).....	-	-	2
23	339 381 X1	Washer (5 MM Lock).....	-	-	2
24	353 752 X1	Washer (#8 Flat).....	-	-	2
25	1 038 561 M1	Grommet.....	-	-	1
26	1 037 042 M1	Coil.....	-	-	2
27 (A)	1 040 324 M1	Bolt.....	-	-	2
28 (B)	1 038 633 M1	Stud.....	-	-	2
29	1 037 024 M1	Washer (5 MM, Wave Lock).....	-	-	4
30	390 995 X1	Nut (5 MM, Hex.).....	-	-	2
32	1 037 119 M1	Cap.....	-	-	2
33	1 037 135 M1	Cap.....	-	-	2
34	1 037 113 M1	Cap.....	-	-	2
37	1 038 567 M1	Support.....	-	-	1
38	1 038 563 M1	Wire.....	-	-	1
38	1 038 564 M1	Wire.....	-	-	1
40	1 038 482 M1	Cap.....	-	-	2
42	1 037 118 M1	Spring.....	-	-	2
43	1 038 562 M1	Wire (110 MM).....	-	-	2
44	1 038 614 M1	Wire.....	-	-	2
45	1 037 115 M1	Connector.....	-	-	2
46	1 037 114 M1	Connector.....	-	-	2
47	1 037 116 M2	Connector.....	-	-	2
49	1 038 474 M1	Wire.....	-	-	1
50	1 038 613 M1	Band.....	-	-	1
51	522 097 M1	Plug.....	-	-	1
52	1 038 566 M1	Plug.....	-	-	1
53	1 038 620 M1	Terminal.....	-	-	5
55	1 038 621 M1	Terminal.....	-	-	5
56	1 038 565 M1	Cover.....	-	-	1
57	1 038 665 M1	Bolt (6MM x 12 MM, Hex.).....	-	-	1
58	1 440 998 X1	Washer (Spring Type).....	-	-	1
60	339 179 X1	Washer (8 MM Wave Lock).....	-	-	1
61	391 255 X1	Nut (8 MM, Hex.).....	-	-	1
62	339 560 X1	Bolt (6 MM x 15 MM).....	-	-	2
63	339 375 X1	Washer (6 MM Lock).....	-	-	2
64	1 038 898 M1	Screw (5 MM x 25 MM).....	-	-	2
65	1 038 060 M1	Screw (5 MM x 18 MM).....	-	-	2

Notes: (A) - Used Late Production.

(B) - Used Early Production. For repairs order (1) 1 040 324 M1, Bolt.

RECOIL STARTER

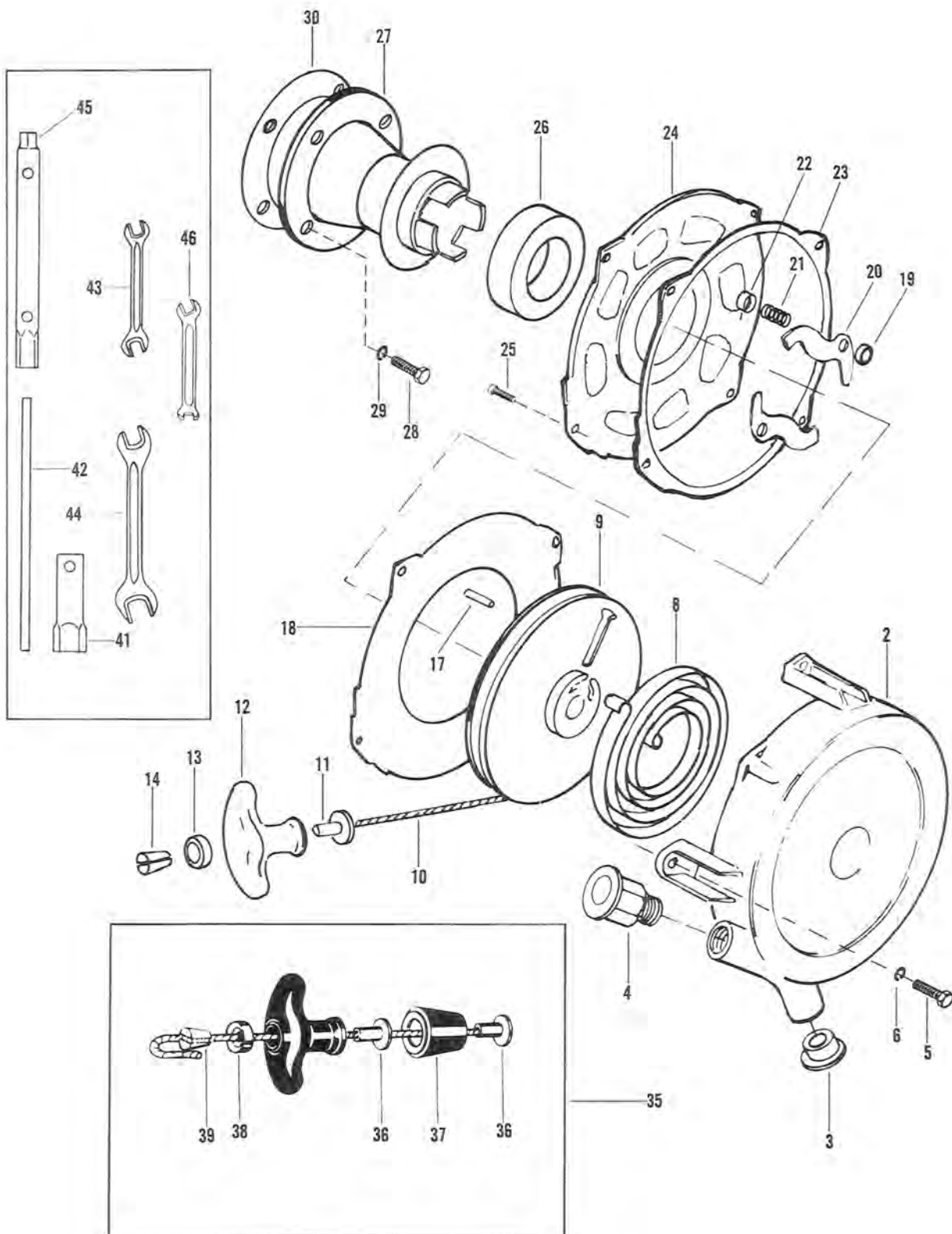
Ref. No.	Part No.	Description	Number Required		
			300S	350SS	500SST
	1 038 575 M91	Recoil Assembly.....	-	-	1
2	1 038 576 M1	Housing.....	-	-	1
3	1 037 122 M1	Plug.....	-	-	1
4	1 038 622 M1	Bushing.....	-	-	1
5	390 737 X1	Bolt (6 MM x 18 MM, Hex.).....	-	-	3
6	339 375 X1	Washer (6 MM, Lock).....	-	-	3
8	1 036 990 M2	Spring.....	-	-	1
9	1 038 577 M1	Drum.....	-	-	1
10	1 037 138 M1	Rope.....	-	-	1
11	1 036 993 M1	Bushing.....	-	-	1
12 (A)		Handle.....	-	-	1
13	1 036 994 M1	Ring.....	-	-	1
14	1 036 995 M1	Key.....	-	-	1
17	1 038 634 M1	Pin.....	-	-	1
18	1 038 579 M1	Plate.....	-	-	1
19	1 036 998 M1	Cap.....	-	-	2
20	1 038 884 M1	Pawl.....	-	-	2
21	1 038 486 M1	Spring.....	-	-	2
22	1 038 487 M1	Cap.....	-	-	2
23	1 038 583 M1	Gasket.....	-	-	1
24	1 038 580 M1	Plate.....	-	-	1
25	1 037 026 M1	Screw.....	-	-	4
26	1 038 615 M1	Seal.....	-	-	1
27	1 038 582 M91	Carrier Assembly.....	-	-	1
28	390 737 X1	Bolt (6 MM x 18 MM, Hex.).....	-	-	4
29	339 375 X1	Washer (6 MM, Lock).....	-	-	4
30	1 038 581 M1	Shim.....	-	-	x
35 (B)	1 036 991 M91	Handle Assembly.....	-	-	1
36	1 036 993 M1	Bushing.....	-	-	2
37	1 036 992 M1	Bumper.....	-	-	1
38	1 036 994 M1	Ring.....	-	-	1
39	1 036 995 M1	Key.....	-	-	1
40		Kit, Tool (Order Components).....	-	-	1
41	1 039 390 M1	Socket.....	-	-	1
42	1 038 269 M1	Bar.....	-	-	1
43	1 038 266 M1	Wrench.....	-	-	1
44	1 038 267 M1	Wrench.....	-	-	1
45	1 038 268 M1	Socket (17 MM).....	-	-	1
46	1 038 889 M1	Wrench (Special Offset).....	-	-	1

