



## 190 DH

### Lawn Tractor

Model No. 74590–200000001 and Up

## Parts Catalog

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### Ordering Replacement Parts

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

### Understanding Reference Numbers

Each identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

### Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form **a:b**. The **a** represents the reference number of the entire service assembly and the **b** represents 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 illustrations and in part lists.

### Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form **nX y**. The **n** represents the quantity of the part, the **X** is the multiplication symbol, and the **y** represents the reference number.

For example, in an illustration, the reference number **2X 37** means that two of the parts identified by reference number **37** are indicated.

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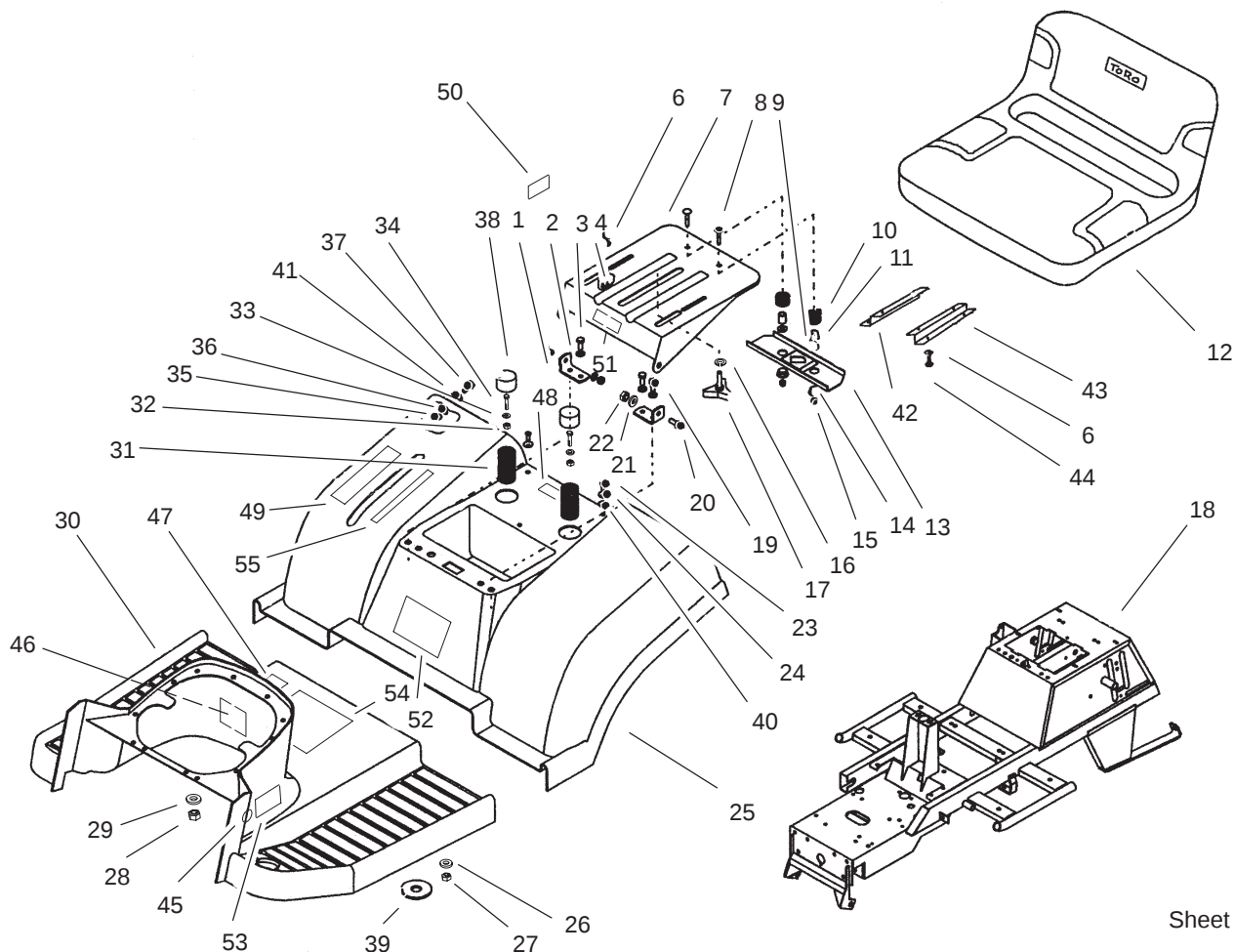
## Accessories

| Description | Model / Part No. | Description | Model / Part No. |
|-------------|------------------|-------------|------------------|
|-------------|------------------|-------------|------------------|

## Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

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

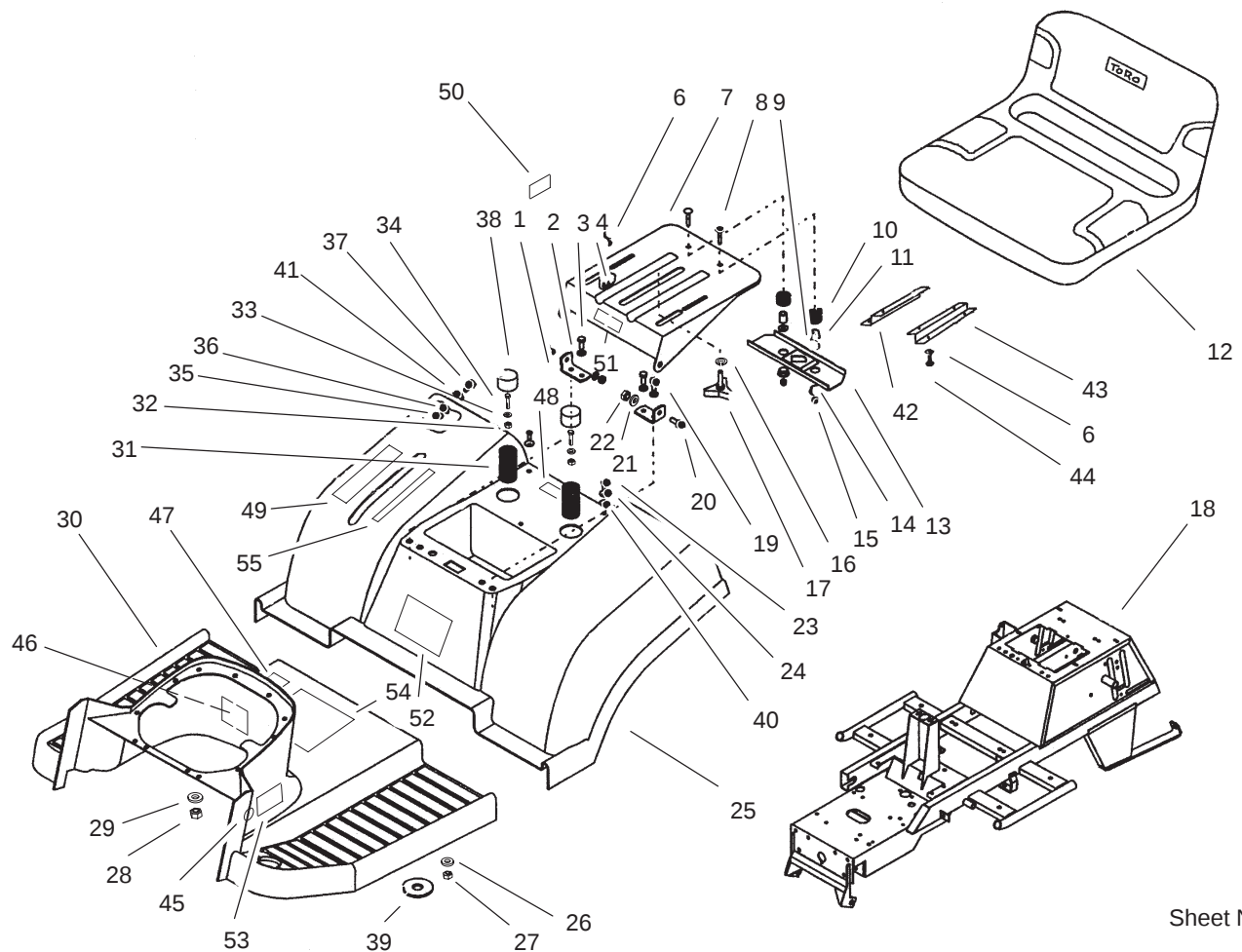


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## Body Assembly

| Ref. No. | Part No.  | Qty. | Description          |
|----------|-----------|------|----------------------|
| 1        | 104-2926  | 1    | Bracket-Seat Support |
| 2        | 104-2927  | 4    | Washer-Spring        |
| 3        | 33114-025 | 3    | Screw-HH             |
| 4        | 104-3192  | 2    | Bolt-Hex             |
| 6        | 104-2927  | 4    | Washer-Spring        |
| 7        | 104-2929  | 1    | Support-Seat         |
| 8        | 104-2930  | 2    | Bolt-Carriage        |
| 9        | 104-2931  | 2    | Washer-Flat          |
| 10       | 104-2932  | 2    | Spring-Seat          |
| 11       | 104-2933  | 2    | Spacer-Split         |
| 12       | 92-6511   | 1    | Seat V-511           |
| 13       | 104-2934  | 1    | Bracket              |
| 14       | 104-2935  | 2    | Bushing              |
| 15       | 33023-00  | 2    | Nut-Lock             |
| 16       | 104-2936  | 2    | Washer-Spring        |
| 17       | 104-2937  | 2    | Knob-Adj.            |
| 18       | 104-2938  | 1    | Frame-Chassis        |
| 19       | 33114-030 | 1    | Screw-HH             |
| 20       | 104-2939  | 2    | Screw-Seat Support   |
| 21       | 33094-00  | 6    | Washer-Flat          |
| 22       | 33024-00  | 6    | Nut-Lock             |
| 23       | 104-2940  | 2    | Screw-Flt Hd Socket  |
| 24       | 104-2941  | 2    | Washer-Finish        |
| 25       | 104-2942  | 1    | Fender               |
| 26       | 33095-00  | 4    | Washer-Flat          |
| 27       | 33025-00  | 4    | Nut-Lock             |

| Ref. No. | Part No.  | Qty. | Description                  |
|----------|-----------|------|------------------------------|
| 28       | 87-5140   | 6    | Nut-Lock                     |
| 29       | 104-2943  | 6    | Washer-Flat                  |
| 30       | 104-2944  | 1    | Footrest ASM                 |
| 31       | 104-2945  | 2    | Spring-Seat                  |
| 32       | 33024-00  | 2    | Nut-Lock                     |
| 33       | 104-2946  | 6    | Washer-Flat                  |
| 34       | 33114-020 | 2    | Screw-HH                     |
| 35       | 87-5140   | 6    | Nut-Lock                     |
| 36       | 104-2943  | 6    | Washer-Flat                  |
| 37       | 104-2948  | 6    | Bolt-Carriage                |
| 38       | 104-2857  | 2    | Cap-Hub                      |
| 39       | 104-2949  | 2    | Washer-Rubber                |
| 39       | 104-2951  | 2    | Washer-Rubber                |
| 40       | 104-2952  | 2    | Washer-Rubber                |
| 41       | 104-2952  | 6    | Washer-Rubber                |
| 42       | 104-2953  | 1    | Bracket-Right Seat           |
| 43       | 104-2954  | 1    | Bracket-Left Seat            |
| 44       | 104-3195  | 4    | Screw-Sng                    |
| 45       | 104-3237  | 1    | Decal-Parking Brake          |
| 46       | 104-3238  | 1    | Decal-Starting               |
| 47       | 104-3241  | 1    | Decal-Hydro<br>Operation     |
| 48       | 104-3242  | 1    | Decal-Bag To Frame<br>Mating |
| 49       | 104-3240  | 1    | Decal-HOC RH                 |
| 50       | 99-5340   | 1    | Decal-Nmir Switch Intl       |

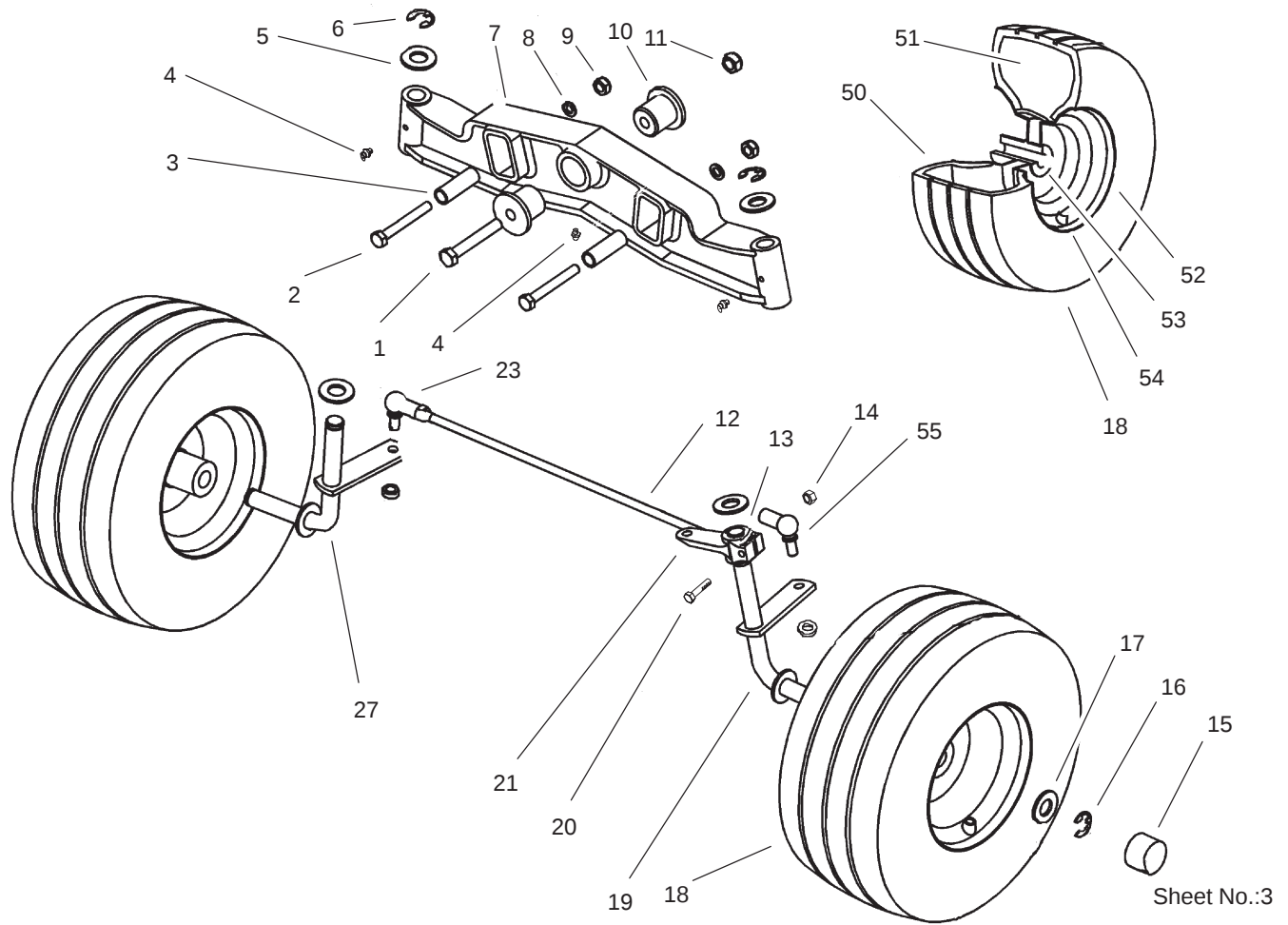


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## Body Assembly (cont.)

| Ref. No. | Part No. | Qty. | Description                |
|----------|----------|------|----------------------------|
| 51       | 93-7276  | 1    | Decal-Danger               |
| 52       | 104-3244 | 1    | Decal-Hydro<br>Information |
| 53       | 100-9125 | 2    | Decal - Tower 190dh        |
| 54       | 104-2903 | 1    | Decal-Instruction          |
| 55       | 104-3239 | 1    | Decal-HOC LH               |

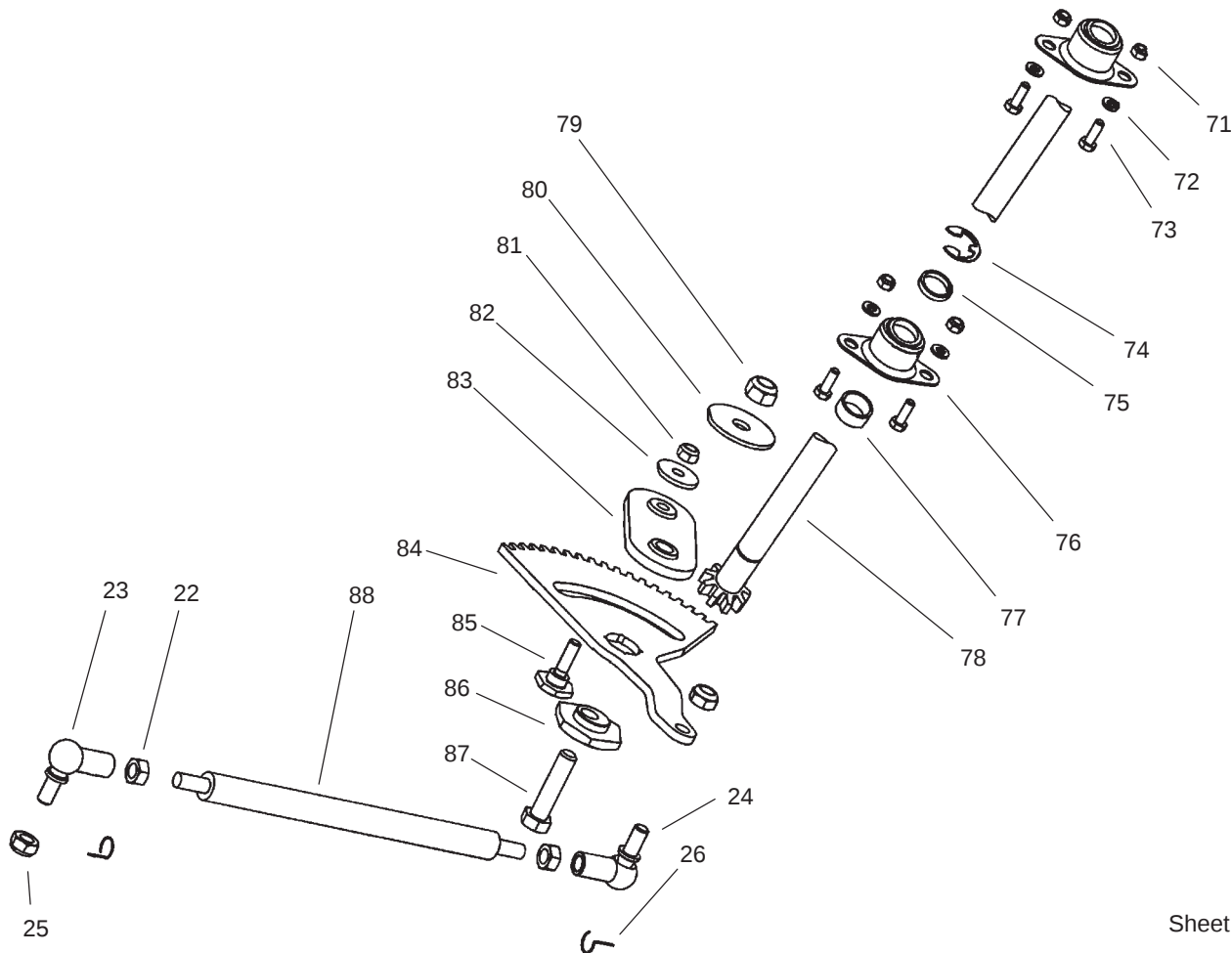
| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |



## Front Axle Assembly

| Ref. No. | Part No.  | Qty. | Description               |
|----------|-----------|------|---------------------------|
| 1        | 33116-090 | 1    | Screw-HH                  |
| 2        | 33115-080 | 2    | Screw-HH                  |
| 3        | 104-2851  | 2    | Spacer                    |
| 4        | 104-2904  | 3    | Fitting-Grease            |
| 5        | 104-2905  | 4    | Washer-Flat               |
| 6        | 104-2891  | 2    | Clip-Spring               |
| 7        | 104-2852  | 1    | Axle-Front                |
| 8        | 104-2906  | 2    | Washer-Flat               |
| 9        | 33025-00  | 2    | Nut-Lock                  |
| 10       | 104-2890  | 2    | Bushing-Front Axle        |
| 11       | 104-2907  | 1    | Nut-Self Locking          |
| 12       | 104-2855  | 1    | Rod-Front Axle Tie        |
| 13       | 104-2856  | 1    | Key-Square                |
| 14       | 33023-00  | 1    | Nut-Lock                  |
| 15       | 104-2857  | 2    | Cap-Hub                   |
| 16       | 104-2891  | 2    | Clip-Spring               |
| 17       | 104-3206  | 2    | Washer                    |
| 18       | 104-2859  | 2    | Front Tire Wheel ASM      |
| 19       | 104-2861  | 1    | Spindle-LH                |
| 20       | 33113-045 | 1    | Screw-HH                  |
| 21       | 104-2862  | 1    | Lever-Steering<br>Spindle |
| 27       | 104-2867  | 1    | Spindle-RH For            |
| 50       | 104-2869  | 2    | Tyre- Turf Saver 2 Ply    |
| 51       | 104-2870  | 2    | Tube                      |
| 52       | 104-2872  | 2    | Wheel-W/Brgs              |

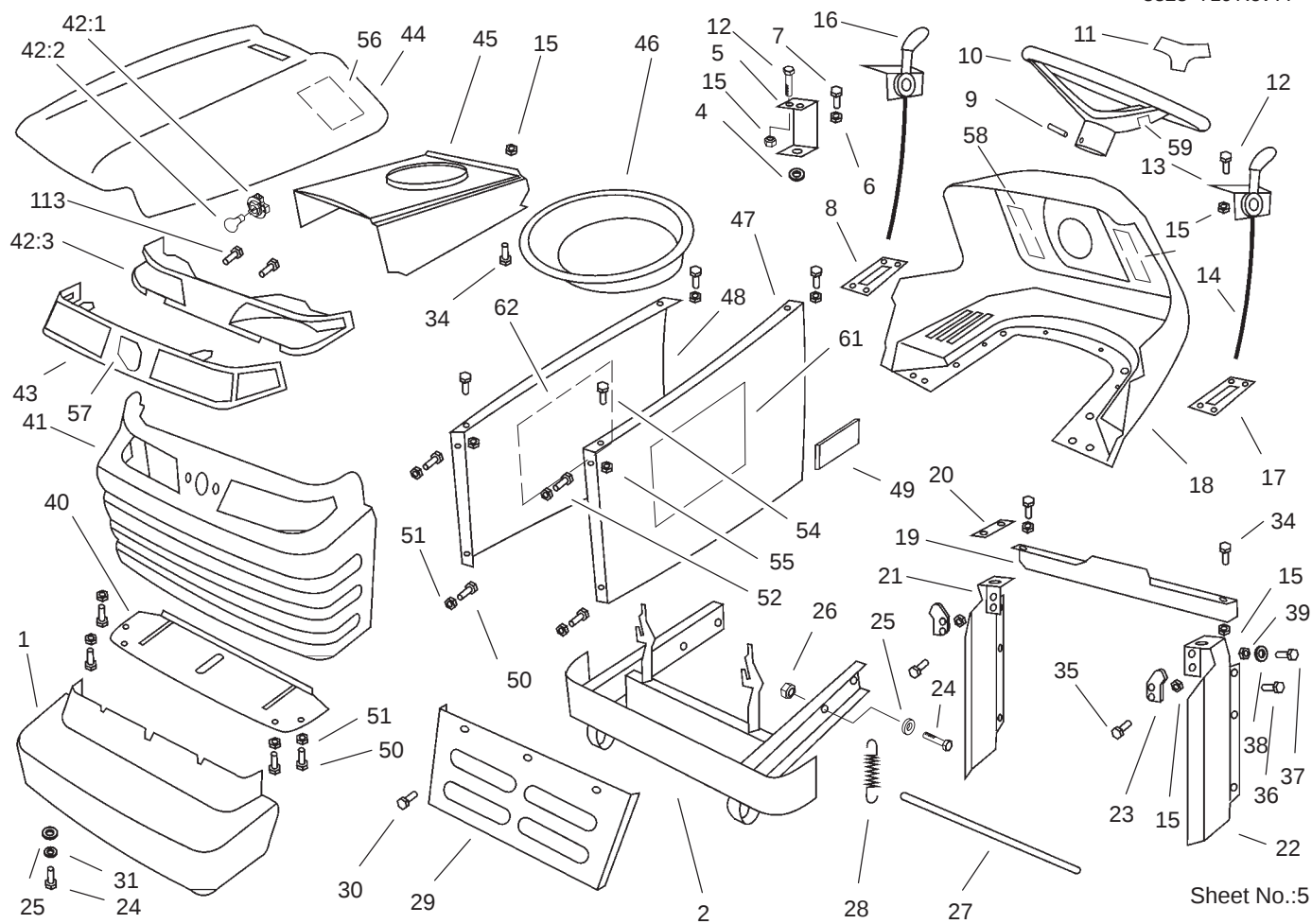
| Ref. No. | Part No. | Qty. | Description       |
|----------|----------|------|-------------------|
| 53       | 104-2874 | 2    | Whl-Front W/Brg   |
| 54       | 104-2875 | 2    | Valve-Tyre Compl. |
| 55       | 104-2876 | 4    | Joint-Ball Angle  |



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Steering Assembly

| Ref. No. | Part No.  | Qty. | Description               | Ref. No. | Part No. | Qty. | Description |
|----------|-----------|------|---------------------------|----------|----------|------|-------------|
| 22       | 33015-00  | 4    | Nut-Hex                   |          |          |      |             |
| 23       | 104-2863  | 4    | Hsg-Ball Angle            |          |          |      |             |
| 24       | 104-2864  | 4    | Stud-Ball                 |          |          |      |             |
| 25       | 104-2908  | 4    | Nut-Self Locking          |          |          |      |             |
| 26       | 104-2865  | 4    | Stirrups-Locking          |          |          |      |             |
| 71       | 33024-00  | 4    | Nut-Lock                  |          |          |      |             |
| 72       | 33094-00  | 4    | Washer-Flat               |          |          |      |             |
| 73       | 33114-020 | 4    | Screw-HH                  |          |          |      |             |
| 74       | 104-2891  | 1    | Clip-Spring               |          |          |      |             |
| 75       | 104-2877  | 1    | Spacer - Upper            |          |          |      |             |
| 76       | 104-2878  | 2    | Bearing-Spherical         |          |          |      |             |
| 77       | 104-2879  | 1    | Spacer-Lower              |          |          |      |             |
| 78       | 104-2880  | 1    | Gear-Strg Shaft<br>Pinion |          |          |      |             |
| 78       | 104-2881  | 1    | Gear-Strg Shaft<br>Pinion |          |          |      |             |
| 79       | 33026-00  | 1    | Nut-Lock                  |          |          |      |             |
| 80       | 104-2909  | 1    | Washer-Eccentric Bolt     |          |          |      |             |
| 81       | 33024-00  | 1    | Nut-Lock                  |          |          |      |             |
| 82       | 33094-00  | 1    | Washer-Flat               |          |          |      |             |
| 83       | 104-2882  | 1    | Plate-Steering            |          |          |      |             |
| 84       | 104-2883  | 1    | Gear-Sector               |          |          |      |             |
| 85       | 104-2884  | 1    | Bolt-Shoulder             |          |          |      |             |
| 86       | 104-2885  | 1    | Eccentric                 |          |          |      |             |
| 87       | 104-2910  | 1    | Screw-Hex                 |          |          |      |             |
| 88       | 104-2886  | 1    | Link-Drag                 |          |          |      |             |



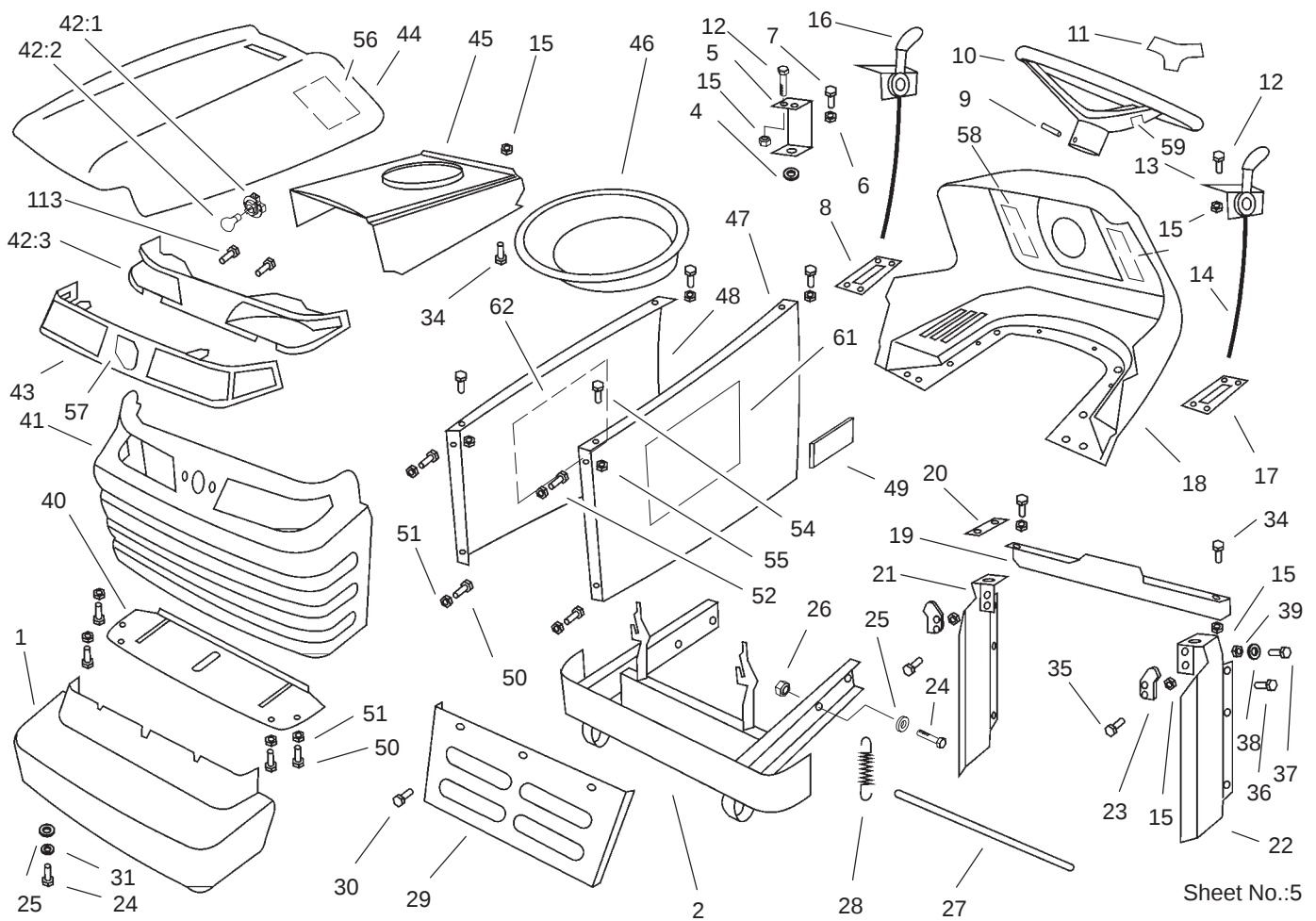
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## Body Assembly

| Ref. No. | Part No.  | Qty. | Description            |
|----------|-----------|------|------------------------|
| 1        | 104-2955  | 1    | Cover-Bumper           |
| 2        | 104-2956  | 1    | Bumper                 |
| *3       | 104-2958  | 1    | Hood Assembly          |
| 4        | 104-2959  | 1    | Bushing                |
| 5        | 104-2960  | 1    | Holder-Fuel Tank       |
| 6        | 33023-00  | 2    | Nut-Lock               |
| 7        | 104-2961  | 2    | Screw                  |
| 8        | 104-2962  | 1    | Brace                  |
| 9        | 104-2963  | 1    | Pin-Spirol             |
| 10       | 104-2965  | 1    | Steering Wheel-14"     |
| 11       | 98-1468   | 1    | Cover - Wheel Steering |
| 12       | 104-2966  | 9    | Screw-Fit Hd           |
| 13       | 66-0120   | 2    | Knob                   |
| 14       | 92-6783   | 1    | Control - Choke Twin   |
| 15       | 87-5140   | 15   | Nut-Lock               |
| 16       | 92-6784   | 1    | Control-Throttle Twin  |
| 17       | 104-2967  | 1    | Brace                  |
| 18       | 104-2969  | 1    | Panel-Dash             |
| 19       | 104-2970  | 1    | Brace                  |
| 20       | 104-2971  | 1    | Bracket                |
| 21       | 104-2972  | 1    | Panel-Right            |
| 22       | 104-2973  | 1    | Panel-Left             |
| 23       | 92-6960   | 2    | Latch - Hood           |
| 24       | 33114-020 | 6    | Screw-HH               |
| 25       | 104-2946  | 6    | Washer-Flat            |

| Ref. No. | Part No. | Qty. | Description          |
|----------|----------|------|----------------------|
| 26       | 33024-00 | 4    | Nut-Lock             |
| 27       | 104-2974 | 1    | Bar-Safety           |
| 28       | 104-2975 | 1    | Spring-Hood          |
| 29       | 104-2976 | 1    | Shield-Heat          |
| 30       | 104-2977 | 3    | Screw-Slf Drl        |
| 31       | 104-2927 | 2    | Washer-Spring        |
| 34       | 104-2980 | 6    | Screw                |
| 35       | 104-2981 | 4    | Screw                |
| 36       | 104-2982 | 4    | Screw                |
| 37       | 104-2983 | 2    | Screw                |
| 38       | 104-2984 | 6    | Washer               |
| 39       | 104-2985 | 6    | Nut-Hex              |
| 40       | 104-2986 | 1    | Bracket              |
| 41       | 100-1344 | 1    | Grill                |
| *42      | 88-3970  | 1    | Reflector & Lamp ASM |
| 42:1     | 111686   | 2    | Socket-Light         |
| 42:2     | 7228     | 2    | Bulb -No. 1156       |
| 42:3     | 93-8741  | 1    | Reflector            |
| 43       | 92-6656  | 1    | Lens - Headlight     |
| 44       | 92-6658  | 1    | Hood - Top (Toro)    |
| 45       | 104-2987 | 1    | Hood - Baffle        |
| 46       | 104-2989 | 1    | Plenum-Air           |
| 47       | 92-6650  | 1    | Side-RH Hood         |
| 48       | 92-6652  | 1    | Side-LH Hood         |
| 49       | 92-7148  | 2    | Foam - Sidepanel     |
| 50       | 104-2990 | 8    | Screw                |

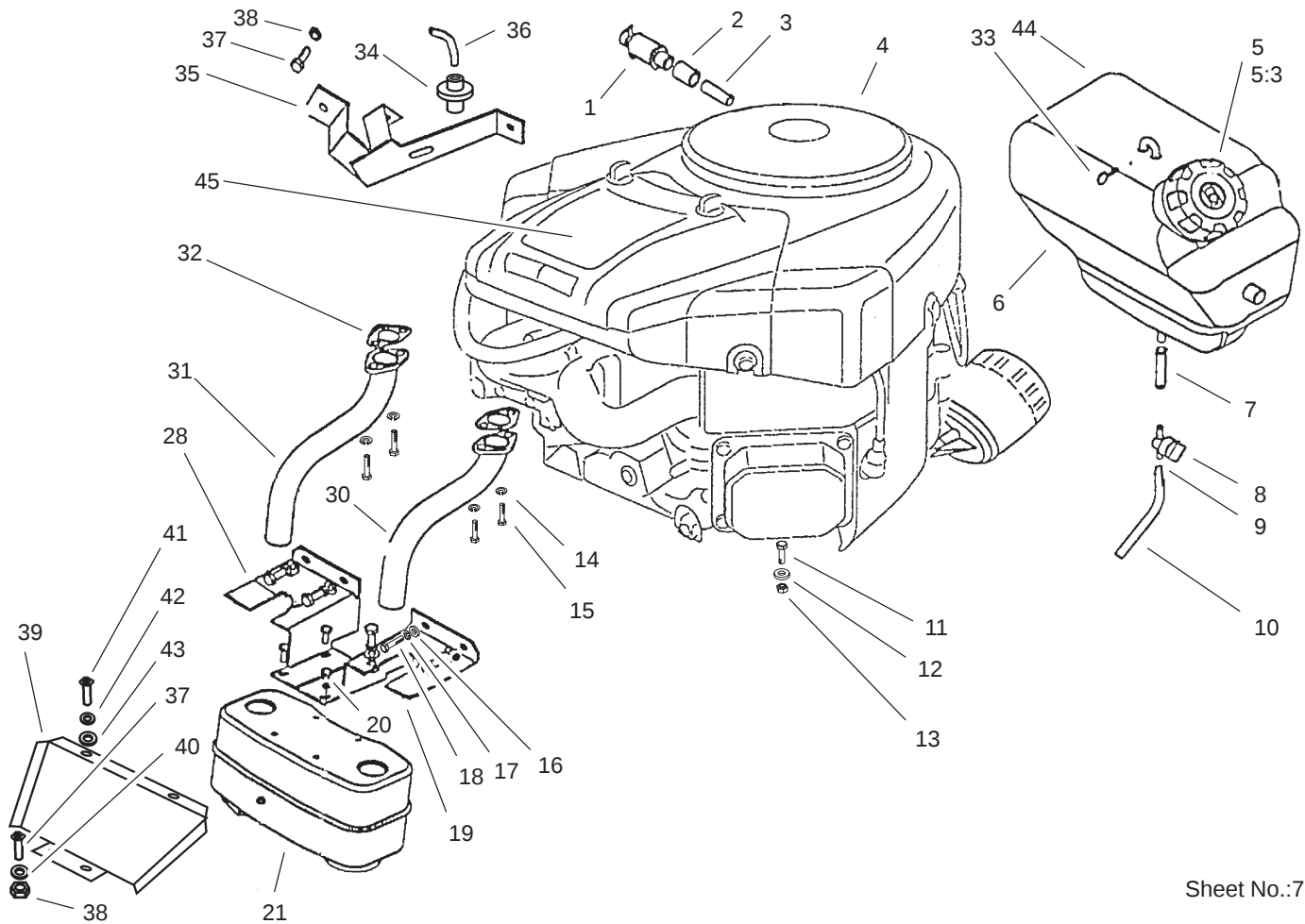
\* Not illustrated



## Body Assembly (cont.)

| Ref. No. | Part No. | Qty. | Description                |
|----------|----------|------|----------------------------|
| 51       | 104-2991 | 8    | Nut-Hex                    |
| 52       | 46-8093  | 2    | Screw-Plastite             |
| 54       | 32105-15 | 4    | Screw-Machine              |
| 55       | 92-7006  | 4    | Nut - J Type               |
| 56       | 94-1980  | 2    | Foam - Hood                |
| 57       | 92-6987  | 1    | Emblem-Horsehead           |
| 58       | 104-3234 | 1    | Decal-19hp<br>Throttle/Key |
| 59       | 98-1459  | 1    | Decal-Toro                 |
| 60       | 104-3233 | 1    | Decal-19hp<br>Choke/PTO    |
| 61       | 95-0801  | 1    | Decal-Hood LH              |
| 62       | 95-0800  | 1    | Decal-Hood RH              |

