



## 622E Power Throw<sup>®</sup> Snowthrower

Model No. 38607 - 280000001 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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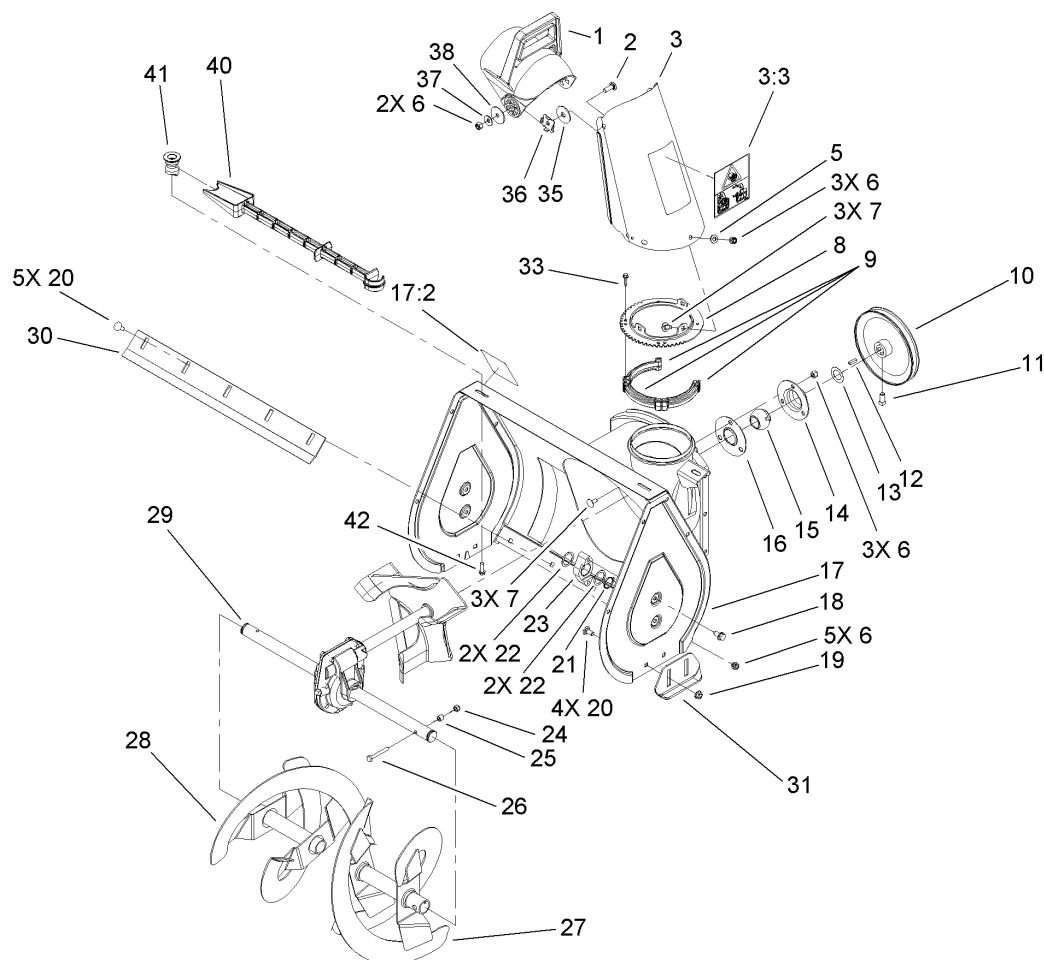
## Part Description Abbreviations

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                    |

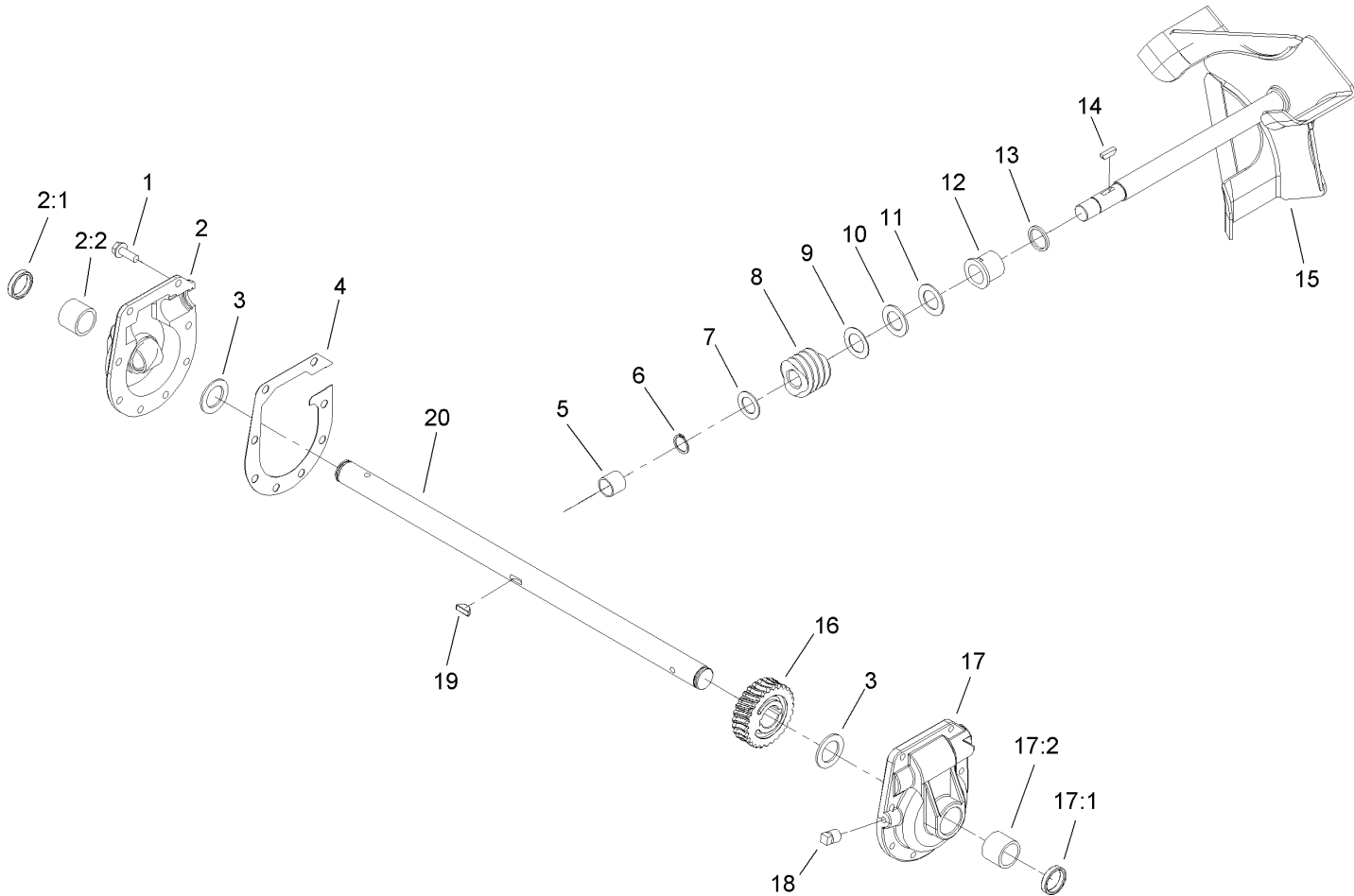
## Footnotes

- |                                          |                                 |
|------------------------------------------|---------------------------------|
| ❶ Not illustrated                        | ❷ Not serviced separately       |
| ❸ Obtain from your local Tecumseh dealer | ❹ Included in Repair Kit 632760 |
| ❺ Included in Gasket Set 36720           |                                 |



