



## Power Max 828LE Snowthrower

Model No. 38635 - 260000001 and up.

## Parts Catalog

### Ordering Replacement Parts

To order replacement parts, please supply the part number, the quantity, and the description of each part desired.

### Understanding Reference Numbers

Each identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

### Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form a:b. The a represents the reference number of the entire service assembly and the b represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually. Reference numbers of this type appear in illustrations and in part lists.

### Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

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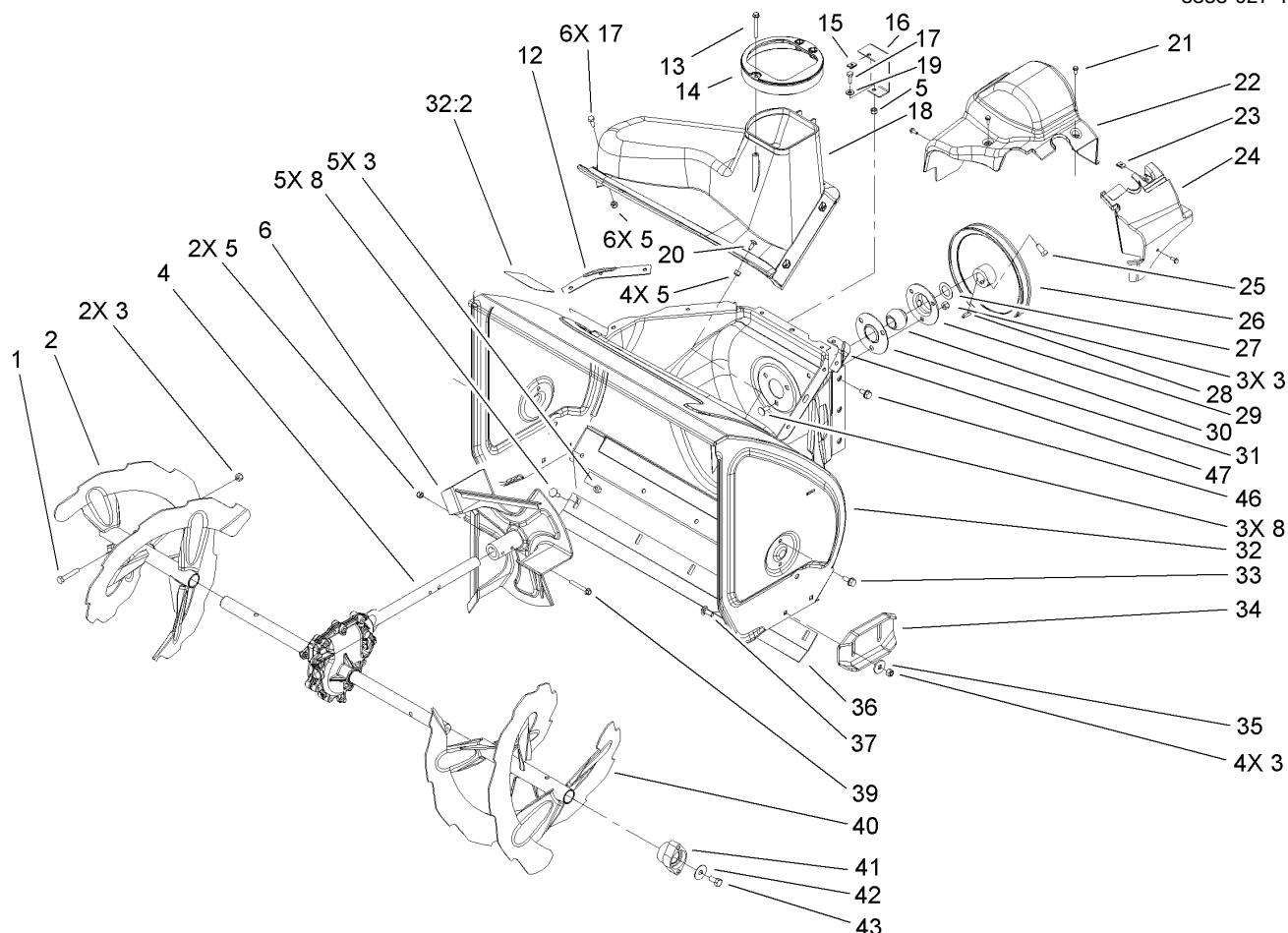
## Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

|                                            |                                              |
|--------------------------------------------|----------------------------------------------|
| AR. .... as required                       | INC. .... incorporated                       |
| ASM. .... assembly                         | LH. .... left hand                           |
| BBC. .... blade brake clutch               | NI. .... nylon insert                        |
| CARR. .... carriage                        | NPTF. .... national pipe thread fine         |
| DEG. .... degrees                          | PFH. .... phillips flat head                 |
| EXT. .... external                         | PPH. .... phillips pan head                  |
| FH. .... flat head                         | PPHTF. .... phillips pan head thread forming |
| GA. .... gauge                             | PRH. .... phillips round head                |
| HF. .... hex flange                        | PTH. .... phillips truss head                |
| HH. .... hex head                          | PTO. .... power-take-off                     |
| HHF. .... hex head flange                  | RH. .... right hand                          |
| HHFTF. .... hex head flange thread forming | ROPS. .... roll-over-protection-system       |
| HJ. .... hex jam                           | SFH. .... slotted fillister head             |
| HLH. .... hex lag head                     | SHH. .... slotted hex head                   |
| HOC. .... height-of-cut                    | SHWH. .... slotted hex washer head           |
| HSBH. .... hex socket button head          | SPH. .... slotted pan head                   |
| HSFH. .... hex socket flat head            | SQH. .... square head                        |
| HSH. .... hex socket head                  | SRH. .... slotted round head                 |
| HWH. .... hex washer head                  | STD. .... standard                           |
| HWHTF. .... hex washer head thread forming | TAP. .... self tapping                       |
| HYD. .... hydraulic                        | TTH. .... torx truss head                    |

## Footnotes

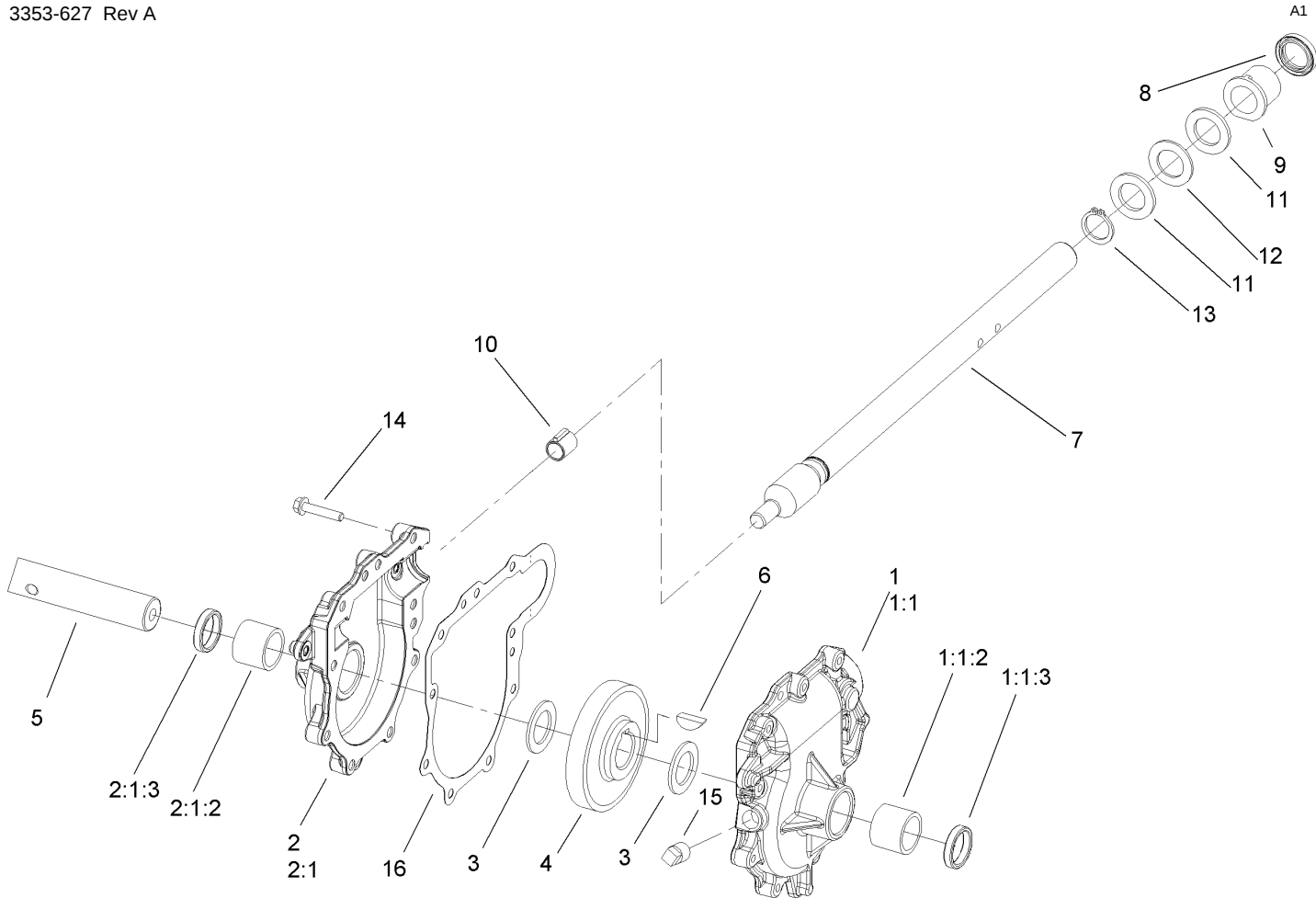
- ❶ Not illustrated
- ❷ Not serviced separately
- ❸ Obtain from your local Tecumseh dealer