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

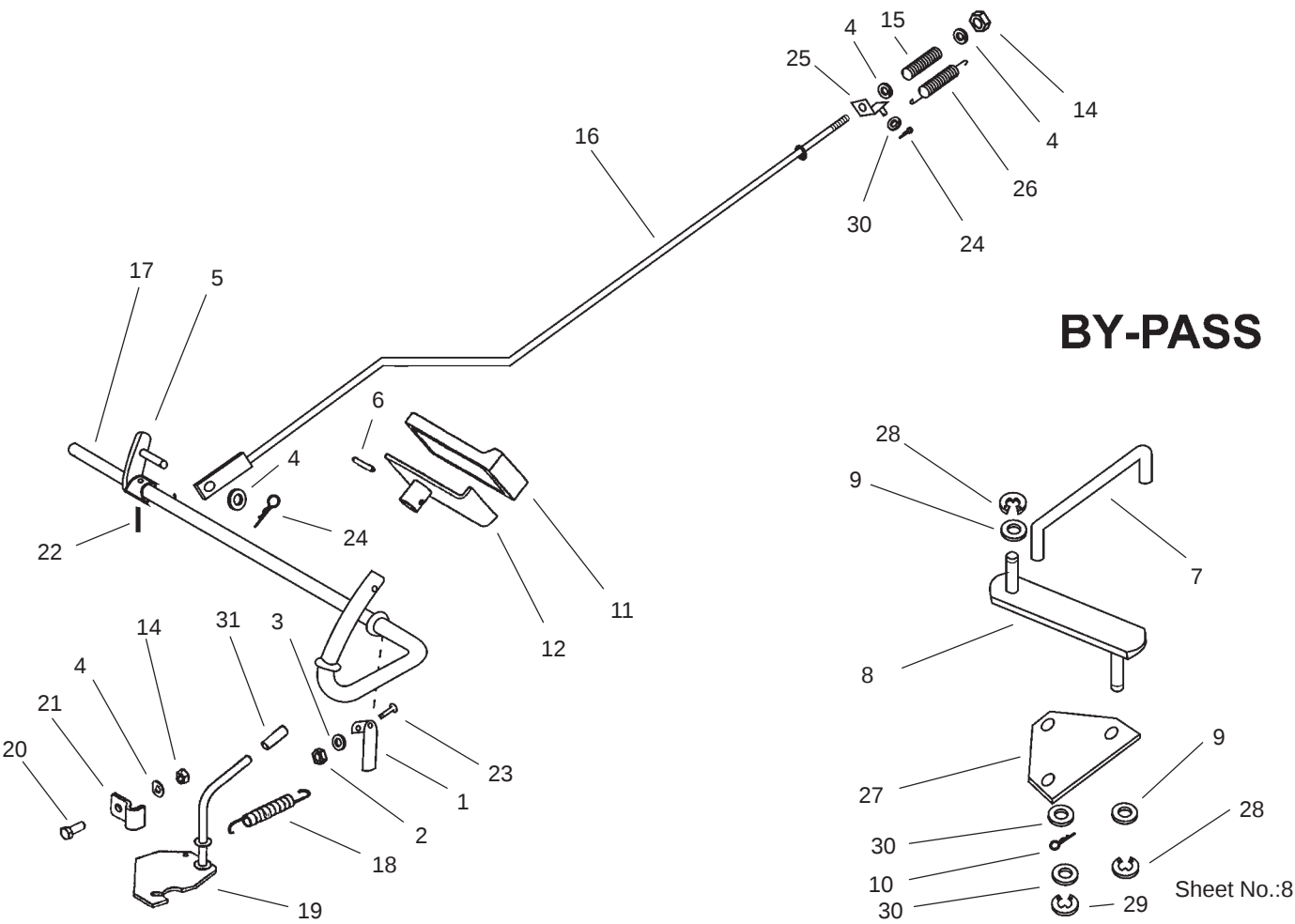


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## Engine Assembly

| Ref. No. | Part No.  | Qty. | Description                |
|----------|-----------|------|----------------------------|
| 1        | 104-3208  | 1    | Valve-Oil Drain            |
| 2        | 104-3209  | 1    | Coupler-Oil Drain          |
| 3        | 104-3210  | 1    | Fitting-Oil Drain          |
| 4        | 100-4192  | 1    | Engine-Briggs, Intek, 2cyl |
| 5        | 88-3980   | 1    | Gas Cap ASM                |
| 5:3      | 88-4010   | 1    | Gasket-Gas Cap             |
| 6        | 104-3057  | 1    | Tank-Fuel                  |
| 7        | 104-3211  | 1    | Line-Fuel                  |
| 8        | 104-3224  | 1    | Valve-Fuel Tank            |
| 9        | 104-3212  | 4    | Clamp-Fuel Line            |
| 10       | 104-3213  | 1    | Line-Fuel                  |
| 11       | 104-3085  | 3    | Bolt-Hex Flng              |
| 11       | 48-7740   | 1    | Screw                      |
| 12       | 33094-00  | 1    | Washer-Flat                |
| 13       | 33024-00  | 4    | Nut-Lock                   |
| 14       | 104-2927  | 4    | Washer-Spring              |
| 15       | 322-3     | 4    | Screw-HH                   |
| 16       | 33094-00  | 4    | Washer-Flat                |
| 17       | 104-2927  | 4    | Washer-Spring              |
| 18       | 33114-020 | 4    | Screw-HH                   |
| 19       | 104-3214  | 1    | Guard-LH Muffler Heat      |
| 20       | 32144-4   | 4    | Screw-HH                   |
| 21       | 104-3225  | 1    | Muffler-19hp               |

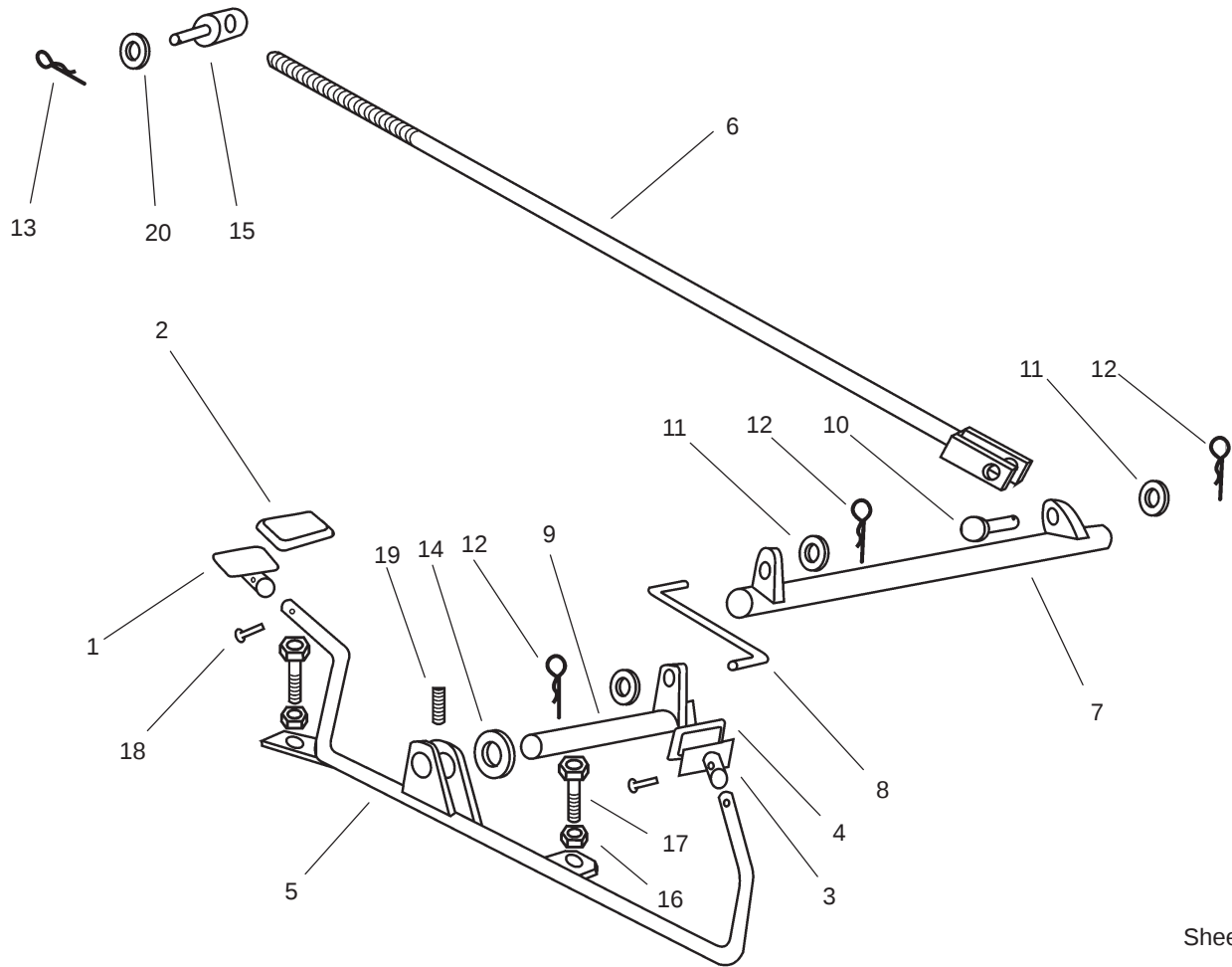
| Ref. No. | Part No.  | Qty. | Description           |
|----------|-----------|------|-----------------------|
| 28       | 104-3215  | 1    | Guard-RH Muffler Heat |
| 30       | 104-3216  | 1    | Tube-LH Exhaust Intek |
| 31       | 104-3217  | 1    | Tube-RH Exhaust Intek |
| 32       | 104-3226  | 2    | Gasket-Exhaust Intek  |
| 33       | 104-3144  | 1    | Pin-Hair              |
| 34       | 104-3227  | 1    | Filter-Fuel           |
| 35       | 104-3218  | 1    | Bracket               |
| 36       | 104-3228  | 1    | Line-Fuel             |
| 37       | 33113-012 | 1    | Screw-HH              |
| 38       | 33023-00  | 1    | Nut-Lock              |
| 39       | 104-3219  | 1    | Shield-Heat           |
| 40       | 33094-00  | 2    | Washer-Flat           |
| 41       | 104-2980  | 2    | Screw                 |
| 42       | 104-2943  | 2    | Washer-Flat           |
| 43       | 87-5140   | 2    | Nut-Lock              |
| 44       | 104-3220  | 1    | Tank-Fuel W/Cap       |
| 45       | 104-2901  | 1    | Decal-Engine 19hp     |



Operation (Brake) By-Pass Assembly

| Ref. No. | Part No.  | Qty. | Description         |
|----------|-----------|------|---------------------|
| 1        | 104-2992  | 2    | Lever-Spring        |
| 2        | 104-2984  | 2    | Washer              |
| 3        | 104-2985  | 2    | Nut-Hex             |
| 4        | 33094-00  | 4    | Washer-Flat         |
| 5        | 104-2993  | 1    | Bracket-Brake Rod   |
| 6        | 104-2994  | 1    | Pin-Spring          |
| 7        | 104-2995  | 1    | Lever-Bypass        |
| 8        | 104-2996  | 1    | Arm-Bypass Lever    |
| 9        | 104-3193  | 3    | Washer              |
| 10       | 104-2997  | 1    | Pin-Cotter          |
| 11       | 104-2998  | 1    | Pad-Pedal           |
| 12       | 104-2999  | 1    | Pedal               |
| 14       | 33024-00  | 2    | Nut-Lock            |
| 15       | 104-3002  | 1    | Spring-Brake        |
| 16       | 104-3003  | 1    | Rod-Brake           |
| 17       | 104-3246  | 1    | Shaft, Brake        |
| 18       | 104-3005  | 1    | Spring-Hand Brake   |
| 19       | 104-3006  | 1    | Lever-Hand Brake    |
| 20       | 33114-020 | 1    | Screw-HH            |
| 21       | 104-3007  | 1    | Clamp-Parking Brake |
| 22       | 104-3008  | 1    | Pin-Spring          |
| 23       | 104-3009  | 2    | Screw-Hex           |
| 24       | 104-3016  | 2    | Pin-Cotter          |
| 25       | 104-3011  | 1    | Bracket-Brake Rod   |

| Ref. No. | Part No. | Qty. | Description   |
|----------|----------|------|---------------|
| 26       | 104-3012 | 1    | Spring        |
| 27       | 104-3013 | 1    | Plate-By-Pass |
| 28       | 104-3014 | 2    | Stirrup       |
| 29       | 104-3015 | 1    | Stirrup       |
| 30       | 33095-00 | 3    | Washer-Flat   |
| 31       | 104-3247 | 1    | Cap           |

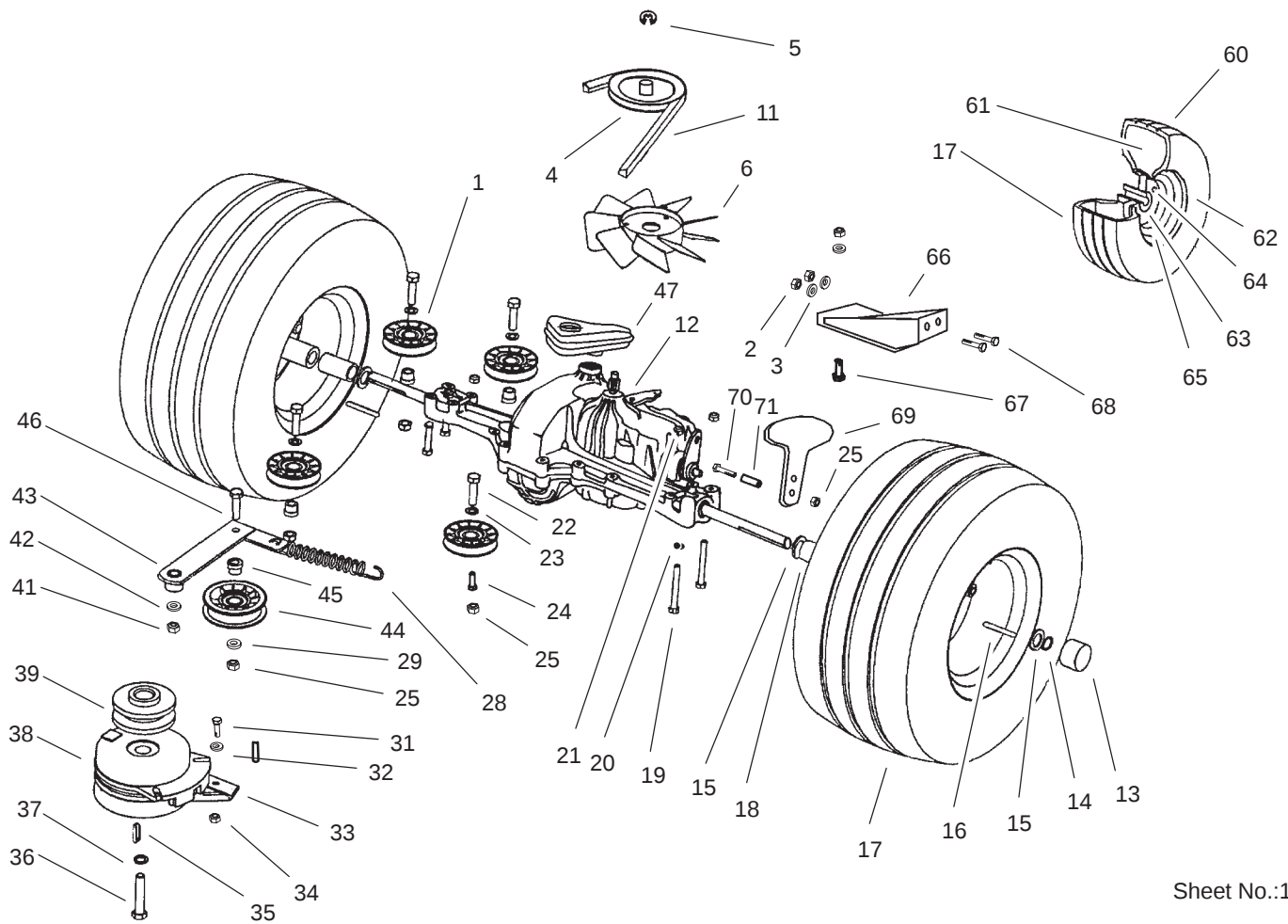


Sheet No.:9

## Operation (Travel Pedals) Assembly

| Ref. No. | Part No. | Qty. | Description        |
|----------|----------|------|--------------------|
| 1        | 104-3017 | 1    | Pedal-Travel Rear  |
| 2        | 104-3018 | 1    | Pad-Pedal Skoda    |
| 3        | 104-3019 | 1    | Pedal-Travel Front |
| 4        | 104-3020 | 1    | Pad-Pedal Front    |
| 5        | 104-3021 | 1    | Pad-Travel         |
| 6        | 104-3022 | 1    | Rod-Tie            |
| 7        | 104-3023 | 1    | Shaft-Diagonal     |
| 8        | 104-3024 | 1    | Link-Formed        |
| 9        | 104-3025 | 1    | Shaft-Diagonal     |
| 10       | 104-3026 | 1    | Pin                |
| 11       | 33095-00 | 3    | Washer-Flat        |
| 12       | 104-3016 | 3    | Pin-Cotter         |
| 13       | 104-3027 | 1    | Pin-Cotter         |
| 14       | 104-3028 | 1    | Spacer             |
| 15       | 104-3029 | 1    | Pin                |
| 16       | 33014-00 | 2    | Nut-Hex            |
| 17       | 94-3489  | 2    | Capscrew - Hex Hd  |
| 18       | 104-3008 | 2    | Pin-Spring         |
| 19       | 104-3030 | 1    | Pin-Spring         |
| 20       | 104-3031 | 1    | Washer             |

