



## CCR<sup>™</sup> Powerlite<sup>®</sup> Snowthrower

Model No. 38182 - 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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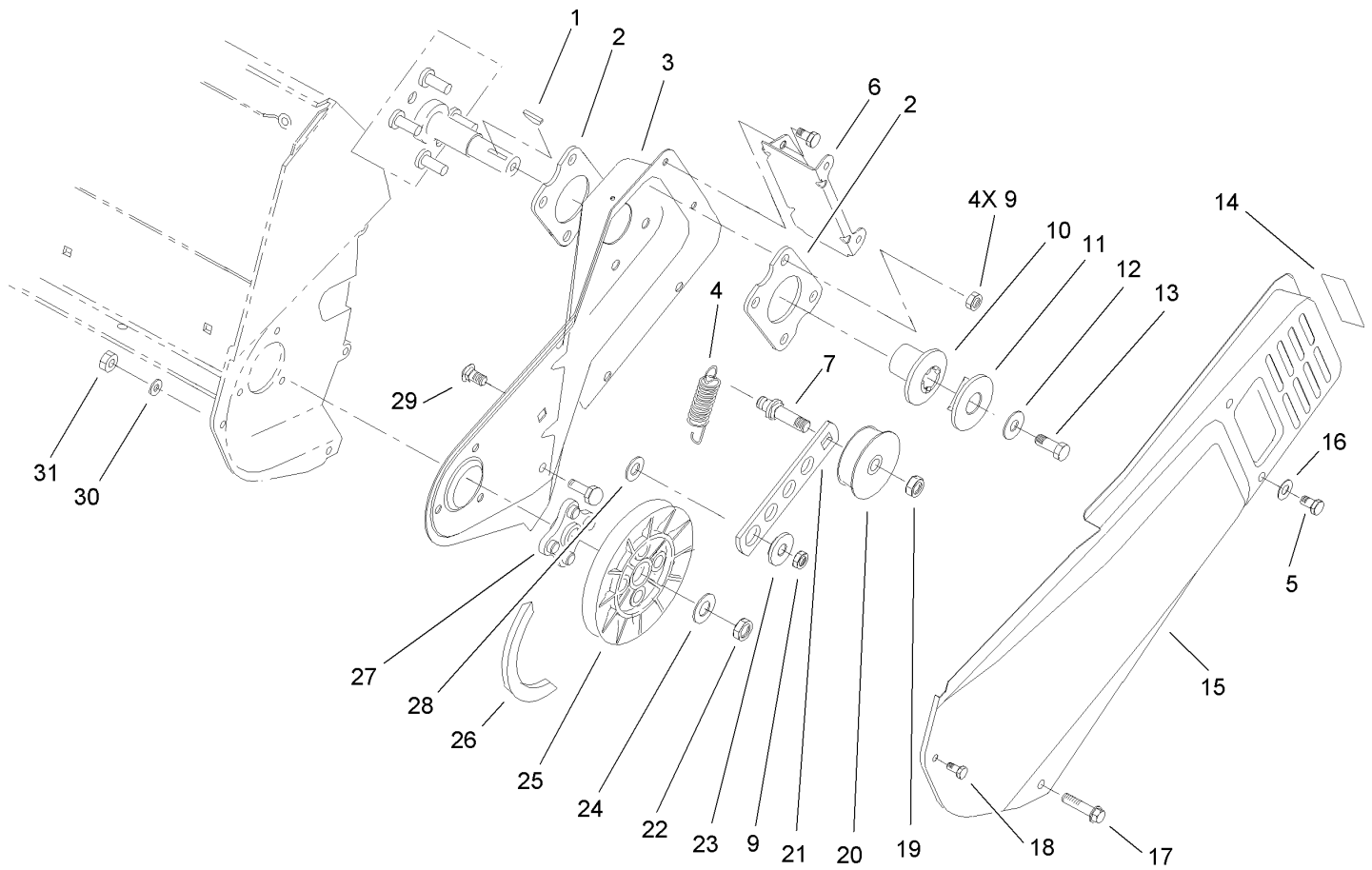
## Part Description Abbreviations

