



**522**

**Snowthrower**

**Model No. 38051—210000001 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.

## Contents

| <b>Description</b>                       | <b>Page</b> | <b>Description</b>                        | <b>Page</b> |
|------------------------------------------|-------------|-------------------------------------------|-------------|
| Chute and Auger Assembly .....           | 3           | Linkage and Traction Assembly .....       | 9           |
| 22" Gear Case Assembly No. 37-6962 ..... | 4           | Engine Tecumseh Model HSSK50-67401S ..... | 10          |
| Traction Assembly .....                  | 5           | Rewind Starter No. 590742 .....           | 14          |
| Traction Assembly (Continued) .....      | 6           | Starter Motor No. 33290E .....            | 15          |
| Engine Assembly .....                    | 7           | Carburetor No. 640084A .....              | 16          |
| Handle Assembly .....                    | 8           |                                           |             |

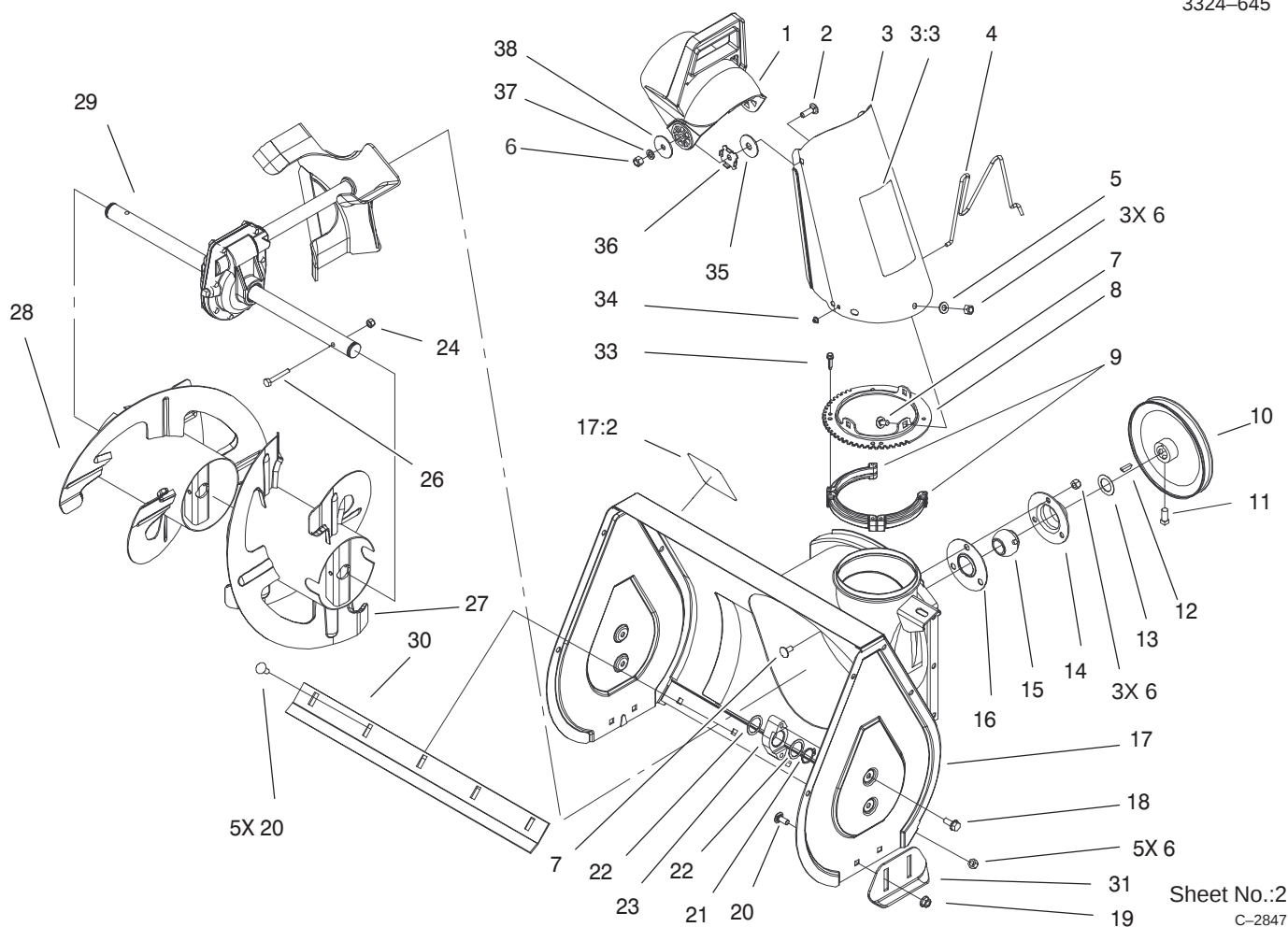
## Accessories

| <b>Description</b>                 | <b>Model / Part No.</b> | <b>Description</b>      | <b>Model / Part No.</b> |
|------------------------------------|-------------------------|-------------------------|-------------------------|
| 110 Vac Electric Starter Kit ..... | 38036                   | Drift Breaker Kit ..... | 37-7022                 |
| Tire Chain Kit .....               | 56-2700                 | Snow Cab .....          | 88-0600                 |

## Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

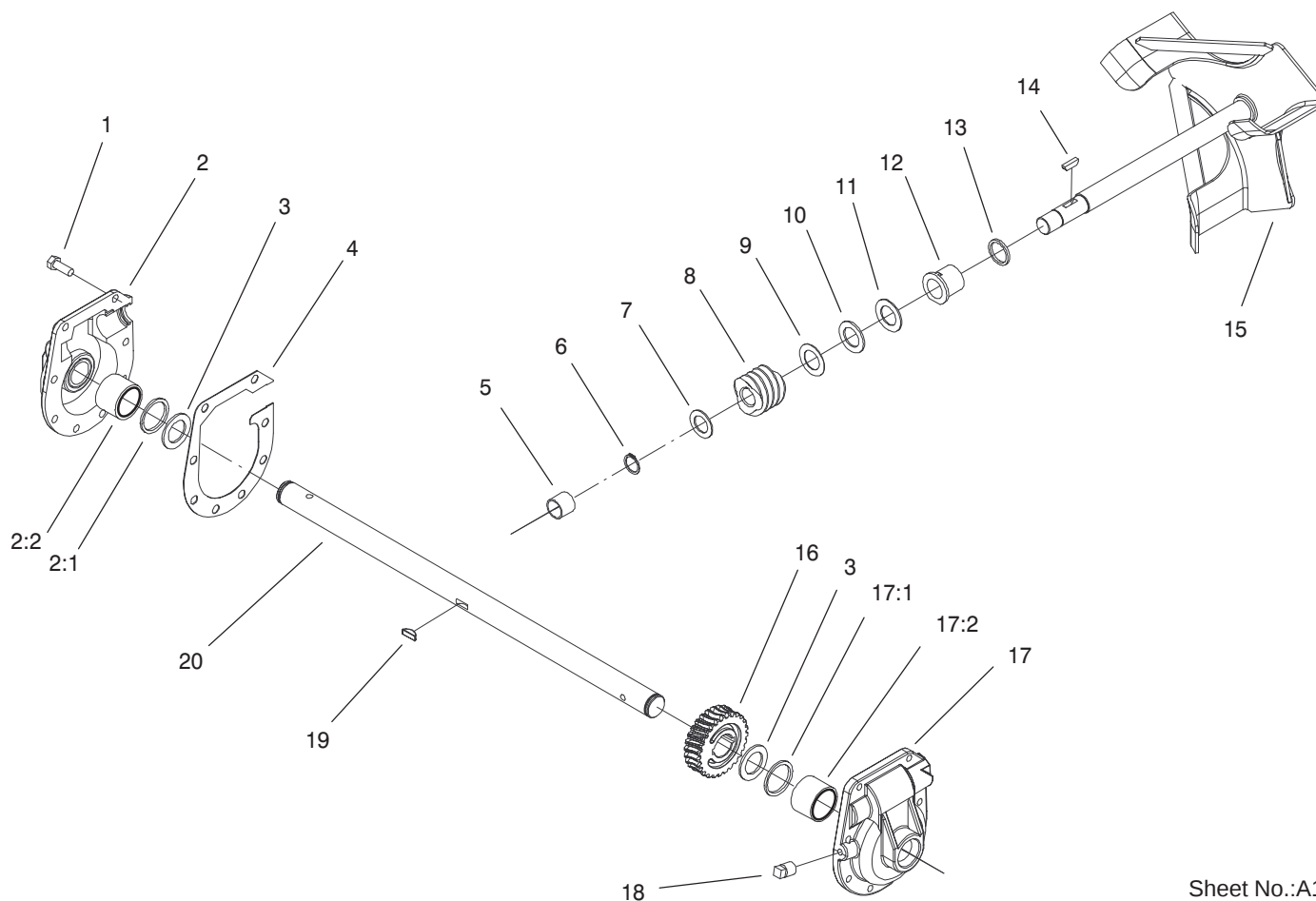
| <b>Abbreviation</b> | <b>Meaning</b>                    | <b>Abbreviation</b> | <b>Meaning</b>          |
|---------------------|-----------------------------------|---------------------|-------------------------|
| AR .....            | as required                       | INC .....           | incorporated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