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



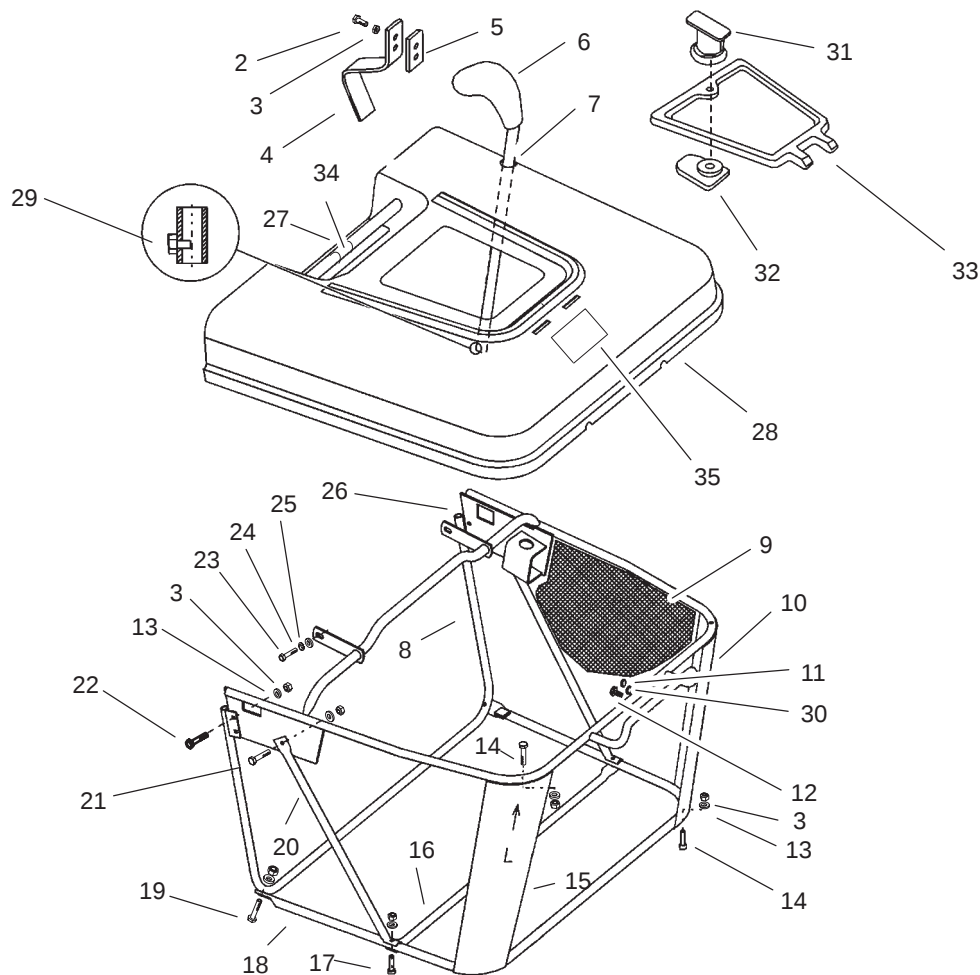
Sheet No.:10

## Transmission Drive Assembly

| Ref. No. | Part No.  | Qty. | Description                |
|----------|-----------|------|----------------------------|
| 1        | 104-2887  | 4    | Pully-Idler                |
| 2        | 33024-00  | 3    | Nut-Lock                   |
| 3        | 33094-00  | 3    | Washer-Flat                |
| 4        | 104-3197  | 1    | Pulley-Transmission        |
| 5        | 104-3198  | 1    | E-Ring                     |
| 6        | 104-3199  | 1    | Fan- Transmission          |
| 11       | 104-2888  | 1    | V-Belt-Traction            |
| 12       | 104-2889  | 1    | Transmission-Tuff Torq K46 |
| 13       | 104-2857  | 2    | Cap-Hub                    |
| 14       | 104-2891  | 2    | Clip-Spring                |
| 15       | 104-3206  | 4    | Washer                     |
| 16       | 104-2892  | 2    | Key-Square                 |
| 17       | 104-2894  | 2    | Tire-Rear Whl ASM          |
| 18       | 104-2895  | 2    | Spacer-Axle                |
| 19       | 60-6690   | 4    | Capscrew                   |
| 20       | 33094-00  | 4    | Washer-Flat                |
| 21       | 33024-00  | 4    | Nut-Lock                   |
| 22       | 33115-040 | 4    | Screw-HH                   |
| 23       | 33095-00  | 4    | Washer-Flat                |
| 24       | 104-2896  | 4    | Bushing-Idler              |
| 25       | 33025-00  | 5    | Nut-Lock                   |
| 28       | 104-2897  | 1    | Spring                     |
| 29       | 33095-00  | 1    | Washer-Flat                |
| 31       | 33114-020 | 1    | Screw-HH                   |
| 32       | 33094-00  | 1    | Washer-Flat                |

| Ref. No. | Part No.  | Qty. | Description               |
|----------|-----------|------|---------------------------|
| 33       | 104-2898  | 1    | Retainer                  |
| 34       | 33024-00  | 1    | Nut-Lock                  |
| 35       | 104-2899  | 1    | Key-Square                |
| 36       | 3212-10   | 1    | Screw-HH                  |
| 37       | 93-9043   | 1    | Washer- Belleville Spring |
| 38       | 104-3334  | 1    | Clutch-Electric           |
| 39       | 104-2911  | 1    | Pulley-Engine             |
| 41       | 33024-00  | 1    | Nut-Lock                  |
| 42       | 33094-00  | 1    | Washer-Flat               |
| 43       | 104-2912  | 1    | Arm-Idler                 |
| 44       | 104-2913  | 1    | Pulley-Idler              |
| 45       | 104-2896  | 1    | Bushing-Idler             |
| 46       | 33115-040 | 1    | Screw-HH                  |
| 47       | 104-2914  | 1    | Res-Tank W/Cap            |
| 60       | 104-2917  | 2    | Tire-Turf Saver 4 Ply     |
| 61       | 104-2918  | 2    | Tube                      |
| 62       | 104-2915  | 2    | Rim                       |
| 62       | 104-3196  | 2    | Wheel ASM                 |
| 63       | 104-2921  | 2    | Hub-Wheel                 |
| 64       | 104-2922  | 8    | Nut-Wheel                 |
| 65       | 104-2875  | 2    | Valve-Tyre Compl.         |
| 66       | 104-2923  | 1    | Stabilizer-20" Wheels     |
| 67       | 98-5827   | 2    | Screw-Hex Hd              |
| 68       | 33114-025 | 2    | Screw-HH                  |
| 69       | 104-2924  | 1    | Arm-Cruise Control        |





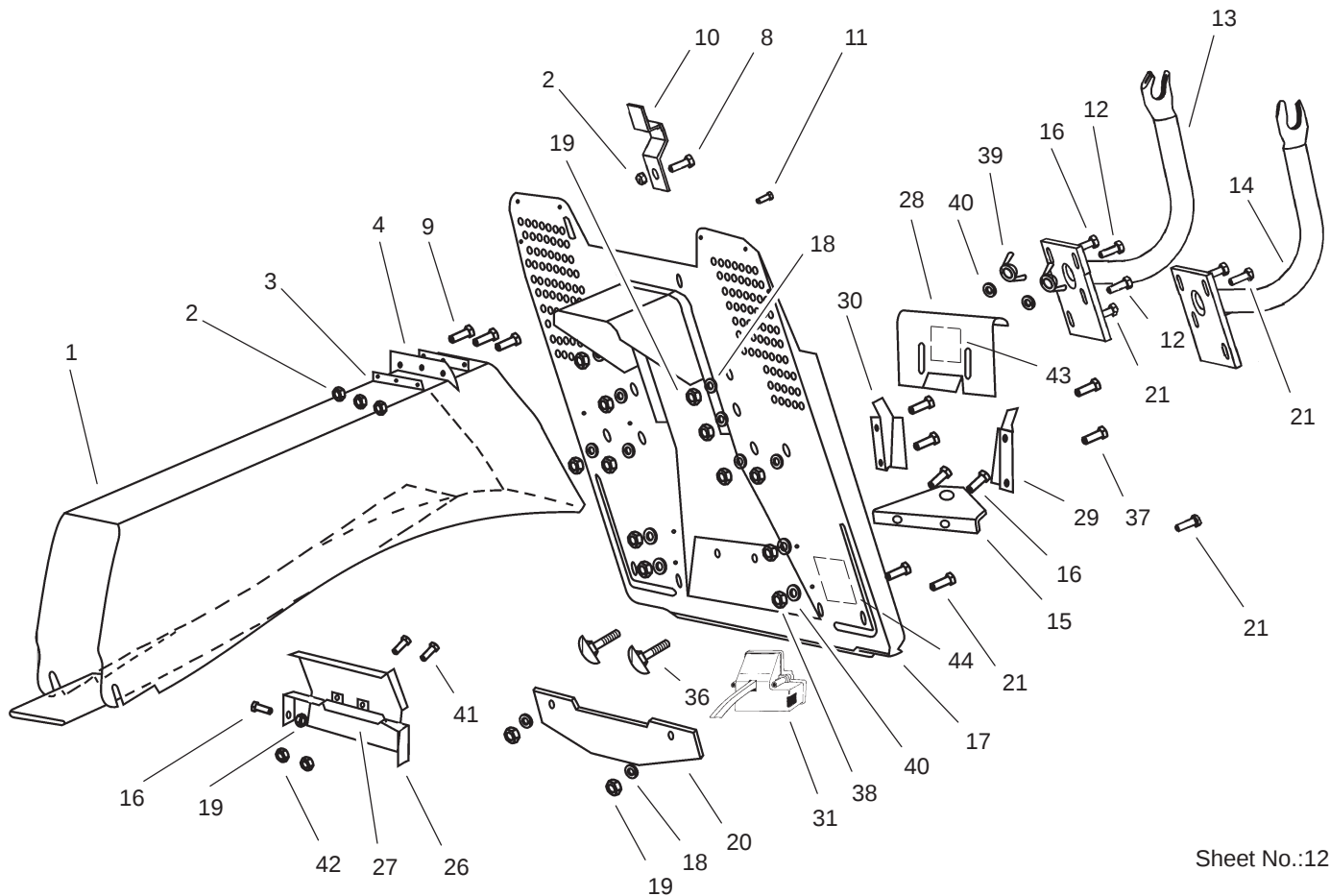
Sheet No.:11

## Grass Collector Assembly

| Ref. No. | Part No.  | Qty. | Description                  |
|----------|-----------|------|------------------------------|
| *1       | 104-3032  | 1    | Grass Coll ASM               |
| 2        | 60-6910   | 2    | Screw                        |
| 3        | 87-5140   | 16   | Nut-Lock                     |
| 4        | 104-3033  | 1    | Spring-Coll Interlock Switch |
| 5        | 104-3034  | 1    | Washer-Spring                |
| 6        | 104-3035  | 1    | Grip-Dump Lever Handle       |
| 7        | 104-3036  | 1    | Lever-Dumping                |
| 8        | 104-3037  | 1    | Front Frame ASM              |
| 9        | 104-3038  | 1    | Bag-Grass Coll               |
| 10       | 104-3039  | 1    | Support-Right Corner         |
| 11       | 104-2943  | 7    | Washer-Flat                  |
| 12       | 104-3040  | 7    | Screw-Tapping                |
| 13       | 52-6430   | 14   | Washer                       |
| 14       | 104-3041  | 4    | Screw-Hex                    |
| 15       | 104-3042  | 1    | Support-Left Corner          |
| 16       | 104-3043  | 1    | Brace-Connecting             |
| 17       | 104-3044  | 2    | Screw-Hex                    |
| 18       | 104-3045  | 1    | Bottom Frame ASM             |
| 19       | 104-3041  | 2    | Screw-Hex                    |
| 20       | 104-3046  | 2    | Brace                        |
| 21       | 60-6910   | 2    | Screw                        |
| 22       | 104-2948  | 4    | Bolt-Carriage                |
| 23       | 33114-020 | 2    | Screw-HH                     |
| 24       | 104-2927  | 2    | Washer-Spring                |

| Ref. No. | Part No. | Qty. | Description               |
|----------|----------|------|---------------------------|
| 25       | 104-2946 | 2    | Washer-Flat               |
| 26       | 104-3047 | 1    | Top Frame ASM             |
| 27       | 104-3048 | 1    | Handle-Lift               |
| 28       | 104-3049 | 1    | Cover-Coll                |
| 29       | 32144-4  | 1    | Screw-HH                  |
| 30       | 104-2952 | 7    | Washer-Rubber             |
| 31       | 104-3051 | 1    | Knob                      |
| 32       | 104-3052 | 1    | Arm-Knob                  |
| 33       | 104-3053 | 1    | Window-Transparent        |
| 34       | 104-3242 | 1    | Decal-Bag To Frame Mating |
| 35       | 93-6654  | 1    | Decal-Danger Covers       |

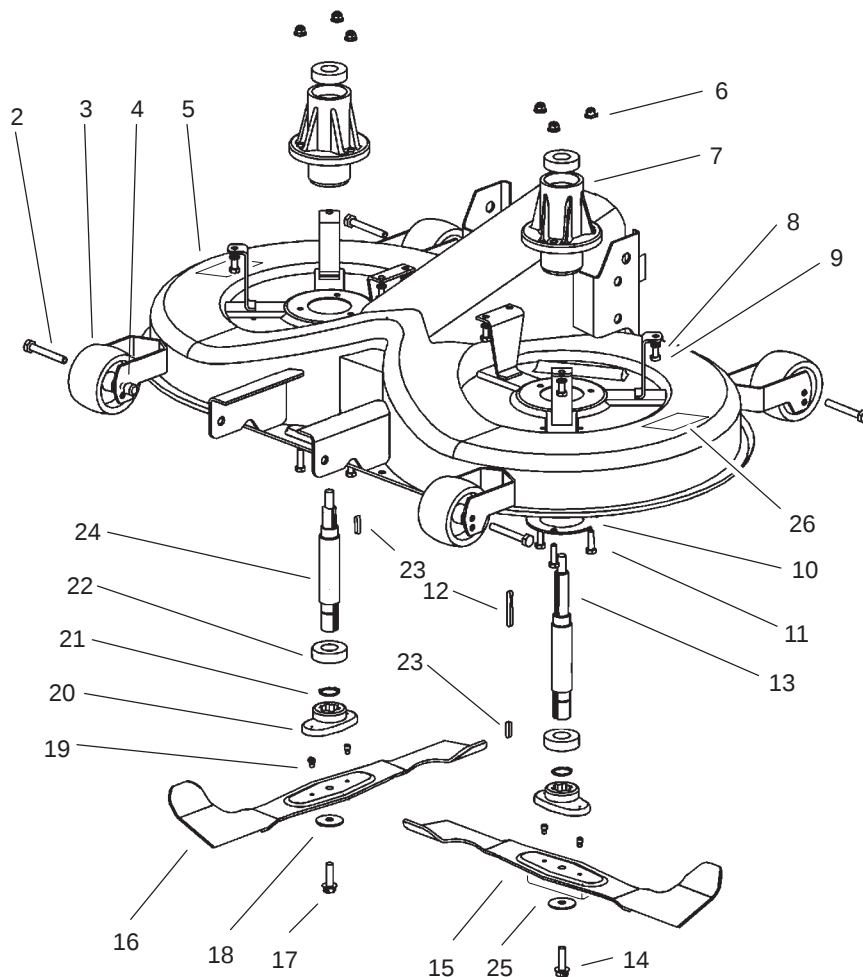
\* Not illustrated



Sheet No.:12

## Chute-Collector Assembly

| Ref. No. | Part No. | Qty. | Description               | Ref. No. | Part No.  | Qty. | Description                   |
|----------|----------|------|---------------------------|----------|-----------|------|-------------------------------|
| 1        | 104-3054 | 1    | Tunnel                    | 31       | 104-3074  | 1    | Overload Switch ASM, Complete |
| 2        | 104-2985 | 6    | Nut-Hex                   | 36       | 3229-1    | 2    | Screw-CARR                    |
| 3        | 104-3055 | 1    | Plate-Support             | 37       | 33113-012 | 4    | Screw-HH                      |
| 4        | 104-3056 | 1    | Seal-Rubber               | 38       | 33023-00  | 4    | Nut-Lock                      |
| 8        | 104-2983 | 1    | Screw                     | 39       | 32103-28  | 2    | Nut-Wing                      |
| 9        | 104-3058 | 3    | Screw-Slt Hd              | 40       | 33093-00  | 2    | Washer-Flat                   |
| 10       | 104-3059 | 1    | Cover-Switch              | 41       | 104-2948  | 2    | Bolt-Carriage                 |
| 11       | 104-3060 | 2    | Bolt-Carriage             | 42       | 87-5140   | 2    | Nut-Lock                      |
| 12       | 104-3061 | 4    | Screw                     | 43       | 104-2853  | 1    | Decal - Bagging Position      |
| 13       | 104-3062 | 1    | Support-Right Collector   | 44       | 104-3243  | 1    | Decal-Hydro Bypass            |
| 14       | 104-3063 | 1    | Support-Left Collector    |          |           |      |                               |
| 15       | 104-3064 | 1    | Hitch-Tow                 |          |           |      |                               |
| 16       | 104-3065 | 6    | Screw-Hex                 |          |           |      |                               |
| 17       | 104-3066 | 1    | Collector Plate ASM       |          |           |      |                               |
| 18       | 33095-00 | 6    | Washer-Flat               |          |           |      |                               |
| 19       | 33024-00 | 10   | Nut-Lock                  |          |           |      |                               |
| 20       | 104-3067 | 1    | Support-Tow Hitch         |          |           |      |                               |
| 21       | 104-3068 | 5    | Screw-Hex                 |          |           |      |                               |
| 26       | 104-3069 | 1    | Bracket-Protective Shield |          |           |      |                               |
| 27       | 104-3070 | 1    | Shield-Protective         |          |           |      |                               |
| 28       | 104-3071 | 1    | Shield-Adjustable         |          |           |      |                               |
| 29       | 104-3072 | 1    | Chute-Left Rear Plate     |          |           |      |                               |
| 30       | 104-3073 | 1    | Chute-Right Rear Plate    |          |           |      |                               |



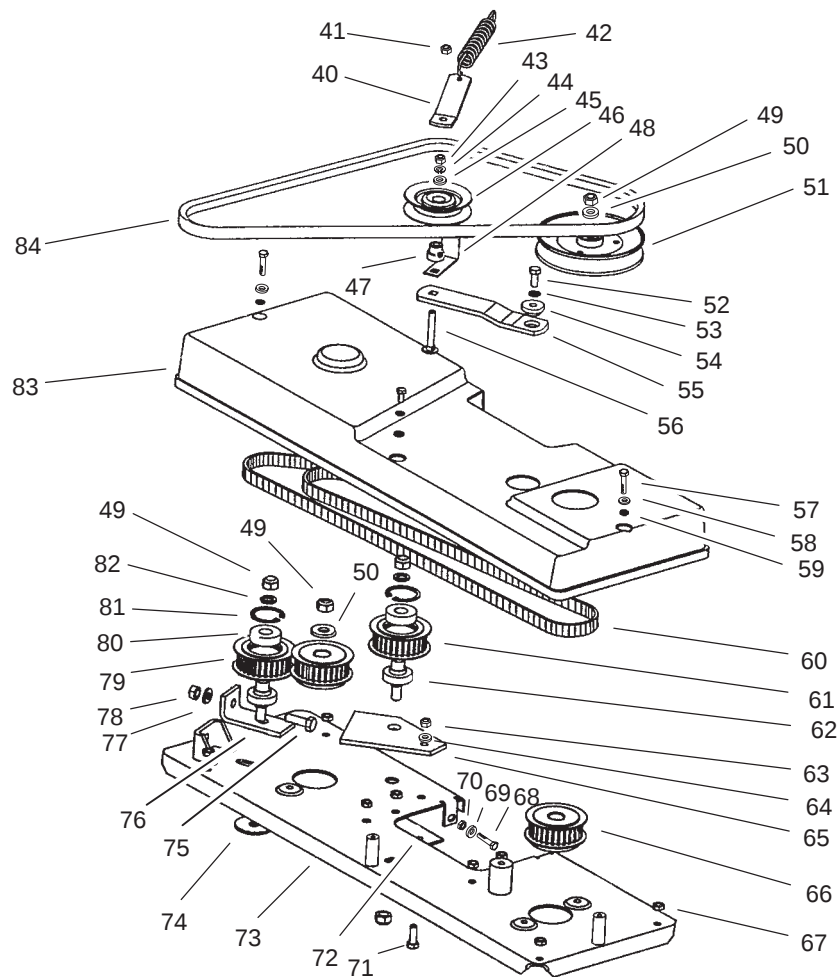
Sheet No.:13

## Operation-Cutting Pan Assembly

| Ref. No. | Part No.  | Qty. | Description             |
|----------|-----------|------|-------------------------|
| *1       | 104-3079  | 1    | Cutting System Complete |
| 2        | 33115-090 | 4    | Screw-HH                |
| 3        | 104-3080  | 4    | Wheel-Gauge             |
| 4        | 33025-00  | 4    | Nut-Lock                |
| 5        | 104-3081  | 1    | Mower Housing Complete  |
| 6        | 104-3082  | 6    | Nut-Self Lock Flng      |
| 7        | 104-3083  | 2    | Housing-Quill           |
| 8        | 33094-00  | 8    | Washer-Flat             |
| 9        | 33114-020 | 8    | Screw-HH                |
| 10       | 104-3084  | 2    | Support-Ring            |
| 11       | 104-3085  | 6    | Bolt-Hex Flng           |
| 12       | 104-3086  | 1    | Key                     |
| 13       | 104-3087  | 1    | Shaft-Left Blade        |
| 14       | 104-3088  | 1    | Screw-Hex               |
| 15       | 104-3089  | 1    | Blade-Right             |
| 16       | 104-3090  | 1    | Blade-Left              |
| 17       | 104-3091  | 1    | Screw-Hex Left          |
| 18       | 104-3092  | 2    | Washer-Belleville       |
| 19       | 104-3093  | 4    | Pin-Grooved Shear       |
| 20       | 104-3094  | 2    | Adapter-Blade           |
| 21       | 104-3095  | 2    | Ring-Locking            |
| 22       | 104-3096  | 4    | Bearing                 |
| 23       | 104-3097  | 3    | Key-Square              |
| 24       | 104-3098  | 1    | Shaft-Right Blade       |

| Ref. No. | Part No. | Qty. | Description        |
|----------|----------|------|--------------------|
| 25       | 104-3207 | 2    | Stiffener-Blade    |
| 26       | 93-7824  | 2    | Decal-Danger Int'l |

