



## CCR<sup>™</sup> 2450 GTS<sup>®</sup> Snowthrower

Model No. 38515 - 240000001 and up.

### Parts Catalog

#### 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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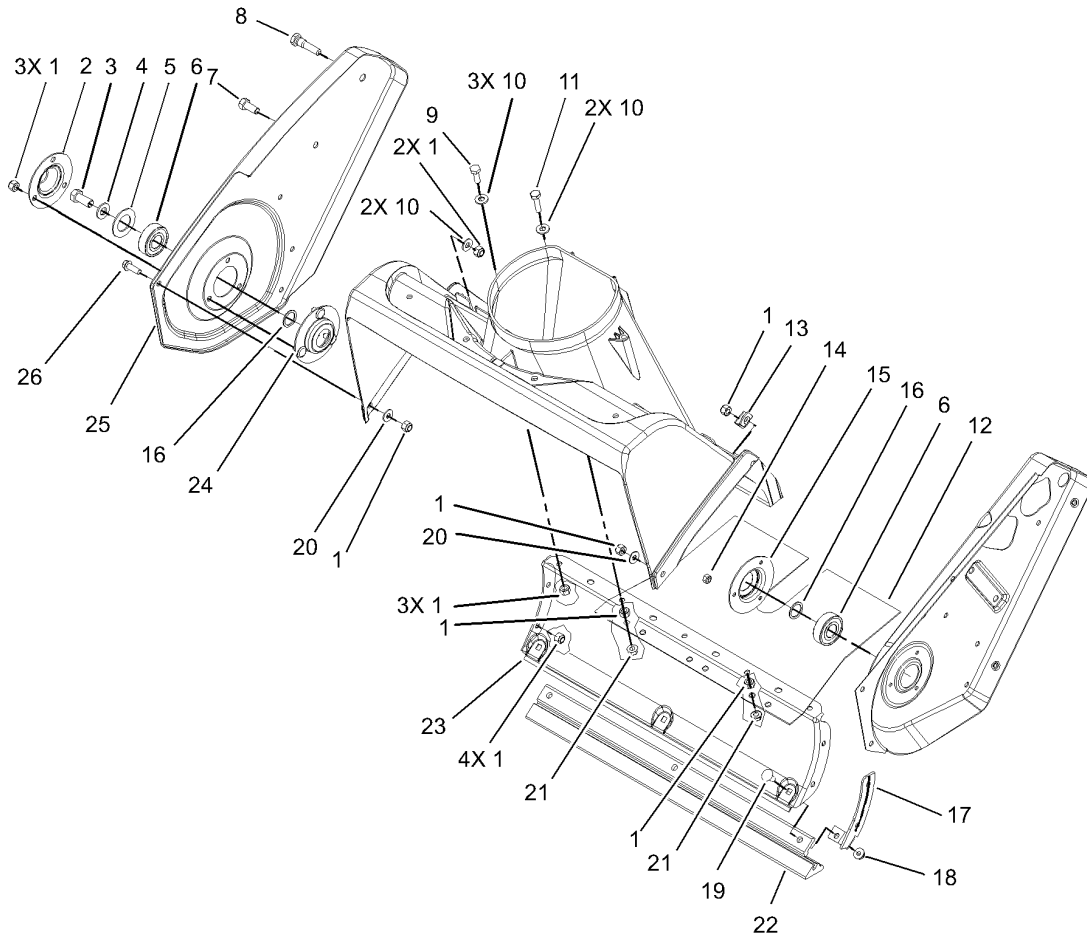
## Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

|                                            |                                              |
|--------------------------------------------|----------------------------------------------|
| AR. .... as required                       | INC. .... incorporated                       |
| ASM. .... assembly                         | LH. .... left hand                           |
| BBC. .... blade brake clutch               | NI. .... nylon insert                        |
| CARR. .... carriage                        | NPTF. .... national pipe thread fine         |
| DEG. .... degrees                          | PFH. .... phillips flat head                 |
| EXT. .... external                         | PPH. .... phillips pan head                  |
| FH. .... flat head                         | PPHTF. .... phillips pan head thread forming |
| GA. .... gauge                             | PRH. .... phillips round head                |
| HF. .... hex flange                        | PTH. .... phillips truss head                |
| HH. .... hex head                          | PTO. .... power-take-off                     |
| HHF. .... hex head flange                  | RH. .... right hand                          |
| HHFTF. .... hex head flange thread forming | ROPS. .... roll-over-protection-system       |
| HJ. .... hex jam                           | SFH. .... slotted fillister head             |
| HLH. .... hex lag head                     | SHH. .... slotted hex head                   |
| HOC. .... height-of-cut                    | SHWH. .... slotted hex washer head           |
| HSBH. .... hex socket button head          | SPH. .... slotted pan head                   |
| HSFH. .... hex socket flat head            | SQH. .... square head                        |
| HSH. .... hex socket head                  | SRH. .... slotted round head                 |
| HWH. .... hex washer head                  | STD. .... standard                           |
| HWHTF. .... hex washer head thread forming | TAP. .... self tapping                       |
| HYD. .... hydraulic                        | TTH. .... torx truss head                    |