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

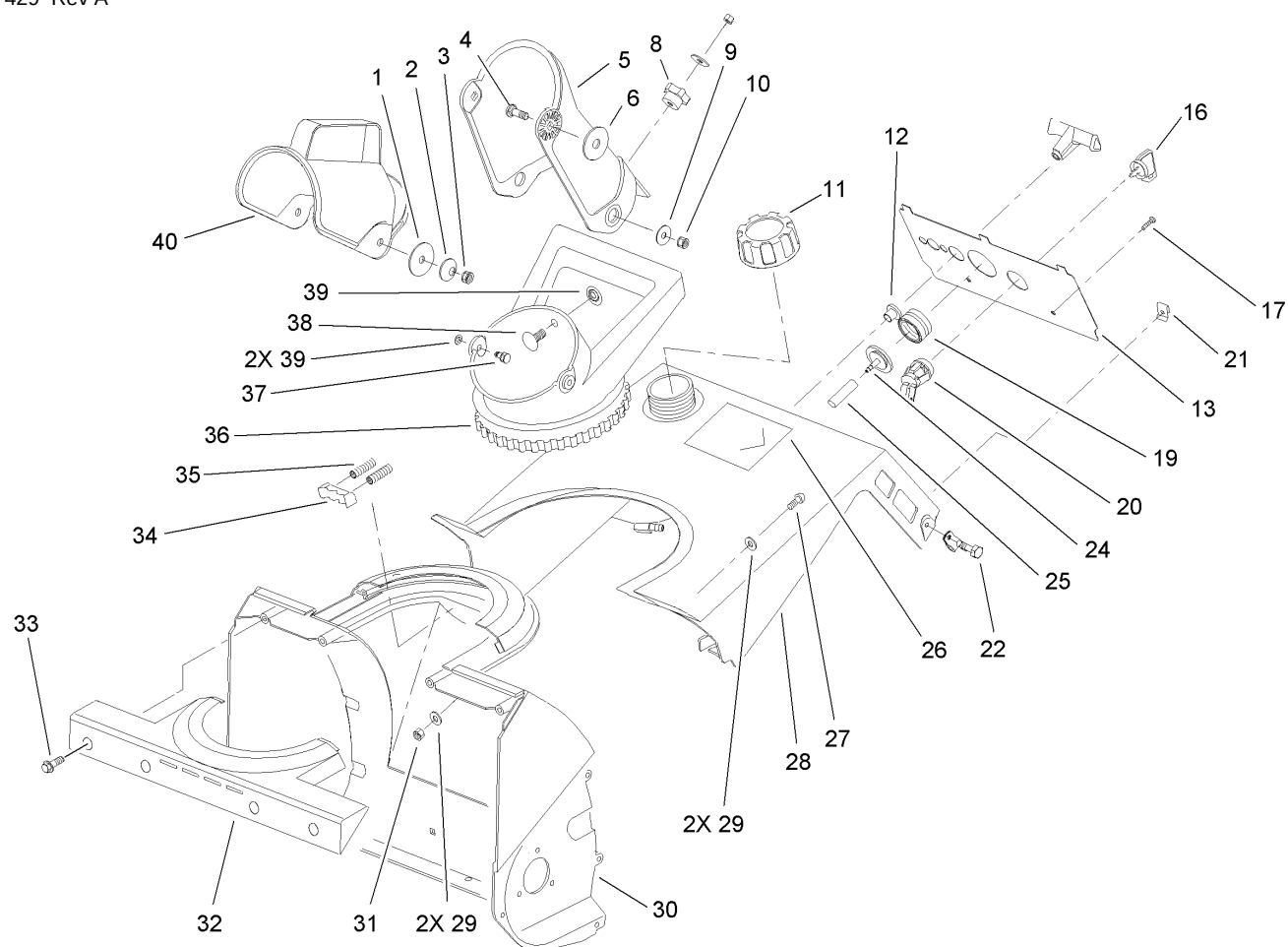
- |                                          |                                 |
|------------------------------------------|---------------------------------|
| ❶ Not illustrated                        | ❷ Not serviced separately       |
| ❸ Obtain from your local Tecumseh dealer | ❹ Included in Repair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



## Rotor Drive Assembly

| Ref | Part No.   | Qty. | Description         |
|-----|------------|------|---------------------|
| 1   | 3257-3     | 1    | Key-Woodruff        |
| 2   | 71-5290-03 | 2    | Plate-Engine        |
| 3   | 95-7945-03 | 1    | Sideplate-LH        |
| 4   | 75-9020    | 1    | Spring-Extension    |
| 5   | 32144-4    | 4    | Screw-HWH           |
| 6   | 75-8870-03 | 1    | Bracket-Cover, Belt |
| 7   | 75-8720    | 1    | Pin-Idler           |
| 9   | 3296-29    | 5    | Nut-Lock, NI        |
| 10  | 71-5050    | 1    | Hub-Half Sheave     |
| 11  | 71-5060    | 1    | Cap-Half Sheave     |
| 12  | 3256-71    | 1    | Washer-Flat         |
| 13  | 3235-6     | 1    | Screw-HH            |
| 14  | 104-2767   | 1    | Decal-Warning       |
| 15  | 75-8830-03 | 1    | Cover-Belt          |
| 16  | 3256-1     | 2    | Washer-Flat         |
| 17  | 46-8094    | 3    | Screw-Plastite      |
| 18  | 32105-23   | 1    | Screw               |
| 19  | 3296-59    | 1    | Nut-Lock, NI        |
| 20  | 71-5260    | 1    | Pulley-Idler        |
| 21  | 75-9050    | 1    | Arm-Idler           |
| 22  | 3296-38    | 1    | Nut-Lock, NI        |
| 23  | 75-8700    | 1    | Bushing-Idler       |
| 24  | 3256-25    | 1    | Washer-Flat         |
| 25  | 75-8750    | 1    | Pulley-Driven       |

| Ref | Part No. | Qty. | Description |
|-----|----------|------|-------------|
| 26  | 75-9010  | 1    | V-Belt      |
| 27  | 75-8740  | 1    | Hub         |
| 28  | 25-5640  | 1    | Washer      |
| 29  | 3230-23  | 1    | Screw-CARR  |
| 30  | 3256-14  | 1    | Washer-Flat |
| 31  | 3296-2   | 1    | Nut-Lock    |