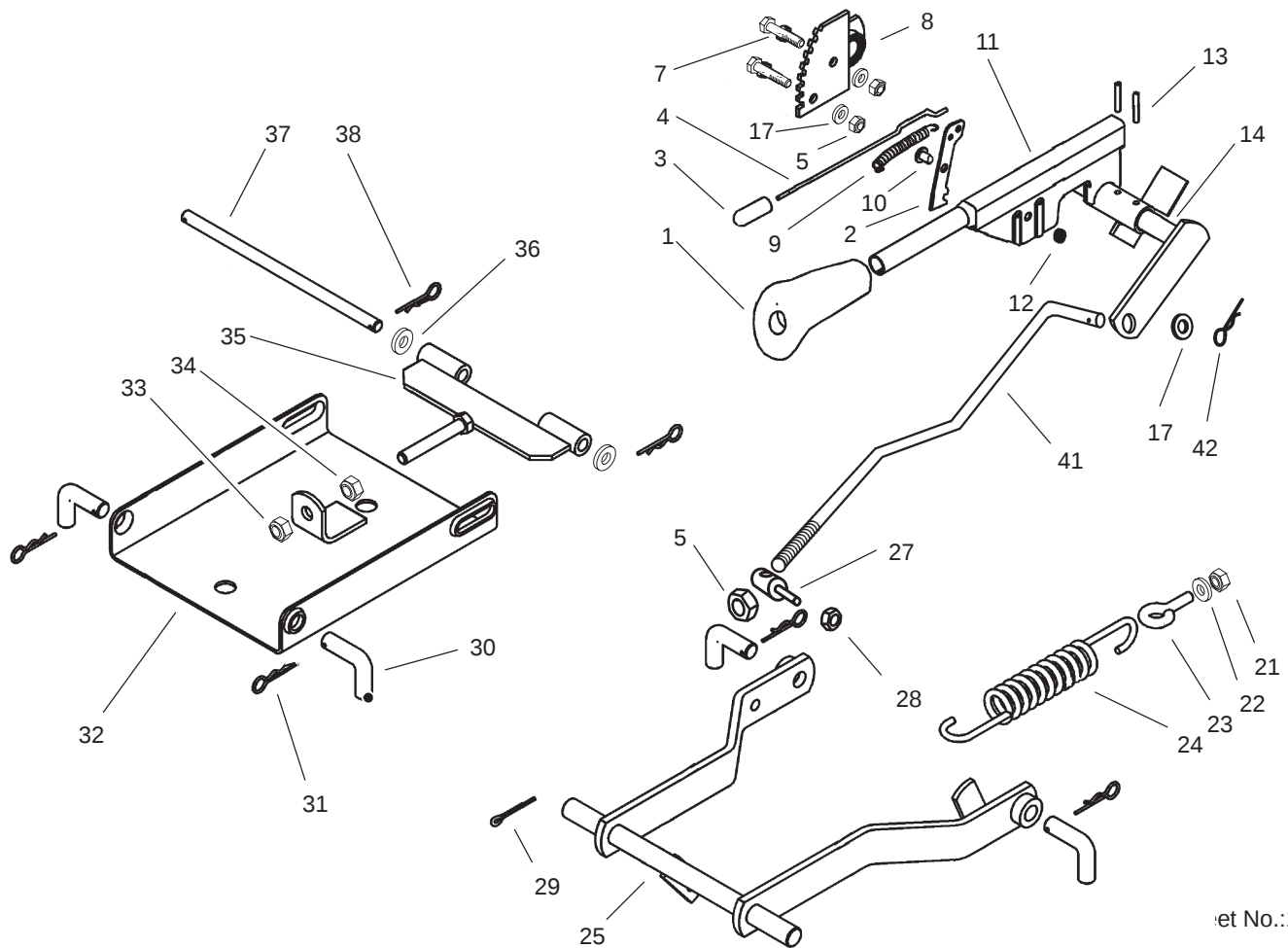
\* Not illustrated



Sheet No.:14

## Cutting Pan Assembly

| Ref. No. | Part No.  | Qty. | Description      | Ref. No. | Part No.  | Qty. | Description           |
|----------|-----------|------|------------------|----------|-----------|------|-----------------------|
| 40       | 104-3099  | 1    | Lever-Engagement | 66       | 104-3116  | 2    | Pulley-Drive Cog      |
| 41       | 33024-00  | 1    | Nut-Lock         | 67       | 33024-00  | 8    | Nut-Lock              |
| 42       | 104-3101  | 1    | Spring           | 68       | 104-2961  | 1    | Screw                 |
| 43       | 104-3102  | 1    | Nut-Hex          | 69       | 33093-00  | 1    | Washer-Flat           |
| 44       | 104-2927  | 1    | Washer-Spring    | 70       | 33023-00  | 1    | Nut-Lock              |
| 45       | 104-2946  | 1    | Washer-Flat      | 71       | 33114-025 | 1    | Screw-HH              |
| 46       | 104-3103  | 1    | Pulley-Idler     | 72       | 104-3117  | 1    | Washer-Flat           |
| 47       | 104-3104  | 1    | Bushing          | 73       | 104-3118  | 1    | Blade Drive Plate ASM |
| 48       | 104-3105  | 1    | Retainer-Belt    | 74       | 104-2909  | 1    | Washer-Eccentric Bolt |
| 49       | 33026-00  | 6    | Nut-Lock         | 75       | 104-3119  | 1    | Screw-Hex             |
| 50       | 104-3106  | 2    | Washer-Flat      | 76       | 104-3120  | 1    | Bracket-Idler         |
| 51       | 104-3107  | 1    | Pulley-Drive     | 77       | 33095-00  | 1    | Washer-Flat           |
| 52       | 33114-025 | 1    | Screw-HH         | 78       | 33025-00  | 1    | Nut-Lock              |
| 53       | 104-2927  | 1    | Washer-Spring    | 79       | 104-3121  | 2    | Pulley-Cog            |
| 54       | 104-3108  | 1    | Spacer-Shoulder  | 80       | 104-3122  | 2    | Bearing               |
| 55       | 104-3109  | 1    | Arm-Idler        | 81       | 104-3123  | 2    | Ring-Locking          |
| 56       | 33114-050 | 1    | Screw-HH         | 82       | 104-3124  | 4    | Washer-Flat           |
| 57       | 33113-016 | 3    | Screw-HH         | 83       | 104-3125  | 1    | Cover-Belt            |
| 58       | 104-3110  | 3    | Washer-Flat      | 84       | 104-3126  | 1    | V-Belt                |
| 59       | 104-3111  | 3    | Washer-Rubber    |          |           |      |                       |
| 60       | 104-3112  | 1    | Belt-Cog         |          |           |      |                       |
| 61       | 104-3113  | 2    | Cog Pulley ASM   |          |           |      |                       |
| 62       | 104-3114  | 2    | Pin-Cog Pulley   |          |           |      |                       |
| 63       | 33024-00  | 1    | Nut-Lock         |          |           |      |                       |
| 64       | 33094-00  | 1    | Washer-Flat      |          |           |      |                       |
| 65       | 104-3115  | 1    | Support-Pulley   |          |           |      |                       |

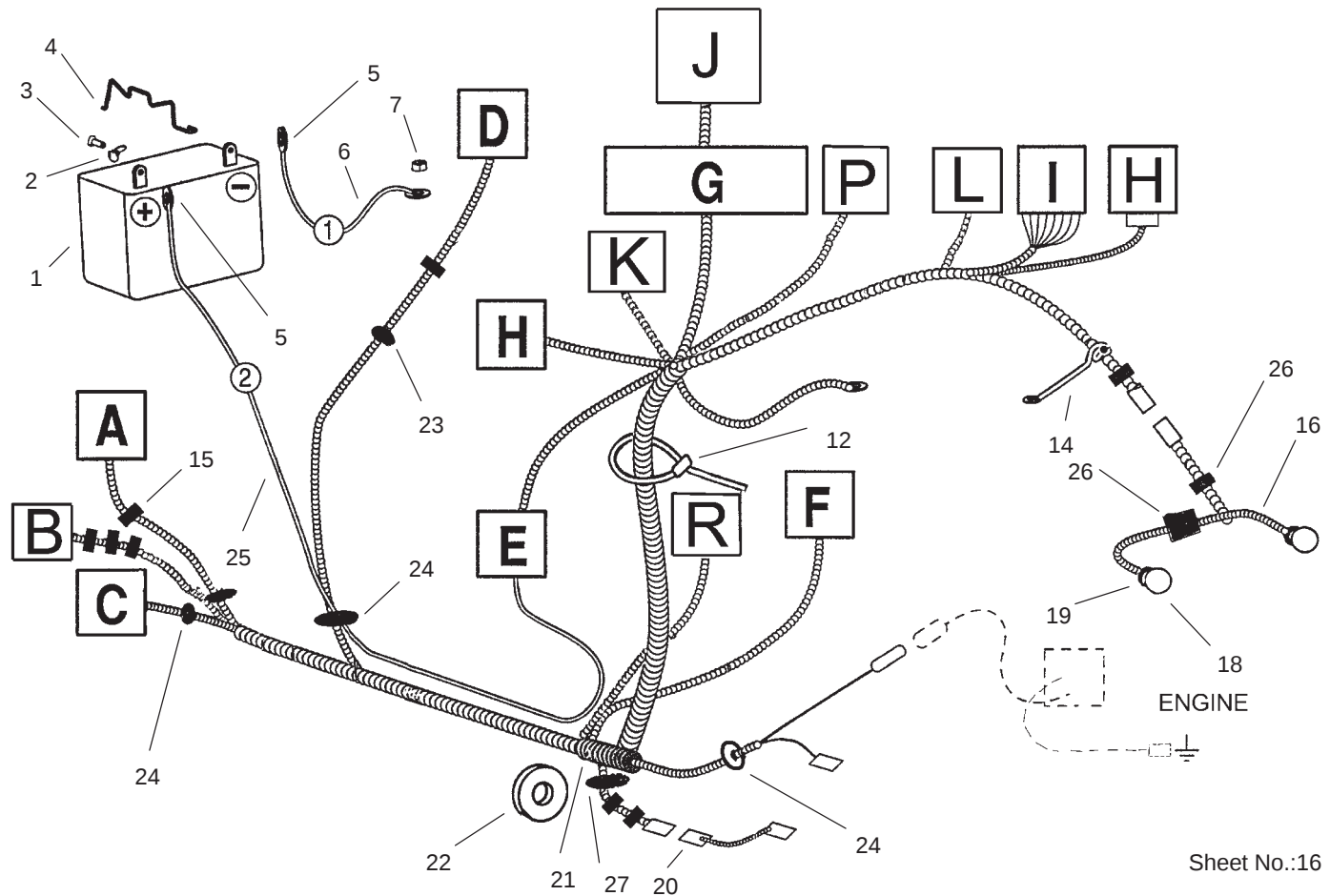


et No.:15

## Operation (Mower Lift) Assembly

| Ref. No. | Part No.  | Qty. | Description                 |
|----------|-----------|------|-----------------------------|
| 1        | 104-3129  | 1    | Grip-Handle                 |
| 2        | 104-3130  | 1    | Ratchet-Pivot Plate         |
| 3        | 104-3131  | 1    | Button-Plunger              |
| 4        | 104-3132  | 1    | Rod-Connection              |
| 5        | 33024-00  | 2    | Nut-Lock                    |
| 7        | 33114-020 | 2    | Screw-HH                    |
| 8        | 104-3133  | 1    | Segment-Gear                |
| 9        | 104-3134  | 1    | Spring                      |
| 10       | 104-3135  | 1    | Pin-Arm Lever               |
| 11       | 104-3136  | 1    | Lever-Height Adj. Arm       |
| 12       | 104-3137  | 1    | Clip-Pin                    |
| 13       | 104-2994  | 2    | Pin-Spring                  |
| 14       | 104-3138  | 1    | Shaft-Height Adj.           |
| 17       | 33094-00  | 3    | Washer-Flat                 |
| 21       | 33025-00  | 1    | Nut-Lock                    |
| 22       | 33095-00  | 1    | Washer-Flat                 |
| 23       | 104-3139  | 1    | Bolt-Eye                    |
| 24       | 104-3140  | 1    | Spring-Lift                 |
| 25       | 104-3141  | 1    | Pivot Arm ASM               |
| 27       | 104-3142  | 1    | Pin-Lifting                 |
| 28       | 33025-00  | 1    | Nut-Lock                    |
| 29       | 104-3016  | 1    | Pin-Cotter                  |
| 30       | 104-3143  | 4    | Pin-Bent                    |
| 31       | 104-3144  | 5    | Pin-Hair                    |
| 32       | 104-3145  | 1    | Suspension-Front Mower Deck |

| Ref. No. | Part No. | Qty. | Description     |
|----------|----------|------|-----------------|
| 33       | 33026-00 | 1    | Nut-Lock        |
| 34       | 33016-00 | 1    | Nut-Hex         |
| 35       | 104-3146 | 1    | Holder-Front    |
| 36       | 104-3124 | 2    | Washer-Flat     |
| 37       | 104-3147 | 1    | Pin             |
| 38       | 104-3148 | 2    | Clip-Hair Pin   |
| 41       | 104-3149 | 1    | Rod-Height Adj. |
| 42       | 104-3151 | 1    | Pin-Cotter      |

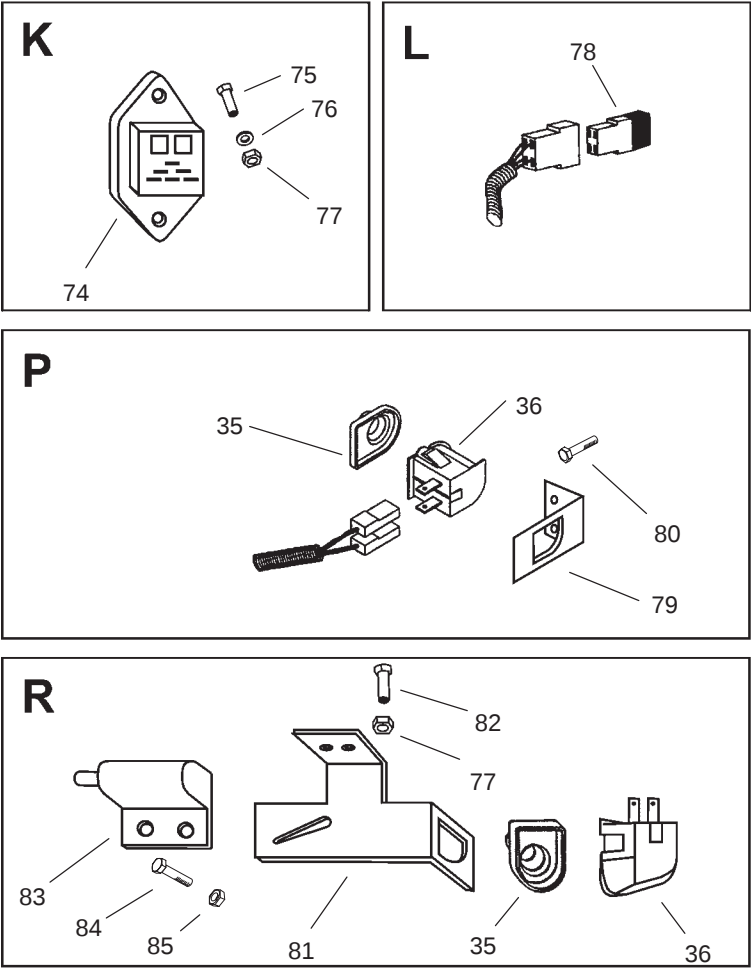


Sheet No.:16

# Electrical Assembly

| Ref. No. | Part No. | Qty. | Description            |
|----------|----------|------|------------------------|
| 1        | 104-3152 | 1    | Battery-12v-22ah-Wet   |
| 2        | 32128-32 | 2    | Nut-HHF                |
| 3        | 3235-20  | 2    | Hex Hd Screw           |
| 4        | 104-3153 | 1    | Clamp-Battery          |
| 5        | 104-3154 | 2    | Boot-Rubber            |
| 6        | 104-3155 | 1    | Cable-Battery Neg      |
| 7        | 33024-00 | 1    | Nut-Lock               |
| 12       | 3334-945 | 3    | Tie-Cable              |
| 14       | 104-3156 | 1    | Holder-Wiring Harness  |
| 15       | 104-3157 | 10   | Clip-Snap              |
| 16       | 88-4320  | 1    | Wire Harness-Lights    |
| 18       | 104-3158 | 2    | Bulb-Light Ge 1156     |
| 19       | 104-3159 | 2    | Socket-Light           |
| 20       | 104-3160 | 1    | Harness-Clutch W/Diode |
| 21       | 104-3162 | 1    | Harness-Main Wiring    |
| 22       | 104-3163 | 1    | Cap                    |
| 23       | 104-3164 | 1    | Bushing                |
| 24       | 104-3165 | 4    | Bushing                |
| 25       | 104-3166 | 1    | Cable-Battery Pos      |
| 26       | 104-3167 | 2    | Clip-Nylon             |
| 27       | 104-3168 | 1    | Bushing                |

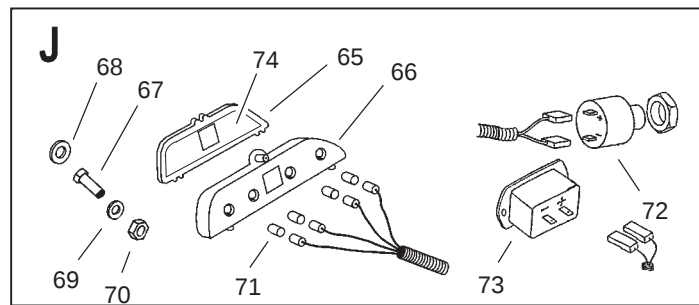
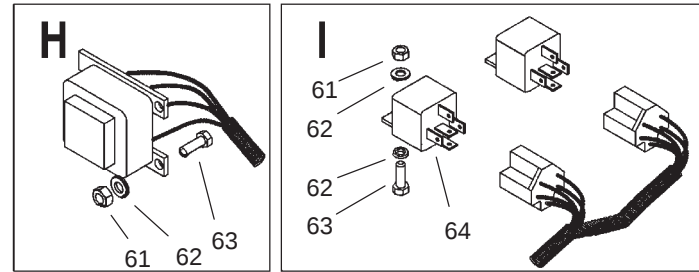
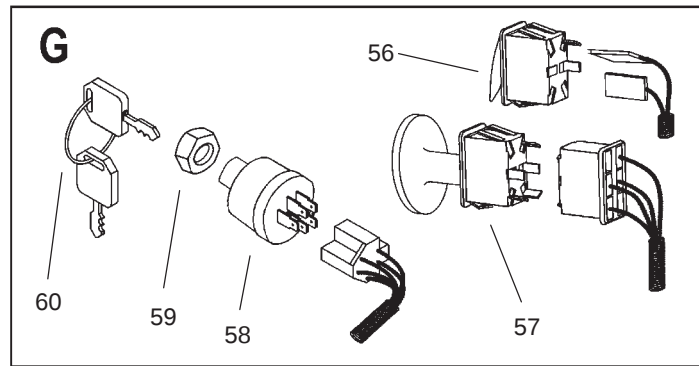
| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |



Sheet No.:17

**Electrical Assembly (cont.)**

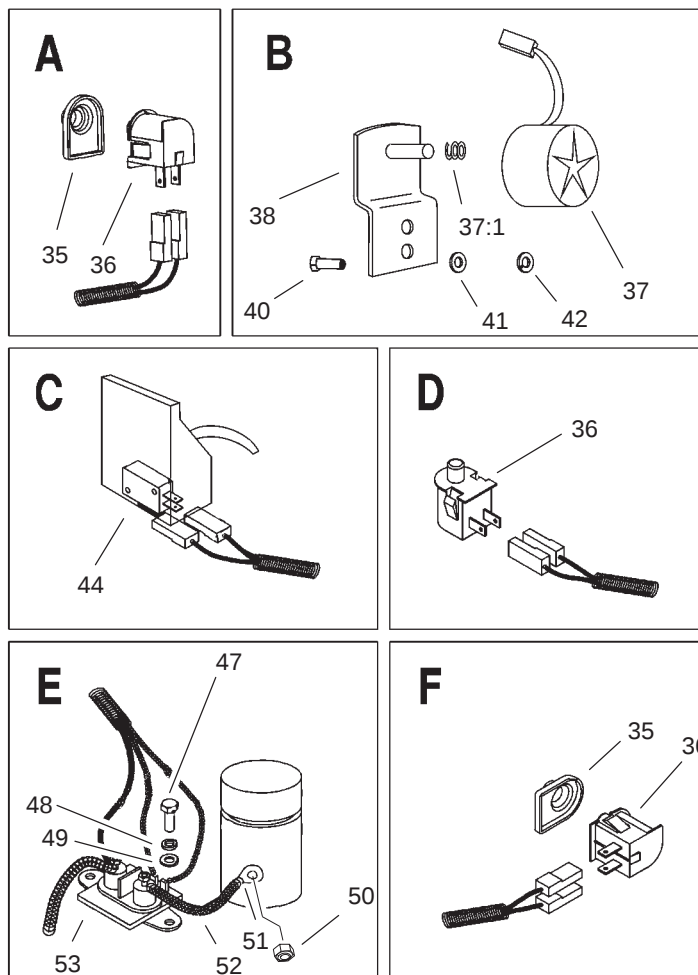
| Ref. No. | Part No. | Qty. | Description          | Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|----------------------|----------|----------|------|-------------|
| 35       | 104-3178 | 2    | Cover-Protective     |          |          |      |             |
| 36       | 104-3179 | 2    | Switch-Delta         |          |          |      |             |
| 74       | 99-3701  | 1    | Module-Clutch        |          |          |      |             |
| 75       | 60-6910  | 2    | Screw                |          |          |      |             |
| 76       | 52-6430  | 2    | Washer               |          |          |      |             |
| 77       | 87-5140  | 2    | Nut-Lock             |          |          |      |             |
| 78       | 104-3169 | 1    | Circuit-Memory       |          |          |      |             |
| 79       | 104-3170 | 1    | Bracket              |          |          |      |             |
| 80       | 104-3190 | 2    | Screw                |          |          |      |             |
| 81       | 104-3171 | 1    | Bracket              |          |          |      |             |
| 82       | 104-2980 | 2    | Screw                |          |          |      |             |
| 83       | 95-1653  | 1    | Switch - Single Pole |          |          |      |             |
| 84       | 104-2983 | 2    | Screw                |          |          |      |             |
| 85       | 104-2985 | 2    | Nut-Hex              |          |          |      |             |



Sheet No.:18

## Electrical Assembly (cont.)

| Ref. No. | Part No. | Qty. | Description           | Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-----------------------|----------|----------|------|-------------|
| 56       | 93-0527  | 1    | Switch – Cruise       |          |          |      |             |
| 57       | 93-9998  | 1    | Switch – PTO Toro     |          |          |      |             |
| 58       | 92-6785  | 1    | Switch – Ignition     |          |          |      |             |
| 59       | 104-3172 | 1    | Nut-Hex               |          |          |      |             |
| 60       | 62-7770  | 2    | Key-Ignition          |          |          |      |             |
| 61       | 87-5140  | 4    | Nut-Lock              |          |          |      |             |
| 62       | 104-2943 | 6    | Washer-Flat           |          |          |      |             |
| 63       | 104-2978 | 4    | Screw-Hex             |          |          |      |             |
| 64       | 104-3173 | 2    | Relay                 |          |          |      |             |
| 65       | 92-6705  | 1    | Lens – Dash Hm        |          |          |      |             |
| 66       | 92-6732  | 1    | Hsg – Indicator Light |          |          |      |             |
| 67       | 104-3191 | 3    | Screw                 |          |          |      |             |
| 68       | 104-3174 | 1    | Screw-Cap             |          |          |      |             |
| 69       | 104-3175 | 3    | Washer                |          |          |      |             |
| 70       | 104-2985 | 3    | Nut-Hex               |          |          |      |             |
| 71       | 104-3176 | 4    | Bulb                  |          |          |      |             |
| 72       | 104-3177 | 1    | Buzzer                |          |          |      |             |
| 73       | 94-4208  | 1    | Hourmeter             |          |          |      |             |
| 74       | 104-2854 | 1    | Decal – Dash          |          |          |      |             |



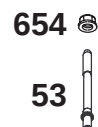
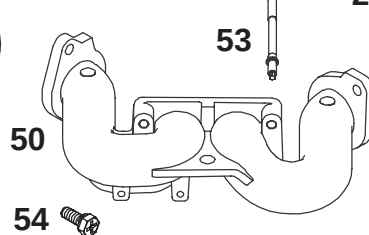
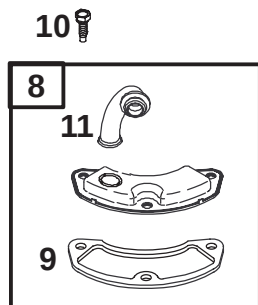
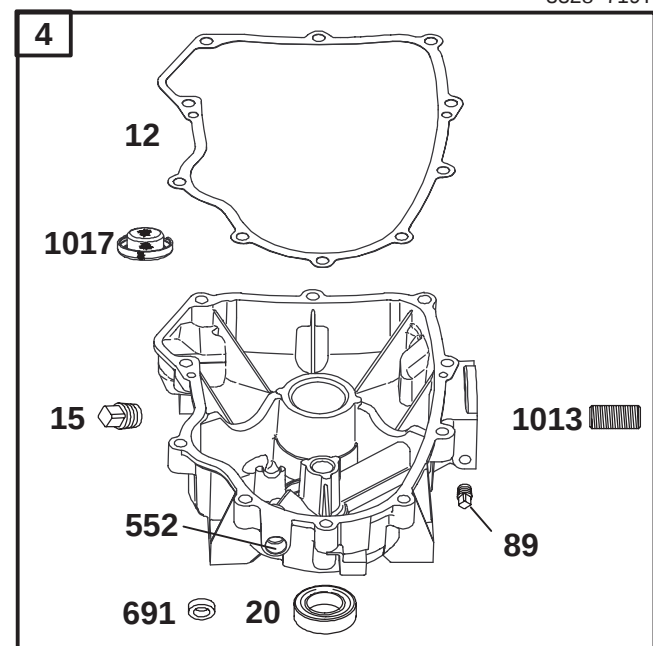
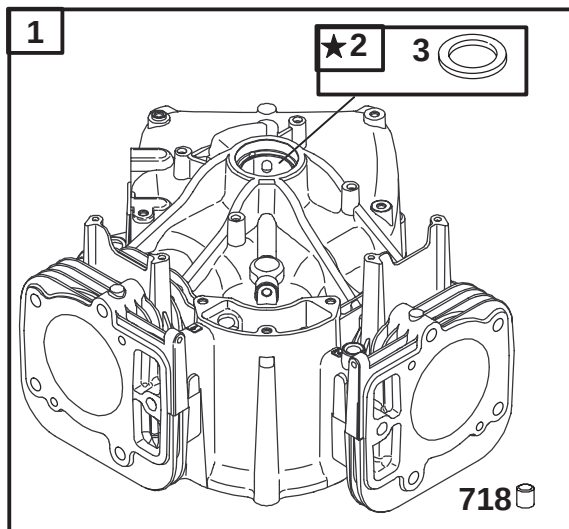
Sheet No.:19

## Electrical Assembly (cont.)

| Ref. No. | Part No.  | Qty. | Description          |
|----------|-----------|------|----------------------|
| 35       | 104-3178  | 4    | Cover-Protective     |
| 36       | 104-3179  | 4    | Switch-Delta         |
| 36       | 104-3180  | 1    | Switch-Delta         |
| 37       | 99-8090   | 1    | Magnet ASM           |
| 37:1     | 93-6601   | 1    | Spring - Compression |
| 38       | 104-3181  | 1    | Bracket-Cruise       |
| 40       | 104-3182  | 2    | Screw                |
| 41       | 104-2946  | 2    | Washer-Flat          |
| 42       | 104-2927  | 2    | Washer-Spring        |
| 44       | 104-3185  | 1    | Switch-Omron         |
| *45      | 46-5780   | 1    | Switch-Starter       |
| 47       | 33113-012 | 2    | Screw-HH             |
| 48       | 104-3186  | 2    | Washer-Spring        |
| 49       | 33093-00  | 2    | Washer-Flat          |
| 50       | 32128-32  | 1    | Nut-HHF              |
| 51       | 104-3187  | 1    | Boot-Rubber          |
| 52       | 104-3188  | 1    | Lead-Elect Starter   |
| 53       | 104-3189  | 1    | Solenoid             |

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

\* Not illustrated



★ REQUIRES SPECIAL TOOLS  
TO INSTALL. SEE REPAIR  
INSTRUCTION MANUAL.

**1058 OWNER'S MANUAL**

Assemblies include all parts shown in frames.

## Engine Briggs & Stratton Model 406777-0157-E1

| Ref. No. | Part No. | Qty. | Description                     |
|----------|----------|------|---------------------------------|
| 1        | 690231   | 1    | Cylinder Assembly               |
| 2        | 499585   | 1    | Bushing/Seal Kit (Magneto Side) |
| ★3       | 391086   | 1    | Oil Seal (Magneto Side)         |
| 4        | 690069   | 1    | Engine Sump                     |
| 8        | 499601   | 1    | Breather Assembly               |
| ★9       | 273370   | 1    | Breather Gasket                 |
| 10       | 690960   | 1    | Screw (Breather Assembly)       |
| 11       | 690942   | 1    | Breather Tube                   |
| ★12      | 273488   | 1    | Crankcase Gasket                |
| 15       | 94239    | 1    | Oil Drain Plug                  |
| ★20      | 690947   | 1    | Oil Seal (PTO Side)             |
| 22       | 690308   | 1    | Screw (Crankcase Cover/Sump)    |
| 50       | 690948   | 1    | Intake Manifold                 |
| Δ★51     | 273487   | 1    | Intake Gasket                   |
| ★◆51A    | 690950   | 1    | Intake Gasket                   |
| 53       | 690951   | 1    | Stud (Carburetor)               |
| 54       | 94913    | 1    | Screw (Intake Manifold)         |
| 89       | 690283   | 1    | Oil Plug                        |

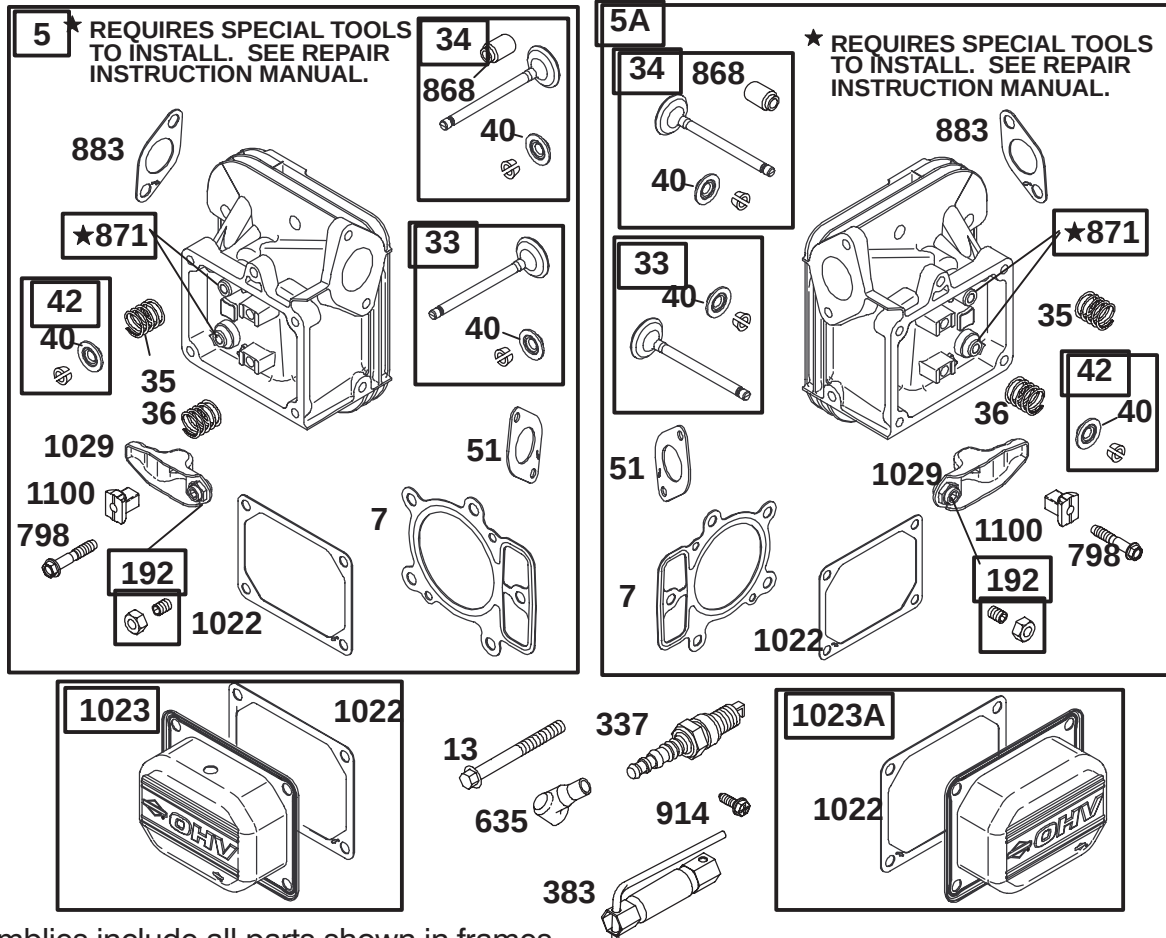
| Ref. No. | Part No. | Qty. | Description            |
|----------|----------|------|------------------------|
| 122      | 690952   | 1    | Carburetor Spacer      |
| 239      | 491657   | 1    | Oil Pressure Switch    |
| 250      | 690957   | 1    | Breather Retainer      |
| 252      | 690956   | 1    | Oil Collector          |
| 552      | 690552   | 1    | Governor Crank Bushing |
| 654      | 94010    | 1    | Nut (Carburetor)       |
| ★691     | 690657   | 1    | Governor Shaft Seal    |
| 718      | 230192   | 1    | Locating Pin           |
| 1013     | 690954   | 1    | Oil Filter Nipple      |
| 1017     | 690770   | 1    | Oil Pump Screen        |
| 1058     | 274277   | 1    | Owner's Manual         |

Δ Included in Valve Overhaul Kit-Ref. 1033.

● Included in Carburetor Kit-Ref. 121

★ Included in Gasket Set-Ref. 358.

◆ Included in Carburetor Gasket Set-Ref. 977.



Assemblies include all parts shown in frames.

## Engine Briggs & Stratton Model 406777-0157-E1

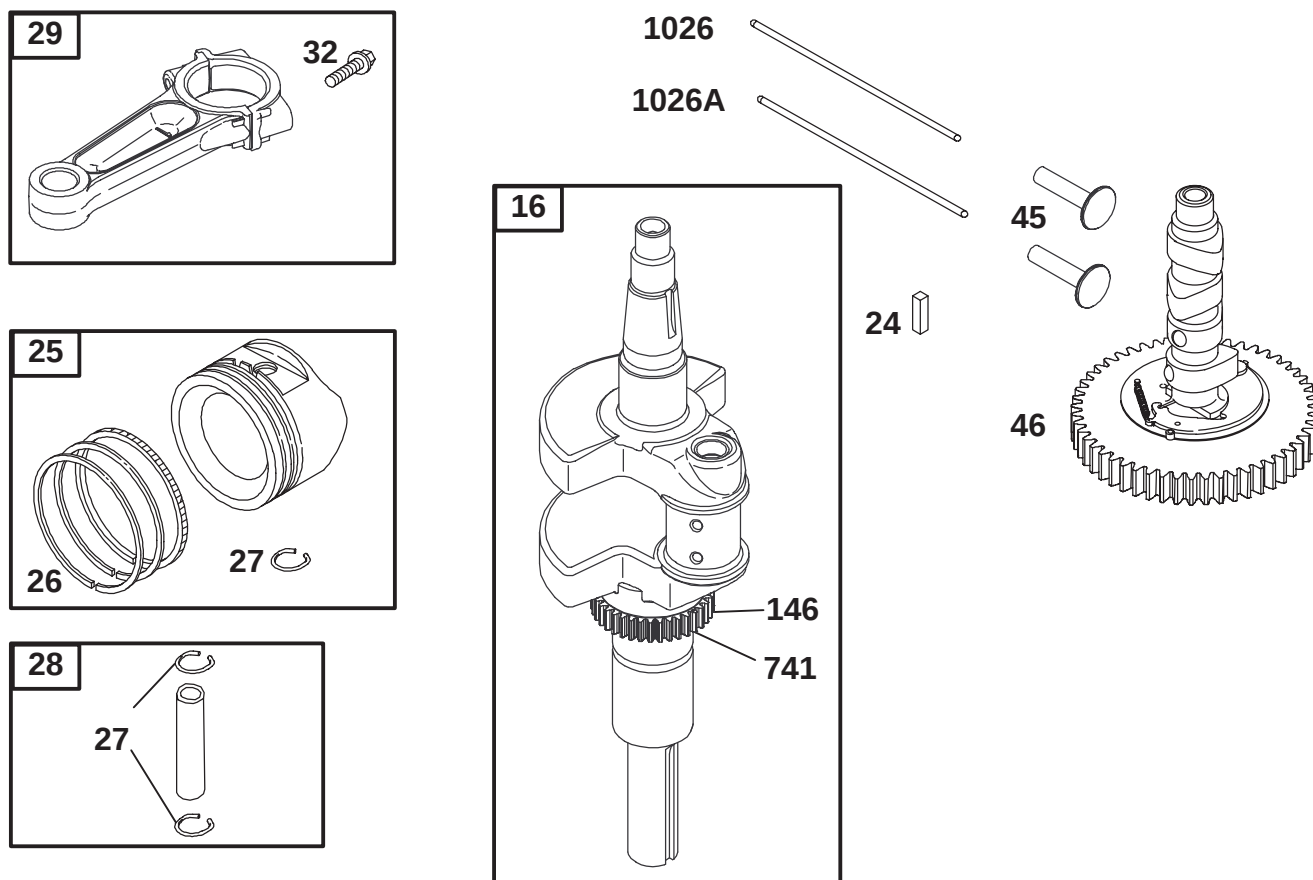
| Ref. No. | Part No. | Qty. | Description                 |
|----------|----------|------|-----------------------------|
| 5        | 499587   | 1    | Cylinder Head (Cylinder #1) |
| 5A       | 499595   | 1    | Cylinder Head (Cylinder #2) |
| ★Δ7      | 690962   | 1    | Cylinder Head Gasket        |
| 13       | 690360   | 1    | Screw (Cylinder Head)       |
| 33       | 499596   | 1    | Exhaust Valve               |
| 34       | 499597   | 1    | Intake Valve                |
| 35       | 690963   | 1    | Valve Spring (Intake)       |
| 36       | 690963   | 1    | Valve Spring (Exhaust)      |
| 40       | 263215   | 1    | Valve Retainer              |
| 42       | 499586   | 1    | Valve Keeper                |
| ●★Δ51    | 273487   | 1    | Intake Gasket               |
| 192      | 690083   | 1    | Rocker Arm Adjuster         |
| 337      | 691043   | 1    | Spark Plug                  |
| 383      | 19374    | 1    | Spark Plug Wrench           |
| 635      | 66538    | 1    | Spark Plug Boot             |
| 798      | 690967   | 1    | Screw (Rocker Arm)          |
| ★Δ868    | 690968   | 1    | Valve Seal                  |
| 871      | 690969   | 1    | Guide Bushing               |
| ★Δ883    | 690970   | 1    | Exhaust Gasket              |

| Ref. No. | Part No. | Qty. | Description                    |
|----------|----------|------|--------------------------------|
| 914      | 690960   | 1    | Screw (Rocker Arm Cover)       |
| ★Δ1022   | 273486   | 1    | Rocker Cover Gasket            |
| 1023     | 499599   | 1    | Rocker Arm Cover (Cylinder #1) |
| 1023A    | 499600   | 1    | Rocker Arm Cover (Cylinder #2) |
| 1029     | 690972   | 1    | Rocker Arm                     |
| 1100     | 690973   | 1    | Rocker Arm Pivot               |

Δ Included in Valve Overhaul Kit—Ref. 1033.