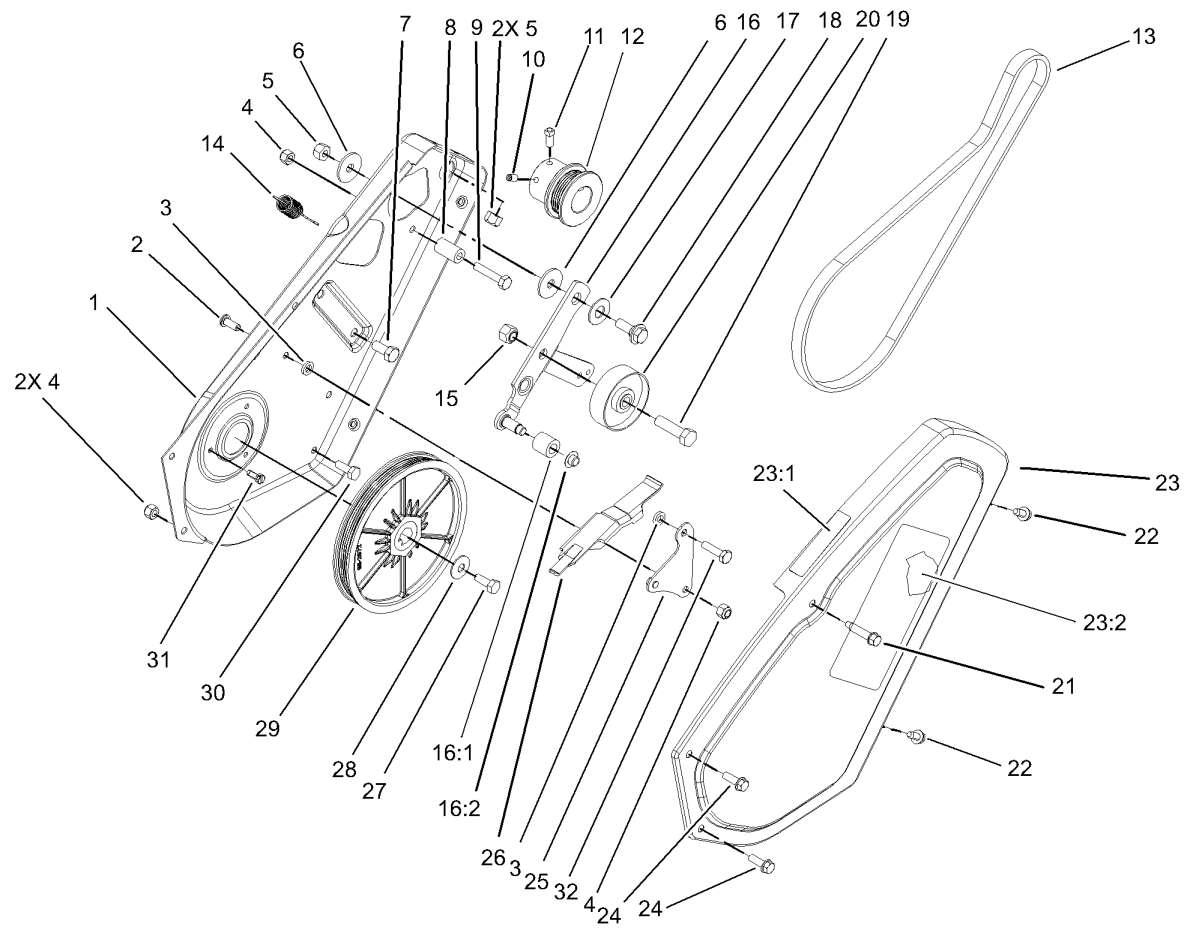
## Footnotes

- ❶ Not serviced separately
- ❷ Obtain from your local Briggs & Stratton dealer



## Housing and Side Plate Assembly

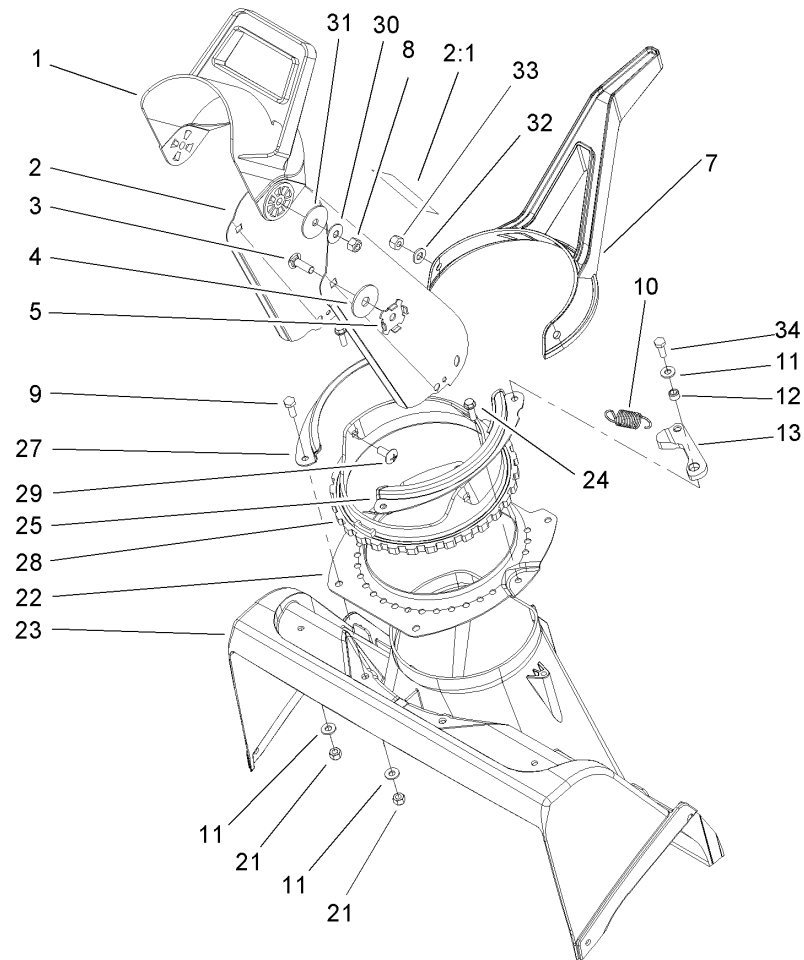
| Ref | Part No.    | Qty. | Description            | Ref | Part No.    | Qty. | Description     |
|-----|-------------|------|------------------------|-----|-------------|------|-----------------|
| 1   | 3296-42     | 17   | Nut-Lock, NI           | 25  | 105-1952-03 | 1    | Sideplate-Right |
| 2   | 52-7290-03  | 1    | Retainer-Bearing       | 26  | 32105-15    | 5    | Screw           |
| 3   | 3234-25     | 1    | Screw-HHF              |     |             |      |                 |
| 4   | 3256-24     | 1    | Washer-Flat            |     |             |      |                 |
| 5   | 52-7270     | 1    | Washer-Rubber          |     |             |      |                 |
| 6   | 100-1048    | 2    | Bearing-Ball           |     |             |      |                 |
| 7   | 322-43      | 1    | Screw-HH               |     |             |      |                 |
| 8   | 38-8211     | 1    | Pin-Rotor              |     |             |      |                 |
| 9   | 321-4       | 3    | Screw-HH               |     |             |      |                 |
| 10  | 3256-22     | 7    | Washer-Flat            |     |             |      |                 |
| 11  | 321-6       | 2    | Screw-HH               |     |             |      |                 |
| 12  | 55-9512     | 1    | Cover-Bottom           |     |             |      |                 |
| 13  | 55-9430     | 1    | Bracket-Housing        |     |             |      |                 |
| 14  | 3296-2      | 3    | Nut-Lock               |     |             |      |                 |
| 15  | 38-8620     | 1    | Flange-Bearing         |     |             |      |                 |
| 16  | 52-7280     | 2    | Washer-Thrust          |     |             |      |                 |
| 17  | 56-2610     | 1    | Bracket-Housing, Lower |     |             |      |                 |
| 18  | 32149-2     | 3    | Nut-Keps               |     |             |      |                 |
| 19  | 3229-11     | 3    | Screw-CARR             |     |             |      |                 |
| 20  | 3256-1      | 2    | Washer-Flat            |     |             |      |                 |
| 21  | 32128-10    | 2    | Nut-Lock, HHF          |     |             |      |                 |
| 22  | 55-8760     | 1    | Scraper                |     |             |      |                 |
| 23  | 105-1967-03 | 1    | Housing-Lower          |     |             |      |                 |
| 24  | 52-9110     | 1    | Flange-Bearing         |     |             |      |                 |