## Auger and Housing Assembly

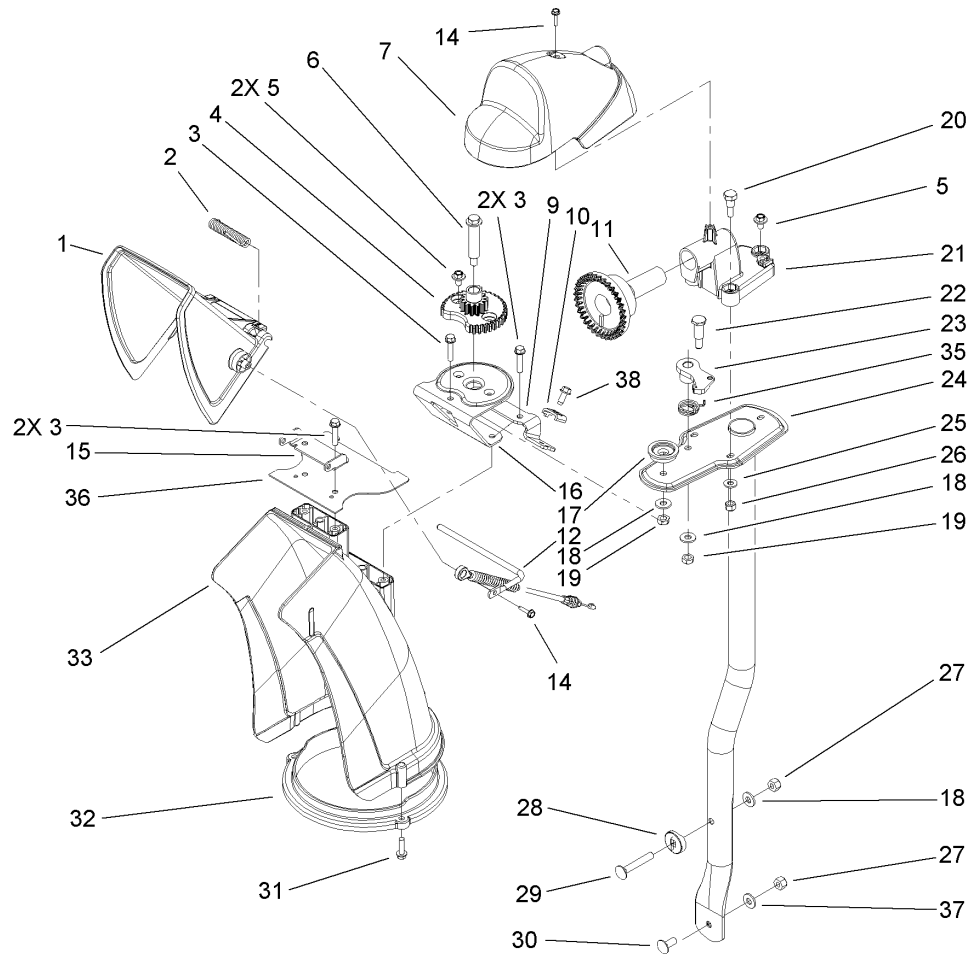
| Ref | Part No.    | Qty. | Description             |
|-----|-------------|------|-------------------------|
| 1   | 322-21      | 2    | Screw-HH                |
| 2   | 106-7291-03 | 1    | Auger-RH                |
| 3   | 3296-29     | 14   | Nut-Lock, NI            |
| 4   | 108-7329    | 1  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

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



**28in Auger Gearcase Assembly No. 108-7329**

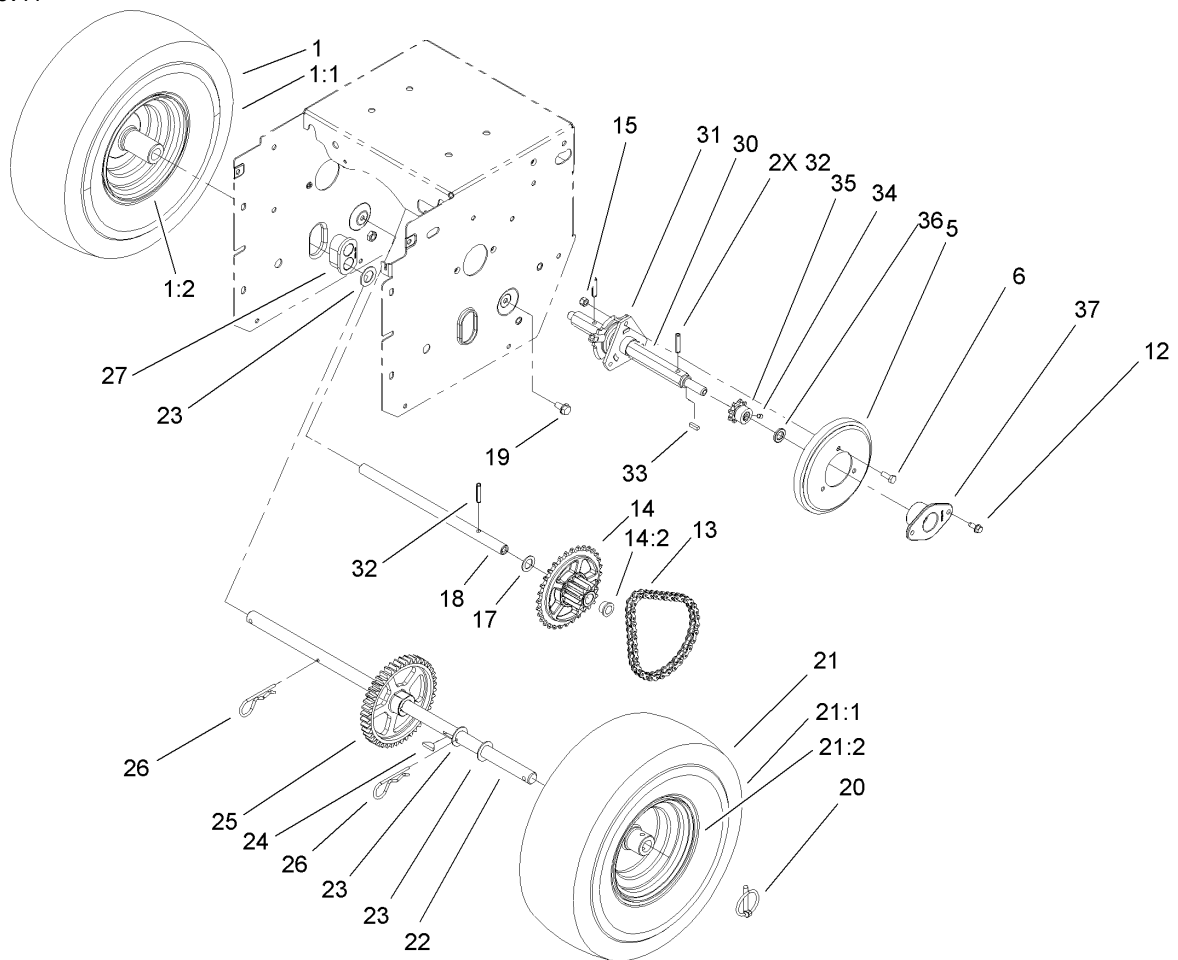
| Ref           | Part No. | Qty. | Description           |  |  |  |  |
|---------------|----------|------|-----------------------|--|--|--|--|
| 1             | 108-7325 | 1    | LH Auger Gearcase ASM |  |  |  |  |
| 1 in a circle |          | 1    | LH Auger Gearcase ASM |  |  |  |  |
| 1:1:2         | 256-237  | 1    | Bushing               |  |  |  |  |
| 1:1:3         | 7-0045   | 1    | Seal-Oil              |  |  |  |  |
| 2             | 108-7327 | 1    | RH Auger Gearcase ASM |  |  |  |  |
| 2 in a circle |          | 1    | RH Auger Gearcase ASM |  |  |  |  |
| 2:1:2         | 256-237  | 1    | Bushing               |  |  |  |  |
| 2:1:3         | 7-0045   | 1    | Seal-Oil              |  |  |  |  |
| 3             | 252-71   | 2    | Washer-Thrust         |  |  |  |  |
| 4             | 62-0120  | 1    | Gear-Helical          |  |  |  |  |
| 5             | 106-4421 | 1    | Shaft-Auger           |  |  |  |  |
| 6             | 3257-10  | 1    | Key-Woodruff          |  |  |  |  |
| 7             | 66-7811  | 1    | Shaft-Impeller        |  |  |  |  |
| 8             | 253-149  | 1    | Seal-Oil              |  |  |  |  |
| 9             | 37-6560  | 1    | Bushing-Input         |  |  |  |  |
| 10            | 62-1150  | 1    | Bushing-Worm          |  |  |  |  |
| 11            | 252-78   | 2    | Bearing-Thrust        |  |  |  |  |
| 12            | 252-76   | 1    | Bearing-Thrust        |  |  |  |  |
| 13            | 32151-33 | 1    | Ring-Retaining, EXT   |  |  |  |  |
| 14            | 108-4862 | 9    | Screw HWH, Thd Form   |  |  |  |  |
| 15            | 281-1    | 1    | Plug-Pipe, SQH        |  |  |  |  |
| 16            | 108-7330 | 1    | Gasket-Auger Gearcase |  |  |  |  |