Note: (A) - For repairs order: (1) 1 036 991 M91 Handle Assembly, See item 35.
 (B) - Used for repairs to item 12 Handle Assembly. Assembly may include parts not required in this application.

RECOIL STARTER

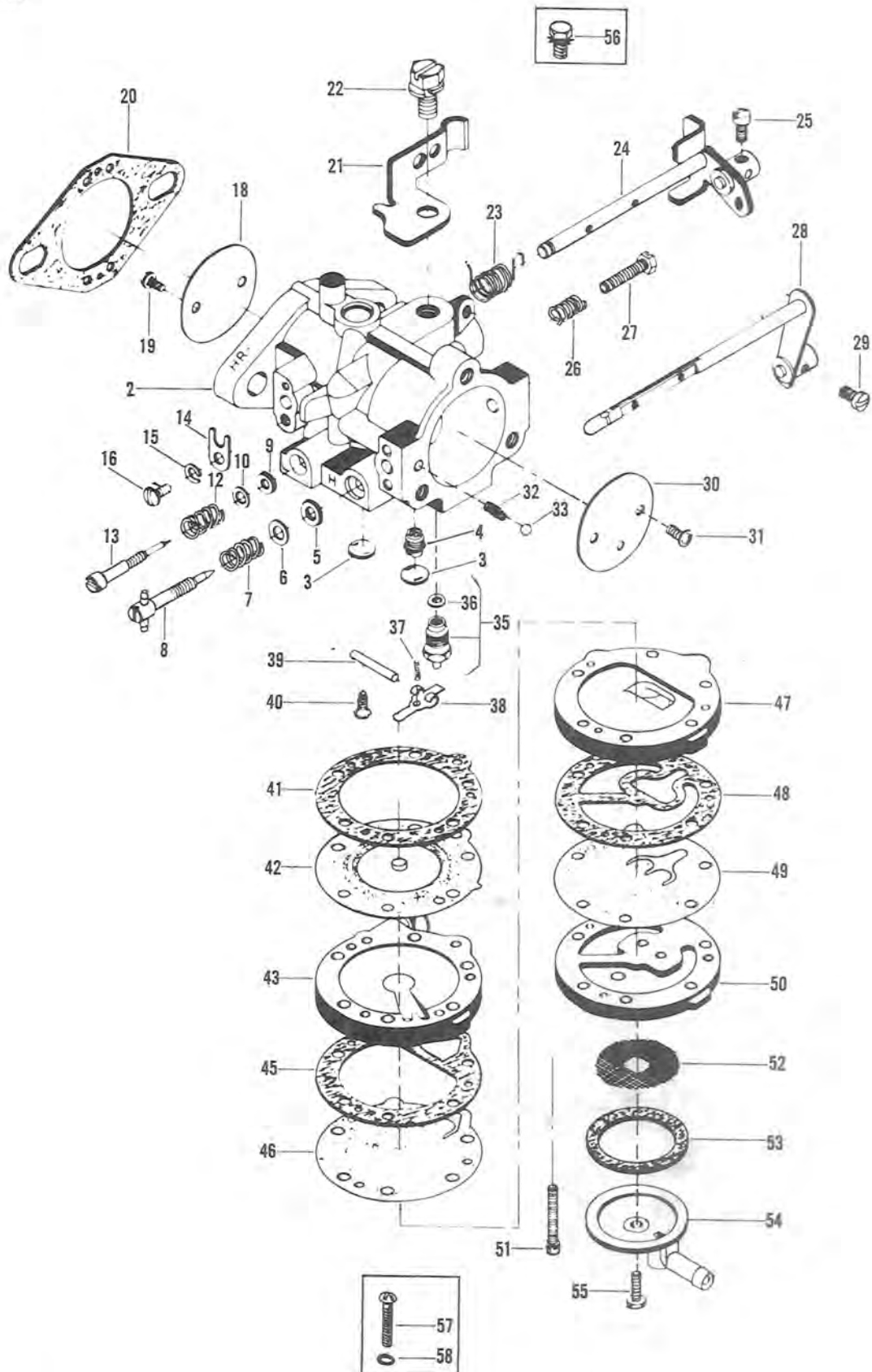
33

F1486-1



CARBURETER

F1487



CARBURETER

35

Ref. No.	Part No.	Description	Number Required		
			300S	350SS	500SST
	521 994 M91	Carbureter Assembly.....	1	-	-
	521 996 M91	Carbureter Assembly.....	-	1	-
	521 995 M91	Carbureter Assembly.....	-	-	1
2		Body (Order Complete Assembly Number).....	1	1	1
3 (A)	1 037 609 M1	Plug.....	2	2	2
4 (A)	1 037 522 M1	Valve.....	1	1	1
5 (B)	1 037 496 M1	Packing.....	1	1	1
6 (B)	1 037 605 M1	Washer (3/16 x 5/16 x 1/32" Brass).....	1	1	1
7 (A)	1 037 494 M1	Spring.....	1	1	1
8 (A)	1 037 514 M1	Screw.....	1	1	1
9 (B)	1 037 497 M1	Packing.....	1	1	1
10 (B)	1 037 606 M1	Washer (3/16 x 17/64 x 1/64" Brass).....	1	1	1
12 (A)	1 037 495 M1	Spring.....	1	1	1
13 (A)	1 038 641 M1	Screw.....	1	1	1
14	1 037 518 M1	Clip.....	1	1	1
15	353 444 X1	Washer (#8 Lock).....	1	1	1
16	363 712 X1	Screw (#8 x 5/16" NC, Sltd.).....	1	1	1
18	1 038 645 M1	Plate.....	1	1	1
19 (A)	1 037 612 M91	Screw Assembly (#4 x 1/4" NC, Rd. Hd. W/Lock Washer)..	2	2	2
20 (B)	1 037 531 M1	Gasket.....	1	1	1
21	1 037 529 M1	Bracket.....	1	1	1
22 (C)		Screw Assembly (Order (1) 350 041 X1 Screw (1/4 x 5/8" NC, Hex. W/Lock Washer).....	1	1	1
23 (A)	1 037 526 M1	Spring.....	1	1	1
24	1 037 769 M91	Shaft Assembly.....	1	1	1
25 (A)	358 994 X1	Screw (#8 x 5/16 NC, Fill. Hd.).....	1	1	1
26 (A)	1 037 500 M1	Spring.....	1	1	1
27 (A)	1 037 499 M1	Screw.....	1	1	1
28	1 037 472 M91	Shaft Assembly.....	1	1	-
28	1 037 741 M91	Shaft Assembly.....	-	-	1
29 (A)	358 994 X1	Screw (#8 x 5/16" Fill. Hd.).....	1	1	1
30	1 038 636 M1	Plate.....	1	1	1
