



## Power Max 828 OXE Snowthrower

Model No. 38637C - 290000001 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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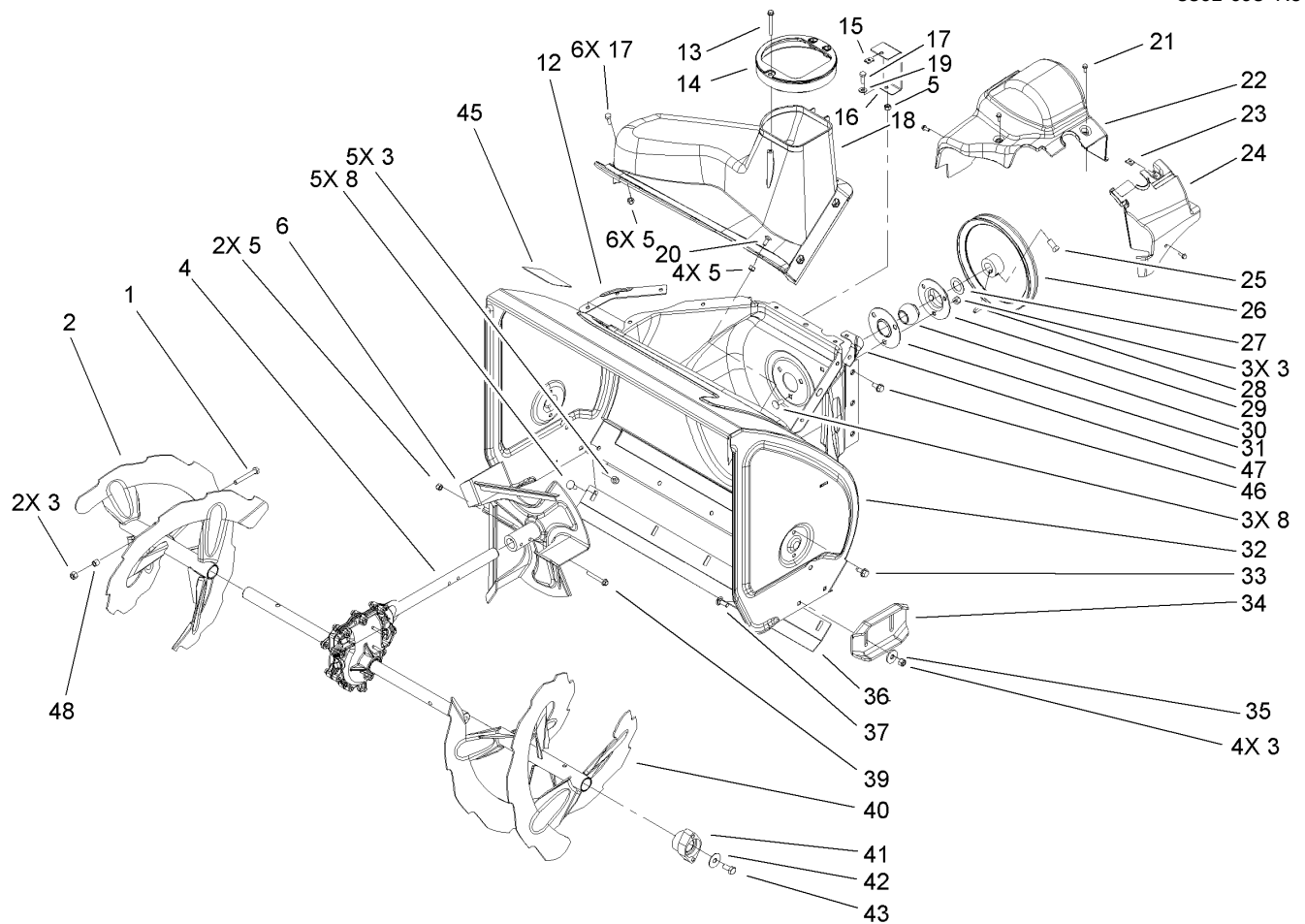
## Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

|                                            |                                              |
|--------------------------------------------|----------------------------------------------|
| AR. .... as required                       | HYD. .... hydraulic                          |
| 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                |
| HD. .... heavy-duty                        | PTH. .... phillips truss head                |
| HF. .... hex flange                        | PTO. .... power-take-off                     |
| HH. .... hex head                          | RH. .... right hand                          |
| HHF. .... hex head flange                  | ROPS. .... roll-over protection system       |
| HHFTF. .... hex head flange thread forming | SFH. .... slotted fillister head             |
| HJ. .... hex jam                           | SHH. .... slotted hex head                   |
| HLH. .... hex lag head                     | SHWH. .... slotted hex washer head           |
| HOC. .... height-of-cut                    | SPH. .... slotted pan head                   |
| HSBH. .... hex socket button head          | SQH. .... square head                        |
| HSFH. .... hex socket flat head            | SRH. .... slotted round head                 |
| HSH. .... hex socket head                  | STD. .... standard                           |
| HWH. .... hex washer head                  | TAP. .... self tapping                       |
| HWHTF. .... hex washer head thread forming | TTH. .... torx truss head                    |

## Footnotes

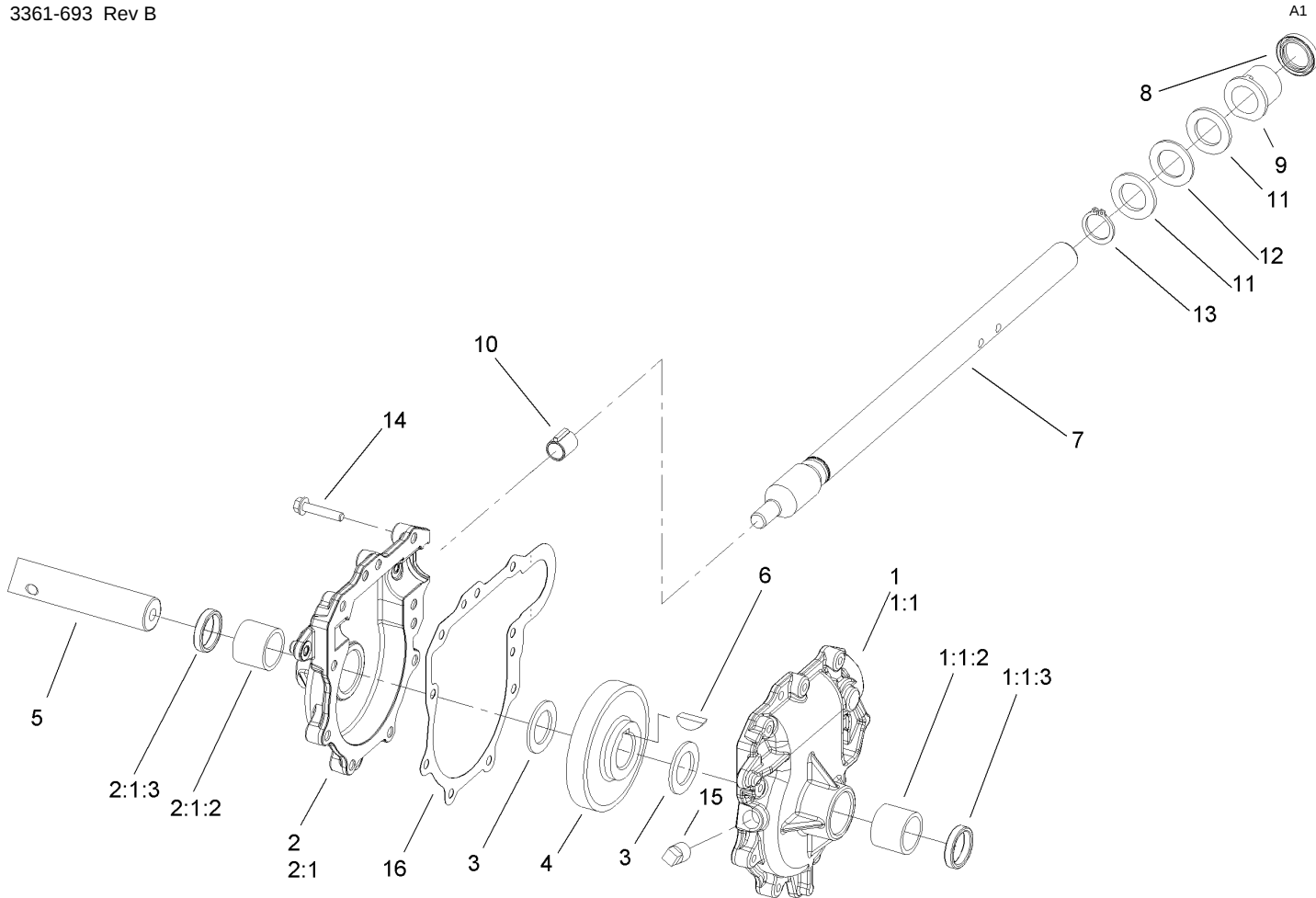
- |                                                      |                                                   |
|------------------------------------------------------|---------------------------------------------------|
| ❶ Not serviced separately                            | ❷ Obtain from your local Briggs & Stratton dealer |
| ❸ Included in Carburetor Overhaul Kit (Ref. No. 121) | ❹ Included in Engine Gasket Set (Ref. No. 358)    |
| ❺ Included in Valve Gasket Set (Ref. No. 1095)       |                                                   |



## Auger and Housing Assembly

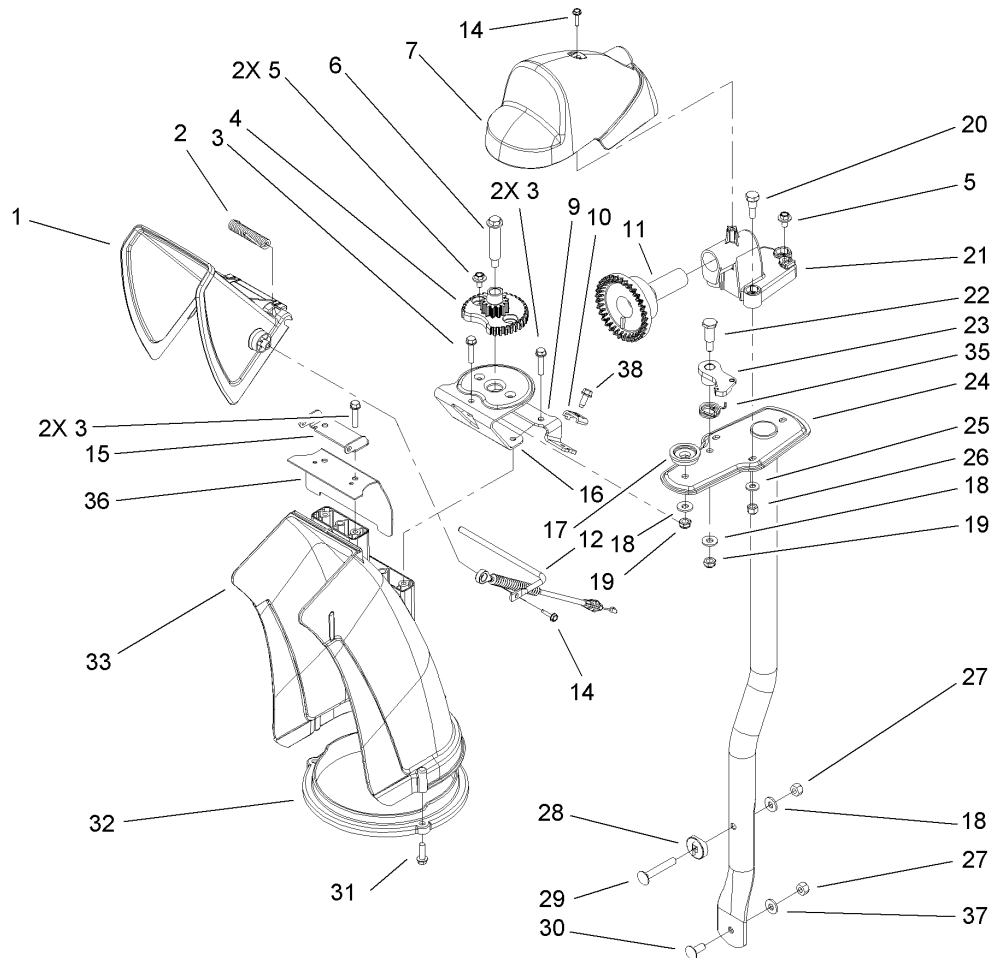
| Ref | Part No.    | Qty. | Description                |
|-----|-------------|------|----------------------------|
| 1   | 322-11      | 2    | Screw-HH                   |
| 2   | 106-7291-03 | 1    | Auger-RH                   |
| 3   | 3296-29     | 14   | Nut-Lock, NI               |
| 4   | 108-7329    | 1    | 28 Inch Auger Gearcase ASM |
| 5   | 3296-42     | 13   | Nut-Lock, NI               |
| 6   | 106-4576-03 | 1    | Impeller ASM               |
| 8   | 3230-23     | 8    | Screw-CARR                 |
| 12  | 107-1017-03 | 1    | Seal-Flange, Cover         |
| 13  | 107-3003    | 1    | Screw-Plastite             |
| 14  | 107-3006    | 1    | Guide-Chute                |
| 15  | 107-1013    | 1    | Nut-Speed, U-Type          |
| 16  | 107-1014-03 | 1    | Bracket-Cover, Clip Nut    |
| 17  | 321-4       | 7    | Screw-HH                   |
| 18  | 108-0017    | 1    | Cover                      |
| 19  | 3256-22     | 1    | Washer-Flat                |
| 20  | 3229-1      | 4    | Screw-CARR                 |
| 21  | 32144-112   | 4    | Screw-HWH                  |
| 22  | 107-1001    | 1    | Cover-Belt                 |
| 23  | 701493      | 1    | Nut-Speed                  |
| 24  | 107-1016    | 1    | Cover-Extension, Belt      |
| 25  | 3242-4      | 2    | Screw-Set, SQH             |
| 26  | 62-1300     | 1    | Pulley-Impeller            |
| 27  | 252-80      | 1    | Washer-Thrust              |
| 28  | 3257-23     | 1    | Key-Woodruff               |