Sheet No.:2  
C-2847

## Chute and Auger Assembly

| Ref. No. | Part No.   | Qty. | Description                 | Ref. No. | Part No.    | Qty. | Description       |
|----------|------------|------|-----------------------------|----------|-------------|------|-------------------|
| 1        | 56-2680    | 1    | Chute-Deflector             | 24       | 3296-42     | 2    | Nut-Lock          |
| 2        | 3230-22    | 2    | Screw-CARR                  | 26       | 321-10      | 2    | Screw-HH          |
| 3        | 94-2793    | 1    | Chute ASM                   | 27       | 39-1190-03  | 1    | Auger, LH         |
| 3:3      | 94-8079    | 1    | Decal-Danger                | 28       | 39-1180-03  | 1    | Auger, RH         |
| 4        | 56-2670    | 1    | Wire-Chute                  | 29       | 37-6962     | 1    | 22" Gear Case ASM |
| 5        | 3256-23    | 3    | Washer-Flat                 | 30       | 100-5476-01 | 1    | Blade-Scraper     |
| 6        | 3296-29    | 13   | Nut-Lock                    | 31       | 40-8160-01  | 2    | Skid              |
| 7        | 3230-18    | 6    | Screw-CARR                  | 33       | 27-0220     | 6    | Screw-Special     |
| 8        | 37-8941-03 | 1    | Ring-Chute                  | 34       | 3290-326    | 1    | Nut-Push          |
| 9        | 37-6490    | 3    | Ring-Chute, Retainer        | 35       | 20-4320     | 2    | Washer-Rubber     |
| 10       | 37-6890    | 1    | Pulley                      | 36       | 55-8950     | 2    | Plate-Friction    |
| 11       | 3242-4     | 2    | Screw-SQH Set               | 37       | 3290-456    | 2    | Washer-Belleville |
| 12       | 3257-23    | 1    | Key-Woodruff                | 38       | 3256-68     | 2    | Washer-Flat       |
| 13       | 3-0737     | 1    | Washer                      |          |             |      |                   |
| 14       | 26-6110    | 1    | Flange-Cup, Bearing         |          |             |      |                   |
| 15       | 63-3450    | 1    | Bearing-Ball                |          |             |      |                   |
| 16       | 26-6120    | 1    | Flange-Cup, Bearing         |          |             |      |                   |
| 17       | 100-5499   | 1    | Auger Housing ASM [Service] |          |             |      |                   |
| 17:2     | 53-7670    | 1    | Decal-Warning, Auger        |          |             |      |                   |
| 18       | 32144-70   | 4    | Screw-HH                    |          |             |      |                   |
| 19       | 32128-20   | 4    | Nut-HF                      |          |             |      |                   |
| 20       | 3230-1     | 9    | Screw-CARR                  |          |             |      |                   |
| 21       | 32151-36   | 2    | Ring-Retaining              |          |             |      |                   |
| 22       | 5-1550     | 4    | Washer                      |          |             |      |                   |
| 23       | 37-6550    | 2    | Bearing-Auger               |          |             |      |                   |



Sheet No.:A1  
C-2852

## 22" Gear Case Assembly No. 37-6962

| Ref. No. | Part No.   | Qty. | Description     |
|----------|------------|------|-----------------|
| 1        | 32144-41   | 8    | Screw-Taptite   |
| 2        | 14-2449    | 1    | Gear Case, RH   |
| 2:1      | 7-0045     | 1    | Seal-Oil        |
| 2:2      | 256-237    | 1    | Bushing         |
| 3        | 252-71     | 2    | Bearing-Thrust  |
| 4        | 51-0460    | 1    | Gasket-Gear Box |
| 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    | Bearing-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    | Shaft-Impeller  |
| 16       | 5-7180     | 1    | Gear-Worm 21 T  |
| 17       | 14-2459    | 1    | Gear Case, LH   |
| 17:1     | 7-0045     | 1    | Seal-Oil        |
| 17:2     | 256-237    | 1    | Bushing         |
| 18       | 281-1      | 1    | Plug-SQH Pipe   |
| 19       | 3257-33    | 1    | Key-Woodruff    |
| 20       | 37-6802    | 1    | Shaft-Auger     |

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



Sheet No.:3

## Traction Assembly

| Ref. No. | Part No.   | Qty. | Description                 | Ref. No. | Part No. | Qty. | Description |
|----------|------------|------|-----------------------------|----------|----------|------|-------------|
| 1        | 32144-70   | 2    | Screw-HH                    | 26       | 323-29   | 1    | Screw-HH    |
| 3        | 37-8900-01 | 1    | Frame-Traction              | 27       | 53-7570  | 1    | Spring      |
| 4        | 3296-29    | 2    | Nut-Lock                    |          |          |      |             |
| 5        | 38-0800    | 1    | Plate-Friction              |          |          |      |             |
| 6        | 38-7820    | 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    | Bearing-Thrust              |          |          |      |             |
| 12       | 32151-103  | 1    | Ring-Snap                   |          |          |      |             |
| 13       | 88-0850    | 1    | Pulley & Drive ASM          |          |          |      |             |
| 14       | 32144-4    | 4    | Screw                       |          |          |      |             |
| 15       | 37-8770    | 2    | Bolt-Shoulder               |          |          |      |             |
| 16       | 37-9070    | 1    | Bracket-Mount Clutch, Rear  |          |          |      |             |
| 17       | 40-6511-03 | 1    | Rod-Clutch, Auger           |          |          |      |             |
| 18       | 42-3560    | 1    | Bolt-Shoulder               |          |          |      |             |
| 19       | 66-8060    | 1    | Pad-Brake                   |          |          |      |             |
| 20       | 66-6790    | 1    | Bracket-Mount Clutch, 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                 |          |          |      |             |