● Included in Carburetor Kit—Ref. 121

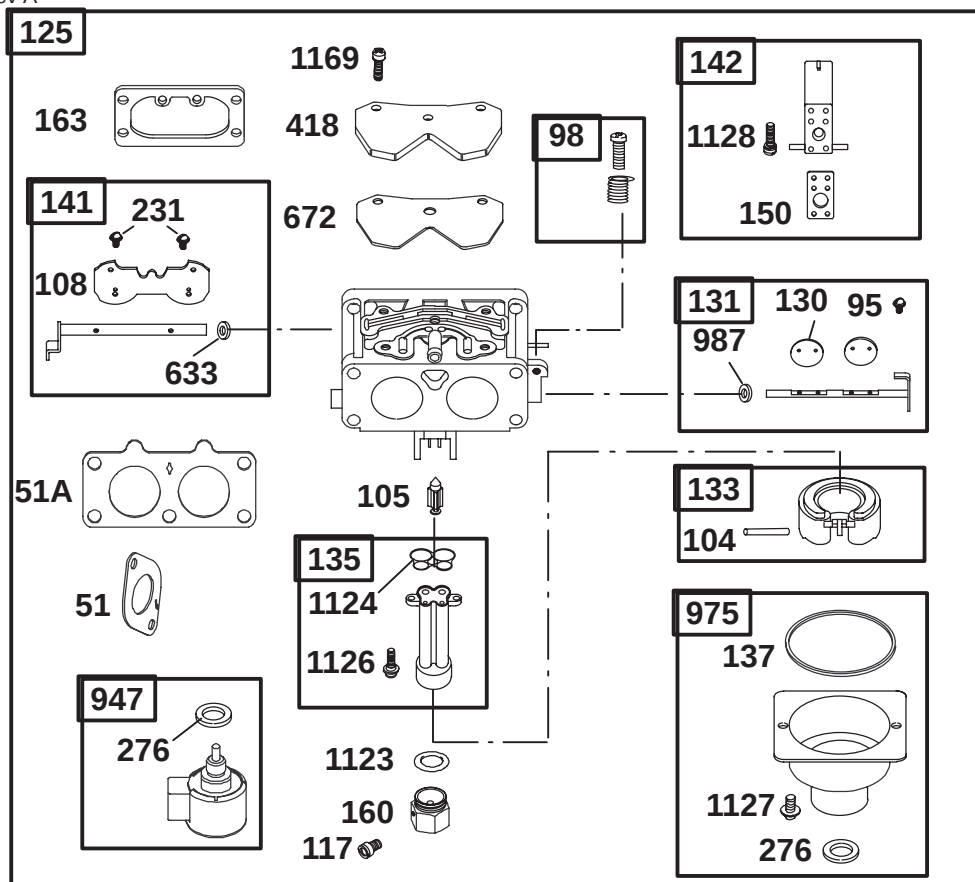
★ Included in Gasket Set—Ref. 358.



Assemblies include all parts shown in frames.

## Engine Briggs & Stratton Model 406770-0157-E1

| Ref. No. | Part No. | Qty. | Description                               | Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------------------------------------|----------|----------|------|-------------|
| 16       | 691046   | 1    | Crankshaft                                |          |          |      |             |
| 24       | 222698   | 1    | Flywheel Key                              |          |          |      |             |
| 25       | 499588   | 1    | Piston Assembly (Standard)                |          |          |      |             |
|          |          |      | _____ Note _____                          |          |          |      |             |
|          | 499589   | 1    | Piston Assembly (.010 Oversize)           |          |          |      |             |
|          | 499590   | 1    | Piston Assembly (.020 Oversize)           |          |          |      |             |
|          | 499591   | 1    | Piston Assembly (.030 Oversize)           |          |          |      |             |
| 26       | 499604   | 1    | Ring Set (Standard)                       |          |          |      |             |
|          |          |      | _____ Note _____                          |          |          |      |             |
|          | 499605   | 1    | Ring Set (.010 Oversize) (Connecting Rod) |          |          |      |             |
| 45       | 262679   | 1    | Valve Tappet                              |          |          |      |             |
| 46       | 690978   | 1    | Camshaft                                  |          |          |      |             |
| 146      | 94388    | 1    | Timing Key                                |          |          |      |             |
| 741      | 690980   | 1    | Timing Gear                               |          |          |      |             |
| 1026     | 690981   | 1    | Push Rod (Steel)                          |          |          |      |             |
| 1026A    | 690982   | 1    | Push Rod (Aluminum)                       |          |          |      |             |



Assemblies include all parts shown in frames.

## Engine Briggs & Stratton Model 406777-0157-E1

| Ref. No. | Part No. | Qty. | Description                 |
|----------|----------|------|-----------------------------|
| ●★△51    | 273487   | 1    | Intake Gasket               |
| ★●◆51A   | 690950   | 1    | Intake Gasket               |
| 95       | 690718   | 1    | Screw                       |
| 98       | 499802   | 1    | Idle Speed Kit              |
| ●104     | 690984   | 1    | Float Hinge Pin             |
| ●105     | 690985   | 1    | Float Needle Valve          |
| 108      | 690986   | 1    | Choke Valve                 |
| ●117     | 690232   | 1    | Main Jet                    |
|          |          |      | ———— Note ————              |
|          | 690989   | 1    | Main Jet<br>(High Altitude) |
| 125      | 499804   | 1    | Carburetor                  |
| 130      | 690993   | 1    | Throttle Valve              |
| 131      | 499805   | 1    | Throttle Shaft Kit          |
| 133      | 499806   | 1    | Carburetor Float            |
| 135      | 499803   | 1    | Fuel Transfer Tube          |
| ●◆137    | 690994   | 1    | Float Bowl Gasket           |
| 141      | 499807   | 1    | Choke Shaft Kit             |
| 142      | D499808  | 1    | Carburetor Nozzle           |
| ●◆150    | 690995   | 1    | Nozzle Gasket               |
| 160      | 690996   | 1    | Solenoid Retainer           |
| ★△163    | 273640   | 1    | Air Cleaner Gasket          |
| 231      | 690718   | 1    | Screw<br>(Choke Valve)      |
| ★●◆276   | 690997   | 1    | Sealing Washer              |

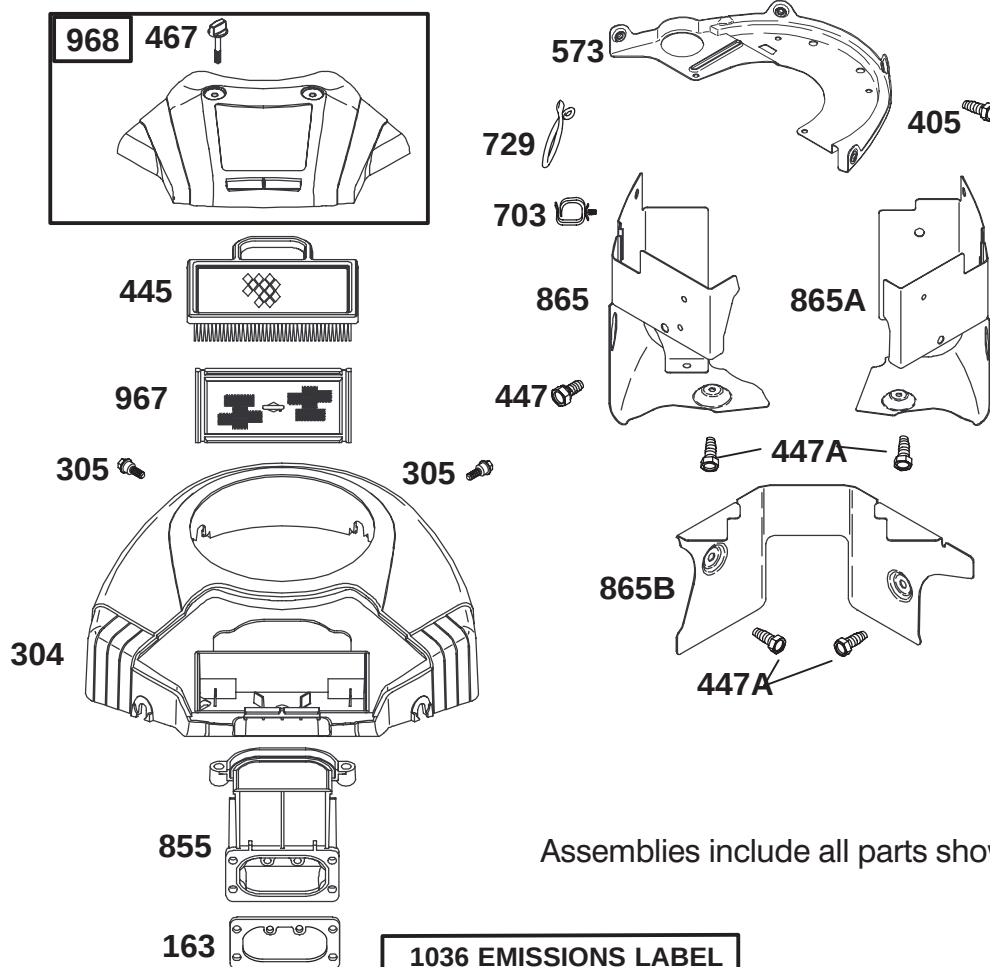
| Ref. No. | Part No. | Qty. | Description                          |
|----------|----------|------|--------------------------------------|
| 418      | 690999   | 1    | Carburetor Cover Plate               |
| ●◆633    | 690998   | 1    | Choke Shaft Seal                     |
| ●◆672    | 690234   | 1    | Carburetor Cover Plate<br>Gasket     |
| 947      | 499809   | 1    | Fuel Solenoid                        |
| 975      | 499810   | 1    | Float Bowl                           |
| ●◆987    | 691000   | 1    | Throttle Shaft Seal                  |
| ●◆1123   | 690987   | 1    | O-Ring Seal<br>(Solenoid Retainer)   |
| ●◆1124   | 690988   | 1    | O-Ring Seal<br>(Fuel Transfer Tube)  |
| 1126     | 690991   | 1    | Screw<br>(Fuel Transfer Tube)        |
| 1127     | 690992   | 1    | Screw<br>(Float Bowl)                |
| ●1128    | 690990   | 1    | Screw<br>(Carburetor Nozzle)         |
| ●1169    | 690990   | 1    | Screw<br>(Carburetor Cover<br>Plate) |

△ Included in Valve Overhaul Kit—Ref. 1033.

● Included in Carburetor Kit—Ref. 121

★ Included in Gasket Set—Ref. 358.

◆ Included in Carburetor Gasket Set—Ref. 977.



Assemblies include all parts shown in frames.

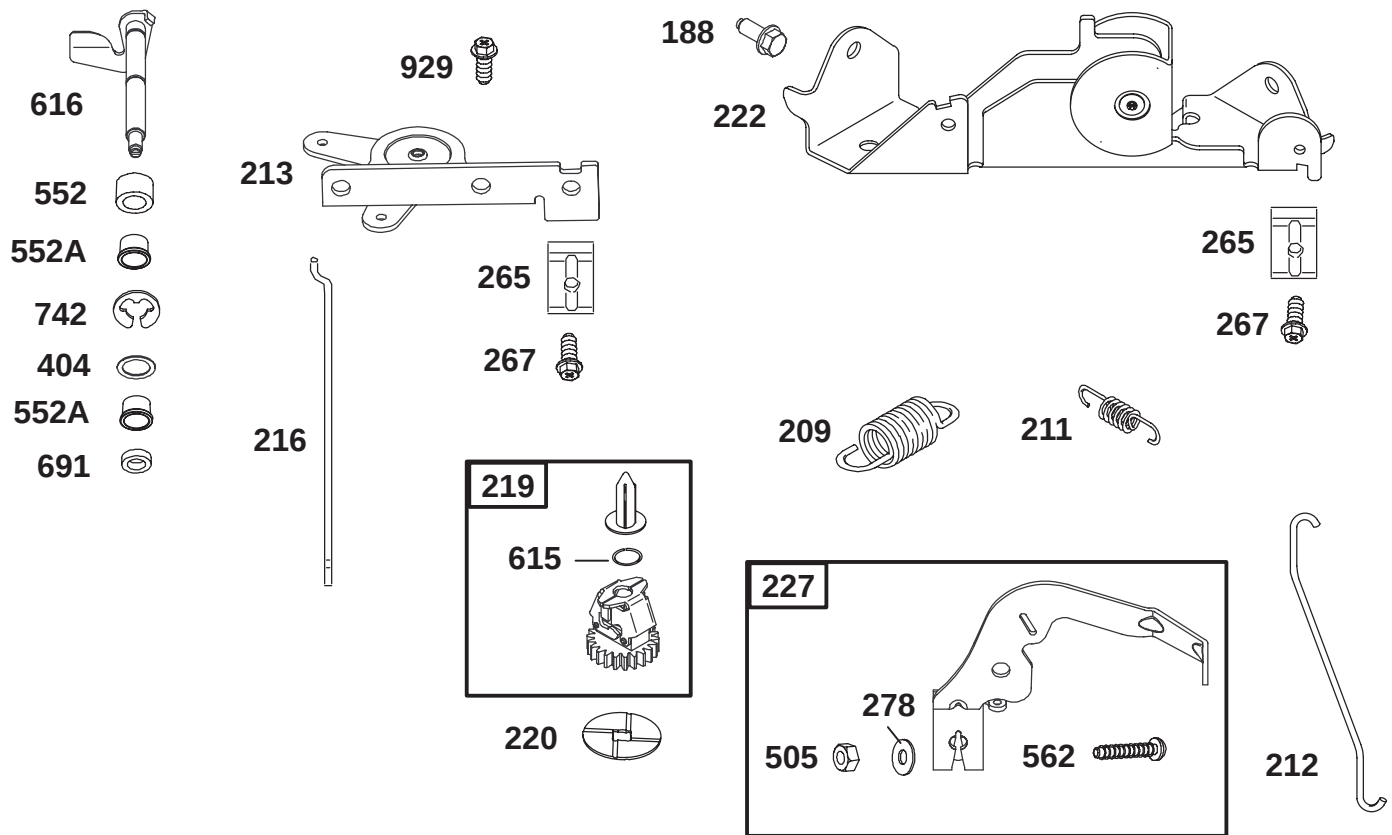
# Engine Briggs & Stratton Model 406777-0157-E1

| Ref. No. | Part No. | Qty. | Description                      |
|----------|----------|------|----------------------------------|
| ★Δ163    | 273640   | 1    | Air Cleaner Gasket               |
| 304      | 691004   | 1    | Blower Housing                   |
| 305      | 691005   | 1    | Screw<br>(Blower Housing)        |
| 405      | 690960   | 1    | Screw<br>(Back Plate)            |
| 445      | 499486   | 1    | Air Cleaner Cartridge<br>Filter  |
| 447      | 94930    | 1    | Screw<br>(Air Guide Cover)       |
| 447A     | 690960   | 1    | Screw<br>(Air Guide Cover)       |
| 467      | 691008   | 1    | Air Cleaner Knob                 |
| 573      | 691009   | 1    | Back Plate                       |
| 703      | 691010   | 1    | Clip                             |
| 729      | 694123   | 1    | Wire Clip                        |
| 855      | 691011   | 1    | Air Adapter                      |
| 865      | 691012   | 1    | Air Guide Cover<br>(Cylinder #1) |
| 865A     | 691014   | 1    | Air Guide Cover<br>(Cylinder #2) |
| 865B     | 691015   | 1    | Air Guide Cover                  |
| 967      | 273638   | 1    | Pre Cleaner Filter               |
| 968      | 499788   | 1    | Air Cleaner Cover                |
| 1036     | 694390   | 1    | Emission Label                   |

Δ Included in Valve Overhaul Kit—Ref. 1033.

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

★ Included in Gasket Set—Ref. 358.



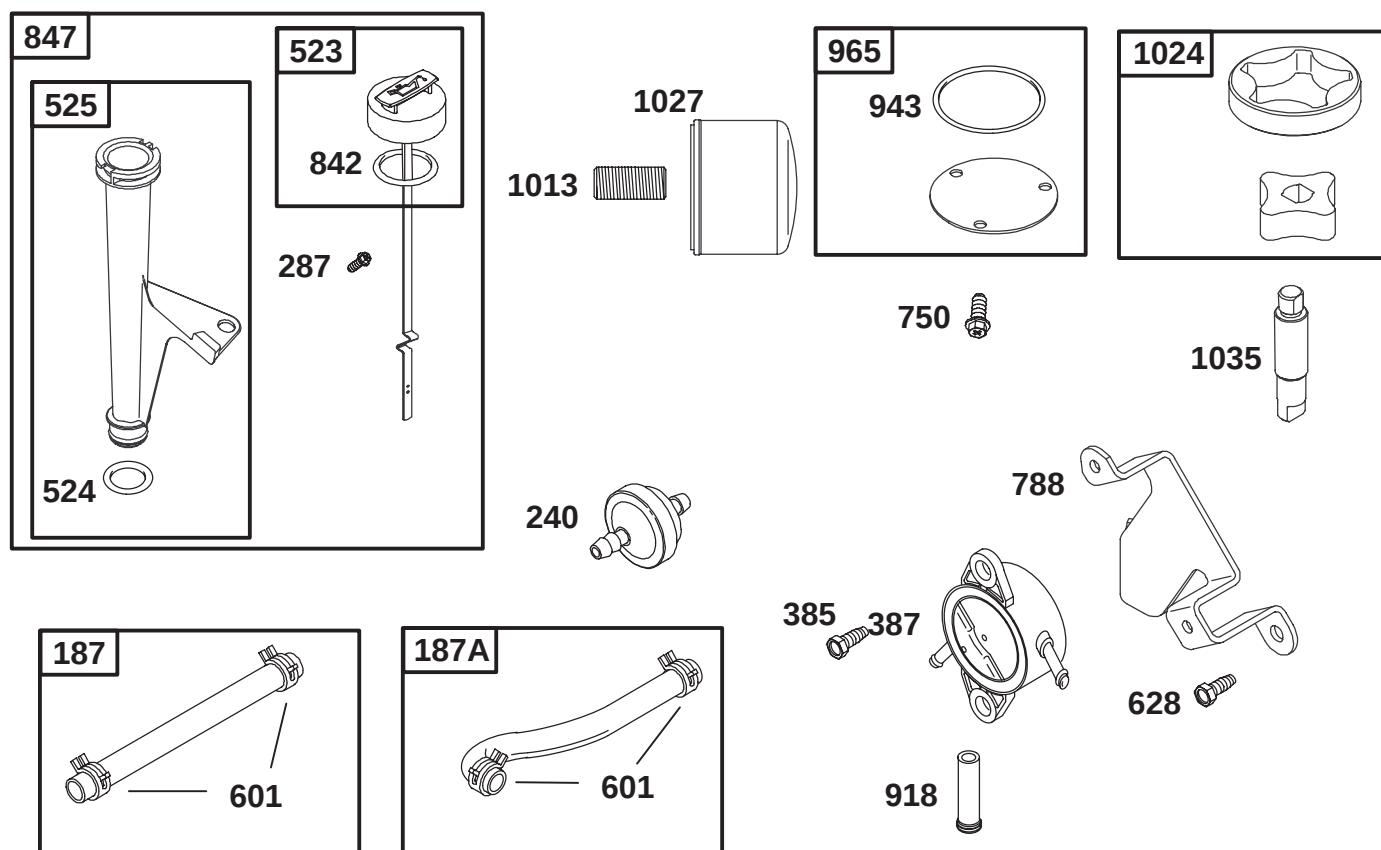
Assemblies include all parts shown in frames.