| Ref | Part No.    | Qty. | Description             |
|-----|-------------|------|-------------------------|
| 29  | 26-6110     | 1    | Flange-Cup, Bearing     |
| 30  | 63-3450     | 1    | Bearing-Ball            |
| 31  | 26-6120     | 1    | Flange-Cup, Bearing     |
| 32  | 107-3824    | 1    | Housing- Auger, 28 Inch |
| 33  | 32144-70    | 4    | Screw-HWHTF             |
| 34  | 106-4588-01 | 2    | Skid                    |
| 35  | 52-2861     | 4    | Washer                  |
| 36  | 106-4573-01 | 1    | Scraper-Fixed           |
| 37  | 3230-16     | 4    | Screw-CARR              |
| 39  | 321-44      | 2    | Screw-HHF               |
| 40  | 106-7301-03 | 1    | LH Auger ASM            |
| 41  | 106-4570    | 2    | Auger-Bearing           |
| 42  | 3-0750      | 2    | Washer                  |
| 43  | 323-4       | 2    | Screw-HH                |
| 45  | 107-3040    | 1    | Decal-Danger, Auger     |
| 46  | 32144-14    | 6    | Screw-HWHTF             |
| 47  | 108-0039-03 | 1    | Seal                    |
| 48  | 1-633545    | 2    | Spacer                  |



## 28 Inch Auger Gearcase Assembly No. 108-7329

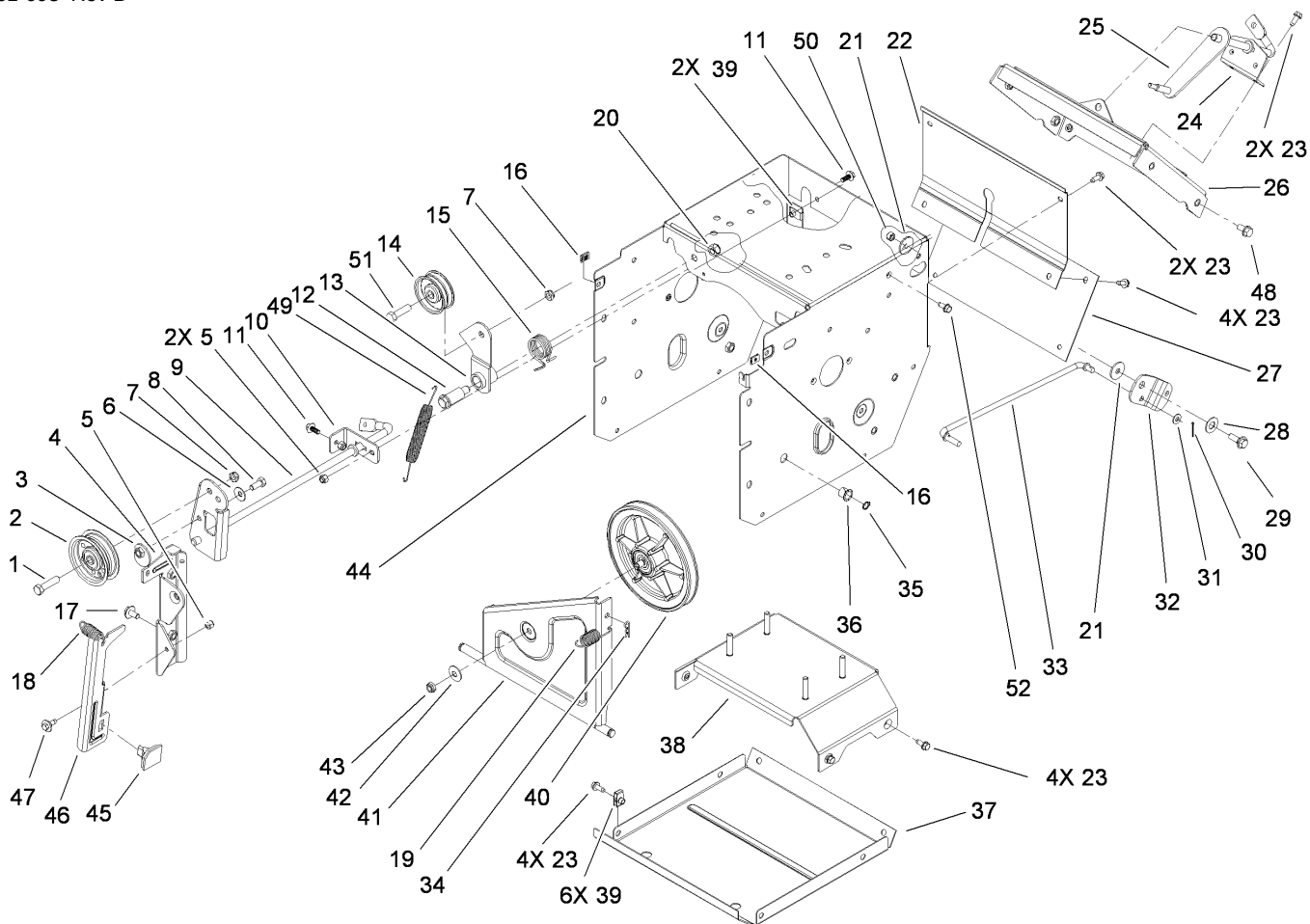
| Ref   | Part No. | Qty. | Description            |  |  |  |  |
|-------|----------|------|------------------------|--|--|--|--|
| 1     | 108-7325 | 1    | LH Auger Gearcase ASM  |  |  |  |  |
| 1:1:1 |          | 1    | Gearcase-Auger, LH     |  |  |  |  |
| 1:1:2 | 112-6635 | 1    | Bushing-Sleeve         |  |  |  |  |
| 1:1:3 | 7-0045   | 1    | Seal-Oil               |  |  |  |  |
| 2     | 108-7327 | 1    | RH Auger Gearcase ASM  |  |  |  |  |
| 2:1   |          | 1    | Gearcase-Auger, RH     |  |  |  |  |
| 2:1:2 | 112-6635 | 1    | Bushing-Sleeve         |  |  |  |  |
| 2:1:3 | 7-0045   | 1    | Seal-Oil               |  |  |  |  |
| 3     | 252-71   | 2    | Washer-Thrust          |  |  |  |  |
| 4     | 62-0120  | 1    | Gear-Helical           |  |  |  |  |
| 5     | 106-4421 | 1    | Shaft-Auger            |  |  |  |  |
| 6     | 3257-10  | 1    | Key-Woodruff           |  |  |  |  |
| 7     | 66-7811  | 1    | Shaft-Impeller         |  |  |  |  |
| 8     | 253-149  | 1    | Seal-Oil               |  |  |  |  |
| 9     | 37-6560  | 1    | Bushing-Input          |  |  |  |  |
| 10    | 62-1150  | 1    | Bushing-Worm           |  |  |  |  |
| 11    | 252-78   | 2    | Washer-Thrust          |  |  |  |  |
| 12    | 252-76   | 1    | Bearing-Thrust         |  |  |  |  |
| 13    | 32151-33 | 1    | Ring-Retaining, EXT    |  |  |  |  |
| 14    | 108-4862 | 9    | Screw-HWHTF            |  |  |  |  |
| 15    | 281-1    | 1    | Plug-Pipe, SQH         |  |  |  |  |
| 16    | 108-7330 | 1    | Gasket-Gearcase, Auger |  |  |  |  |



## Chute Assembly

| Ref | Part No.    | Qty. | Description            |
|-----|-------------|------|------------------------|
| 1   | 112-6629    | 1    | Deflector-Chute, Ce    |
| 2   | 106-4594    | 1    | Spring-Torsion         |
| 3   | 46-8092     | 5    | Screw-Plastite         |
| 4   | 106-4472    | 1    | Gear-Chute             |
| 5   | 46-6810     | 3    | Screw And Washer ASM   |
| 6   | 100-9880    | 1    | Bolt-Shoulder          |
| 7   | 106-4585    | 1    | Cover-Gear, Chute      |
| 9   | 106-7296    | 1    | Bracket-Cable, Clamp   |
| 10  | 106-7297    | 1    | Clamp-Cable            |
| 11  | 106-4471    | 1    | Gear-Face              |
| 12  | 107-1021    | 1    | Rod-Deflector          |
| 14  | 98-1375     | 2    | Screw-HWH              |
| 15  | 106-7266    | 1    | Bracket-Deflector      |
| 16  | 106-4582-03 | 1    | Bracket-Support, Chute |
| 17  | 106-4422    | 1    | Spacer-Chute           |
| 18  | 3256-2      | 3    | Washer-Flat            |
| 19  | 3296-47     | 2    | Nut-Lock, NI           |
| 20  | 106-7276    | 3    | Screw-Shoulder         |
| 21  | 106-7257    | 1    | Mount-Gear, Face       |
| 22  | 63-2650     | 1    | Screw-Shoulder         |
| 23  | 106-4476    | 1    | Latch-Chute            |
| 24  | 106-7253-03 | 1    | Tube-Support           |
| 25  | 3256-22     | 3    | Washer-Flat            |
| 26  | 3296-42     | 3    | Nut-Lock, NI           |

| Ref | Part No. | Qty. | Description       |
|-----|----------|------|-------------------|
| 27  | 3296-29  | 2    | Nut-Lock, NI      |
| 28  | 106-7260 | 1    | Washer-Curved     |
| 29  | 3230-5   | 1    | Screw-CARR        |
| 30  | 3230-23  | 1    | Screw-CARR        |
| 31  | 46-8091  | 3    | Screw-HWH         |
| 32  | 105-9991 | 1    | Ring-Chute        |
| 33  | 106-4440 | 1    | Chute-Discharge   |
| 35  | 108-7315 | 1    | Spring-Torsion    |
| 36  | 108-5052 | 1    | Seal-Chute        |
| 37  | 3290-456 | 1    | Washer-Belleville |
| 38  | 32144-10 | 1    | Screw-HWH         |