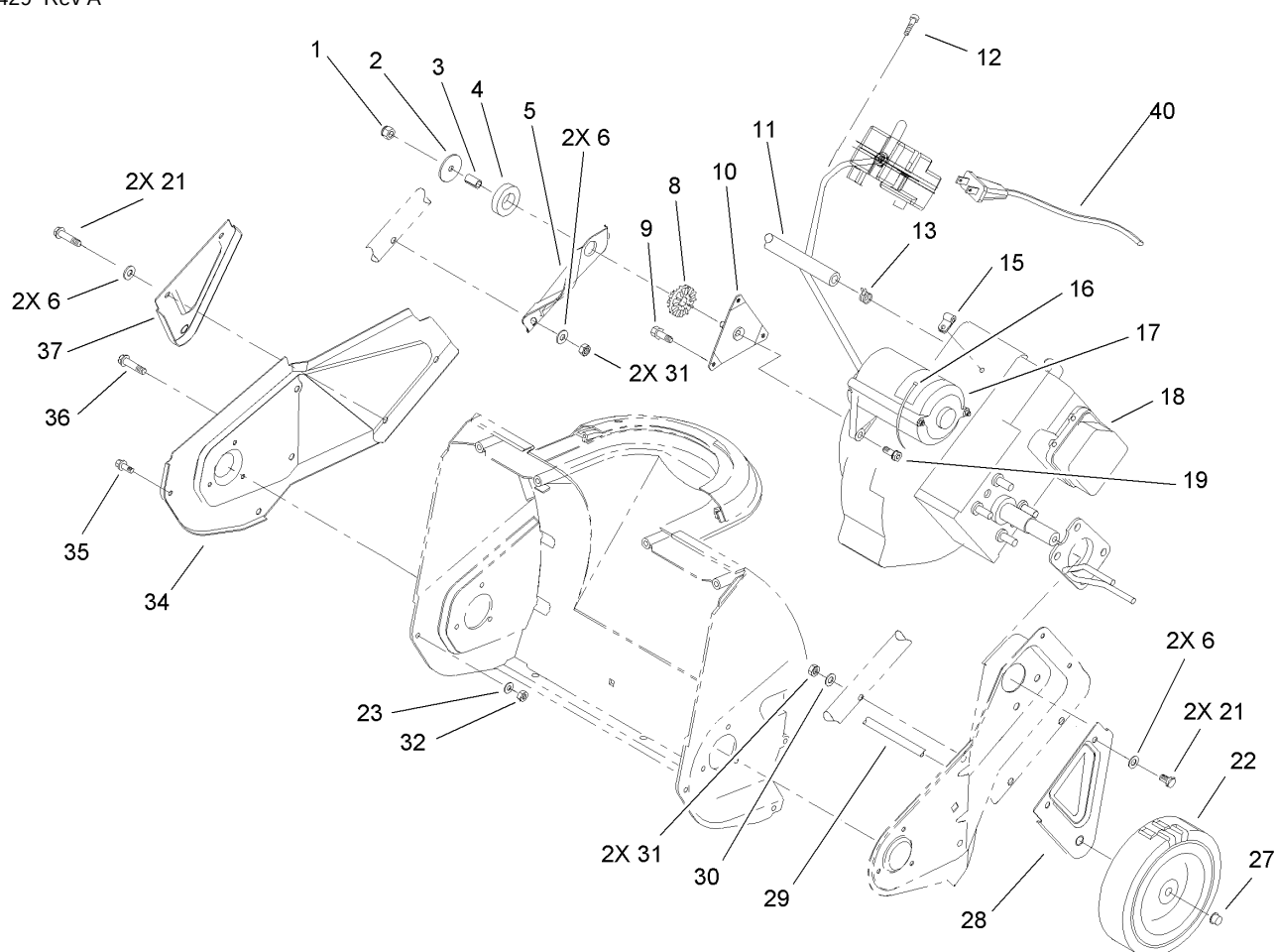
## Chute and Upper Shroud Assembly

| Ref | Part No. | Qty. | Description            |
|-----|----------|------|------------------------|
| 1   | 3256-68  | 2    | Washer-Flat            |
| 2   | 3290-340 | 2    | Washer-Belleville      |
| 3   | 3296-29  | 2    | Nut-Lock, NI           |
| 4   | 3230-2   | 2    | Bolt-CARR              |
| 5   | 112-6649 | 1    | Chute-French/English   |
| 6   | 95-1905  | 2    | Washer-Rubber          |
| 8   | 233-67   | 1    | Knob-Chute             |
| 9   | 3256-81  | 2    | Washer-Flat            |
| 10  | 3296-56  | 2    | Nut-Lock, NI           |
| 11  | 104-4133 | 1    | Gas Cap ASM            |
| 12  | 23-7470  | 1    | Guide-Rope, Starter    |
| 13  | 112-8101 | 1    | Panel-Control          |
| 16  | 63-8360  | 1    | Key-Ignition           |
| 17  | 32144-53 | 2    | Screw-SHWH             |
| 19  | 66-7460  | 1    | Bulb-Primer            |
| 20  | 40-5940  | 1    | Switch                 |
| 21  | 49-1490  | 2    | Nut                    |
| 22  | 32144-89 | 2    | Screw-Forming, Thread  |
| 24  | 44-2750  | 1    | Body-Primer            |
| 25  | 44-3173  | 1    | Hose-Primer            |
| 26  | 108-5082 | 1    | Decal-Shroud           |
| 27  | 3250-32  | 2    | Screw-PPH              |
| 28  | 105-2994 | 1    | Shroud-Tank, Gas Upper |
| 29  | 3256-1   | 4    | Washer-Flat            |

| Ref | Part No. | Qty. | Description            |
|-----|----------|------|------------------------|
| 30  | 75-8660  | 1    | Housing                |
| 31  | 3296-42  | 2    | Nut-Lock, NI           |
| 32  | 75-8650  | 1    | Retainer-Chute         |
| 33  | 46-8094  | 4    | Screw-Plastite         |
| 34  | 75-9160  | 1    | Detent-Chute           |
| 35  | 75-9170  | 2    | Spring-Compression     |
| 36  | 75-8670  | 1    | Handle-Chute           |
| 37  | 321-3    | 2    | Screw-HH               |
| 38  | 3229-11  | 1    | Screw-CARR             |
| 39  | 32115-15 | 3    | Pushnut-Retainer, Bolt |
| 40  | 75-8770  | 1    | Deflector-Chute        |



