



**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.

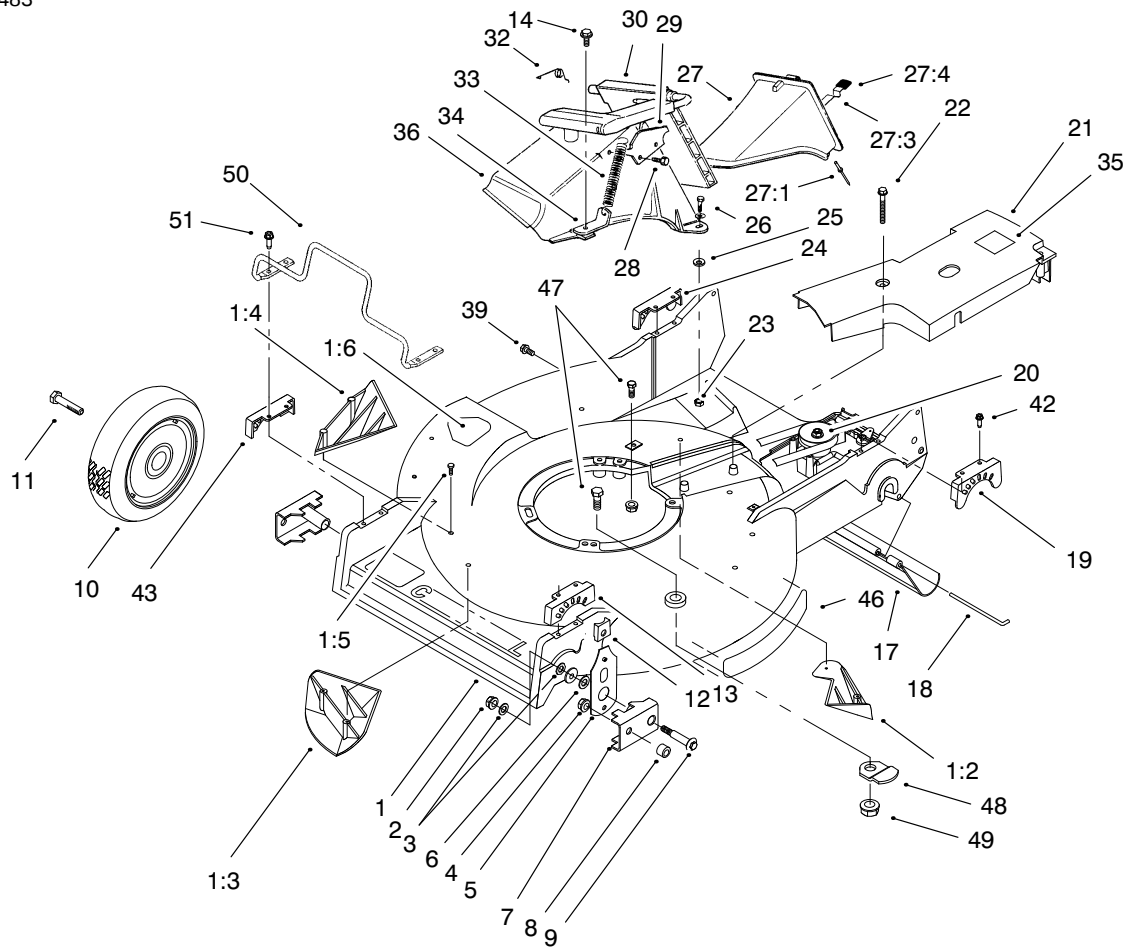
For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part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