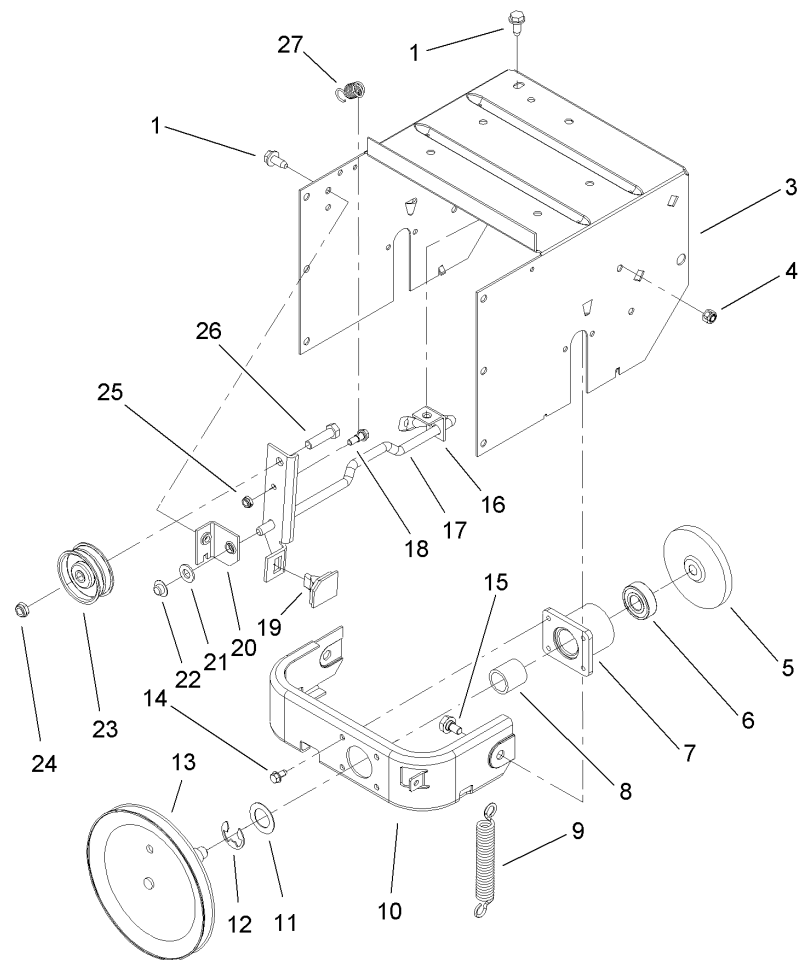
## Auger Housing Assembly

| Ref  | Part No.   | Qty. | Description             | Ref | Part No.    | Qty. | Description           |
|------|------------|------|-------------------------|-----|-------------|------|-----------------------|
| 1    | 56-2680    | 1    | Chute-Deflector         | 24  | 3296-42     | 2    | Nut-Lock, NI          |
| 2    | 3230-22    | 2    | Screw-CARR              | 25  | 66-8010     | 2    | Spacer-Hub, Impeller  |
| 3    | 112-6605   | 1    | Chute ASM               | 26  | 321-11      | 2    | Screw-HH              |
| 3:3  | 112-6620   | 1    | Decal-Danger, Discharge | 27  | 98-2271-03  | 1    | Auger-LH              |
| 5    | 3256-23    | 3    | Washer-Flat             | 28  | 98-2270-03  | 1    | Auger-RH              |
| 6    | 3296-29    | 13   | Nut-Lock, NI            | 29  | 37-6962     | 1    | 22 Inch Gear Case ASM |
| 7    | 3230-18    | 6    | Screw-CARR              | 30  | 100-3554-01 | 1    | Blade-Scraper         |
| 8    | 37-8941-03 | 1    | Ring-Chute              | 31  | 40-8160-01  | 2    | Skid                  |
| 9    | 37-6490    | 3    | Ring-Chute, Retainer    | 33  | 27-0220     | 6    | Screw-Special         |
| 10   | 37-6890    | 1    | Pulley                  | 35  | 20-4320     | 2    | Washer-Rubber         |
| 11   | 3242-4     | 2    | Screw-Set, SQH          | 36  | 55-8950     | 2    | Plate-Friction        |
| 12   | 3257-23    | 1    | Key-Woodruff            | 37  | 3290-456    | 2    | Washer-Belleville     |
| 13   | 3-0737     | 1    | Washer                  | 38  | 3256-68     | 2    | Washer-Flat           |
| 14   | 26-6110    | 1    | Flange-Cup, Bearing     | 40  | 110-3408    | 1    | Stick-Cleanout        |
| 15   | 63-3450    | 1    | Bearing-Ball            | 41  | 110-6275    | 2    | Holder-Stick          |
| 16   | 26-6120    | 1    | Flange-Cup, Bearing     | 42  | 46-8091     | 2    | Screw-HWH             |
| 17   | 112-6641   | 1    | Auger Housing ASM       |     |             |      |                       |
| 17:2 | 107-3040   | 1    | Decal-Danger, Auger     |     |             |      |                       |
| 18   | 32144-70   | 4    | Screw-HWHTF             |     |             |      |                       |
| 19   | 32128-20   | 4    | Nut-HF                  |     |             |      |                       |
| 20   | 3230-1     | 9    | Bolt-CARR               |     |             |      |                       |
| 21   | 32151-36   | 2    | Ring-Retaining          |     |             |      |                       |
| 22   | 5-1550     | 4    | Washer                  |     |             |      |                       |
| 23   | 37-6550    | 2    | Bearing-Augur           |     |             |      |                       |



22 Inch Gear Case Assembly No. 37-6962

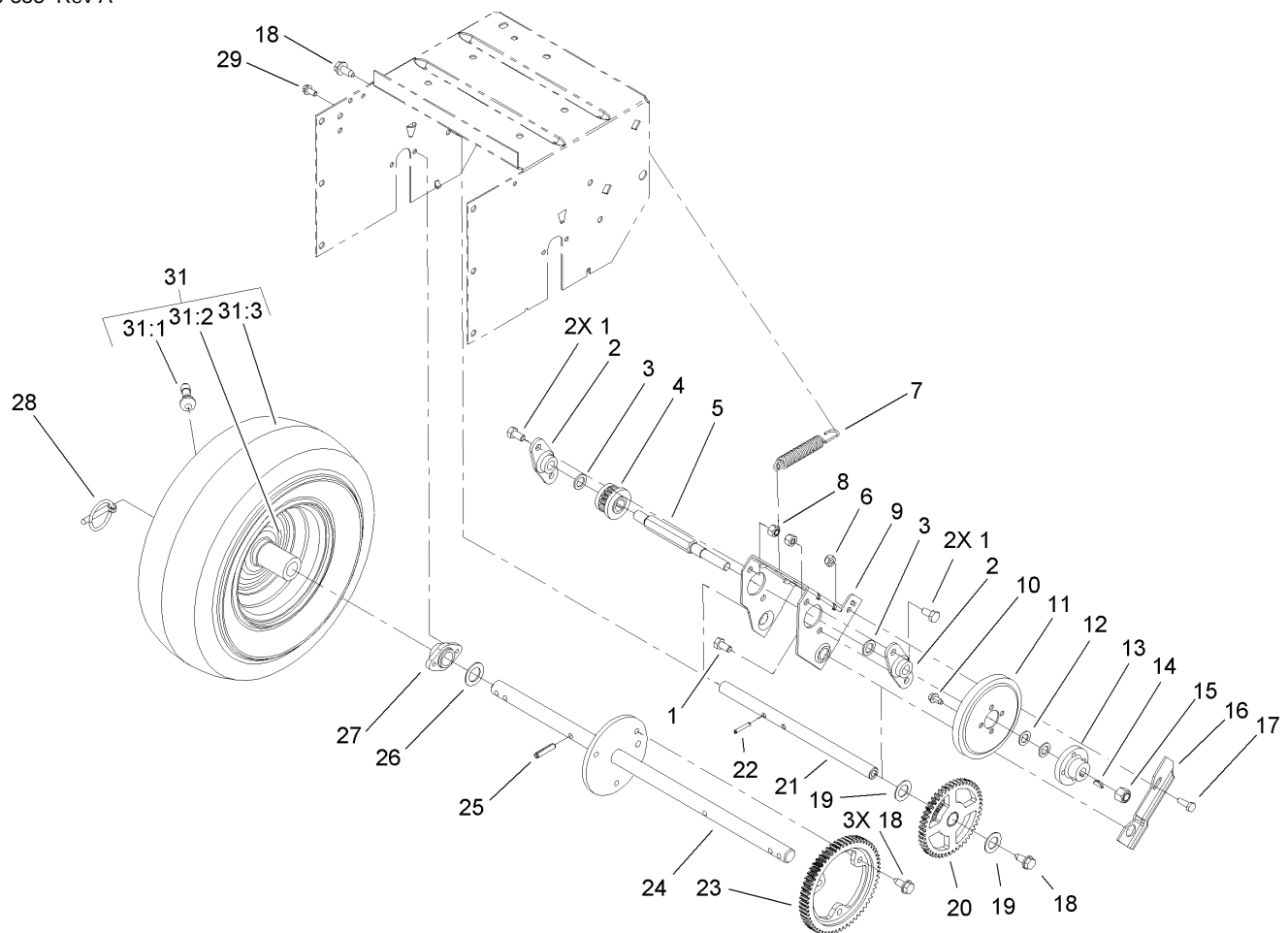
| Ref  | Part No.   | Qty. | Description         |  |  |  |  |
|------|------------|------|---------------------|--|--|--|--|
| 1    | 32144-41   | 8    | Screw-Taptite       |  |  |  |  |
| 2    | 14-2449    | 1    | RH Bushing Case ASM |  |  |  |  |
| 2:1  | 7-0045     | 1    | Seal-Oil            |  |  |  |  |
| 2:2  | 112-6635   | 1    | Bushing-Sleeve      |  |  |  |  |
| 3    | 252-71     | 2    | Washer-Thrust       |  |  |  |  |
| 4    | 51-0460    | 1    | Gasket-Case, Gear   |  |  |  |  |
| 5    | 256-32     | 1    | Bushing             |  |  |  |  |
| 6    | 32120-72   | 1    | Ring-Snap           |  |  |  |  |
| 7    | 3-8664     | 1    | Washer-Thrust       |  |  |  |  |
| 8    | 5-7170     | 1    | Gear                |  |  |  |  |
| 9    | 252-80     | 1    | Washer-Thrust       |  |  |  |  |
| 10   | 252-76     | 1    | Bearing-Thrust      |  |  |  |  |
| 11   | 257-3      | 1    | Washer-Thrust       |  |  |  |  |
| 12   | 37-6560    | 1    | Bushing-Input       |  |  |  |  |
| 13   | 237-87     | 1    | Ring-Quad           |  |  |  |  |
| 14   | 3257-23    | 1    | Key-Woodruff        |  |  |  |  |
| 15   | 37-6990-03 | 1    | Impeller Shaft ASM  |  |  |  |  |
| 16   | 5-7180     | 1    | Gear-Worm, 27T      |  |  |  |  |
| 17   | 14-2459    | 1    | LH Bushing Case ASM |  |  |  |  |
| 17:1 | 7-0045     | 1    | Seal-Oil            |  |  |  |  |
| 17:2 | 112-6635   | 1    | Bushing-Sleeve      |  |  |  |  |
| 18   | 281-1      | 1    | Plug-Pipe, SQH      |  |  |  |  |
| 19   | 3257-33    | 1    | Key-Woodruff        |  |  |  |  |
| 20   | 37-6802    | 1    | Shaft-Auger         |  |  |  |  |