## Chute Assembly

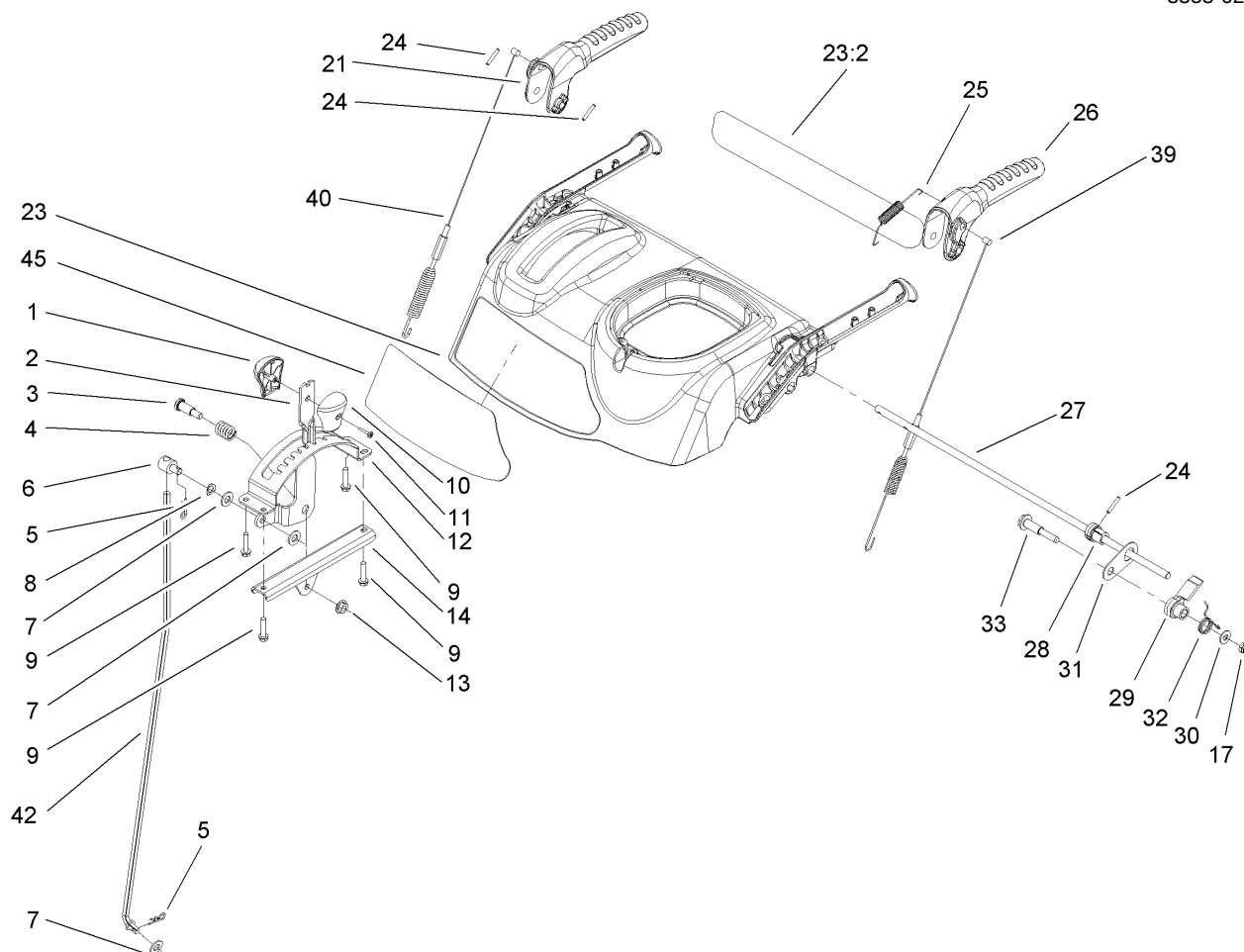
| Ref | Part No.    | Qty. | Description            |
|-----|-------------|------|------------------------|
| 1   | 106-7309    | 1    | Deflector-Chute        |
| 2   | 106-4594    | 1    | Spring-Torsion         |
| 3   | 46-8092     | 5    | Screw-Plastite         |
| 4   | 106-4472    | 1    | Gear-Chute             |
| 5   | 46-6810     | 3    | Screw And Washer ASM   |
| 6   | 100-9880    | 1    | Bolt-Shoulder          |
| 7   | 106-4585    | 1    | Cover-Gear, Chute      |
| 9   | 106-7296    | 1    | Bracket-Cable, Clamp   |
| 10  | 106-7297    | 1    | Clamp-Cable            |
| 11  | 106-4471    | 1    | Gear-Face              |
| 12  | 107-1021    | 1    | Rod-Deflector          |
| 14  | 98-1375     | 2    | Screw-HWH              |
| 15  | 106-7266    | 1    | Bracket-Deflector      |
| 16  | 106-4582-03 | 1    | Bracket-Support, Chute |
| 17  | 106-4422    | 1    | Spacer-Chute           |
| 18  | 3256-2      | 3    | Washer-Flat            |
| 19  | 3296-47     | 2    | Nut-Lock, NI           |
| 20  | 106-7276    | 3    | Screw-Shoulder         |
| 21  | 106-7257    | 1    | Mount-Gear, Face       |
| 22  | 63-2650     | 1    | Screw-Shoulder         |
| 23  | 106-4476    | 1    | Latch-Chute            |
| 24  | 106-7253-03 | 1    | Tube-Support           |
| 25  | 3256-22     | 3    | Washer-Flat            |
| 26  | 3296-42     | 3    | Nut-Lock, NI           |