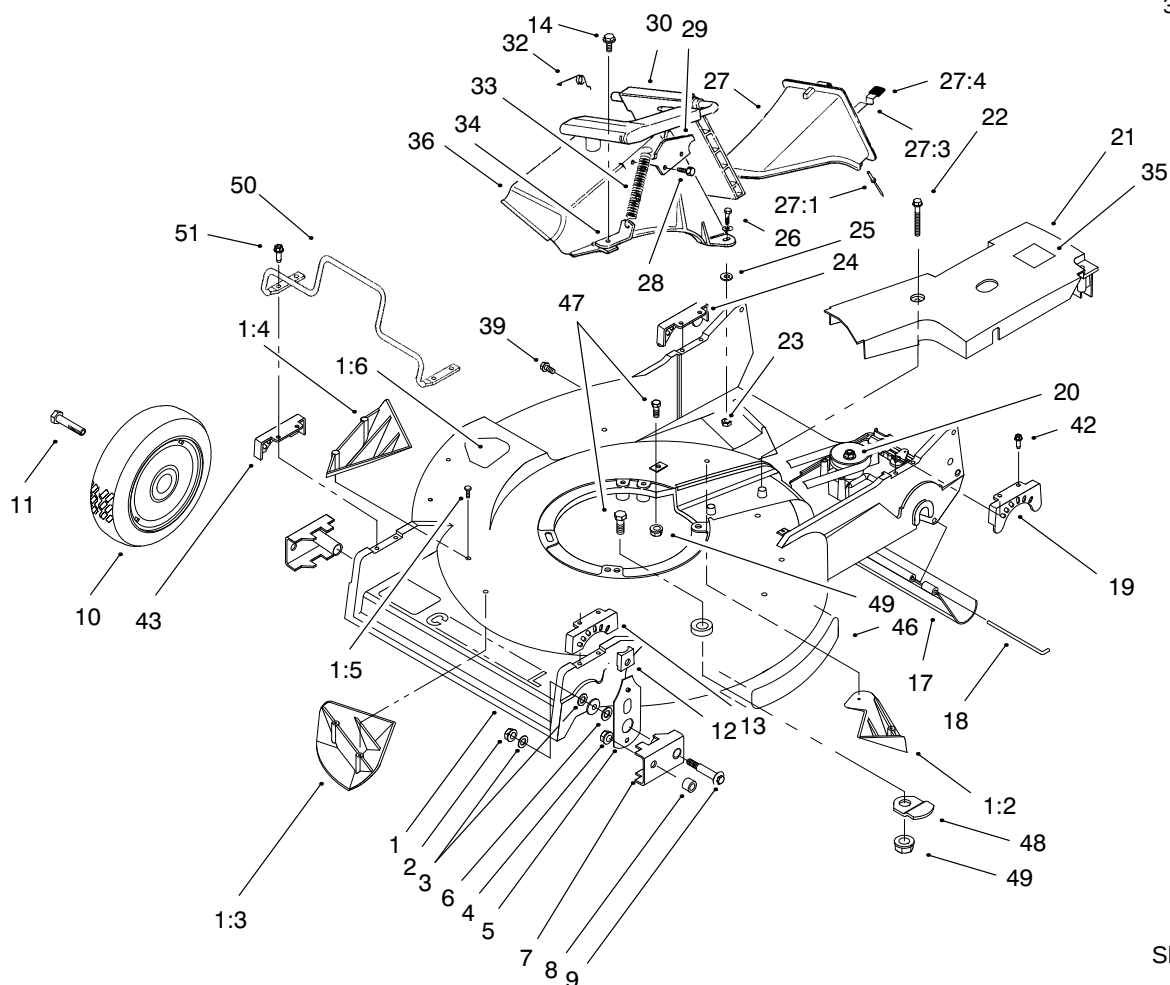


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## Housing Assembly

| 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) |

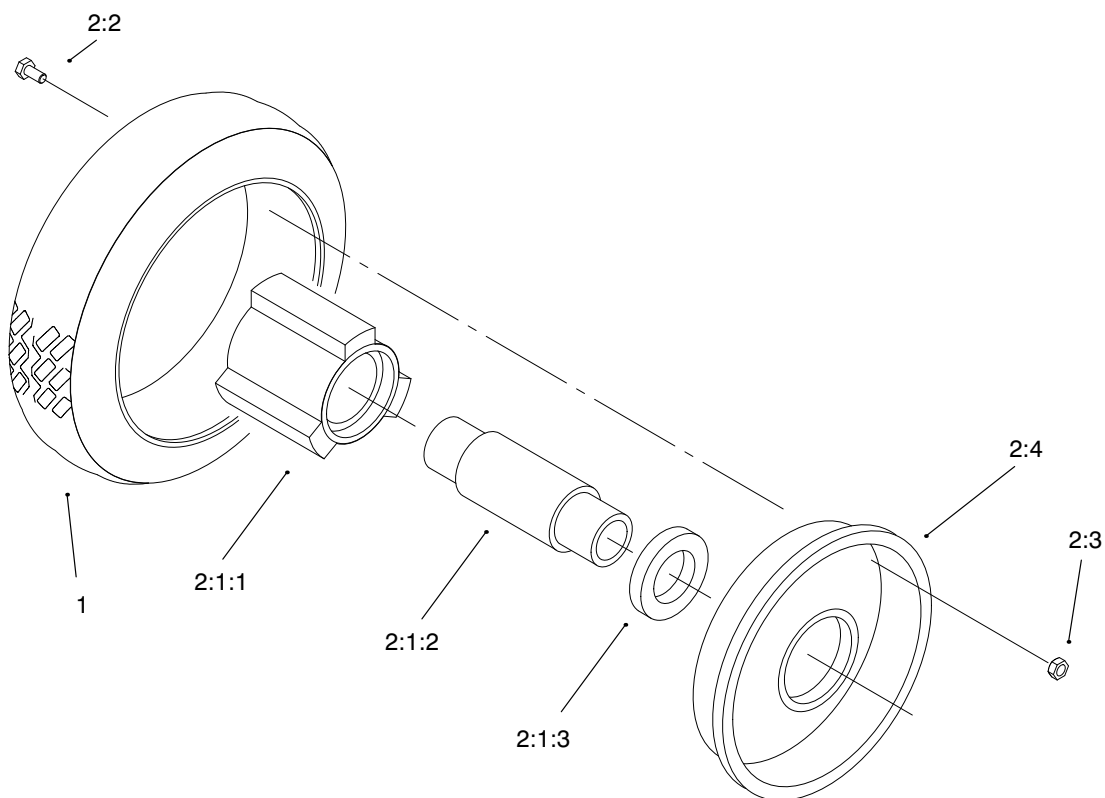
| Ref. No. | Part No. | Qty. | Description             |
|----------|----------|------|-------------------------|
| 22       | 37-7260  | 2    | Screw-HH                |
| 23       | 3296-42  | 2    | Nut-Lock Ni             |
| 24       | 49-8750  | 1    | Quadrant-RH Rear        |
| 25       | 3256-22  | 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            |



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## Housing Assembly (cont.)

