



## 724 Snowthrower

Model No. 38072—200000001 and Up

Model No. 38073—200000001 and Up

### Parts Catalog

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#### 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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| Engine Assembly .....                    | 7           | Electric Starter Kit No. 38–7590 (Optional) ..... | 16          |
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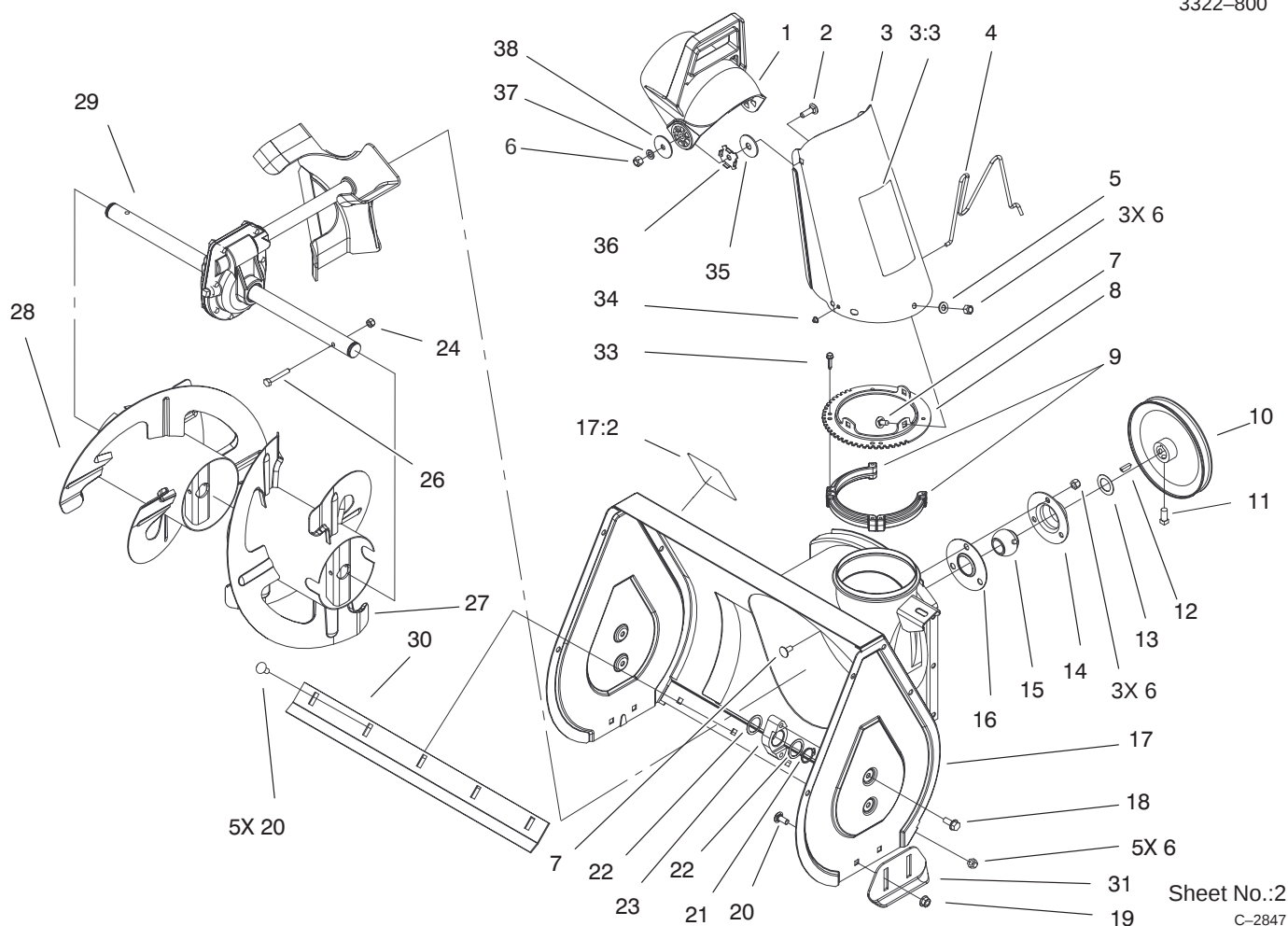
## Accessories

| <b>Description</b>                 | <b>Model / Part No.</b> | <b>Description</b>      | <b>Model / Part No.</b> |
|------------------------------------|-------------------------|-------------------------|-------------------------|
| 110 Vac Electric Starter Kit ..... | 38037                   | Drift Breaker Kit ..... | 37–7021                 |
| 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 |                     |                         |