Impeller Drive Assembly

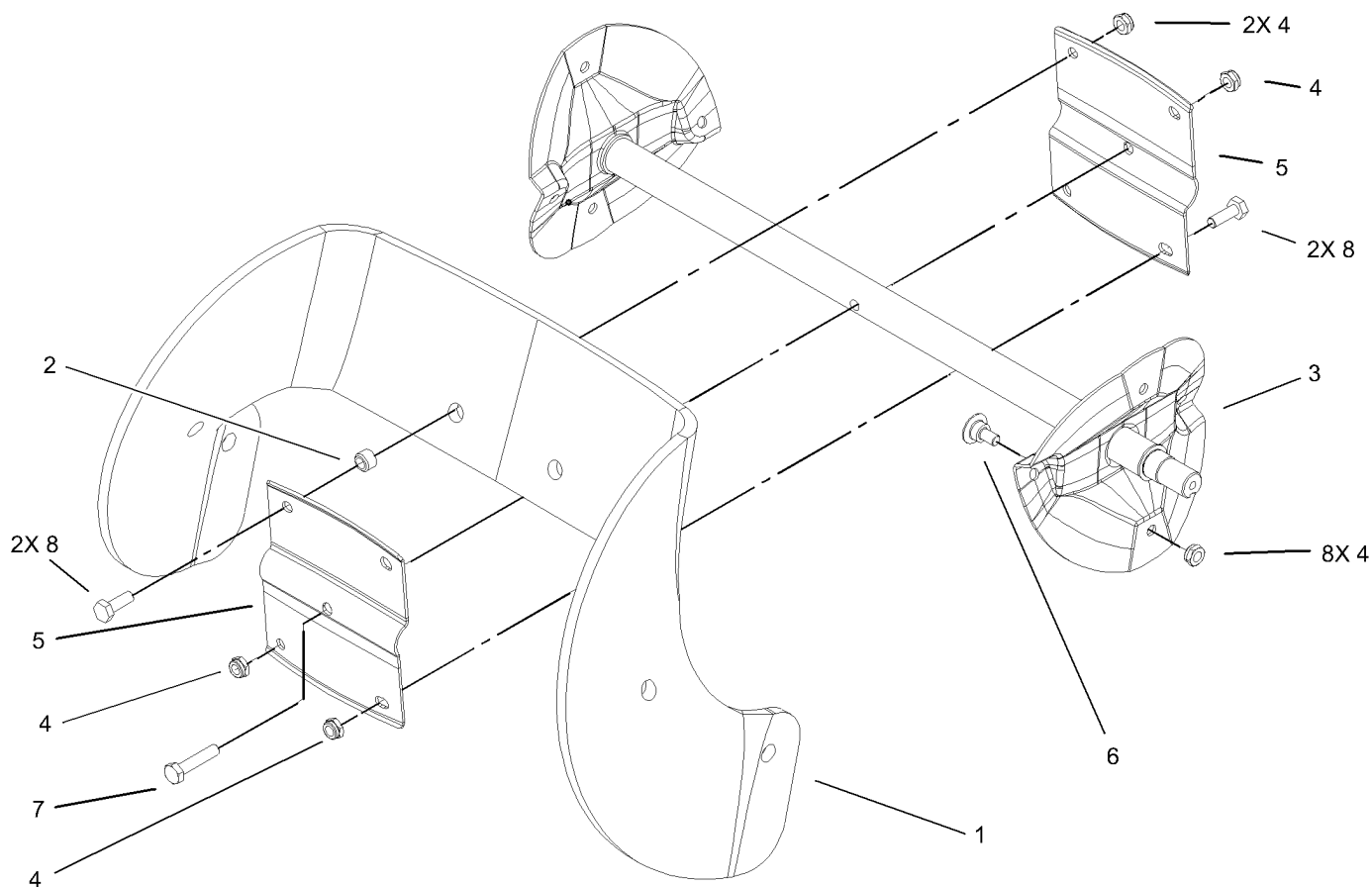
| Ref  | Part No.   | Qty. | Description         |
|------|------------|------|---------------------|
| 1    | 55-8851-03 | 1    | Plate-Side, LH      |
| 2    | 3274-31    | 1    | Screw-HSBH          |
| 3    | 55-9620    | 2    | Spacer-Plate, Pivot |
| 4    | 3296-42    | 4    | Nut-Lock, NI        |
| 5    | 3296-29    | 3    | Nut-Lock, NI        |
| 6    | 5-4460     | 2    | Washer-Pivot        |
| 7    | 322-3      | 2    | Screw-HH            |
| 8    | 55-9530    | 1    | Sleeve-Guide, Belt  |
| 9    | 321-13     | 1    | Screw-HH            |
| 10   | 3245-41    | 1    | Screw-HSH           |
| 11   | 3241-7     | 1    | Screw-SQH           |
| 12   | 95-2673    | 1    | Pulley-Engine       |
| 13   | 95-6151    | 1    | Belt-Drive          |
| 14   | 55-9280    | 1    | Spring-Extension    |
| 15   | 32152-2    | 1    | Nut-Lock, Cone      |
| 16   | 105-3542   | 1    | Idler Arm ASM       |
| 16:1 | 55-9520    | 1    | Roller-Brake        |
| 16:2 | 32112-11   | 1    | Nut-Push            |
| 17   | 25-5640    | 1    | Washer              |
| 18   | 27-0410    | 1    | Screw-Shoulder      |
| 19   | 323-29     | 1    | Screw-HH            |
| 20   | 55-9290    | 1    | Pulley-Idler        |
| 21   | 36-3860    | 1    | Screw-HWH, TAP      |
| 22   | 12-3270    | 2    | Screw               |

| Ref  | Part No. | Qty. | Description       |
|------|----------|------|-------------------|
| 23   | 105-1997 | 1    | Cover-Drive       |
| 23:1 | 104-2767 | 1    | Decal-Warning     |
| 23:2 | 60-9480  | 1    | Decal             |
| 24   | 32105-15 | 2    | Screw             |
| 25   | 55-9570  | 1    | Pivot Plate ASM   |
| 26   | 55-9550  | 1    | Brake-Arm         |
| 27   | 321-30   | 1    | Screw-HH          |
| 28   | 3290-456 | 1    | Washer-Belleville |
| 29   | 95-2672  | 1    | Pulley Rotor ASM  |
| 30   | 321-4    | 2    | Screw-HH          |
| 31   | 32105-8  | 3    | Screw-SHH         |
| 32   | 321-6    | 1    | Screw-HH          |