Sheet No.:4

## Traction Assembly (Continued)

| Ref. No. | 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                |
| 7        | 37-8880  | 1    | Spring-Traction         |
| 8        | 3296-29  | 4    | Nut-Lock                |
| 9        | 39-1230  | 1    | Bracket-Sliding         |
| 10       | 32144-4  | 4    | Screw                   |
| 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-HH                |
| 19       | 10-9280  | 2    | Washer-Special          |
| 20       | 37-9160  | 1    | Int. Gear/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              |
| 25       | 32121-31 | 2    | Pin-Spring              |

| Ref. No. | Part No. | Qty. | Description        |
|----------|----------|------|--------------------|
| 26       | 3-8664   | 2    | Washer-Thrust      |
| 27       | 37-6850  | 2    | Bearing-Axle       |
| 28       | 3290-243 | 2    | Pin-Lynch          |
| 29       | 67-9221  | 2    | Wheel And Tire ASM |
| 29:1     | 231-120  | 1    | Tire               |
| 29:2     | 232-46   | 1    | Tube               |
| 29:3     | 241-131  | 1    | Rim-Wheel          |
| 30       | 32144-4  | 4    | Screw-HH           |

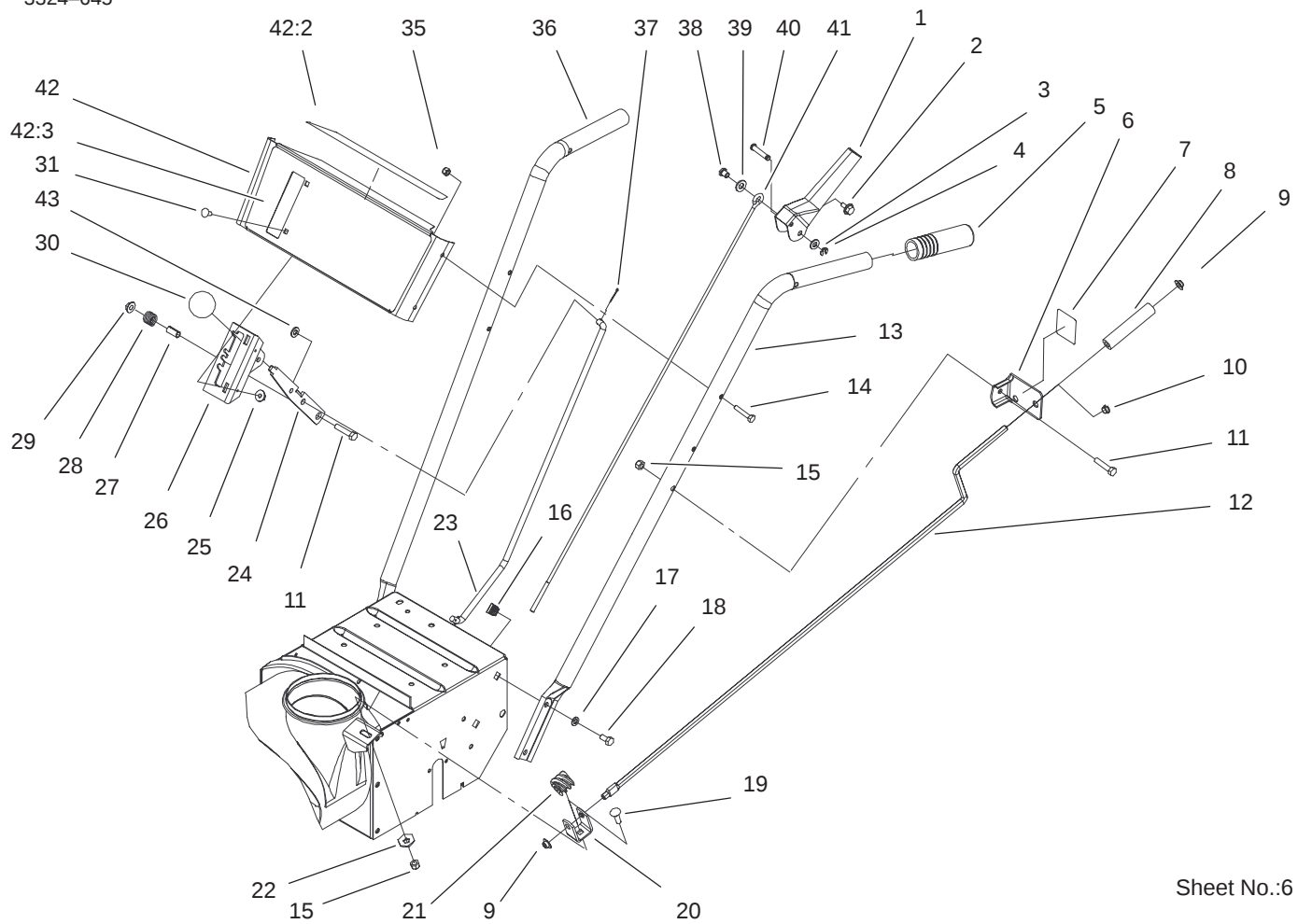


Sheet No.: 5

## Engine Assembly

| Ref. No. | Part No.   | Qty. | Description                              | Ref. No. | Part No. | Qty. | Description |
|----------|------------|------|------------------------------------------|----------|----------|------|-------------|
| ‡1       |            | 1    | Engine-5hp,<br>Tecumseh<br>Hssk50-67401s |          |          |      |             |
| 6        | 3296-29    | 10   | Nut-Lock                                 |          |          |      |             |
| 7        | 49-3040    | 1    | Pipe-Nipple                              |          |          |      |             |
| 8        | 281-7      | 1    | Cap-Pipe                                 |          |          |      |             |
| 10       | 32144-4    | 6    | Screw-HH                                 |          |          |      |             |
| 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       | 37-9080    | 1    | V-Belt                                   |          |          |      |             |
| 18       | 37-9090    | 1    | V-Belt                                   |          |          |      |             |
| 19       | 43-7370    | 1    | Pulley-Engine                            |          |          |      |             |
| 20       | 3210-3     | 1    | Screw-HH                                 |          |          |      |             |
| 21       | 3255-8     | 1    | Washer-Lock/Ext                          |          |          |      |             |
| 22       | 37-8990    | 1    | Retainer-Belt                            |          |          |      |             |

‡ Obtain locally.



Sheet No.:6

## Handle Assembly

| Ref. No. | Part No.   | Qty. | Description             |
|----------|------------|------|-------------------------|
| 1        | 63-3640    | 2    | Handle-Control          |
| 2        | 3234-13    | 2    | Screw-HHF               |
| 3        | 3256-23    | 2    | Washer-Flat             |
| 4        | 32151-73   | 2    | Ring-Clip               |
| 5        | 74-1360    | 2    | Grip-Handle             |
| 6        | 25-6090    | 1    | Bracket-Rod, Chute      |
| 7        | 63-3510    | 1    | Decal - Chute Direction |
| 8        | 40-8230    | 1    | Grip-Chute Control      |
| 9        | 3290-320   | 2    | Retainer-Push On        |
| 10       | 256-249    | 1    | Bushing                 |
| 11       | 322-7      | 2    | Screw-HH                |
| 12       | 40-8270    | 1    | Rod-Control, Chute      |
| 13       | 52-5571-03 | 1    | Handle-Left             |
| 14       | 321-9      | 4    | Screw-HH                |
| 15       | 3296-29    | 2    | Nut-Lock                |
| 16       | 3290-196   | 4    | Nut                     |
| 17       | 3290-456   | 4    | Washer-Belleville       |
| 18       | 322-2      | 4    | Screw-HH                |
| 19       | 3230-22    | 1    | Screw-CARR              |
| 20       | 40-8280    | 1    | Bracket-Worm            |
| 21       | 40-8250    | 1    | Gear-Worm, Chute        |
| 22       | 3290-238   | 1    | Washer-Lock             |
| 23       | 39-7570    | 1    | Rod-Selector, Speed     |
| 24       | 37-8820-03 | 1    | Selector-Speed          |
| 25       | 32128-33   | 2    | Nut-HF                  |

| Ref. No. | Part No.   | Qty. | Description           |
|----------|------------|------|-----------------------|
| 26       | 39-1280-03 | 1    | Mount-Selector, Speed |
| 27       | 40-8130    | 1    | Spacer                |
| 28       | 37-9150    | 1    | Spring                |
| 29       | 32128-13   | 1    | Nut-Hex Flange        |
| 30       | 233-21     | 1    | Knob                  |
| 31       | 3229-11    | 2    | Screw-CARR            |
| 35       | 3296-42    | 4    | Nut-Lock              |
| 36       | 52-5561-03 | 1    | Handle-Right          |
| 37       | 3272-4     | 1    | Pin-Cotter            |
| 38       | 47-4990    | 2    | Post-Linkage Mounting |
| 39       | 3256-24    | 2    | Washer-Flat           |
| 40       | 52-5600    | 2    | Pin-Lever, Control    |
| 41       | 52-5590    | 2    | Link-Upper            |
| 42       | 100-3565   | 1    | Escutcheon Panel ASM  |
| 42:2     | 99-3214    | 1    | Decal-Escutcheon Back |
| 42:3     | 100-3332   | 1    | Decal - Escutcheon    |
| 43       | 3256-23    | 1    | Washer-Flat           |