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



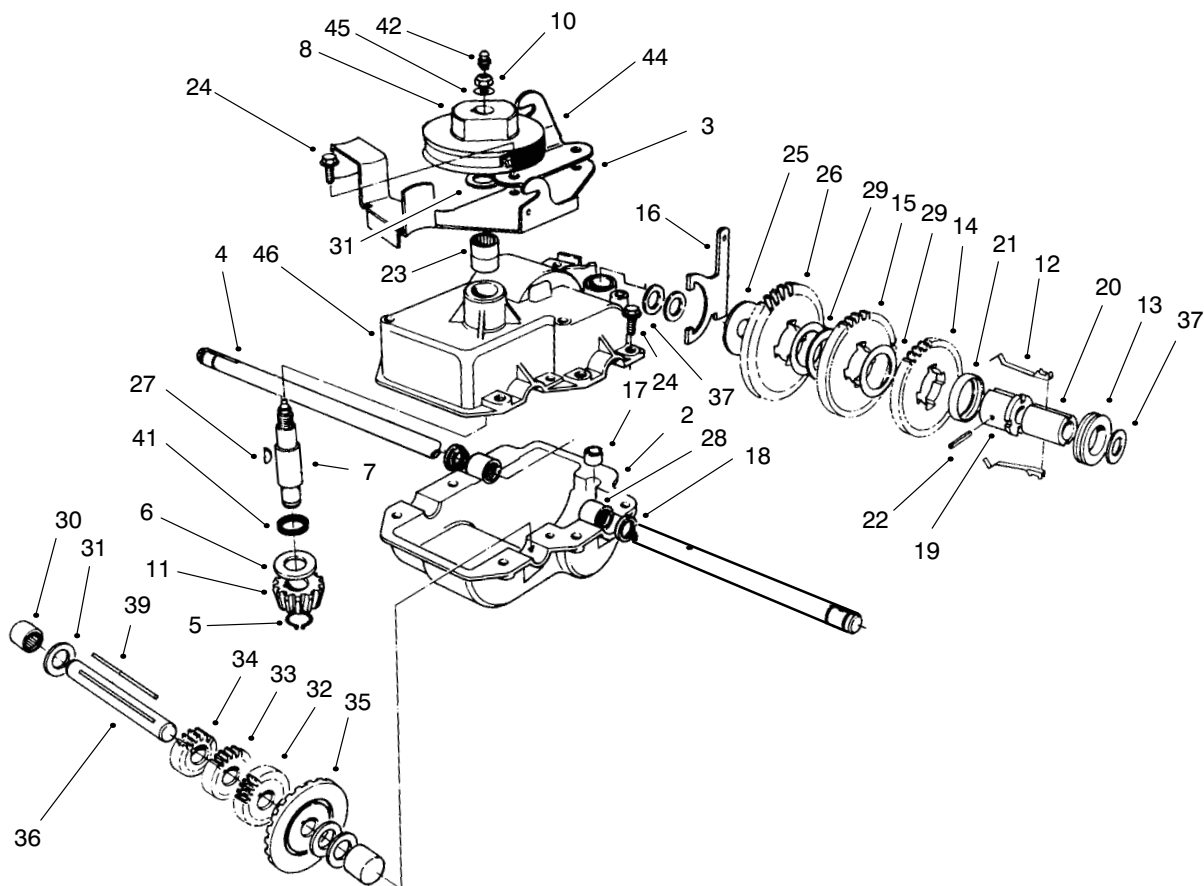
Sheet No.:2b

## 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

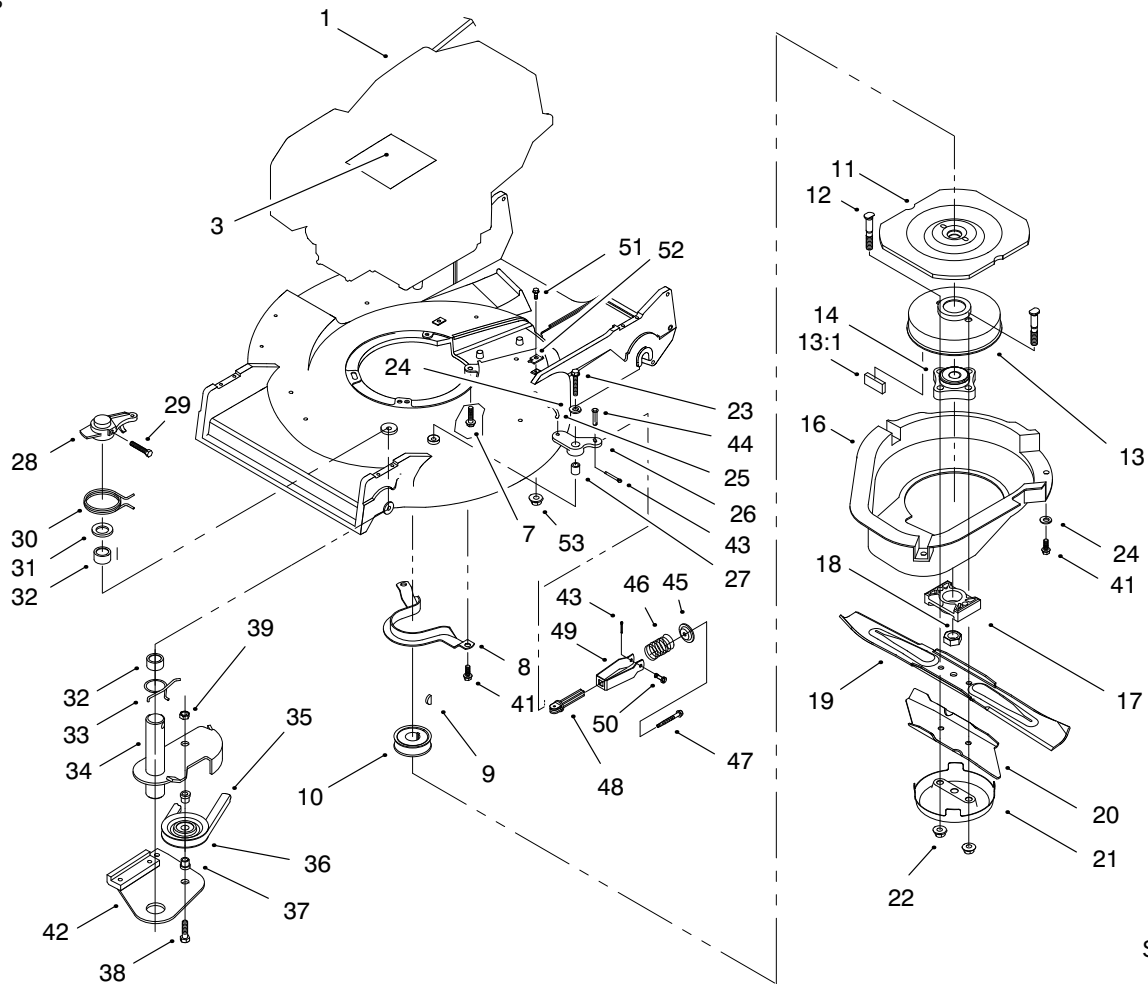


Sheet No.:2a

## 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

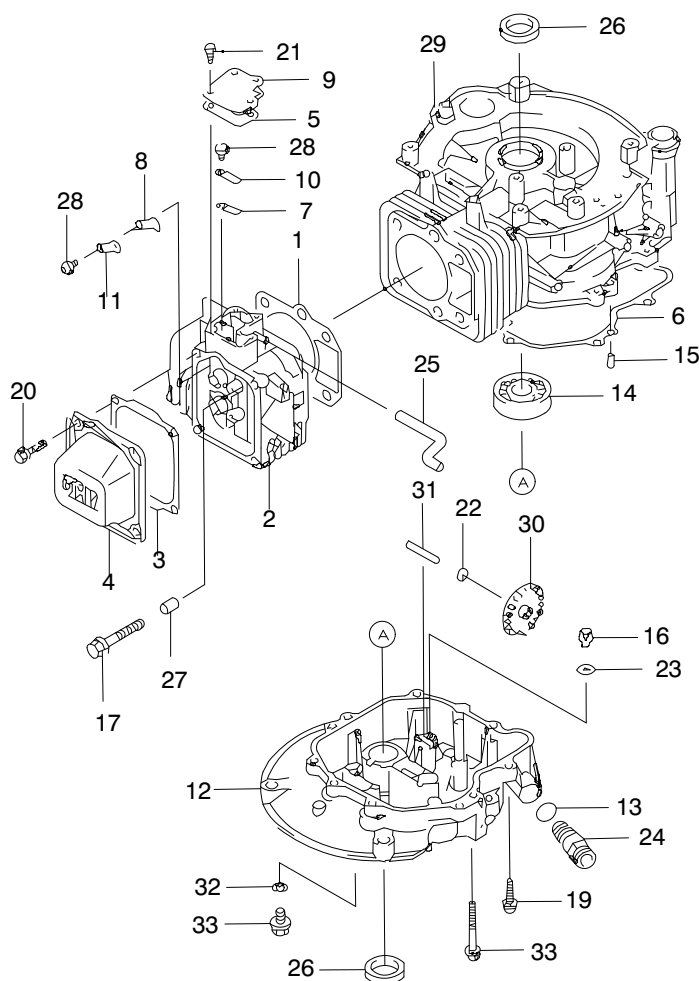


Sheet No.:3

## 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                   |

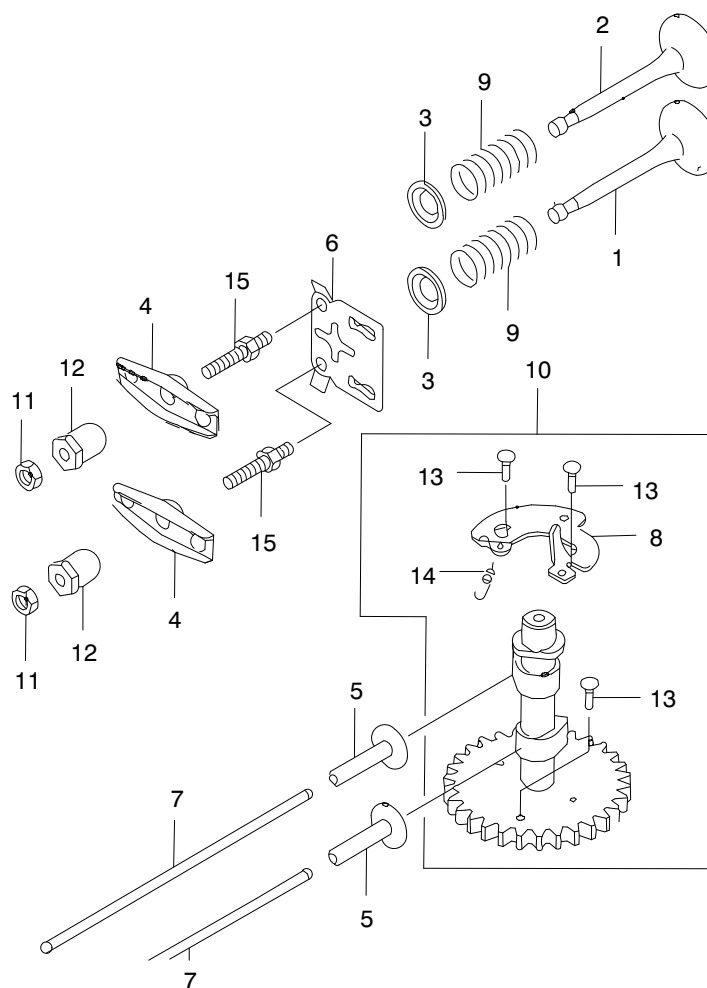
| Ref. No. | Part No.   | Qty. | Description          |
|----------|------------|------|----------------------|
| 30       | 49-7970    | 1    | Spring-Torsion       |
| 31       | 70-1160    | 1    | Washer - Pm          |
| 32       | 68-9780    | 2    | Bearing              |
| 33       | 85-6880    | 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                      |          |          |      |                    |