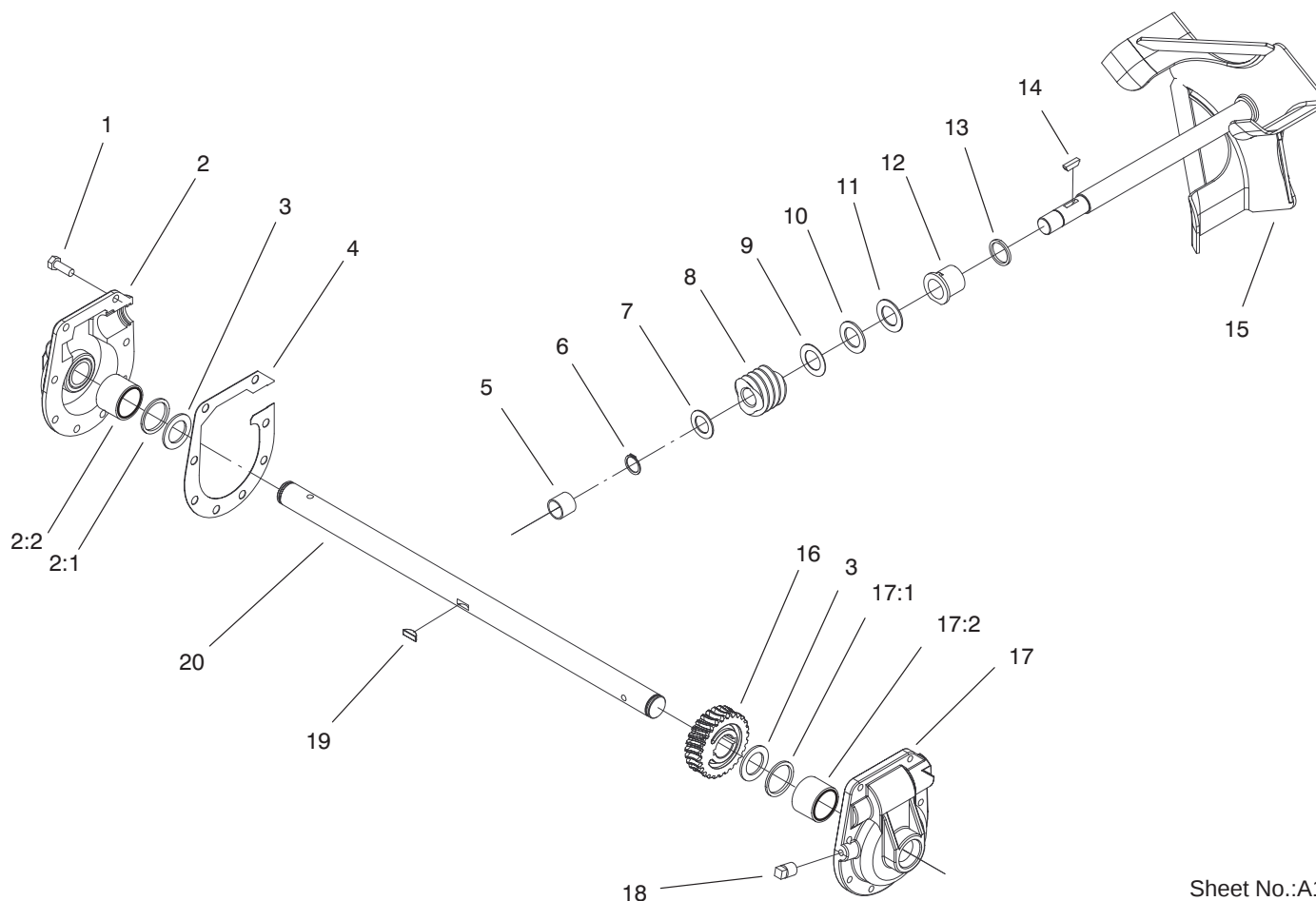


Sheet No.:2

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## Chute and Auger Assembly

| Ref. No. | Part No.   | Qty. | Description                           | Ref. No. | Part No.    | Qty. | Description                              |
|----------|------------|------|---------------------------------------|----------|-------------|------|------------------------------------------|
| 1        | 56-2680    | 1    | Chute-Deflector                       | 17       | 94-2785     | 1    | Auger Housing ASM<br>(only on: 38073)    |
| 2        | 3230-22    | 2    | Screw-CARR                            | 17:2     | 94-2568     | 1    | Decal-Warning, Auger<br>(only on: 38073) |
| 3        | 94-2792    | 1    | Chute ASM (only on:<br>38073)         | 17:2     | 53-7670     | 1    | Decal-Warning, Auger<br>(only on: 38072) |
| 3        | 94-2793    | 1    | Chute ASM (only on:<br>38072)         | 18       | 32144-70    | 4    | Screw-HH                                 |
| 3:3      | 94-2558    | 1    | Decal - Danger (only<br>on: 38073)    | 19       | 32128-20    | 4    | Nut-HF                                   |
| 3:3      | 94-8079    | 1    | Decal-Danger (only<br>on: 38072)      | 20       | 3230-1      | 9    | Screw-CARR                               |
| 4        | 56-2670    | 1    | Wire-Chute                            | 21       | 32151-36    | 2    | Ring-Retaining                           |
| 5        | 3256-23    | 3    | Washer-Flat                           | 22       | 5-1550      | 4    | Washer                                   |
| 6        | 3296-29    | 13   | Nut-Lock                              | 23       | 37-6550     | 2    | Bearing-Auger                            |
| 7        | 3230-18    | 6    | Screw-CARR                            | 24       | 3296-42     | 2    | Nut-Lock                                 |
| 8        | 37-8941-03 | 1    | Ring-Chute                            | 26       | 321-10      | 2    | Screw-HH                                 |
| 9        | 37-6490    | 3    | Ring-Chute, Retainer                  | 27       | 74-1590-03  | 1    | Auger, LH                                |
| 10       | 37-6890    | 1    | Pulley                                | 28       | 74-1600-03  | 1    | Auger, RH                                |
| 11       | 3242-4     | 2    | Screw-SQH Set                         | 29       | 37-6961     | 1    | 24" Gear Case ASM                        |
| 12       | 3257-23    | 1    | Key-Woodruff                          | 30       | 100-3555-01 | 1    | Blade-Scraper                            |
| 13       | 3-0737     | 1    | Washer                                | 31       | 40-8160-01  | 2    | Skid                                     |
| 14       | 26-6110    | 1    | Flange-Cup, Bearing                   | 33       | 27-0220     | 6    | Screw-Special                            |
| 15       | 63-3450    | 1    | Bearing-Ball                          | 34       | 3290-326    | 1    | Nut-Push                                 |
| 16       | 26-6120    | 1    | Flange-Cup, Bearing                   | 35       | 20-4320     | 2    | Washer-Rubber                            |
| 17       | 94-2786    | 1    | Auger Housing ASM<br>(only on: 38072) | 36       | 55-8950     | 2    | Plate-Friction                           |
|          |            |      |                                       | 37       | 3290-456    | 2    | Washer-Belleville                        |
|          |            |      |                                       | 38       | 3256-68     | 2    | Washer-Flat                              |

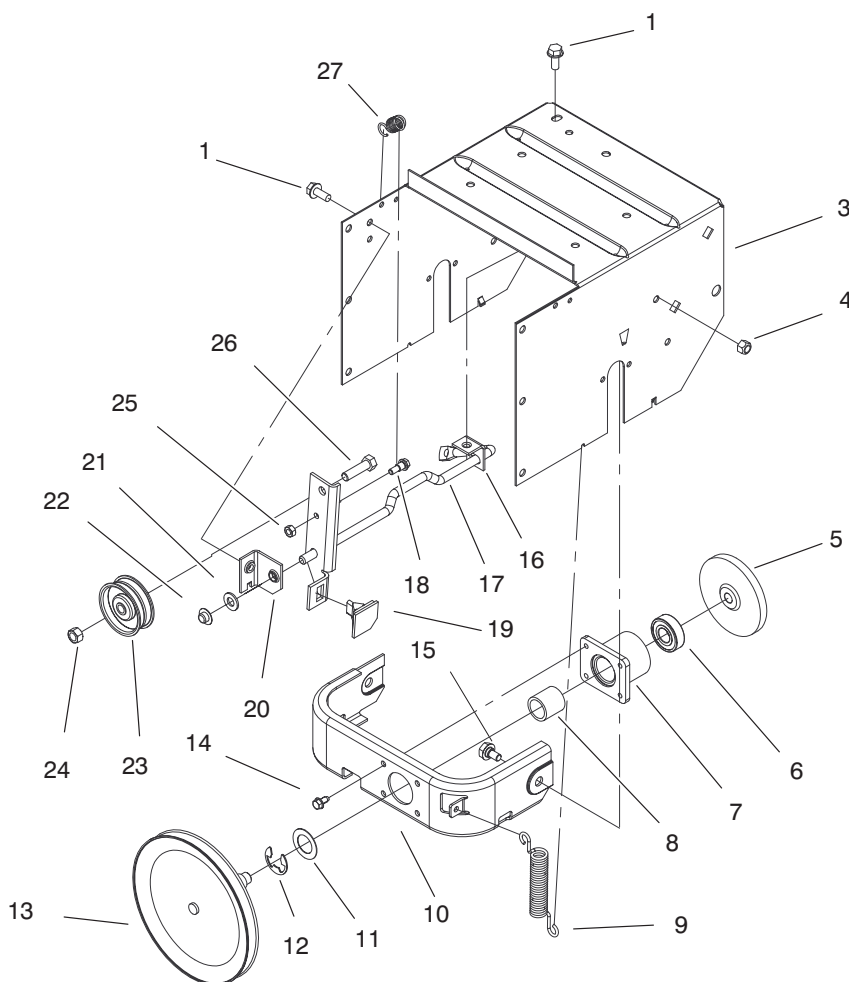


Sheet No.:A1  
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## 24" Gear Case Assembly No. 37-6961

| 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       | 37-6801    | 1    | Shaft-Auger     |