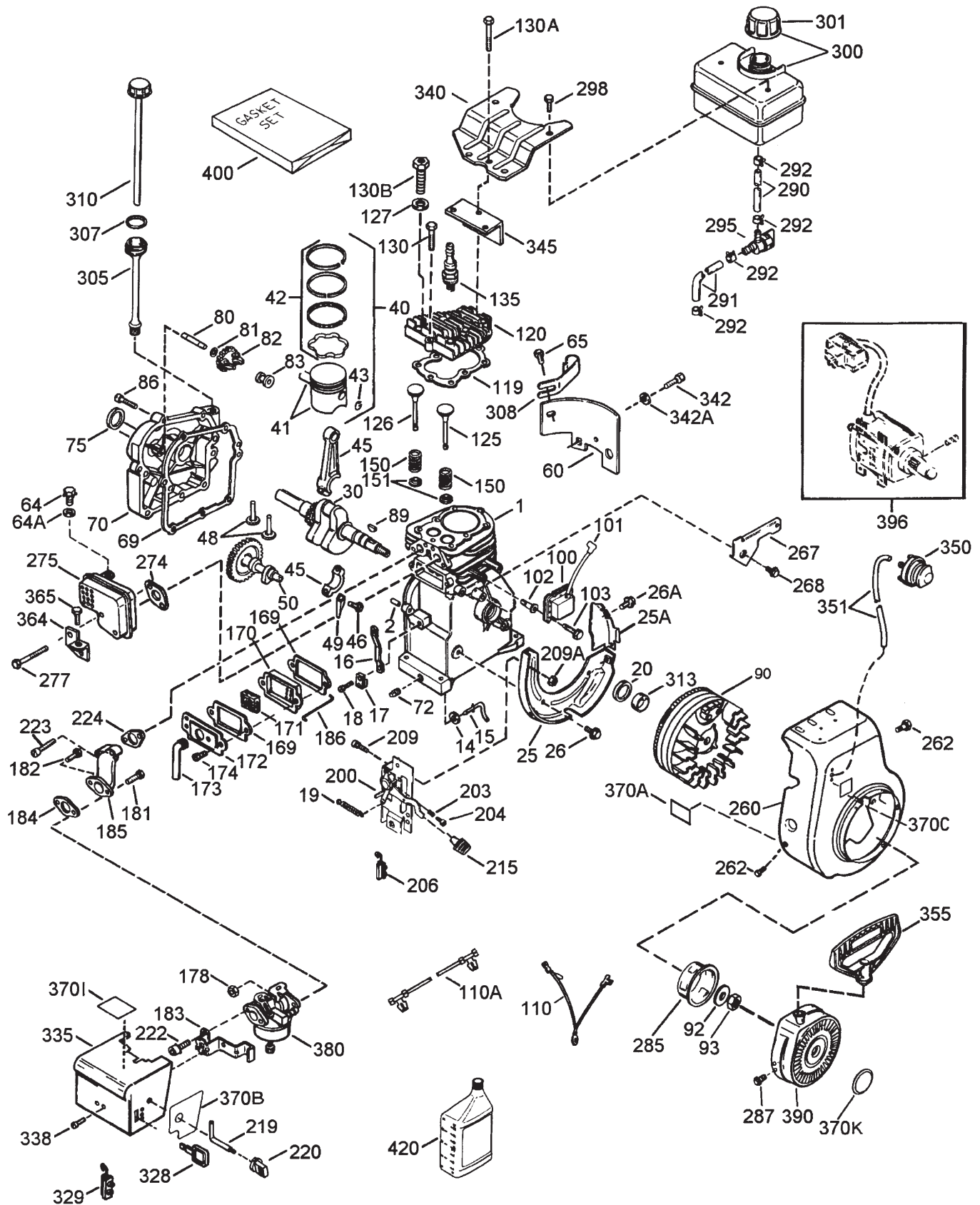
Sheet No.:7

## Linkage and Traction Assembly

| Ref. No. | Part No.   | Qty. | Description           |
|----------|------------|------|-----------------------|
| 1        | 32128-33   | 1    | Nut-HF                |
| 2        | 39-3060    | 1    | Rod-Traction, Lower   |
| 3        | 38-4490    | 1    | Bracket-Traction      |
| 4        | 40-8350    | 1    | Screw                 |
| 5        | 38-4520    | 1    | Spring                |
| 6        | 32128-32   | 2    | Nut-Hex, Flange       |
| 7        | 32151-61   | 1    | Ring-Retaining        |
| 8        | 40-9680    | 1    | Spacer                |
| 9        | 3296-42    | 1    | Nut-Lock              |
| 10       | 32144-70   | 2    | Screw-HH              |
| 11       | 43-7310-03 | 1    | Traction Arm Assembly |
| 12       | 283-3      | 1    | Pin-Clevis            |
| 13       | 3272-4     | 2    | Pin-Cotter            |
| 14       | 32115-5    | 1    | Nut-Retained          |
| 15       | 3218-1     | 1    | Nut-Jam               |
| 16       | 39-3080    | 1    | Clevis                |
| 17       | 3296-29    | 1    | Nut-Lock              |
| 18       | 37-8790    | 1    | Mount-Lever           |
| 19       | 3256-23    | 1    | Washer-Flat           |
| 20       | 37-8800    | 1    | Gear-Quadrant         |
| 21       | 37-8770    | 1    | Bolt-shoulder         |