31	1 037 612 M91	Screw Assembly (#4 x 1/4" NC, Rd. Hd. W/Lock Washer)..	2	2	2
32	1 037 470 M1	Spring.....	1	1	1
33	1 037 469 M1	Ball.....	1	1	1
35 (A)	1 037 505 M91	Needle And Seat Assembly.....	1	1	1
36 (B)	1 037 507 M1	Gasket.....	1	1	1
37 (A)	1 037 508 M1	Spring.....	1	1	1
38 (A)	1 037 502 M1	Lever.....	1	1	1
39 (A)	1 037 503 M1	Pin.....	1	1	1
40 (A)	1 037 610 M1	Screw (#4 x 5/16" NC, Oval Hd.).....	1	1	1
41 (B)	1 037 479 M1	Gasket.....	1	1	1
42 (A)	1 037 478 M1	Diaphragm.....	1	1	1
43	1 038 637 M1	Cover.....	1	1	-
43	1 038 742 M1	Cover.....	-	-	1
45 (B)	1 038 638 M1	Gasket.....	1	1	1
46 (A)	1 038 640 M1	Diaphragm.....	1	1	1
47	1 038 639 M1	Body.....	1	1	1
48 (B)	1 038 644 M1	Gasket.....	1	1	1
49 (A)	1 038 643 M1	Diaphragm.....	1	1	1
50	1 038 642 M1	Body.....	1	1	1
51 (D)		Screw Assembly (Order (1) 358 683 X1 Screw (#6 x 3/4" NC, Sltd. and (1) 195 441 M1 Washer)	6	6	6
52 (A)	1 037 489 M1	Screen.....	1	1	1
53 (B)	1 037 490 M1	Gasket.....	1	1	1
54	1 037 491 M1	Cover.....	1	1	1
55 (A)	375 213 X1	Screw (#6 x 1/2" NC, Sltd.).....	1	1	1
56 (E)	350 041 X1	Screw (1/4 x 5/8" NC, Hex. W/Lock Washer).....	x	x	x
57 (F)	358 683 X1	Screw (#6 x 3/4" NC, Sltd.).....	x	x	x
58 (F)	195 441 M1	Washer (#10 Lock).....	x	x	x
	836 579 M91	Kit, Carbureter Repair (Incl. all items marked "A")....	1	1	1
	836 580 M91	Kit, Gasket And Packing (Incl. all items marked "B")..	1	1	1

Notes: (C) - For repairs order 350 041 X1 Screw, (Item 56).

(D) - For repairs order 358 683 X1 Screw, and 195 441 M1 Washer, (Items 57 and 58).

(E) - Never used in production. Repairs for item 22 only.

(F) - Never used in production. Repairs for item 51 only.

ACCESSORIES

TORSION SPRING

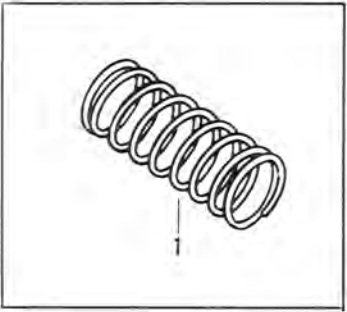
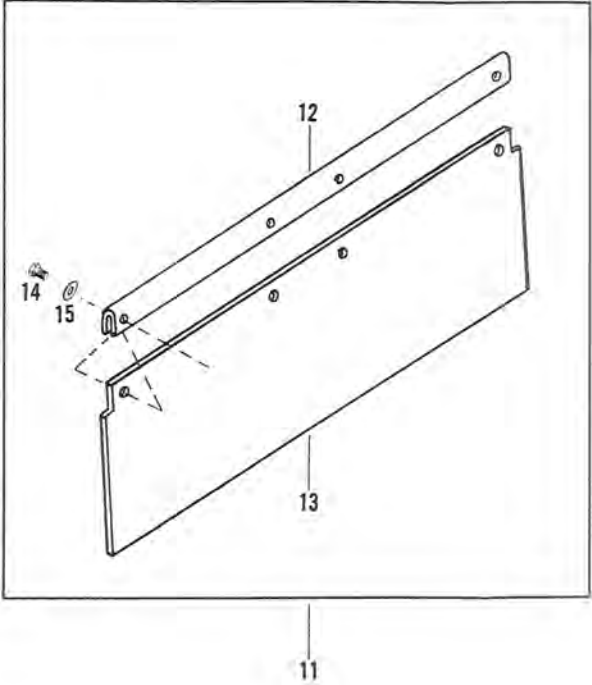
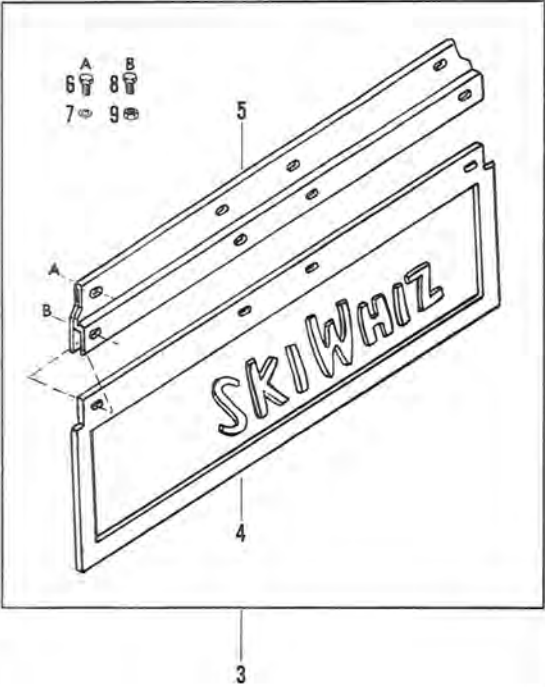
(10 011 A91)