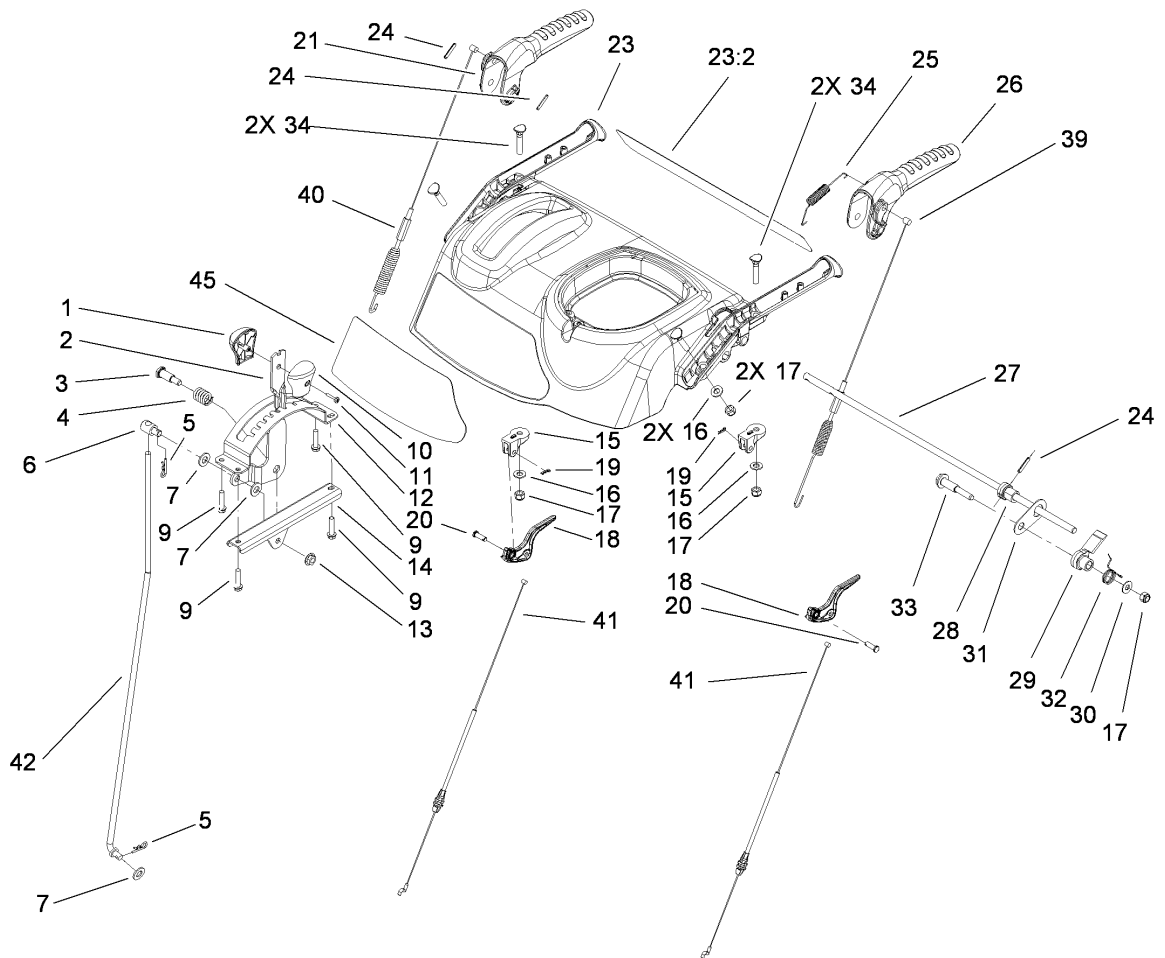
## Frame Assembly

| Ref | Part No.    | Qty. | Description             |
|-----|-------------|------|-------------------------|
| 1   | 323-8       | 1    | Screw-HH                |
| 2   | 92-7104     | 1    | Pulley-Idler            |
| 3   | 107-1047    | 1    | Nut                     |
| 4   | 107-1039    | 1    | Bracket-Idler, Impeller |
| 5   | 3296-42     | 3    | Nut-Lock, NI            |
| 6   | 3290-456    | 1    | Washer-Belleville       |
| 7   | 3296-59     | 2    | Nut-Lock, NI            |
| 8   | 322-3       | 1    | Screw-HH                |
| 9   | 107-3838-03 | 1    | Impeller Clutch ASM     |
| 10  | 106-7341    | 1    | Bracket-Rear, Clutch    |
| 11  | 99-6810     | 2    | Screw-HH                |
| 12  | 108-5056    | 1    | Bolt-Shoulder           |
| 13  | 108-5058    | 1    | Arm-Idler, Traction     |
| 14  | 115-5694    | 1    | Pulley-Idler            |
| 15  | 108-7332    | 1    | Spring-Torsion          |
| 16  | 107-1013    | 2    | Nut-Speed, U-Type       |
| 17  | 3234-7      | 2    | Screw-HHF               |
| 18  | 107-1045    | 1    | Spring-Extension        |
| 19  | 107-1003    | 1    | Spring-Extension        |
| 20  | 3296-76     | 1    | Nut-Lock, NI            |
| 21  | 5-4460      | 2    | Washer-Pivot            |
| 22  | 108-0022-01 | 1    | Cover-Upper             |
| 23  | 32144-10    | 16   | Screw-HWH               |
| 24  | 108-0036    | 1    | Bracket-Rod, Shift      |

| Ref | Part No.    | Qty. | Description                |
|-----|-------------|------|----------------------------|
| 25  | 106-7268    | 1    | Lever-Control, Traction    |
| 26  | 108-0026-01 | 1    | Shift Plate ASM            |
| 27  | 106-7345-01 | 1    | Cover-Lower                |
| 28  | 25-5640     | 1    | Washer                     |
| 29  | 27-0410     | 1    | Screw-Shoulder             |
| 30  | 3272-4      | 1    | Pin-Cotter                 |
| 31  | 3256-23     | 1    | Washer-Flat                |
| 32  | 107-1011    | 1    | Bellcrank-Drive            |
| 33  | 106-4467    | 1    | Link-Control, Speed        |
| 34  | 3290-307    | 1    | Pin-Hair                   |
| 35  | 32151-61    | 2    | Ring-Retaining             |
| 36  | 256-257     | 2    | Bushing-Nyliner            |
| 37  | 106-7330-01 | 1    | Pan-Bottom                 |
| 38  | 112-8128    | 1    | Frame Brace ASM            |
| 39  | 107069      | 8    | Clip                       |
| 40  | 108-0031    | 1    | Traction Pulley ASM        |
| 41  | 108-7307    | 1    | Friction Wheel Bracket ASM |
| 42  | 3290-340    | 1    | Washer-Belleville          |
| 43  | 3296-5      | 1    | Nut-Lock                   |
| 44  | 114-9259-01 | 1    | Traction Frame ASM         |
| 45  | 66-8060     | 1    | Pad-Brake                  |
| 46  | 107-1000    | 1    | Arm-Brake                  |
| 47  | 92-9698     | 1    | Screw-Shoulder             |
| 48  | 32144-14    | 4    | Screw-HWHTF                |



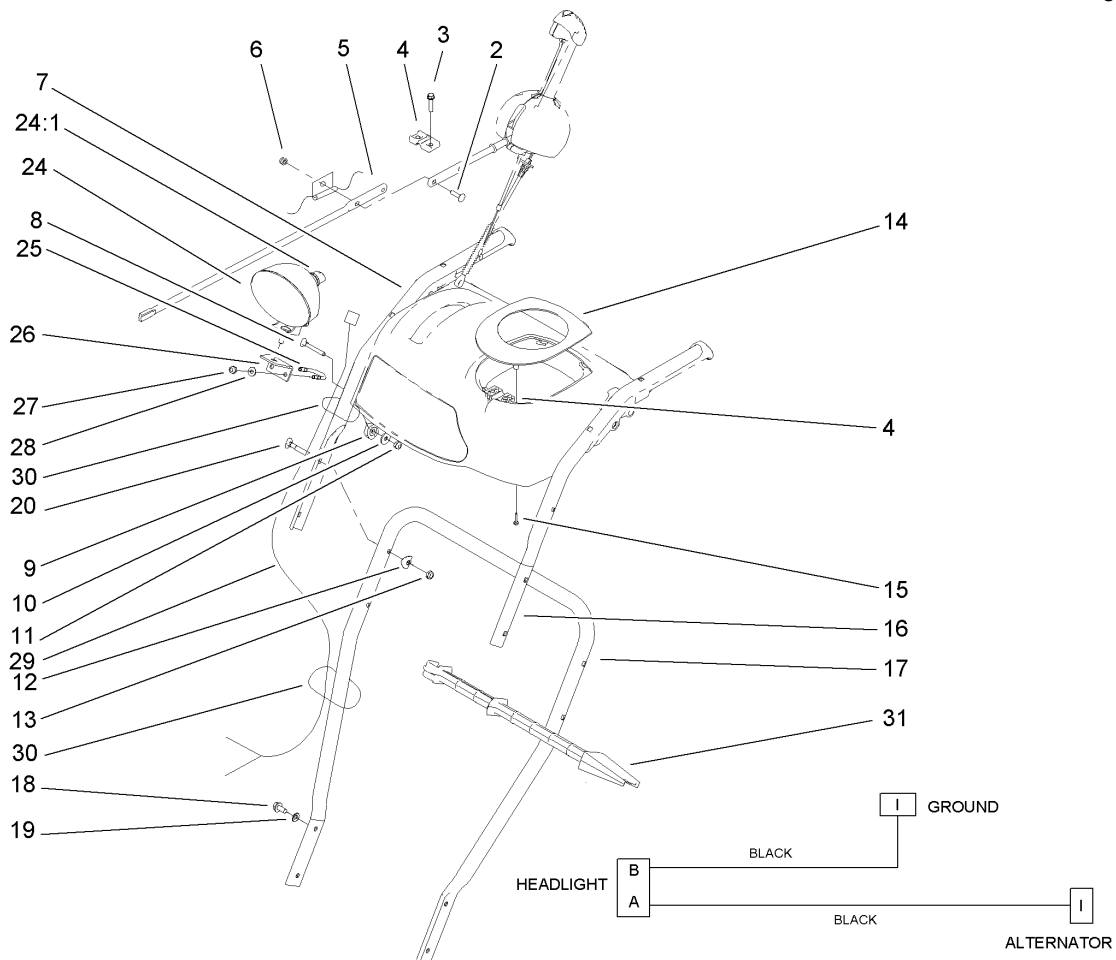
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## Handle Assembly

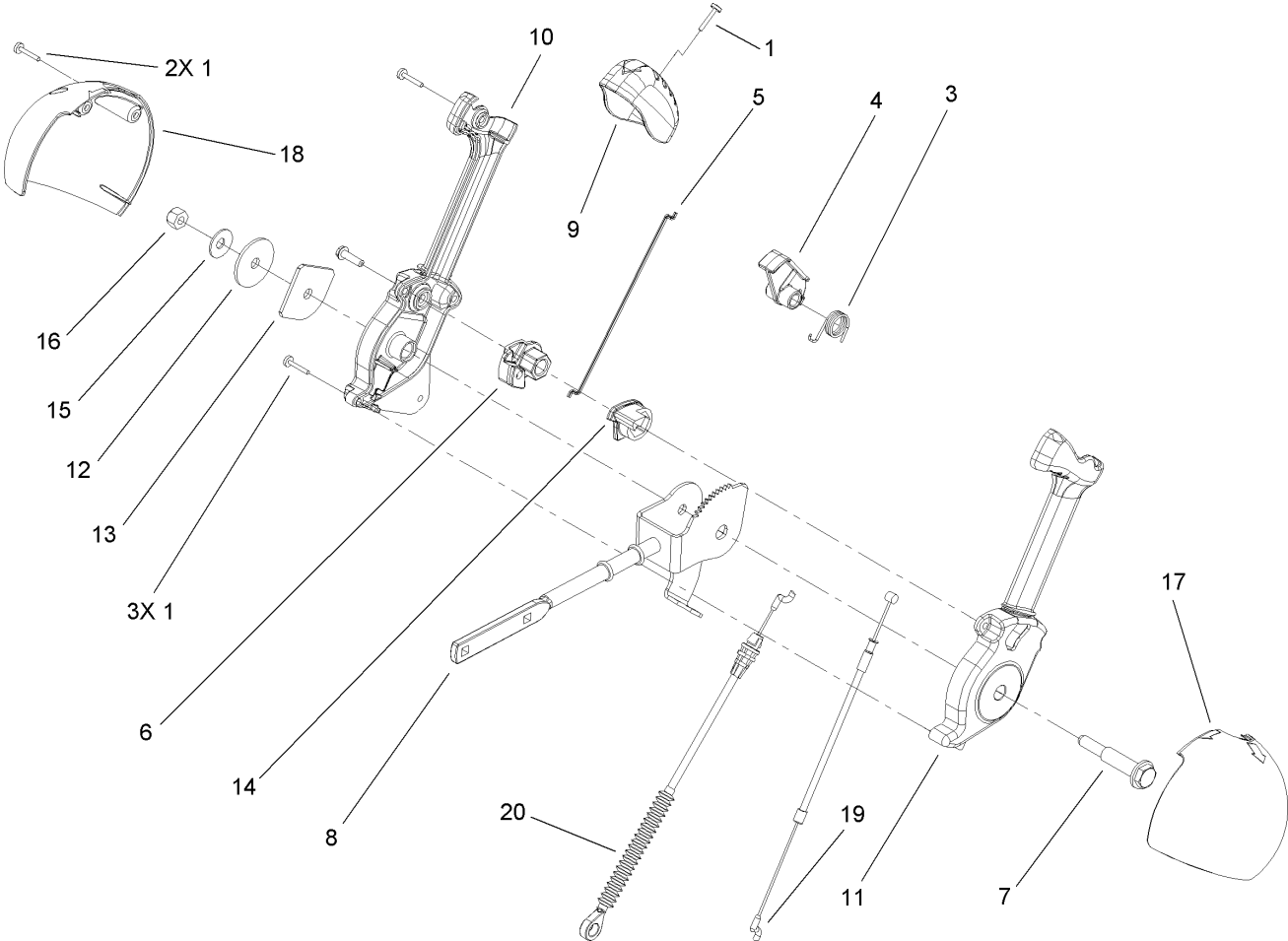
| Ref  | Part No.    | Qty. | Description               |
|------|-------------|------|---------------------------|
| 1    | 106-4423    | 1    | Knob-Shift, RH            |
| 2    | 106-7278-03 | 1    | Selector-Speed            |
| 3    | 63-2650     | 1    | Screw-Shoulder            |
| 4    | 108-7313    | 1    | Spring-Compression        |
| 5    | 3290-307    | 2    | Pin-Hair                  |
| 6    | 110-3446    | 1    | Trunion-Rod               |
| 7    | 3256-24     | 3    | Washer-Flat               |
| 9    | 46-8092     | 4    | Screw-Plastite            |
| 10   | 105-9999    | 1    | Knob-Shift, LH            |
| 11   | 94-4496     | 1    | Screw-PPH                 |
| 12   | 106-7277-03 | 1    | Guide-Selector, Speed     |
| 13   | 32128-13    | 1    | Nut-HF                    |
| 14   | 106-7279-03 | 1    | Mount-Selector, Speed     |
| 15   | 105-9980    | 2    | Mount-Clutch, Lever       |
| 16   | 3256-70     | 4    | Washer-Flat               |
| 17   | 3296-72     | 5    | Nut-Lock, NI              |
| 18   | 106-4505    | 2    | Lever-Clutch              |
| 19   | 108-2992    | 2    | Pin-Hair                  |
| 20   | 1-808265    | 2    | Pin-Clevis                |
| 21   | 106-4413    | 1    | Lever-Augur               |
| 23   | 112-6633    | 1    | Panel-Control             |
| 23:2 | 112-6627    | 1    | Decal-Back, Control Panel |
| 24   | 32121-125   | 3    | Pin-Spring                |
| 25   | 107-3001    | 1    | Spring-Tension            |

| Ref | Part No. | Qty. | Description         |
|-----|----------|------|---------------------|
| 26  | 106-4410 | 1    | Lever-Traction      |
| 27  | 105-9996 | 1    | Rod-Lockout         |
| 28  | 107-1043 | 1    | Cam-Lockout         |
| 29  | 108-0023 | 1    | Latch-Lockout       |
| 30  | 98-3499  | 1    | Washer-Flat         |
| 31  | 107-3000 | 1    | Link-Lockout        |
| 32  | 108-0024 | 1    | Spring-Torsion      |
| 33  | 106-4412 | 1    | Screw-Shoulder      |
| 34  | 107-3018 | 4    | Screw-Handle        |
| 39  | 115-5671 | 1    | Cable-Traction      |
| 40  | 115-5680 | 1    | Cable-Augur         |
| 41  | 107-8896 | 2    | Cable-Clutch        |
| 42  | 107-1005 | 1    | Rod-Shift           |
| 45  | 112-8145 | 1    | Decal-Control Panel |