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

# Engine Tecumseh Model HSSK50-67401S



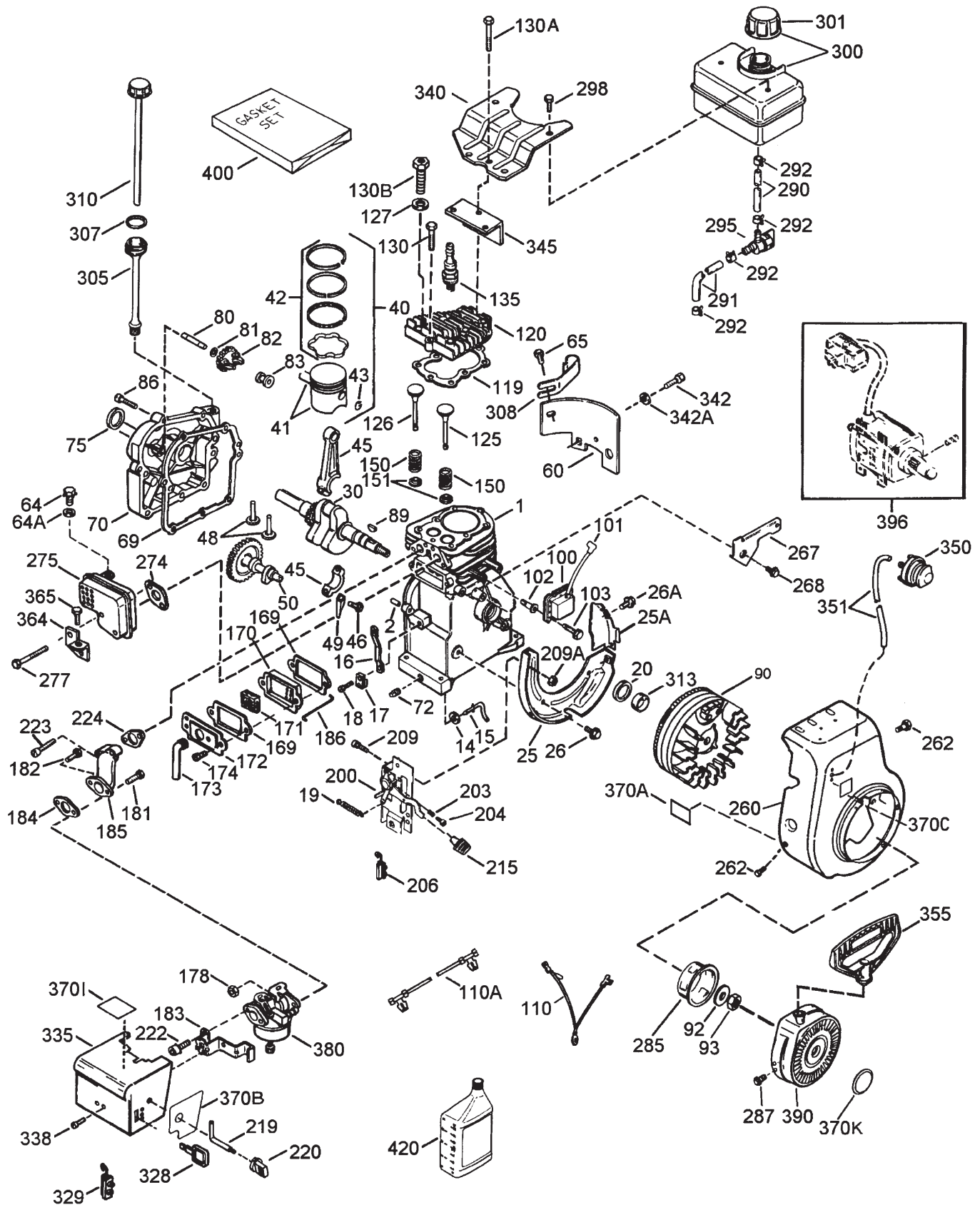
# Engine Tecumseh Model HSSK50-67401S

| Ref. No. | Part No. | Qty. | Description                                                 | Ref. No. | Part No. | Qty. | Description                                                       |
|----------|----------|------|-------------------------------------------------------------|----------|----------|------|-------------------------------------------------------------------|
| 1        | 36469A   | 1    | Cylinder Assembly<br>(Incl. Ref. #2, 20, 72 & 125)          | 86       | 650488   | 7    | Screw – Hex Hd.                                                   |
| 2        | 26727    | 2    | Pin – Dowel                                                 | 89       | 610961   | 1    | Key– Flywheel                                                     |
| 14       | 28277    | 1    | Washer – Flat                                               | 90       | 611199   | 1    | Flywheel – w/Ring Gear                                            |
| 15       | 31334    | 1    | Rod – Governor                                              | 92       | 650815   | 1    | Washer – Belleville                                               |
| 16       | 31510    | 1    | Lever – Governor                                            | 93       | 650816   | 1    | Nut – Flywheel                                                    |
| 17       | 31335    | 1    | Clamp – Governor Lever                                      | 100      | 34443B   | 1    | Solid State Assembly                                              |
| 18       | 651018   | 1    | Screw – Torx                                                | 101      | 610118   | 1    | Cover – Spark Plug                                                |
| 19       | 31426    | 1    | Spring – Extension                                          | 102      | 651024   | 2    | Stud                                                              |
| 20       | 32600    | 1    | Seal – Oil                                                  | 103      | 651007   | 2    | Screw – Torx                                                      |
| 25       | 36552    | 1    | Baffle – Blower Housing                                     | 110      | 35182    | 1    | Wire – Ground                                                     |
| 25A      | 35883    | 1    | Extension – Baffle                                          | 110A     | 36874    | 1    | Ground Wire                                                       |
| 26       | 650802   | 2    | Screw – Hex Washer Hd.                                      | 119      | *36443   | 1    | Gasket – Cylinder Head                                            |
| 26A      | 650926   | 1    | Screw                                                       | 120      | 36441    | 1    | Head – Cylinder<br>(Incl. Ref. #131)                              |
| 30       | 34740    | 1    | Crankshaft Assembly                                         | 125      | 36471    | 1    | Valve – Exhaust Standard<br>(Incl. Ref. #151)                     |
| 40       | 36073    | 1    | Piston – Pin & Ring<br>Asm.. Standard                       |          | 36472    | 1    | Valve – Exhaust 1/32”<br>oversize (Incl. Ref. #151)               |
|          | 36074    | 1    | Piston – Pin & Ring<br>Asm.<br>.010” oversize               | 126      | 32644A   | 1    | Valve – Intake Standard<br>(Incl. Ref. #151)                      |
|          | 36075    | 1    | Piston – Pin & Ring<br>Asm.<br>.020” oversize               |          | 32645A   | 1    | Valve – Intake 1/32”<br>oversize (Incl. Ref. #151)                |
| 41       | 36070    | 1    | Piston & Pin Asm..<br>Standard (Incl. Ref. #43)             | 127      | 650691   | 1    | Washer – Flat                                                     |
|          | 36071    | 1    | Piston & Pin Assembly<br>.010” oversize<br>(Incl. Ref. #43) | 130      | 6021A    | 2    | Screw – Hex Flange Hd.                                            |
|          | 36072    | 1    | Piston & Pin Assembly<br>.020” oversize<br>(Incl. Ref. #43) | 130A     | 650694A  | 5    | Screw – Hex Flange Hd.                                            |
| 42       | 36076    | 1    | Ring Set – Piston Std.                                      | 130B     | 650818   | 1    | Screw – Special                                                   |
|          | 36077    | 1    | Ring Set – Piston<br>.010” oversize                         | 135      | 35395    | 1    | Plug – Spark (Champion<br>RJ-19LM or equivalent)                  |
|          | 36078    | 1    | Ring Set – Piston<br>.020” oversize                         | 150      | 31672    | 2    | Spring – Valve                                                    |
| 43       | 20381    | 2    | Ring – Piston Pin<br>Retaining                              | 151      | 31673    | 2    | Cap – Valve Spring                                                |
| 45       | 32875A   | 1    | Connecting Rod<br>Assembly<br>(Incl. Ref. #46 & 49)         | 169      | *27234A  | 2    | Gasket – Valve Cover                                              |
| 46       | 32610A   | 2    | Bolt – Connecting Rod                                       | 170      | 27666    | 1    | Body – Valve Cover                                                |
| 48       | 27241    | 2    | Lifter – Valve                                              | 171      | 31410    | 1    | Element – Valve Body                                              |
| 49       | 32654    | 1    | Dipper – Oil                                                | 172      | 34146    | 1    | Cover – Breather                                                  |
| 50       | 33158    | 1    | Camshaft                                                    | 173      | 35350    | 1    | Tube – Breather                                                   |
| 60       | 29745    | 1    | Extension – Blower                                          | 174      | 650783   | 2    | Screw – Hex Hd.                                                   |
| 64       | 30063    | 1    | Screw – Hex Washer Hd.                                      | 178      | 29752    | 2    | Nut & Lockwasher                                                  |
| 64A      | 8345     | 1    | Washer – Flat                                               | 181      | 650870   | 1    | Screw – Hex Hd.                                                   |
| 65       | 650128   | 1    | Screw – Hex Hd.                                             | 182      | 6201     | 1    | Screw – Hex Hd.                                                   |
| 69       | *27677A  | 1    | Gasket – Cylinder Cover                                     | 183      | 34583A   | 1    | Bracket – Choke                                                   |
| 70       | 34674C   | 1    | Cover – Cylinder<br>(Incl. Ref. #75 & 80)                   | 184      | *26756   | 1    | Gasket – Carburetor                                               |
| 72       | 27642    | 2    | Plug – Pipe                                                 | 185      | 33691    | 1    | Pipe – Intake                                                     |
| 75       | 27897    | 1    | Seal – Oil                                                  | 186      | 32698    | 1    | Link – Governor to<br>Throttle                                    |
| 80       | 30574A   | 1    | Shaft – Governor                                            | 200      | 36677    | 1    | Control Assembly<br>(Incl. Ref.# 203, 204,<br>206,<br>209 & 209A) |
| 81       | 30590A   | 1    | Washer – Flat                                               | 203      | 31342    | 1    | Spring – Compression                                              |
| 82       | 30591    | 1    | Gear – Governor<br>(Incl. Ref. #81)                         | 204      | 651029   | 1    | Screw – Fil. Hd.                                                  |
| 83       | 30588A   | 1    | Spool – Governor                                            | 206      | 610973   | 1    | Terminal Assembly                                                 |
|          |          |      |                                                             | 209      | 650139   | 2    | Screw                                                             |
|          |          |      |                                                             | 209A     | 30322    | 2    | Lock Nut                                                          |
|          |          |      |                                                             | 215      | 35440    | 1    | Knob – Speed Control                                              |
|          |          |      |                                                             | 219      | 34582    | 1    | Rod – Choke                                                       |
|          |          |      |                                                             | 220      | 35438    | 1    | Knob – Choke Control                                              |
|          |          |      |                                                             | 222      | 28820    | 2    | Screw – Fil. Hd.                                                  |
|          |          |      |                                                             | 223      | 650664   | 2    | Screw – Fil Hd.                                                   |
|          |          |      |                                                             | 224      | *33673A  | 1    | Gasket – Intake                                                   |