Ref. No.	Part No.	Description	Number Required		
			300S	350SS	500SST
1	522 329 M1	Spring.....	1	1	-

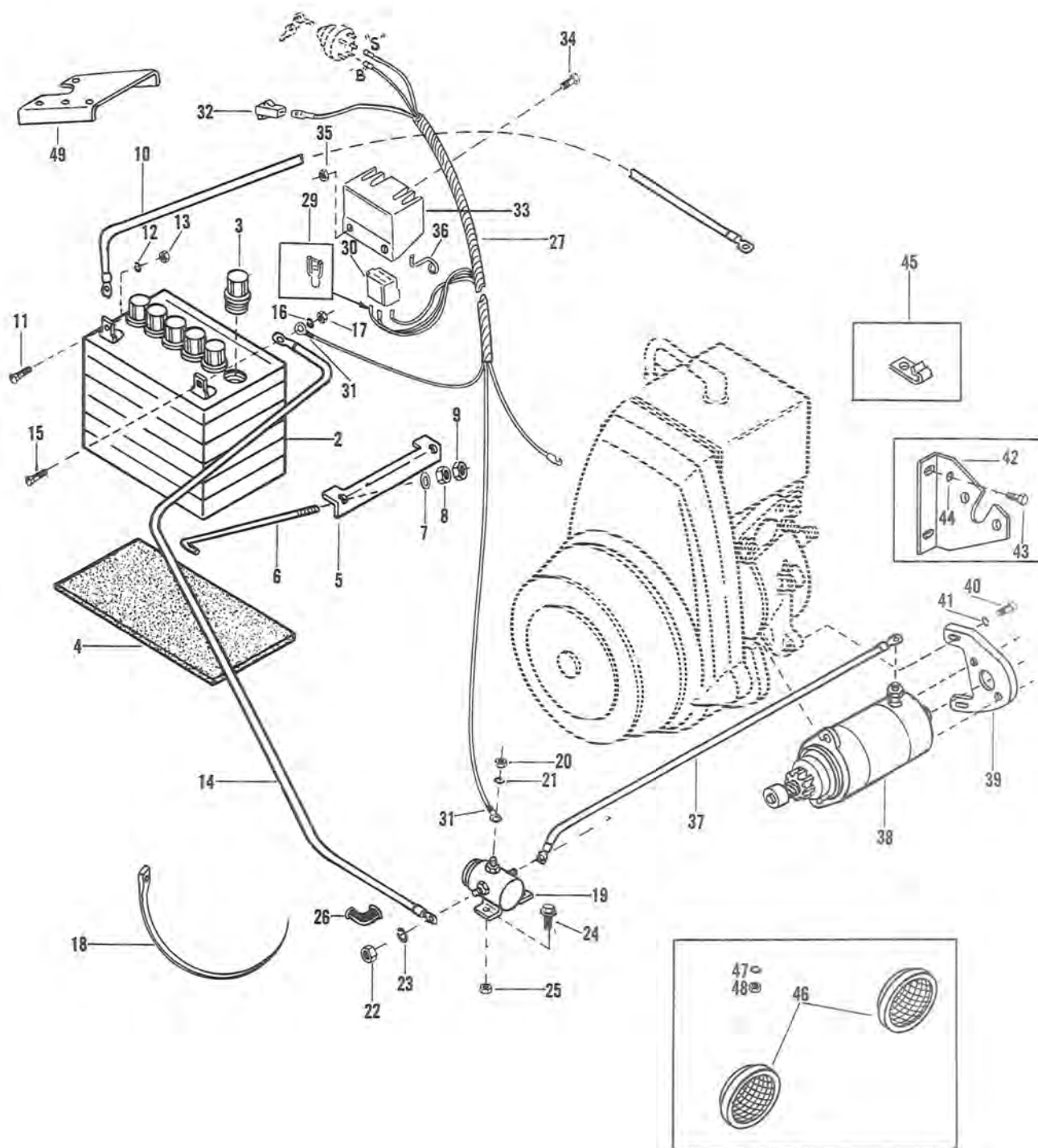
SNOW FLAP

3	10 002 A92	Kit, Snow Flap.....	1	1	1
4		Flap.....	1	1	1
5		Clip.....	1	1	1
6	365 204 X1	Bolt (5/16 x 3/16" NF, Hex., Lock).....	4	4	4
7	353 755 X1	Washer (5/16" Flat).....	2	2	2
8	367 150 X1	Bolt (5/16 x 1" NF, Hex., Lock).....	4	4	4
9	364 705 X1	Nut (5/16" NF, Hex., Lock).....	4	4	4
11	10 002 A91	Kit, Snow Flap (Order 10 002 A92).....	1	1	1
12		Flap.....	1	1	1
13		Cup.....	1	1	1
14	367 150 X1	Bolt (5/16 x 1" NC, Flange Lock).....	4	4	4
15	353 755 X1	Washer (5/16" Flat).....	2	2	2

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F1490-1



ELECTRICAL START KIT

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(W/BOSCH STARTER)

