



**Proline 21''**

**Recycler<sup>®</sup> /Rear Bagging Mower**

**Model No. 22172 – 9900001 & Up**

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**Parts Catalog**

## ORDERING REPLACEMENT PARTS

To order replacement parts, please supply: the part number, the quantity, and the description of each part desired.

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**Note:**

## Accessories

| Description                  | Model / Parts No. | Description | Model / Parts No. |
|------------------------------|-------------------|-------------|-------------------|
| Side Discharge Kit . . . . . | Model No. 59199   |             |                   |

## Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

| Abbreviation   | Meaning                | Abbreviation    | Meaning                           |
|----------------|------------------------|-----------------|-----------------------------------|
| AR . . . . .   | as required            | HWHTF . . . . . | hex washer head<br>thread forming |
| ASM . . . . .  | assembly               | INC . . . . .   | incorporated                      |
| CARR . . . . . | carriage               | LH . . . . .    | left hand                         |
| DEG . . . . .  | degrees                | PH . . . . .    | pan head                          |
| FH . . . . .   | flat head              | PPH . . . . .   | Phillips pan head                 |
| GA . . . . .   | gauge                  | PTO . . . . .   | power take off                    |
| HF . . . . .   | hex flange             | RH . . . . .    | right hand                        |
| HFV . . . . .  | hex flange washer      | SFH . . . . .   | slotted fillister head            |
| HH . . . . .   | hex head               | SH . . . . .    | square head                       |
| HHF . . . . .  | hex head flange        | SHWH . . . . .  | slotted hex washer head           |
| HHST . . . . . | hex head self tapping  | SPH . . . . .   | slotted pan head                  |
| HJ . . . . .   | hex jam                | STD . . . . .   | standard                          |
| HOC . . . . .  | height-of-cut          | TAP . . . . .   | self tapping                      |
| HS . . . . .   | hex socket             | TH . . . . .    | truss head                        |
| HSBH . . . . . | hex socket button head | TTH . . . . .   | Torx truss head                   |
| HSFH . . . . . | hex socket flat head   | WH . . . . .    | wing head                         |
| HSR . . . . .  | hex socket head        |                 |                                   |
| HWH . . . . .  | hex washer head        |                 |                                   |

## Important Format Explanations

This catalog uses special formats to convey information in illustrations and parts lists. Specifically, one format is used in conjunction with service assemblies and another with quantities associated with reference numbers.

### Service Assemblies

Parts within service assemblies have reference numbers in the form  $X:Y$ .  $X$  is the reference number of the service assembly and  $Y$  is a sequential number unique to each part within the service assembly.

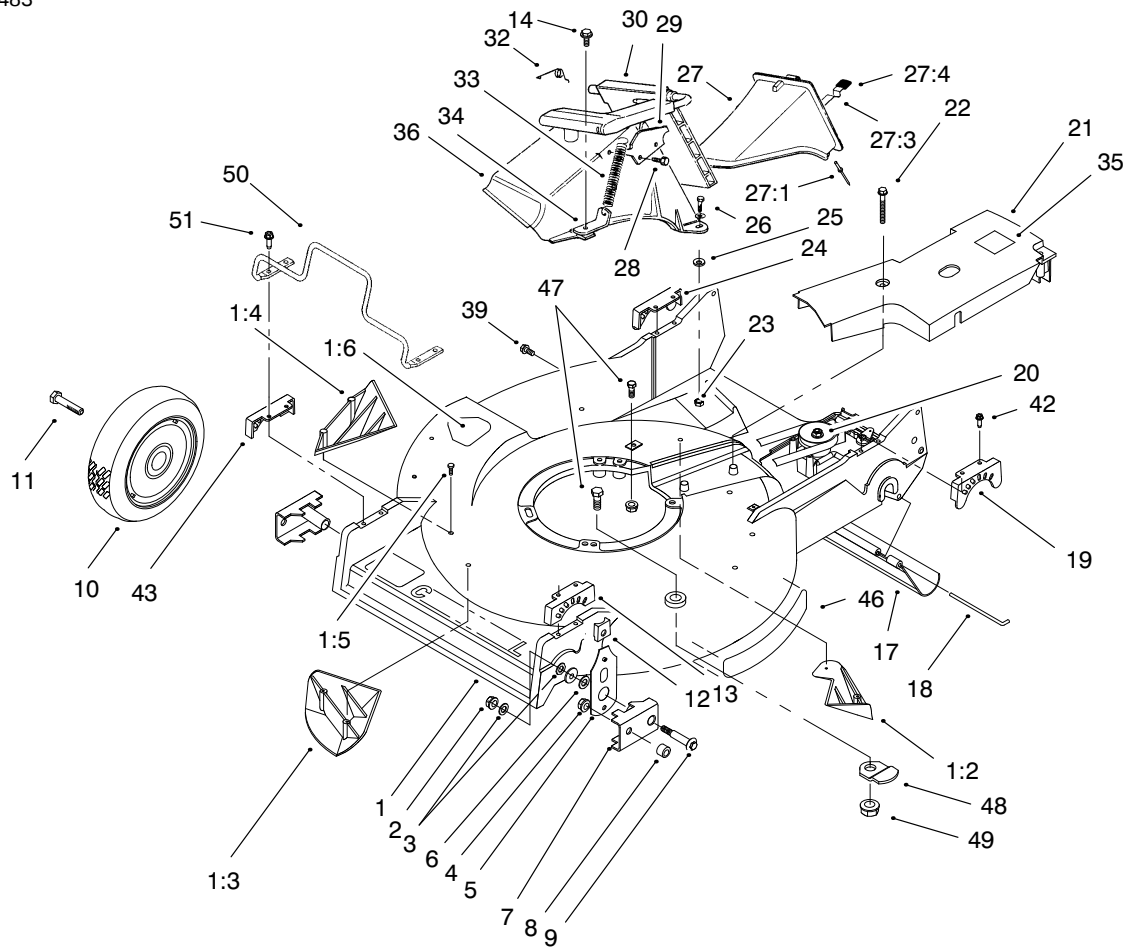
For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually.

Reference numbers of this type appear in part lists and as callouts in illustrations.

### Reference Numbers with Quantities

Illustrations may have a quantity in parentheses next to a reference number, in the form  $X (Y)$ .  $X$  is the reference number.  $Y$  in parentheses is the quantity of the part identified by the reference number.

For example, the illustration callout 4 (2) indicates that two parts are used in that instance.

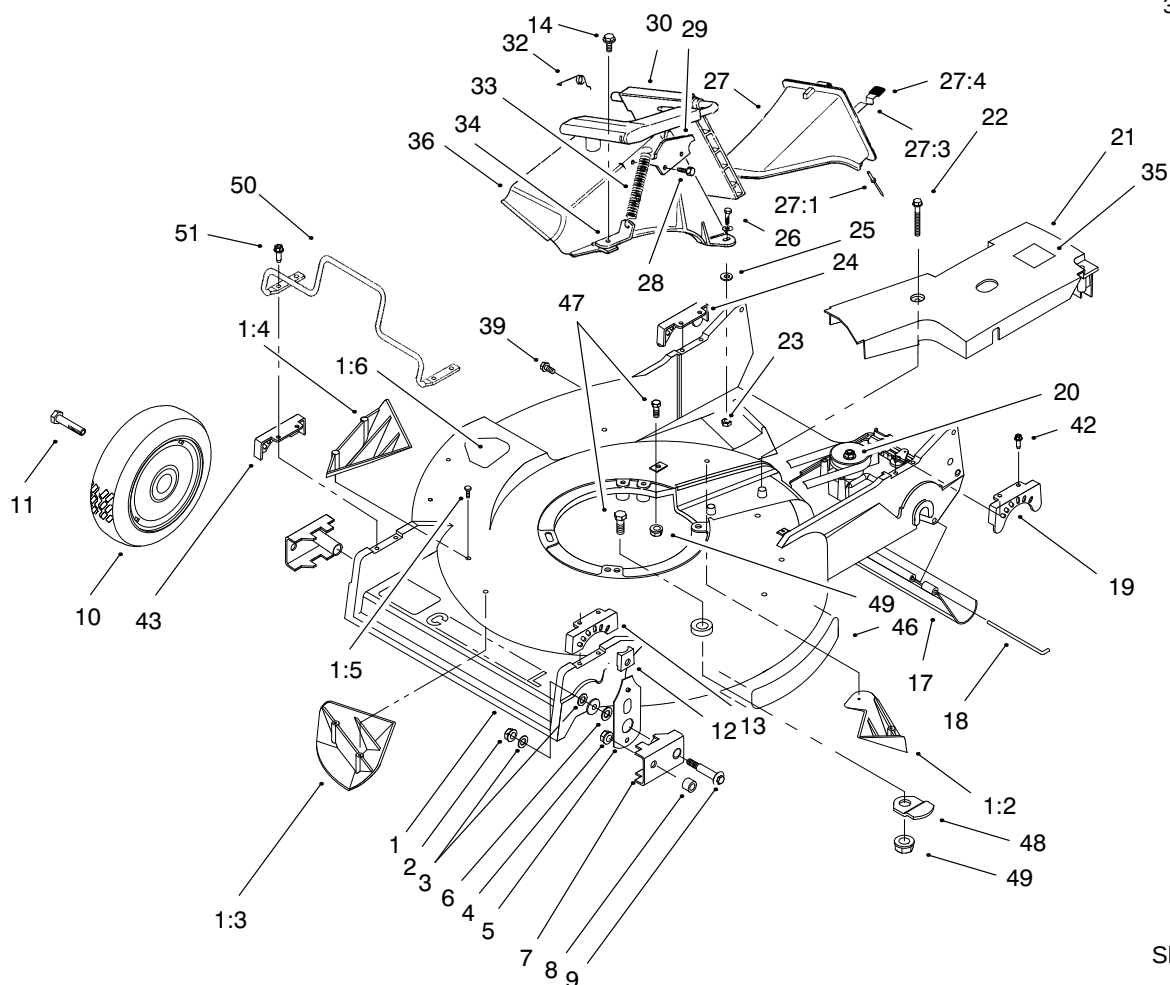


Sheet No.:2

## Housing Assembly

| Ref. No. | Part No.  | Qty. | Description                 |
|----------|-----------|------|-----------------------------|
| 1        | 98-7146   | 1    | Housing – Service           |
| 1:2      | 92-1750   | 1    | Kicker – Rear, Sp           |
| 1:3      | 92-1720   | 1    | Kicker – Front              |
| 1:4      | 92-1730   | 1    | Kicker – R.h.               |
| 1:5      | 32144-111 | 6    | Screw-Plask                 |
| 1:6      | 43-8480   | 1    | Decal-Danger                |
| 2        | 3296-6    | 2    | Nut-Lock Ni                 |
| 3        | 40-1940   | 4    | Washer-Wheel Bolt           |
| 4        | 32152-2   | 2    | Nut-Conelock                |
| 5        | 66-7560   | 2    | Front Spring Arm ASM        |
| 6        | 257-3     | 2    | Washer-Thrust               |
| 7        | 61-8300   | 2    | Pivot Arm Wa – Front        |
| 8        | 52-2480   | 2    | Spacer-Wheel                |
| 9        | 27-6232   | 2    | Bolt-Wheel                  |
| 10       | 53-7720   | 2    | Wheel & Tire ASM            |
| 11       | 323-12    | 2    | Screw-HH                    |
| 12       | 25-7740   | 2    | Knob-Arm                    |
| 13       | 49-8760   | 1    | Quadrant-LH Front           |
| 14       | 46-6811   | 1    | Screw/Washer V              |
| 17       | 44-0580   | 1    | Shield – Trailing           |
| 18       | 33-3208   | 1    | Rod-Shield                  |
| 19       | 49-8740   | 1    | Quadrant-LH Rear            |
| 20       | 74-1861   | 1    | Gear Case ASM (Service)     |
| 21       | 99-6298   | 1    | Cover-Belt, Sp (Commercial) |

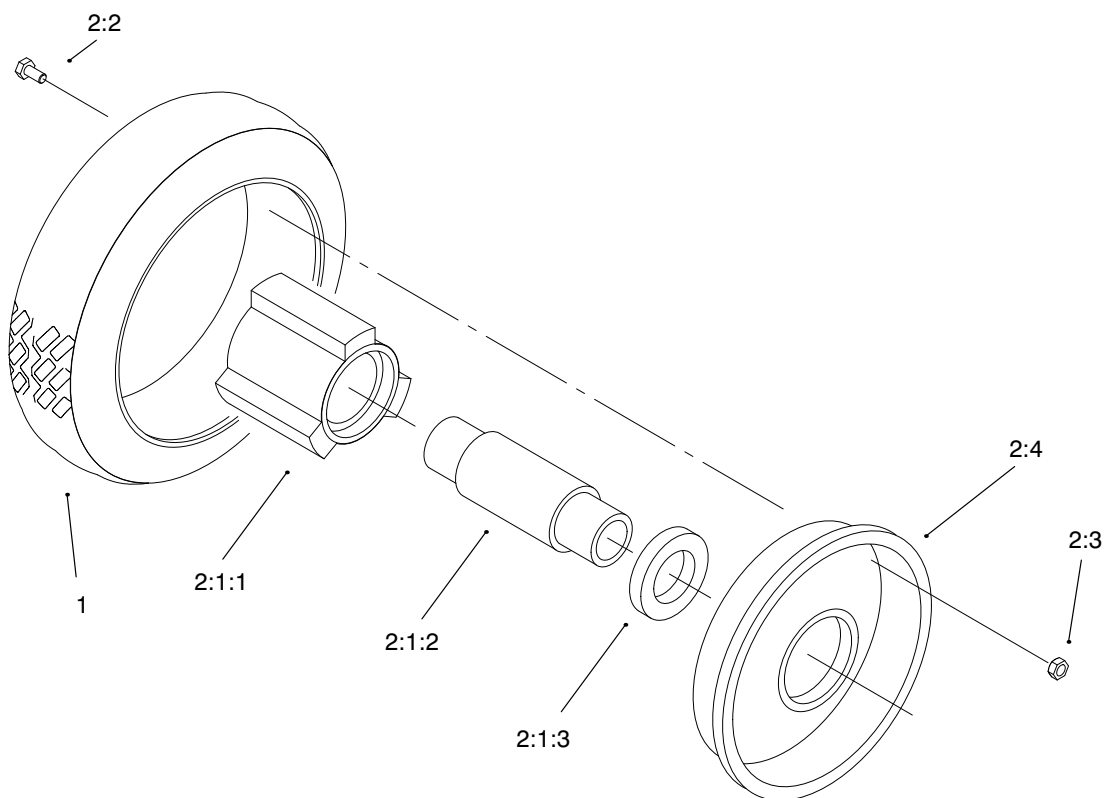
| Ref. No. | Part No. | Qty. | Description             |
|----------|----------|------|-------------------------|
| 22       | 37-7260  | 2    | Screw-HH                |
| 23       | 3296-42  | 2    | Nut-Lock Ni             |
| 24       | 49-8750  | 1    | Quadrant-RH Rear        |
| 25       | 3256-22  | 2    | Washer-Flat             |
| 26       | 321-7    | 2    | Screw-HH                |
| 27       | 77-0500  | 1    | Discharge Plug Assembly |
| 27:1     | 3295-35  | 1    | Rivet-Alum              |
| 27:3     | 76-4640  | 1    | Latch-Disc. Plug        |
| 27:4     | 76-4650  | 1    | Grip-Latch              |
| 28       | 46-8090  | 2    | Screw-Plastite          |
| 29       | 93-3154  | 1    | Latch-Plate             |
| 30       | 93-7351  | 1    | ASM – Discharge Door    |
| 32       | 80-3770  | 1    | Spring-Door Ret         |
| 33       | 76-4660  | 1    | Spring-Door             |
| 34       | 71-9350  | 1    | Bracket-Spring          |
| 35       | 52-2620  | 1    | Label-Sp Grease         |
| 39       | 46-6810  | 1    | Screw & Washer ASM      |
| 42       | 49-2040  | 4    | Screw-Taptite           |
| 43       | 49-8770  | 1    | Quadrant-RH Front       |
| 46       | 92-7988  | 1    | Decal – Recycler        |
| 47       | 323-6    | 3    | Screw-HH                |
| 48       | 84-8930  | 2    | Shield-Retainer         |
| 49       | 3296-39  | 3    | Nut-Lock Ni             |
| 50       | 99-6722  | 1    | Guard Engine            |