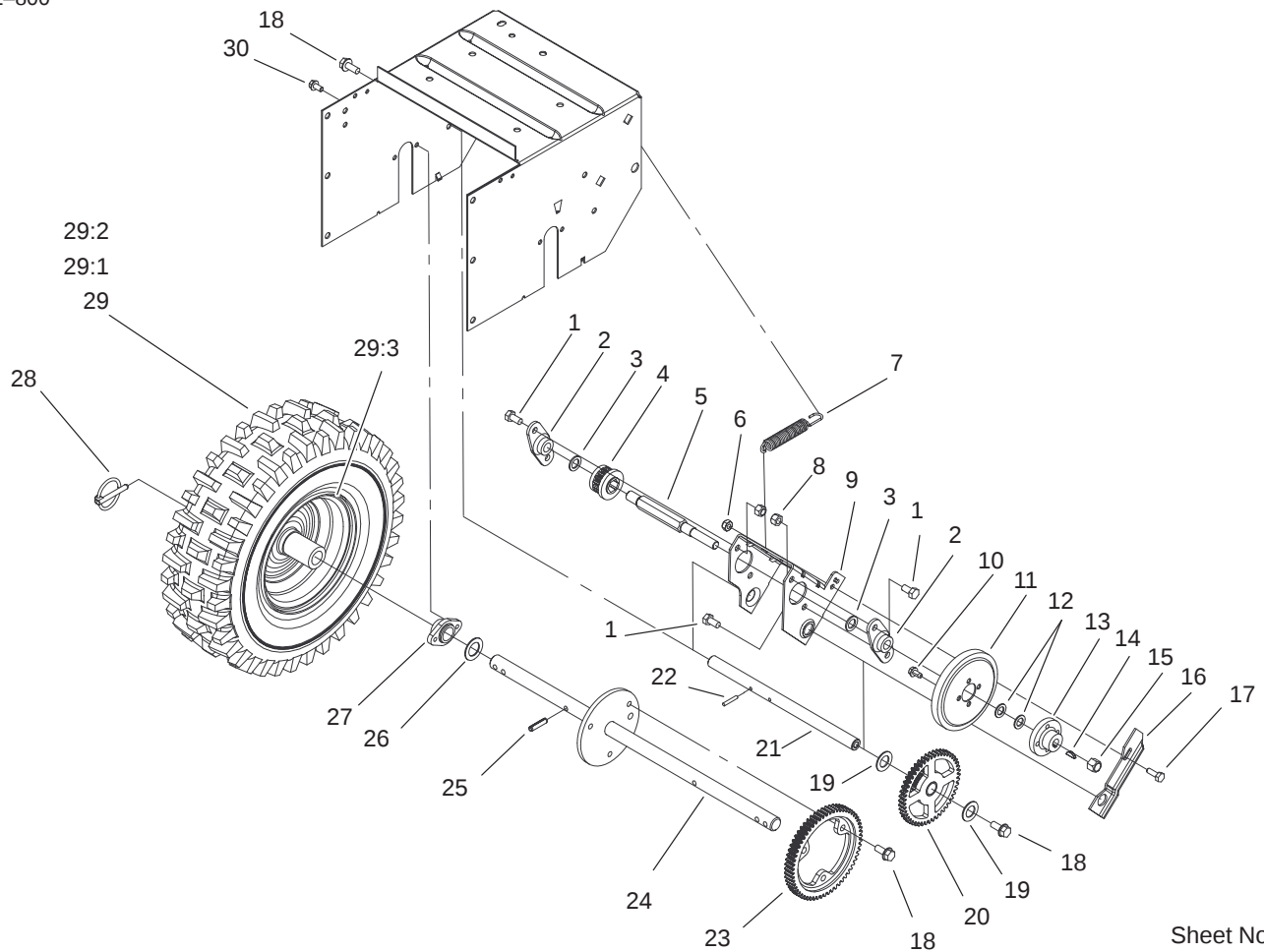
| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |



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       | 12-3270    | 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                 |          |          |      |             |

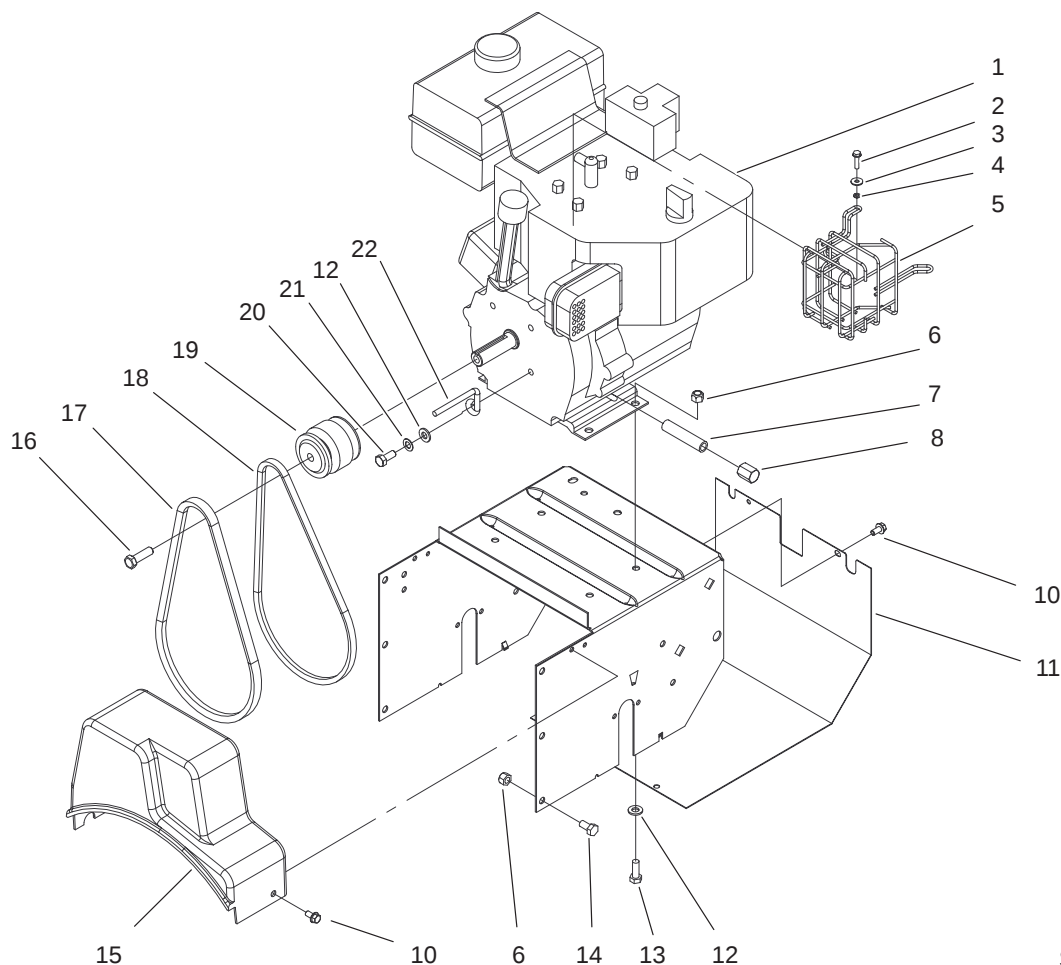


Sheet No.:4

## 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       | 12-3270  | 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           |