Ref. No.	Part No.	Description	Number Required		
			300S	350SS	500SST
(A)	10 003 A92	Kit Assembly.....	1	1	-
(B)	10 003 A91	Kit Assembly.....	1	1	-
	10 004 A91	Kit Assembly.....	-	-	1
2	514 214 M2	Battery.....	1	1	1
3	1 037 434 M1	Cap.....	6	6	6
4	519 798 M1	Pad.....	1	1	1
5	522 218 M1	Bracket.....	1	1	1
6	522 275 M1	Rod.....	2	2	3
7	353 754 X1	Washer (1/4" Flat).....	2	2	2
8	355 564 X1	Nut (1/4" NC, Hex.).....	2	2	2
9	375 107 X1	Nut (1/4" NC, Half Hex.).....	2	2	2
10	519 796 M91	Cable Assembly.....	1	1	1
11	364 943 X1	Bolt (1/4 x 3/4" NC, Carr.).....	1	1	1
12	353 441 X1	Washer (1/4" Flat).....	1	1	1
13	355 564 X1	Nut (1/4" NC, Hex.).....	1	1	1
14	521 990 M91	Cable Assembly.....	1	1	1
15	364 352 X1	Bolt (5/16 x 3/4" NC, Carr.).....	1	1	1
16	353 446 X1	Washer (5/16" Flat).....	1	1	1
17	355 565 X1	Nut (5/16" NC, Hex.).....	1	1	-
18	517 587 M1	Strap.....	5	5	5
19	182 696 M91	Solenoid.....	1	1	1
20	358 990 X1	Nut (#10 NF, Hex.).....	1	1	1
21	353 445 X1	Washer (#10 Lock).....	1	1	1
22	353 917 X1	Nut (5/16" NF, Hex.).....	2	2	2
23	353 446 X1	Washer (5/16" Lock).....	2	2	2
24	365 183 X1	Screw (1/4 x 1/2" NC, Hex., Lock).....	2	2	2
25	365 180 X1	Nut (1/4" NC, Hex., Lock).....	2	2	2
26	512 177 M1	Boot.....	1	1	1
27	522 171 M91	Harness Assembly.....	1	1	-
27	522 072 M91	Harness Assembly.....	-	-	1
29	522 172 M1	Terminal.....	2	2	2
30	522 180 M1	Connector.....	1	1	1
31	1 750 609 M1	Sleeve.....	2	2	2
32	504 816 M1	Connector.....	1	1	1
33	522 246 M1	Rectifier.....	1	1	1
	1 039 043 M1	Fuse (Not Illustrated).....	1	1	1
34 (C)	353 666 X1	Bolt (1/4 x 5/8" NC, Hex.).....	3	3	3
34 (D)	365 183 X1	Bolt (1/4 x 1/2" NC, Hex.).....	3	3	3
35 (C)	367 480 X1	Nut (1/4" NC, Hex., Lock).....	3	3	3
35 (D)	365 180 X1	Nut (1/4" NC, Hex., Lock).....	3	3	3
36	522 182 M1	Retainer.....	1	1	1
37	522 274 M91	Cable Assembly.....	1	1	1
38		Starter Assembly (See Page 40).....	1	1	1
39	522 541 M1	Bracket.....	1	1	-
40	522 183 M1	Bolt (8 MM Special).....	2	2	-
41	353 446 X1	Washer (5/16" Lock).....	2	2	-
42	522 540 M1	Bracket.....	-	-	1
43	339 560 X1	Bolt (6 MM x 16 MM Hex.).....	-	-	2
44	353 441 X1	Washer.....	-	-	2
45	506 293 M1	Clip.....	-	-	1
46 (D)	522 217 M1	Headlamp.....	2	2	2
47 (D)	353 445 X1	Washer (#10 Lock).....	2	2	2
48 (D)	390 995 X1	Nut (5 MM Hex.).....	2	2	2
49	523 336 M1	Bracket.....	1	1	-

Notes: (A) - Never used in production, for service only.
 (B) - Used in production, for repairs order 10 003 A92.
 (C) - Used in 10 003 A92 Kit Assembly.
 (D) - Used in 10 003 A91 Kit Assembly.

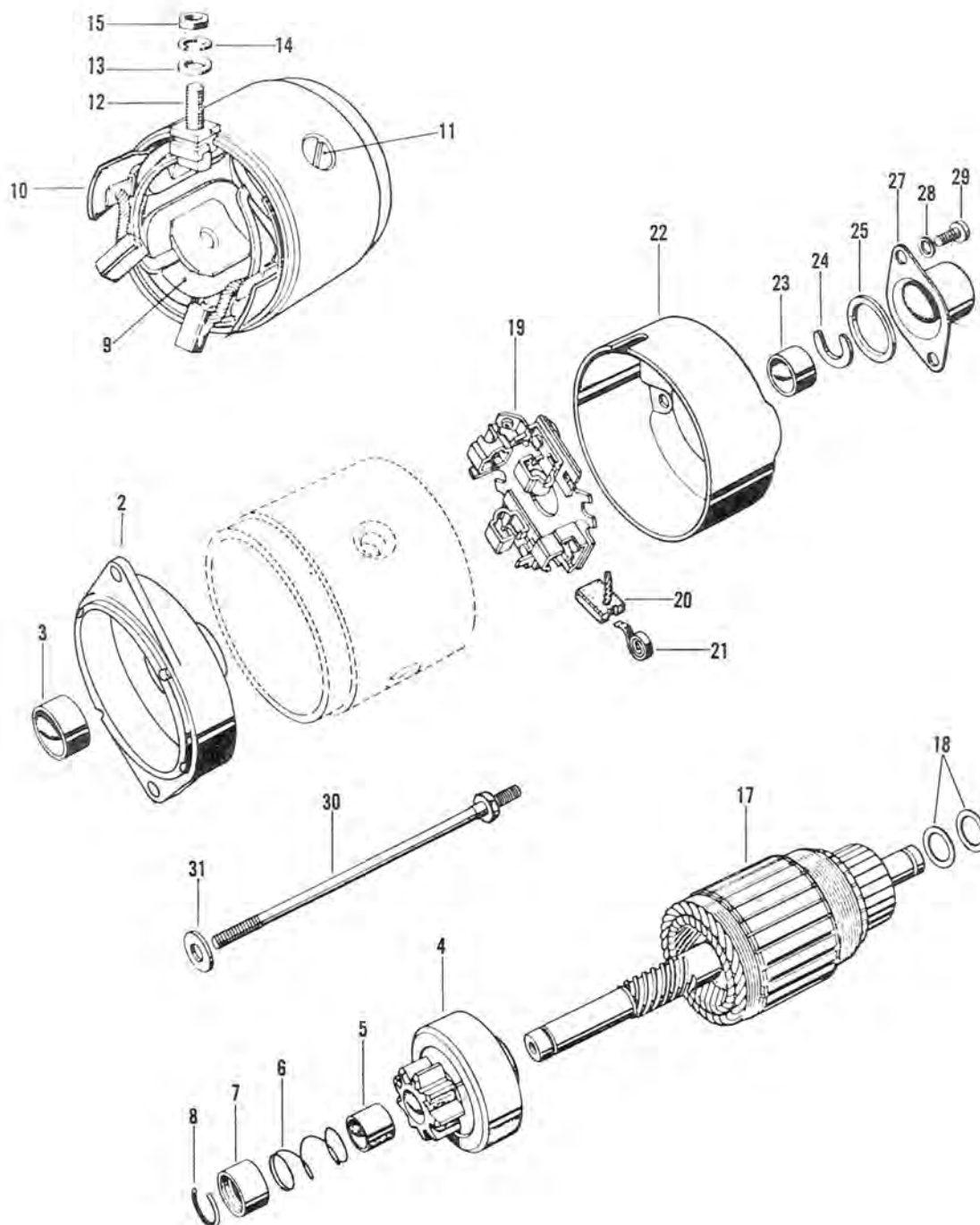
STARTER

(SEE NOTE "B")