Sheet No.:2

## Housing Assembly (cont.)

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
| 51       | 32144-86 | 4    | Screw-HH    |



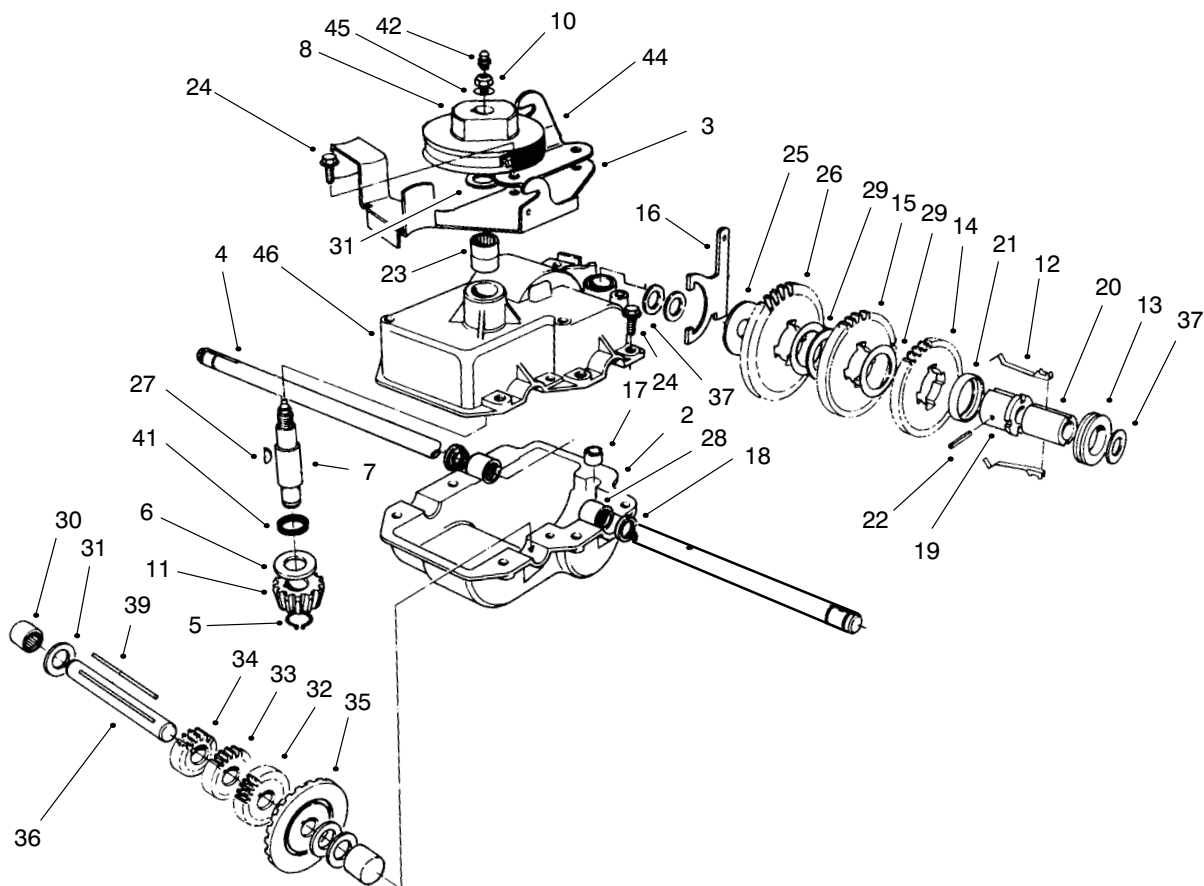
Sheet No.:2b

## Front Tire & Wheel Assembly

| Ref. No. | Part No.   | Qty. | Description      |
|----------|------------|------|------------------|
| 1        | 53-7740    | 1    | Tire             |
| *2       |            | 1    | Wheel ASM HP     |
| *2:1     |            | 1    | Hub & Brg ASM    |
| 2:1:1    | 52-2410    | 1    | Hub-Bearing Supt |
| 2:1:2    | 52-2440    | 1    | Spacer-Bearing   |
| 2:1:3    | 52-2450    | 2    | Bearing-Wheel    |
| 2:2      | 321-2      | 4    | Screw-HH         |
| 2:3      | 3296-42    | 4    | Nut-Lock Ni      |
| 2:4      | 53-7780-06 | 2    | Plate-Wheel Half |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |

\* Not Illustrated

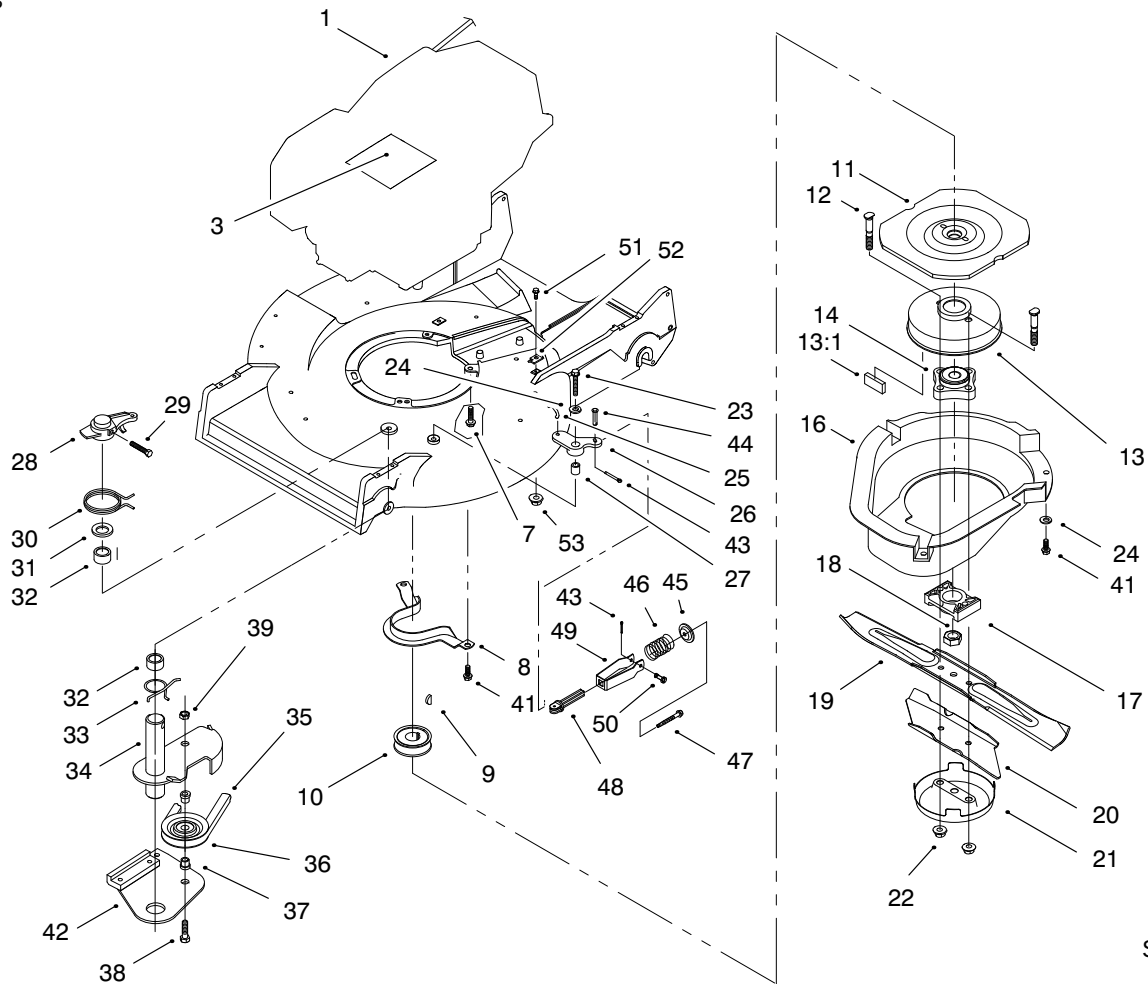


Sheet No.:2a

## Gear Case Assembly

| Ref. No. | Part No.   | Qty. | Description        | Ref. No. | Part No.   | Qty. | Description             |
|----------|------------|------|--------------------|----------|------------|------|-------------------------|
| 2        | 74-1920    | 2    | Case-Lower Gear    | 28       | 48-2060    | 4    | Bearing-Roller          |
| 3        | 49-8461-03 | 1    | Bracket-Belt Guide | 29       | 36-4770    | 6    | Washer                  |
| 4        | 74-1890    | 2    | Shaft-Output       | 30       | 252-103    | 4    | Bearing-Closed          |
| 5        | 32151-57   | 2    | Ring-Retaining     | 31       | 36-4792    | 8    | Washer-Thrust           |
| 6        | 47-2910    | 2    | Washer-Thrust      | 32       | 39-6650    | 2    | Gear-18t                |
| 7        | 13-5149    | 1    | Input Shaft w/Zerk | 33       | 46-3550    | 2    | Gear                    |
| 8        | 39-6740    | 2    | Pulley             | 34       | 46-3540    | 2    | Gear                    |
| 9        | 74-1880    | 2    | Case-Upper Gear    | 35       | 74-1760    | 2    | Gear-Bevel              |
| 10       | 3296-5     | 2    | Nut-Lock Ni        | 36       | 53-7950    | 2    | Shaft-Intermediate      |
| 11       | 39-6660    | 2    | Pinion-Bevel       | 37       | 36-4780    | 6    | Washer                  |
| 12       | 29-9330    | 4    | Key                | 39       | 39-7842    | 2    | Key                     |
| 13       | 29-9340    | 2    | Collar-Shift       | 41       | 47-7260    | 2    | Seal                    |
| 14       | 42-4740    | 2    | Gear-38 Tooth      | 42       | 302-63     | 2    | Zerk                    |
| 15       | 29-9271    | 2    | Gear-42 Tooth      | 44       | 74-1750-03 | 1    | Brk-Traction Engage     |
| 16       | 60-8870    | 2    | Yoke-Shift         | 45       | 3256-45    | 2    | Washer-Flat             |
| 17       | 29-9570    | 2    | Bushing-Yoke       | *        | 74-1861    | 1    | Gear Case ASM (Service) |
| 18       | 47-6730    | 4    | Seal-Oil           |          |            |      |                         |
| 19       | 55-8010    | 2    | Sleeve-Gear        |          |            |      |                         |
| 20       | 39-6720    | 2    | Sleeve             |          |            |      |                         |
| 21       | 55-8020    | 2    | Retainer-Key       |          |            |      |                         |
| 22       | 3285-19    | 2    | Pin-Groove         |          |            |      |                         |
| 23       | 47-7270    | 4    | Bearing            |          |            |      |                         |
| 24       | 49-2040    | 14   | Screw-Taptite      |          |            |      |                         |
| 25       | 29-9690    | 2    | Washer             |          |            |      |                         |
| 26       | 46-3560    | 2    | Gear               |          |            |      |                         |
| 27       | 3257-1     | 4    | Key-Woodruff       |          |            |      |                         |

\* Not Illustrated

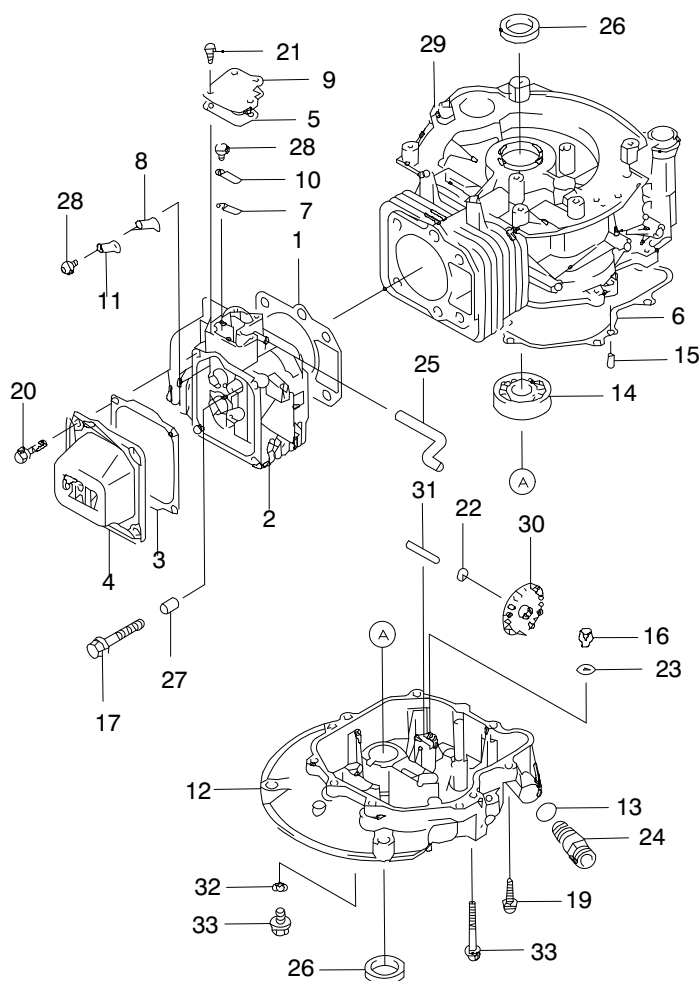


Sheet No.:3

## Engine & BBC Assembly

| Ref. No. | Part No.   | Qty. | Description                |
|----------|------------|------|----------------------------|
| 1        |            | 1    | Engine-4cyc Bbc (Kawasaki) |
| 3        | 99-6297    | 1    | Decal Engine               |
| 7        | 100-2835   | 3    | Screw-Engine Mount         |
| 8        | 66-0570-03 | 1    | Brkt-Belt Guide            |
| 9        | 3257-17    | 1    | Key-Hi-Pro                 |
| 10       | 56-6180    | 1    | Driver-Pulley              |
| 11       | 56-6160    | 1    | Flywheel *B                |
| 12       | 42-3190    | 2    | Bolt-Blade                 |
| 13       | 94-9431    | 1    | ASM - Brake Drum           |
| 13:1     | 52-3480    | 2    | Dampner-Vibration          |
| 14       | 42-6890    | 1    | Hub ASM (Bbc)              |
| 16       | 46-5693    | 1    | Shield-Bbc                 |
| 17       | 62-4280    | 1    | Spacer-Blade               |
| 18       | 3296-33    | 1    | Nut-Lock Ni                |
| 19       | 14-9419    | 1    | Blade w/Decal              |
| 20       | 91-2255-03 | 1    | Stiffener-Blade Bbc        |
| 21       | 80-2770    | 1    | Anti-Scalp Cup             |
| 22       | 54-9190    | 2    | Nut-Lock                   |
| 23       | 32104-107  | 1    | Screw-HH                   |
| 24       | 3256-23    | 1    | Washer-Flat                |
| 25       | 49-2810    | 1    | Link - Control             |
| 26       | 49-7960    | 1    | Bellcrank                  |
| 27       | 49-7950    | 1    | Sleeve-Bellcrank           |
| 28       | 49-2820    | 1    | Lever                      |
| 29       | 32104-96   | 1    | Screw-HH                   |

| Ref. No. | Part No.   | Qty. | Description          |
|----------|------------|------|----------------------|
| 30       | 49-7970    | 1    | Spring-Torsion       |
| 31       | 70-1160    | 1    | Washer - Pm          |
| 32       | 68-9780    | 2    | Bearing              |
| 33       | 85-6880    | 1    | Spring-Torsion       |
| 34       | 84-9130    | 1    | Brake Plate Wa       |
| 35       | 42-0884    | 1    | V-Belt               |
| 36       | 46-5650    | 1    | Pulley-Idler         |
| 37       | 46-5631    | 2    | Hub-Idler Pulley     |
| 38       | 322-6      | 1    | Screw-HH             |
| 39       | 3296-47    | 1    | Nut-Lock Ni          |
| 41       | 32144-70   | 3    | Screw-Taptite        |
| 42       | 84-9180    | 1    | Brake Plate Assembly |
| 43       | 3272-1     | 2    | Pin-Cotter           |
| 44       | 84-9050    | 1    | Pin-Spring           |
| 45       | 65-5280    | 1    | Retainer-Spring      |
| 46       | 84-9100    | 1    | Spring-Bbc           |
| 47       | 46-7040    | 1    | Screw-Thd Form       |
| 48       | 84-8870    | 1    | Guide-Spring         |
| 49       | 84-8880-03 | 1    | Bracket-Spring       |
| 50       | 84-9040    | 1    | Pin-Cable            |
| 51       | 322-6      | 1    | Screw-HH             |
| 52       | 62-3720    | 1    | Cable Clamp          |
| 53       | 3296-58    | 1    | Nut-Lock Ni          |