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



## Chain Drive Assembly

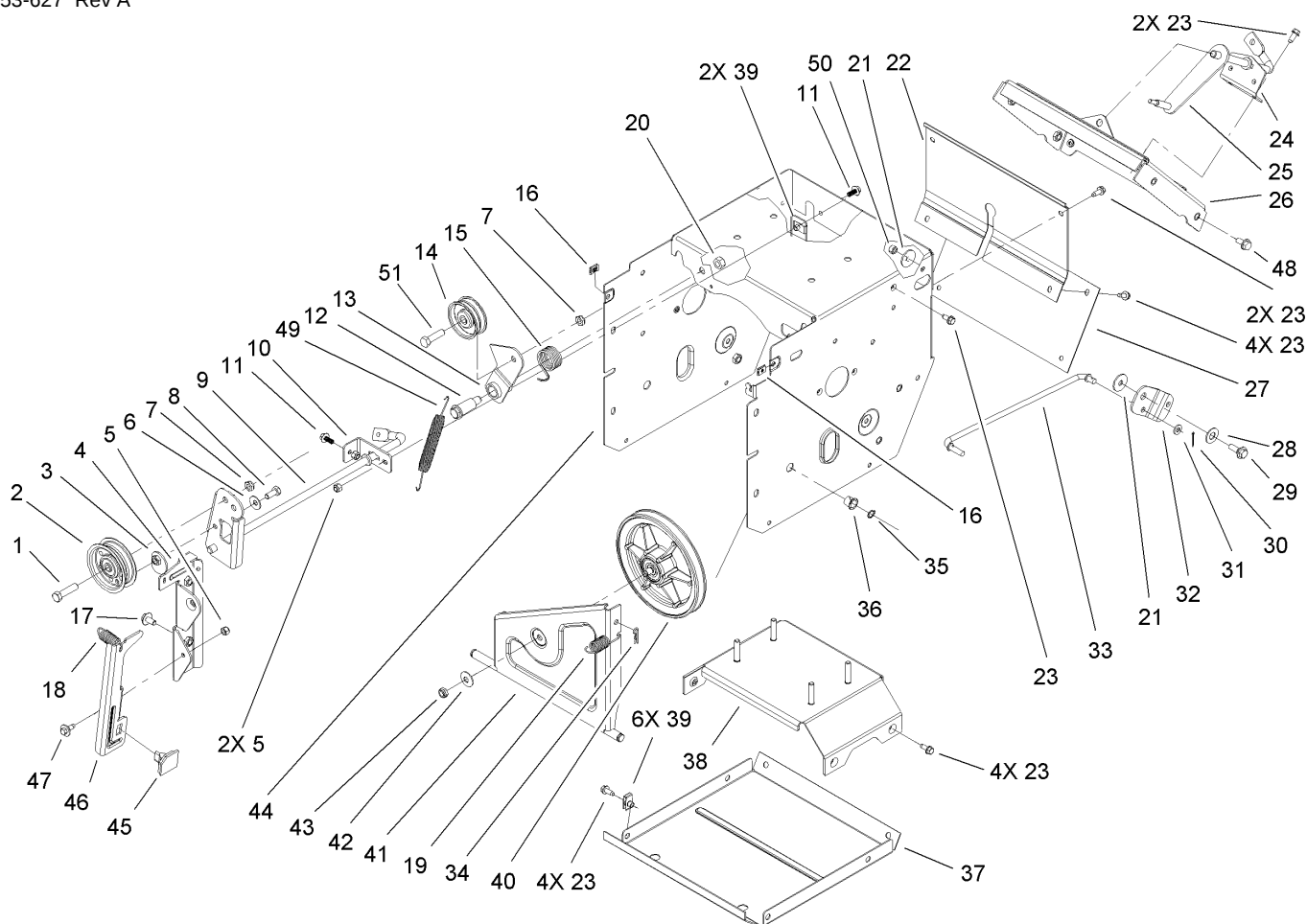
| Ref  | Part No. | Qty. | Description           | Ref | Part No. | Qty. | Description       |
|------|----------|------|-----------------------|-----|----------|------|-------------------|
| ②1   |          | 1    | RH Wheel And Tire ASM | 30  | 108-5054 | 1    | Shaft-Hex         |
| 1:1  | 107-3042 | 1    | Tire                  | 31  | 106-4434 | 1    | Trunion-Hex       |
| 1:2  | 107-3043 | 1    | Rim-Tire              | 32  | 32121-9  | 3    | Pin-Roll, Slotted |
| 5    | 106-4480 | 1    | Wheel-Friction        | 33  | 94-8850  | 1    | Key-Square        |
| 6    | 321-4    | 3    | Screw-HH              | 34  | 3245-32  | 2    | Screw-HSH         |
| 12   | 32144-10 | 4    | Screw-HWH             | 35  | 106-7317 | 1    | Sprocket-8 Tooth  |
| 13   | 108-0016 | 1    | Chain-Roller          | 36  | 108-5059 | 1    | Spacer-Bushing    |
| 13   | 2710-6   | 1    | Link-Connecting       | 37  | 108-7319 | 2    | Retainer-Bearing  |
| 14   | 108-0013 | 1    | Sprocket ASM          |     |          |      |                   |
| 14:2 | 108-2974 | 2    | Bushing-Flange        |     |          |      |                   |
| 15   | 3296-42  | 3    | Nut-Lock, NI          |     |          |      |                   |
| 17   | 107-3041 | 1    | Washer-Flat           |     |          |      |                   |
| 18   | 106-4592 | 1    | Shaft-Intermediate    |     |          |      |                   |
| 19   | 32144-14 | 2    | Screw-HWH             |     |          |      |                   |
| 20   | 107-3039 | 2    | Klik Pin ASM          |     |          |      |                   |
| ②21  |          | 1    | LH Wheel And Tire ASM |     |          |      |                   |
| 21:1 | 107-3042 | 1    | Tire                  |     |          |      |                   |
| 21:2 | 107-3043 | 1    | Rim-Tire              |     |          |      |                   |
| 22   | 106-4449 | 1    | Shaft-Axle            |     |          |      |                   |
| 23   | 3-8664   | 3    | Washer-Thrust         |     |          |      |                   |
| 24   | 3257-7   | 1    | Key-Woodruff          |     |          |      |                   |
| 25   | 106-4572 | 1    | Gear-Axle, 44 Tooth   |     |          |      |                   |
| 26   | 3290-343 | 2    | Pin-Hair              |     |          |      |                   |
| 27   | 106-4558 | 2    | Bearing-Axle          |     |          |      |                   |



## Control Panel Assembly

| Ref  | Part No.    | Qty. | Description               |
|------|-------------|------|---------------------------|
| 1    | 106-4423    | 1    | Knob-Shift, RH            |
| 2    | 106-7278-03 | 1    | Selector-Speed            |
| 3    | 63-2650     | 1    | Screw-Shoulder            |
| 4    | 108-7313    | 1    | Spring-Compression        |
| 5    | 3290-307    | 2    | Pin-Hair                  |
| 6    | 101161      | 1    | Trunnion                  |
| 7    | 3256-24     | 3    | Washer-Flat               |
| 8    | 612586      | 1    | Washer-Spring             |
| 9    | 46-8092     | 4    | Screw-Plastite            |
| 10   | 105-9999    | 1    | Knob-Shift, LH            |
| 11   | 94-4496     | 1    | Screw-PPH                 |
| 12   | 106-7277-03 | 1    | Guide-Selector, Speed     |
| 13   | 32128-13    | 1    | Nut-HF                    |
| 14   | 106-7279-03 | 1    | Mount-Selector, Speed     |
| 17   | 3296-72     | 1    | Nut-Lock, NI              |
| 21   | 106-4413    | 1    | Lever-Augur               |
| 23   | 107-3826    | 1    | Control Panel ASM         |
| 23:2 | 106-4523    | 1    | Decal-Panel, Back Control |
| 24   | 32121-125   | 3    | Pin-Spring                |
| 25   | 107-3001    | 1    | Spring-Tension            |
| 26   | 106-4410    | 1    | Lever-Traction            |
| 27   | 105-9996    | 1    | Rod-Lockout               |
| 28   | 107-1043    | 1    | Cam-Lockout               |
| 29   | 108-0023    | 1    | Latch-Lockout             |