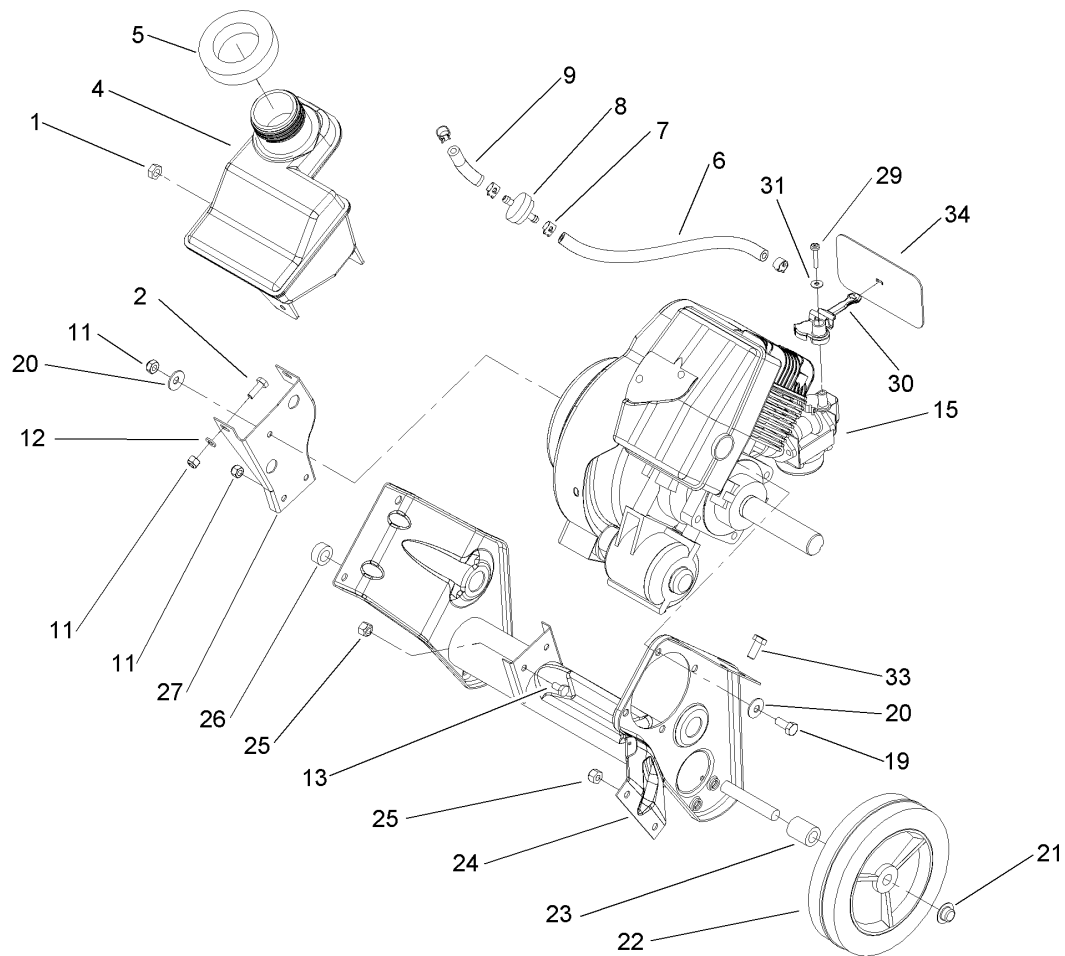
## Chute Assembly

| Ref | Part No.   | Qty. | Description           | Ref | Part No. | Qty. | Description  |
|-----|------------|------|-----------------------|-----|----------|------|--------------|
| 1   | 56-2680    | 1    | Chute-Deflector       | 33  | 3296-47  | 3    | Nut-Lock, NI |
| 2   | 104-4115   | 1    | Chute ASM             | 34  | 321-6    | 1    | Screw-HH     |
| 2:1 | 104-4135   | 1    | Decal-Danger          |     |          |      |              |
| 3   | 3230-22    | 2    | Screw-CARR            |     |          |      |              |
| 4   | 20-4320    | 2    | Washer-Rubber         |     |          |      |              |
| 5   | 55-8950    | 2    | Plate-Friction        |     |          |      |              |
| 7   | 94-9914    | 1    | Handle-Control, Chute |     |          |      |              |
| 8   | 3296-29    | 2    | Nut-Lock, NI          |     |          |      |              |
| 9   | 321-4      | 3    | Screw-HH              |     |          |      |              |
| 10  | 80-4600    | 1    | Spring-Extension      |     |          |      |              |
| 11  | 3256-22    | 5    | Washer-Flat           |     |          |      |              |
| 12  | 55-9370    | 1    | Spacer-Blade, Rotor   |     |          |      |              |
| 13  | 80-4610    | 1    | Detent                |     |          |      |              |
| 21  | 3296-42    | 6    | Nut-Lock, NI          |     |          |      |              |
| 22  | 55-8921-03 | 1    | Ring-Support, Chute   |     |          |      |              |
| 23  | 105-1950   | 1    | Housing-Rotor, Upper  |     |          |      |              |
| 24  | 46-8091    | 2    | Screw-HWH             |     |          |      |              |
| 25  | 71-4980-03 | 1    | Retainer-Chute, LH    |     |          |      |              |
| 27  | 71-4990-03 | 1    | Retainer-Chute, RH    |     |          |      |              |
| 28  | 104-2763   | 1    | Ring-Chute            |     |          |      |              |
| 29  | 100-5487   | 3    | Screw-PTH             |     |          |      |              |
| 30  | 3290-456   | 2    | Washer-Belleville     |     |          |      |              |
| 31  | 3256-68    | 2    | Washer-Flat           |     |          |      |              |
| 32  | 3256-70    | 3    | Washer-Flat           |     |          |      |              |



## Impeller Assembly

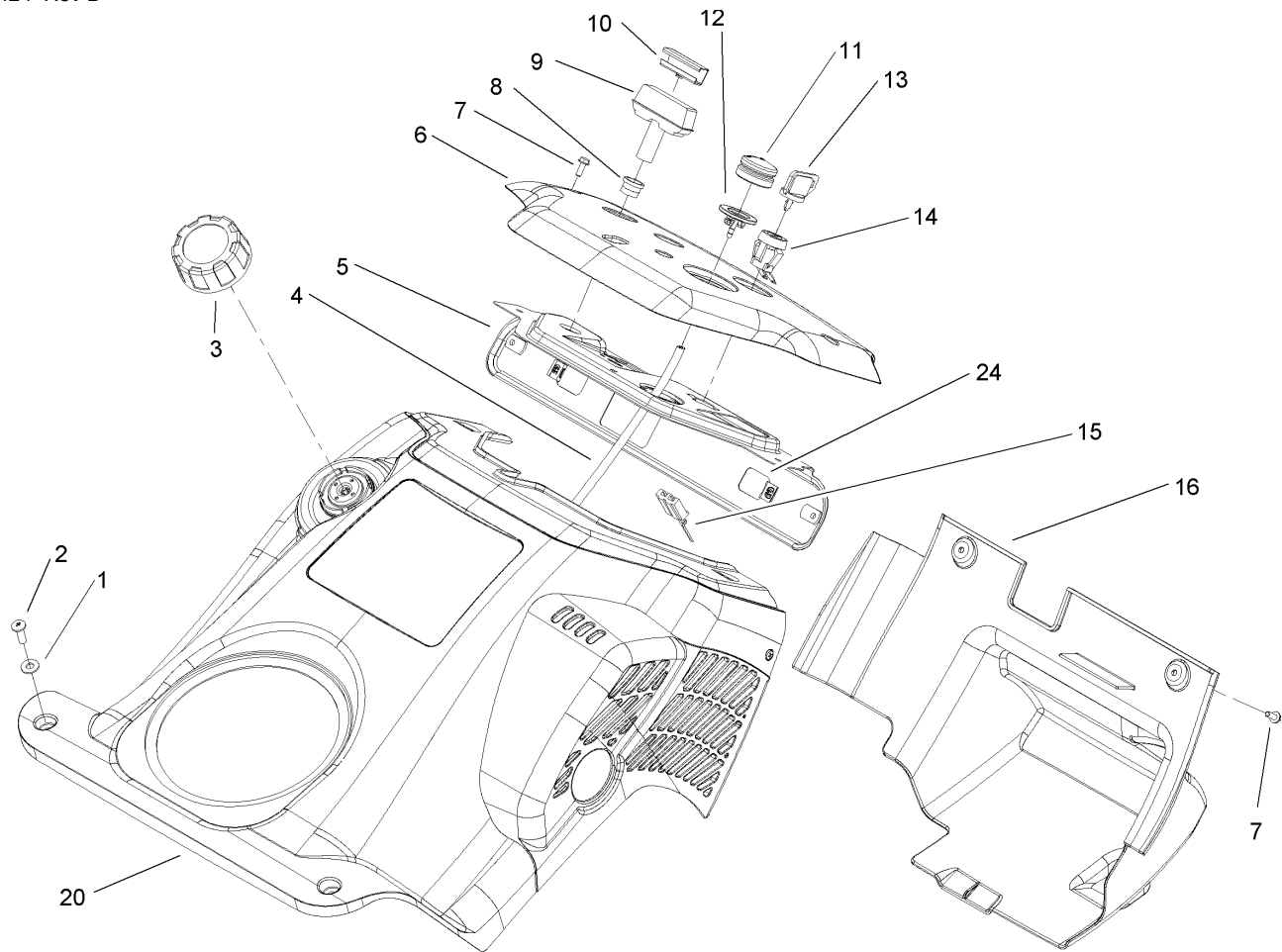
| Ref | Part No.    | Qty. | Description         |  |  |  |  |
|-----|-------------|------|---------------------|--|--|--|--|
| 1   | 99-9313     | 2    | Blade-Rotor         |  |  |  |  |
| 2   | 55-9370     | 4    | Spacer-Blade, Rotor |  |  |  |  |
| 3   | 100-5478-03 | 1    | Rotor ASM           |  |  |  |  |
| 4   | 3296-56     | 13   | Nut-Lock, NI        |  |  |  |  |
| 5   | 66-6600-03  | 2    | Half-Rotor          |  |  |  |  |
| 6   | 84-1971     | 8    | Screw               |  |  |  |  |
| 7   | 321-8       | 1    | Screw-HH            |  |  |  |  |
| 8   | 321-4       | 4    | Screw-HH            |  |  |  |  |