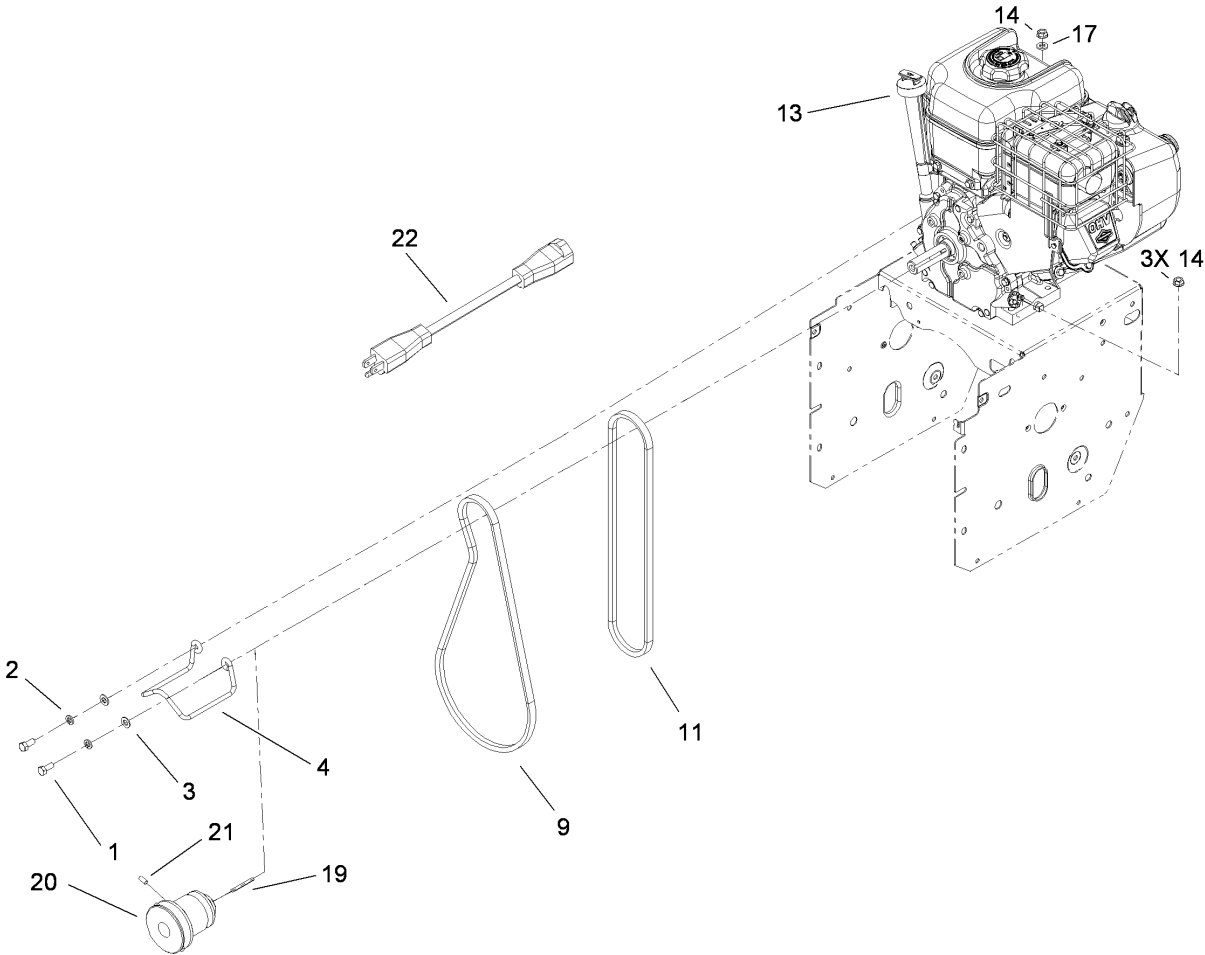
## Handle and Control Assembly

| Ref  | Part No.    | Qty. | Description          | Ref | Part No. | Qty. | Description    |
|------|-------------|------|----------------------|-----|----------|------|----------------|
| 2    | 3229-30     | 2    | Screw-CARR           | 28  | 3256-1   | 2    | Washer-Flat    |
| 3    | 46-8092     | 2    | Screw-Plastite       | 29  | 106-4511 | 1    | Harness-Wire   |
| 4    | 105-9987    | 2    | Support-Rod          | 30  | 614249   | 2    | Strap-Tie      |
| 5    | 106-7283    | 1    | Rod-Chute, Front     | 31  | 110-3408 | 1    | Stick-Cleanout |
| 6    | 3296-73     | 2    | Nut-Lock, NI         |     |          |      |                |
| 7    | 108-0038-03 | 1    | Handle-Upper, RH     |     |          |      |                |
| 8    | 95-4453     | 2    | Screw                |     |          |      |                |
| 9    | 106-4509    | 2    | Clamp-Cable          |     |          |      |                |
| 10   | 87-6630     | 2    | Washer-Plain         |     |          |      |                |
| 11   | 3296-73     | 2    | Nut-Lock, NI         |     |          |      |                |
| 12   | 107-3844    | 4    | Washer               |     |          |      |                |
| 13   | 3296-72     | 4    | Nut-Lock, NI         |     |          |      |                |
| 14   | 106-4586    | 1    | Cover-Panel, Control |     |          |      |                |
| 15   | 94-4496     | 2    | Screw-PPH            |     |          |      |                |
| 16   | 108-0037-03 | 1    | Handle-Upper, LH     |     |          |      |                |
| 17   | 105-9981-03 | 1    | Handle-Lower         |     |          |      |                |
| 18   | 32144-14    | 4    | Screw-HWHTF          |     |          |      |                |
| 19   | 3290-475    | 4    | Washer-Belleville    |     |          |      |                |
| 20   | 92-2260     | 4    | Screw-Handle         |     |          |      |                |
| 24   | 106-4510    | 1    | Headlamp ASM         |     |          |      |                |
| 24:1 | 108-0008    | 1    | Lamp-12 Volt         |     |          |      |                |
| 25   | 107-3024    | 1    | Clamp                |     |          |      |                |
| 26   | 107-1020-03 | 1    | Bracket-Light        |     |          |      |                |
| 27   | 3296-73     | 2    | Nut-Lock, NI         |     |          |      |                |



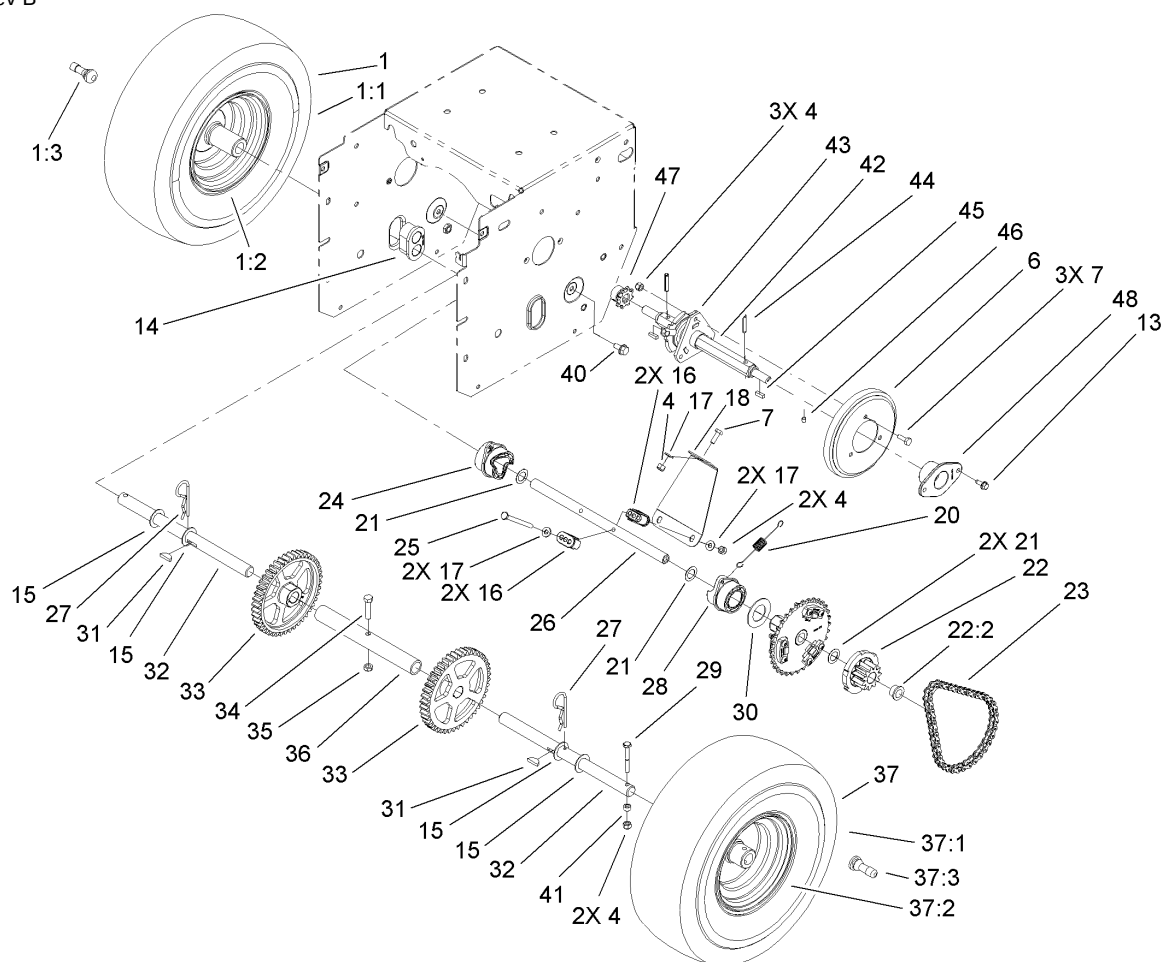
Lever Chute Control Assembly

| Ref | Part No. | Qty. | Description              |  |  |  |  |
|-----|----------|------|--------------------------|--|--|--|--|
| 1   | 94-4496  | 6    | Screw-PPH                |  |  |  |  |
| 3   | 105-9982 | 1    | Spring-Torsion           |  |  |  |  |
| 4   | 105-9984 | 1    | Trigger-Latch            |  |  |  |  |
| 5   | 105-9985 | 1    | Link-Latch               |  |  |  |  |
| 6   | 105-9988 | 1    | Lever-Cable, Deflector   |  |  |  |  |
| 7   | 105-9995 | 1    | Screw-Shoulder           |  |  |  |  |
| 8   | 106-4479 | 1    | Rod-Control, Chute       |  |  |  |  |
| 9   | 106-7280 | 1    | Cap-Lever                |  |  |  |  |
| 10  | 106-7281 | 1    | Lever-Chute Control, RH  |  |  |  |  |
| 11  | 106-7282 | 1    | Lever-Chute Control, LH  |  |  |  |  |
| 12  | 107-3002 | 1    | Washer-Nylon             |  |  |  |  |
| 13  | 106-7295 | 1    | Plate-Friction           |  |  |  |  |
| 14  | 106-7310 | 1    | Pawl-Latch               |  |  |  |  |
| 15  | 3290-456 | 1    | Washer-Belleville        |  |  |  |  |
| 16  | 3296-29  | 1    | Nut-Lock, NI             |  |  |  |  |
| 17  | 105-9986 | 1    | Cover-Chute Lever, LH    |  |  |  |  |
| 18  | 106-7292 | 1    | Cover-Chute Lever, RH    |  |  |  |  |
| 19  | 105-9989 | 1    | Cable-Release, Chute     |  |  |  |  |
| 20  | 105-9990 | 1    | Cable-Control, Deflector |  |  |  |  |