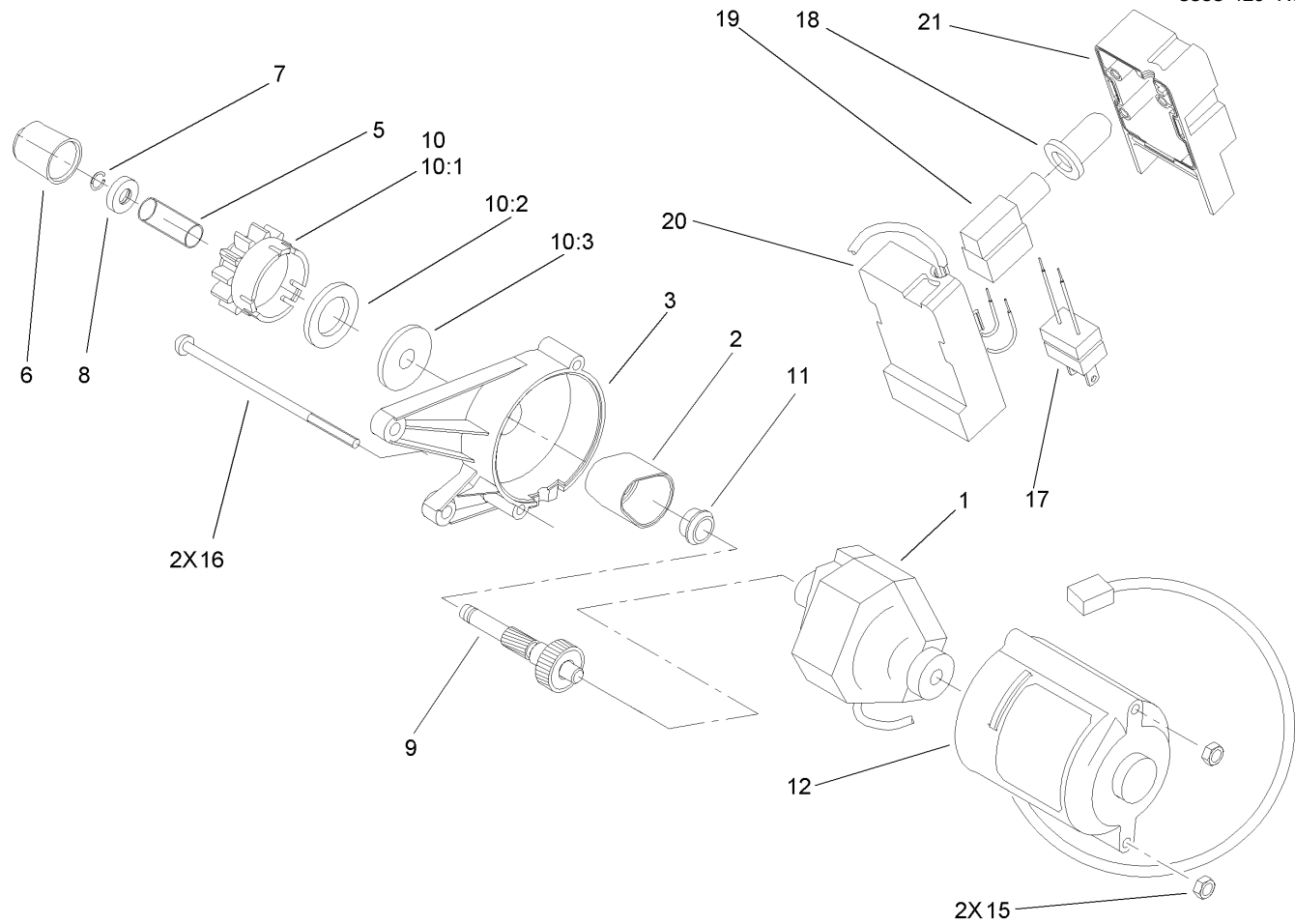
| Ref | Part No.   | Qty. | Description           |  |  |  |  |
|-----|------------|------|-----------------------|--|--|--|--|
| 1   | 75-9180    | 1    | Washer-Rubber         |  |  |  |  |
| 2   | 112-8105   | 2    | Flange-Bearing        |  |  |  |  |
| 3   | 75-8840-03 | 1    | Rotor Shaft ASM       |  |  |  |  |
| 4   | 75-8880-03 | 2    | Support-Rotor         |  |  |  |  |
| 5   | 3296-56    | 12   | Nut-Lock, NI          |  |  |  |  |
| 6   | 3234-33    | 4    | Screw-HHF             |  |  |  |  |
| 7   | 3229-5     | 2    | Screw-CARR            |  |  |  |  |
| 8   | 75-9040    | 2    | Washer-Square         |  |  |  |  |
| 9   | 3-7501     | 2    | Washer                |  |  |  |  |
| 10  | 3296-42    | 2    | Nut-Lock, NI          |  |  |  |  |
| 12  | 112-8124   | 3    | Screw-HH, Taptite     |  |  |  |  |
| 13  | 32115-19   | 3    | Nut-Speed, U Type     |  |  |  |  |
| 14  | 75-8780    | 1    | Scraper               |  |  |  |  |
| 15  | 3256-14    | 3    | Washer-Flat           |  |  |  |  |
| 16  | 32144-34   | 3    | Screw-Forming, Thread |  |  |  |  |
| 17  | 75-8710    | 1    | Spacer                |  |  |  |  |
| 18  | 84-1980    | 2    | Blade-Rotor           |  |  |  |  |
| 19  | 84-1970    | 8    | Screw                 |  |  |  |  |
| 20  | 100-1048   | 2    | Bearing-Ball          |  |  |  |  |
| 21  | 75-8690    | 1    | Nut                   |  |  |  |  |
| 22  | 32144-85   | 3    | Screw-HWH             |  |  |  |  |