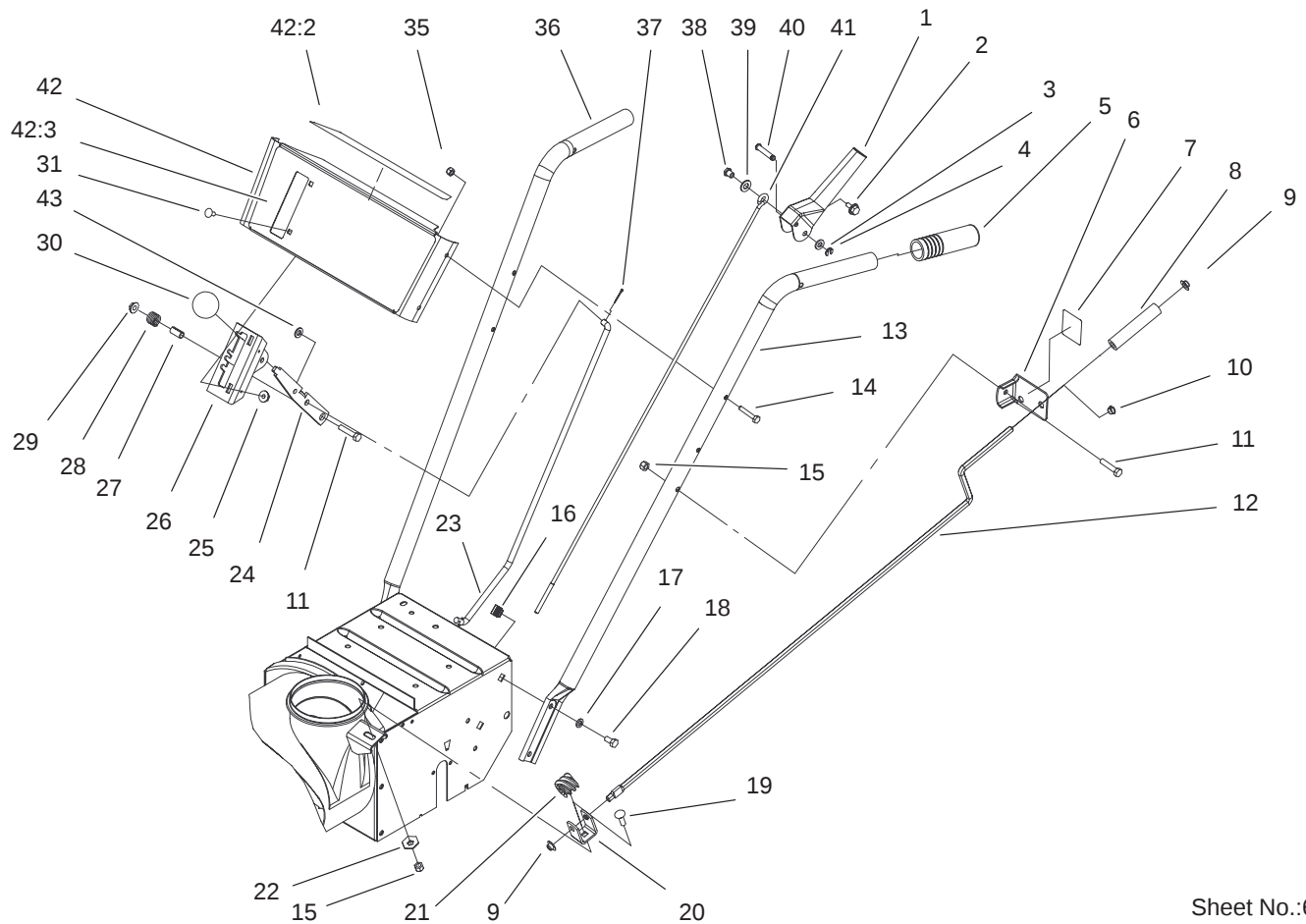


Sheet No.: 5

## Engine Assembly

| Ref. No. | Part No.   | Qty. | Description                              | Ref. No. | Part No. | Qty. | Description     |
|----------|------------|------|------------------------------------------|----------|----------|------|-----------------|
| ‡1       |            | 1    | Engine-7hp,<br>Tecumseh<br>Hsk70-130302u | 21       | 3255-8   | 1    | Washer-Lock/Ext |
| 2        | 93-8048    | 3    | Screw (only on:<br>38073)                | 22       | 37-8990  | 1    | Retainer-Belt   |
| 3        | 3256-49    | 3    | Washer-Flat (only<br>on: 38073)          |          |          |      |                 |
| 4        | 3253-17    | 3    | Washer-Lock/Sp<br>(only on: 38073)       |          |          |      |                 |
| 5        | 94-2762    | 1    | Guard - Muffler (only<br>on: 38073)      |          |          |      |                 |
| 6        | 3296-29    | 10   | Nut-Lock                                 |          |          |      |                 |
| 7        | 289-9      | 1    | Pipe-Nipple                              |          |          |      |                 |
| 8        | 288-2      | 1    | Cap-Pipe                                 |          |          |      |                 |
| 10       | 32144-4    | 6    | Screw-HH                                 |          |          |      |                 |
| 11       | 37-6830-01 | 1    | Cover-Traction, Lower                    |          |          |      |                 |
| 12       | 3256-23    | 5    | Washer-Flat                              |          |          |      |                 |
| 13       | 322-4      | 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                                   |          |          |      |                 |
| 19       | 74-1370    | 1    | Pulley-Engine                            |          |          |      |                 |
| 20       | 3210-3     | 1    | Screw-HH                                 |          |          |      |                 |

‡ Obtain locally.

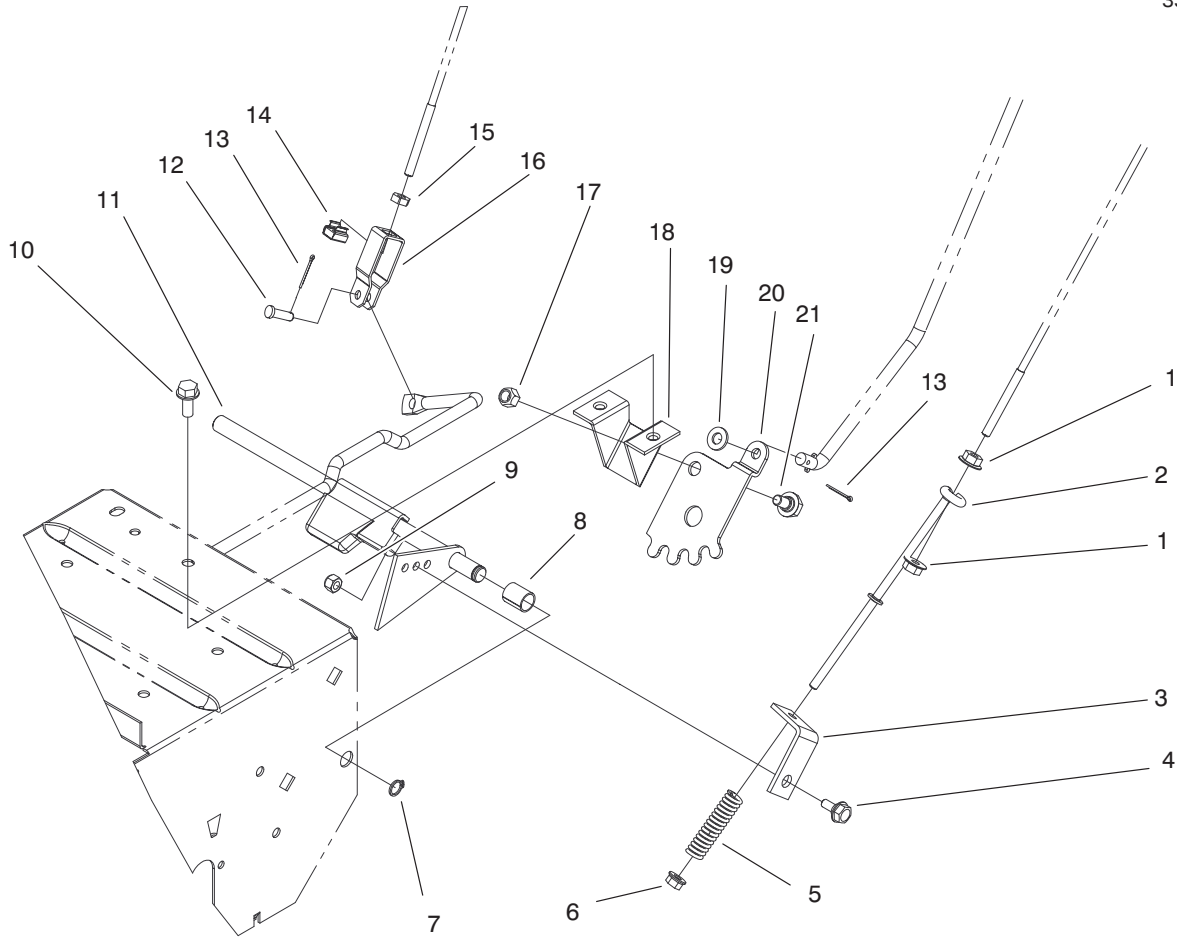


Sheet No.:6

## 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       | 74-1490    | 1    | Rod-Selector, Speed     |
| 24       | 37-8821-03 | 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       | 100-3568   | 1    | Panel ASM (only on: 38072)             |
| 42       | 100-3569   | 1    | Panel ASM (only on: 38073)             |
| 42:2     | 99-3215    | 1    | Decal-Escutcheon Back (only on: 38073) |
| 42:2     | 99-3214    | 1    | Decal-Escutcheon Back (only on: 38072) |
| 42:3     | 100-3437   | 1    | Decal-Escutcheon                       |
| 43       | 3256-24    | 1    | Washer-Flat                            |