## Frame Assembly

| Ref | Part No.   | Qty. | Description            |
|-----|------------|------|------------------------|
| 1   | 32144-70   | 2    | Screw-HWHTF            |
| 3   | 37-8900-01 | 1    | Frame-Traction         |
| 4   | 3296-29    | 2    | Nut-Lock, NI           |
| 5   | 38-0800    | 1    | Plate-Friction         |
| 6   | 100-1048   | 1    | Bearing-Ball           |
| 7   | 88-0560    | 1    | Hub-Frame, Traction    |
| 8   | 256-322    | 1    | Bushing                |
| 9   | 37-8870    | 1    | Spring-Plate, Friction |
| 10  | 88-0550-03 | 1    | Frame-Front            |
| 11  | 252-80     | 1    | Washer-Thrust          |
| 12  | 32151-103  | 1    | Ring-Snap              |
| 13  | 88-0850    | 1    | Pulley And Drive ASM   |
| 14  | 32144-4    | 4    | Screw-HWH              |
| 15  | 37-8770    | 2    | Bolt-Shoulder          |
| 16  | 37-9070    | 1    | Bracket-Mount, Rear    |
| 17  | 40-6511-03 | 1    | Auger Clutch Rod ASM   |
| 18  | 42-3560    | 1    | Bolt-Shoulder          |
| 19  | 66-8060    | 1    | Pad-Brake              |
| 20  | 66-6790    | 1    | Bracket-Mount, Front   |
| 21  | 3256-24    | 1    | Washer-Flat            |
| 22  | 3290-320   | 1    | Retainer-Push On       |
| 23  | 3-4244     | 1    | Pulley-Idler           |
| 24  | 3296-59    | 1    | Nut-Lock, NI           |
| 25  | 3296-56    | 1    | Nut-Lock, NI           |

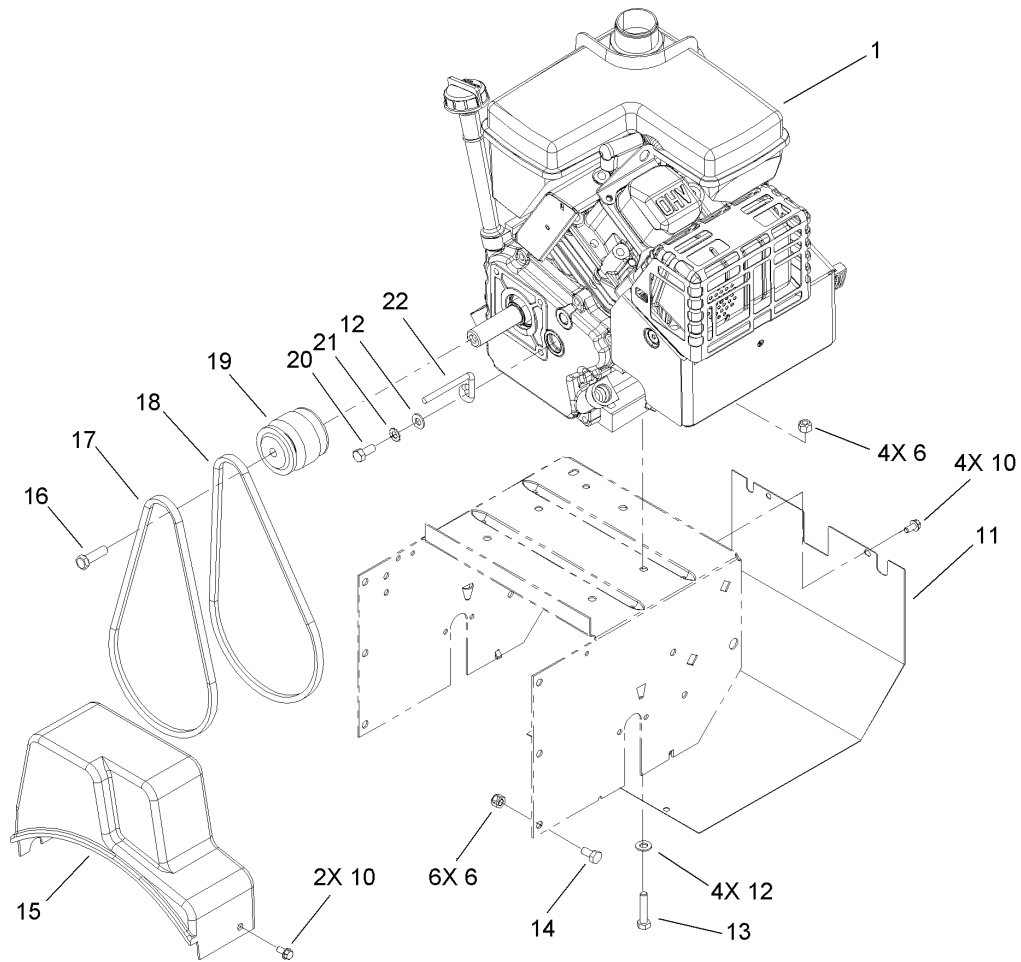
| Ref | Part No. | Qty. | Description |
|-----|----------|------|-------------|
| 26  | 323-29   | 1    | Screw-HH    |
| 27  | 53-7570  | 1    | Spring      |