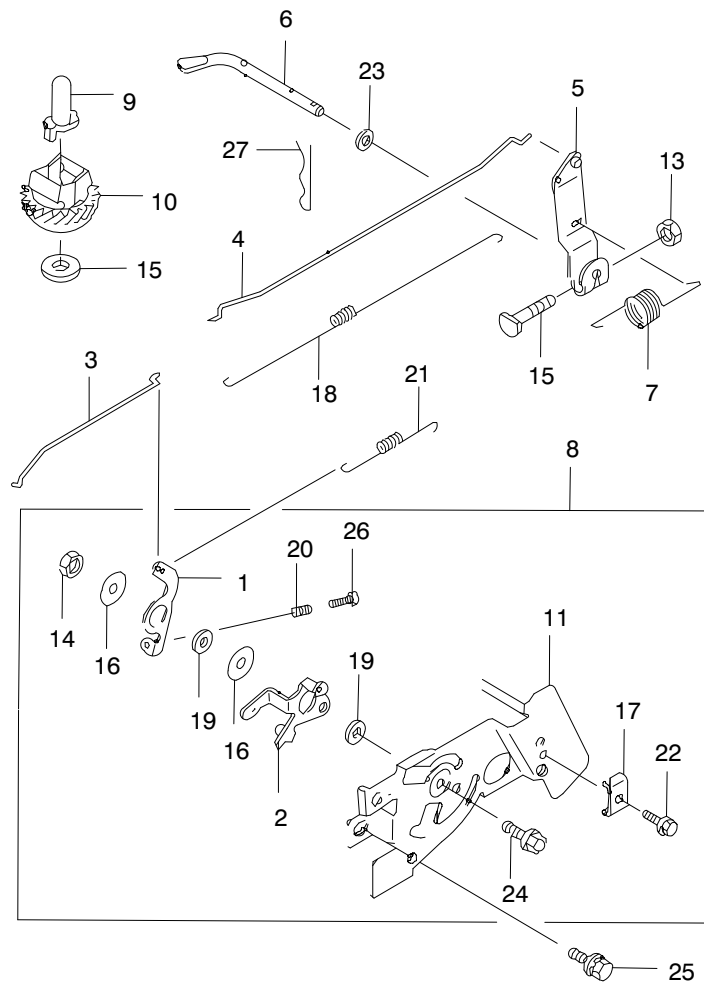


Sheet No.:3k

## Valve/Camshaft

| Ref. No. | Part No. | Qty. | Description           |
|----------|----------|------|-----------------------|
| 1        | 100-2727 | 1    | Valve-Intake          |
| 2        | 100-2728 | 1    | Valve-Exhaust         |
| 3        | 100-2729 | 2    | Retainer-Valve Spring |
| 4        | 100-2730 | 2    | Arm-Rocker            |
| 5        | 100-2731 | 2    | Tappet                |
| 6        | 100-2732 | 1    | Guide                 |
| 7        | 100-2733 | 2    | Rod-Push              |
| 8        | 100-2734 | 1    | Decompressor          |
| 9        | 100-2735 | 2    | Spring-Engine Valve   |
| 10       | 100-2736 | 1    | Camshaft-Complete     |
| 11       | 93-8533  | 2    | Nut                   |
| 12       | 93-8534  | 2    | Nut                   |
| 13       | 100-2739 | 3    | Pin                   |
| 14       | 100-2740 | 1    | Spring                |
| 15       | 100-2741 | 2    | Bolt                  |

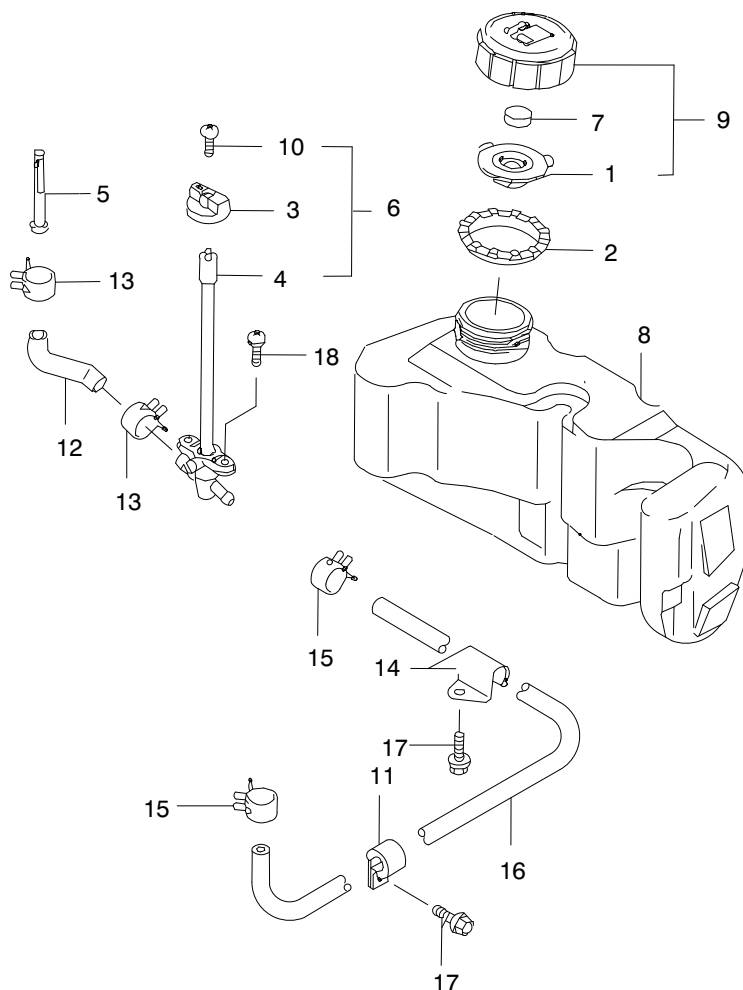
| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |



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          |          |          |      |             |