Sheet No.:7

**Linkage and Traction Assembly**

| Ref. No. | Part No.   | Qty. | Description           | 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       | 3256-24    | 1    | Washer-Flat           |          |          |      |             |
| 20       | 37-8801    | 1    | Gear-Quadrant         |          |          |      |             |
| 21       | 37-8770    | 1    | Bolt-shoulder         |          |          |      |             |



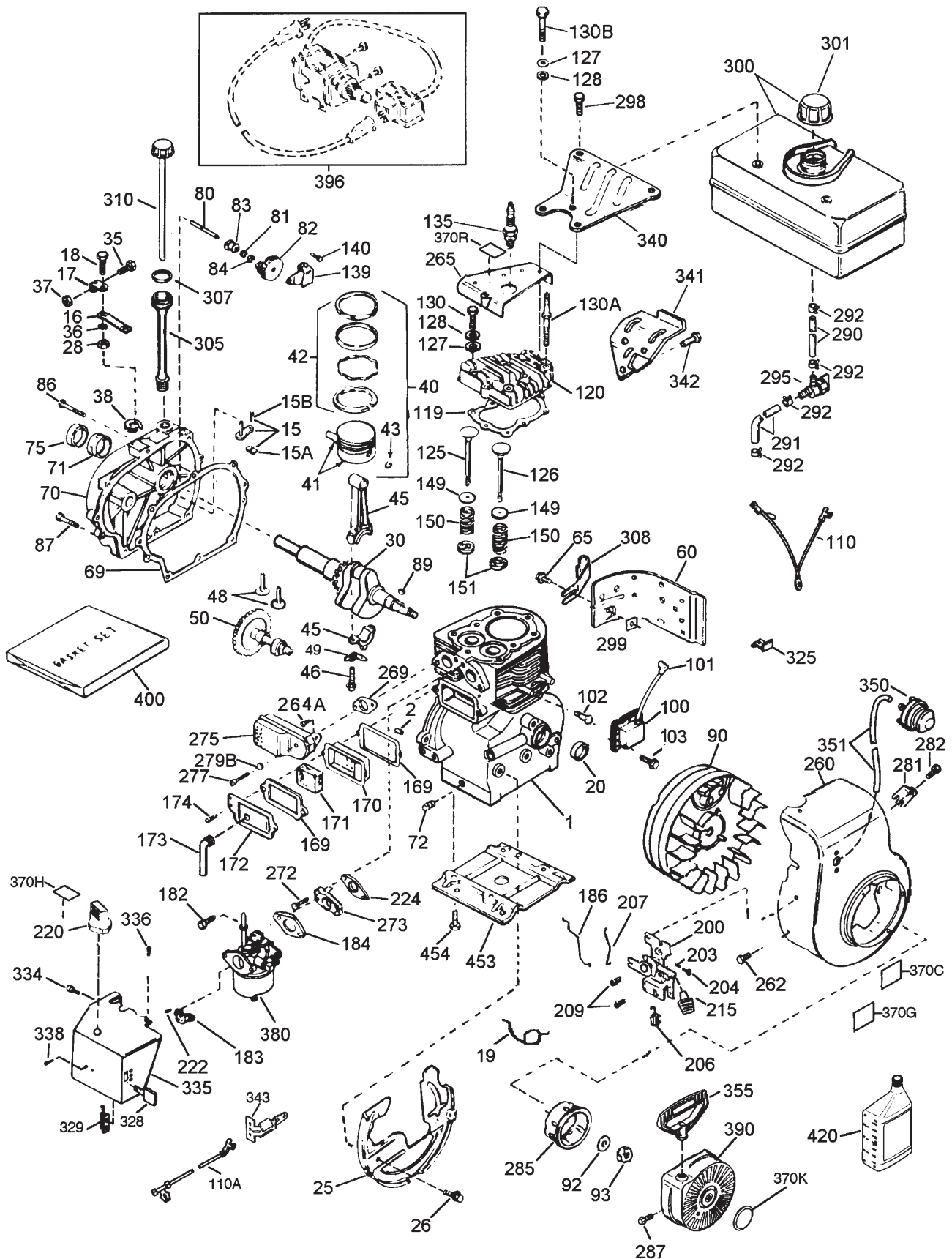
# Engine Tecumseh Model HSK70-130302U

| Ref. No. | Part No. | Qty. | Description                                          | Ref. No. | Part No. | Qty. | Description                                         |
|----------|----------|------|------------------------------------------------------|----------|----------|------|-----------------------------------------------------|
| 1        | 32586C   | 1    | Cylinder<br>(Incl. Ref. #2,20 & 72)                  | 81       | 30590A   | 1    | Washer                                              |
| 2        | 27652    | 2    | Dowel Pin                                            | 82       | 30591    | 1    | Governor Gear Ass'y                                 |
| 15       | 30699C   | 1    | Governor Rod<br>(Incl. Ref. #15A<br>& 15B)           | 83       | 30588A   | 1    | Governor Spool                                      |
| 15A      | 30700    | 1    | Governor Yoke                                        | 84       | 29193    | 1    | Retaining Ring                                      |
| 15B      | 650494   | 1    | Screw                                                | 86       | 650488   | 7    | Screw                                               |
| 16       | 33454    | 1    | Governor Lever                                       | 87       | 650493   | 1    | Screw                                               |
| 17       | 29916    | 1    | Governor Lever Clamp                                 | 90       | 611085   | 1    | Flywheel                                            |
| 18       | 651028   | 1    | Screw                                                | 92       | 650815   | 1    | Belleville Washer                                   |
| 19       | 34663    | 1    | Speed Control Spring                                 | 93       | 8116     | 1    | Flywheel Nut                                        |
| 20       | 32630    | 1    | Oil Seal                                             | 100      | 34443B   | 1    | Solid State Ignition                                |
| 25       | 36460    | 1    | Blower Housing Baffle                                | 101      | 610118   | 1    | Spark Plug Cover                                    |
| 26       | 650561   | 2    | Screw                                                | 102      | 651024   | 2    | Solid State<br>Mounting Stud                        |
| 28       | 30322    | 1    | Lock Nut                                             | 103      | 651007   | 2    | Screw, Torx T-15                                    |
| 30       | 35272    | 1    | Crankshaft                                           | 110      | 35253    | 1    | Ground Wire                                         |
| 35       | 29826    | 1    | Screw                                                | 110A     | 37047    | 1    | Ground Wire                                         |
| 36       | 29918    | 1    | Lock Washer                                          | *119     | 36453    | 1PK  | Cylinder Head<br>Gasket                             |
| 37       | 29216    | 1    | Lock Nut                                             | 120      | 36446    | 1    | Cylinder Head<br>(Incl. 3 of 131)                   |
| 38       | 29642    | 1    | Retaining Ring                                       | 125      | 27878A   | 1    | Exhaust Valve<br>(Std.) (Incl. Ref. #151)           |
| 40       | 34517    | 1    | Piston, Pin & Ring Set<br>(.010" OS)                 | 125      | 27880A   | 1    | Exhaust Valve<br>(1/32" OS)<br>(Incl. Ref. #151)    |
| 40       | 34518    | 1    | Piston, Pin & Ring Set<br>(.020" OS)                 | 126      | 32784    | 1    | Intake Valve<br>(1/32" OS)<br>(Incl. Ref. #151)     |
| 40       | 34519    | 1    | Piston, Pin & Ring Set<br>(Std.)                     | 126      | 32783    | 1    | Intake Valve<br>(Std.) (Incl. Ref. #151)            |
| 41       | 32592B   | 1    | Piston & Pin Ass'y<br>(.010" OS)<br>(Incl. Ref. #43) | 127      | 650691   | 3    | Washer                                              |
| 41       | 32593B   | 1    | Piston & Pin Ass'y<br>(.020" OS)<br>(Incl. Ref. #43) | 128      | 650690   | 3    | Belleville Washer                                   |
| 41       | 32594B   | 1    | Piston & Pin Ass'y<br>(Std.) (Incl. Ref. #43)        | 130      | 650697A  | 2    | Screw                                               |
| 42       | 34595    | 1    | Ring Set<br>(Std.)                                   | 130A     | 650697A  | 3    | Screw                                               |
| 42       | 34596    | 1    | Ring Set<br>(.020" OS)                               | 130B     | 650697A  | 3    | Screw                                               |
| 42       | 34597    | 1    | Ring Set<br>(.010" OS)                               | 135      | 35395    | 1    | Resistor Spark Plug<br>(RJ19LM)                     |
| 43       | 27888    | 2    | Piston Pin                                           | 139      | 31843A   | 1    | Governor Gear Bracket                               |
| 45       | 32591C   | 1    | Connecting Rod Ass'y<br>(Incl. Ref. #46 & 49)        | 140      | 650965   | 2    | Screw, Torx T-25                                    |
| 46       | 650662C  | 2    | Connecting Rod Bolt                                  | 149      | 27882    | 2    | Valve Spring Cap                                    |
| 48       | 34034    | 2    | Valve Lifter                                         | 150      | 27881    | 2    | Valve Spring                                        |
| 49       | 34242    | 1    | Oil Dipper                                           | 151      | 32581    | 2    | Valve Spring Keeper                                 |
| 50       | 32115    | 1    | Camshaft (MCR)                                       | *169     | 27896A   | 2PK  | Valve Cover Gasket                                  |
| 60       | 30622A   | 1    | Blower Housing<br>Extension                          | 170      | 28423    | 1    | Breather Body                                       |
| 65       | 650128   | 1    | Screw                                                | 171      | 28424    | 1    | Breather Element                                    |
| 69       | 30684    | 1PK  | Cylinder Cover Gasket                                | 172      | 28425    | 1    | Valve Cover                                         |
| * 70     | 31303C   | 1    | Cylinder Cover<br>(Incl. Ref. #71,<br>75, & 80)      | 173      | 35350    | 1    | Breather Tube                                       |
| 71       | 31546    | 1    | Crankshaft Bushing                                   | 174      | 650128   | 2    | Screw                                               |
| 72       | 27642    | 2    | Oil Drain Plug                                       | 182      | 650517   | 2    | Screw                                               |
| 75       | 28427    | 1    | Oil Seal                                             | 183      | 32398    | 1    | Choke Bracket                                       |
| 80       | 31845    | 1    | Governor Shaft                                       | * 184    | 31688A   | 1PK  | Carburetor To<br>Intake Pipe Gasket                 |
|          |          |      |                                                      | 186      | 34661    | 1    | Governor Link                                       |
|          |          |      |                                                      | 200      | 34677    | 1    | Control Bracket<br>(Incl. Ref. #203,<br>204, & 206) |
|          |          |      |                                                      | 203      | 31342    | 1    | Compression Spring                                  |
|          |          |      |                                                      | 204      | 651029   | 1    | Screw                                               |