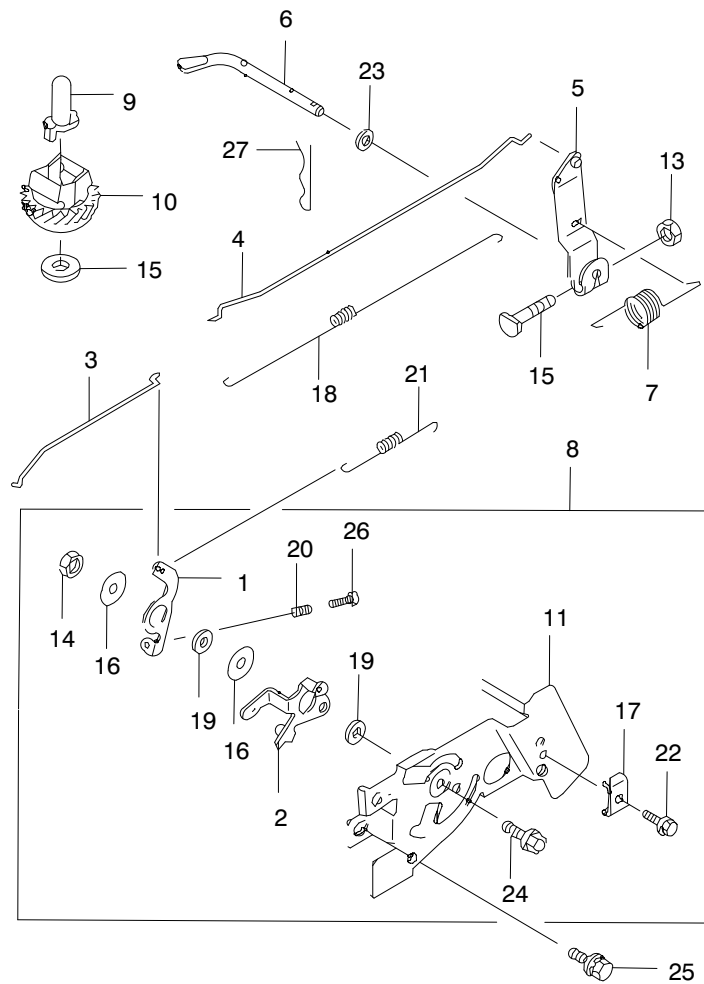
Sheet No.:3a

## Cylinder/Crankcase

| Ref. No. | Part No. | Qty. | Description               | Ref. No. | Part No. | Qty. | Description        |
|----------|----------|------|---------------------------|----------|----------|------|--------------------|
| 1        | 100-2742 | 1    | Gasket-Head               | 25       | 100-2846 | 1    | Tube               |
| 2        | 100-2743 | 1    | Head-Complete-Cyl<br>nder | 26       | 100-2847 | 2    | Seal Oil           |
| 3        | 100-2744 | 1    | Gasket Rocker Case        | 27       | 100-2848 | 2    | Pin                |
| 4        | 100-2745 | 1    | Case-Rocker               | 28       | 93-8549  | 2    | Screw              |
| 5        | 100-2746 | 1    | Gasket Cover              | 29       | 100-2849 | 1    | Crankcase Complete |
| 6        | 100-2747 | 1    | Gasket Crankcase<br>Cover | 30       | 99-6728  | 1    | Oil Slinger        |
| 7        | 100-2748 | 1    | Plate                     | 31       | 99-6729  | 1    | Shaft              |
| 8        | 100-2749 | 1    | Plate                     | 32       | 99-6730  | 1    | Gasket             |
| 9        | 100-2779 | 1    | Cover                     | 33       | 100-2855 | 1    | Bolt Flanged       |
| 10       | 100-2780 | 1    | Valve                     |          |          |      |                    |
| 11       | 100-2781 | 1    | Valve                     |          |          |      |                    |
| 12       | 100-2782 | 1    | Cover-Crankcase           |          |          |      |                    |
| 13       | 100-2840 | 1    | O-Ring                    |          |          |      |                    |
| 14       | 100-2841 | 1    | Ball Bearing              |          |          |      |                    |
| 15       | 93-8516  | 2    | Pin                       |          |          |      |                    |
| 16       | 100-2842 | 1    | Bolt Upset Wsp            |          |          |      |                    |
| 17       | Kw10035  | 4    | Bolt, Flanged 8x45        |          |          |      |                    |
| 18       | Kw10033  | 1    | Bolt, Flanged 8x12        |          |          |      |                    |
| 19       | 100-2610 | 6    | Bolt Flanged              |          |          |      |                    |
| 20       | 100-2804 | 4    | Bolt-Flanged              |          |          |      |                    |
| 21       | 100-2609 | 4    | Bolt Flanged              |          |          |      |                    |
| 22       | 100-2843 | 1    | Washer 6x12x1.6           |          |          |      |                    |
| 23       | 100-2844 | 1    | Washer 5x16x0.8           |          |          |      |                    |
| 24       | 100-2854 | 1    | Plug                      |          |          |      |                    |

## Valve/Camshaft

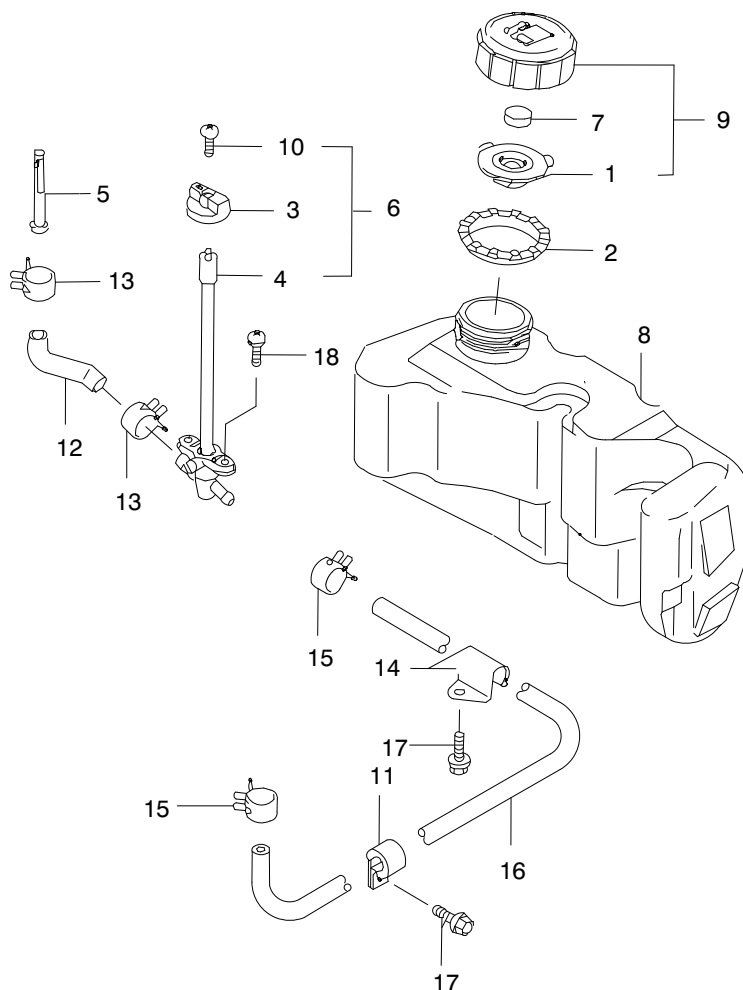
| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |



Sheet No.:3b

## Control Equipment

| Ref. No. | Part No. | Qty. | Description       | Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------------|----------|----------|------|-------------|
| 1        | 100-2700 | 1    | Lever             |          |          |      |             |
| 2        | 100-2701 | 1    | Lever             |          |          |      |             |
| 3        | 100-2702 | 1    | Link-Choke        |          |          |      |             |
| 4        | 100-2703 | 1    | Link              |          |          |      |             |
| 5        | 100-2704 | 1    | Arm-ASM           |          |          |      |             |
| 6        | 100-2705 | 1    | Arm-Pivot         |          |          |      |             |
| 7        | 100-2706 | 1    | Spring-Governor   |          |          |      |             |
| 8        | 100-2707 | 1    | Panel-ASM Control |          |          |      |             |
| 9        | 100-2708 | 1    | Sleeve            |          |          |      |             |
| 10       | 93-8611  | 1    | Governor ASM      |          |          |      |             |
| 11       | 100-2710 | 1    | Panel-Control     |          |          |      |             |
| 12       | 93-8608  | 1    | Washer            |          |          |      |             |
| 13       | 93-8631  | 3    | Nut               |          |          |      |             |
| 14       | 93-8595  | 1    | Nut               |          |          |      |             |
| 15       | 94-6842  | 1    | Washer            |          |          |      |             |
| 16       | 100-2715 | 2    | Washer 6x9x1.2    |          |          |      |             |
| 17       | 95-9849  | 1    | Clamp             |          |          |      |             |
| 18       | 100-2717 | 1    | Spring Link       |          |          |      |             |
| 19       | 100-2718 | 2    | Collar 6x13x2.3   |          |          |      |             |
| 20       | 93-8588  | 1    | Spring            |          |          |      |             |
| 22       | 95-9853  | 1    | Bolt              |          |          |      |             |
| 23       | 93-8608  | 1    | Washer            |          |          |      |             |
| 24       | 95-9837  | 1    | Bolt - Flanged    |          |          |      |             |
| 25       | 100-2724 | 2    | Bolt-Upset-Wsp    |          |          |      |             |
| 26       | 100-2725 | 1    | Screw-Pan         |          |          |      |             |
| 27       | 93-8607  | 1    | Pin-Snap          |          |          |      |             |

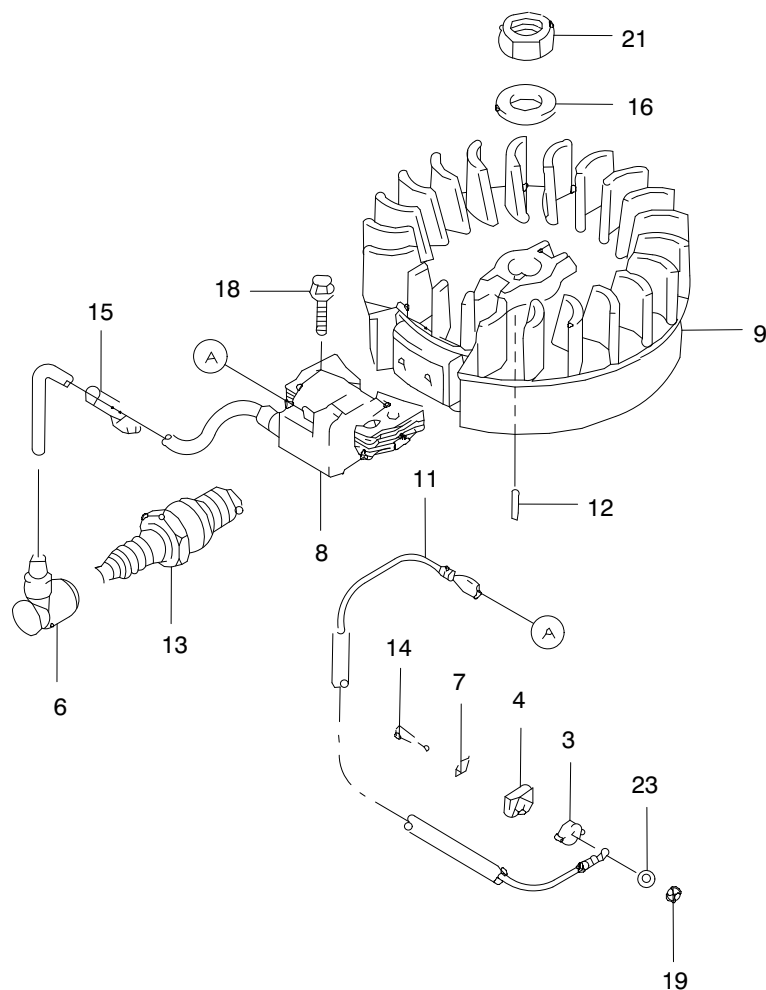


Sheet No.:3c

## Fuel Tank/Fuel Valve

| Ref. No. | Part No. | Qty. | Description        |
|----------|----------|------|--------------------|
| 1        | 100-2808 | 1    | Gasket             |
| 2        | 100-2809 | 1    | Guide              |
| 3        | 100-2810 | 1    | Lever              |
| 4        | 100-2811 | 1    | Filter Complete    |
| 5        | 100-2812 | 1    | Filter Fuel        |
| 6        | 100-2814 | 1    | Filter Fuel        |
| 7        | 100-2813 | 1    | Element-Breather   |
| 8        | 100-2815 | 1    | Tank Complete Fuel |
| 9        | 100-2816 | 1    | Cap-ASM-Tank       |
| 10       | 100-2817 | 1    | Screw              |
| 11       | 100-2818 | 1    | Clamp              |
| 12       | 100-2819 | 1    | Tube               |
| 13       | 100-2820 | 2    | Clamp              |
| 14       | 100-2821 | 1    | Clamp              |
| 15       | 100-2822 | 2    | Clamp              |
| 16       | 100-2823 | 1    | Tube 4.8x10.3x433  |
| 17       | 100-2804 | 2    | Bolt-Flanged       |
| 18       | 100-2825 | 2    | Screw-Pan-Wp       |

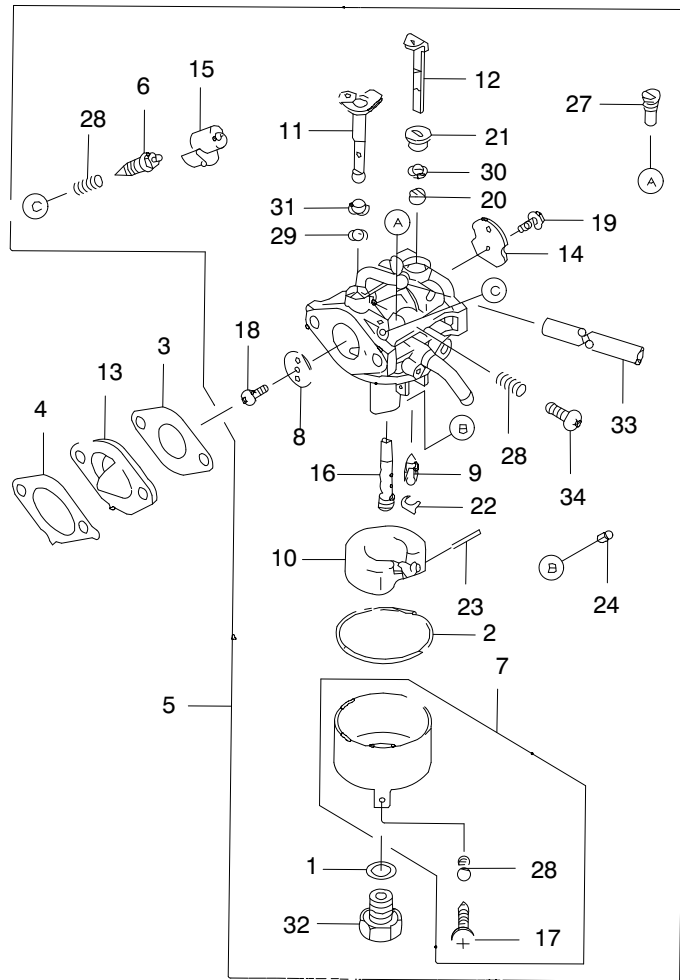
| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |



Sheet No.:3d

## Electric Equipment

| Ref. No. | Part No. | Qty. | Description               |
|----------|----------|------|---------------------------|
| 3        | 100-2652 | 1    | Cover                     |
| 4        | 100-2653 | 1    | Insulator                 |
| 6        | Kw10087  | 1    | Cap Plug                  |
| 7        | 100-2796 | 1    | Terminal                  |
| 8        | 100-2657 | 1    | Coil ASM Ignition         |
| 9        | 100-2658 | 1    | Flywheel Complete         |
| 11       | 100-2660 | 1    | Wire Lead L=300mm         |
| 12       | 93-8571  | 1    | Key                       |
| 13       | 100-2662 | 1    | Plug-Spark<br>Bpr5es(Ngk) |
| 14       | 100-2663 | 1    | Bolt 4x20                 |
| 15       | 100-2664 | 1    | Clamp                     |
| 16       | 100-2665 | 1    | Washer                    |
| 18       | 100-2610 | 2    | Bolt Flanged              |
| 19       | 100-2668 | 1    | Nut Hex                   |
| 21       | 93-8568  | 1    | Nut                       |
| 23       | 100-2798 | 1    | Washer Plain              |

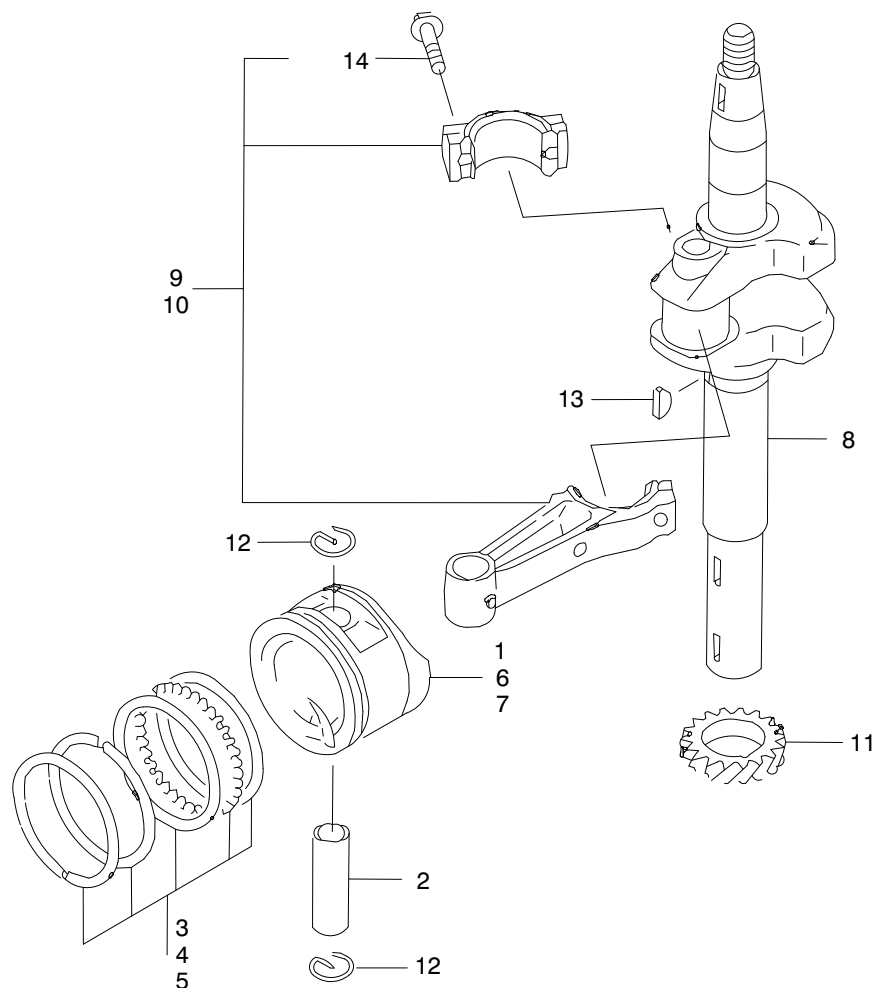


Sheet No.:3e

## Carburetor

| Ref. No. | Part No. | Qty. | Description               |
|----------|----------|------|---------------------------|
| 1        | 100-2611 | 1    | Gasket                    |
| 2        | 100-2612 | 1    | Gasket                    |
| 3        | 100-2613 | 1    | Gasket Carburetor         |
| 4        | 100-2614 | 1    | Gasket Insulator          |
| 5        | 100-2615 | 1    | Carburetor ASM            |
| 6        | 100-2616 | 1    | Screw Pilot Air           |
| 7        | 100-2617 | 1    | Chamber Float             |
| 8        | 100-2618 | 1    | Valve Throttle            |
| 9        | 100-2619 | 1    | Valve Float               |
| 10       | 100-2620 | 1    | Float                     |
| 11       | 100-2621 | 1    | Shaft Carburetor Throttle |
| 12       | 100-2622 | 1    | Shaft Carburetor Choke    |
| 13       | 100-2623 | 1    | Insulator                 |
| 14       | 100-2624 | 1    | Valve                     |
| 15       | 100-2625 | 1    | Limiter                   |
| 16       | 100-2626 | 1    | Nozzle Main               |
| 17       | 100-2627 | 1    | Screw                     |
| 18       | 100-2628 | 1    | Screw                     |
| 19       | 100-2629 | 2    | Screw                     |
| 20       | 100-2630 | 1    | Collar                    |
| 21       | 100-2631 | 1    | Collar                    |
| 22       | Kw10297  | 1    | Clip                      |
| 23       | 100-2633 | 1    | Pin                       |
| 24       | 100-2634 | 1    | Jet Main #62.5            |

| Ref. No. | Part No. | Qty. | Description     |
|----------|----------|------|-----------------|
| 27       | 100-2635 | 1    | Jet Pilot #37.5 |
| 28       | 100-2636 | 3    | Spring          |
| 29       | 100-2637 | 1    | Seal            |
| 30       | 100-2638 | 1    | Seal            |
| 31       | 100-2639 | 1    | Collar          |
| 32       | 100-2640 | 1    | Bolt            |
| 33       | 100-2641 | 1    | Tube 4x7x125    |
| 34       | 100-2642 | 1    | Screw Pan       |

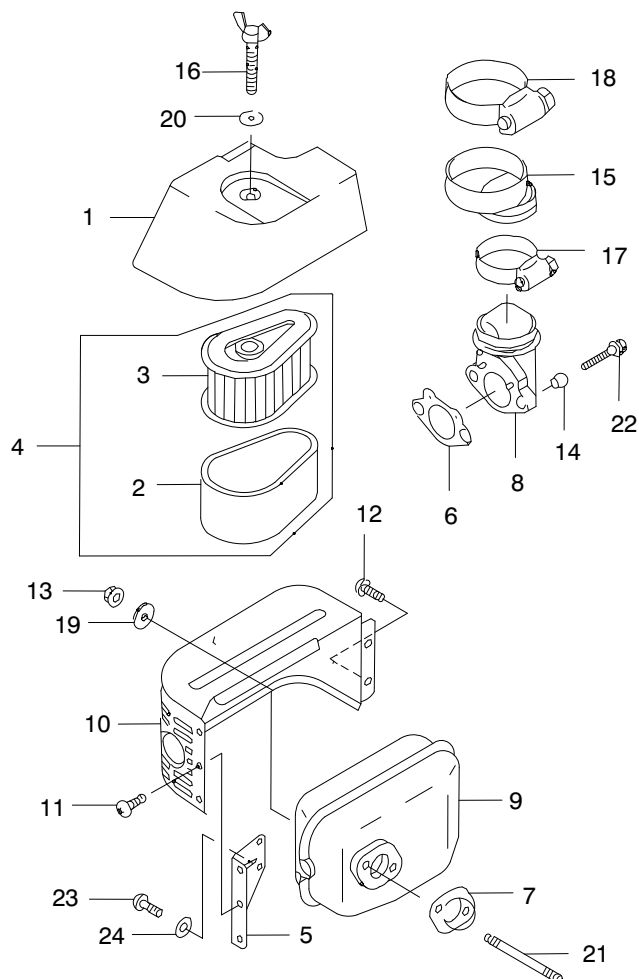


Sheet No.:3f

## Piston/Crankshaft

| Ref. No. | Part No. | Qty. | Description                    |
|----------|----------|------|--------------------------------|
| 1        | 100-2672 | 1    | Piston Engine                  |
| 2        | 100-2673 | 1    | Pin-Piston                     |
| 3        | 100-2674 | 1    | Ring Set Piston                |
| 4        | 100-2675 | 1    | Ring Set Piston L0.25          |
| 5        | 100-2676 | 1    | Ring Set Piston L0.50          |
| 6        | 100-2677 | 1    | Piston Engine L0.25            |
| 7        | 100-2678 | 1    | Piston Engine L0.50            |
| 8        | 100-2828 | 1    | Crankshaft                     |
| 9        | 100-2680 | 1    | Rod ASM Connecting             |
| 10       | 100-2681 | 1    | Rod ASM Connecting<br>U/S=0.50 |
| 11       | 100-2682 | 1    | Gear-Helical                   |
| 12       | 100-2683 | 2    | Ring-Snap                      |
| 13       | 93-8526  | 1    | Key                            |
| 14       | 93-8527  | 2    | Bolt-Rod                       |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |

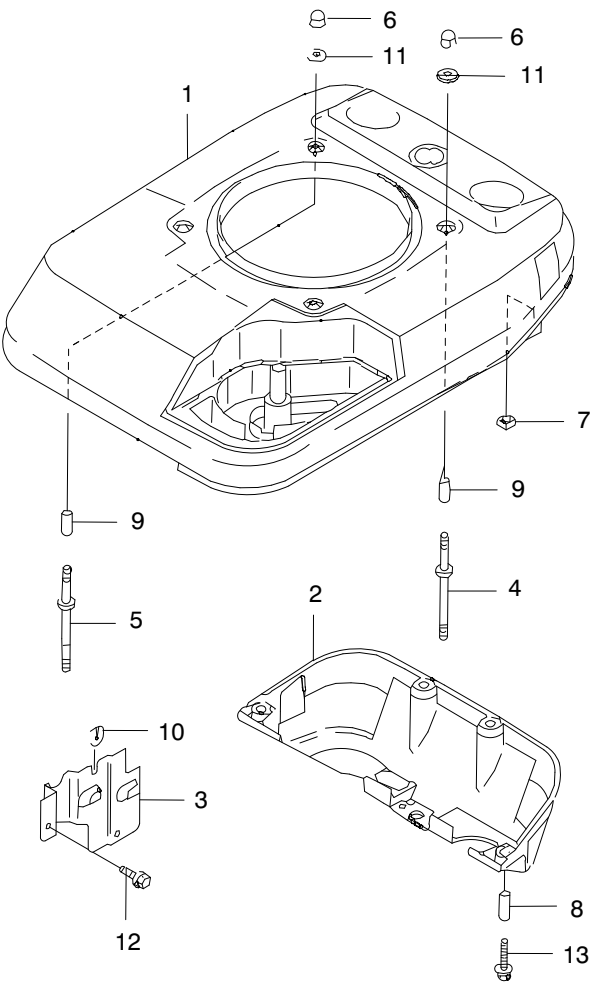


Sheet No.:3g

## Air Filter/Muffler

| Ref. No. | Part No. | Qty. | Description            |
|----------|----------|------|------------------------|
| 1        | 100-2691 | 1    | Cap Air Filter         |
| 2        | 100-2692 | 1    | Element Air Filter     |
| 3        | 100-2693 | 1    | Element Air Filter     |
| 4        | 100-2694 | 1    | Element ASM Air Filter |
| 5        | 100-2695 | 1    | Bracket                |
| 6        | 100-2696 | 1    | Gasket Intake Pipe     |
| 7        | 100-2697 | 1    | Gasket Muffler         |
| 8        | 100-2698 | 1    | Pipe-Intake            |
| 9        | 100-2699 | 1    | Muffler Complete       |
| 10       | 100-2750 | 1    | Cover Muffler          |
| 11       | 93-8549  | 3    | Screw                  |
| 12       | 95-9716  | 2    | Screw                  |
| 14       | 100-2754 | 2    | Spacer 6.2x7.8x8       |
| 15       | 100-2755 | 1    | Tube                   |
| 16       | 100-2756 | 1    | Bolt                   |
| 17       | 100-2757 | 1    | Clamp                  |
| 18       | 100-2758 | 1    | Clamp                  |
| 19       | 100-2759 | 2    | Washer 7x21x2.3        |
| 20       | 100-2760 | 1    | Washer 6.5x18x2.0      |
| 21       | 100-2761 | 2    | Bolt-Stud              |
| 22       | 100-2762 | 2    | Bolt Upset Wp          |
| 23       | 100-2763 | 2    | Screw Pan              |
| 24       | 93-8639  | 2    | Washer                 |

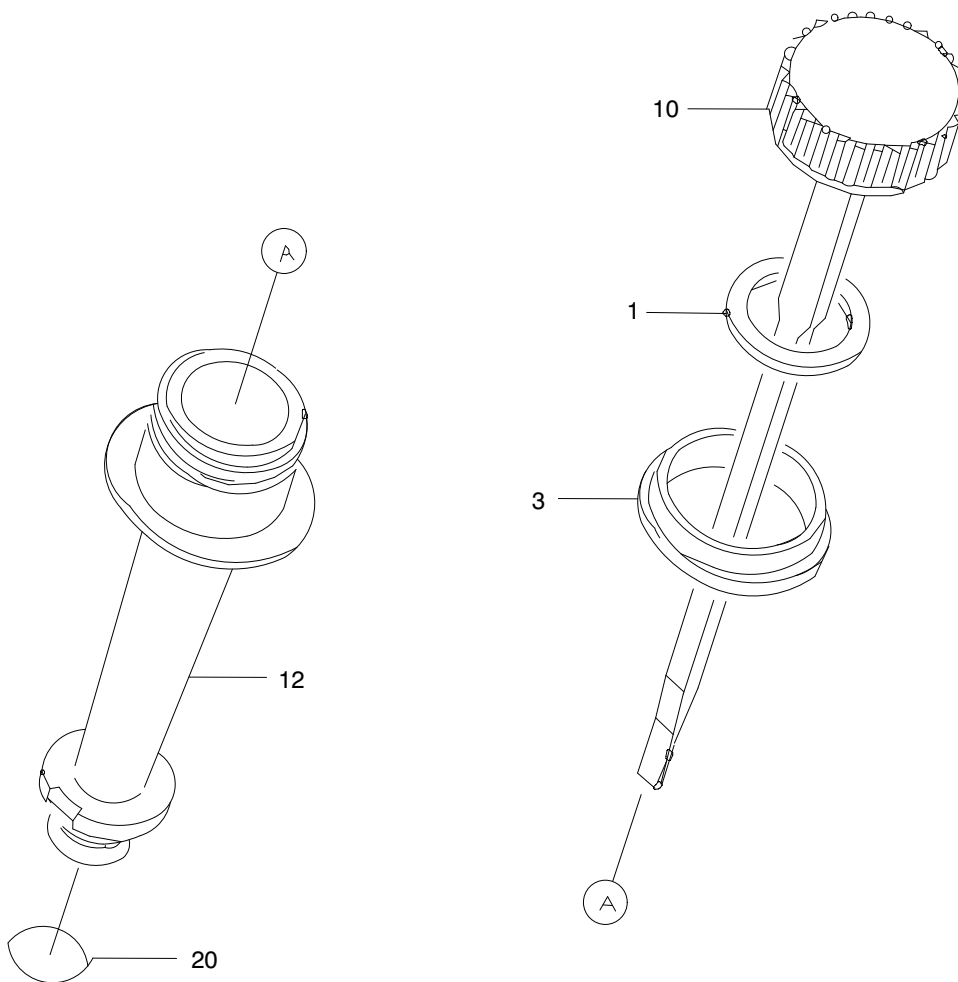
| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |



Sheet No.:3h

Cooling Equipment

| Ref. No. | Part No. | Qty. | Description       | Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------------|----------|----------|------|-------------|
| 1        | 100-2600 | 1    | Cover Upper       |          |          |      |             |
| 2        | 100-2793 | 1    | Cover Lower       |          |          |      |             |
| 3        | 100-2794 | 1    | Cover             |          |          |      |             |
| 4        | 100-2601 | 3    | Stud              |          |          |      |             |
| 5        | 100-2602 | 1    | Stud              |          |          |      |             |
| 6        | 100-2603 | 4    | Nut               |          |          |      |             |
| 7        | 100-2604 | 4    | Nut 6mm           |          |          |      |             |
| 8        | 100-2606 | 4    | Spacer 6.2x7.8x17 |          |          |      |             |
| 9        | 100-2605 | 4    | Spacer 6.2x7.8x22 |          |          |      |             |
| 10       | 100-2607 | 1    | Grommet           |          |          |      |             |
| 11       | 100-2760 | 4    | Washer 6.5x18x2.0 |          |          |      |             |
| 12       | 100-2609 | 2    | Bolt Flanged      |          |          |      |             |
| 13       | 100-2610 | 4    | Bolt Flanged      |          |          |      |             |



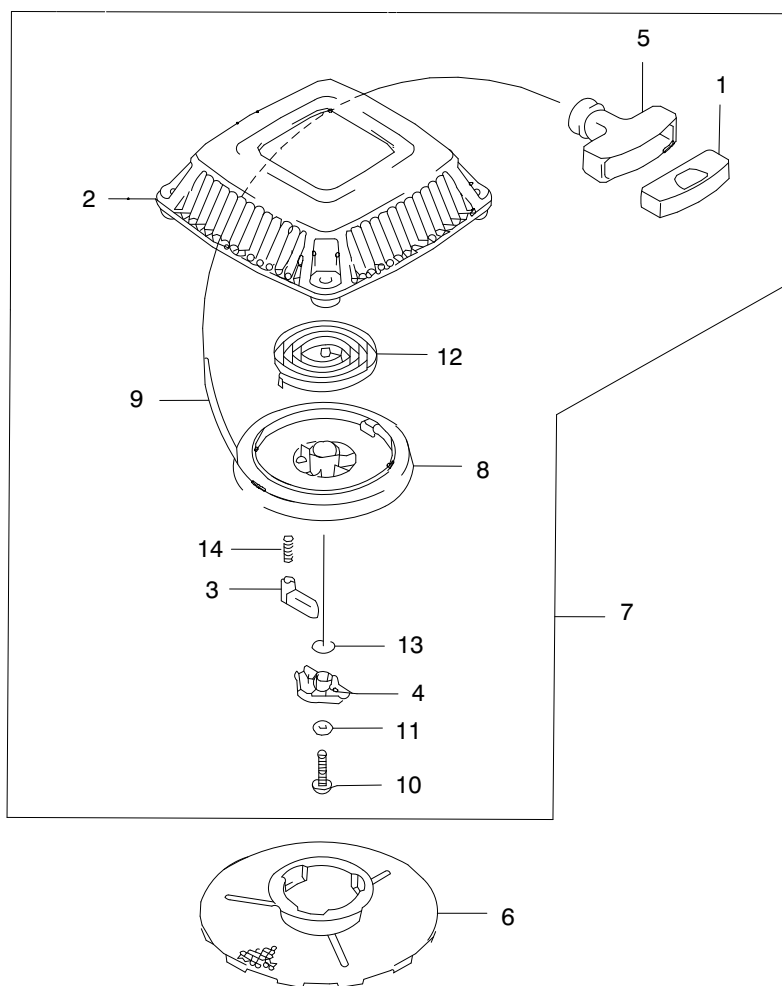
Sheet No.:3i

## Lubrication Equipment

| Ref. No. | Part No. | Qty. | Description  |
|----------|----------|------|--------------|
| 1        | Kw10010  | 1    | Gasket       |
| 3        | 100-2687 | 1    | Guide        |
| 10       | 100-2688 | 1    | Gauge        |
| 12       | 100-2689 | 1    | Filler       |
| 20       | 100-2690 | 1    | O-Ring       |
| *21      | 100-2831 | 1    | O Ring       |
| *22      | 100-2830 | 1    | Cover        |
| *23      | 100-2804 | 3    | Bolt-Flanged |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |

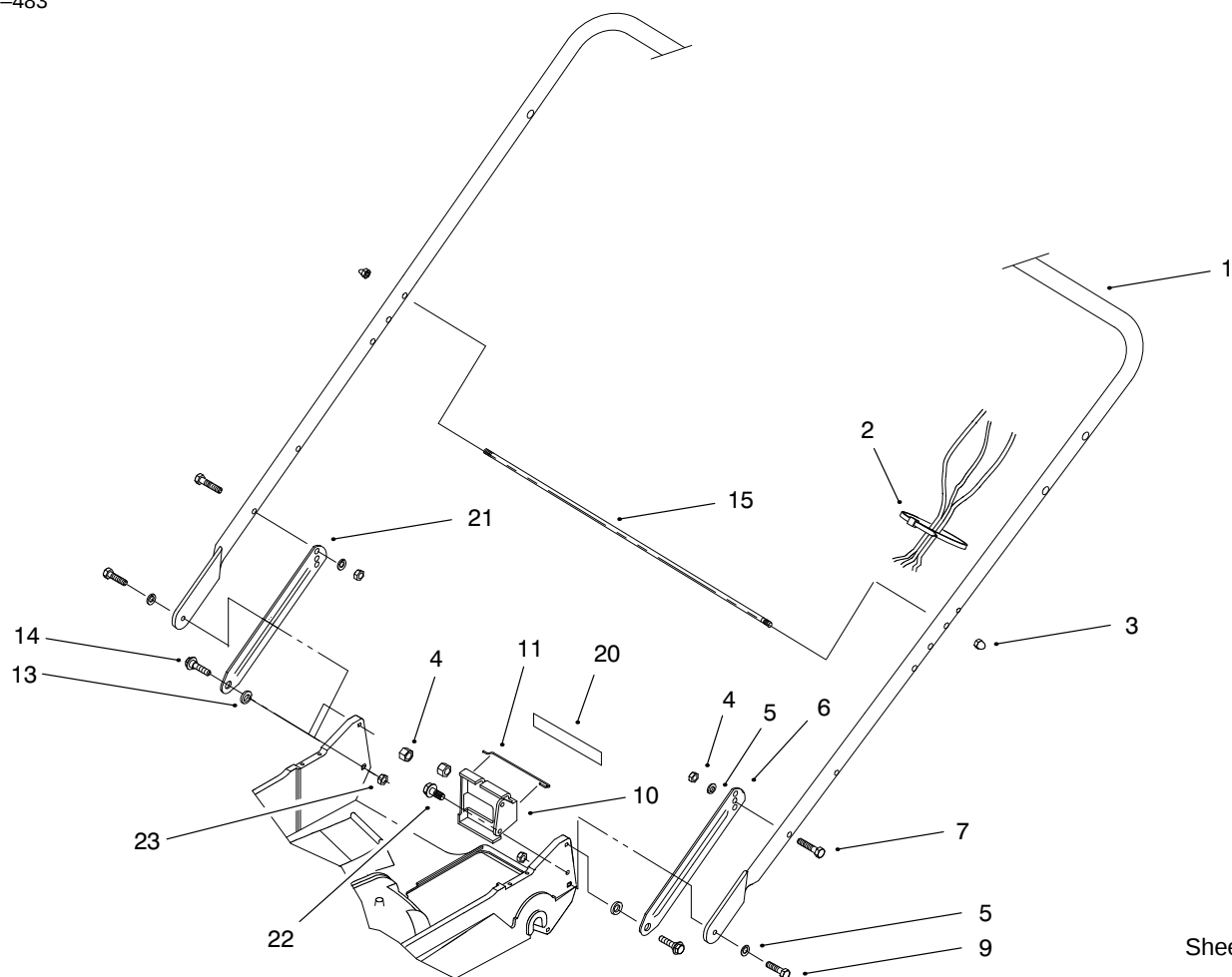
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Sheet No.:3j

## Starter

| Ref. No. | Part No. | Qty. | Description         |
|----------|----------|------|---------------------|
| 1        | 94-9044  | 1    | Cap – Grip          |
| 2        | 100-2766 | 1    | Holder              |
| 3        | 100-2767 | 1    | Pawl Recoil Starter |
| 4        | 100-2768 | 1    | Retainer-Spring     |
| 5        | 100-2769 | 1    | Grip Recoil Starter |
| 6        | 100-2770 | 1    | Pulley-Starting     |
| 7        | 100-2837 | 1    | Starter Recoil      |
| 8        | 100-2772 | 1    | Reel Recoil Starter |
| 9        | 100-2773 | 1    | Rope 3.8x1400       |
| 10       | 100-2774 | 1    | Screw 5x18          |
| 11       | 100-2775 | 1    | Washer 5x12.8x1.2   |
| 12       | 100-2776 | 1    | Spring Recoil       |
| 13       | 100-2777 | 1    | Spring              |
| 14       | 93-8555  | 1    | Spring-Return       |

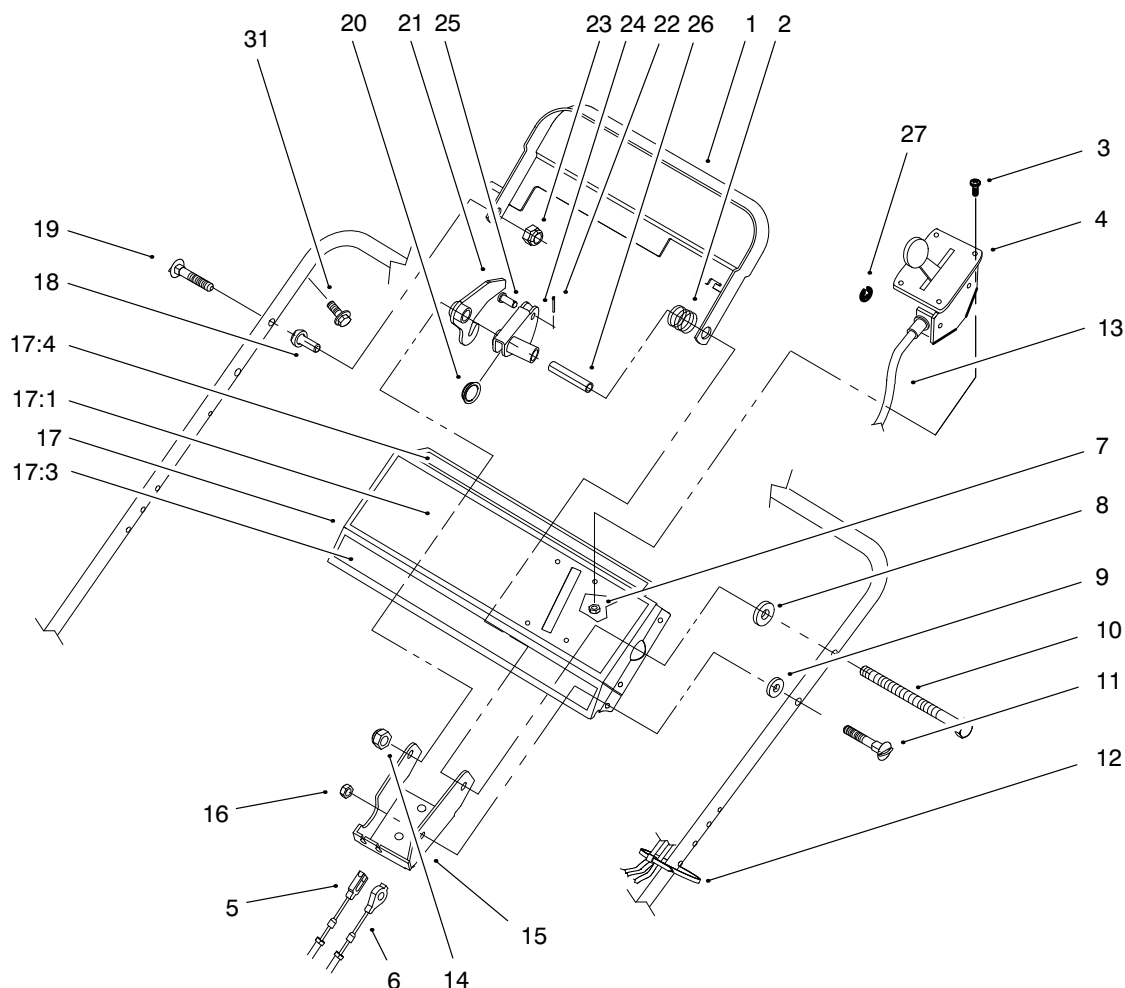


Sheet No.:4

## Handle Assembly

| Ref. No. | Part No.   | Qty. | Description           |
|----------|------------|------|-----------------------|
| 1        | 98-2385-03 | 1    | Handle                |
| 2        | 3290-378   | 1    | Tie-Cable             |
| 3        | 32111-7    | 2    | Nut-Cap               |
| 4        | 3296-29    | 4    | Nut-Lock Ni           |
| 5        | 3290-456   | 4    | Washer-Belleville     |
| 6        | 84-8361-03 | 1    | Latch-LH Handle       |
| 7        | 322-7      | 2    | Screw-HH              |
| 9        | 322-6      | 2    | Screw-HH              |
| 10       | 74-1741-03 | 1    | Brkt-Traction Adj.    |
| 11       | 46-7030    | 1    | Retainer-Cable        |
| 13       | 3-3287     | 2    | Spacer-Handle Latch   |
| 14       | 27-7210    | 2    | Screw-Shoulder        |
| 15       | 48-2810    | 1    | Rod-Bag Support       |
| 20       | 74-1970    | 1    | Decal - Gear Position |
| 21       | 84-8401-03 | 1    | Latch-RH Handle       |
| 22       | 32144-70   | 1    | Screw-Taptite         |
| 23       | 3296-47    | 2    | Nut-Lock Ni           |

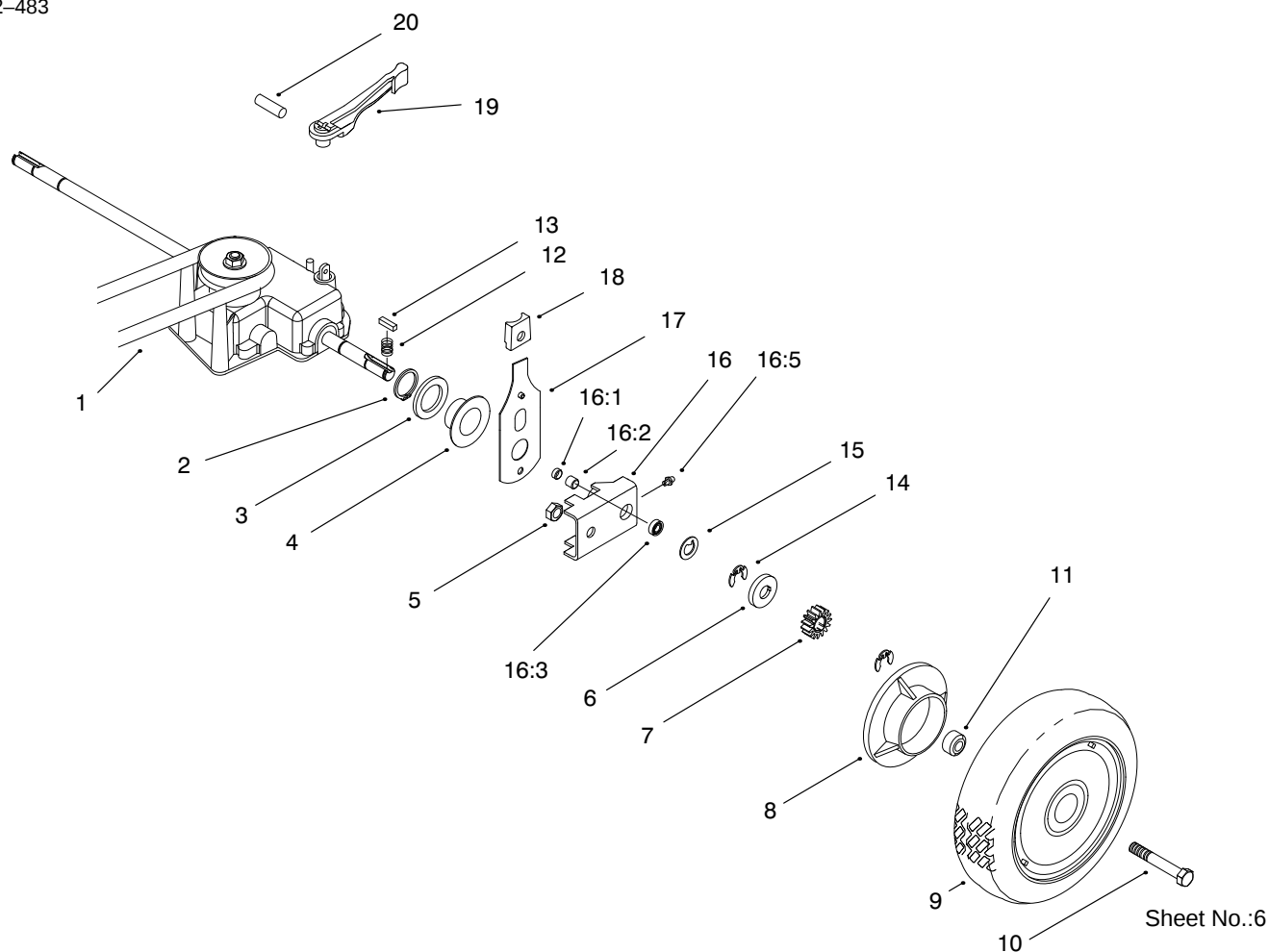
| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |



Sheet No.:5

## Panel & Controls Assembly

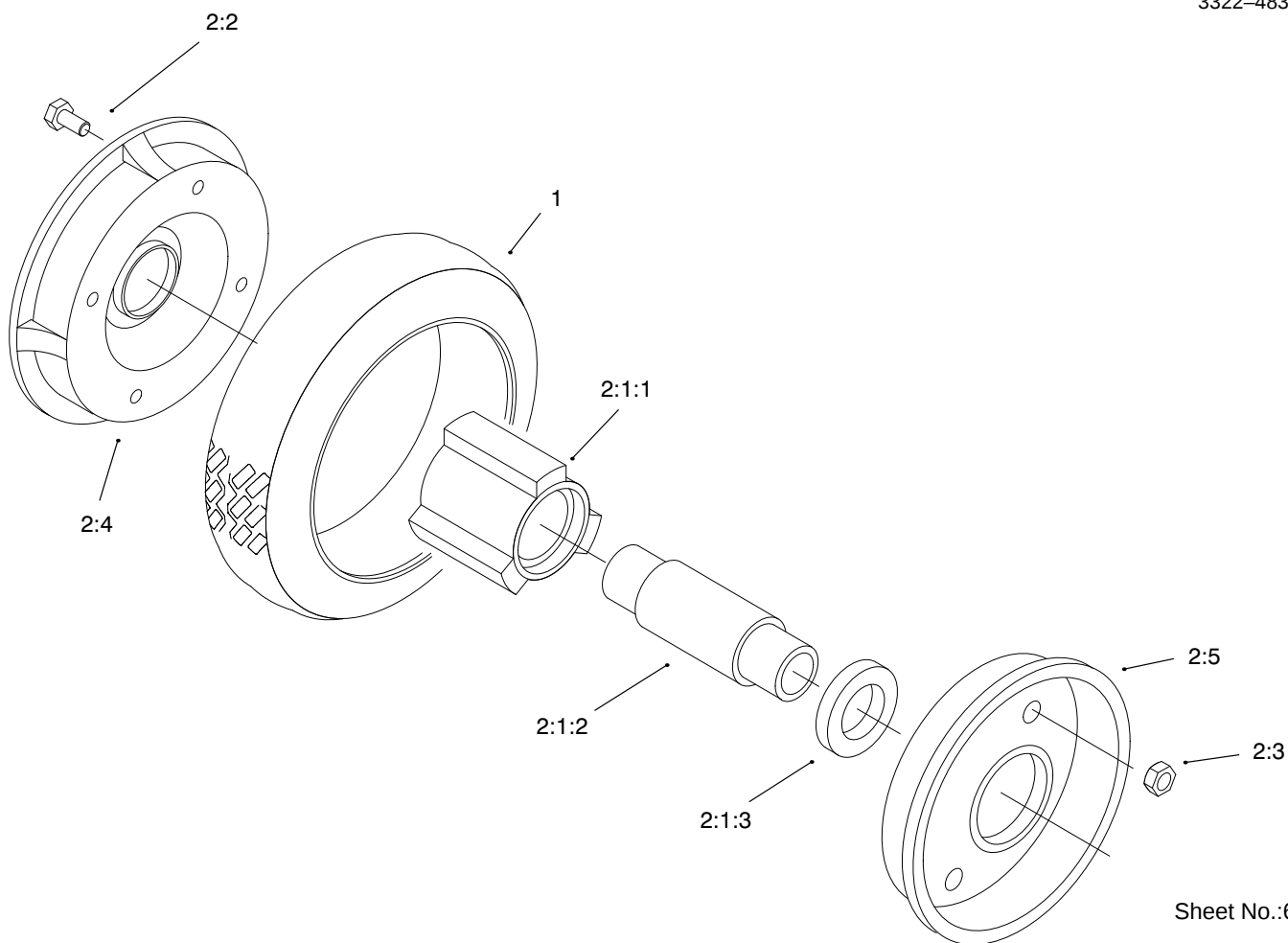
| Ref. No. | Part No.   | Qty. | Description          | Ref. No. | Part No. | Qty. | Description            |
|----------|------------|------|----------------------|----------|----------|------|------------------------|
| 1        | 84-8940-03 | 1    | Control Bar Wa       | 24       | 84-8990  | 1    | Bbc Lever Wa           |
| 2        | 85-6750    | 1    | Spring-Control       | 25       | 84-9040  | 1    | Pin-Cable              |
| 3        | 3250-12    | 4    | Screw-PPH            | 26       | 84-9030  | 1    | Spacer-Control Bracket |
| 4        | 85-6770    | 1    | Control-Throttle     | 27       | 32151-86 | 1    | E-Ring - Throt & Tract |
| 5        | 84-9120    | 1    | Cable-Traction       | 31       | 32104-76 | 6    | Screw-Acorn Slot       |
| 6        | 84-9110    | 1    | Cable-Clutch         |          |          |      |                        |
| 7        | 3296-2     | 4    | 10-24 Lt Esna        |          |          |      |                        |
| 8        | 71-9310    | 1    | Spacer               |          |          |      |                        |
| 9        | 71-9320    | 1    | Spacer               |          |          |      |                        |
| 10       | 322-19     | 1    | Screw-HH             |          |          |      |                        |
| 11       | 46-6430    | 1    | Screw-Handle         |          |          |      |                        |
| 12       | 3290-378   | 1    | Tie-Cable            |          |          |      |                        |
| 13       | 100-2839   | 1    | Cable-Throttle       |          |          |      |                        |
| 14       | 3296-29    | 1    | Nut-Lock Ni          |          |          |      |                        |
| 15       | 92-1778-03 | 1    | Bracket-Control      |          |          |      |                        |
| 16       | 3296-42    | 1    | Nut-Lock Ni          |          |          |      |                        |
| 17       | 14-7709    | 1    | Panel w/Decals       |          |          |      |                        |
| 17:1     | 85-6730    | 1    | Decal-Panel          |          |          |      |                        |
| 17:3     | 85-6720    | 1    | Decal-Proline Panel  |          |          |      |                        |
| 17:4     | 63-9060    | 1    | Decal-Danger         |          |          |      |                        |
| 18       | 49-1631    | 1    | Spacer-Support       |          |          |      |                        |
| 19       | 17-9427    | 1    | Screw-Hdle           |          |          |      |                        |
| 20       | 86-9320    | 1    | Bushing-Nylon Flange |          |          |      |                        |
| 21       | 84-9000    | 1    | Traction Lever Wa    |          |          |      |                        |
| 22       | 3272-1     | 1    | Pin-Cotter           |          |          |      |                        |
| 23       | 3296-58    | 1    | Nut-Lock Ni          |          |          |      |                        |



## Rear Axle Assembly

| Ref. No. | Part No. | Qty. | Description          |
|----------|----------|------|----------------------|
| 1        | 36-8070  | 1    | V-Belt               |
| 2        | 32151-36 | 2    | Ring-Retaining       |
| 3        | 74-1810  | 2    | Washer               |
| 4        | 48-2170  | 2    | Cap-End              |
| 5        | 32152-2  | 2    | Nut-Conelock         |
| 6        | 62-3830  | 2    | Washer-Outer Thrust  |
| 7        | 39-9160  | 2    | Gear-Pinion          |
| 8        | 74-1640  | 2    | Cover-Wheel          |
| 9        | 74-1720  | 2    | Wheel & Tire ASM Sp  |
| 10       | 323-13   | 2    | Screw-HH             |
| 11       | 74-1650  | 2    | Spacer-Wheel Cover   |
| 12       | 39-9650  | 2    | Spring-Comp          |
| 13       | 612066   | 2    | Key Burg-Nort        |
| 14       | 32151-68 | 4    | Ring-Retaining       |
| 15       | 49-7700  | 2    | Washer-Outer Thrust  |
| 16       | 74-1851  | 2    | Pivot Arm Assembly   |
| 16:1     | 47-6730  | 1    | Seal-Oil             |
| 16:2     | 48-2060  | 1    | Bearing-Roller       |
| 16:3     | 52-2450  | 1    | Bearing-Wheel        |
| 16:5     | 92-6316  | 1    | Zerk - Special Drive |
| 17       | 66-7561  | 2    | Rear Spring Arm ASM  |
| 18       | 25-7740  | 2    | Knob-Arm             |
| 19       | 74-1960  | 1    | Lever-Shift          |
| 20       | 32121-99 | 1    | Pin-Coil             |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |



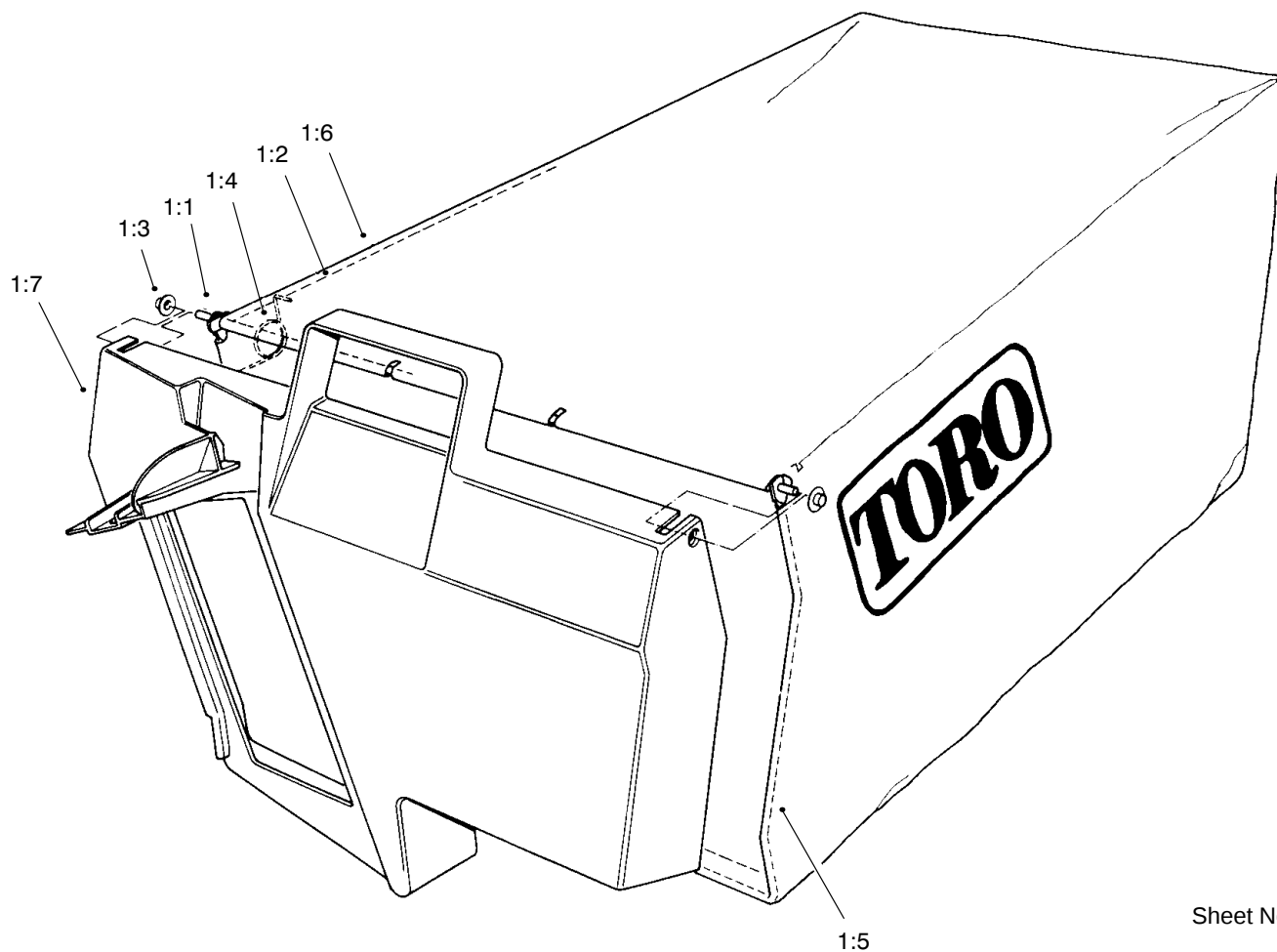
Sheet No.:6a

## Rear Wheel & Tire Assembly

| Ref. No. | Part No.   | Qty. | Description         |
|----------|------------|------|---------------------|
| 1        | 53-7740    | 1    | Tire                |
| *2       |            | 1    | Wheel ASM Sp        |
| *2:1     |            | 1    | Hub & Brg ASM       |
| 2:1:1    | 52-2410    | 1    | Hub-Bearing Supt    |
| 2:1:2    | 52-2440    | 1    | Spacer-Bearing      |
| 2:1:3    | 52-2450    | 2    | Bearing-Wheel       |
| 2:2      | 321-2      | 4    | Screw-HH            |
| 2:3      | 3296-42    | 4    | Nut-Lock Ni         |
| 2:4      | 53-7780-06 | 1    | Plate-Wheel Half    |
| 2:5      | 92-4957-06 | 1    | Wheel Half/Gear ASM |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |

\* Not Illustrated



Sheet No.:6b

## Bagging Assembly

| Ref. No. | Part No. | Qty. | Description                    |
|----------|----------|------|--------------------------------|
| *        | 99-2535  | 1    | Grass Bag<br>Assy-Service Only |
| 1:1      | 33-4820  | 1    | Hinge-Bag Door                 |
| 1:2      | 42-4030  | 1    | Frame-Upper Bag                |
| 1:3      | 3290-422 | 2    | Nut-Push                       |
| 1:4      | 36-6910  | 2    | Spring                         |
| 1:5      | 42-4020  | 1    | Frame-Bag                      |
| 1:6      | 98-9222  | 1    | ASM - Grass Bag                |
| 1:7      | 48-2840  | 1    | Door-grass Bag                 |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |

\* Not Illustrated

# Toro Part Number Index

| Part No. | Page No. | Ref. No. | Qty. | Description         |
|----------|----------|----------|------|---------------------|
| 612066   | 19       | 13       | 2    | Key Burg-Nort       |
| 3-3287   | 17       | 13       | 2    | Spacer-Handle Latch |
| Kw10010  | 15       | 1        | 1    | Gasket              |
| Kw10033  | 6        | 18       | 1    | Bolt, Flanged 8x12  |
| Kw10035  | 6        | 17       | 4    | Bolt, Flanged 8x45  |
| Kw10087  | 10       | 6        | 1    | Cap Plug            |
| Kw10297  | 11       | 22       | 1    | Clip                |
| 13-5149  | 4        | 7        | 1    | Input Shaft w/Zerk  |
| 14-7709  | 18       | 17       | 1    | Panel w/Decals      |
| 14-9419  | 5        | 19       | 1    | Blade w/Decal       |
| 17-9427  | 18       | 19       | 1    | Screw-Hdle          |
| 25-7740  | 1        | 12       | 2    | Knob-Arm            |
| 25-7740  | 19       | 18       | 2    | Knob-Arm            |
| 27-6232  | 1        | 9        | 2    | Bolt-Wheel          |
| 27-7210  | 17       | 14       | 2    | Screw-Shoulder      |
| 29-9271  | 4        | 15       | 2    | Gear-42 Tooth       |
| 29-9330  | 4        | 12       | 4    | Key                 |
| 29-9340  | 4        | 13       | 2    | Collar-Shift        |
| 29-9570  | 4        | 17       | 2    | Bushing-Yoke        |
| 29-9690  | 4        | 25       | 2    | Washer              |
| 33-3208  | 1        | 18       | 1    | Rod-Shield          |
| 33-4820  | 21       | 1:1      | 1    | Hinge-Bag Door      |
| 36-4770  | 4        | 29       | 6    | Washer              |
| 36-4780  | 4        | 37       | 6    | Washer              |
| 36-4792  | 4        | 31       | 8    | Washer-Thrust       |
| 36-6910  | 21       | 1:4      | 2    | Spring              |
| 36-8070  | 19       | 1        | 1    | V-Belt              |
| 37-7260  | 1        | 22       | 2    | Screw-HH            |
| 39-6650  | 4        | 32       | 2    | Gear-18t            |
| 39-6660  | 4        | 11       | 2    | Pinion-Bevel        |
| 39-6720  | 4        | 20       | 2    | Sleeve              |
| 39-6740  | 4        | 8        | 2    | Pulley              |
| 39-7842  | 4        | 39       | 2    | Key                 |
| 39-9160  | 19       | 7        | 2    | Gear-Pinion         |
| 39-9650  | 19       | 12       | 2    | Spring-Comp         |
| 40-1940  | 1        | 3        | 4    | Washer-Wheel Bolt   |
| 42-0884  | 5        | 35       | 1    | V-Belt              |
| 42-3190  | 5        | 12       | 2    | Bolt-Blade          |
| 42-4020  | 21       | 1:5      | 1    | Frame-Bag           |
| 42-4030  | 21       | 1:2      | 1    | Frame-Upper Bag     |
| 42-4740  | 4        | 14       | 2    | Gear-38 Tooth       |
| 42-6890  | 5        | 14       | 1    | Hub ASM (Bbc)       |
| 43-8480  | 1        | 1:6      | 1    | Decal-Danger        |
| 44-0580  | 1        | 17       | 1    | Shield - Trailing   |
| 46-3540  | 4        | 34       | 2    | Gear                |
| 46-3550  | 4        | 33       | 2    | Gear                |
| 46-3560  | 4        | 26       | 2    | Gear                |
| 46-5631  | 5        | 37       | 2    | Hub-Idler Pulley    |
| 46-5650  | 5        | 36       | 1    | Pulley-Idler        |
| 46-5693  | 5        | 16       | 1    | Shield-Bbc          |
| 46-6430  | 18       | 11       | 1    | Screw-Handle        |
| 46-6810  | 1        | 39       | 1    | Screw & Washer ASM  |
| 46-6811  | 1        | 14       | 1    | Screw/Washer V      |
| 46-7030  | 17       | 11       | 1    | Retainer-Cable      |
| 46-7040  | 5        | 47       | 1    | Screw-Thd Form      |
| 46-8090  | 1        | 28       | 2    | Screw-Plastite      |
| 47-2910  | 4        | 6        | 2    | Washer-Thrust       |
| 47-6730  | 4        | 18       | 4    | Seal-Oil            |
| 47-6730  | 19       | 16:1     | 1    | Seal-Oil            |
| 47-7260  | 4        | 41       | 2    | Seal                |
| 47-7270  | 4        | 23       | 4    | Bearing             |
| 48-2060  | 4        | 28       | 4    | Bearing-Roller      |

\*Not Illustrated

# Toro Part Number Index (cont.)

| Part No.   | Page No. | Ref. No. | Qty. | Description          |
|------------|----------|----------|------|----------------------|
| 48-2060    | 19       | 16:2     | 1    | Bearing—Roller       |
| 48-2170    | 19       | 4        | 2    | Cap—End              |
| 48-2810    | 17       | 15       | 1    | Rod—Bag Support      |
| 48-2840    | 21       | 1:7      | 1    | Door—grass Bag       |
| 49-1631    | 18       | 18       | 1    | Spacer—Support       |
| 49-2040    | 1        | 42       | 4    | Screw—Taptite        |
| 49-2040    | 4        | 24       | 14   | Screw—Taptite        |
| 49-2810    | 5        | 25       | 1    | Link — Control       |
| 49-2820    | 5        | 28       | 1    | Lever                |
| 49-7700    | 19       | 15       | 2    | Washer—Outer Thrust  |
| 49-7950    | 5        | 27       | 1    | Sleeve—Bellcrank     |
| 49-7960    | 5        | 26       | 1    | Bellcrank            |
| 49-7970    | 5        | 30       | 1    | Spring—Torsion       |
| 49-8461-03 | 4        | 3        | 1    | Bracket—Belt Guide   |
| 49-8740    | 1        | 19       | 1    | Quadrant—LH Rear     |
| 49-8750    | 1        | 24       | 1    | Quadrant—RH Rear     |
| 49-8760    | 1        | 13       | 1    | Quadrant—LH Front    |
| 49-8770    | 1        | 43       | 1    | Quadrant—RH Front    |
| 52-2410    | 3        | 2:1:1    | 1    | Hub—Bearing Supt     |
| 52-2410    | 20       | 2:1:1    | 1    | Hub—Bearing Supt     |
| 52-2440    | 3        | 2:1:2    | 1    | Spacer—Bearing       |
| 52-2440    | 20       | 2:1:2    | 1    | Spacer—Bearing       |
| 52-2450    | 3        | 2:1:3    | 2    | Bearing—Wheel        |
| 52-2450    | 19       | 16:3     | 1    | Bearing—Wheel        |
| 52-2450    | 20       | 2:1:3    | 2    | Bearing—Wheel        |
| 52-2480    | 1        | 8        | 2    | Spacer—Wheel         |
| 52-2620    | 1        | 35       | 1    | Label—Sp Grease      |
| 52-3480    | 5        | 13:1     | 2    | Dampner—Vibration    |
| 53-7720    | 1        | 10       | 2    | Wheel & Tire ASM     |
| 53-7740    | 3        | 1        | 1    | Tire                 |
| 53-7740    | 20       | 1        | 1    | Tire                 |
| 53-7780-06 | 3        | 2:4      | 2    | Plate—Wheel Half     |
| 53-7780-06 | 20       | 2:4      | 1    | Plate—Wheel Half     |
| 53-7950    | 4        | 36       | 2    | Shaft—Intermediate   |
| 54-9190    | 5        | 22       | 2    | Nut—Lock             |
| 55-8010    | 4        | 19       | 2    | Sleeve—Gear          |
| 55-8020    | 4        | 21       | 2    | Retainer—Key         |
| 56-6160    | 5        | 11       | 1    | Flywheel *B          |
| 56-6180    | 5        | 10       | 1    | Driver—Pulley        |
| 60-8870    | 4        | 16       | 2    | Yoke—Shift           |
| 61-8300    | 1        | 7        | 2    | Pivot Arm Wa — Front |
| 62-3720    | 5        | 52       | 1    | Cable Clamp          |
| 62-3830    | 19       | 6        | 2    | Washer—Outer Thrust  |
| 62-4280    | 5        | 17       | 1    | Spacer—Blade         |
| 63-9060    | 18       | 17:4     | 1    | Decal—Danger         |
| 65-5280    | 5        | 45       | 1    | Retainer—Spring      |
| 66-0570-03 | 5        | 8        | 1    | Brkt—Belt Guide      |
| 66-7560    | 1        | 5        | 2    | Front Spring Arm ASM |
| 66-7561    | 19       | 17       | 2    | Rear Spring Arm ASM  |
| 68-9780    | 5        | 32       | 2    | Bearing              |
| 70-1160    | 5        | 31       | 1    | Washer — Pm          |
| 71-9310    | 18       | 8        | 1    | Spacer               |
| 71-9320    | 18       | 9        | 1    | Spacer               |
| 71-9350    | 1        | 34       | 1    | Bracket—Spring       |
| 74-1640    | 19       | 8        | 2    | Cover—Wheel          |
| 74-1650    | 19       | 11       | 2    | Spacer—Wheel Cover   |
| 74-1720    | 19       | 9        | 2    | Wheel & Tire ASM Sp  |
| 74-1741-03 | 17       | 10       | 1    | Brkt—Traction Adj.   |
| 74-1750-03 | 4        | 44       | 1    | Brk—Traction Engage  |
| 74-1760    | 4        | 35       | 2    | Gear—Bevel           |
| 74-1810    | 19       | 3        | 2    | Washer               |
| 74-1851    | 19       | 16       | 2    | Pivot Arm Assembly   |

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| Part No.   | Page No. | Ref. No. | Qty. | Description             |
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| 74-1861    | 1        | 20       | 1    | Gear Case ASM (Service) |
| 74-1861    | 4        | *        | 1    | Gear Case ASM (Service) |
| 74-1880    | 4        | 9        | 2    | Case-Upper Gear         |
| 74-1890    | 4        | 4        | 2    | Shaft-Output            |
| 74-1920    | 4        | 2        | 2    | Case-Lower Gear         |
| 74-1960    | 19       | 19       | 1    | Lever-Shift             |
| 74-1970    | 17       | 20       | 1    | Decal - Gear Position   |
| 76-4640    | 1        | 27:3     | 1    | Latch-Disc. Plug        |
| 76-4650    | 1        | 27:4     | 1    | Grip-Latch              |
| 76-4660    | 1        | 33       | 1    | Spring-Door             |
| 77-0500    | 1        | 27       | 1    | Discharge Plug Assembly |
| 80-2770    | 5        | 21       | 1    | Anti-Scalp Cup          |
| 80-3770    | 1        | 32       | 1    | Spring-Door Ret         |
| 84-8361-03 | 17       | 6        | 1    | Latch-LH Handle         |
| 84-8401-03 | 17       | 21       | 1    | Latch-RH Handle         |
| 84-8870    | 5        | 48       | 1    | Guide-Spring            |
| 84-8880-03 | 5        | 49       | 1    | Bracket-Spring          |
| 84-8930    | 1        | 48       | 2    | Shield-Retainer         |
| 84-8940    | 18       | 1        | 1    | Control Bar Wa          |
| 84-8990    | 18       | 24       | 1    | Bbc Lever Wa            |
| 84-9000    | 18       | 21       | 1    | Traction Lever Wa       |
| 84-9030    | 18       | 26       | 1    | Spacer-Control Bracket  |
| 84-9040    | 5        | 50       | 1    | Pin-Cable               |
| 84-9040    | 18       | 25       | 1    | Pin-Cable               |
| 84-9050    | 5        | 44       | 1    | Pin-Spring              |
| 84-9100    | 5        | 46       | 1    | Spring-Bbc              |
| 84-9110    | 18       | 6        | 1    | Cable-Clutch            |
| 84-9120    | 18       | 5        | 1    | Cable-Traction          |
| 84-9130    | 5        | 34       | 1    | Brake Plate Wa          |
| 84-9180    | 5        | 42       | 1    | Brake Plate Assembly    |
| 85-6720    | 18       | 17:3     | 1    | Decal-Proline Panel     |
| 85-6730    | 18       | 17:1     | 1    | Decal-Panel             |
| 85-6750    | 18       | 2        | 1    | Spring-Control          |
| 85-6770    | 18       | 4        | 1    | Control-Throttle        |
| 85-6880    | 5        | 33       | 1    | Spring-Torsion          |
| 86-9320    | 18       | 20       | 1    | Bushing-Nylon Flange    |
| 91-2255-03 | 5        | 20       | 1    | Stiffener-Blade Bbc     |
| 92-1720    | 1        | 1:3      | 1    | Kicker - Front          |
| 92-1730    | 1        | 1:4      | 1    | Kicker - R.h.           |
| 92-1750    | 1        | 1:2      | 1    | Kicker - Rear, Sp       |
| 92-1778-03 | 18       | 15       | 1    | Bracket-Control         |
| 92-4957-06 | 20       | 2:5      | 1    | Wheel Half/Gear ASM     |
| 92-6316    | 19       | 16:5     | 1    | Zerk - Special Drive    |
| 92-7988    | 1        | 46       | 1    | Decal - Recycler        |
| 93-3154    | 1        | 29       | 1    | Latch-Plate             |
| 93-7351    | 1        | 30       | 1    | ASM - Discharge Door    |
| 93-8516    | 6        | 15       | 2    | Pin                     |
| 93-8526    | 12       | 13       | 1    | Key                     |
| 93-8527    | 12       | 14       | 2    | Bolt-Rod                |
| 93-8533    | 7        | 11       | 2    |                         |
| 93-8534    | 7        | 12       | 2    |                         |
| 93-8549    | 6        | 28       | 2    | Screw                   |
| 93-8549    | 13       | 11       | 3    | Screw                   |
| 93-8555    | 16       | 14       | 1    |                         |
| 93-8568    | 10       | 21       | 1    | Nut                     |
| 93-8571    | 10       | 12       | 1    | Key                     |
| 93-8588    | 8        | 20       | 1    | Spring                  |
| 93-8595    | 8        | 14       | 1    | Nut                     |
| 93-8607    | 8        | 27       | 1    | Pin-Snap                |
| 93-8608    | 8        | 12       | 1    | Washer                  |
| 93-8608    | 8        | 23       | 1    | Washer                  |
| 93-8611    | 8        | 10       | 1    | Governor ASM            |

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| Part No.   | Page No. | Ref. No. | Qty. | Description                 |
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| 93-8631    | 8        | 13       | 3    | Nut                         |
| 93-8639    | 13       | 24       | 2    | Washer                      |
| 94-6842    | 8        | 15       | 1    | Washer                      |
| 94-9044    | 16       | 1        | 1    | Cap - Grip                  |
| 94-9431    | 5        | 13       | 1    | ASM - Brake Drum            |
| 95-9716    | 13       | 12       | 2    | Screw                       |
| 95-9837    | 8        | 24       | 1    | Bolt - Flanged              |
| 95-9849    | 8        | 17       | 1    | Clamp                       |
| 95-9853    | 8        | 22       | 1    | Bolt                        |
| 98-2385-03 | 17       | 1        | 1    | Handle                      |
| 98-7146    | 1        | 1        | 1    | Housing - Service           |
| 98-9222    | 21       | 1:6      | 1    | ASM - Grass Bag             |
| 99-2535    | 21       | *        | 1    | Grass Bag Assy-Service Only |
| 99-6297    | 5        | 3        | 1    | Decal Engine                |
| 99-6298    | 1        | 21       | 1    | Cover-Belt,Sp (Commercial)  |
| 99-6722    | 1        | 50       | 1    | Guard Engine                |
| 99-6728    | 6        | 30       | 1    | Oil Slinger                 |
| 99-6729    | 6        | 31       | 1    | Shaft                       |
| 99-6730    | 6        | 32       | 1    | Gasket                      |
| 100-2600   | 14       | 1        | 1    | Cover Upper                 |
| 100-2601   | 14       | 4        | 3    | Stud                        |
| 100-2602   | 14       | 5        | 1    | Stud                        |
| 100-2603   | 14       | 6        | 4    | Nut                         |
| 100-2604   | 14       | 7        | 4    | Nut 6mm                     |
| 100-2605   | 14       | 9        | 4    | Spacer 6.2x7.8x22           |
| 100-2606   | 14       | 8        | 4    | Spacer 6.2x7.8x17           |
| 100-2607   | 14       | 10       | 1    | Grommet                     |
| 100-2609   | 6        | 21       | 4    | Bolt Flanged                |
| 100-2609   | 14       | 12       | 2    | Bolt Flanged                |
| 100-2610   | 6        | 19       | 6    | Bolt Flanged                |
| 100-2610   | 10       | 18       | 2    | Bolt Flanged                |
| 100-2610   | 14       | 13       | 4    | Bolt Flanged                |
| 100-2611   | 11       | 1        | 1    | Gasket                      |
| 100-2612   | 11       | 2        | 1    | Gasket                      |
| 100-2613   | 11       | 3        | 1    | Gasket Carburetor           |
| 100-2614   | 11       | 4        | 1    | Gasket Insulator            |
| 100-2615   | 11       | 5        | 1    | Carburetor ASM              |
| 100-2616   | 11       | 6        | 1    | Screw Pilot Air             |
| 100-2617   | 11       | 7        | 1    | Chamber Float               |
| 100-2618   | 11       | 8        | 1    | Valve Throttle              |
| 100-2619   | 11       | 9        | 1    | Valve Float                 |
| 100-2620   | 11       | 10       | 1    | Float                       |
| 100-2621   | 11       | 11       | 1    | Shaft Carburetor Throttle   |
| 100-2622   | 11       | 12       | 1    | Shaft Carburetor Choke      |
| 100-2623   | 11       | 13       | 1    | Insulator                   |
| 100-2624   | 11       | 14       | 1    | Valve                       |
| 100-2625   | 11       | 15       | 1    | Limiter                     |
| 100-2626   | 11       | 16       | 1    | Nozzle Main                 |
| 100-2627   | 11       | 17       | 1    | Screw                       |
| 100-2628   | 11       | 18       | 1    | Screw                       |
| 100-2629   | 11       | 19       | 2    | Screw                       |
| 100-2630   | 11       | 20       | 1    | Collar                      |
| 100-2631   | 11       | 21       | 1    | Collar                      |
| 100-2633   | 11       | 23       | 1    | Pin                         |
| 100-2634   | 11       | 24       | 1    | Jet Main #62.5              |
| 100-2635   | 11       | 27       | 1    | Jet Pilot #37.5             |
| 100-2636   | 11       | 28       | 3    | Spring                      |
| 100-2637   | 11       | 29       | 1    | Seal                        |
| 100-2638   | 11       | 30       | 1    | Seal                        |
| 100-2639   | 11       | 31       | 1    | Collar                      |
| 100-2640   | 11       | 32       | 1    | Bolt                        |
| 100-2641   | 11       | 33       | 1    | Tube 4x7x125                |