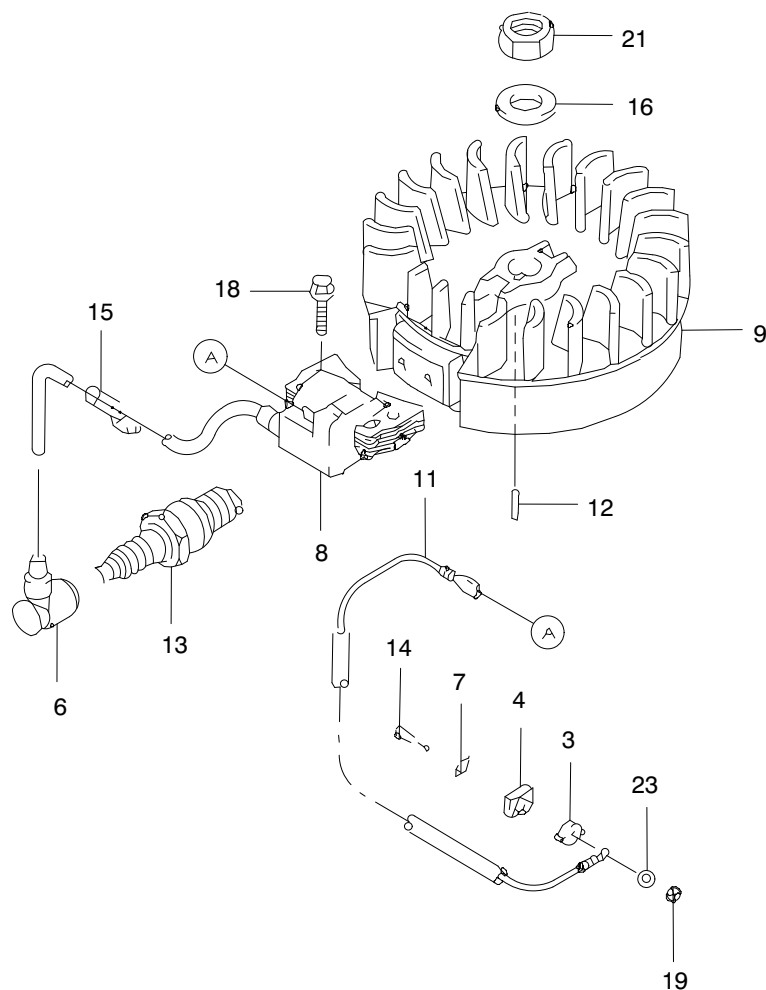


Sheet No.:3c

## 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       |

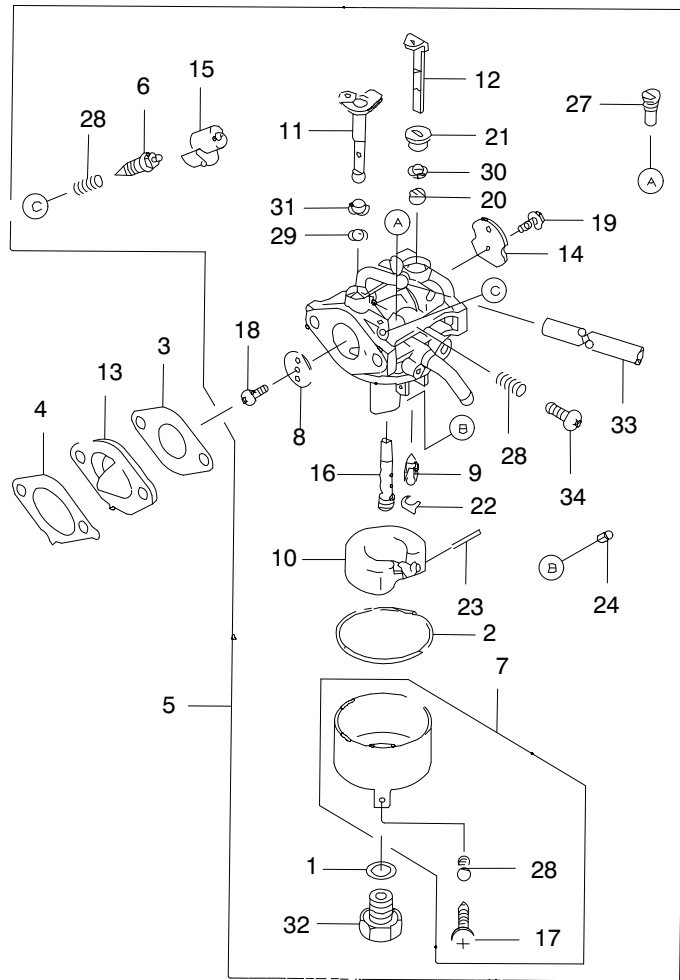
| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |



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              |

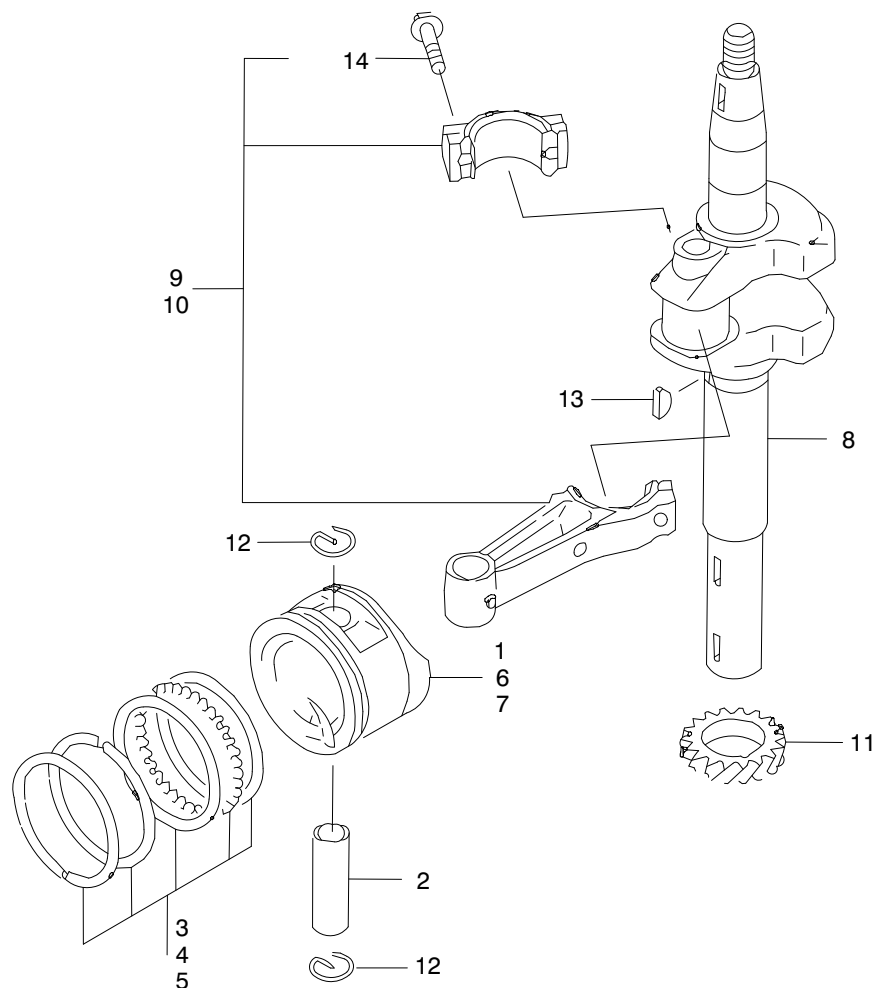


Sheet No.:3e

## 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       |

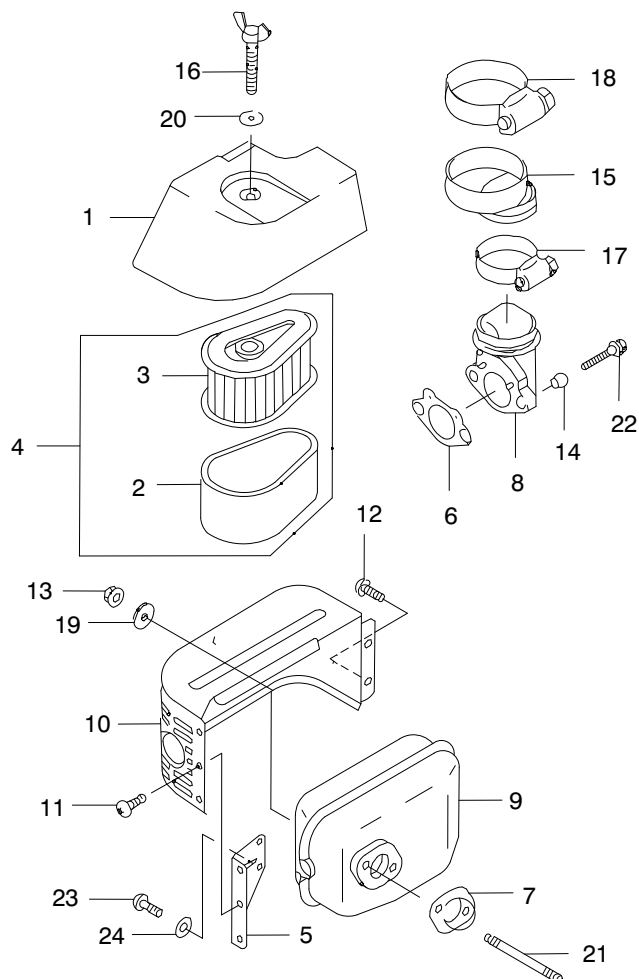


Sheet No.:3f

## 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 |
|----------|----------|------|-------------|
|          |          |      |             |