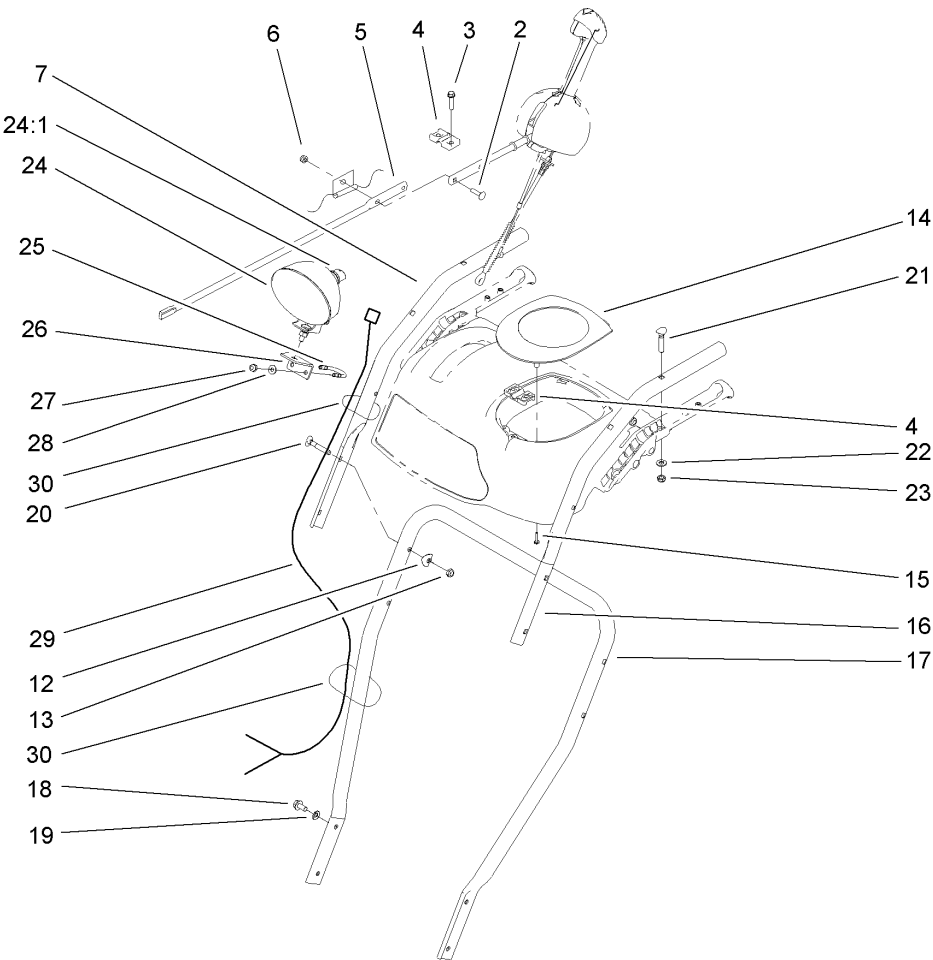
| Ref | Part No. | Qty. | Description         |
|-----|----------|------|---------------------|
| 30  | 98-3499  | 1    | Washer-Flat         |
| 31  | 107-3000 | 1    | Link-Lockout        |
| 32  | 108-0024 | 1    | Spring-Torsion      |
| 33  | 106-4412 | 1    | Screw-Shoulder      |
| 39  | 106-4563 | 1    | Cable-Traction      |
| 40  | 106-4599 | 1    | Cable-Augur         |
| 42  | 107-1005 | 1    | Rod-Shift           |
| 45  | 107-3031 | 1    | Decal-Control Panel |



## Frame Assembly

| Ref | Part No.    | Qty. | Description             | Ref | Part No.    | Qty. | Description                |
|-----|-------------|------|-------------------------|-----|-------------|------|----------------------------|
| 1   | 323-8       | 1    | Screw-HH                | 25  | 106-7268    | 1    | Lever-Control, Traction    |
| 2   | 92-7104     | 1    | Pulley-Idler            | 26  | 108-0026-01 | 1    | Shift Plate ASM            |
| 3   | 107-1047    | 1    | Nut                     | 27  | 106-7345-01 | 1    | Cover-Lower                |
| 4   | 107-1039    | 1    | Bracket-Idler, Impeller | 28  | 25-5640     | 1    | Washer                     |
| 5   | 3296-42     | 3    | Nut-Lock, NI            | 29  | 27-0410     | 1    | Screw-Shoulder             |
| 6   | 3290-456    | 1    | Washer-Belleville       | 30  | 3272-4      | 1    | Pin-Cotter                 |
| 7   | 3296-59     | 2    | Nut-Lock, NI            | 31  | 3256-23     | 1    | Washer-Flat                |
| 8   | 322-3       | 1    | Screw-HH                | 32  | 107-1011    | 1    | Bellcrank-Drive            |
| 9   | 107-3838-03 | 1    | Impeller Clutch ASM     | 33  | 106-4467    | 1    | Link-Control, Speed        |
| 10  | 106-7341    | 1    | Bracket-Rear, Clutch    | 34  | 3290-307    | 1    | Pin-Hair                   |
| 11  | 99-6810     | 2    | Screw-HH                | 35  | 32151-61    | 2    | Ring-Retaining             |
| 12  | 108-5056    | 1    | Bolt-Shoulder           | 36  | 256-257     | 2    | Bushing-Nyliner            |
| 13  | 108-5058    | 1    | Arm-Idler, Traction     | 37  | 106-7330-01 | 1    | Pan-Bottom                 |
| 14  | 3-4244      | 1    | Pulley-Idler            | 38  | 106-7315    | 1    | Brace Frame ASM            |
| 15  | 108-7332    | 1    | Spring-Torsion          | 39  | 107069      | 8    | Clip                       |
| 16  | 107-1013    | 2    | Nut-Speed, U-Type       | 40  | 108-0031    | 1    | Traction Pulley ASM        |
| 17  | 3234-7      | 2    | Screw-HHF               | 41  | 108-7307    | 1    | Friction Wheel Bracket ASM |
| 18  | 107-1045    | 1    | Spring-Extension        | 42  | 3290-340    | 1    | Washer-Belleville          |
| 19  | 107-1003    | 1    | Spring-Extension        | 43  | 3296-5      | 1    | Nut-Lock                   |
| 20  | 3296-76     | 1    | Nut-Lock, NI            | 44  | 108-0019-01 | 1    | Traction Frame ASM         |
| 21  | 5-4460      | 2    | Washer-Pivot            | 45  | 66-8060     | 1    | Pad-Brake                  |
| 22  | 106-4556-01 | 1    | Cover-Upper             | 46  | 107-1000    | 1    | Arm-Brake                  |
| 23  | 32144-10    | 17   | Screw-HWH               | 47  | 92-9698     | 1    | Screw-Shoulder             |
| 24  | 108-0036    | 1    | Bracket-Shift Rod       | 48  | 32144-14    | 4    | Screw-HWH                  |