## Engine and Frame Assembly

| Ref | Part No.    | Qty. | Description                                |
|-----|-------------|------|--------------------------------------------|
| 1   | 32152-8     | 1    | Nut-Lock, Cone                             |
| 2   | 321-4       | 2    | Screw-HH                                   |
| 4   | 105-8952    | 1    | Tank-Gas                                   |
| 5   | 55-9310     | 1    | Seal-Foam                                  |
| 6   | 49-2482     | 1    | Line-Fuel                                  |
| 7   | 2412-98     | 4    | Clamp                                      |
| 8   | 56-6360     | 1    | Filter-Fuel                                |
| 9   | 94-9932     | 1    | Hose-Fuel                                  |
| 11  | 3296-42     | 5    | Nut-Lock, NI                               |
| 12  | 3256-22     | 2    | Washer-Flat                                |
| 13  | 321-2       | 2    | Screw-HH                                   |
| 15  |             | 1    | Engine-Briggs And Stratton, 084132-0120-E1 |
| 19  | 322-3       | 4    | Screw-HH                                   |
| 20  | 3290-456    | 5    | Washer-Belleville                          |
| 21  | 32112-14    | 2    | Nut-Push                                   |
| 22  | 66-6510     | 2    | Wheel                                      |
| 23  | 66-6501     | 1    | Spacer-Wheel                               |
| 24  | 105-1965-03 | 1    | Frame                                      |
| 25  | 3296-29     | 3    | Nut-Lock, NI                               |
| 26  | 66-6500     | 1    | Spacer-Wheel                               |
| 27  | 105-1968-03 | 1    | Bracket-Support, Recoil                    |
| 29  | 32144-97    | 1    | Screw-PPH, Plastite                        |
| 30  | 104-0878    | 1    | Lever-Choke                                |

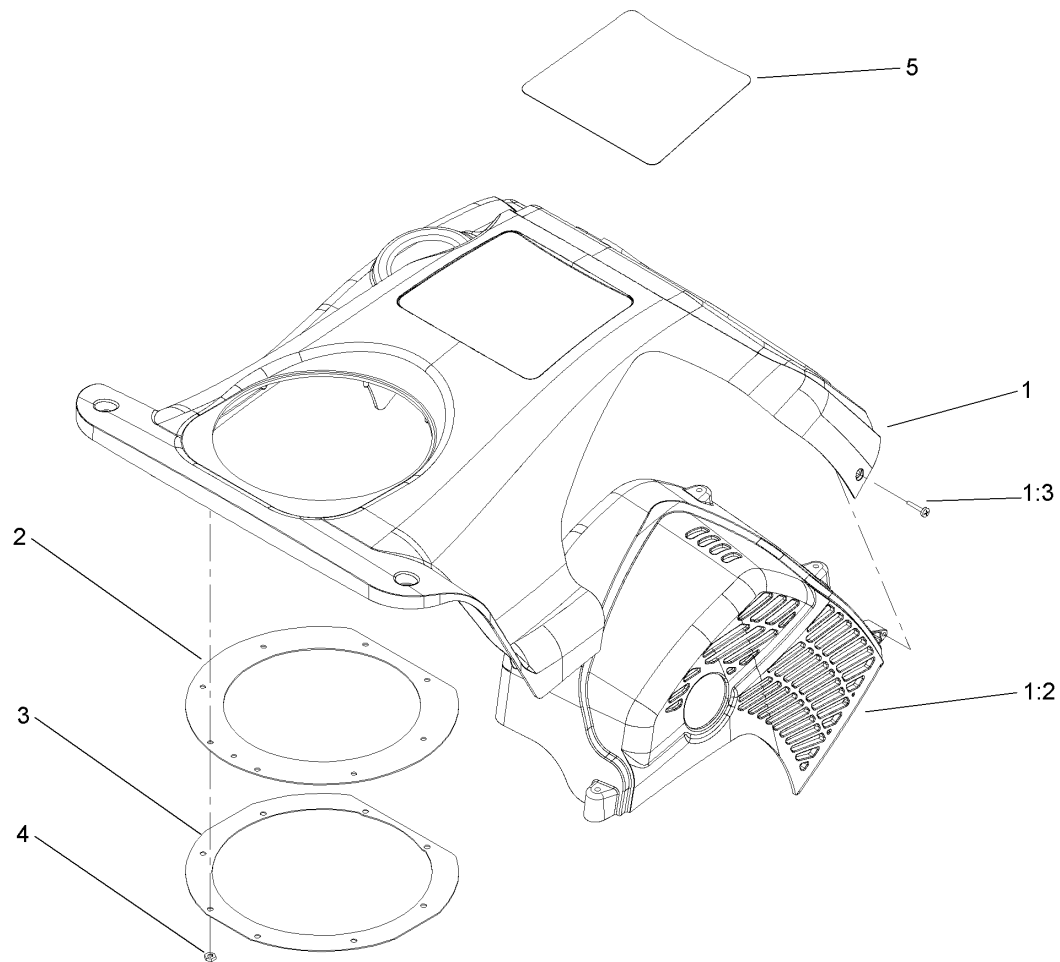
| Ref | Part No. | Qty. | Description        |
|-----|----------|------|--------------------|
| 31  | 3256-14  | 1    | Washer-Flat        |
| 33  | 322-43   | 2    | Screw-HH           |
| 34  | 106-4738 | 1    | Shield-Hole, Choke |