Note: Order individual parts from your local Tecumseh dealer.

\*Included in Gasket Set Ref. #400.

# Engine Tecumseh Model HSK70-130302U

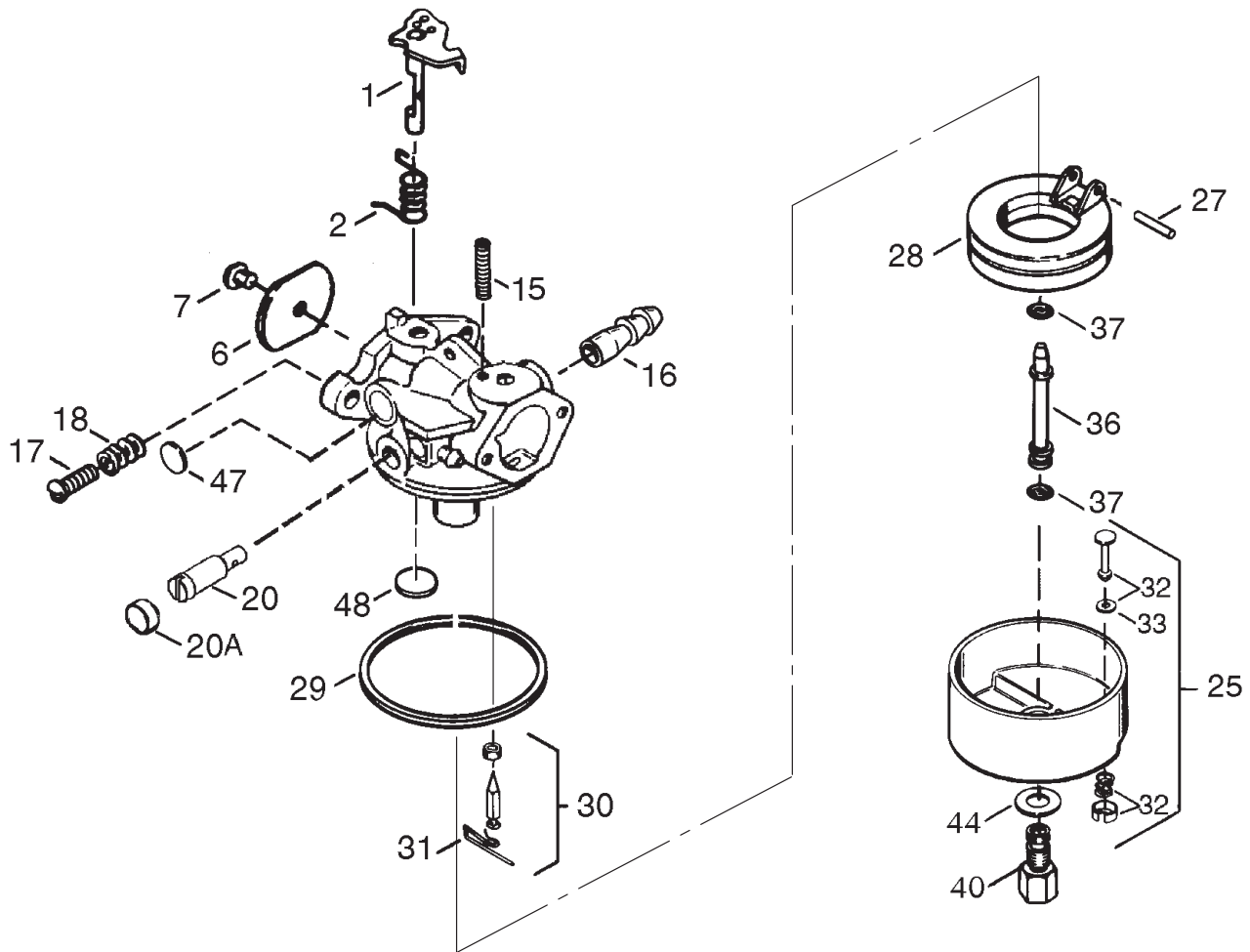


# Engine Tecumseh Model HSK70-130302U (Continued)

| Ref. No. | Part No. | Qty. | Description                          | Ref. No. | Part No. | Qty. | Description          |
|----------|----------|------|--------------------------------------|----------|----------|------|----------------------|
| 206      | 610973   | 1    | Terminal                             | 453      | 29538    | 1    | Engine Mounting Base |
| 207      | 34662    | 1    | Throttle Link                        | 454      | 650542   | 4    | Screw                |
| 209      | 650821   | 2    | Screw                                |          |          |      |                      |
| 215      | 35440    | 1    | Control Knob                         |          |          |      |                      |
| 220      | 35439    | 1    | Control Knob                         |          |          |      |                      |
| 222      | 28820    | 2    | Screw                                |          |          |      |                      |
| *224     | 27915A   | 1PK  | Intake Pipe Gasket                   |          |          |      |                      |
| 260      | 36254    | 1    | Blower Housing                       |          |          |      |                      |
| 262      | 29747B   | 2    | Screw, Torx T-40                     |          |          |      |                      |
| 264A     | 30196    | 1    | Screw                                |          |          |      |                      |
| 265      | 30939A   | 1    | Cylinder Head Cover                  |          |          |      |                      |
| 269      | 35865    | 1    | Exhaust Gasket                       |          |          |      |                      |
| 272      | 30196    | 2    | Screw                                |          |          |      |                      |
| 273      | 34712    | 1    | Carburetor Flange                    |          |          |      |                      |
| 275      | 32401    | 1    | Muffler                              |          |          |      |                      |
| 277      | 650694A  | 1    | Screw                                |          |          |      |                      |
| 279B     | 26073    | 1    | Washer                               |          |          |      |                      |
| 281      | 33013    | 1    | Starter Bubble Cover                 |          |          |      |                      |
| 282      | 650760   | 1    | Screw                                |          |          |      |                      |
| 285      | 35287A   | 1    | Starter Cup                          |          |          |      |                      |
| 287      | 650926   | 3    | Screw                                |          |          |      |                      |
| 290      | 29774    | 1    | Fuel Line                            |          |          |      |                      |
| 291      | 30962    | 1    | Fule Line                            |          |          |      |                      |
| 292      | 26460    | 4    | Fuel Line Clamp                      |          |          |      |                      |
| 295      | 35857    | 1    | Fuel Shut-Off Valve                  |          |          |      |                      |
| 298      | 650665   | 2    | Screw                                |          |          |      |                      |
| 299      | 650764   | 1    | "U" Type Nut                         |          |          |      |                      |
| 300      | 34186A   | 1    | Fuel Tank<br>(Incl. Ref. #292 & 301) |          |          |      |                      |
| 301      | 36246    | 1    | Fuel Cap                             |          |          |      |                      |
| 305      | 35554    | 1    | Oil Fill Tube                        |          |          |      |                      |
| 307      | 35499    | 1    | "O" Ring                             |          |          |      |                      |
| 308      | 35540    | 1    | Fill Tube Clip                       |          |          |      |                      |
| 310      | 36205    | 1    | Dipstick                             |          |          |      |                      |