Handle, Headlamp and Control Assembly

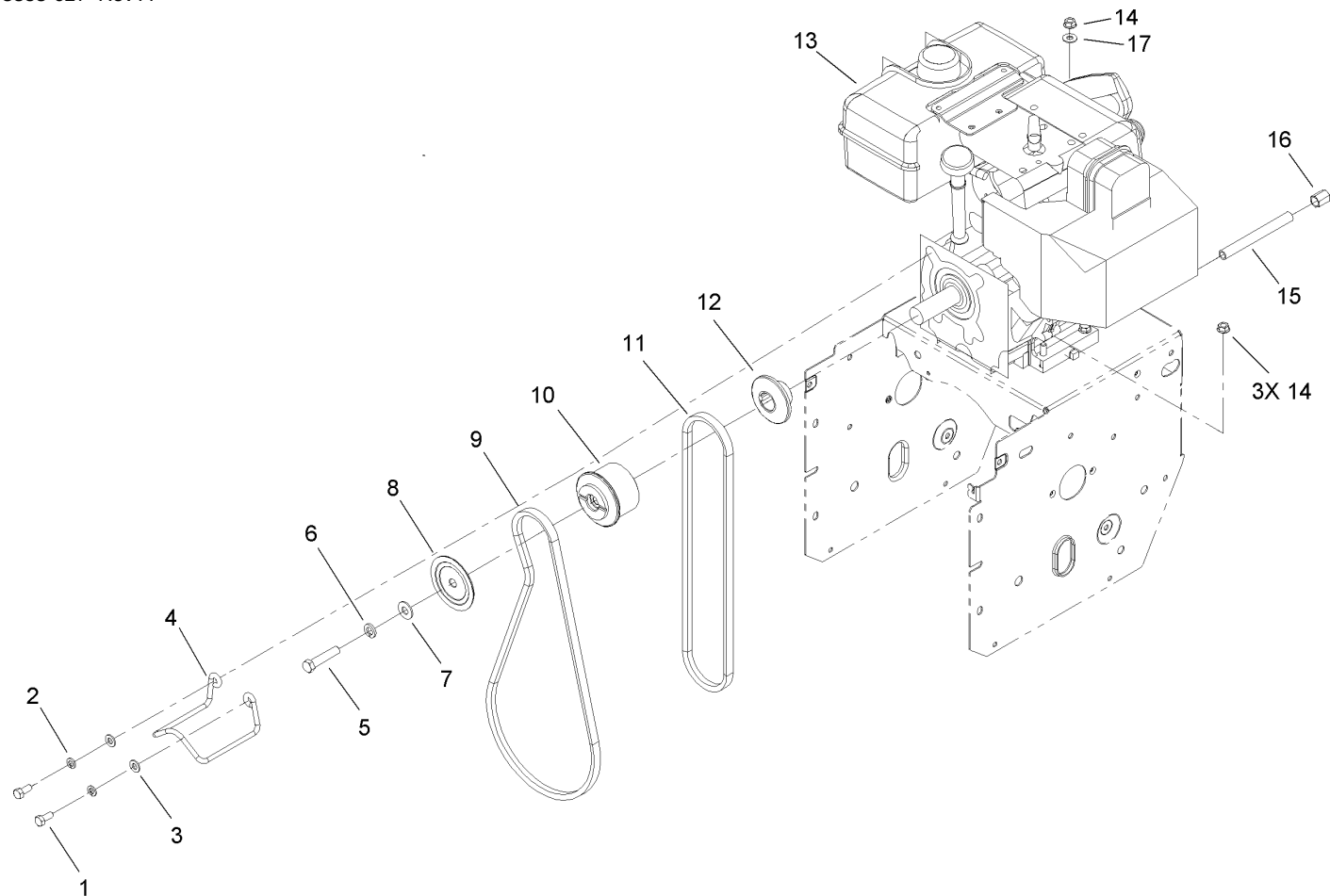
| Ref  | Part No.    | Qty. | Description          |
|------|-------------|------|----------------------|
| 2    | 3229-30     | 2    | Screw-CARR           |
| 3    | 46-8092     | 2    | Screw-Plastite       |
| 4    | 105-9987    | 2    | Support-Rod          |
| 5    | 106-7283    | 1    | Rod-Chute, Front     |
| 6    | 3296-73     | 2    | Nut-Lock, NI         |
| 7    | 108-0038-03 | 1    | Handle-Upper, RH     |
| 12   | 107-3844    | 4    | Washer               |
| 13   | 3296-72     | 4    | Nut-Lock, NI         |
| 14   | 106-4586    | 1    | Cover-Panel, Control |
| 15   | 94-4496     | 2    | Screw-PPH            |
| 16   | 108-0037-03 | 1    | Handle-Upper, LH     |
| 17   | 105-9981-03 | 1    | Handle-Lower         |
| 18   | 32144-14    | 4    | Screw-HWH            |
| 19   | 3290-475    | 4    | Washer-Belleville    |
| 20   | 92-2260     | 4    | Screw-Handle         |
| 21   | 107-3018    | 4    | Screw-Handle         |
| 22   | 3256-70     | 4    | Washer-Flat          |
| 23   | 3296-72     | 4    | Nut-Lock, NI         |
| 24   | 106-4510    | 1    | Headlamp ASM         |
| 24:1 | 108-0008    | 1    | Lamp-12 Volt         |
| 25   | 107-3024    | 1    | Clamp-Light          |
| 26   | 107-1020-03 | 1    | Bracket-Light        |
| 27   | 3296-73     | 2    | Nut-Lock, NI         |
| 28   | 3256-1      | 2    | Washer-Flat          |

| Ref | Part No. | Qty. | Description  |
|-----|----------|------|--------------|
| 29  | 106-4511 | 1    | Harness-Wire |
| 30  | 614249   | 2    | Strap-Tie    |



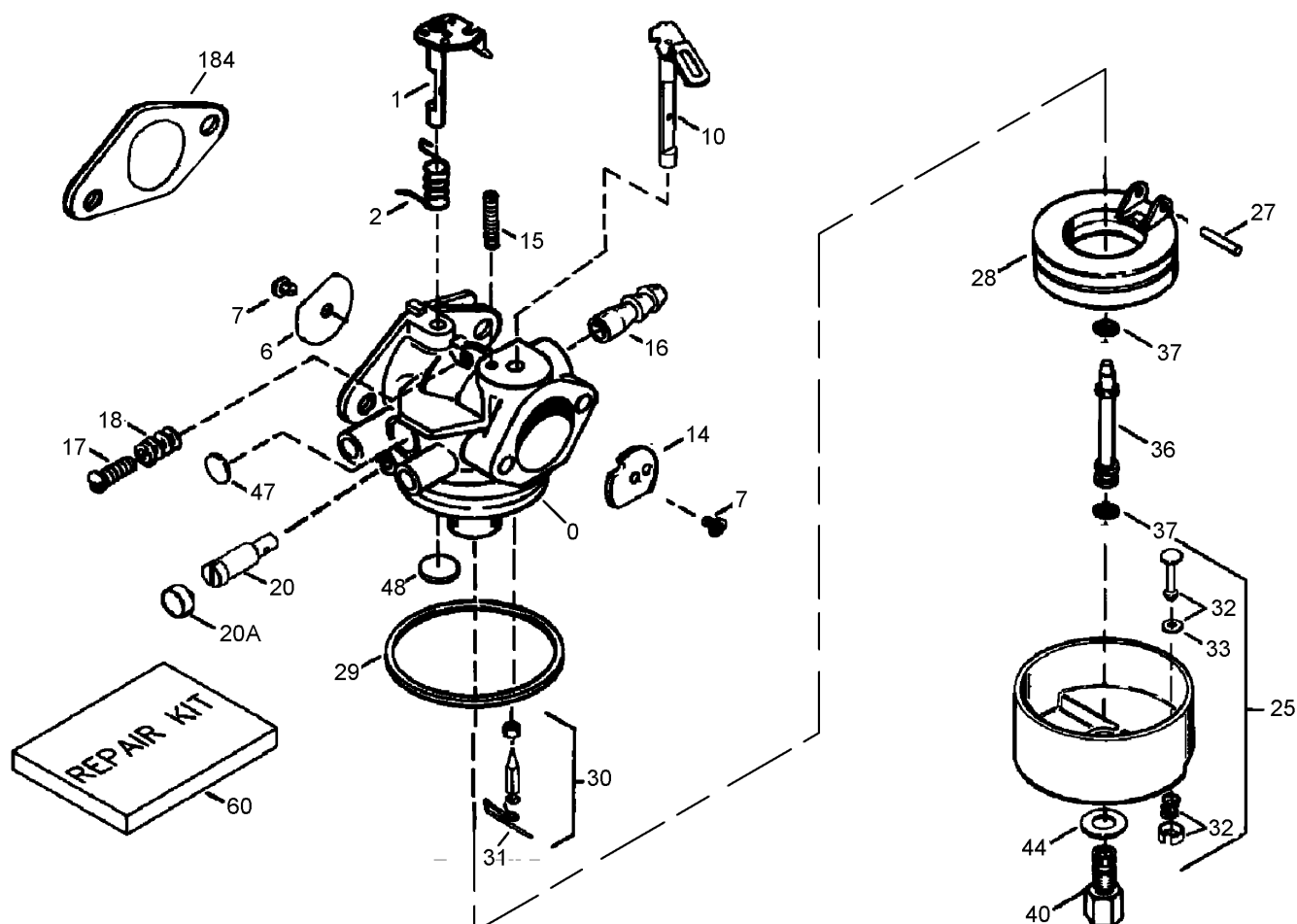
**Lever Chute Control Assembly**

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



Engine Assembly

| Ref | Part No. | Qty. | Description                      |  |  |  |  |
|-----|----------|------|----------------------------------|--|--|--|--|
| 1   | 3210-3   | 2    | Screw-HH                         |  |  |  |  |
| 2   | 3253-4   | 2    | Washer-Lock                      |  |  |  |  |
| 3   | 3256-23  | 2    | Washer-Flat                      |  |  |  |  |
| 4   | 107-3835 | 1    | Guide-Belt                       |  |  |  |  |
| 5   | 3212-8   | 1    | Screw-HH                         |  |  |  |  |
| 6   | 3253-6   | 1    | Washer-Lock                      |  |  |  |  |
| 7   | 3256-4   | 1    | Washer-Flat                      |  |  |  |  |
| 8   | 62-0940  | 1    | Sheave-Half, Impeller            |  |  |  |  |
| 9   | 106-4498 | 1    | Belt-V                           |  |  |  |  |
| 10  | 106-7333 | 1    | Pulley-Engine, Center            |  |  |  |  |
| 11  | 94-8812  | 1    | V Belt-Traction                  |  |  |  |  |
| 12  | 106-7334 | 1    | Sheave-Half, Traction            |  |  |  |  |
| 13  |          | 1    | Engine-Tecumseh, LH318Sa-156564H |  |  |  |  |
| 14  | 32128-20 | 4    | Nut-HF                           |  |  |  |  |
| 15  | 289-34   | 1    | Nipple-Pipe                      |  |  |  |  |
| 16  | 288-2    | 1    | Cap-Pipe                         |  |  |  |  |
| 17  | 3256-2   | 1    | Washer-Flat                      |  |  |  |  |