Upper Shroud and Control Panel Assembly

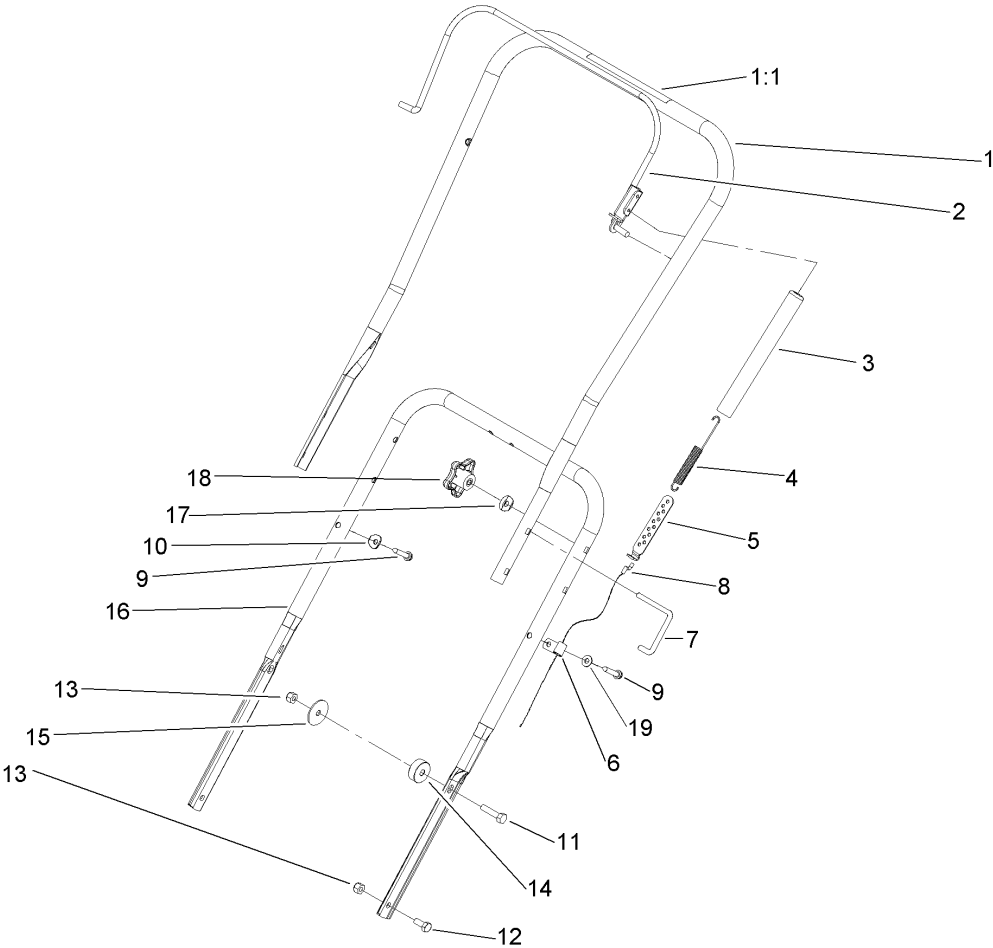
| Ref | Part No.    | Qty. | Description            |  |  |  |  |
|-----|-------------|------|------------------------|--|--|--|--|
| 1   | 3256-22     | 2    | Washer-Flat            |  |  |  |  |
| 2   | 3250-32     | 2    | Screw-PPH              |  |  |  |  |
| 3   | 104-4133    | 1    | Gas Cap ASM            |  |  |  |  |
| 4   | 98-1372     | 1    | Hose-Primer            |  |  |  |  |
| 5   | 105-1999-03 | 1    | Panel-Support, Control |  |  |  |  |
| 6   | 105-3521    | 1    | Panel-Control          |  |  |  |  |
| 7   | 32144-112   | 5    | Screw-HWH              |  |  |  |  |
| 8   | 55-9410     | 1    | Guide-Rope, Starter    |  |  |  |  |
| 9   | 612825      | 1    | Handle-Start           |  |  |  |  |
| 10  | 612824      | 1    | Clip-Starter           |  |  |  |  |
| 11  | 66-7460     | 1    | Bulb-Primer            |  |  |  |  |
| 12  | 44-2750     | 1    | Body-Primer            |  |  |  |  |
| 13  | 63-8360     | 1    | Key-Ignition           |  |  |  |  |
| 14  | 40-5940     | 1    | Switch                 |  |  |  |  |
| 15  | 218-532     | 1    | Connector-Body         |  |  |  |  |
| 16  | 105-1957    | 1    | Shroud-Lower           |  |  |  |  |
| 20  | 106-4731    | 1    | Upper Shroud ASM       |  |  |  |  |
| 24  | 100-9889    | 2    | Nut-Speed              |  |  |  |  |