## Engine Briggs & Stratton Model 406777-0157-E1

| Ref. No. | Part No. | Qty. | Description                           |
|----------|----------|------|---------------------------------------|
| 188      | 690960   | 1    | Screw<br>(Control Bracket)            |
| 209      | 691018   | 1    | Governor Spring                       |
| 211      | 691019   | 1    | Governed Idle Spring                  |
| 212      | 691020   | 1    | Throttle Link                         |
| 213      | 691021   | 1    | Choke Control Bracket                 |
| 216      | 691022   | 1    | Choke Link                            |
| 219      | 394348   | 1    | Governor Gear                         |
| 220      | 690412   | 1    | Washer<br>(Governor Gear)             |
| 222      | 691023   | 1    | Control Bracket                       |
| 227      | 691048   | 1    | Governor Control Lever                |
| 265      | 221535   | 1    | Casing Clamp                          |
| 267      | 691044   | 1    | Screw<br>(Casing Clamp)               |
| 278      | 94942    | 1    | Washer<br>(Governor Control<br>Lever) |
| 404      | 690442   | 1    | Washer<br>(Governor Crank)            |
| 505      | 92278    | 1    | Nut<br>(Governor Control<br>Lever)    |
| 552      | 690552   | 1    | Governor Crank<br>Bushing             |

| Ref. No. | Part No. | Qty. | Description                         |
|----------|----------|------|-------------------------------------|
| 552A     | 690553   | 1    | Governor Crank<br>Bushing           |
| 562      | 690311   | 1    | Bolt<br>(Governor Control<br>Lever) |
| 615      | 690317   | 1    | Governor Shaft<br>Retainer          |
| 616      | 691045   | 1    | Governor Crank                      |
| ★691     | 690657   | 1    | Governor Shaft Seal                 |
| 742      | 690328   | 1    | E-Ring Retainer                     |
| 929      | 94930    | 1    | Screw<br>(Choke Control<br>Bracket) |

★ Included in Gasket Set-Ref. 358.



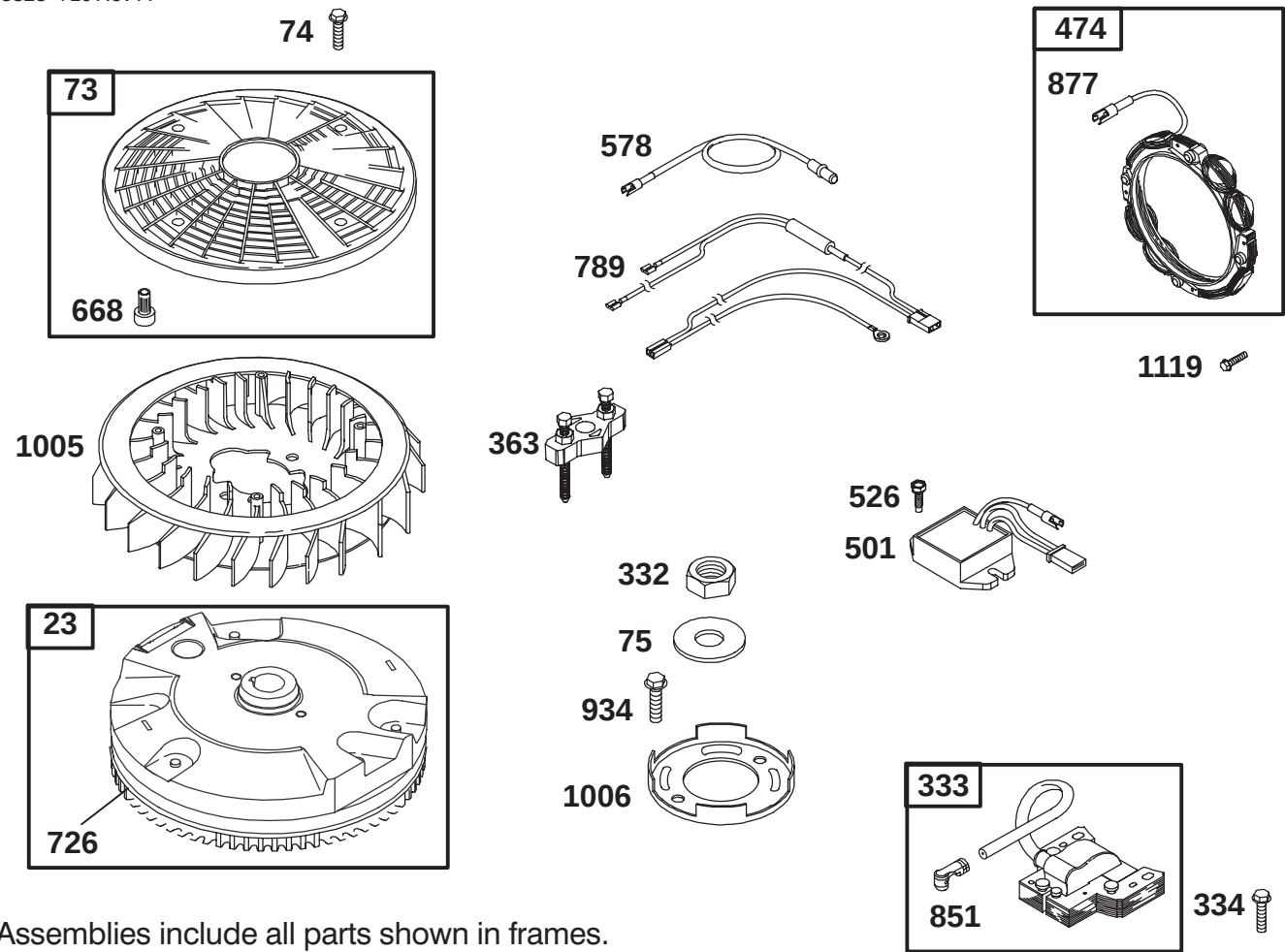
Assemblies include all parts shown in frames.

## Engine Briggs & Stratton Model 406777-0157-E1

| Ref. No. | Part No. | Qty. | Description                           |
|----------|----------|------|---------------------------------------|
| 187      | 398367   | 1    | Fuel Line<br>(Cut to Required Length) |
| 187A     | 691049   | 1    | Fuel Line                             |
| 240      | 691035   | 1    | Fuel Filter                           |
| 287      | 690960   | 1    | Screw<br>(Dipstick Tube)              |
| 385      | 690960   | 1    | Screw<br>(Fuel Pump)                  |
| 387      | 808656   | 1    | Fuel Pump                             |
| 523      | 691036   | 1    | Dipstick                              |
| ★524     | 691032   | 1    | Dipstick Tube Seal                    |
| 525      | 691037   | 1    | Dipstick Tube                         |
| 601      | 95162    | 1    | Hose Clamp                            |
| 628      | 690960   | 1    | Screw<br>(Fuel Pump Bracket)          |
| 750      | 691033   | 1    | Screw<br>(Oil Pump Cover)             |
| 788      | 691039   | 1    | Fuel Pump Bracket                     |
| ★842     | 280393   | 1    | Dipstick/Tube Seal                    |
| 847      | 499602   | 1    | Dipstick/Tube Assembly                |
| 918      | 694000   | 1    | Vacuum Hose                           |
| ★943     | 690589   | 1    | O-Ring Seal<br>(Oil Pump Cover)       |
| 965      | 499613   | 1    | Oil Pump Cover                        |

| Ref. No. | Part No. | Qty. | Description       |
|----------|----------|------|-------------------|
| 1013     | 690954   | 1    | Oil Filter Nipple |
| 1024     | 499054   | 1    | Oil Pump          |
| 1027     | 492932   | 1    | Oil Filter        |
| 1035     | 691042   | 1    | Pump Shaft        |

★ Included in Gasket Set-Ref. 358.

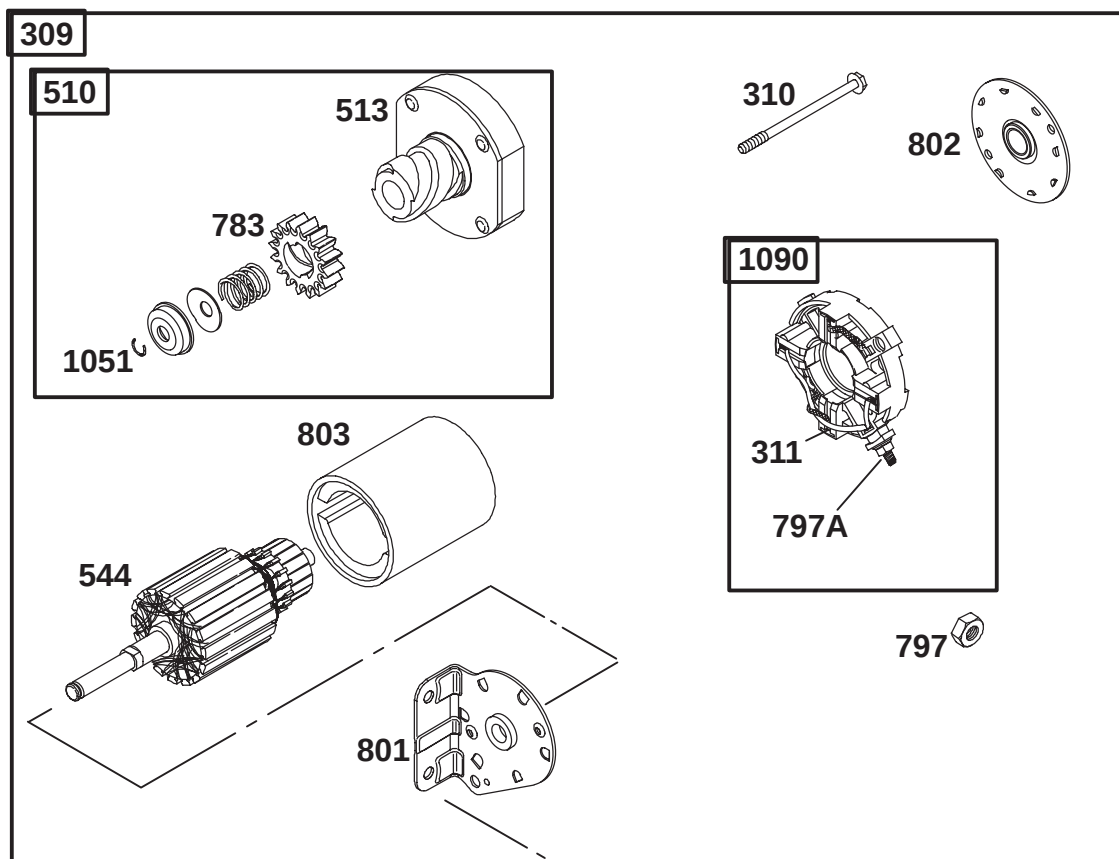


Assemblies include all parts shown in frames.

# Engine Briggs & Stratton Model 406777-0157-E1

| Ref. No. | Part No. | Qty. | Description                                       |
|----------|----------|------|---------------------------------------------------|
| 23       | 691053   | 1    | Flywheel                                          |
| 73       | 691055   | 1    | Rotating Screen                                   |
| 74       | 691057   | 1    | Screw<br>(Rotating Screen)                        |
| 75       | 691056   | 1    | Washer<br>(Flywheel)                              |
| 332      | 230674   | 1    | Nut<br>(Flywheel)                                 |
| 333      | 691060   | 1    | Magneto Armature                                  |
| 334      | 691061   | 1    | Screw<br>(Magneto Armature)                       |
| 363      | 691062   | 1    | Flywheel Puller                                   |
| 474      | 392595   | 1    | Alternator<br>(Regulated)                         |
| 501      | 491546   | 1    | Regulator<br>(Regulated-16 Amp)                   |
| 526      | 691129   | 1    | Screw<br>(Regulator)                              |
| 578      | 691208   | 1    | Wire Assembly                                     |
| 668      | 691215   | 1    | Spacer                                            |
| 726      | 499612   | 1    | Ring Gear                                         |
| 789      | 691220   | 1    | Wiring Harness                                    |
| 851      | 493880   | 1    | Spark Plug Terminal                               |
| 877      | 393537   | 1    | Alternator<br>Connector/Wire<br>(Regulated-9 Amp) |

| Ref. No. | Part No. | Qty. | Description             |
|----------|----------|------|-------------------------|
| 934      | 94627    | 1    | Screw<br>(Fan Retainer) |
| 1005     | 691243   | 1    | Flywheel Fan            |
| 1006     | 691247   | 1    | Fan Retainer            |
| 1119     | 93621    | 1    | Screw<br>(Alternator)   |



Assemblies include all parts shown in frames.

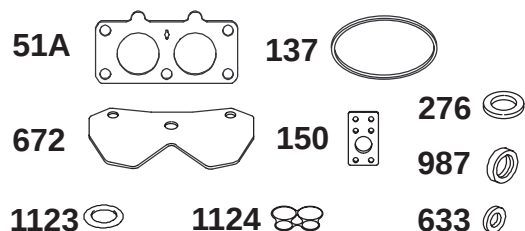


# Engine Briggs & Stratton Model 406777-0157-E1

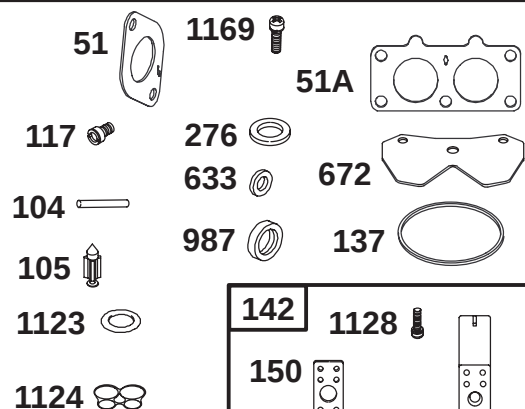
| Ref. No. | Part No. | Qty. | Description                                                    |
|----------|----------|------|----------------------------------------------------------------|
| 309      | 691262   | 1    | Starter Motor                                                  |
| 310      | 691263   | 1    | Bolt<br>(Starter Motor)                                        |
| 311      | 497608   | 1    | Brush Set                                                      |
| 510      | 497606   | 1    | Starter Drive                                                  |
| 513      | 398003   | 1    | Drive Clutch                                                   |
| 544      |          | 1    | Starter Armature<br>(Serviced By 691262<br>Starter Motor Only) |
| 697      | 690372   | 1    | Screw<br>(Starter Drive Cap)                                   |
| 783      | 693058   | 1    | Pinion Gear                                                    |
| 797      | 92278    | 1    | Nut<br>(Brush Retainer)                                        |
| 797A     | 693167   | 1    | Nut<br>(Brush Retainer)                                        |
| 801      | 691283   | 1    | Drive Cap                                                      |
| 802      | 497607   | 1    | End Cap                                                        |
| 803      |          | 1    | Starter Housing<br>(Serviced By 691262<br>Starter Motor Only)  |
| 1051     | 263080   | 1    | Retaining Ring                                                 |
| 1090     | 497605   | 1    | Brush Retainer                                                 |

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

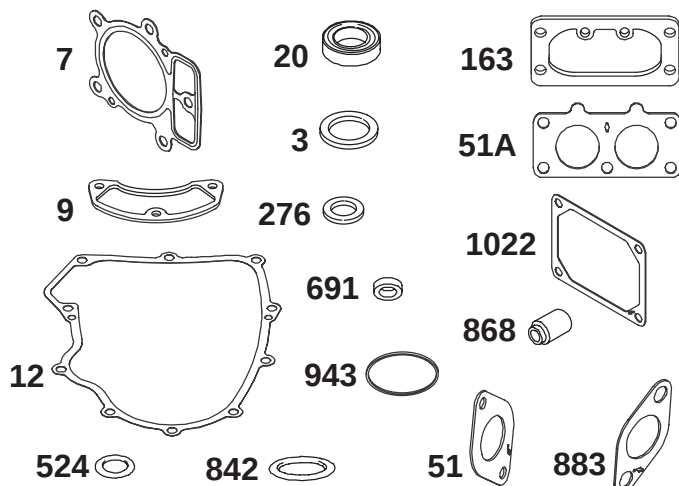
### ◆977 CARBURETOR GASKET SET



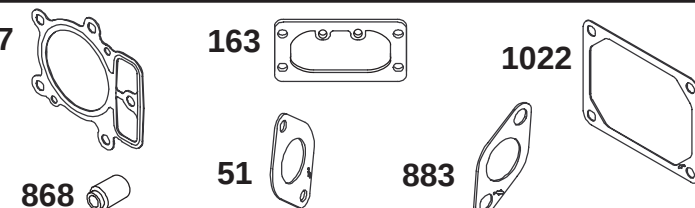
## 121 CARBURETOR OVERHAUL KIT



★ 358 ENGINE GASKET SET



## △ 1033 VALVE OVERHAUL KIT



Assemblies include all parts shown in frames.

# Engine Briggs & Stratton Model 406777-0157-E1

| Ref. No. | Part No. | Qty. | Description                           |
|----------|----------|------|---------------------------------------|
| ★3       | 391086   | 1    | Oil Seal<br>(Magneto Side)            |
| ★Δ7      | 690962   | 1    | Cylinder Head Gasket                  |
| ★9       | 273370   | 1    | Breather Gasket                       |
| ★12      | 273488   | 1    | Crankcase Gasket                      |
| ★20      | 690947   | 1    | Oil Seal<br>(PTO Side)                |
| ●★Δ51    | 273487   | 1    | Intake Gasket                         |
| ★●◆51A   | 690950   | 1    | Intake Gasket                         |
| ●104     | 690984   | 1    | Float Hinge Pin                       |
| ●105     | 690985   | 1    | Float Needle Valve                    |
| ●117     | 690232   | 1    | Main Jet                              |
| 121      | 499811   | 1    | Carburetor Overhaul<br>Kit            |
| ●◆137    | 690994   | 1    | Float Bowl Gasket                     |
| ●142     | 499808   | 1    | Carburetor Nozzle                     |
| ●◆150    | 690995   | 1    | Nozzle Gasket                         |
| ★Δ163    | 273640   | 1    | Air Cleaner Gasket                    |
| ★●◆276   | 690997   | 1    | Sealing Washer                        |
| 358      | 499889   | 1    | Engine Gasket Set                     |
| ★524     | 691032   | 1    | Dipstick Tube Seal<br>(Dipstick Tube) |
| ●◆633    | 690998   | 1    | Choke Shaft Seal                      |
| ●◆672    | 690234   | 1    | Carburetor Cover Plate<br>Gasket      |
| ★691     | 690657   | 1    | Governor Shaft Seal                   |

| Ref. No. | Part No. | Qty. | Description                          |
|----------|----------|------|--------------------------------------|
| ★842     | 280393   | 1    | Dipstick/Tube Seal                   |
| ★△868    | 690968   | 1    | Valve Seal                           |
| ★△883    | 690970   | 1    | Exhaust Gasket                       |
| ★943     | 690589   | 1    | O-Ring Seal<br>(Oil Pump Cover)      |
| 977      | 499812   | 1    | Carburetor Gasket Set                |
| ●◆987    | 691000   | 1    | Throttle Shaft Seal                  |
| ★△1022   | 273486   | 1    | Rocker Cover Gasket                  |
| 1033     | 499890   | 1    | Valve Overhaul Kit                   |
| ●◆1123   | 690987   | 1    | O-Ring Seal<br>(Solenoid Retainer)   |
| ●◆1124   | 690988   | 1    | O-Ring Seal<br>(Fuel Transfer Tube)  |
| ●1128    | 690990   | 1    | Screw<br>(Carburetor Nozzle)         |
| ●1169    | 690990   | 1    | Screw<br>(Carburetor Cover<br>Plate) |

Δ Included in Valve Overhaul Kit—Ref. 1033.

- Included in Carburetor Kit—Ref. 121

★ Included in Gasket Set—Ref. 358.

◆ Included in Caburetor Gasket Set—Ref. 977.





## Maintenance Record

[illegible]