Note: Order individual parts from your local Tecumseh dealer.

\* Indicated Parts included in Gasket Set Ref.#400

# Engine Tecumseh Model HSSK50-67401S

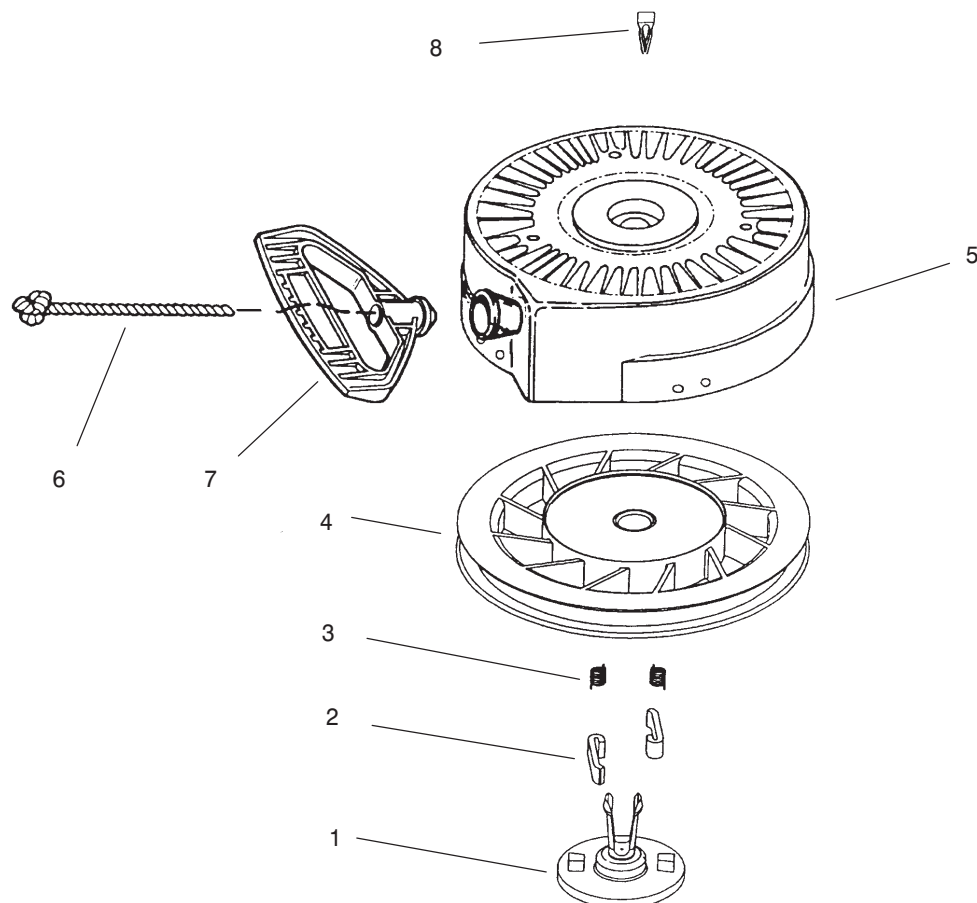


# Engine Tecumseh Model HSSK50-67401S (Continued)

| Ref. No. | Part No. | Qty. | Description                                                                                                                                  | Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|----------------------------------------------------------------------------------------------------------------------------------------------|----------|----------|------|-------------|
| 260      | 35656A   | 1    | Housing – Blower                                                                                                                             |          |          |      |             |
| 262      | 650737   | 2    | Screw – Hex Hd.                                                                                                                              |          |          |      |             |
| 267      | 34212    | 1    | Bracket – Hold Down                                                                                                                          |          |          |      |             |
| 268      | 30200    | 1    | Screw – Hex WashersHd.                                                                                                                       |          |          |      |             |
| 274      | *33670A  | 1    | Gasket – Exhaust                                                                                                                             |          |          |      |             |
| 275      | 35771    | 1    | Muffler (Incl. Ref.# 274)                                                                                                                    |          |          |      |             |
| 277      | 650327   | 2    | Screw – Fil. Hd.                                                                                                                             |          |          |      |             |
| 285      | 36467A   | 1    | Cup – Starter                                                                                                                                |          |          |      |             |
| 287      | 650926   | 2    | Screw – Hex Washer Hd.                                                                                                                       |          |          |      |             |
| 290      | 30705    | 1    | Line – Fuel                                                                                                                                  |          |          |      |             |
| 291      | 29774    | 1    | Line – Fuel                                                                                                                                  |          |          |      |             |
| 292      | 26460    | 4    | Clamp – Fuel Line                                                                                                                            |          |          |      |             |
| 295      | 35857    | 1    | Valve – Shut-Off                                                                                                                             |          |          |      |             |
| 298      | 650665   | 2    | Screw – Hex Washer Hd.                                                                                                                       |          |          |      |             |
| 300      | 35584    | 1    | Tank Assembly – Fuel<br>(Incl. Ref. #292 & 301)                                                                                              |          |          |      |             |
| 301      | 36246    | 1    | Cap – Fuel Tank                                                                                                                              |          |          |      |             |
| 305      | 35554    | 1    | Tube Asm.. – Oil Fill                                                                                                                        |          |          |      |             |
| 307      | 35499    | 1    | ”O” Ring                                                                                                                                     |          |          |      |             |
| 308      | 35539    | 1    | Clip – Oil Fill                                                                                                                              |          |          |      |             |
| 310      | 35556    | 1    | Dipstick                                                                                                                                     |          |          |      |             |
| 313      | 34080    | 1    | Spacer – Flywheel Key                                                                                                                        |          |          |      |             |
| 328      | 35062    | 2    | Ignition Key                                                                                                                                 |          |          |      |             |
| 329      | 610973   | 1    | Terminal                                                                                                                                     |          |          |      |             |
| 335      | 35072    | 1    | Cover – Carburetor                                                                                                                           |          |          |      |             |
| 338      | 650257   | 2    | Screw – Pan Hd.                                                                                                                              |          |          |      |             |
| 340      | 36247    | 1    | Plate – Fuel Tank                                                                                                                            |          |          |      |             |
| 342      | 30063    | 1    | Screw w/Belleville<br>Washer                                                                                                                 |          |          |      |             |
| 342A     | 650675   | 1    | Washer – Flat                                                                                                                                |          |          |      |             |
| 345      | 33344    | 1    | Baffle – Heat                                                                                                                                |          |          |      |             |
| 350      | 570682A  | 1    | Primer Assembly                                                                                                                              |          |          |      |             |
| 351      | 32180C   | 1    | Line – Primer                                                                                                                                |          |          |      |             |
| 355      | 590574   | 1    | Handle – Starter                                                                                                                             |          |          |      |             |
| 364      | 33333    | 1    | Carburetor Cover<br>Bracket                                                                                                                  |          |          |      |             |
| 365      | 650735   | 1    | Screw                                                                                                                                        |          |          |      |             |
| 370A     | 36261    | 1    | Decal – Lubrication                                                                                                                          |          |          |      |             |
| 370B     | 35282    | 1    | Control Decal                                                                                                                                |          |          |      |             |
| 370C     | 36501    | 1    | Primer Decal                                                                                                                                 |          |          |      |             |
| 370I     | 37119    | 1    | Warning Decal                                                                                                                                |          |          |      |             |
| 370K     | 36695    | 1    | Starter Decal                                                                                                                                |          |          |      |             |
| 380      | 640084A  | 1    | Carburetor (Incl. Ref.<br>#184)                                                                                                              |          |          |      |             |
| 390      | 590742   | 1    | Starter – Rewind                                                                                                                             |          |          |      |             |
| 396      | 33290E   | 1    | Electric Starter Kit<br>(110 V)<br>(Optional)                                                                                                |          |          |      |             |
| 400      | 36444    | 1    | Gasket Set<br>(Incl. Parts Marked *)<br>(26756 (1), 27234A (2),<br>27272A (1), 27677A (1)<br>29673 (1), 36443 (1),<br>33670A (1), 33673A (1) |          |          |      |             |
| 420      | 730226   | 1    | Oil – 4 Cycle<br>SAE 5W30 (Quart)                                                                                                            |          |          |      |             |