## Drive Assembly

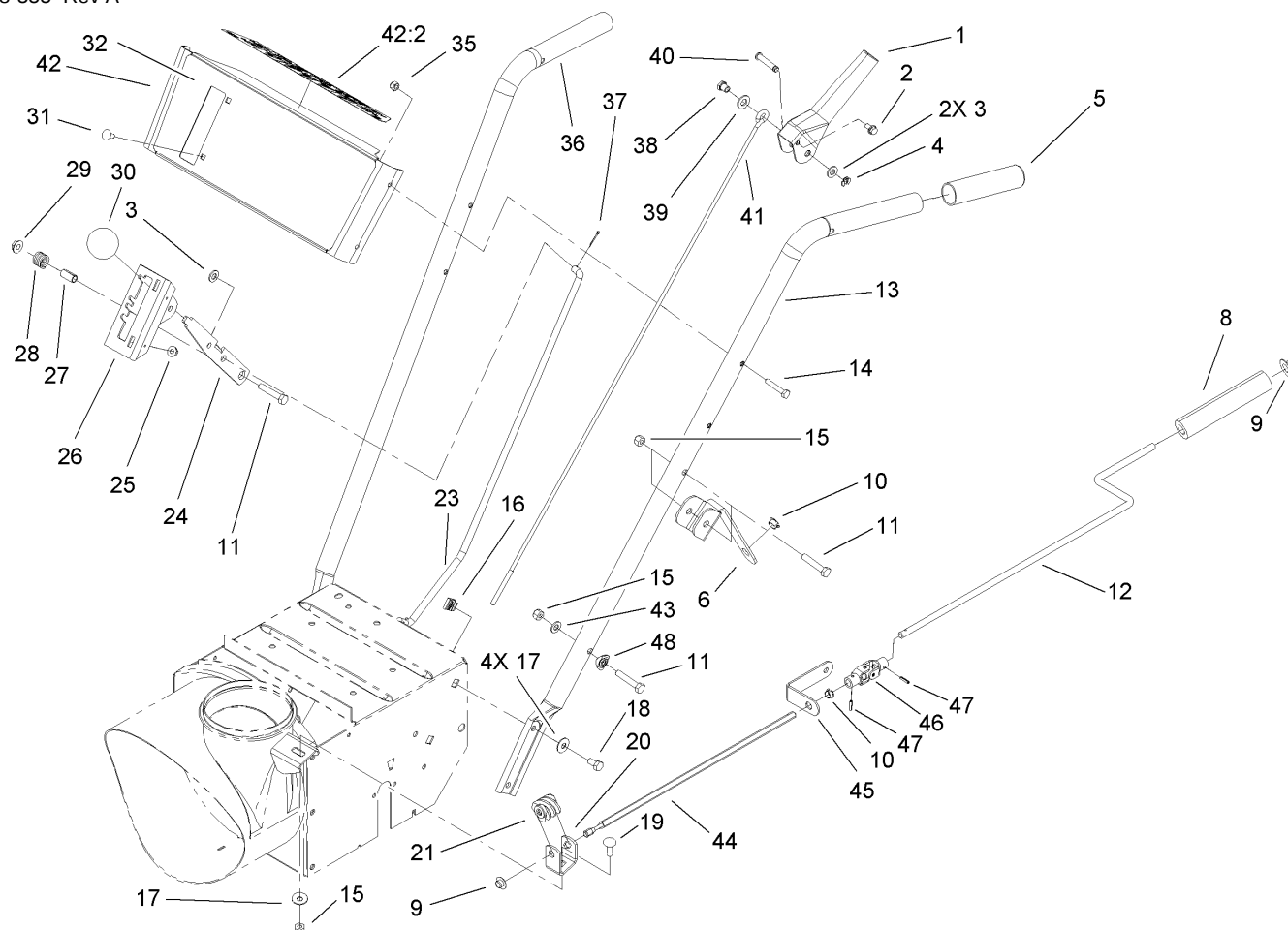
| Ref | Part No. | Qty. | Description                   |
|-----|----------|------|-------------------------------|
| 1   | 322-2    | 4    | Screw-HH                      |
| 2   | 20-1620  | 2    | Bearing-Wheel, Friction       |
| 3   | 5-7570   | 2    | Washer-Flat                   |
| 4   | 37-6500  | 1    | Pinion                        |
| 5   | 37-6780  | 1    | Shaft-Wheel, Friction         |
| 6   | 3296-16  | 1    | Nut-Lock, NI                  |
| 7   | 37-8880  | 1    | Spring-Traction               |
| 8   | 3296-29  | 4    | Nut-Lock, NI                  |
| 9   | 39-1230  | 1    | Bracket-Sliding               |
| 10  | 32144-4  | 4    | Screw-HWH                     |
| 11  | 37-6570  | 1    | Wheel-Friction                |
| 12  | 36-4790  | 2    | Washer-Thrust                 |
| 13  | 39-1520  | 1    | Hub-Wheel, Friction           |
| 14  | 3257-24  | 1    | Key-Woodruff                  |
| 15  | 3296-48  | 1    | Nut-Lock, NI                  |
| 16  | 39-1250  | 1    | Cam-Receiver                  |
| 17  | 321-4    | 1    | Screw-HH                      |
| 18  | 32144-70 | 5    | Screw-HWHTF                   |
| 19  | 10-9280  | 2    | Washer-Special                |
| 20  | 37-9160  | 1    | Internal Gear And Bushing ASM |
| 21  | 37-6760  | 1    | Shaft-Pivot                   |
| 22  | 32121-45 | 2    | Pin-Spring                    |
| 23  | 37-6520  | 1    | Gear-Axle                     |
| 24  | 74-1350  | 1    | Shaft-Axle                    |

| Ref    | Part No. | Qty. | Description             |
|--------|----------|------|-------------------------|
| 25     | 32121-9  | 2    | Pin-Roll, Slotted       |
| 26     | 3-8664   | 2    | Washer-Thrust           |
| 27     | 37-6850  | 2    | Bearing-Axle            |
| 28     | 3290-243 | 2    | Pin-Lynch               |
| 29     | 32144-4  | 4    | Screw-HWH               |
| ① ② 30 |          |      | 1 LH Wheel And Tire ASM |
| ① 30:1 | 232-27   | 1    | Stem-Valve              |
| ① 30:2 | 241-131  | 1    | Rim-Wheel               |
| ① 30:3 | 112-6609 | 1    | Tire                    |
| ② 31   |          |      | 1 RH Wheel And Tire ASM |
| 31:1   | 232-27   | 1    | Stem-Valve              |
| 31:2   | 241-131  | 1    | Rim-Wheel               |
| 31:3   | 112-6609 | 1    | Tire                    |



Engine Assembly

| Ref | Part No.   | Qty. | Description                     |  |  |  |  |
|-----|------------|------|---------------------------------|--|--|--|--|
| 1   | 31         | 1    | Engine-Tecumseh, Oh195Sa-72563G |  |  |  |  |
| 6   | 3296-29    | 10   | Nut-Lock, NI                    |  |  |  |  |
| 10  | 32144-4    | 6    | Screw-HWH                       |  |  |  |  |
| 11  | 37-6830-01 | 1    | Cover-Traction, Lower           |  |  |  |  |
| 12  | 3256-23    | 5    | Washer-Flat                     |  |  |  |  |
| 13  | 322-7      | 4    | Screw-HH                        |  |  |  |  |
| 14  | 322-2      | 6    | Screw-HH                        |  |  |  |  |
| 15  | 37-6900    | 1    | Cover-Belt                      |  |  |  |  |
| 16  | 43-7290    | 1    | Screw-Special                   |  |  |  |  |
| 17  | 26-9672    | 1    | V-Belt                          |  |  |  |  |
| 18  | 37-9090    | 1    | V Belt-3L, Traction             |  |  |  |  |
| 19  | 74-1370    | 1    | Pulley-Engine                   |  |  |  |  |
| 20  | 3210-3     | 1    | Screw-HH                        |  |  |  |  |
| 21  | 3255-8     | 1    | Washer-Lock                     |  |  |  |  |
| 22  | 37-8990    | 1    | Retainer-Belt                   |  |  |  |  |