## Engine, Rotor Housing and Sideplate Assembly

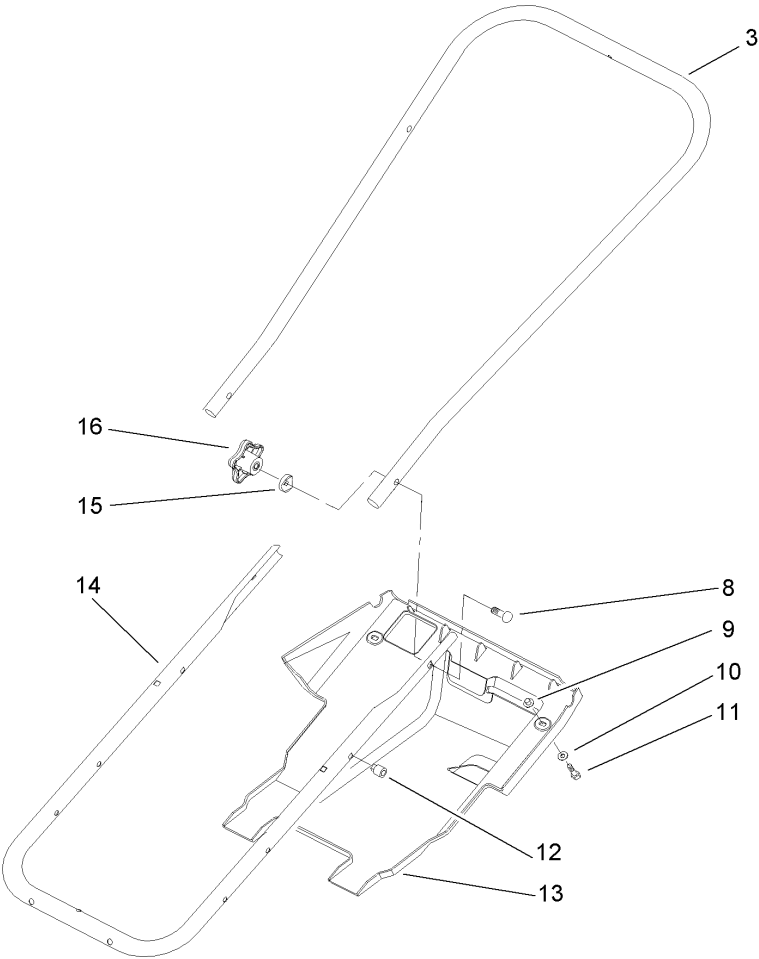
| Ref | Part No.   | Qty. | Description                    |
|-----|------------|------|--------------------------------|
| 1   | 3296-56    | 1    | Nut-Lock, NI                   |
| 2   | 3256-58    | 1    | Washer-Flat                    |
| 3   | 80-0650    | 1    | Spacer-Tubular                 |
| 4   | 95-1903    | 1    | Ring-Isolator                  |
| 5   | 75-8980-03 | 1    | Bracket-Support, Engine        |
| 6   | 3256-1     | 6    | Washer-Flat                    |
| 8   | 75-9100    | 1    | Bushing-Isolator               |
| 9   | 94-2789    | 3    | Screw                          |
| 10  | 92-6012    | 1    | Bracket And Stud ASM           |
| 11  | 110-3447   | 1    | Hose-Fuel                      |
| 12  | 32144-27   | 2    | Screw-Plastite                 |
| 13  | 2412-98    | 2    | Clamp                          |
| 15  | 2412-91    | 1    | Clamp                          |
| 16  | 250-7      | 1    | Tie-Cable                      |
| 17  | 105-2953   | 1    | 120 Volt Starter ASM           |
| 18  |            | 1    | Engine-Tecumseh, Th098Sa-1723F |
| 19  | 80-0700    | 2    | Screw                          |
| 21  | 321-10     | 4    | Screw-HH                       |
| 22  | 23-3250    | 2    | Wheel                          |
| 23  | 3256-14    | 1    | Washer-Flat                    |
| 27  | 3290-320   | 2    | Retainer-Push On               |
| 28  | 75-8910-03 | 1    | Bracket-Wheel, LH              |
| 29  | 27-0062    | 1    | Axle                           |

| Ref | Part No.   | Qty. | Description       |
|-----|------------|------|-------------------|
| 30  | 3-7501     | 2    | Washer            |
| 31  | 3296-42    | 4    | Nut-Lock, NI      |
| 32  | 3296-2     | 1    | Nut-Lock          |
| 34  | 75-8820-03 | 1    | Plate-Side, RH    |
| 35  | 32105-23   | 1    | Screw             |
| 36  | 46-8094    | 3    | Screw-Plastite    |
| 37  | 75-8900-03 | 1    | Bracket-Wheel, RH |
| 40  | 106-4741   | 1    | Cord-Electric     |