Note: Order individual parts from your local Tecumseh dealer.

\* Indicated Parts included in Gasket Set Ref.#400

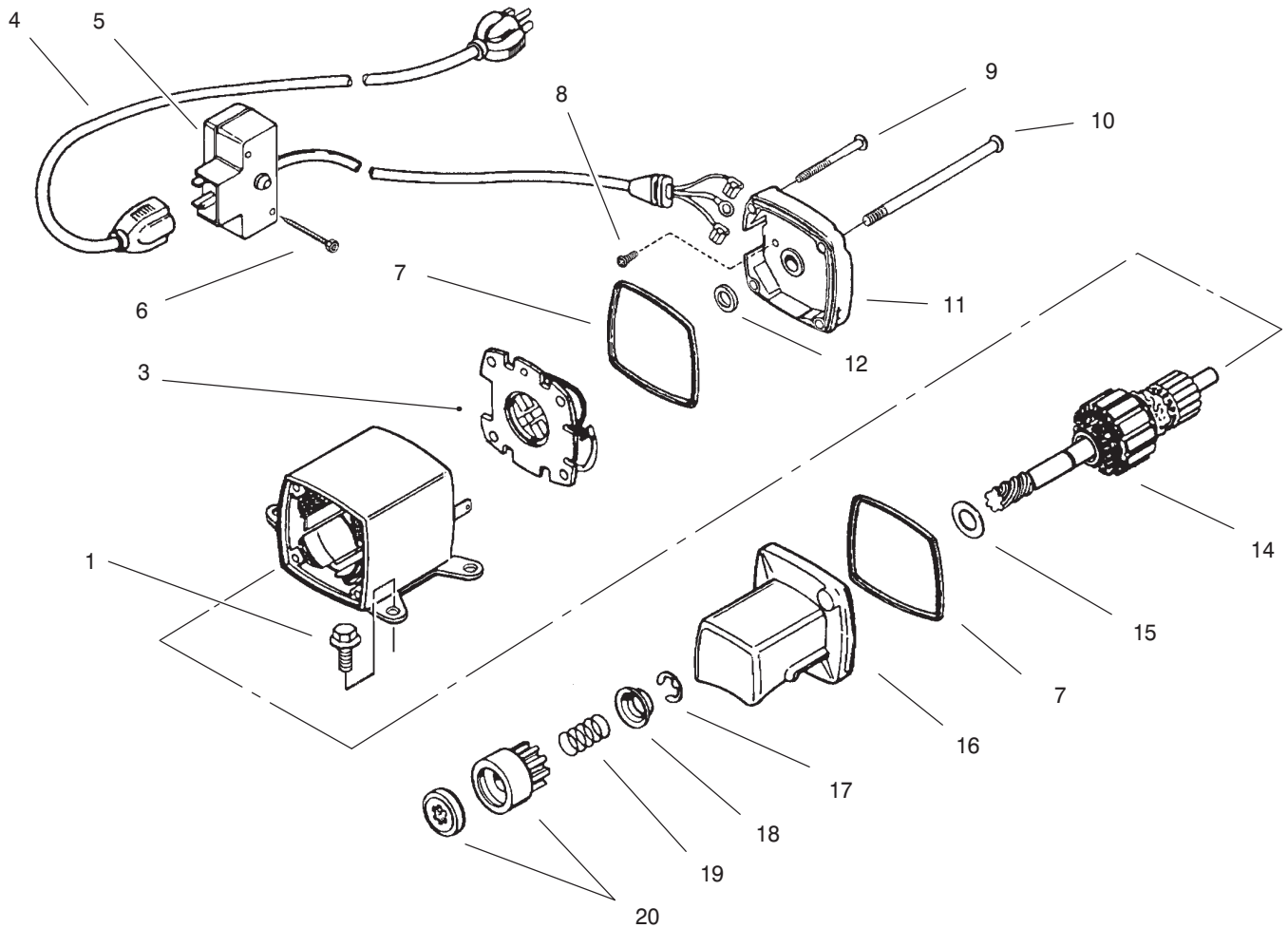


# Rewind Starter No. 590742

| Ref. No. | Part No. | Qty. | Description                    |
|----------|----------|------|--------------------------------|
| 1        | 590740   | 1    | Retainer                       |
| 2        | 590616   | 2    | Starter Dog                    |
| 3        | 590617   | 2    | Dog Spring                     |
| 4        | 590645A  | 1    | Pulley & Rewind Spring<br>Asm. |
| 5        | 590647   | 1    | Starter Housing Asm.           |
| 6        | 590535   | 1    | Starter Rope                   |
| 7        | 590574   | 1    | Mitten Grip Handle             |
| 8        | 590741   | 1    | Locking Tab                    |

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

Note: Order individual parts from your local Tecumseh dealer.