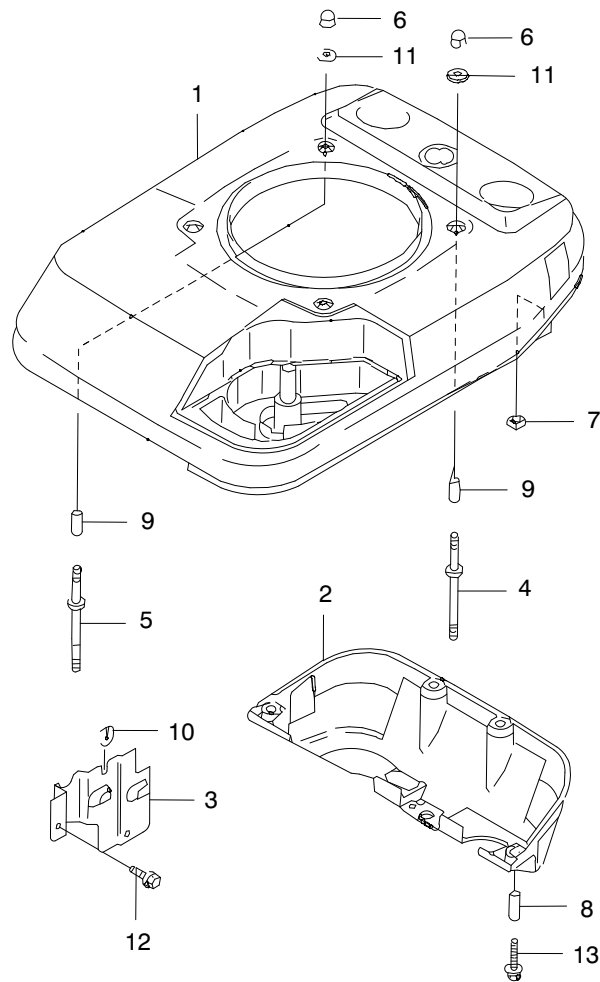


Sheet No.:3g

## 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

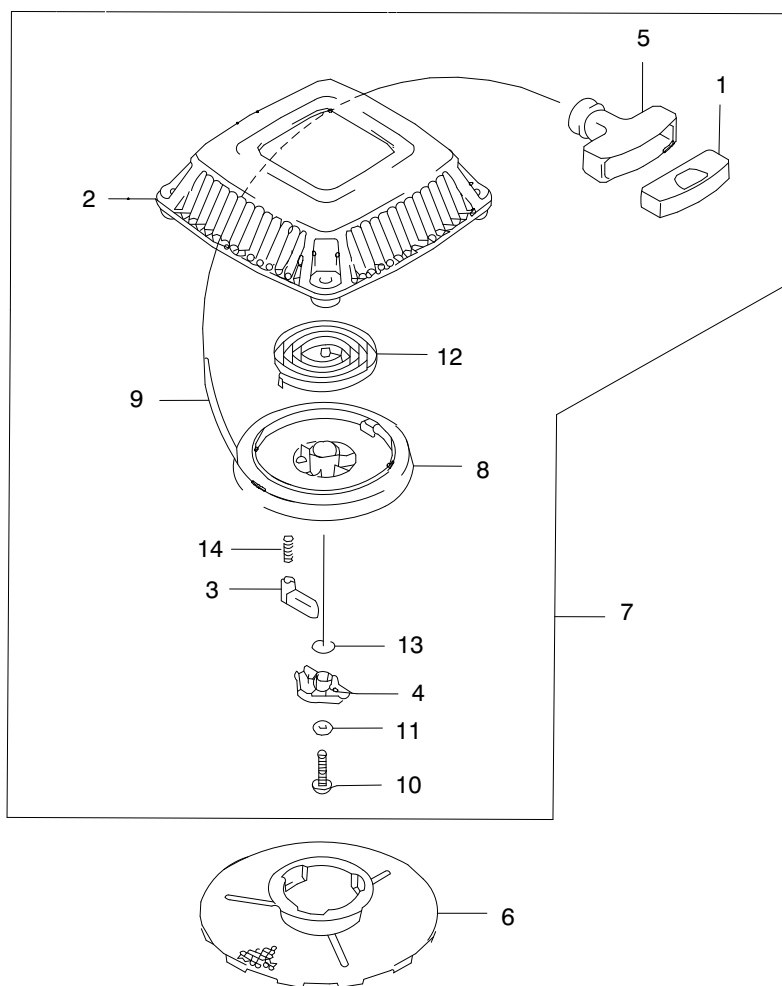
| Ref. No. | Part No. | Qty. | Description       | Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------------|----------|----------|------|-------------|
| 1        | 100-2600 | 1    | Cover Upper       |          |          |      |             |
| 2        | 100-2793 | 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      |          |          |      |             |



| 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 |
|----------|----------|------|-------------|
|          |          |      |             |

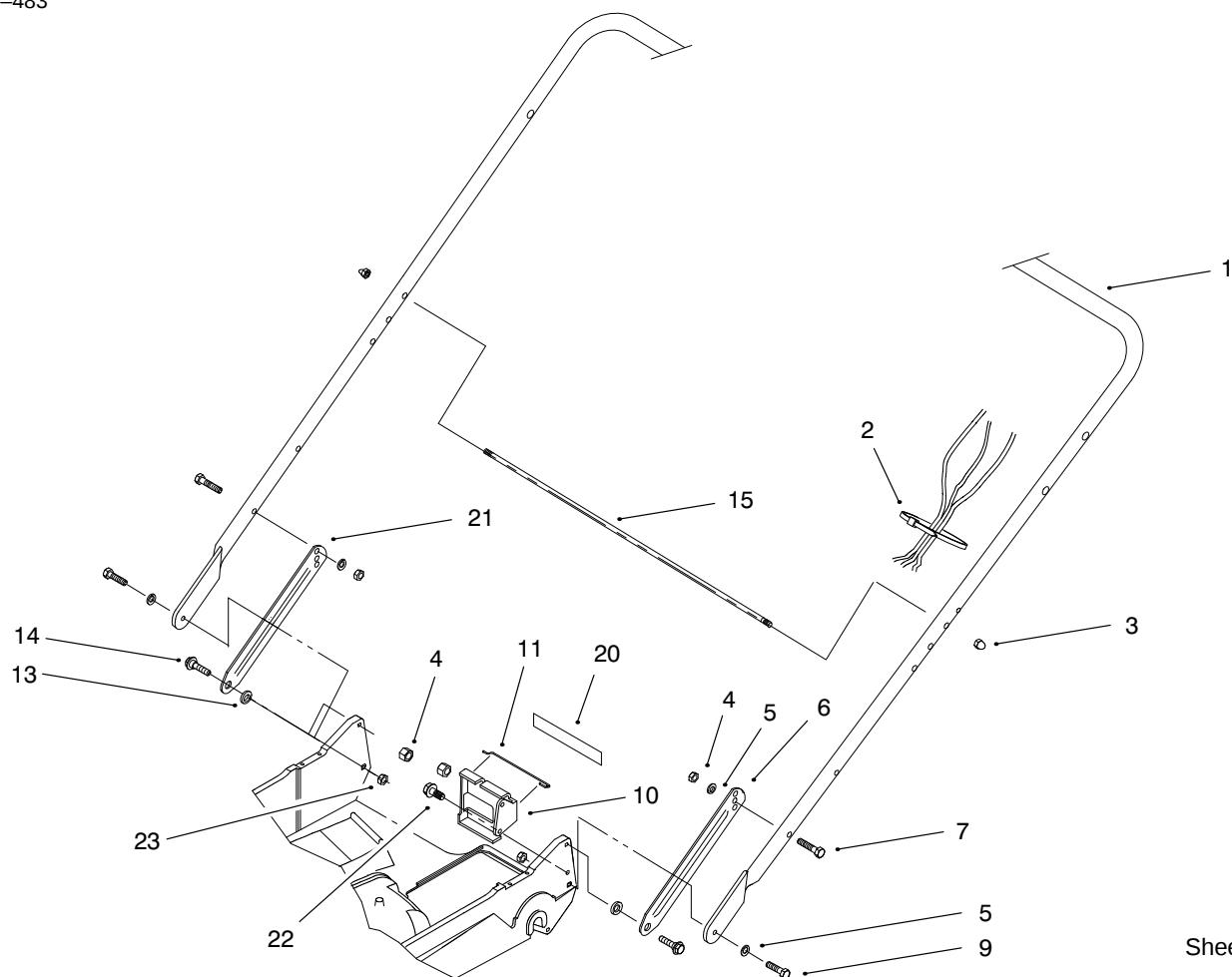
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Sheet No.:3j