## Handle and Control Assembly

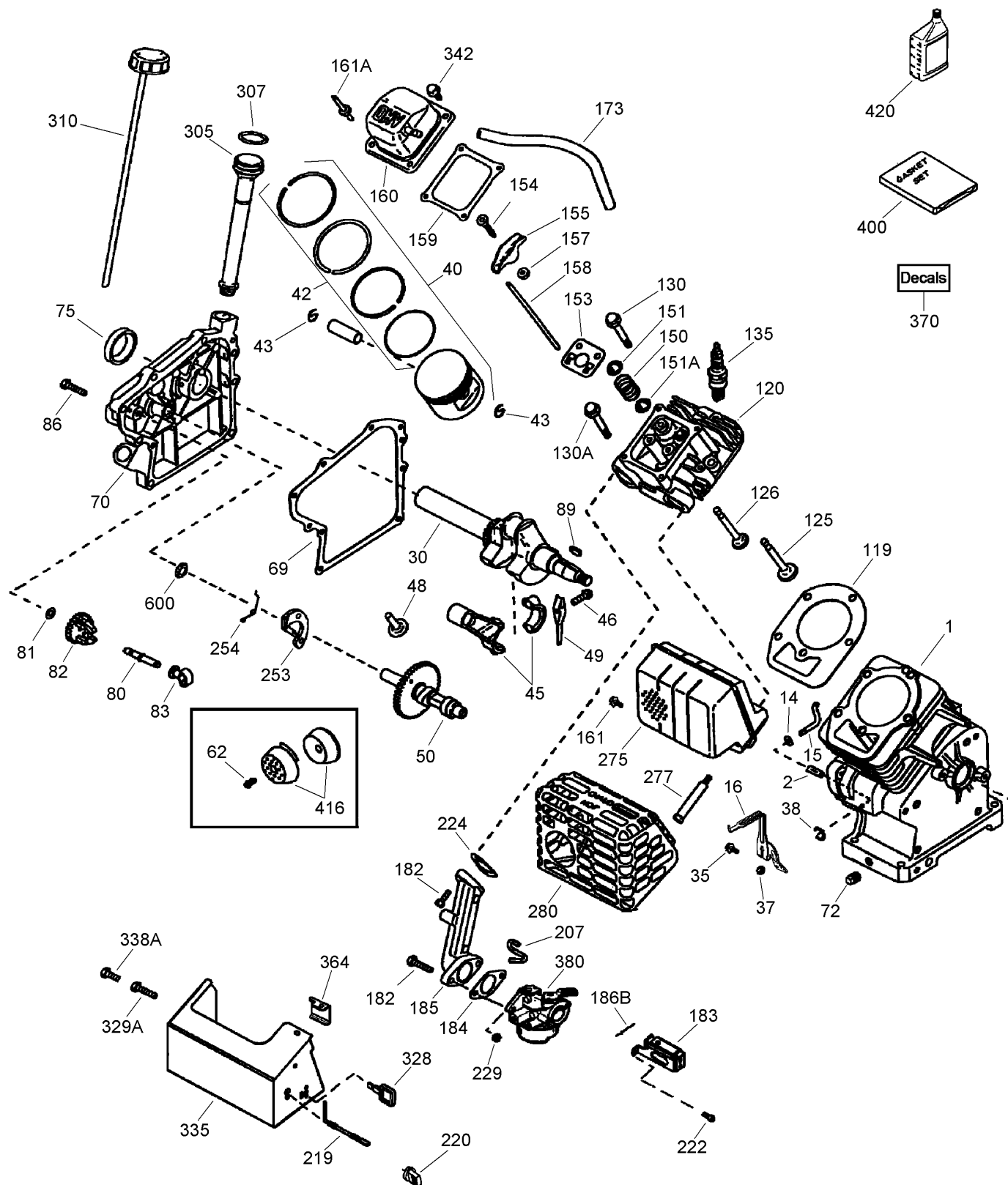
| Ref | Part No.    | Qty. | Description              |
|-----|-------------|------|--------------------------|
| 1   | 94-8887-03  | 2    | Handle-Control           |
| 2   | 3234-13     | 2    | Screw-HHF                |
| 3   | 3256-23     | 3    | Washer-Flat              |
| 4   | 32151-73    | 2    | Ring-Clip                |
| 5   | 112-6615    | 2    | Grip-Handle              |
| 6   | 110-6297    | 1    | Bracket-Rod, Upper Chute |
| 8   | 40-8230     | 1    | Grip-Control, Chute      |
| 9   | 3290-320    | 2    | Retainer-Push On         |
| 10  | 256-249     | 2    | Bushing                  |
| 11  | 322-9       | 3    | Screw-HH                 |
| 12  | 110-6293    | 1    | Rod-Chute, Upper         |
| 13  | 110-6296-03 | 1    | Handle-Left              |
| 14  | 321-9       | 4    | Screw-HH                 |
| 15  | 3296-29     | 3    | Nut-Lock, NI             |
| 16  | 3290-196    | 4    | Nut                      |
| 17  | 3290-456    | 5    | Washer-Belleville        |
| 18  | 322-2       | 4    | Screw-HH                 |
| 19  | 3230-22     | 1    | Screw-CARR               |
| 20  | 110-6298    | 1    | Bracket-Worm             |
| 21  | 40-8250     | 1    | Gear-Worm, Chute         |
| 23  | 39-7570     | 1    | Rod-Selector, Speed      |
| 24  | 37-8820-03  | 1    | Selector-Speed           |
| 25  | 32128-33    | 2    | Nut-HF                   |
| 26  | 39-1280-03  | 1    | Mount-Selector, Speed    |

| Ref  | Part No.   | Qty. | Description            |
|------|------------|------|------------------------|
| 27   | 40-8130    | 1    | Spacer                 |
| 28   | 37-9150    | 1    | Spring                 |
| 29   | 32128-13   | 1    | Nut-HF                 |
| 30   | 233-21     | 1    | Knob                   |
| 31   | 3229-11    | 2    | Screw-CARR             |
| 32   | 112-6637   | 1    | Decal-Escutcheon       |
| 35   | 3296-42    | 4    | Nut-Lock, NI           |
| 36   | 52-5561-03 | 1    | Handle-Right           |
| 37   | 3272-4     | 1    | Pin-Cotter             |
| 38   | 47-4990    | 2    | Post-Mounting, Linkage |
| 39   | 3256-24    | 2    | Washer-Flat            |
| 40   | 52-5600    | 2    | Pin-Lever, Control     |
| 41   | 52-5590    | 2    | Link-Upper             |
| 42   | 112-6643   | 1    | Escutcheon Panel ASM   |
| 42:2 | 112-6624   | 1    | Decal-Escutcheon, Back |
| 43   | 3256-23    | 1    | Washer-Flat            |
| 44   | 110-6292   | 1    | Rod-Chute, Lower       |
| 45   | 110-6295   | 1    | Bracket-Rod, Lower     |
| 46   | 94-2686    | 1    | Joint-Universal        |
| 47   | 32121-73   | 2    | Pin-Roll               |
| 48   | 107-3844   | 1    | Washer                 |