| 325      | 29443    | 1    | Wire Clip                            |          |          |      |                      |
| 329      | 610973   | 1    | Terminal                             |          |          |      |                      |
| 334      | 650257   | 2    | Screw                                |          |          |      |                      |
| 335      | 35060    | 1    | Carburetor Cover                     |          |          |      |                      |
| 336      | 650765   | 1    | Screw                                |          |          |      |                      |
| 338      | 650760   | 1    | Screw                                |          |          |      |                      |
| 340      | 34159    | 1    | Fuel Tank Bracket                    |          |          |      |                      |
| 341      | 34158    | 1    | Fuel Tank Bracket                    |          |          |      |                      |
| 342      | 650561   | 1    | Screw                                |          |          |      |                      |
| 343      | 35079    | 1    | Key Switch Bracket                   |          |          |      |                      |
| 350      | 570682A  | 1    | Primer Ass'y                         |          |          |      |                      |
| 351      | 32180C   | 1    | Primer Line                          |          |          |      |                      |
| 355      | 590574   | 1    | Starter Handle                       |          |          |      |                      |
| 370C     | 36501    | 1    | Primer Decal                         |          |          |      |                      |
| 370G     | 35063    | 1    | Instruction Decal                    |          |          |      |                      |
| 370H     | 34418    | 1    | Choke Decal                          |          |          |      |                      |
| 370K     | 36695    | 1    | Starter Decal                        |          |          |      |                      |
| 370R     | 37119    | 1    | Warning Decal                        |          |          |      |                      |
| 380      | 640082   | 1    | Carburetor<br>(Incl. Ref. #184)      |          |          |      |                      |
| 390      | 590742   | 1    | Rewind Starter                       |          |          |      |                      |
| 396      | 33328D   | 1    | Electric Starter Motor<br>(Optional) |          |          |      |                      |
| 400      | 364454   | 1    | Gasket Set                           |          |          |      |                      |
| 420      | 730225   | 1    | Sae 30 4-Cycle Engine<br>Oil (Quart) |          |          |      |                      |

Note: Order individual parts from your local Tecumseh dealer.

\*Included in Gasket Set Ref. #400.



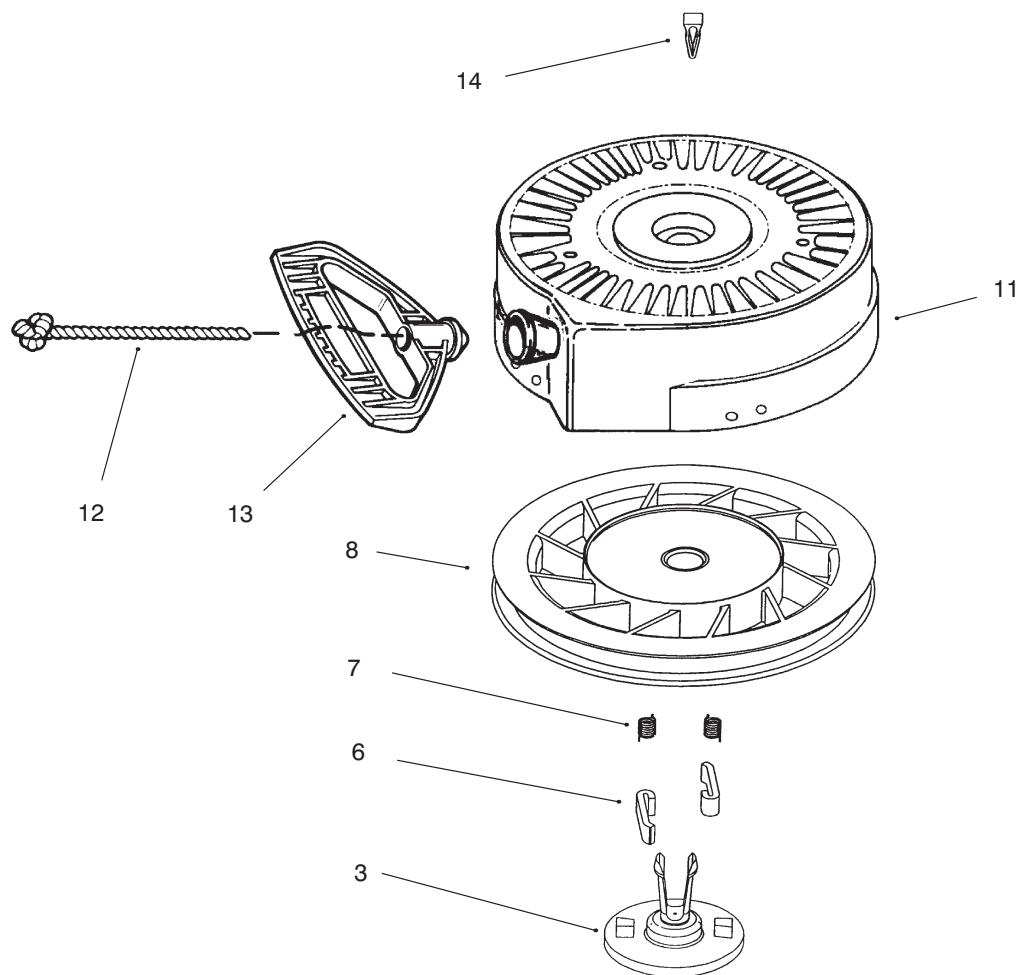
## Carburetor No. 640082

| Ref. No. | Part No. | Qty. | Description                               |
|----------|----------|------|-------------------------------------------|
| 1        | 31834    | 1    | Shaft & Lever Assembly                    |
| 2        | 631767   | 1    | Spring - Throttle Return                  |
| 6        | 640070   | 1    | Shutter - Throttle                        |
| 7        | 650506   | 2    | Screw                                     |
| 15       | 630735   | 1    | Spring - Choke Stop                       |
| 16       | 632164   | 1    | Fitting - Fuel Inlet                      |
| 17       | 651025   | 1    | Screw - Idle                              |
| 18       | 630766   | 2    | Spring - Idle Screw                       |
| 20       | 640018   | 1    | Screw - Idle Restrictor                   |
| 20A      | 640053   | 1    | Screw - Idle Restrictor Cap               |
| 25       | 631951   | 1    | Bowl - Assembly (Incl. Ref. #32 & 33)     |
| 27       | 631024   | 1    | Shaft - Float                             |
| 28       | 632019   | 1    | Float - Carburetor                        |
| 29       | 631028   | 1    | Gasket Bowl-to-Body                       |
| 30       | 631021   | 1    | Inlet Needle Seat & Clip (Incl. Ref. #31) |
| 31       | 631022   | 1    | Clip - Inlet Needle                       |
| 32       | 27136A   | 1    | Drain Assembly Bowl                       |
| 33       | 27554    | 1    | Gasket - Bow Drain                        |
| 36       | 632735   | 1    | Tube - Main Nozzle                        |