Ref. No.	Part No.	Description	Number Required		
			300S	350SS	506SST
	522 539 M91	Starter Assembly.....	1	1	1
2	1 038 784 M91	Cover Assembly.....	1	1	1
3	1 038 785 M1	Bushing.....	1	1	1
4	1 038 790 M91	Drive Assembly.....	1	1	1
5	1 038 791 M1	Bushing.....	1	1	1
6	1 038 796 M1	Spring.....	1	1	1
7	1 038 797 M1	Retainer.....	1	1	1
8 (A)		Ring.....	1	1	1
9	1 038 782 M91	Coil Assembly.....	1	1	1
10	1 038 783 M1	Insulator.....	1	1	1
11		Screw.....	2	2	2
12 (A)		Stud.....	1	1	1
13		Washer.....	1	1	1
14		Washer.....	1	1	1
15		Nut.....	1	1	1
17	1 038 786 M1	Armature.....	1	1	1
18 (A)		Washer.....	2	2	2
19	1 038 789 M91	Holder Assembly.....	1	1	1
20	1 038 792 M91	Brush (Set of Four Brushes).....	1	1	1
21	1 038 793 M1	Spring.....	4	4	4
22	1 038 787 M91	Cover Assembly.....	1	1	1
23	1 038 788 M1	Bushing.....	1	1	1
24 (A)		Ring.....	1	1	1
25 (A)		Gasket.....	1	1	1
27	1 038 795 M1	Cover.....	1	1	1
28		Washer.....	2	2	2
29		Screw.....	2	2	2
30	1 038 794 M1	Bolt.....	2	2	2
31		Washer.....	2	2	2
	1 038 798 M91	Armature Kit (Incl. all items marked "A").....	1	1	1

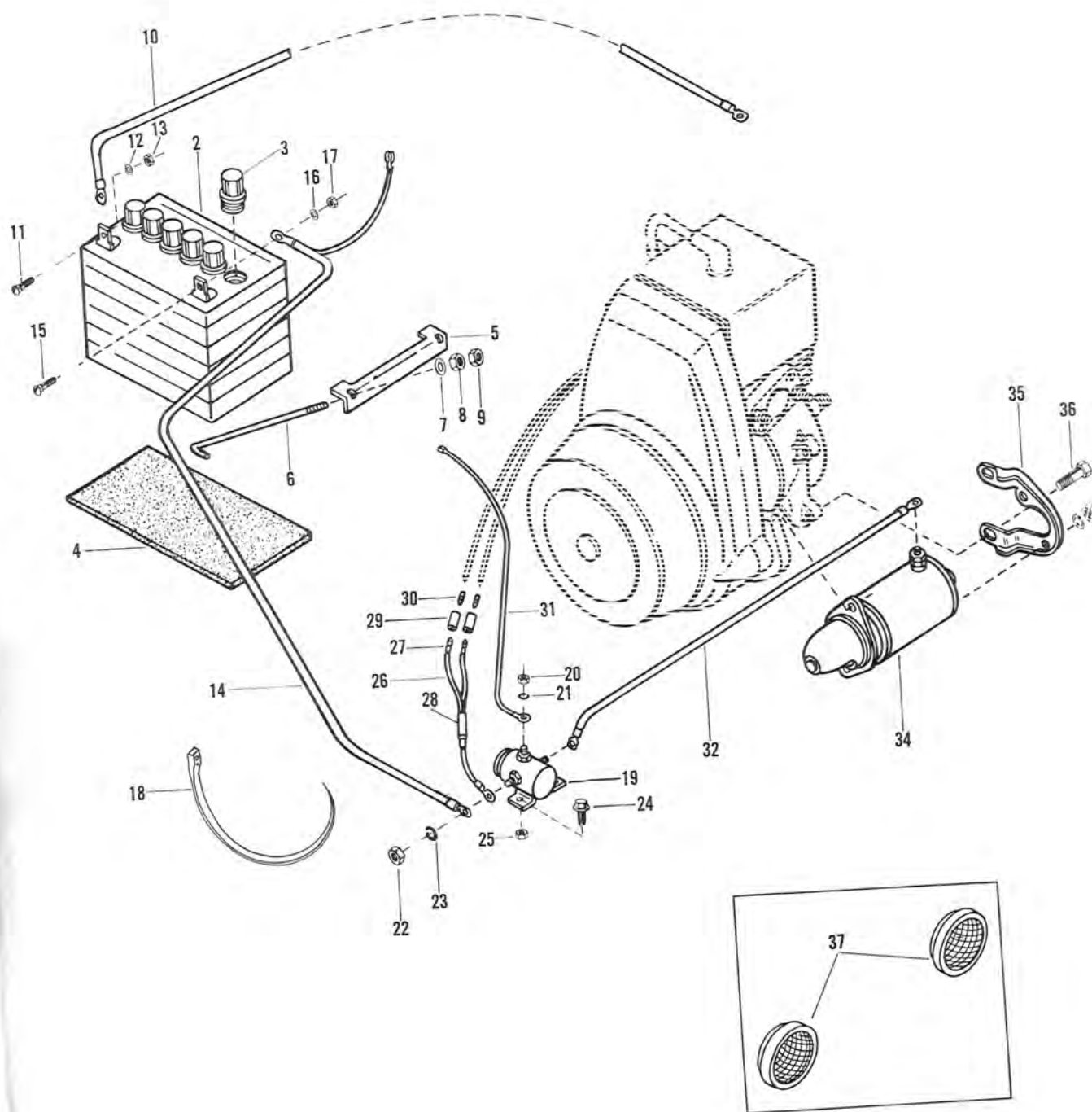
Note: (B) - For use with 10 003 A92 and 10 004 A91 Starter Kits only.