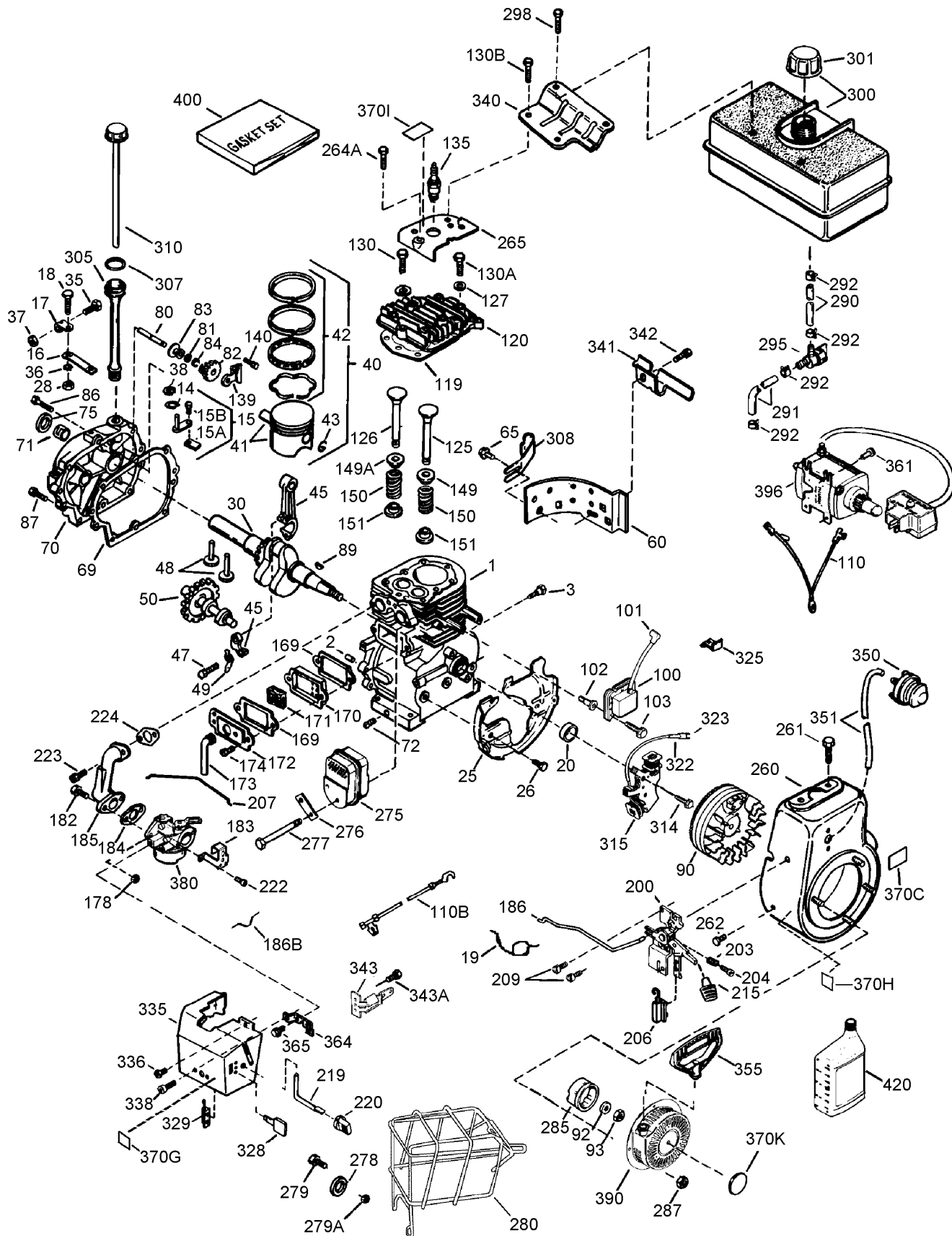
## Carburetor Assembly Tecumseh LH318SA-156564H

| Ref | Part No. | Qty. | Description                                    |
|-----|----------|------|------------------------------------------------|
| 0   | 640349   | 1    | Carburetor (Includes 184)                      |
| 1   | 631776A  | 1    | Throttle Shaft And Lever ASM                   |
| 2   | 631970   | 1    | Spring-Return, Throttle                        |
| 6   | 640109   | 1    | Shutter-Throttle                               |
| 7   | 650506   | 2    | Screw-Shutter                                  |
| 10  | 632112   | 1    | Choke Shaft And Lever ASM                      |
| 14  | 632174   | 1    | Shutter-Choke                                  |
| 15  | 630735   | 1    | Spring-Positioning, Choke                      |
| 16  | 632164   | 1    | Fitting-Fuel                                   |
| 17  | 651025   | 1    | Screw-Throttle Crack And Idle Speed            |
| 18  | 630766   | 1    | Spring-Tension                                 |
| 20  | 640027   | 1    | Screw-Restrictor, Idle                         |
| 20A | 640200   | 1    | Cap-Screw, Idle Restrictor                     |
| 25  | 631951   | 1    | Float Bowl ASM (Includes 32 And 33)            |
| 27  | 631024   | 1    | Shaft-Float                                    |
| 28  | 632802   | 1    | Float                                          |
| 29  | 631028   | 1    | O Ring-Bowl, Float                             |
| 30  | 631021A  | 1    | Inlet Needle, Seat, And Clip ASM (Includes 31) |
| 31  | 631022   | 1    | Clip-Spring                                    |
| 32  | 27136A   | 1    | Bowl Drain ASM                                 |
| 33  | 27554    | 1    | Gasket-Plunger, Drain                          |
| 36  | 640113   | 1    | Tube-Nozzle                                    |

| Ref | Part No. | Qty. | Description                                             |
|-----|----------|------|---------------------------------------------------------|
| 37  | 632547   | 2    | O Ring-Nozzle Tube, Main                                |
| 40  | 640128   | 1    | Nut-Bowl, High Speed                                    |
| 44  | 27110    | 1    | Washer                                                  |
| 47  | 630748   | 1    | Plug-Welch, Idle Mixture Well                           |
| 48  | 631027   | 1    | Plug-Welch, Atmospheric Vent                            |
| 60  | 632760B  | 1    | Repair Kit (Includes 7, 27, 29, 30, 33, 37, 44, 47, 48) |
| 184 | 33263    | 1    | Gasket (Carburetor To Intake Pipe)                      |