9

# Engine Assembly No. 1

## Tecumseh OH195SA-72563G



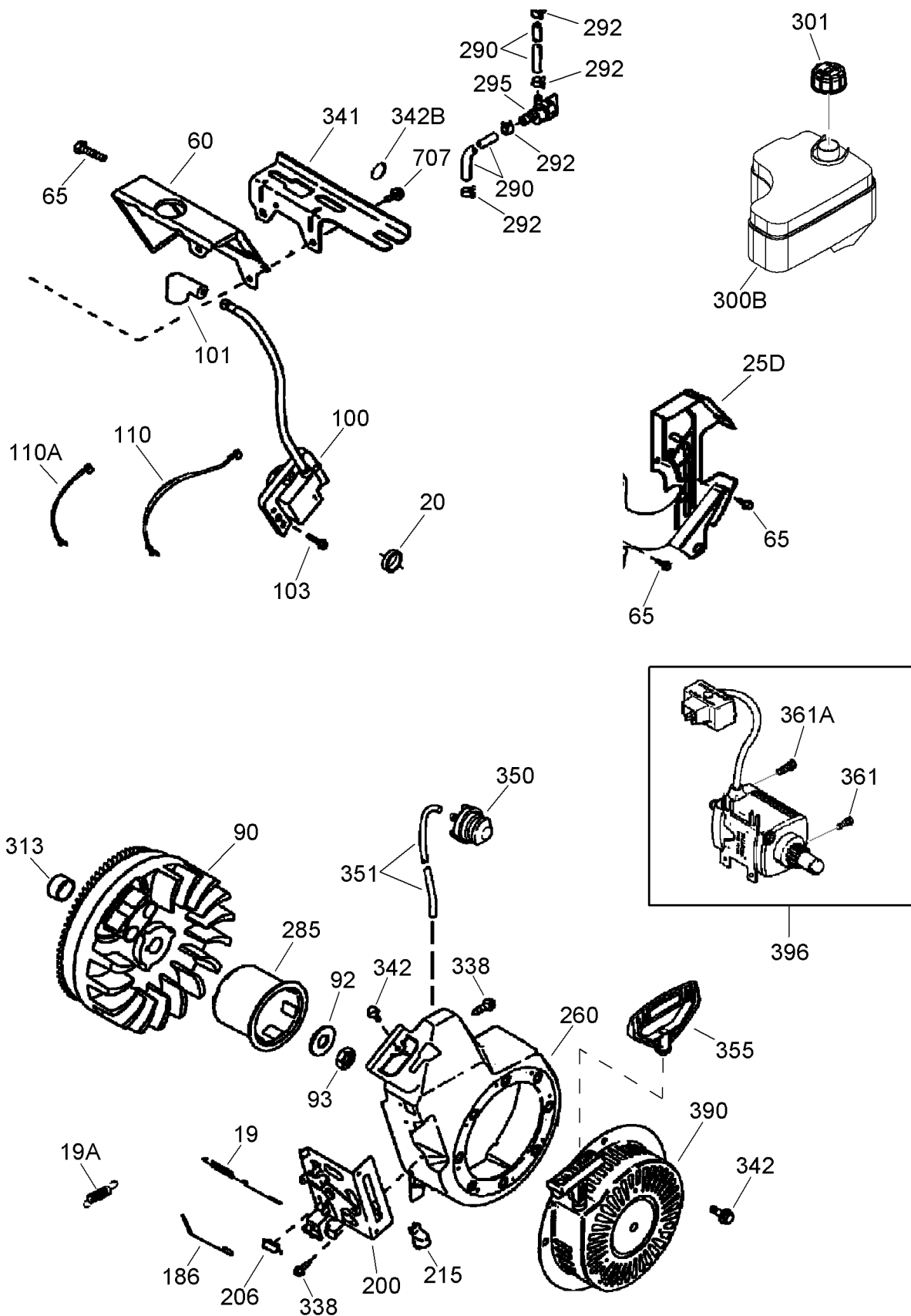
# Engine Assembly No. 1

## Tecumseh OH195SA-72563G

| Ref  | Part No. | Qty. | Description                                       | Ref  | Part No. | Qty. | Description                                          |
|------|----------|------|---------------------------------------------------|------|----------|------|------------------------------------------------------|
| 1    | 37120B   | 1    | Cylinder ASM (Includes 2, 20, 72, 72A, 325, 325A) | 160  | 36630B   | 1    | Cover-Arm, Rocker                                    |
| 2    | 26727    | 2    | Pin-Dowel                                         | 161  | 651085   | 2    | Screw (1/4-20 X 19/32)                               |
| 14   | 651052   | 1    | Washer                                            | 161A | 651012   | 1    | Stud                                                 |
| 15   | 37108    | 1    | Rod-Governor (Includes 38)                        | 173  | 37676    | 1    | Tube-Breather                                        |
| 16   | 37110    | 1    | Lever-Governor                                    | 182  | 650451   | 4    | Screw (1/4-20 X 1)                                   |
| 30   | 34740    | 1    | Crankshaft ASM                                    | 183  | 36867    | 1    | Bracket-Choke                                        |
| 35   | 651053   | 1    | Screw (T-25, 10-32 X 63/64)                       | 184  | 26756    | 1    | Gasket                                               |
| 37   | 651116   | 1    | Nut-Square                                        | 185  | 36631    | 1    | Pipe-Intake                                          |
| 38   | 37109    | 1    | Ring-Retaining                                    | 186B | 36652    | 1    | Spring-Choke                                         |
| 40   | 40005    | 1    | Piston, Pin And Ring Set (.010 O S)               | 207  | 36632    | 1    | Link-Throttle                                        |
| 40   | 40004    | 1    | Piston, Pin And Ring Set (STD)                    | 219  | 36868    | 1    | Rod-Choke                                            |
| 42   | 40007    | 1    | Ring Set (.010 O S)                               | 220  | 35438    | 1    | Knob-Control                                         |
| 42   | 40006    | 1    | Ring Set (STD)                                    | 222  | 28820    | 2    | Screw (10-32 X 1/2)                                  |
| 43   | 20381    | 2    | Ring-Retaining, Piston Pin                        | 224  | 36581    | 1    | Gasket-Pipe, Intake                                  |
| 45   | 32875A   | 1    | Connecting Rod ASM (Includes 46, 49)              | 229  | 650852   | 4    | Nut (1/4-20)                                         |
| 46   | 32610A   | 2    | Bolt-Rod, Connecting                              | 253  | 36701    | 1    | Weight-Release, Compression                          |
| 48   | 35616A   | 1    | Lifter-Valve                                      | 254  | 36702    | 1    | Spring-Release, Compression                          |
| 49   | 36611    | 1    | Dipper-Oil                                        | 275  | 37595A   | 1    | Muffler                                              |
| 50   | 37040    | 1    | Camshaft (Includes 150, 253, 254)                 | 277  | 650988   | 2    | Screw (1/4-20 X 2-9/32)                              |
| 62   | 650760   | 1    | Screw (8-32 X 3/8)                                | 280  | 37069    | 1    | Shield-Heat                                          |
| 69   | 36624    | 1    | Gasket-Cover, Cylinder                            | 305  | 36877    | 1    | Tube-Fill, Oil                                       |
| 70   | 36625    | 1    | Cover-Cylinder (Includes 75 - 83)                 | 307  | 35499    | 1    | O-Ring                                               |
| 72   | 27642    | 3    | Plug-Drain, Oil (SQH 1/4-18)                      | 310  | 36878    | 1    | Dipstick                                             |
| 75   | 27897    | 1    | Seal-Oil                                          | 328  | 35062    | 1    | Key, Ignition                                        |
| 80   | 30574A   | 1    | Shaft-Governor                                    | 329A | 651060   | 1    | Screw (8-32 X 23/64)                                 |
| 81   | 30590A   | 1    | Washer-Flat                                       | 335  | 36873A   | 1    | Cover-Carburetor                                     |
| 82   | 30591    | 1    | Governor Gear ASM (Includes 81)                   | 338A | 28942    | 1    | Screw (10-32 X 3/8)                                  |
| 83   | 36057    | 1    | Spool-Governor                                    | 342  | 651008   | 6    | Screw (1/4-20 X 31/64)                               |
| 86   | 650488   | 8    | Screw (1/4-20 X 1-1/4)                            | 364  | 36872    | 1    | Bracket-Cover, Carburetor                            |
| 89   | 610961   | 1    | Key-Flywheel                                      | 370  | 36695    | 1    | Decal-Tecumseh Logo For Top Of Recoil Starter        |
| 119  | 36719    | 1    | Gasket-Head, Cylinder                             | 370  | 36534A   | 1    | Instruction Decal - Caution - Read Owner's Manual    |
| 120  | 37474    | 1    | Head-Cylinder                                     | 370  | 36501    | 1    | Decal-Primer-International Symbol                    |
| 125  | 36472    | 1    | Valve-Exhaust (1/32 O S) (Includes 151)           | 370  | 37119    | 1    | Decal-Warning (Bilingual)                            |
| 125  | 36471    | 1    | Valve-Exhaust (STD) (Includes 151)                | 370  | 37948    | 1    | Decal - Hot Surfaces                                 |
| 126  | 37711    | 1    | Valve-Intake (STD) (Includes 151, 151A)           | 370  | 37433    | 1    | Decal - Electric-Start Button                        |
| 130  | 650912   | 4    | Screw (5/16-18 X 1-1/2)                           | 370  | 36899    | 1    | Decal - Speed Control, Choke And Key                 |
| 130A | 650999   | 1    | Screw (5/16-18 X 2-41/64)                         | 380  | 640058A  | 1    | Carburetor ASM (Includes 184)                        |
| 135  | 34645    | 1    | Spark Plug-Resistor (R N 4C)                      | 400  | 36720    | 1    | Gasket Set                                           |
| 150  | 37039    | 2    | Spring-Valve                                      | 416  | 36085    | 1    | Spark Arrestor Kit                                   |
| 151  | 31673    | 2    | Cap-Valve, Spring                                 | 420  | 730226A  | 1    | Oil-Engine, S A E 5W30                               |
| 151A | 40016A   | 1    | Seal-Valve, Intake                                | 600  | 651013   | 1    | Washer                                               |
| 153  | 36649    | 1    | Guide-Rod, Push                                   | 700  | 907366A  | 1    | Engine Replacement                                   |
| 154  | 650913   | 2    | Stud-Arm, Rocker                                  | 701  | 754323B  | 1    | Short Block Replacement                              |
| 155  | 35624A   | 2    | Arm-Rocker                                        | 999  | 730296   | 1    | Winter Maintenance Kit (Includes 0W30 Synthetic Oil) |
| 157  | 650914   | 2    | Nut (1/4-28)                                      | 999  | 730286   | 1    | Winter Maintenance Kit (Includes 5W30 Oil)           |
| 158  | 36629    | 2    | Rod-Push                                          |      |          |      |                                                      |
| 159  | 35626    | 1    | Gasket-Cover, Rocker Arm                          |      |          |      |                                                      |