120 Volt Starter Assembly No. 105-2953

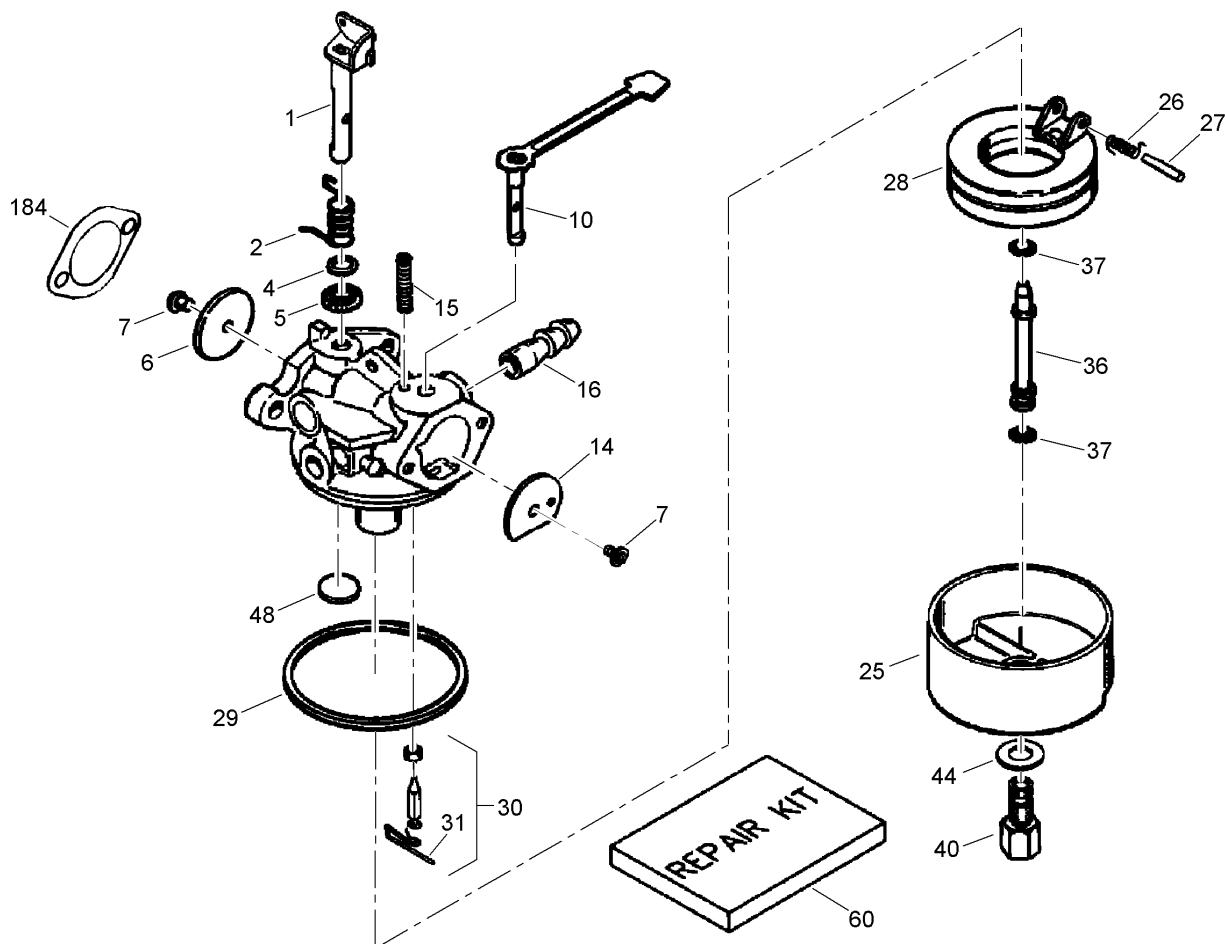
| Ref  | Part No.  | Qty. | Description            |  |  |  |  |
|------|-----------|------|------------------------|--|--|--|--|
| 1    | 70-7802   | 1    | Starter Motor ASM      |  |  |  |  |
| 2    | 70-7850   | 1    | Cover-Gear             |  |  |  |  |
| 3    | 100-3443  | 1    | Housing-Upper, Starter |  |  |  |  |
| 5    | 61-4690   | 1    | Spring                 |  |  |  |  |
| 6    | 70-7890   | 1    | Cap-Pinion             |  |  |  |  |
| 7    | 61-4680   | 1    | Ring-Lock              |  |  |  |  |
| 8    | 100-2902  | 1    | Stop-Pinion            |  |  |  |  |
| 9    | 105-8831  | 1    | Shaft And Gear ASM     |  |  |  |  |
| 10   | 84-5240   | 1    | Pinion ASM             |  |  |  |  |
| 10:1 | 70-7790   | 1    | Nut                    |  |  |  |  |
| 10:2 | 84-5230   | 1    | Pinion                 |  |  |  |  |
| 10:3 | 84-5440   | 1    | Ring-Rubber            |  |  |  |  |
| 11   | 70-7900   | 1    | Bushing                |  |  |  |  |
| 12   | 100-3444  | 1    | Housing-Lower, Starter |  |  |  |  |
| 15   | 3296-2    | 2    | Nut-Lock               |  |  |  |  |
| 16   | 32144-101 | 2    | Screw                  |  |  |  |  |
| 17   | 94-9933   | 1    | Plug-Power             |  |  |  |  |
| 18   | 61-4810   | 1    | Boot-Switch            |  |  |  |  |
| 19   | 61-4820   | 1    | Switch-Starter         |  |  |  |  |
| 20   | 100-3441  | 1    | Switch-Base, Housing   |  |  |  |  |
| 21   | 100-3442  | 1    | Housing-Cap, Switch    |  |  |  |  |