F1491



ELECTRICAL START KIT

F1492



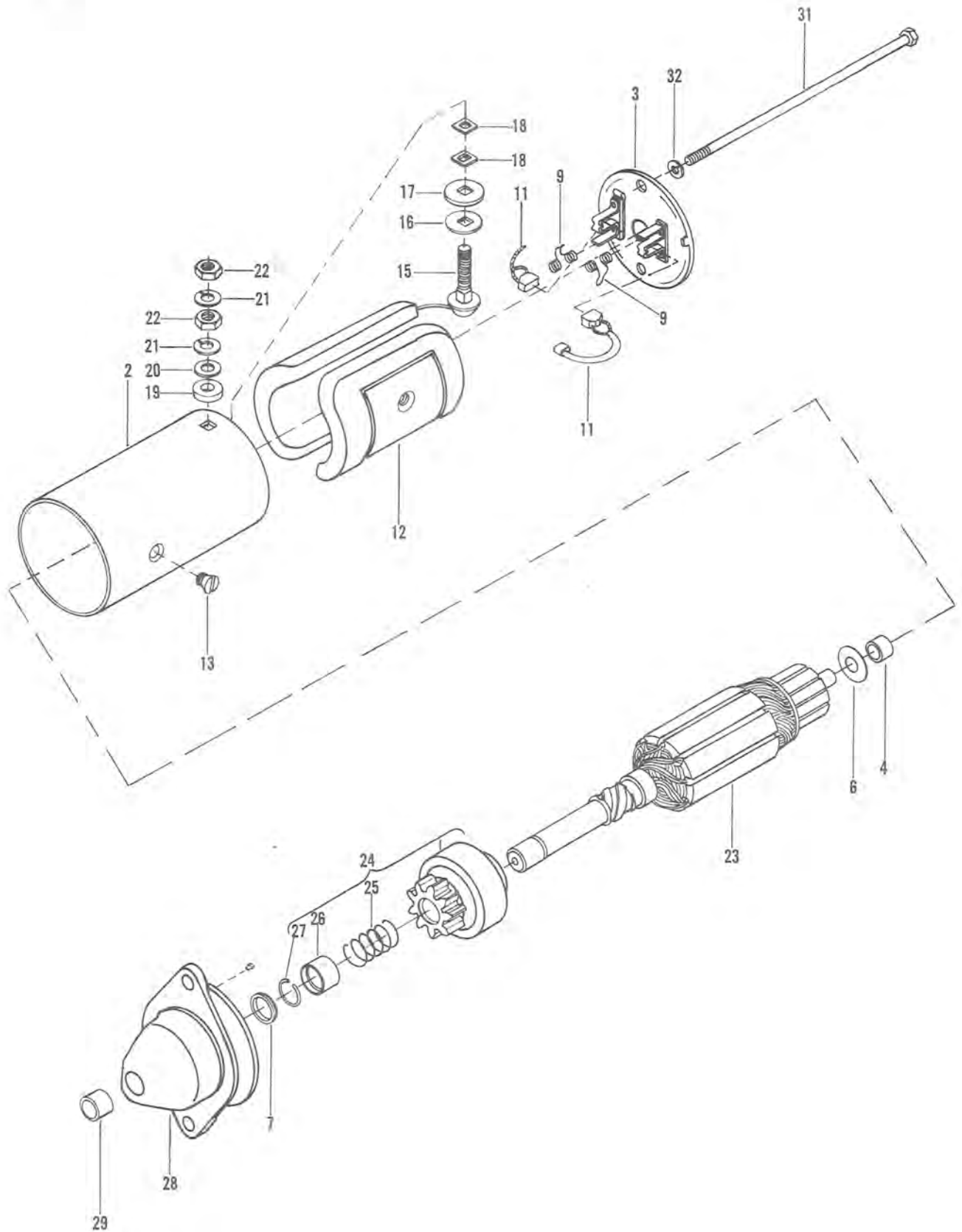
STARTER

(SEE NOTE "A")

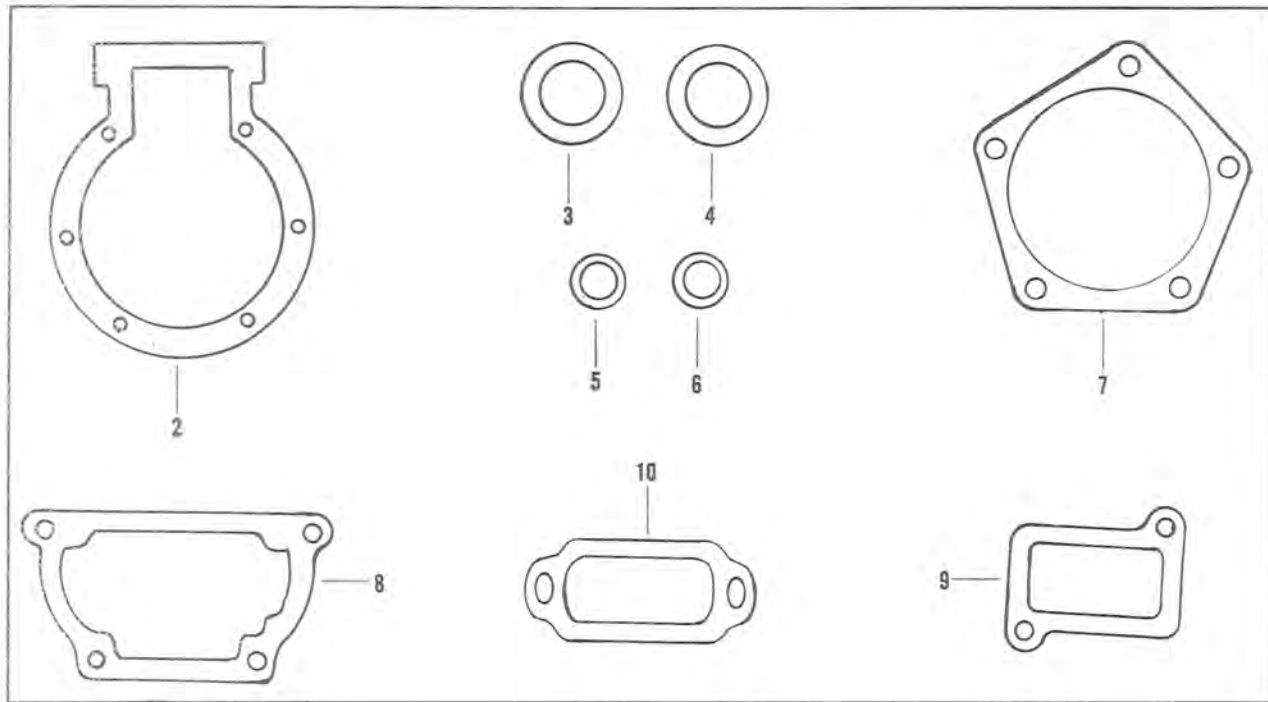
Ref. No.	Part No.	Description	Number Required		
			300S	350SS	500SST
2	519 803 M91	Starter Assembly.....	1	1	-
3		Housing.....	1	1	-
4	1 037 538 M91	End Assembly.....	1	1	-
		Bushing.....	1	1	-
6	836 486 M91	Kit, Thrust Washer.....	1	1	-
7		Washer.....	1	1	-
		Washer.....	1	1	-
9	836 485 M91	Kit, Brush Spring.....	1	1	-
		Spring.....	2	2	-
11	836 484 M91	Kit, Brush.....	1	1	-
12		Brush.....	2	2	-
13	1 037 537 M91	Coil Assembly.....	1	1	-
		Screw.....	2	2	-
15	836 483 M91	Kit, Stud.....	1	1	-
16		Stud.....	1	1	-
17		Washer.....	1	1	-
18		Washer.....	1	1	-
19		Insulator.....	2	2	-
20		Washer.....	1	1	-
21	353 441 X1	Washer (1/4" Lock).....	2	2	-
22	355 564 X1	Nut (1/4" NC, Hex., Brass).....	2	2	-
23	1 037 536 M91	Armature Assembly.....	1	1	-
24	1 037 541 M91	Drive Assembly.....	1	1	-
25		Spring.....	1	1	-
26		Bushing.....	1	1	-
27		Ring.....	1	1	-
28	1 037 540 M91	Housing Assembly.....	1	1	-
29	1 037 539 M1	Bushing.....	1	1	-
	836 487 M91	Kit, Bolt.....	1	1	-
31		Bolt.....	2	2	-
32	353 441 X1	Washer.....	2	2	-