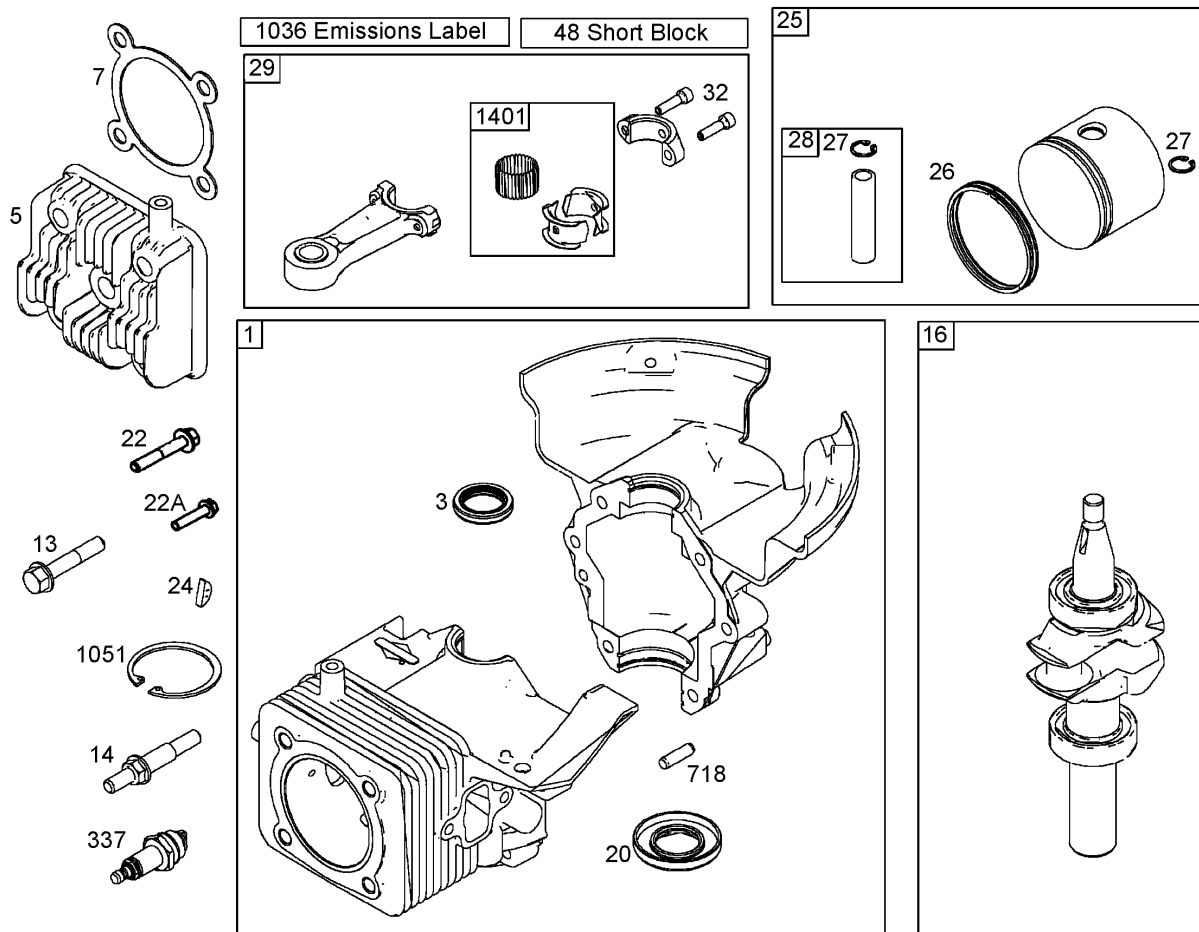
## Upper Shroud Assembly No. 106-4731

| Ref | Part No.   | Qty. | Description          |  |  |  |  |
|-----|------------|------|----------------------|--|--|--|--|
| 1   |            | 1    | Shroud-Upper         |  |  |  |  |
| 1:2 | 105-1956   | 1    | Shield-Heat          |  |  |  |  |
| 1:3 | 94-4496    | 5    | Screw-PPH            |  |  |  |  |
| 2   | 105-3543   | 1    | Seal-Chute           |  |  |  |  |
| 3   | 55-9540-03 | 1    | Retainer-Seal, Chute |  |  |  |  |
| 4   | 3290-474   | 8    | Palnut               |  |  |  |  |
| 5   | 106-4719   | 1    | Decal                |  |  |  |  |



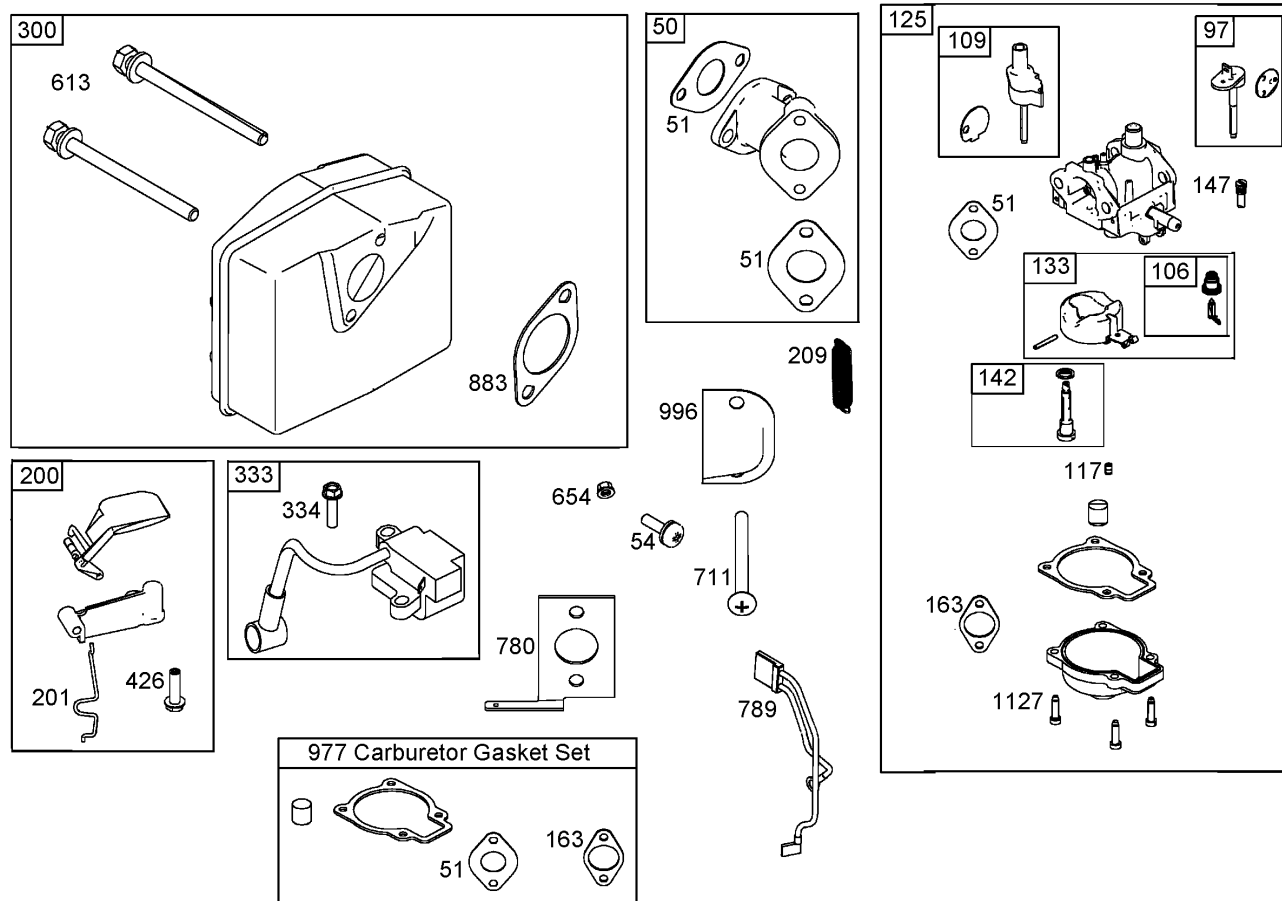
Handle Assembly

| Ref | Part No.   | Qty. | Description        |  |  |  |  |
|-----|------------|------|--------------------|--|--|--|--|
| 1   | 95-2667    | 1    | Handle-Upper       |  |  |  |  |
| 1:1 | 104-2775   | 1    | Decal-Drive, Rotor |  |  |  |  |
| 2   | 71-5120-03 | 1    | Bail ASM           |  |  |  |  |
| 3   | 71-5530    | 1    | Cover-Spring       |  |  |  |  |
| 4   | 71-5480    | 1    | Spring-Clutch      |  |  |  |  |
| 5   | 55-9380    | 1    | Adjuster-Cable     |  |  |  |  |
| 6   | 2412-91    | 1    | Clamp              |  |  |  |  |
| 7   | 98-2266    | 2    | Lock-Handle        |  |  |  |  |
| 8   | 94-9922    | 1    | Cable-Clutch       |  |  |  |  |
| 9   | 61-8640    | 2    | Screw              |  |  |  |  |
| 10  | 3-7501     | 1    | Washer             |  |  |  |  |
| 11  | 322-6      | 2    | Screw-HH           |  |  |  |  |
| 12  | 322-3      | 2    | Screw-HH           |  |  |  |  |
| 13  | 3296-29    | 4    | Nut-Lock, NI       |  |  |  |  |
| 14  | 105-1961   | 2    | Spacer             |  |  |  |  |
| 15  | 3256-68    | 2    | Washer-Flat        |  |  |  |  |
| 16  | 55-9121-03 | 1    | Handle-Lower       |  |  |  |  |
| 17  | 75-9130    | 2    | Washer-Curved      |  |  |  |  |
| 18  | 106-4161   | 2    | Knob-Handle        |  |  |  |  |
| 19  | 3256-22    | 1    | Washer-Flat        |  |  |  |  |