| Ref. No. | Part No. | Qty. | Description                   |
|----------|----------|------|-------------------------------|
| 37       | 632547   | 1    | O-Ring - Main Nozzle Tube     |
| 40       | 640089   | 1    | Nut - High Speed Bowl         |
| 44       | 27110    | 1    | Washer - Bowl Nut             |
| 47       | 630748   | 1    | Welch Plug Idle Mix Well      |
| 48       | 631027   | 1    | Welch Plug Atmospheric Vent   |
| *        | 640082   | 1    | Carburetor (Incl. Ref. #1-48) |

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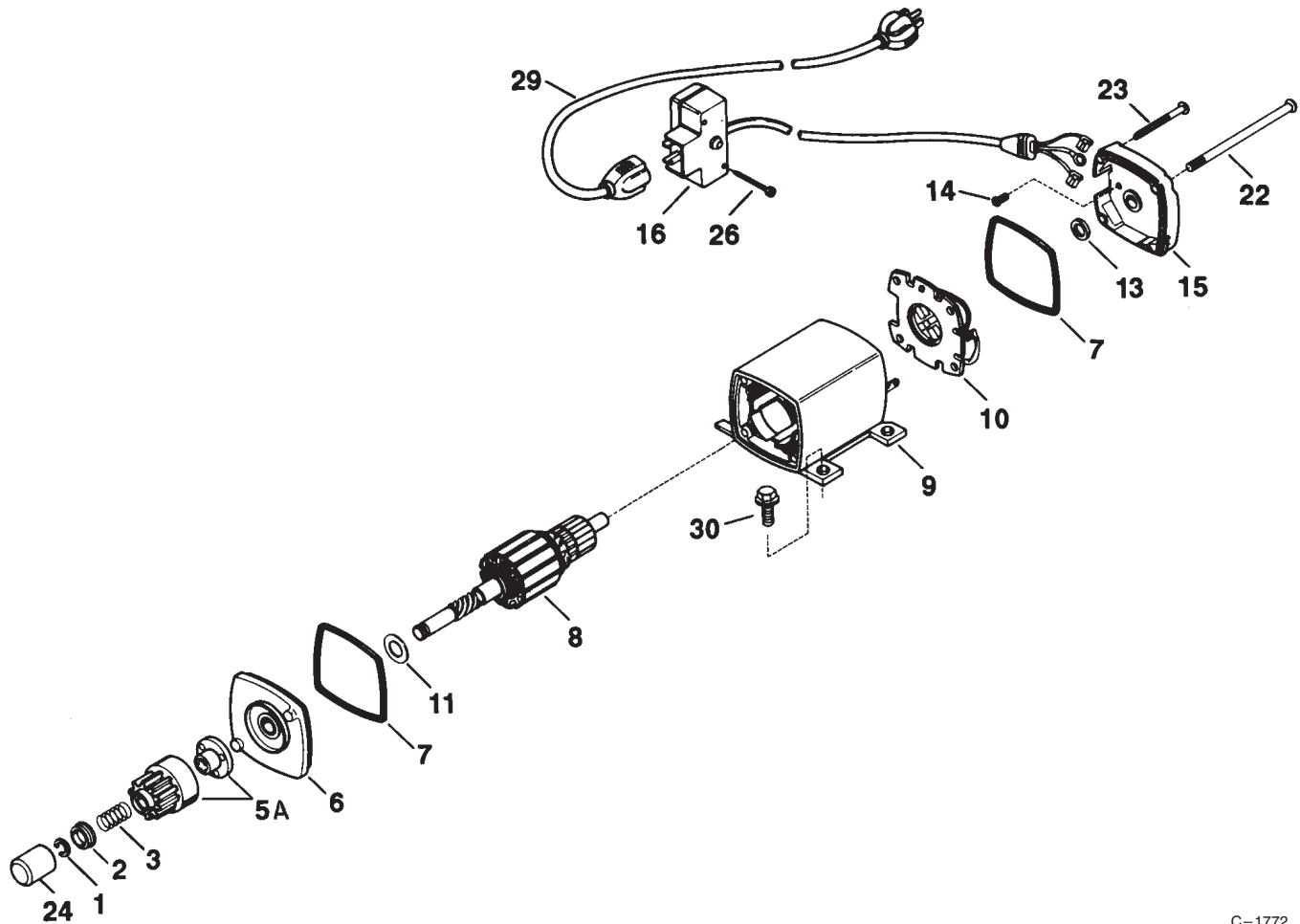
\* Not Illustrated



## Recoil Starter No. 38-7590 (Optional)

| Ref. No. | Part No. | Qty. | Description                    |
|----------|----------|------|--------------------------------|
| 3        | 590740   | 1    | Retainer                       |
| 6        | 590616   | 2    | Starter Dog                    |
| 7        | 590617   | 2    | Dog Spring                     |
| 8        | 590645A  | 1    | Pulley & Rewind Spring<br>Asm. |
| 11       | 590647   | 1    | Starter Housing Asm.           |
| 12       | 590535   | 1    | Starter Rope                   |
| 13       | 590574   | 1    | Mitten Grip Handle             |
| 14       | 590741   | 1    | Locking Tab                    |

Note: Order individual parts from your local Tecumseh dealer.



C-1772

## Electric Starter Kit No.

| Ref. No. | Part No. | Qty. | Description                                     |
|----------|----------|------|-------------------------------------------------|
| 1        | 33842    | 1    | Ring – Retainer                                 |
| 2        | 33430    | 1    | Retainer – Spring                               |
| 3        | 33431    | 1    | Spring – Anti-Drift                             |
| 5A       | 35913    | 1    | Gear & Nut<br>(Incl. Ref. #1)                   |
| 6        | 35449    | 1    | Cap Assembly–<br>Drive End<br>(Incl. Ref. #7)   |
| 7        | 35450    | 2    | "O" Ring                                        |
| 8        | 35914    | 1    | Armature                                        |
| 9        | 35457A   | 1    | Housing Assembly                                |
| 10       | 35452A   | 1    | Card Assembly–Brush                             |
| 11       | 35911    | 1    | Washer – Thrust                                 |
| 13       | 590500   | 1    | Washer – Thrust                                 |
| 14       | 33441    | 1    | Screw – Ground                                  |
| 15       | 35453    | 1    | Cap Assy.,<br>Commutator End<br>(Incl. Ref. #7) |
| 16       | 35454    | 1    | Box Assembly – Switch<br>(Incl. Ref. #26)       |
| 22       | 35458    | 2    | Bolt – Case                                     |
| 23       | 35456    | 1    | Screw – Grounding                               |
| 24       | 33451    | 1    | Cover – Dust                                    |
| 26       | 650819   | 2    | Screw – Hex. Hd.                                |
| 29       | 32450B   | 1    | Cord – Extension,<br>10' 6"                     |

| Ref. No. | Part No. | Qty. | Description       |
|----------|----------|------|-------------------|
| 30       | 30063    | 4    | Screw – Hex. Hd.  |
| *        | 730623   | 1    | Switch Repair Kit |

Note: Order individual parts from your local Tecumseh dealer.

\* Not Illustrated



## Maintenance Record

[illegible]