Note: (A) - For use with 10 012 A91 Electric Start Kit only.

F 1442

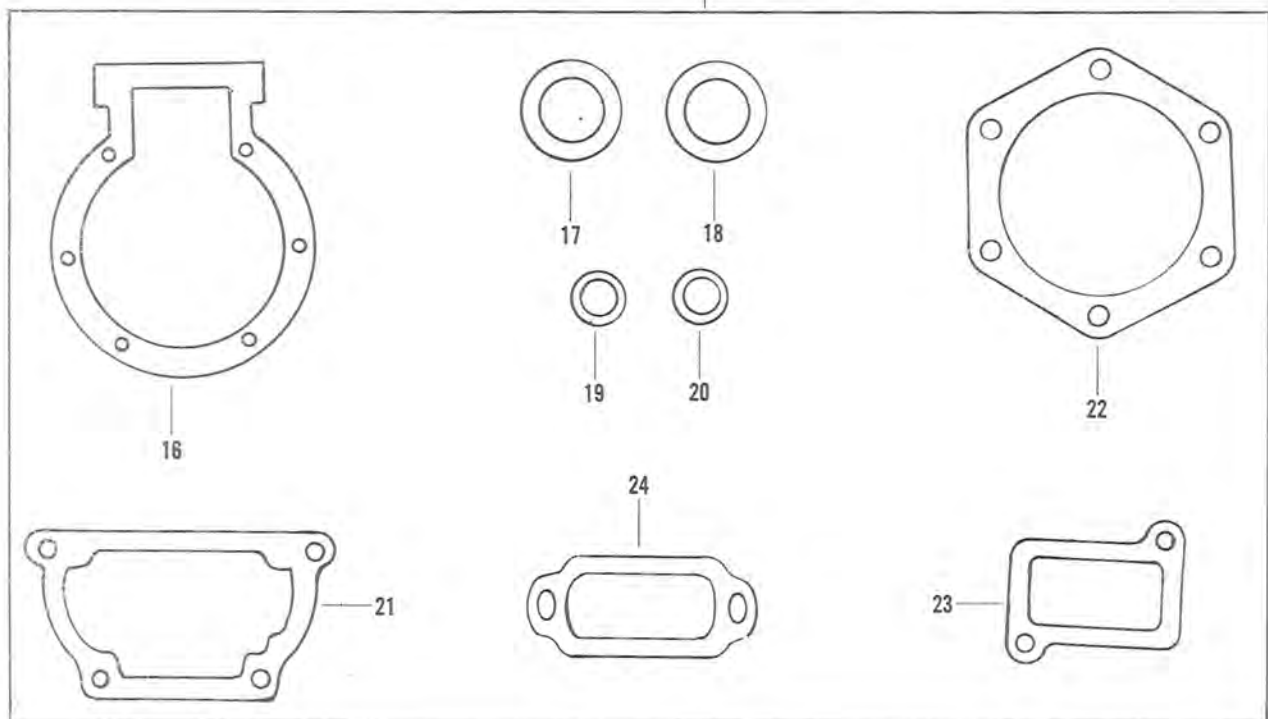


F1501



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15



GASKET KITS

47

Ref. No.	Part No.	Description	Number Required		
			300S	350SS	500SST
1	836 587 M91	Kit, Gasket Repair.....	x	-	-
2	1 036 967 M1	Gasket, Crankcase.....	1	-	-
3	1 038 457 M1	Seal, Oil (P.T.O. Side).....	1	-	-
4	1 037 018 M1	Seal, Oil (Magneto Side).....	1	-	-
5	391 376 X1	Gasket, Impulse Nipple.....	1	-	-
6	1 440 993 X1	Gasket, Oil Drain.....	1	-	-
7	1 036 974 M1	Gasket, Cylinder Base.....	1	-	-
8	1 038 468 M1	Gasket, Cylinder Head.....	1	-	-
9	1 037 100 M1	Gasket, Intake.....	2	-	-
10	1 038 464 M1	Gasket, Exhaust.....	2	-	-
15	836 588 M91	Kit, Engine Gasket.....	-	x	-
16	1 036 967 M1	Gasket, Crankcase.....	-	1	-
17	1 038 457 M1	Seal, Oil (P.T.O. Side).....	-	1	-
18	1 037 018 M1	Seal, Oil (Magneto Side).....	-	1	-
19	391 376 X1	Gasket, Impulse Nipple.....	-	1	-
20	1 440 993 X1	Gasket, Oil Drain.....	-	1	-
21	1 036 974 M1	Gasket, Cylinder Base.....	-	1	-
22	1 038 469 M1	Gasket, Cylinder Head.....	-	1	-
23	1 037 100 M1	Gasket, Intake.....	-	2	-
24	1 038 464 M1	Gasket, Exhaust.....	-	2	-

GASKET KIT

(500 SST)

Ref. No.	Part No.	Description	Number Required		
			300S	350SS	500SST
1	836 590 M91	Kit, Engine Gasket.....	-	-	x
2	1 441 720 X1	Seal, Oil (P.T.O. Side).....	-	-	1
3	1 441 719 X1	Seal, Oil (Magnetos Side).....	-	-	1
4	391 376 X1	Gasket, Impulse Nipple and Drain Plug.....	-	-	4
5	1 038 544 M1	Gasket, Cylinder Base.....	-	-	1
6	1 038 551 M1	Gasket, Cylinder Head.....	-	-	2
7	1 038 545 M1	Gasket, Intake.....	-	-	2
8	1 038 546 M1	Gasket, Exhaust Flange.....	-	-	2
9	1 038 548 M2	Gasket, Inlet Connection.....	-	-	2
10	1 038 569 M1	Gasket, Flywheel Housing.....	-	-	1
11	1 038 583 M1	Gasket, Starter Cover Plate.....	-	-	1
12	1 038 615 M1	Seal, Dust.....	-	-	1