Engine Assembly

| Ref    | Part No. | Qty. | Description                     |  |  |  |  |
|--------|----------|------|---------------------------------|--|--|--|--|
| 1      | 3210-3   | 2    | Screw-HH                        |  |  |  |  |
| 2      | 3253-4   | 2    | Washer-Lock                     |  |  |  |  |
| 3      | 3256-23  | 2    | Washer-Flat                     |  |  |  |  |
| 4      | 107-3835 | 1    | Guide-Belt                      |  |  |  |  |
| 9      | 106-4498 | 1    | Belt-V                          |  |  |  |  |
| 11     | 94-8812  | 1    | V Belt-Traction                 |  |  |  |  |
| 1 2 13 |          |      | 1 Engine-Briggs, 15D104-0113-E8 |  |  |  |  |
| 14     | 32128-20 | 4    | Nut-HF                          |  |  |  |  |
| 17     | 3256-2   | 1    | Washer-Flat                     |  |  |  |  |
| 19     | 7-0036   | 1    | Key-Square                      |  |  |  |  |
| 20     | 114-9252 | 1    | Pulley-Engine                   |  |  |  |  |
| 21     | 3245-9   | 2    | Screw-Set                       |  |  |  |  |
| 22     | 99-9300  | 1    | Cord-Extension                  |  |  |  |  |

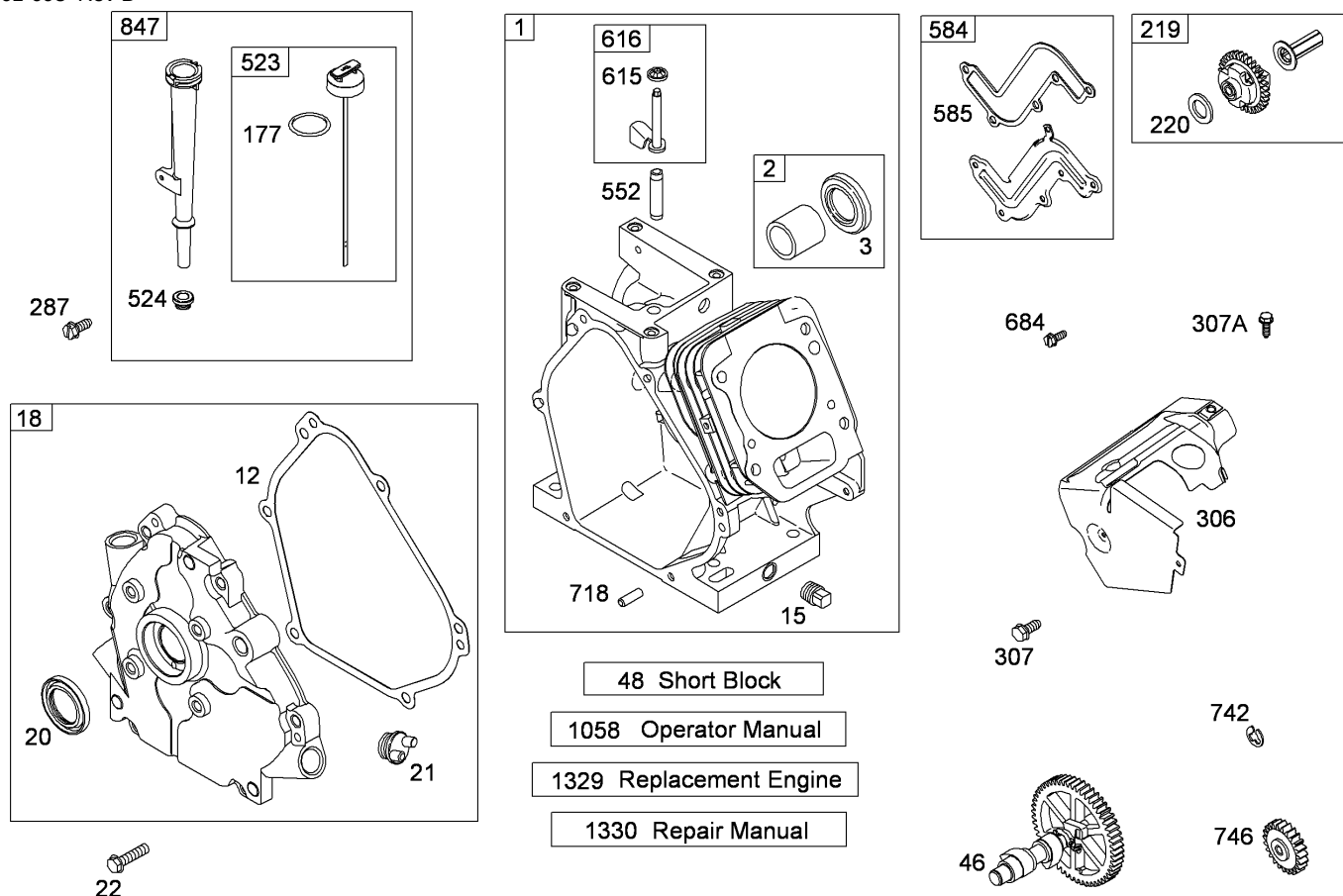


## Wheel Clutch Assembly

| Ref  | Part No.    | Qty. | Description           |
|------|-------------|------|-----------------------|
| ❶ 1  |             | 1    | RH Wheel And Tire ASM |
| 1:1  | 107-3042    | 1    | Tire                  |
| 1:2  | 107-3043    | 1    | Rim-Tire              |
| 1:3  | 232-27      | 1    | Stem-Valve            |
| 4    | 3296-42     | 8    | Nut-Lock, NI          |
| 6    | 106-4480    | 1    | Wheel-Friction        |
| 7    | 321-4       | 4    | Screw-HH              |
| 13   | 32144-10    | 4    | Screw-HWH             |
| 14   | 106-4558    | 2    | Bearing-Axle          |
| 15   | 3-8664      | 4    | Washer-Thrust         |
| 16   | 107-8889    | 4    | Guide-Collar          |
| 17   | 3256-22     | 5    | Washer-Flat           |
| 18   | 107-8892-03 | 1    | Brace-Collar, Shift   |
| 20   | 107-8893    | 2    | Spring-Extension      |
| 21   | 108-0015    | 4    | Washer-Flat           |
| 22   | 107-8894    | 2    | 11T Gear ASM          |
| 22:2 | 108-2973    | 2    | Bushing-Flange        |
| 23   | 108-0016    | 2    | Chain-Roller          |
| 23   | 2710-6      | 2    | Link-Connecting       |
| 24   | 107-8888    | 1    | Collar-Shift, RH      |
| 25   | 321-23      | 2    | Screw-HH              |
| 26   | 107-8883    | 1    | Shaft-Intermediate    |
| 27   | 3290-343    | 2    | Pin-Hair              |
| 28   | 107-8887    | 1    | Collar-Shift, LH      |

| Ref  | Part No. | Qty. | Description           |
|------|----------|------|-----------------------|
| 29   | 108-2975 | 2    | Screw-HH              |
| 30   | 107-8891 | 2    | Washer-Thrust         |
| 31   | 3257-7   | 2    | Key-Woodruff          |
| 32   | 107-8898 | 2    | Shaft-Axle            |
| 33   | 106-4572 | 2    | Gear-Axle, 44 Tooth   |
| 34   | 322-17   | 1    | Screw-HH              |
| 35   | 3296-47  | 1    | Nut-Lock, NI          |
| 36   | 106-7259 | 1    | Tube-Axle             |
| ❶ 37 |          | 1    | LH Wheel And Tire ASM |
| 37:1 | 107-3042 | 1    | Tire                  |
| 37:2 | 107-3043 | 1    | Rim-Tire              |
| 37:3 | 232-27   | 1    | Stem-Valve            |
| 40   | 32144-14 | 2    | Screw-HWHTF           |
| 41   | 55-9370  | 2    | Spacer-Blade, Rotor   |
| 42   | 108-7314 | 1    | Shaft-Hex             |
| 43   | 106-4434 | 1    | Trunion-Hex           |
| 44   | 32121-9  | 2    | Pin-Roll, Slotted     |
| 45   | 94-8850  | 2    | Key-Square            |
| 46   | 3245-32  | 4    | Screw-HSH             |
| 47   | 106-7317 | 2    | Sprocket-8 Tooth      |
| 48   | 108-7319 | 2    | Retainer-Bearing      |





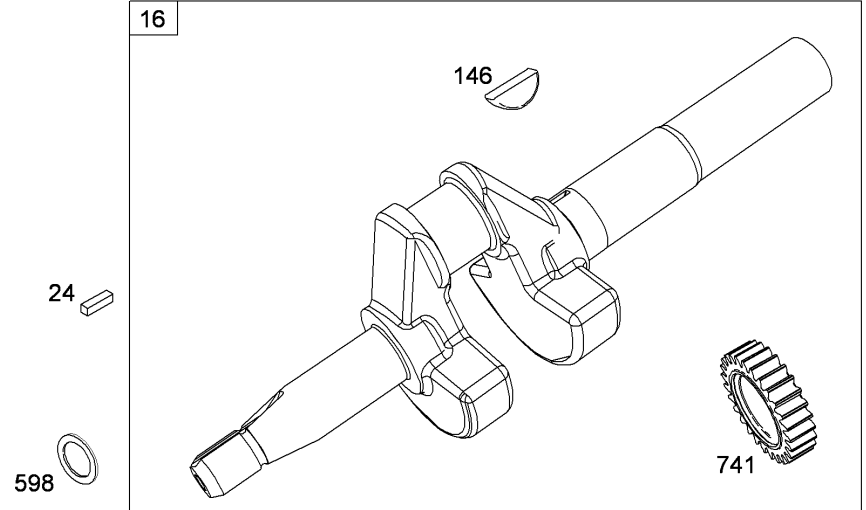
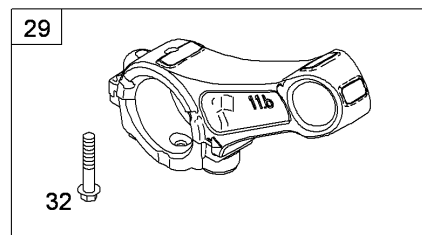
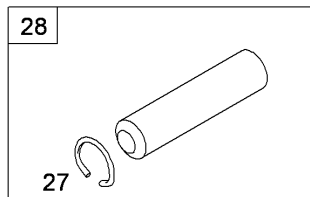
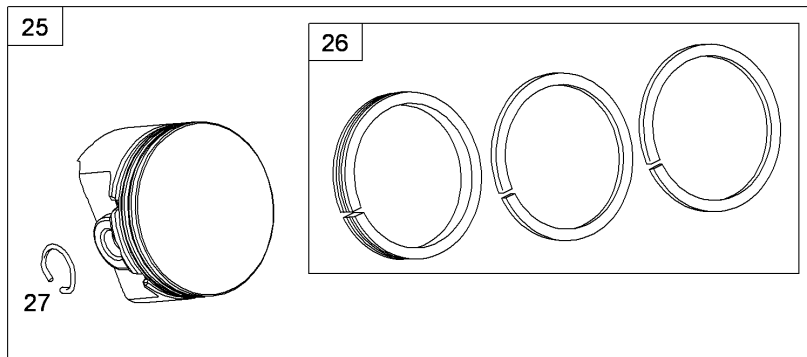
Assemblies include all parts shown in frames

# Cylinder Assembly

## Briggs and Stratton 15D104-0113-E8

| Ref   | Part No. | Qty. | Description                        |
|-------|----------|------|------------------------------------|
| 21    | 794188   | 1    | Cylinder ASM                       |
| 22    | 399269   | 1    | Bushing And Seal Kit (Magnetoside) |
| 243   | 299819s  | 1    | Seal-Oil (Magnetoside)             |
| 2412  | 699485   | 1    | Gasket-Cover, Crankcase            |
| 215   | 691686   | 1    | Plug-Drain, Oil (Square Head)      |
| 218   | 699696   | 1    | Cover-Crankcase                    |
| 2420  | 692550   | 1    | Seal-Oil                           |
| 221   | 281658S  | 1    | Cap-Fill, Oil                      |
| 222   | 699478   | 1    | Screw (Crankcase Cover To Sump)    |
| 246   | 693404   | 1    | Camshaft                           |
| 248   | 791711   | 1    | Short Block                        |
| 2177  | 691031   | 1    | Seal-O Ring (Dipstick)             |
| 2219  | 693578   | 1    | Gear-Governor                      |
| 2220  | 691724   | 1    | Washer (Governor Gear)             |
| 2287  | 699629   | 1    | Screw (Dipstick Tube)              |
| 2306  | 695710   | 1    | Shield-Cylinder                    |
| 2307  | 699483   | 1    | Screw (Cylinder Shield) (M4)       |
| 2307A | 699234   | 1    | Screw (Cylinder Shield) (M5)       |
| 2523  | 693618   | 1    | Dipstick                           |
| 2524  | 281730s  | 1    | Seal-Dipstick Tube                 |
| 2552  | 692346   | 1    | Bushing-Crank, Governor            |
| 2584  | 791759   | 1    | Cover-Passage, Breather            |