## Cylinder, Piston, and Connecting Rod Assemblies Briggs and Stratton 084132-0120-E1

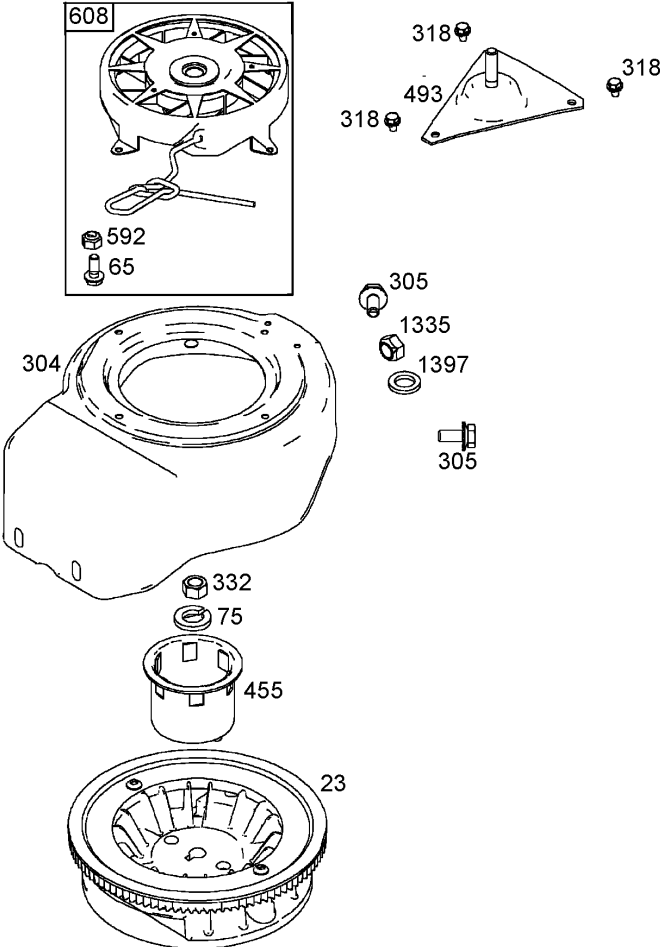
| Ref   | Part No. | Qty. | Description                      | Ref   | Part No. | Qty. | Description  |
|-------|----------|------|----------------------------------|-------|----------|------|--------------|
| ②1    | 801260   | 1    | Cylinder ASM                     | ②1401 | 801290   | 1    | Roller-Strip |
| ②3    | 801262   | 1    | Seal-Oil                         |       |          |      |              |
| ②5    | 801283   | 1    | Head-Cylinder                    |       |          |      |              |
| ②7    | 801263   | 1    | Gasket-Head, Cylinder            |       |          |      |              |
| ②13   | 801264   | 1    | Screw (Cylinder Head)            |       |          |      |              |
| ②14   | 801265   | 1    | Stud (Cylinder Head)             |       |          |      |              |
| ②16   | 801220   | 1    | Crankshaft                       |       |          |      |              |
| ②20   | 801261   | 1    | Seal-Oil                         |       |          |      |              |
| ②22   | 801266   | 1    | Screw (Crankcase Cover And Sump) |       |          |      |              |
| ②22A  | 801271   | 1    | Screw (Crankcase Cover And Sump) |       |          |      |              |
| ②24   | 801234   | 1    | Key-Flywheel                     |       |          |      |              |
| ②25   | 801279   | 1    | Piston ASM                       |       |          |      |              |
| ②26   | 801280   | 1    | Ring Set                         |       |          |      |              |
| ②27   | 801275   | 1    | Lock-Pin, Piston                 |       |          |      |              |
| ②28   | 801276   | 1    | Pin-Piston                       |       |          |      |              |
| ②29   | 801277   | 1    | Rod-Connecting                   |       |          |      |              |
| ②32   | 801278   | 1    | Screw                            |       |          |      |              |
| ②48   | 801284   | 1    | Short Block                      |       |          |      |              |
| ②337  | 801254   | 1    | Plug-Spark                       |       |          |      |              |
| ②718  | 690959   | 1    | Pin-Locating                     |       |          |      |              |
| ②1051 | 801274   | 1    | Ring-Retaining                   |       |          |      |              |
| ②1036 | 801294   | 1    | Label-Emissions                  |       |          |      |              |



## Muffler, Carburetor, and Intake Manifold Assemblies Briggs and Stratton 084132-0120-E1

| Ref  | Part No. | Qty. | Description                                                   |
|------|----------|------|---------------------------------------------------------------|
| ●50  | 801232   | 1    | Manifold-Intake                                               |
| ●51  | 801224   | 1    | Gasket-Intake                                                 |
| ●54  | 801230   | 1    | Screw (Intake Manifold)                                       |
| ●97  | 801306   | 1    | Shaft-Throttle                                                |
| ●106 | 801317   | 1    | Seat-Inlet                                                    |
| ●109 | 801307   | 1    | Shaft-Choke                                                   |
| ●117 | 801310   | 1    | Jet-Main                                                      |
| ●125 | 801233   | 1    | Carburetor                                                    |
| ●133 | 801316   | 1    | Float-Carburetor                                              |
| ●142 | 801313   | 1    | Nozzle-Carburetor                                             |
| ●147 | 801308   | 1    | Jet-Pilot                                                     |
| ●163 | 801227   | 1    | Gasket-Cleaner, Air                                           |
| ●200 | 801289   | 1    | Blade-Governor                                                |
| ●201 | 801225   | 1    | Link-Vane, Air                                                |
| ●209 | 801223   | 1    | Spring-Governor                                               |
| ●300 | 801250   | 1    | Muffler                                                       |
| ●333 | 801268   | 1    | Armature-Magneto                                              |
| ●334 | 801267   | 1    | Screw                                                         |
| ●426 | 801231   | 1    | Screw                                                         |
| ●613 | 801251   | 1    | Screw                                                         |
| ●654 | 801324   | 1    | Nut (Intake Manifold) (Used Before Engine Code Date 05042600) |
| ●711 | 801229   | 1    | Screw                                                         |

| Ref   | Part No. | Qty. | Description           |
|-------|----------|------|-----------------------|
| ●780  | 801228   | 1    | Anchor-Spring         |
| ●789  | 801253   | 1    | Wire ASM              |
| ●883  | 801252   | 1    | Gasket-Exhaust        |
| ●977  | 801312   | 1    | Gasket Set-Carburetor |
| ●996  | 801226   | 1    | Shield-Carburetor     |
| ●1127 | 801318   | 1    | Screw                 |



**Flywheel, Blower Housing, and Rewind Starter Assemblies**  
**Briggs and Stratton 084132-0120-E1**

| Ref  | Part No. | Qty. | Description      |  |  |  |  |
|------|----------|------|------------------|--|--|--|--|
| 23   | 801246   | 1    | Flywheel         |  |  |  |  |
| 65   | 801243   | 1    | Screw            |  |  |  |  |
| 75   | 801237   | 1    | Washer           |  |  |  |  |
| 304  | 801257   | 1    | Housing-Blower   |  |  |  |  |
| 305  | 801239   | 1    | Screw            |  |  |  |  |
| 318  | 801241   | 1    | Screw            |  |  |  |  |
| 332  | 801238   | 1    | Nut              |  |  |  |  |
| 455  | 801235   | 1    | Cup-Flywheel     |  |  |  |  |
| 493  | 801240   | 1    | Bracket-Mounting |  |  |  |  |
| 592  | 801244   | 1    | Nut              |  |  |  |  |
| 608  | 801242   | 1    | Starter-Rewind   |  |  |  |  |
| 1335 | 801269   | 1    | Nut              |  |  |  |  |
| 1397 | 801270   | 1    | Washer           |  |  |  |  |

## NOTES

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