Handle and Lower Shroud Assembly

| Ref | Part No.   | Qty. | Description           |  |  |  |  |
|-----|------------|------|-----------------------|--|--|--|--|
| 3   | 75-9070-03 | 1    | Handle-Upper          |  |  |  |  |
| 8   | 92-2260    | 2    | Screw-Handle          |  |  |  |  |
| 9   | 605120     | 2    | Nut-Clip              |  |  |  |  |
| 10  | 3256-14    | 2    | Washer-Flat           |  |  |  |  |
| 11  | 32144-34   | 2    | Screw-Forming, Thread |  |  |  |  |
| 12  | 32115-17   | 2    | Nut-Expansion         |  |  |  |  |
| 13  | 75-8790    | 1    | Shroud                |  |  |  |  |
| 14  | 75-9060-03 | 1    | Tube-Frame            |  |  |  |  |
| 15  | 107-3844   | 2    | Washer                |  |  |  |  |
| 16  | 106-4161   | 2    | Knob-Handle           |  |  |  |  |





## Carburetor Assembly No. 640086A Tecumseh TH098SA-1723F

| Ref  | Part No. | Qty. | Description                                      |
|------|----------|------|--------------------------------------------------|
| ③    | 640086A  | 1    | Carburetor                                       |
| ③1   | 632166A  | 1    | Throttle Shaft And Lever ASM                     |
| ③2   | 632169   | 1    | Spring-Trottle, Return                           |
| ③44  | 631184   | 1    | Washer-Seal, Dust                                |
| ③45  | 631183   | 1    | Seal-Dust (Throttle)                             |
| ③6   | 631616   | 1    | Throttle-Shutter                                 |
| ③47  | 650506   | 2    | Screw-Shutter                                    |
| ③10  | 632553   | 1    | Choke Shaft And Lever ASM                        |
| ③14  | 31837    | 1    | Shutter-Choke                                    |
| ③15  | 630735   | 1    | Spring-Positioning, Choke                        |
| ③16  | 632164   | 1    | Fitting-Fuel                                     |
| ③25  | 631867   | 1    | Bowl-Float (No Drain)                            |
| ③26  | 632386   | 1    | Spring-Float, Dampening                          |
| ③427 | 631024   | 1    | Shaft-Float                                      |
| ③28  | 632019   | 1    | Float                                            |
| ③429 | 631028   | 1    | O Ring-Bowl, Float                               |
| ③430 | 631021   | 1    | Inlet Needle, Seat And Clip ASM<br>(Includes 31) |
| ③31  | 631022   | 1    | Clip-Spring                                      |
| ③36  | 640080   | 1    | Tube-Nozzle, Main                                |
| ③437 | 632547   | 2    | O-Ring (Main Nozzle Tube)                        |
| ③40  | 640301   | 1    | Nut-Bowl, High Speed                             |
| ③44  | 27110A   | 1    | Washer-Nut, Bowl                                 |
| ③448 | 631027   | 1    | Plug-Welch, Atmospheric Vent                     |

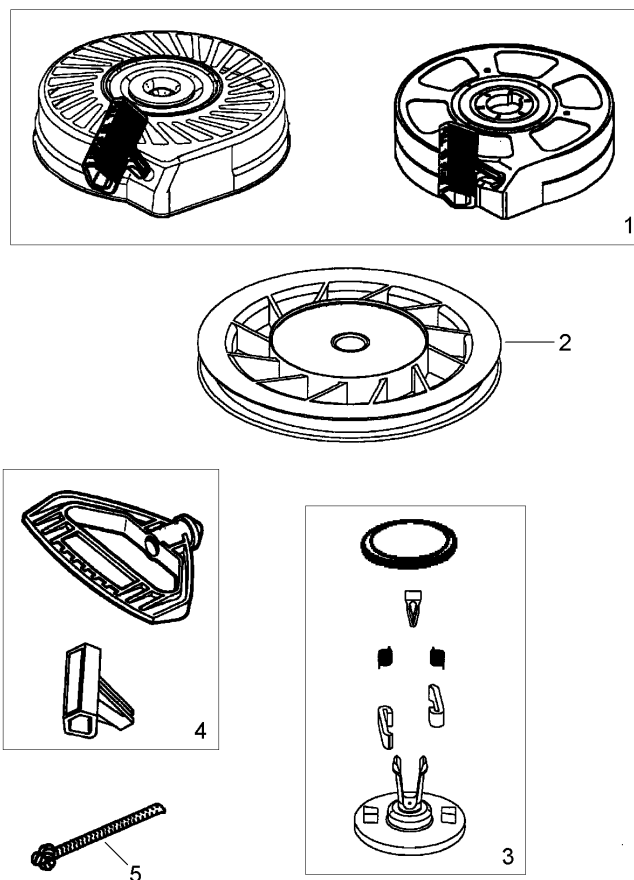
| Ref  | Part No. | Qty. | Description       |
|------|----------|------|-------------------|
| ③60  | 632760   | 1    | Repair Kit        |
| ③184 | 510326A  | 2    | Gasket-Carburetor |