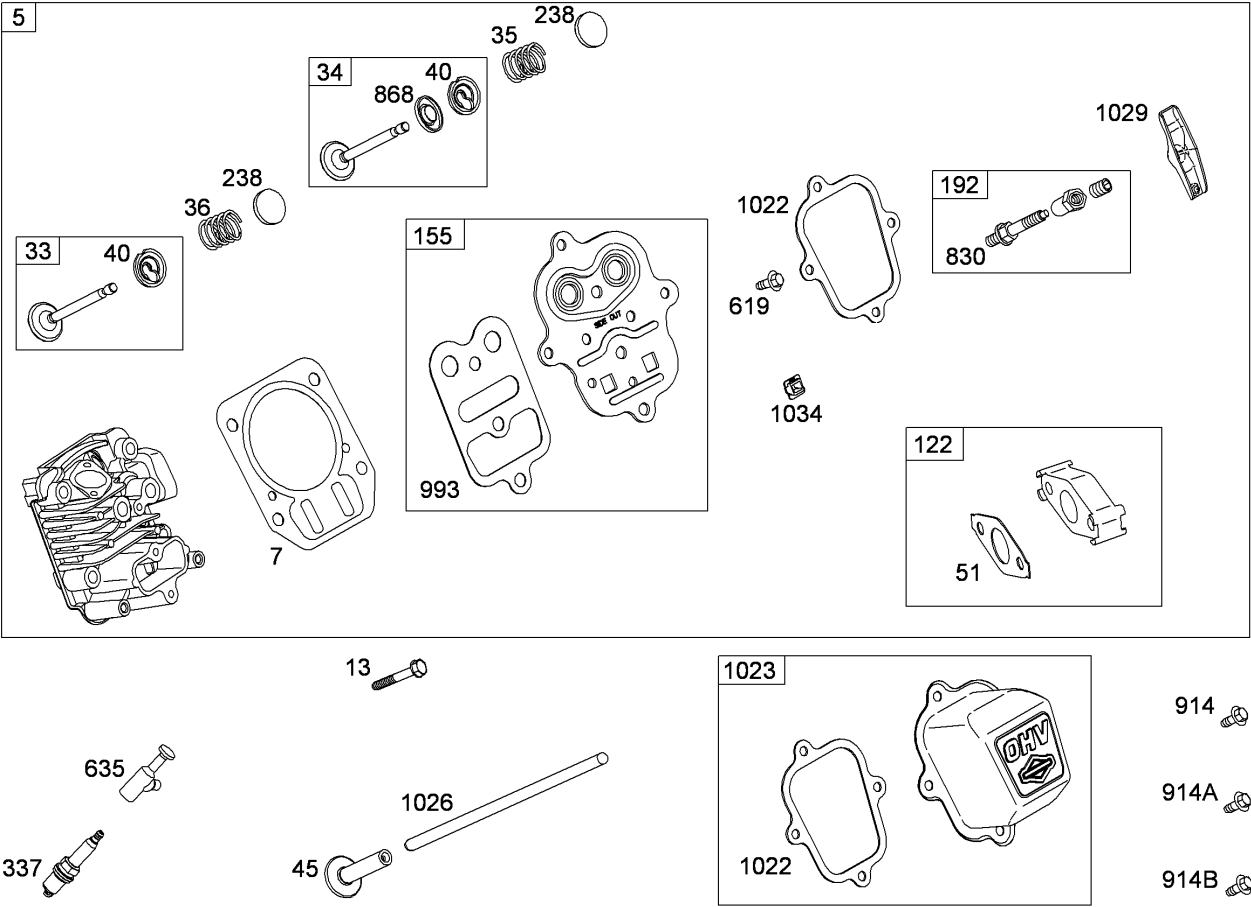
| Ref        | Part No. | Qty. | Description                    |
|------------|----------|------|--------------------------------|
| 24585<br>5 | 791760   | 1    | Cup-Flywheel                   |
| 2615       | 692576   | 1    | Retainer-Shaft, Governor       |
| 2616       | 692547   | 1    | Crank-Governor                 |
| 2684       | 793369   | 1    | Screw (Breather Passage Cover) |
| 2718       | 690959   | 1    | Pin-Locating                   |
| 2742       | 692564   | 1    | Retainer-E Ring                |
| 2746       | 790278   | 1    | Gear-Idler                     |
| 2847       | 693617   | 1    | Dipstick And Tube ASM          |
| 21058      | 277104   | 1    | Operator Manual                |



Assemblies include all parts shown in frames

# Crankshaft, Piston, Ring and Connecting Rod Assembly Briggs and Stratton 15D104-0113-E8

| Ref   | Part No.    | Qty. | Description                |  |  |  |  |
|-------|-------------|------|----------------------------|--|--|--|--|
| 216   | 699454      | 1    | Crankshaft                 |  |  |  |  |
| 224   | 222698s     | 1    | Key-Flywheel               |  |  |  |  |
| 225   | 791786      | 1    | Piston ASM (Standard)      |  |  |  |  |
| 225   | 791791      | 1    | Piston ASM (.020 Oversize) |  |  |  |  |
| 226   | 791787      | 1    | Ring Set (Standard)        |  |  |  |  |
| 226   | 791792      | 1    | Ring Set (.020 Oversize)   |  |  |  |  |
| 227   | 690975      | 1    | Lock-Pin, Piston           |  |  |  |  |
| 228   | 690229      | 1    | Pin-Piston (STD)           |  |  |  |  |
| 229   | 791783      | 1    | Rod-Connecting             |  |  |  |  |
| 232   | 791784      | 1    | Screw (Connecting Rod)     |  |  |  |  |
| 2146  | 690979      | 1    | Key-Timing                 |  |  |  |  |
| 2598  | 220624      | 1    | Shim-End Play (Crankshaft) |  |  |  |  |
| 2741  | 695087      | 1    | Gear-Timing                |  |  |  |  |
| 21329 | 15D114-0020 | 1    | Replacement Engine         |  |  |  |  |
| 21330 | 272147      | 1    | Repair Manual              |  |  |  |  |

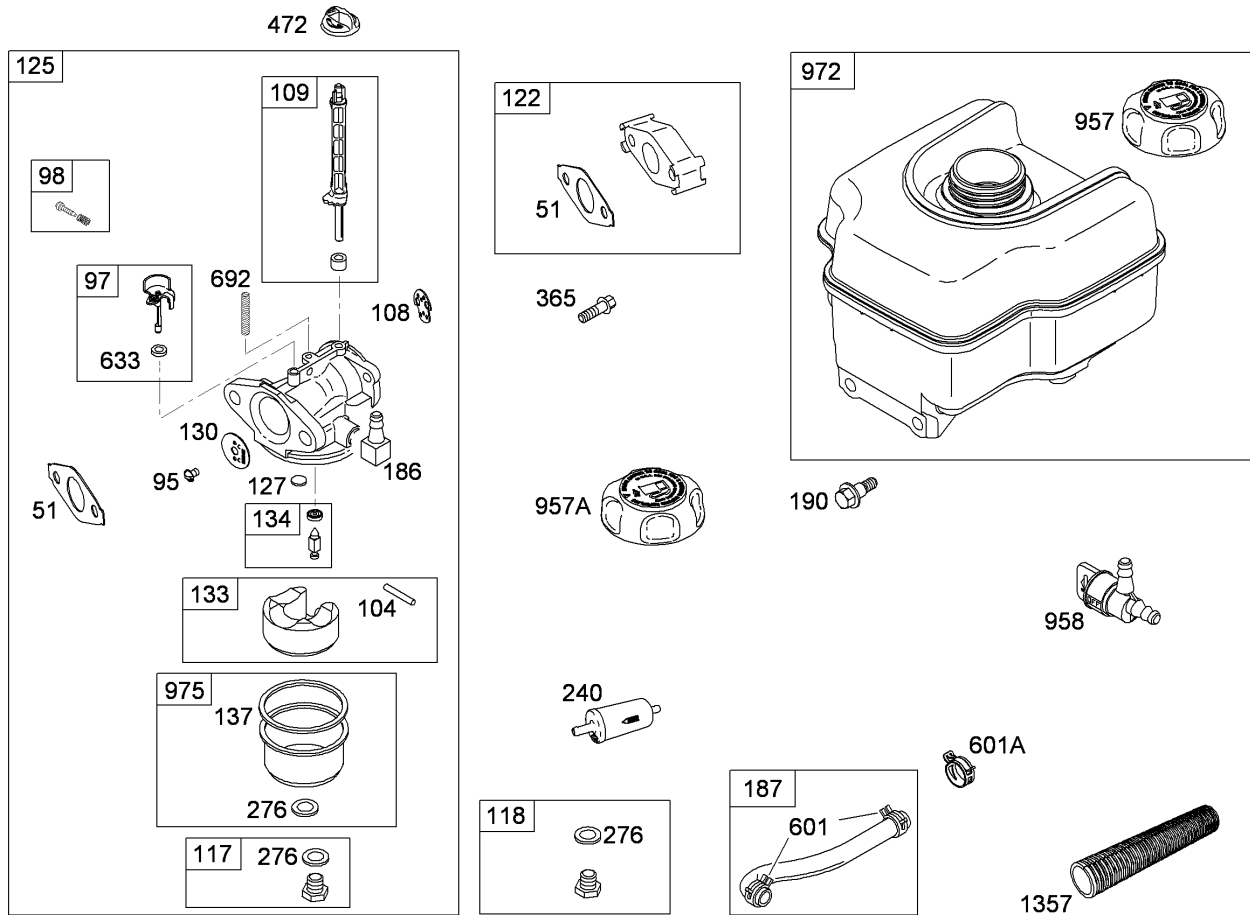


Assemblies include all parts shown in frames

# Cylinder Head Assembly

## Briggs and Stratton 15D104-0113-E8

| Ref   | Part No. | Qty. | Description                   | Ref    | Part No. | Qty. | Description                 |
|-------|----------|------|-------------------------------|--------|----------|------|-----------------------------|
| 25    | 791720   | 1    | Head-Cylinder                 | 24993  | 694088   | 1    | Gasket-Head Plate, Cylinder |
| 247   | 791716   | 1    | Gasket-Head, Cylinder         | 5      |          |      |                             |
| 5     |          |      |                               | 241022 | 691890   | 1    | Gasket-Cover, Rocker        |
| 213   | 699482   | 1    | Screw (Cylinder Head)         | 5      |          |      |                             |
| 233   | 499642   | 1    | Valve-Exhaust                 | 21023  | 499924   | 1    | Cover-Arm, Rocker           |
| 234   | 499641   | 1    | Valve-Intake                  | 21026  | 790287   | 1    | Rod-Push                    |
| 235   | 691304   | 1    | Spring-Valve (Intake)         | 21029  | 691230   | 1    | Arm-Rocker                  |
| 236   | 691304   | 1    | Spring-Valve (Exhaust)        | 21034  | 691343   | 1    | Guide-Rod, Push             |
| 240   | 692194   | 1    | Retainer-Valve                |        |          |      |                             |
| 245   | 690977   | 1    | Tappet-Valve                  |        |          |      |                             |
| 2551  | 791718   | 1    | Gasket-Intake                 |        |          |      |                             |
| 45    |          |      |                               |        |          |      |                             |
| 2122  | 791717   | 1    | Spacer-Carburetor             |        |          |      |                             |
| 2155  | 698214   | 1    | Plate-Head, Cylinder          |        |          |      |                             |
| 2192  | 694543   | 1    | Adjuster-Arm, Rocker          |        |          |      |                             |
| 2238  | 691300   | 1    | Cap-Valve                     |        |          |      |                             |
| 2337  | 691043   | 1    | Spark Plug                    |        |          |      |                             |
| 2619  | 699480   | 1    | Screw (Cylinder Head Plate)   |        |          |      |                             |
| 2635  | 692927   | 1    | Boot-Sparkplug                |        |          |      |                             |
| 2830  | 694544   | 1    | Stud-Arm, Rocker              |        |          |      |                             |
| 24868 | 795440   | 1    | Seal-Valve                    |        |          |      |                             |
| 5     |          |      |                               |        |          |      |                             |
| 2914  | 699480   | 1    | Screw (Rocker Cover) (Bottom) |        |          |      |                             |
| 2914A | 692557   | 1    | Screw (Rocker Cover) (Top)    |        |          |      |                             |
| 2914B | 697551   | 1    | Screw (Rocker Cover) (Sides)  |        |          |      |                             |