## Engine Assembly No. 2

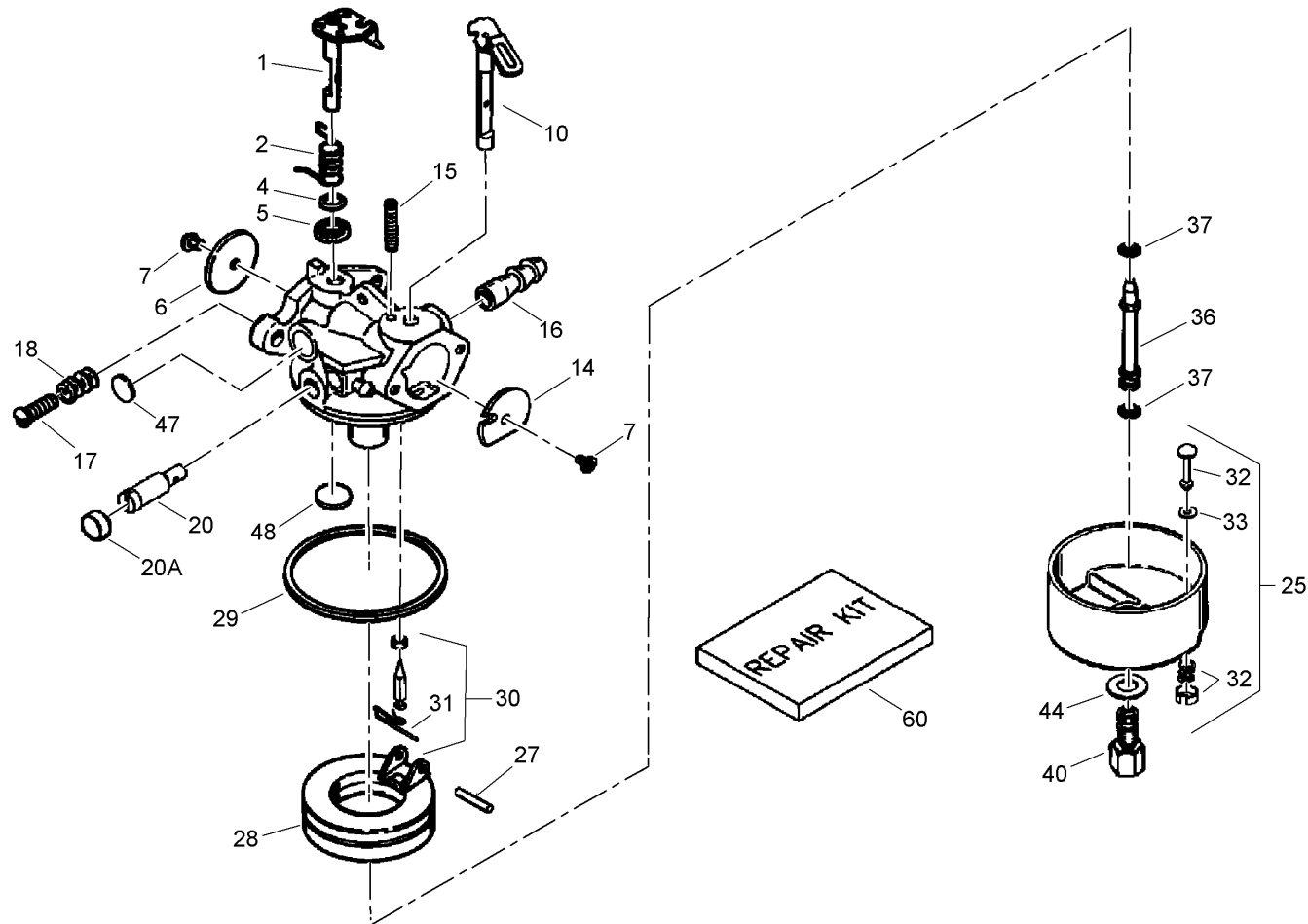
### Tecumseh OH195SA-72563G



## Engine Assembly No. 2

### Tecumseh OH195SA-72563G

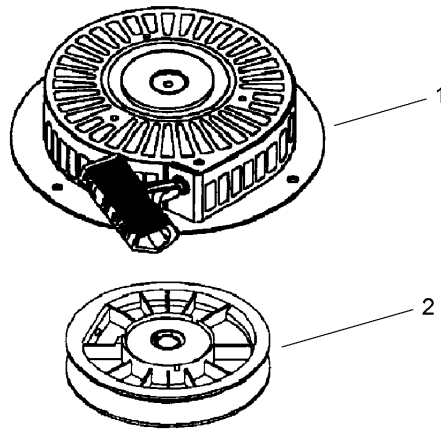
| Ref   | Part No. | Qty. | Description                                                                  |  |  |  |  |
|-------|----------|------|------------------------------------------------------------------------------|--|--|--|--|
| ③19   | 37111    | 1    | Spring-Throttle                                                              |  |  |  |  |
| ③19A  | 36750    | 1    | Spring-Governor                                                              |  |  |  |  |
| ③20   | 32600    | 1    | Seal-Oil                                                                     |  |  |  |  |
| ③25D  | 37710    | 1    | Baffle-Air (1 Piece, Electric Start)                                         |  |  |  |  |
| ③60   | 36623A   | 1    | Extension-Housing, Blower                                                    |  |  |  |  |
| ③65   | 30200    | 3    | Screw (10-24 X 9/16)                                                         |  |  |  |  |
| ③90   | 611216   | 1    | Flywheel (18 Watt, Ring Gear)                                                |  |  |  |  |
| ③92   | 650815   | 1    | Washer-Belleville                                                            |  |  |  |  |
| ③93   | 650816   | 1    | Nut-Flywheel                                                                 |  |  |  |  |
| ③100  | 34443C   | 1    | Ignition-Solid State                                                         |  |  |  |  |
| ③101  | 610118   | 1    | Cover-Spark Plug                                                             |  |  |  |  |
| ③103  | 651007   | 2    | Screw (T-15, 10-24 X 15/16)                                                  |  |  |  |  |
| ③110  | 36230    | 1    | Wire-Ground (Green, 9.0)                                                     |  |  |  |  |
| ③110A | 36874    | 1    | Wire-Ground (Green, 5.5)                                                     |  |  |  |  |
| ③186  | 36711    | 1    | Link-Governor                                                                |  |  |  |  |
| ③200  | 36824A   | 1    | Bracket-Control (Includes 206 And 215)                                       |  |  |  |  |
| ③206  | 610973   | 1    | Terminal                                                                     |  |  |  |  |
| ③215  | 32410    | 1    | Knob-Control                                                                 |  |  |  |  |
| ③260  | 36901    | 1    | Housing-Blower                                                               |  |  |  |  |
| ③285  | 35985C   | 1    | Cup-Starter                                                                  |  |  |  |  |
| ③290  | 37962    | 1    | Line-Fuel, Low Permeation (8.62)                                             |  |  |  |  |
| ③290  | 37963    | 1    | Line-Fuel, Low Permeation (16.0)                                             |  |  |  |  |
| ③292  | 26460    | 4    | Clamp-Line, Fuel                                                             |  |  |  |  |
| ③295  | 35857    | 1    | Valve-Shut-Off, Fuel (Includes 292) (Also Available In Packaged Part 740073) |  |  |  |  |
| ③300B | 37048    | 1    | Fuel Tank ASM (Includes 292 And 301) 3.5 Quart                               |  |  |  |  |
| ③301  | 37845    | 1    | Cap-Fuel (Red Plastic) (1-1/2 Id)                                            |  |  |  |  |
| ③313  | 34080    | 1    | Spacer                                                                       |  |  |  |  |
| ③338  | 650821   | 8    | Screw (10-32 X 1/2)                                                          |  |  |  |  |
| ③341  | 36644A   | 1    | Bracket-Tank, Fuel                                                           |  |  |  |  |
| ③342  | 651008   | 6    | Screw (1/4-20 X 31/64)                                                       |  |  |  |  |
| ③342B | 651086   | 2    | Washer-Rubber                                                                |  |  |  |  |
| ③350  | 570682A  | 1    | Primer ASM (Also Available In Packaged Part 740101)                          |  |  |  |  |
| ③351  | 32180C   | 1    | Line-Primer                                                                  |  |  |  |  |
| ③355  | 590574   | 1    | Handle-Starter, Mitten Grip                                                  |  |  |  |  |
| ③361  | 650990   | 3    | Screw (T-30, 1/4-20X15/32)                                                   |  |  |  |  |
| ③361A | 650819   | 1    | Screw (6-32X2-1/2)                                                           |  |  |  |  |
| ③390  | 590749   | 1    | Starter-Rewind                                                               |  |  |  |  |
| ③396  | 37217    | 1    | Electric Starter Motor 220 Volt                                              |  |  |  |  |
| ③707  | 651085   | 2    | Screw (1/4-20 X 19/32)                                                       |  |  |  |  |