## 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       |

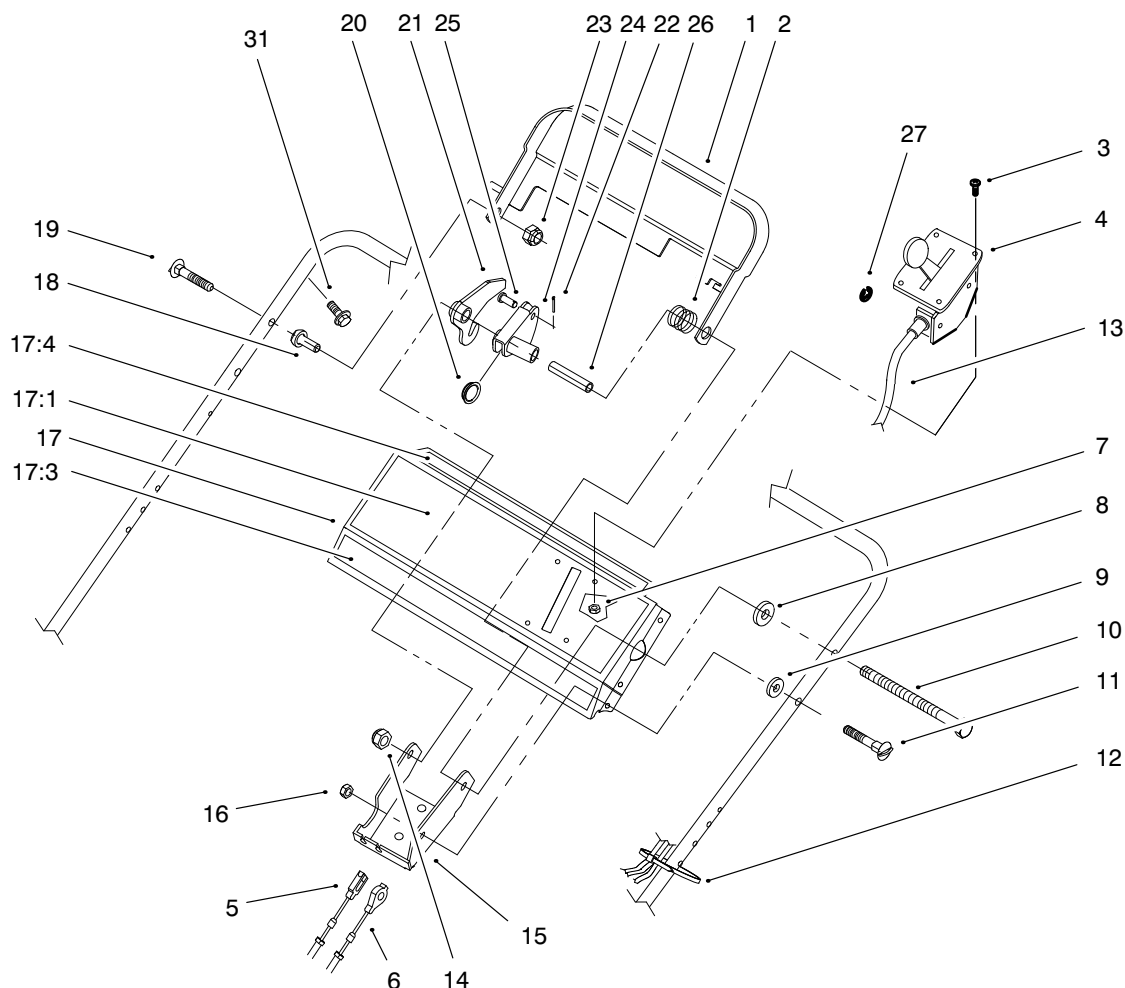


Sheet No.:4

## 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           |

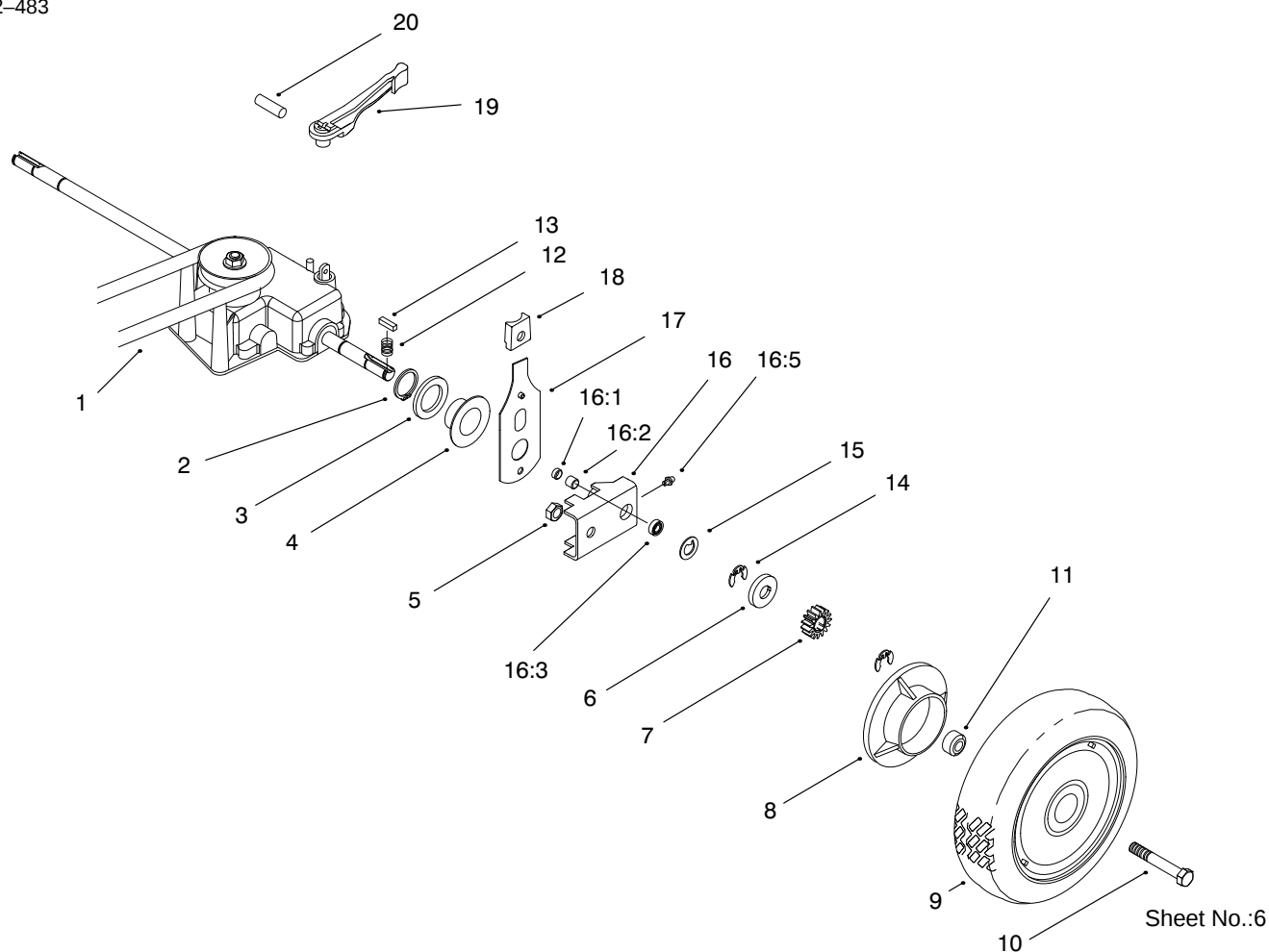
| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |



Sheet No.:5

## Panel & Controls Assembly

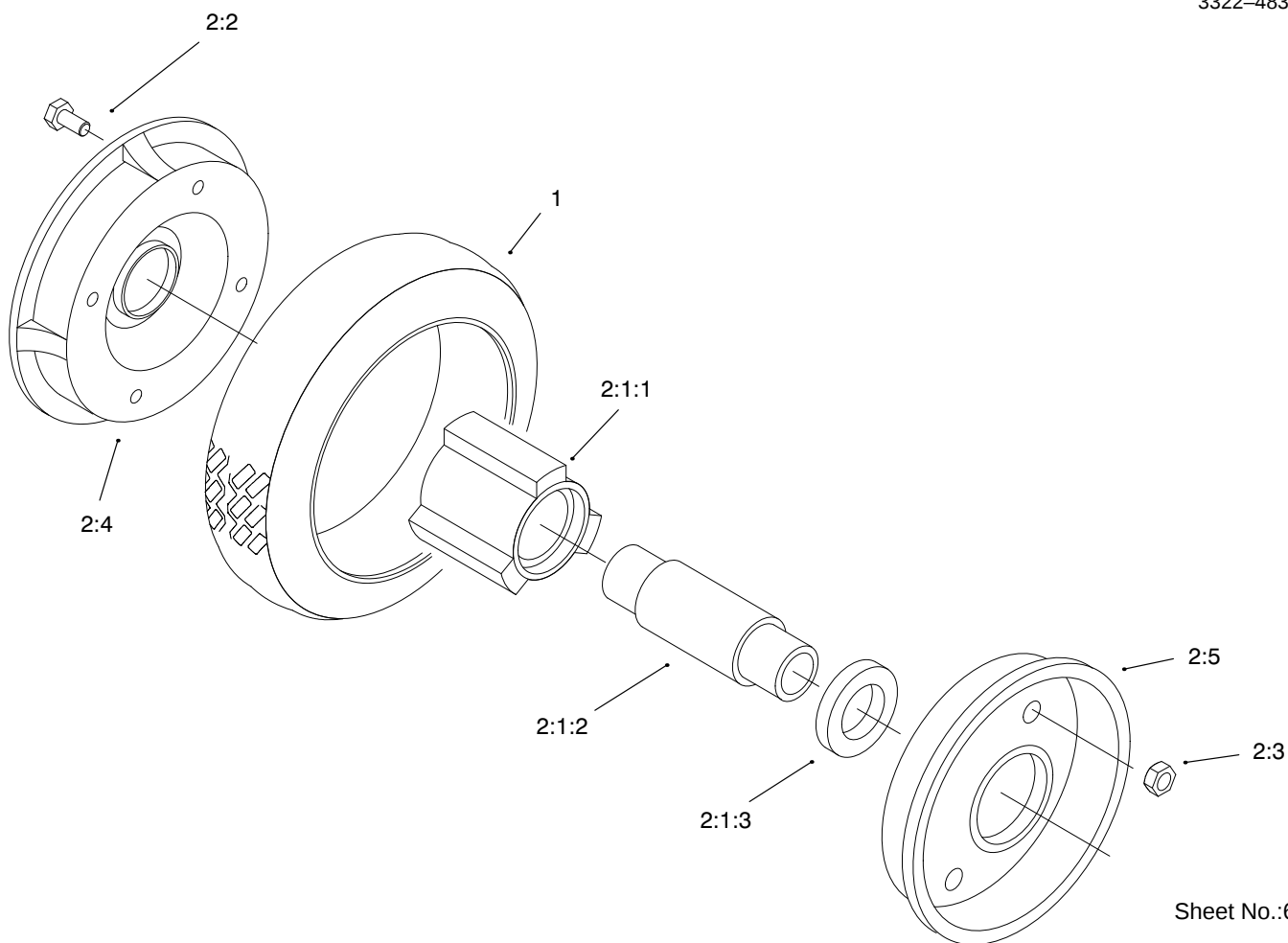
| Ref. No. | Part No.   | Qty. | Description          | Ref. No. | Part No. | Qty. | Description            |
|----------|------------|------|----------------------|----------|----------|------|------------------------|
| 1        | 84-8940-03 | 1    | Control Bar Wa       | 24       | 84-8990  | 1    | 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 |
|----------|----------|------|-------------|
|          |          |      |             |



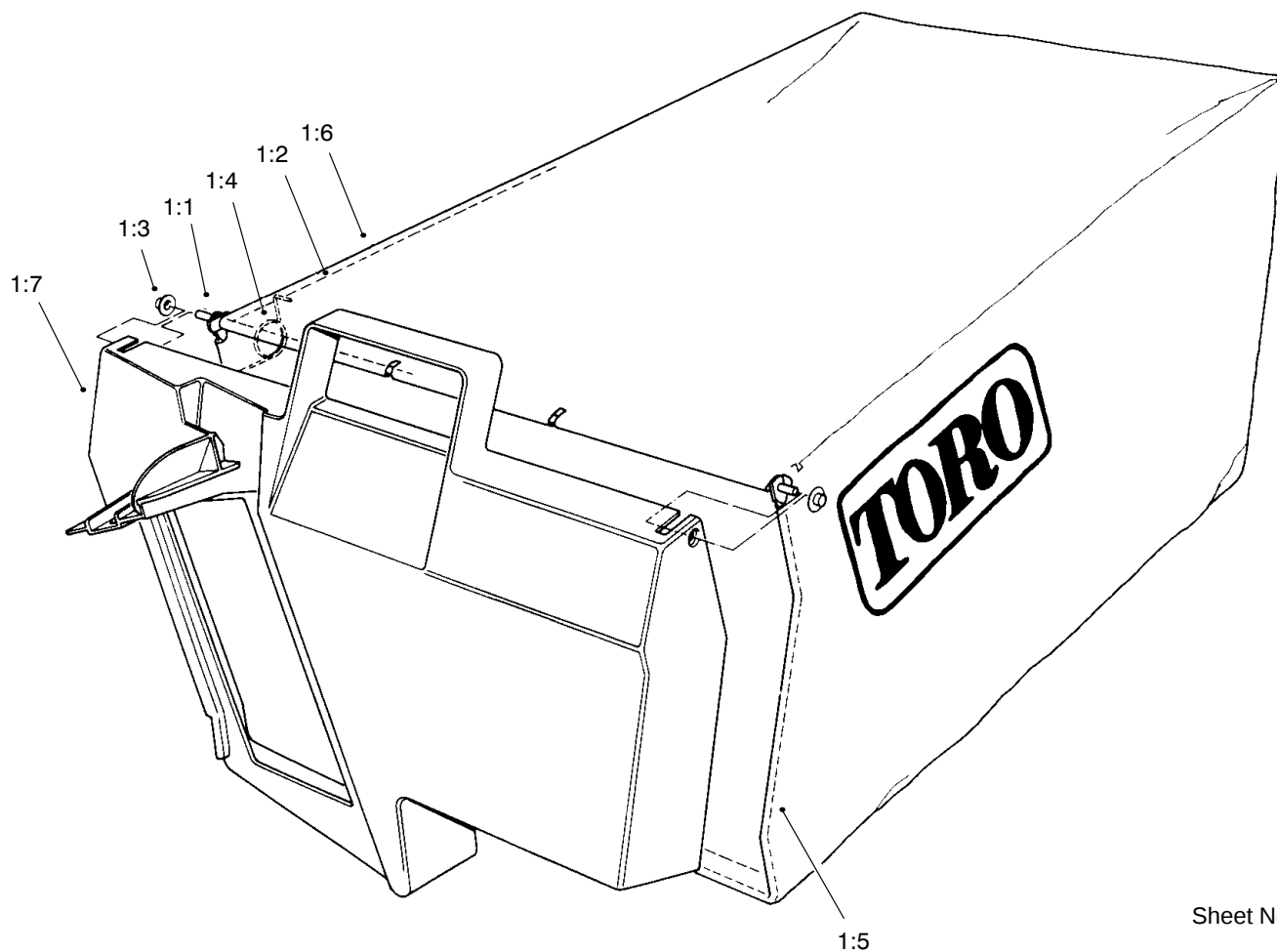
Sheet No.:6a

## 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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| 32144-70        | 5               | 41              | 3           | Screw-Taptite          |
| 32144-70        | 17              | 22              | 1           | Screw-Taptite          |
| 32144-86        | 2               | 51              | 4           | Screw-HH               |
| 32144-111       | 1               | 1:5             | 6           | Screw-Plask            |
| 32151-36        | 19              | 2               | 2           | Ring-Retaining         |
| 32151-57        | 4               | 5               | 2           | Ring-Retaining         |
| 32151-68        | 19              | 14              | 4           | Ring-Retaining         |
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| 32152-2         | 1               | 4               | 2           | Nut-Conelock           |
| 32152-2         | 19              | 5               | 2           | Nut-Conelock           |