# Engine Assembly

## Tecumseh TH098SA-1723F

| Ref   | Part No. | Qty. | Description                                   | Ref  | Part No. | Qty. | Description               |
|-------|----------|------|-----------------------------------------------|------|----------|------|---------------------------|
| ③1    | 710515A  | 1    | Short Block-Replacement                       | ③383 | 570434   | 1    | Baffle-Carburetor         |
| ③16B  | 490291A  | 1    | Vane-Air                                      | ③384 | 650431   | 2    | Screw (T-25, 10-32 X 5/8) |
| ③19   | 570707   | 1    | Spring-Extention (Governor)                   | ③390 | 590745   | 1    | Starter-Rewind            |
| ③24   | 530110   | 1    | Bearing-Ball                                  | ③400 | 510324B  | 1    | Gasket Set                |
| ③29   | 530150A  | 1    | Needle Bearing And Liner Set (37 Needle)      | ③420 | 730227D  | 1    | Oil-2 Cycle (8 Oz)        |
| ③29A  | 530104A  | 1    | Bearing-Cartridge                             | ① ③  | 900392B  | 1    | Engine-Replacement        |
| ③30   | 290602   | 1    | Crankshaft                                    |      |          |      |                           |
| ③33A  | 570644   | 1    | Plate-Cover                                   |      |          |      |                           |
| ③41   | 310294A  | 1    | Piston And Pin ASM                            |      |          |      |                           |
| ③42   | 310289A  | 1    | Ring Set                                      |      |          |      |                           |
| ③43   | 310167   | 1    | Ring-Retaning (Piston Pin)                    |      |          |      |                           |
| ③45   | 310235C  | 1    | Connecting Rod ASM (Includes 29)              |      |          |      |                           |
| ③46   | 650633   | 2    | Bolt-Rod, Connecting                          |      |          |      |                           |
| ③69   | 510292A  | 1    | Gasket-Cover, Cylinder                        |      |          |      |                           |
| ③75   | 510319   | 2    | Seal-Oil                                      |      |          |      |                           |
| ③77   | 530105   | 1    | Bearing-Cartridge                             |      |          |      |                           |
| ③89A  | 611032   | 1    | Sleeve-Adapter                                |      |          |      |                           |
| ③90   | 611066   | 1    | Flywheel                                      |      |          |      |                           |
| ③92   | 650815   | 1    | Washer-Belleville                             |      |          |      |                           |
| ③93   | 650390   | 1    | Nut-Flywheel                                  |      |          |      |                           |
| ③100  | 34443C   | 1    | Ignition-State, Solid                         |      |          |      |                           |
| ③101  | 610118   | 1    | Cover-Spark Plug                              |      |          |      |                           |
| ③103  | 651007   | 2    | Screw (T-15, 10-24 X 15/16)                   |      |          |      |                           |
| ③105A | 650796   | 4    | Stud                                          |      |          |      |                           |
| ③119  | 510274A  | 1    | Gasket-Head, Cylinder                         |      |          |      |                           |
| ③120  | 250240B  | 1    | Head-Cylinder                                 |      |          |      |                           |
| ③135  | 611049   | 1    | Spark Plug-Resistor (R C J 8Y)                |      |          |      |                           |
| ③169  | 510323A  | 1    | Gasket-Plate, Cover                           |      |          |      |                           |
| ③172A | 570708   | 1    | Cover-Release, Compression                    |      |          |      |                           |
| ③177  | 650959   | 2    | Screw (5/32 Allen, 1/4-20 X 1)                |      |          |      |                           |
| ③184  | 510326A  | 2    | Gasket-Carburetor                             |      |          |      |                           |
| ③186  | 490322   | 1    | Governor-Link                                 |      |          |      |                           |
| ③187  | 570438A  | 1    | Spacer                                        |      |          |      |                           |
| ③209  | 650579   | 4    | Screw (T-25, 10-24 X 1/2)                     |      |          |      |                           |
| ③216  | 570645   | 1    | Lever-Adjusting, Rpm                          |      |          |      |                           |
| ③239  | 35815    | 1    | Gasket-Cleaner, Air                           |      |          |      |                           |
| ③257  | 650911   | 4    | Screw (T-30, 1/4-20 X 5/8)                    |      |          |      |                           |
| ③258  | 350422   | 1    | Base-Housing, Blower                          |      |          |      |                           |
| ③260  | 350437   | 1    | Housing-Blower                                |      |          |      |                           |
| ③262  | 650737   | 4    | Screw (1/4-20 X 1/2)                          |      |          |      |                           |
| ③274  | 510207A  | 1    | Gasket-Exhaust                                |      |          |      |                           |
| ③275  | 390332   | 1    | Muffler (Includes 274, 277)                   |      |          |      |                           |
| ③277  | 650869   | 2    | Screw (1/4-20 X 2-3/4)                        |      |          |      |                           |
| ③285  | 590551A  | 1    | Cup-Starter                                   |      |          |      |                           |
| ③287  | 650926   | 3    | Screw (8-32 X 21/64)                          |      |          |      |                           |
| ③325  | 29443    | 1    | Clip-Wire                                     |      |          |      |                           |
| ③330  | 611131A  | 1    | Harness-Wire                                  |      |          |      |                           |
| ③353A | 650477   | 5    | Screw (T-30, 1/4-20 X 3/4)                    |      |          |      |                           |
| ③370  | 36695    | 1    | Decal-Tecumseh Logo For Top Of Recoil Starter |      |          |      |                           |
| ③380  | 640086A  | 1    | Carburetor (Includes 184)                     |      |          |      |                           |



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

**Rewind Starter No. 590745**  
**Tecumseh TH098SA-1723F**

| Ref | Part No. | Qty. | Description                     |
|-----|----------|------|---------------------------------|
| ❸1  | 590745   | 1    | Starter-Rewind                  |
| ❸2  | 590645A  | 1    | Pulley And Rewind Spring ASM    |
| ❸3  | 590772   | 1    | Repair Kit                      |
| ❸4  | 590701   | 1    | Handle-Starter (STD)            |
| ❸5  | 590535   | 1    | Rope-Starter (98 Cut To Length) |

## NOTES

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