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| Part No. | Page No. | Ref. No. | Qty. | Description                 |
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| 100-2642 | 11       | 34       | 1    | Screw Pan                   |
| 100-2652 | 10       | 3        | 1    | Cover                       |
| 100-2653 | 10       | 4        | 1    | Insulator                   |
| 100-2657 | 10       | 8        | 1    | Coil ASM Ignition           |
| 100-2658 | 10       | 9        | 1    | Flywheel Complete           |
| 100-2660 | 10       | 11       | 1    | Wire Lead L=300mm           |
| 100-2662 | 10       | 13       | 1    | Plug-Spark Bpr5es(Ngk)      |
| 100-2663 | 10       | 14       | 1    | Bolt 4x20                   |
| 100-2664 | 10       | 15       | 1    | Clamp                       |
| 100-2665 | 10       | 16       | 1    | Washer                      |
| 100-2668 | 10       | 19       | 1    | Nut Hex                     |
| 100-2672 | 12       | 1        | 1    | Piston Engine               |
| 100-2673 | 12       | 2        | 1    | Pin-Piston                  |
| 100-2674 | 12       | 3        | 1    | Ring Set Piston             |
| 100-2675 | 12       | 4        | 1    | Ring Set Piston L0.25       |
| 100-2676 | 12       | 5        | 1    | Ring Set Piston L0.50       |
| 100-2677 | 12       | 6        | 1    | Piston Engine L0.25         |
| 100-2678 | 12       | 7        | 1    | Piston Engine L0.50         |
| 100-2680 | 12       | 9        | 1    | Rod ASM Connecting          |
| 100-2681 | 12       | 10       | 1    | Rod ASM Connecting U/S=0.50 |
| 100-2682 | 12       | 11       | 1    | Gear-Helical                |
| 100-2683 | 12       | 12       | 2    | Ring-Snap                   |
| 100-2687 | 15       | 3        | 1    | Guide                       |
| 100-2688 | 15       | 10       | 1    | Gauge                       |
| 100-2689 | 15       | 12       | 1    | Filler                      |
| 100-2690 | 15       | 20       | 1    | O-Ring                      |
| 100-2691 | 13       | 1        | 1    | Cap Air Filter              |
| 100-2692 | 13       | 2        | 1    | Element Air Filter          |
| 100-2693 | 13       | 3        | 1    | Element Air Filter          |
| 100-2694 | 13       | 4        | 1    | Element ASM Air Filter      |
| 100-2695 | 13       | 5        | 1    | Bracket                     |
| 100-2696 | 13       | 6        | 1    | Gasket Intake Pipe          |
| 100-2697 | 13       | 7        | 1    | Gasket Muffler              |
| 100-2698 | 13       | 8        | 1    | Pipe-Intake                 |
| 100-2699 | 13       | 9        | 1    | Muffler Complete            |
| 100-2700 | 8        | 1        | 1    | Lever                       |
| 100-2701 | 8        | 2        | 1    | Lever                       |
| 100-2702 | 8        | 3        | 1    | Link-Choke                  |
| 100-2703 | 8        | 4        | 1    | Link                        |
| 100-2704 | 8        | 5        | 1    | Arm-ASM                     |
| 100-2705 | 8        | 6        | 1    | Arm-Pivot                   |
| 100-2706 | 8        | 7        | 1    | Spring-Governor             |
| 100-2707 | 8        | 8        | 1    | Panel-ASM Control           |
| 100-2708 | 8        | 9        | 1    | Sleeve                      |
| 100-2710 | 8        | 11       | 1    | Panel-Control               |
| 100-2715 | 8        | 16       | 2    | Washer 6x9x1.2              |
| 100-2717 | 8        | 18       | 1    | Spring Link                 |
| 100-2718 | 8        | 19       | 2    | Collar 6x13x2.3             |
| 100-2724 | 8        | 25       | 2    | Bolt-Upset-Wsp              |
| 100-2725 | 8        | 26       | 1    | Screw-Pan                   |
| 100-2727 | 7        | 1        | 1    | Valve-Intake                |
| 100-2728 | 7        | 2        | 1    | Valve-Exhaust               |
| 100-2729 | 7        | 3        | 2    | Retainer-Valve Spring       |
| 100-2730 | 7        | 4        | 2    | Arm-Rocker                  |
| 100-2731 | 7        | 5        | 2    | Tappet                      |
| 100-2732 | 7        | 6        | 1    | Guide                       |
| 100-2733 | 7        | 7        | 2    | Rod-Push                    |
| 100-2734 | 7        | 8        | 1    | Decompressor                |
| 100-2735 | 7        | 9        | 2    | Spring-Engine Valve         |
| 100-2736 | 7        | 10       | 1    | Camshaft-Complete           |
| 100-2739 | 7        | 13       | 3    | Pin                         |
| 100-2740 | 7        | 14       | 1    | Spring                      |

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| 100-2741 | 7        | 15       | 2    | Bolt                   |
| 100-2742 | 6        | 1        | 1    | Gasket-Head            |
| 100-2743 | 6        | 2        | 1    | Head-Complete-Cylinder |
| 100-2744 | 6        | 3        | 1    | Gasket Rocker Case     |
| 100-2745 | 6        | 4        | 1    | Case-Rocker            |
| 100-2746 | 6        | 5        | 1    | Gasket Cover           |
| 100-2747 | 6        | 6        | 1    | Gasket Crankcase Cover |
| 100-2748 | 6        | 7        | 1    | Plate                  |
| 100-2749 | 6        | 8        | 1    | Plate                  |
| 100-2750 | 13       | 10       | 1    | Cover Muffler          |
| 100-2754 | 13       | 14       | 2    | Spacer 6.2x7.8x8       |
| 100-2755 | 13       | 15       | 1    | Tube                   |
| 100-2756 | 13       | 16       | 1    | Bolt                   |
| 100-2757 | 13       | 17       | 1    | Clamp                  |
| 100-2758 | 13       | 18       | 1    | Clamp                  |
| 100-2759 | 13       | 19       | 2    | Washer 7x21x2.3        |
| 100-2760 | 13       | 20       | 1    | Washer 6.5x18x2.0      |
| 100-2760 | 14       | 11       | 4    | Washer 6.5x18x2.0      |
| 100-2761 | 13       | 21       | 2    | Bolt-Stud              |
| 100-2762 | 13       | 22       | 2    | Bolt Upset Wp          |
| 100-2763 | 13       | 23       | 2    | Screw Pan              |
| 100-2766 | 16       | 2        | 1    | Holder                 |
| 100-2767 | 16       | 3        | 1    | Pawl Recoil Starter    |
| 100-2768 | 16       | 4        | 1    | Retainer-Spring        |
| 100-2769 | 16       | 5        | 1    | Grip Recoil Starter    |
| 100-2770 | 16       | 6        | 1    | Pulley-Starting        |
| 100-2772 | 16       | 8        | 1    | Reel Recoil Starter    |
| 100-2773 | 16       | 9        | 1    | Rope 3.8x1400          |
| 100-2774 | 16       | 10       | 1    | Screw 5x18             |
| 100-2775 | 16       | 11       | 1    | Washer 5x12.8x1.2      |
| 100-2776 | 16       | 12       | 1    | Spring Recoil          |
| 100-2777 | 16       | 13       | 1    | Spring                 |
| 100-2779 | 6        | 9        | 1    | Cover                  |
| 100-2780 | 6        | 10       | 1    | Valve                  |
| 100-2781 | 6        | 11       | 1    | Valve                  |
| 100-2782 | 6        | 12       | 1    | Cover-Crankcase        |
| 100-2793 | 14       | 2        | 1    | Cover Lower            |
| 100-2794 | 14       | 3        | 1    | Cover                  |
| 100-2796 | 10       | 7        | 1    | Terminal               |
| 100-2798 | 10       | 23       | 1    | Washer Plain           |
| 100-2804 | 6        | 20       | 4    | Bolt-Flanged           |
| 100-2804 | 9        | 17       | 2    | Bolt-Flanged           |
| 100-2804 | 15       | 23       | 3    | Bolt-Flanged           |
| 100-2808 | 9        | 1        | 1    | Gasket                 |
| 100-2809 | 9        | 2        | 1    | Guide                  |
| 100-2810 | 9        | 3        | 1    | Lever                  |
| 100-2811 | 9        | 4        | 1    | Filter Complete        |
| 100-2812 | 9        | 5        | 1    | Filter Fuel            |
| 100-2813 | 9        | 7        | 1    | Element-Breather       |
| 100-2814 | 9        | 6        | 1    | Filter Fuel            |
| 100-2815 | 9        | 8        | 1    | Tank Complete Fuel     |
| 100-2816 | 9        | 9        | 1    | Cap-ASM-Tank           |
| 100-2817 | 9        | 10       | 1    | Screw                  |
| 100-2818 | 9        | 11       | 1    | Clamp                  |
| 100-2819 | 9        | 12       | 1    | Tube                   |
| 100-2820 | 9        | 13       | 2    | Clamp                  |
| 100-2821 | 9        | 14       | 1    | Clamp                  |
| 100-2822 | 9        | 15       | 2    | Clamp                  |
| 100-2823 | 9        | 16       | 1    | Tube 4.8x10.3x433      |
| 100-2825 | 9        | 18       | 2    | Screw-Pan-Wp           |
| 100-2828 | 12       | 8        | 1    | Crankshaft             |
| 100-2830 | 15       | 22       | 1    | Cover                  |

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| 100-2831  | 15       | 21       | 1    | O Ring             |
| 100-2835  | 5        | 7        | 3    | Screw-Engine Mount |
| 100-2837  | 16       | 7        | 1    | Starter Recoil     |
| 100-2839  | 18       | 13       | 1    | Cable-Throttle     |
| 100-2840  | 6        | 13       | 1    | O-Ring             |
| 100-2841  | 6        | 14       | 1    | Ball Bearing       |
| 100-2842  | 6        | 16       | 1    | Bolt Upset Wsp     |
| 100-2843  | 6        | 22       | 1    | Washer 6x12x1.6    |
| 100-2844  | 6        | 23       | 1    | Washer 5x16x0.8    |
| 100-2846  | 6        | 25       | 1    | Tube               |
| 100-2847  | 6        | 26       | 2    | Seal Oil           |
| 100-2848  | 6        | 27       | 2    | Pin                |
| 100-2849  | 6        | 29       | 1    | Crankcase Complete |
| 100-2854  | 6        | 24       | 1    | Plug               |
| 100-2855  | 6        | 33       | 1    | Bolt Flanged       |
| 252-103   | 4        | 30       | 4    | Bearing-Closed     |
| 257-3     | 1        | 6        | 2    | Washer-Thrust      |
| 302-63    | 4        | 42       | 2    | Zerk               |
| 321-2     | 3        | 2:2      | 4    | Screw-HH           |
| 321-2     | 20       | 2:2      | 4    | Screw-HH           |
| 321-7     | 1        | 26       | 2    | Screw-HH           |
| 322-6     | 5        | 38       | 1    | Screw-HH           |
| 322-6     | 5        | 51       | 1    | Screw-HH           |
| 322-6     | 17       | 9        | 2    | Screw-HH           |
| 322-7     | 17       | 7        | 2    | Screw-HH           |
| 322-19    | 18       | 10       | 1    | Screw-HH           |
| 323-6     | 1        | 47       | 3    | Screw-HH           |
| 323-12    | 1        | 11       | 2    | Screw-HH           |
| 323-13    | 19       | 10       | 2    | Screw-HH           |
| 3250-12   | 18       | 3        | 4    | Screw-PPH          |
| 3256-22   | 1        | 25       | 2    | Washer-Flat        |
| 3256-23   | 5        | 24       | 1    | Washer-Flat        |
| 3256-45   | 4        | 45       | 2    | Washer-Flat        |
| 3257-1    | 4        | 27       | 4    | Key-Woodruff       |
| 3257-17   | 5        | 9        | 1    | Key-Hi-Pro         |
| 3272-1    | 5        | 43       | 2    | Pin-Cotter         |
| 3272-1    | 18       | 22       | 1    | Pin-Cotter         |
| 3285-19   | 4        | 22       | 2    | Pin-Groove         |
| 3290-378  | 17       | 2        | 1    | Tie-Cable          |
| 3290-378  | 18       | 12       | 1    | Tie-Cable          |
| 3290-422  | 21       | 1:3      | 2    | Nut-Push           |
| 3290-456  | 17       | 5        | 4    | Washer-Belleville  |
| 3295-35   | 1        | 27:1     | 1    | Rivet-Alum         |
| 3296-2    | 18       | 7        | 4    | 10-24 Lt Esna      |
| 3296-5    | 4        | 10       | 2    | Nut-Lock Ni        |
| 3296-6    | 1        | 2        | 2    | Nut-Lock Ni        |
| 3296-29   | 17       | 4        | 4    | Nut-Lock Ni        |
| 3296-29   | 18       | 14       | 1    | Nut-Lock Ni        |
| 3296-33   | 5        | 18       | 1    | Nut-Lock Ni        |
| 3296-39   | 1        | 49       | 3    | Nut-Lock Ni        |
| 3296-42   | 1        | 23       | 2    | Nut-Lock Ni        |
| 3296-42   | 3        | 2:3      | 4    | Nut-Lock Ni        |
| 3296-42   | 18       | 16       | 1    | Nut-Lock Ni        |
| 3296-42   | 20       | 2:3      | 4    | Nut-Lock Ni        |
| 3296-47   | 5        | 39       | 1    | Nut-Lock Ni        |
| 3296-47   | 17       | 23       | 2    | Nut-Lock Ni        |
| 3296-58   | 5        | 53       | 1    | Nut-Lock Ni        |
| 3296-58   | 18       | 23       | 1    | Nut-Lock Ni        |
| 32104-76  | 18       | 31       | 6    | Screw-Acorn Slot   |
| 32104-96  | 5        | 29       | 1    | Screw-HH           |
| 32104-107 | 5        | 23       | 1    | Screw-HH           |
| 32111-7   | 17       | 3        | 2    | Nut-Cap            |

\*Not Illustrated

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| 32144-86        | 2               | 51              | 4           | Screw-HH               |
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| 32151-36        | 19              | 2               | 2           | Ring-Retaining         |
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