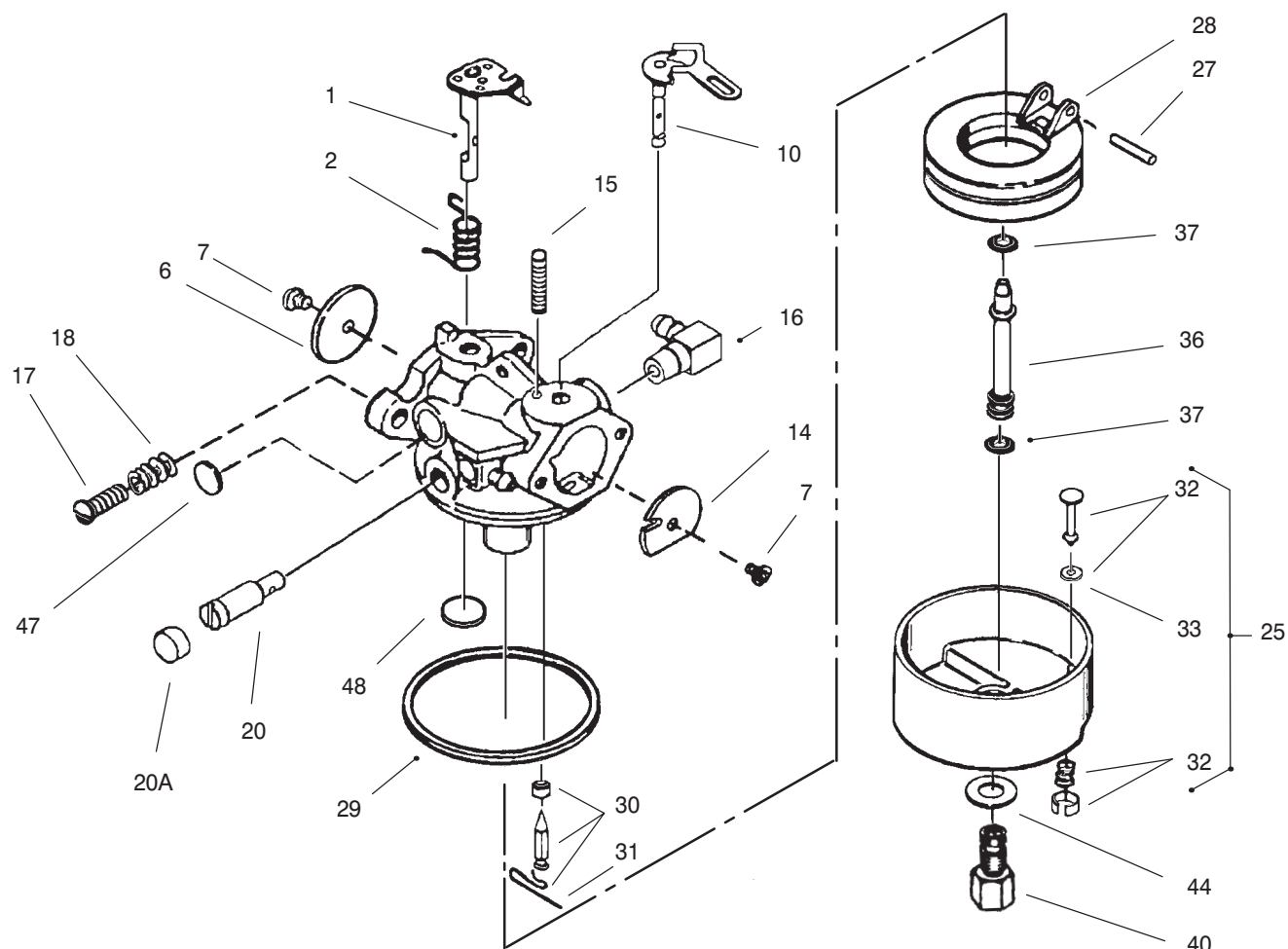


## Starter Motor No. 33290E (Optional)

| Ref. No. | Part No. | Qty. | Description                                 | Ref. No. | Part No. | Qty. | Description       |
|----------|----------|------|---------------------------------------------|----------|----------|------|-------------------|
| 1        | 650759   | 3    | Screw – Torx                                | *        | 730623   | 1    | Switch Repair Kit |
| 3        | 35452A   | 1    | Brush & Spring Card Asm                     |          |          |      |                   |
| 4        | 32450B   | 1    | Cord – Extension                            |          |          |      |                   |
| 5        | 35454    | 1    | Switch Box Asm<br>(Incl. Ref. # 6)          |          |          |      |                   |
| 6        | 650819   | 2    | Screw                                       |          |          |      |                   |
| 7        | 35450    | 2    | O'Ring                                      |          |          |      |                   |
| 8        | 33441    | 1    | Screw – Ground                              |          |          |      |                   |
| 9        | 35456    | 1    | Screw – Ground                              |          |          |      |                   |
| 10       | 35462    | 2    | Bolt – Case                                 |          |          |      |                   |
| 11       | 35453    | 1    | Cap – Commutator End Asm<br>(Incl. Ref. #7) |          |          |      |                   |
| 12       | 590500   | 1    | Washer – Thrust                             |          |          |      |                   |
| 14       | 35912    | 1    | Armature                                    |          |          |      |                   |
| 15       | 35911    | 1    | Washer – Thrust                             |          |          |      |                   |
| 16       | 35461    | 1    | Cap – Drive End<br>(Incl. Ref.# 7)          |          |          |      |                   |
| 17       | 31749    | 1    | Ring – Retainer                             |          |          |      |                   |
| 18       | 33522    | 1    | Retainer – Spring                           |          |          |      |                   |
| 19       | 33769    | 1    | Spring – Anti Drift                         |          |          |      |                   |
| 20       | 33524    | 1    | Nut & Gear                                  |          |          |      |                   |
| *        | 33290E   | 1    | Starter – Electric<br>(110 Volt)            |          |          |      |                   |

Note: Order individual parts from your local Tecumseh dealer.

\* Not Illustrated



## Carburetor No. 640084A

| Ref. No. | Part No. | Qty. | Description                                  |
|----------|----------|------|----------------------------------------------|
| 1        | 631615   | 1    | Shaft & Lever Assembly                       |
| 2        | 631767   | 1    | Throttle Shaft & Lever Asm.                  |
| 6        | 640070   | 1    | Throttle Shutter                             |
| 7        | 650506   | 2    | Screw – Shutter                              |
| 10       | 632108   | 1    | Choke Shaft & Throttle Asm.                  |
| 14       | 631890   | 1    | Shutter – Choke                              |
| 15       | 630735   | 1    | Spring – Choke Positioning                   |
| 16       | 631807   | 1    | Fuel Fitting                                 |
| 17       | 651025   | 1    | Screw – Idle                                 |
| 18       | 630766   | 1    | Spring – Tension                             |
| 20       | 640018   | 1    | Screw – Idle Restrictor                      |
| 20A      | 640053   | 1    | Cap – Idle Restrictor Screw                  |
| 25       | 631951   | 1    | Float Bowl Asm. (Incl. Ref. # 32, 33)        |
| 27       | 631024   | 1    | Shaft – Float                                |
| 28       | 632019   | 1    | Float                                        |
| 29       | 631028   | 1    | ORing – Float Bowl                           |
| 30       | 631021   | 1    | Inlet Needle – Seat & Clip (Incl. Ref. # 31) |
| 31       | 631022   | 1    | Clip – Spring                                |
| 32       | 27136A   | 1    | Bowl Drain Asm.                              |

| Ref. No. | Part No. | Qty. | Description                    |
|----------|----------|------|--------------------------------|
| 33       | 27554    | 1    | Gasket – Drain Plunger         |
| 36       | 632745   | 1    | Main Nozzle Tube               |
| 37       | 632547   | 2    | ORing – Main Nozzle Tube       |
| 40       | 640131   | 1    | Nut – High Speed Bowl          |
| 44       | 27110    | 1    | Bowl Nut Washer                |
| 47       | 630748   | 1    | Welch Plug – Idle Mixture Well |
| 48       | 631027   | 1    | Welch Plug – Atmospheric Vent  |
| *        | 640084A  | 1    | Carburetor (Incl. Ref. #1-48)  |

Note: Order individual parts from your local Tecumseh dealer.

\* Not Illustrated



## Maintenance Record

[illegible]