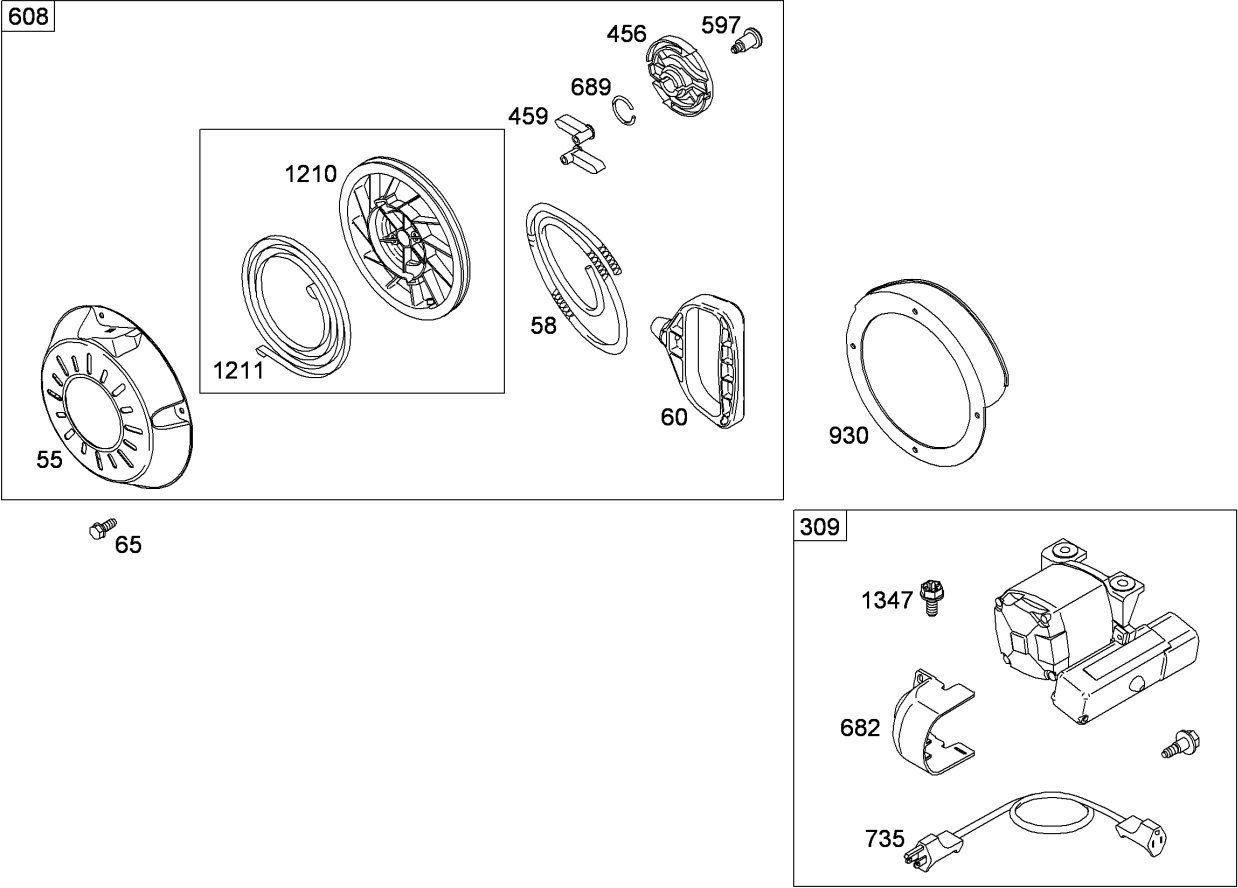


Assemblies include all parts shown in frames

## Carburetor and Fuel Tank Assembly Briggs and Stratton 15D104-0113-E8

| Ref   | Part No. | Qty. | Description              |
|-------|----------|------|--------------------------|
| 2 51  | 791718   | 1    | Gasket-Intake            |
| 1 95  |          |      |                          |
| 2 95  | 691636   | 1    | Screw (Throttle Valve)   |
| 2 97  | 690024   | 1    | Shaft-Throttle           |
| 2 98  | 398185   | 1    | Idle Speed Kit           |
| 2 104 | 691242   | 1    | Pin-Hinge, Float         |
| 2 108 | 695807   | 1    | Valve-Choke              |
| 2 109 | 791957   | 1    | Shaft-Choke              |
| 2 117 | 691428   | 1    | Jet-Main (Standard)      |
| 2 118 | 690048   | 1    | Jet-Main (High Altitude) |
| 2 122 | 791717   | 1    | Spacer-Carburetor        |
| 2 125 | 794588   | 1    | Carburetor               |
| 2 127 | 691739   | 1    | Plug-Welch               |
| 2 130 | 691181   | 1    | Valve-Throttle           |
| 2 133 | 398187   | 1    | Float-Carburetor         |
| 2 134 | 398188   | 1    | Needle And Seat Kit      |
| 2 137 | 693981   | 1    | Gasket-Bowl, Float       |
| 2 186 | 692317   | 1    | Connector-Hose           |
| 2 187 | 791867   | 1    | Line-Fuel (Molded)       |
| 2 190 | 699220   | 1    | Screw (Fuel Tank)        |
| 2 240 | 695666   | 1    | Filter-Fuel              |
| 2 276 | 271716   | 1    | Washer-Sealing           |
| 2 291 | 790830   | 1    | Thermostat               |
| 2 365 | 699484   | 1    | Screw (Carburetor)       |

| Ref    | Part No. | Qty. | Description                 |
|--------|----------|------|-----------------------------|
| 2 472  | 791958   | 1    | Knob-Choke Shaft            |
| 2 601  | 791850   | 1    | Clamp-Hose (Green)          |
| 2 601A | 691038   | 1    | Clamp-Hose (Black)          |
| 2 633  | 691321   | 1    | Seal-Shaft, Choke Throttle  |
| 2 692  | 690572   | 1    | Spring-Detent               |
| 2 972  | 694260   | 1    | Tank-Fuel                   |
| 2 957  | 795027   | 1    | Cap-Fuel Tank               |
| 2 957A | 792647   | 1    | Cap-Fuel Tank (Fresh Start) |
| 2 958  | 698180   | 1    | Valve-Shut Off, Fuel        |
| 2 975  | 790559   | 1    | Bowl-Float                  |
| 2 1357 | 794700   | 1    | Sleeve-Fuel Line            |

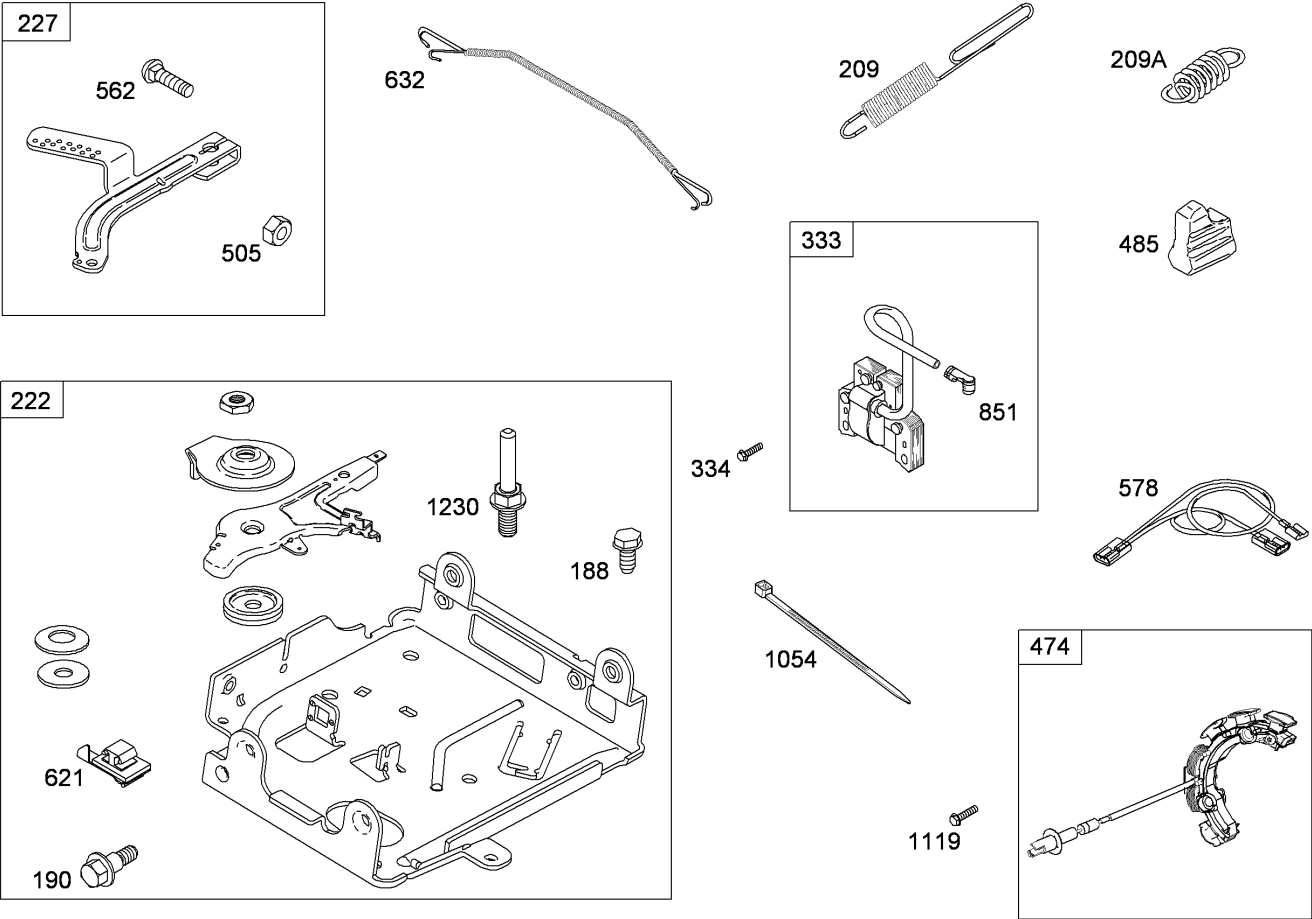


Assemblies include all parts shown in frames

# Rewind Starter and Starter Motor Assembly

## Briggs and Stratton 15D104-0113-E8

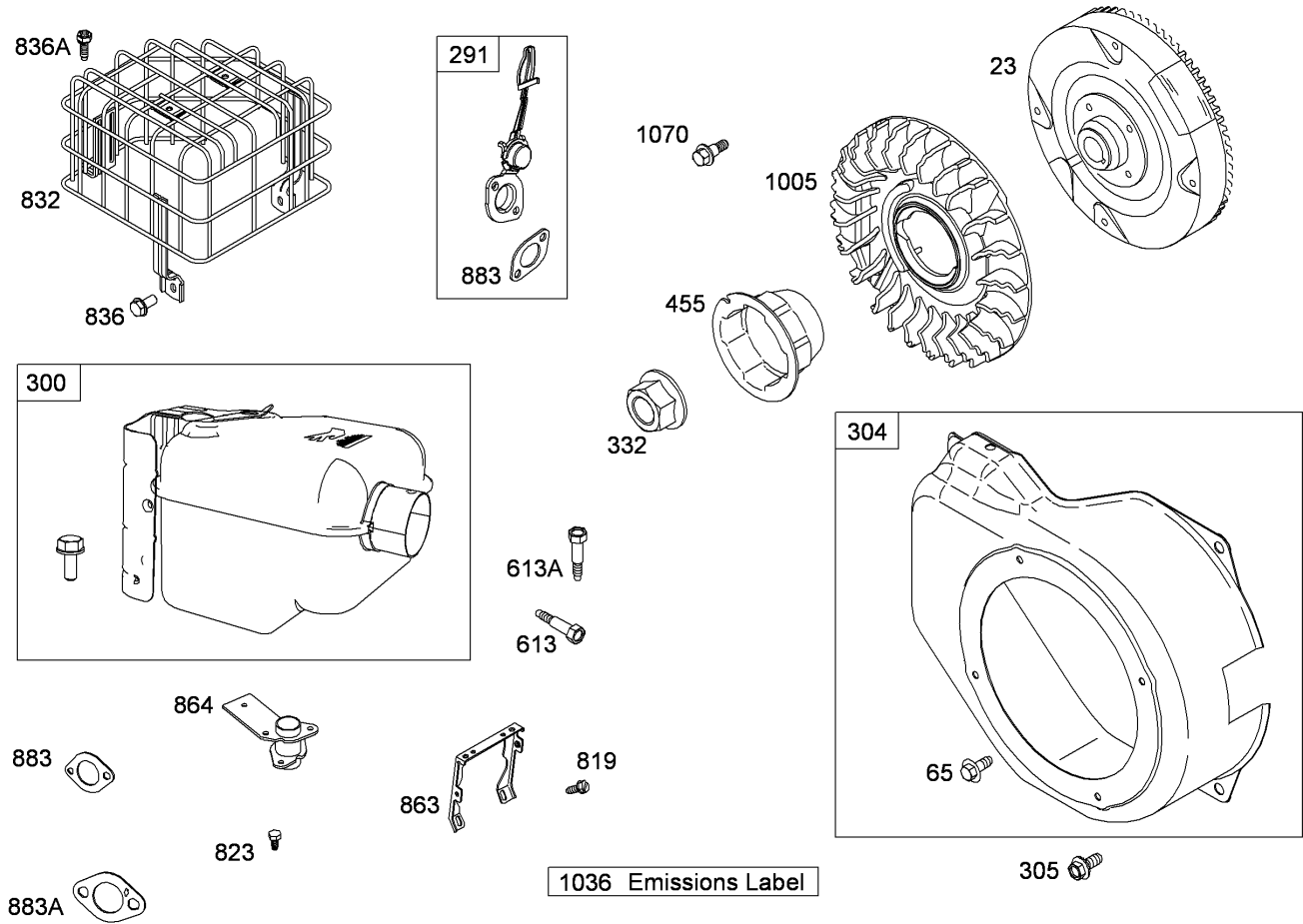
| Ref   | Part No. | Qty. | Description                    |  |  |  |  |
|-------|----------|------|--------------------------------|--|--|--|--|
| 255   | 696710   | 1    | Housing-Starter, Rewind        |  |  |  |  |
| 258   | 693389   | 1    | Rope-Starter                   |  |  |  |  |
| 260   | 699334   | 1    | Grip-Starter Rope              |  |  |  |  |
| 265   | 699228   | 1    | Screw (Rewind Starter)         |  |  |  |  |
| 2309  | 793667   | 1    | Motor-Starter                  |  |  |  |  |
| 2456  | 692299   | 1    | Plate-Friction, Pawl           |  |  |  |  |
| 2459  | 281505s  | 1    | Ratchet-Pawl                   |  |  |  |  |
| 2597  | 691696   | 1    | Screw (Pawl Friction Plate)    |  |  |  |  |
| 2608  | 699335   | 1    | Starter-Rewind                 |  |  |  |  |
| 2682  | 698039   | 1    | Shield-Starter                 |  |  |  |  |
| 2689  | 691855   | 1    | Spring-Friction                |  |  |  |  |
| 2735  | 795901   | 1    | Cord-Starter                   |  |  |  |  |
| 2930  | 696709   | 1    | Guard-Rewind                   |  |  |  |  |
| 21009 | 790537   | 1    | Screw (Starter Motor)          |  |  |  |  |
| 21210 | 498144   | 1    | Pulley And Spring ASM (Pulley) |  |  |  |  |
| 21211 | 498144   | 1    | Pulley And Spring ASM (Spring) |  |  |  |  |
| 21347 | 699200   | 1    | Screw (Starter Shield)         |  |  |  |  |