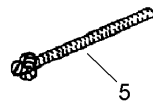
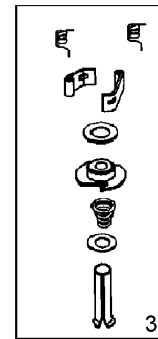
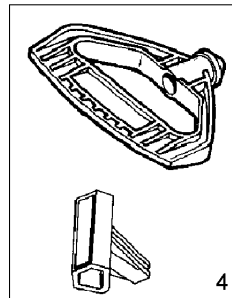
**Carburetor Assembly No. 640058A**  
**Tecumseh OH195SA-72563G**

| Ref  | Part No. | Qty. | Description                         |
|------|----------|------|-------------------------------------|
| ❶0   | 640058A  | 1    | Carburetor ASM                      |
| ❶1   | 631615   | 1    | Throttle Shaft And Lever ASM        |
| ❶2   | 631767   | 1    | Spring-Return, Throttle             |
| ❶44  | 631184   | 1    | Washer-Seal, Dust                   |
| ❶45  | 631183   | 1    | Seal-Dust, Throttle                 |
| ❶6   | 631036   | 1    | Shutter-Throttle                    |
| ❶47  | 650506   | 2    | Screw-Shutter                       |
| ❶10  | 632118   | 1    | Choke Shaft And Lever ASM           |
| ❶14  | 631890   | 1    | Shutter-Choke                       |
| ❶15  | 630735   | 1    | Spring-Positioning, Choke           |
| ❶16  | 632164   | 1    | Fitting-Fuel                        |
| ❶17  | 651025   | 1    | Screw-Throttle Crack And Idle Speed |
| ❶18  | 630766   | 1    | Spring-Tension                      |
| ❶20  | 640027   | 1    | Screw-Restrictor, Idle              |
| ❶20A | 640053   | 1    | Cap-Screw, Idle Restrictor          |
| ❶25  | 631951   | 1    | Float Bowl ASM                      |
| ❶25  | 631867   | 1    | Bowl-Float (No Drain)               |
| ❶427 | 631024   | 1    | Shaft-Float                         |
| ❶28  | 632802   | 1    | Float (Plastic)                     |
| ❶429 | 631028   | 1    | O Ring-Bowl, Float                  |
| ❶430 | 631021   | 1    | Inlet Needle, Seat And Clip ASM     |
| ❶31  | 631022   | 1    | Clip-Spring                         |
| ❶32  | 27136A   | 1    | Bowl Drain ASM                      |

| Ref  | Part No. | Qty. | Description                   |
|------|----------|------|-------------------------------|
| ❶33  | 27554    | 1    | Gasket-Plunger, Drain         |
| ❶36  | 640019   | 1    | Tube-Nozzle, Main             |
| ❶437 | 632547   | 2    | O Ring-Nozzle Tube, Main      |
| ❶40  | 640059   | 1    | Nut-Bowl, High Speed          |
| ❶444 | 27110A   | 1    | Washer-Nut, Bowl              |
| ❶447 | 630748   | 1    | Plug-Welch, Idle Mixture Well |
| ❶448 | 631027   | 1    | Plug-Welch, Atmospheric Vent  |
| ❶60  | 632760   | 1    | Repair Kit                    |

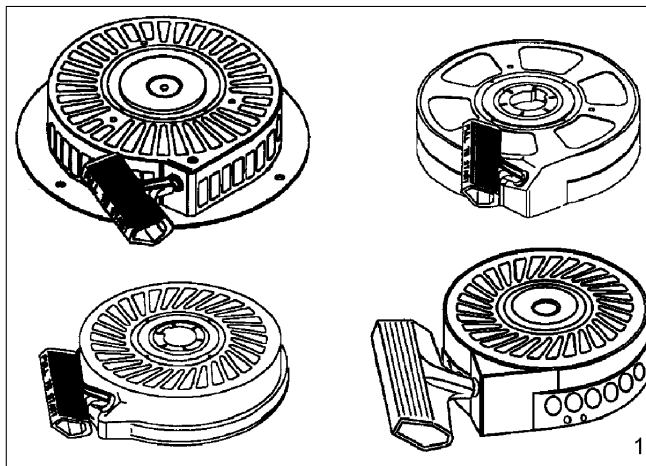


This illustration may not depict actual equipment and is for reference purposes only

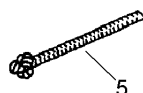
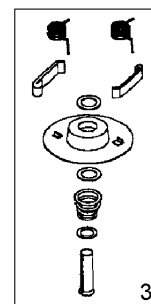
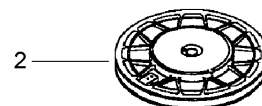
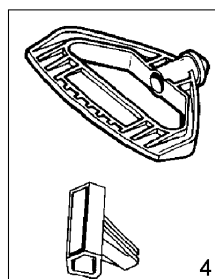


**Rewind Starter No. 590749**  
**Tecumseh OH195SA-72563G**

| Ref | Part No. | Qty. | Description                     |
|-----|----------|------|---------------------------------|
| ❸1  | 590749   | 1    | Starter-Rewind                  |
| ❸2  | 590682   | 1    | Pulley And Rewind Spring ASM    |
| ❸3  | 590773   | 1    | Repair Kit                      |
| ❸4  | 590574   | 1    | Handle-Starter, Mitten Grip     |
| ❸5  | 590535   | 1    | Rope-Starter (98 Cut To Length) |



This illustration may not depict actual equipment and is for reference purposes only



**Recoil Starter No. 590733 (Optional)**  
**Tecumseh OH195SA-72563G**

| Ref | Part No. | Qty. | Description                     |
|-----|----------|------|---------------------------------|
| ❸1  | 590733   | 1    | Starter-Rewind                  |
| ❸2  | 590709   | 1    | Pulley And Rewind Spring ASM    |
| ❸3  | 590774   | 1    | Repair Kit                      |
| ❸4  | 590574   | 1    | Handle-Starter, Mitten Grip     |
| ❸5  | 590535   | 1    | Rope-Starter (98 Cut To Length) |

# Attachments and Accessories

For 38607 - 622E Power Throw Snowthrower

| Product Name                | Model/Part |
|-----------------------------|------------|
| 22 Inch Drift Breaker ..... | 37-7022    |
| Tire Chain Kit .....        | 56-2700    |
| Snow Cab .....              | 88-0600    |

## NOTES

## NOTES