Assemblies include all parts shown in frames

**Governor, Controls and Ignition Assembly**  
**Briggs and Stratton 15D104-0113-E8**

| Ref   | Part No. | Qty. | Description                      |  |  |  |  |
|-------|----------|------|----------------------------------|--|--|--|--|
| 2188  | 699479   | 1    | Screw (Control Bracket)          |  |  |  |  |
| 2190  | 699220   | 1    | Screw (Fuel Tank)                |  |  |  |  |
| 2209  | 692571   | 1    | Spring-Governor                  |  |  |  |  |
| 2209A | 691278   | 1    | Spring-Governor (Platinum)       |  |  |  |  |
| 2222  | 793109   | 1    | Bracket-Control                  |  |  |  |  |
| 2227  | 794367   | 1    | Lever-Control, Governor          |  |  |  |  |
| 2333  | 695711   | 1    | Armature-Magneto                 |  |  |  |  |
| 2334  | 699477   | 1    | Screw (Magneto Armature)         |  |  |  |  |
| 2474  | 793640   | 1    | Alternator                       |  |  |  |  |
| 2485  | 695755   | 1    | Knob-Control                     |  |  |  |  |
| 2505  | 691251   | 1    | Nut (Governor Control Lever)     |  |  |  |  |
| 2562  | 691119   | 1    | Bolt (Governor Control Lever)    |  |  |  |  |
| 2578  | 794819   | 1    | Wire ASM                         |  |  |  |  |
| 2621  | 692310   | 1    | Switch-Stop                      |  |  |  |  |
| 2632  | 692653   | 1    | Link-Spring, Mechanical Governor |  |  |  |  |
| 2851  | 493880s  | 1    | Terminal-Spark Plug              |  |  |  |  |
| 21054 | 280275   | 1    | Tie-Cable                        |  |  |  |  |
| 21119 | 699772   | 1    | Screw (Alternator)               |  |  |  |  |
| 21230 | 699847   | 1    | Stud (Control Bracket)           |  |  |  |  |



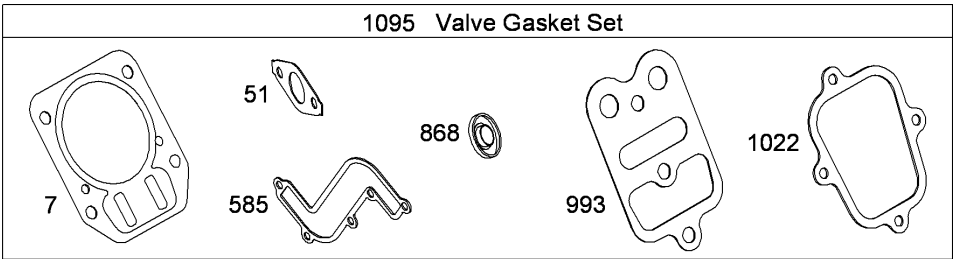
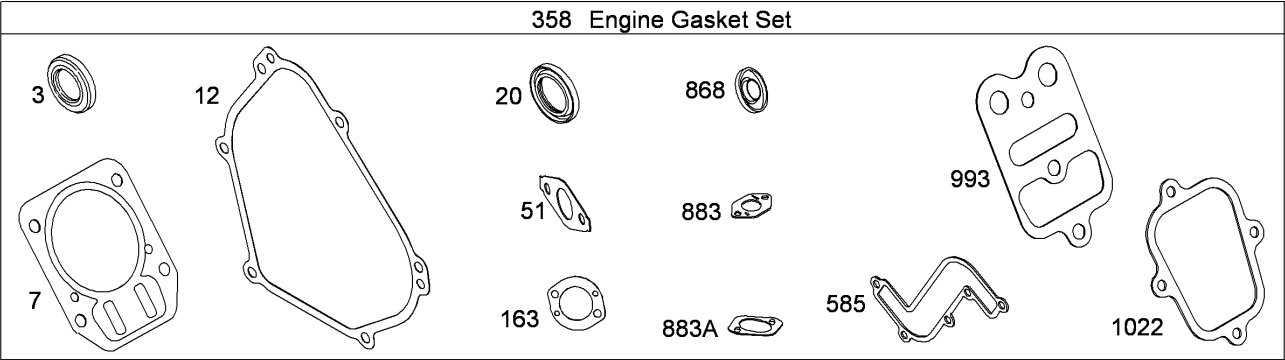
Assemblies include all parts shown in frames

# Muffler, Blower Housing and Flywheel Assembly

## Briggs and Stratton 15D104-0113-E8

| Ref  | Part No. | Qty. | Description                      |  |  |  |  |
|------|----------|------|----------------------------------|--|--|--|--|
| 23   | 699516   | 1    | Flywheel                         |  |  |  |  |
| 65   | 699228   | 1    | Screw (Rewind Starter)           |  |  |  |  |
| 300  | 794726   | 1    | Muffler                          |  |  |  |  |
| 304  | 699598   | 1    | Housing-Blower                   |  |  |  |  |
| 305  | 699480   | 1    | Screw (Muffler) (M6)             |  |  |  |  |
| 332  | 792723   | 1    | Nut (Flywheel)                   |  |  |  |  |
| 455  | 692591   | 1    | Cup-Flywheel                     |  |  |  |  |
| 613  | 697812   | 1    | Screw (Muffler)                  |  |  |  |  |
| 613A | 699480   | 1    | Screw (Muffler) (M6)             |  |  |  |  |
| 819  | 699223   | 1    | Screw (Muffler Bracket)          |  |  |  |  |
| 823  | 791972   | 1    | Screw (Muffler Adapter)          |  |  |  |  |
| 832  | 699313   | 1    | Guard-Muffler                    |  |  |  |  |
| 836  | 699209   | 1    | Screw (Muffler Guard)            |  |  |  |  |
| 836A | 699234   | 1    | Screw (Muffler Guard) (M5)       |  |  |  |  |
| 863  | 699849   | 1    | Bracket-Muffler                  |  |  |  |  |
| 864  | 699232   | 1    | Adapter-Muffler                  |  |  |  |  |
| 883  | 692237   | 1    | Gasket-Exhaust (Muffler Adapter) |  |  |  |  |
| 883A | 691893   | 1    | Gasket-Exhaust (Muffler)         |  |  |  |  |
| 1005 | 692592   | 1    | Fan-Flywheel                     |  |  |  |  |
| 1036 |          | 1    | Label-Emissions                  |  |  |  |  |
| 1070 | 699201   | 1    | Screw (Flywheel Fan)             |  |  |  |  |

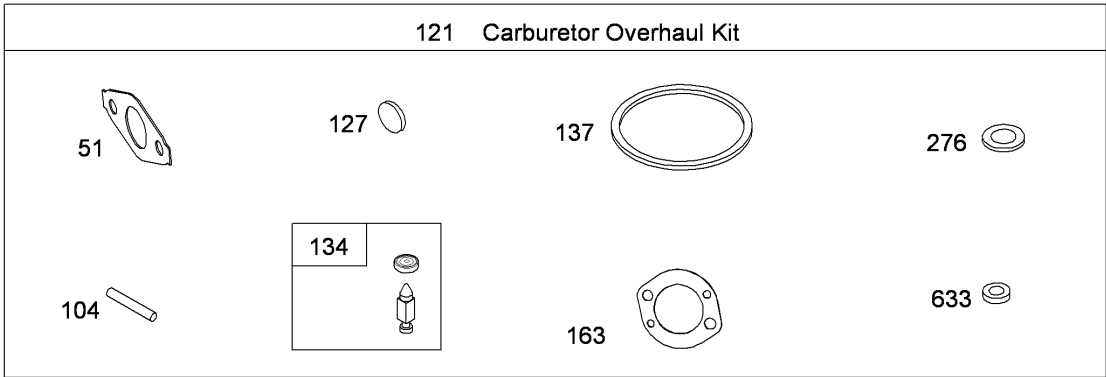




Assemblies include all parts shown in frames

Engine and Valve Gasket Sets  
Briggs and Stratton 15D104-0113-E8

| Ref    | Part No. | Qty. | Description                      |  |  |  |  |
|--------|----------|------|----------------------------------|--|--|--|--|
| 243    | 299819s  | 1    | Seal-Oil (Magneto Side)          |  |  |  |  |
| 247    | 791716   | 1    | Gasket-Head, Cylinder            |  |  |  |  |
| 5      |          |      |                                  |  |  |  |  |
| 2412   | 699485   | 1    | Gasket-Cover, Crankcase          |  |  |  |  |
| 2420   | 692550   | 1    | Seal-Oil (PTO Side)              |  |  |  |  |
| 2351   | 791718   | 1    | Gasket-Intake                    |  |  |  |  |
| 45     |          |      |                                  |  |  |  |  |
| 23163  | 696024   | 1    | Gasket-Air Cleaner               |  |  |  |  |
| 4      |          |      |                                  |  |  |  |  |
| 2358   | 791797   | 1    | Engine Gasket Set                |  |  |  |  |
| 24585  | 791760   | 1    | Cup-Flywheel                     |  |  |  |  |
| 5      |          |      |                                  |  |  |  |  |
| 24868  | 795440   | 1    | Seal-Valve                       |  |  |  |  |
| 5      |          |      |                                  |  |  |  |  |
| 24883  | 692237   | 1    | Gasket-Exhaust (Muffler Adapter) |  |  |  |  |
| 24883A | 691893   | 1    | Gasket-Exhaust (Muffler)         |  |  |  |  |
| 24993  | 694088   | 1    | Gasket-Head Plate, Cylinder      |  |  |  |  |
| 5      |          |      |                                  |  |  |  |  |
| 241022 | 691890   | 1    | Gasket-Cover, Rocker             |  |  |  |  |
| 5      |          |      |                                  |  |  |  |  |
| 21095  | 791798   | 1    | Valve Gasket Set                 |  |  |  |  |



Assemblies include all parts shown in frames

**Carburetor Overhaul Kit**  
**Briggs and Stratton 15D104-0113-E8**

| Ref   | Part No. | Qty. | Description                |  |  |  |  |
|-------|----------|------|----------------------------|--|--|--|--|
| 2 51  | 791718   | 1    | Gasket-Intake              |  |  |  |  |
| 1 5   |          |      |                            |  |  |  |  |
| 2 104 | 691242   | 1    | Pin-Hinge, Float           |  |  |  |  |
| 2 121 | 792006   | 1    | Carburetor Overhaul Kit    |  |  |  |  |
| 2 127 | 691739   | 1    | Plug-Welch                 |  |  |  |  |
| 2 134 | 398188   | 1    | Needle And Seat Kit        |  |  |  |  |
| 2 137 | 693981   | 1    | Gasket-Bowl, Float         |  |  |  |  |
| 2 163 | 696024   | 1    | Gasket-Air Cleaner         |  |  |  |  |
| 4     |          |      |                            |  |  |  |  |
| 2 276 | 271716   | 1    | Washer-Sealing             |  |  |  |  |
| 2 633 | 691321   | 1    | Seal-Shaft, Choke Throttle |  |  |  |  |

Attachments and Accessories

For 38637C - Power Max 828 OXE Snowthrower

| Product Name                | Model/Part |
|-----------------------------|------------|
| Tire Chain Kit .....        | 107-3813   |
| Snow Cab .....              | 107-3814   |
| Weight Kit .....            | 107-3815   |
| 28 Inch Drift Breaker ..... | 107-3817   |

## NOTES

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