# Engine Assembly

## Tecumseh LH318SA-156564H



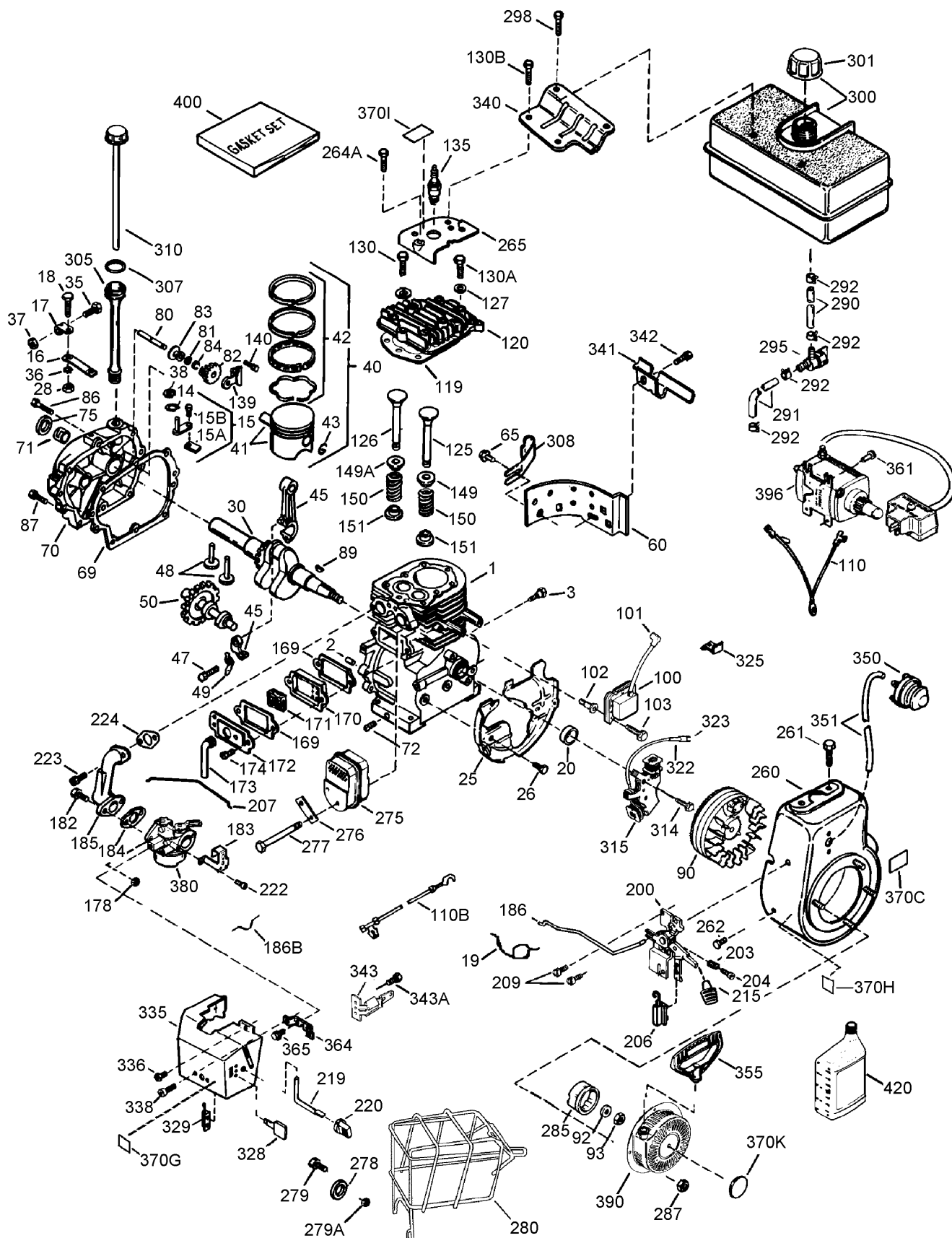
# Engine Assembly

## Tecumseh LH318SA-156564H

| Ref | Part No. | Qty. | Description                                  | Ref  | Part No. | Qty. | Description                                  |
|-----|----------|------|----------------------------------------------|------|----------|------|----------------------------------------------|
| 1   | 35385    | 1    | Cylinder ASM (Includes 2, 20, 72)            | 89   | 32589    | 1    | Key-Flywheel                                 |
| 1   | 756320C  | 1    | Shortblock                                   | 90   | 611093   | 1    | Flywheel ASM                                 |
| 2   | 27652    | 2    | Pin-Dowel                                    | 92   | 650880   | 1    | Washer-Lock                                  |
| 3   | 650820   | 2    | Screw (1/4-20 X 1/2In)                       | 93   | 650881   | 1    | Nut-Flywheel                                 |
| 14  | 28277    | 1    | Washer                                       | 100  | 35135A   | 1    | Ignition-State, Solid (Includes 101)         |
| 15  | 30699C   | 1    | Rod-Governor (Includes 15A, 15B)             | 101  | 610118   | 1    | Cover-Plug, Spark                            |
| 15A | 30700    | 1    | Yoke-Governor                                | 102  | 651024   | 2    | Stud-Mounting, Solid State                   |
| 15B | 650494   | 1    | Screw (6-40 X 5/16In)                        | 103  | 651007   | 2    | Screw                                        |
| 16  | 33454A   | 1    | Lever-Governor                               | 110  | 35187    | 1    | Wire-Ground                                  |
| 17  | 29916    | 1    | Clamp-Lever, Governor                        | 110B | 37047    | 1    | Wire-Ground                                  |
| 18  | 651028   | 1    | Screw-Torx (T-15, 8-32 X 3/8In)              | 119  | 36448    | 1    | Gasket-Head, Cylinder                        |
| 19  | 34663    | 1    | Spring-Control, Speed                        | 120  | 36449    | 1    | Head-Cylinder                                |
| 20  | 35319    | 1    | Seal-Oil                                     | 125  | 27878A   | 1    | Valve-Exhaust (STD) (Includes 151)           |
| 25  | 37853    | 1    | Baffle-Housing, Blower                       | 125  | 27880A   | 1    | Valve-Exhaust (1/32In Os) (Includes 151)     |
| 26  | 650561   | 2    | Screw (1/4-20 X 5/8In)                       | 126  | 34035    | 1    | Valve-Intake (STD.) (Includes 151)           |
| 28  | 30322    | 1    | Nut-Lock (8-32)                              | 127  | 650691   | 2    | Washer                                       |
| 30  | 35571A   | 1    | Shaft-Crank                                  | 130  | 6021A    | 7    | Screw (5/16-18 X 1-7/16In)                   |
| 35  | 29826    | 1    | Screw (10-32 X 3/4In)                        | 130A | 650727   | 2    | Screw (5/16-18 X 1-25/32In)                  |
| 36  | 29918    | 1    | Washer-Lock                                  | 130B | 651055   | 2    | Screw (5/16-18 X 39/64In)                    |
| 37  | 29216    | 1    | Nut-Lock (10-32)                             | 135  | 35395    | 1    | Spark Plug-Resistor                          |
| 38  | 29642    | 1    | Ring-Retaining                               | 139  | 33369    | 1    | Bracket-Gear, Governor                       |
| 40  | 40011    | 1    | Piston, Pin And Ring Set ASM (STD)           | 140  | 650836   | 2    | Screw (10-24 X 1/2In)                        |
| 40  | 40012    | 1    | Piston, Pin And Ring Set ASM (.010In Os)     | 149  | 27882    | 1    | Cap-Spring, Valve                            |
| 41  | 40009    | 1    | Piston And Pin ASM (STD) (Includes 43)       | 149A | 35862    | 1    | Cap-Spring, Valve                            |
| 41  | 40010    | 1    | Piston And Pin ASM (.010In Os) (Includes 43) | 150  | 27881    | 2    | Spring-Valve                                 |
| 42  | 40013    | 1    | Ring Set (STD)                               | 151  | 32581    | 2    | Keeper-Spring, Valve                         |
| 42  | 40014    | 1    | Ring Set (.010In Os)                         | 169  | 27896A   | 2    | Gasket-Cover, Valve                          |
| 43  | 27888    | 2    | Ring-Retaining, Piston Pin                   | 170  | 28423    | 1    | Body-Breather                                |
| 45  | 36897    | 1    | Connecting Rod ASM (Includes 47, 49)         | 171  | 28424    | 1    | Element-Breather                             |
| 47  | 651033   | 2    | Bolt-Rod, Connecting                         | 172  | 28425    | 1    | Cover-Valve                                  |
| 48  | 34034    | 2    | Lifter-Valve                                 | 173  | 35350    | 1    | Tube-Breather                                |
| 49  | 36896    | 1    | Dipper-Oil                                   | 174  | 650128   | 2    | Screw (10-24 X 1/2In)                        |
| 50  | 35375    | 1    | Camshaft (Mcr)                               | 178  | 29752    | 2    | Nut And Lock Washer ASM                      |
| 60  | 33273A   | 1    | Extension-Housing, Blower                    | 182  | 30088A   | 2    | Screw (1/4-28 X 1In)                         |
| 65  | 650128   | 1    | Screw (10-24 X 1/2In)                        | 183  | 34587A   | 1    | Bracket-Choke                                |
| 69  | 37342    | 1    | Gasket-Cover, Cylinder                       | 184  | 33263    | 1    | Gasket (Carburetor To Intake Pipe)           |
| 70  | 37847    | 1    | Cover-Cylinder (Includes 71, 75, 80 - 84)    | 185  | 33877    | 1    | Pipe-Intake                                  |
| 71  | 35377    | 1    | Bushing-Crankshaft                           | 186  | 34667    | 1    | Link-Governor                                |
| 72  | 27642    | 1    | Plug-Drain, Oil                              | 186B | 36652    | 1    | Spring-Choke                                 |
| 75  | 35319    | 1    | Seal-Oil                                     | 200  | 34677    | 1    | Bracket-Control (Includes 19, 203, 204, 206) |
| 80  | 37587    | 1    | Shaft-Governor                               | 203  | 31342    | 1    | Spring-Compression                           |
| 81  | 651080   | 1    | Washer                                       | 204  | 651029   | 1    | Screw (5-40 X 7/16In)                        |
| 82  | 37588    | 1    | Governor Gear ASM (Includes 81)              | 206  | 610973   | 1    | Terminal                                     |
| 83  | 30588A   | 1    | Spool-Governor                               | 207  | 33878    | 1    | Link-Throttle                                |
| 84  | 29193    | 1    | Ring-Retaining                               | 209  | 650821   | 2    | Screw (10-32 X 1/2In)                        |
| 86  | 650833   | 7    | Screw (1/4-20 X 1-3/16In)                    | 215  | 35440    | 1    | Knob-Control                                 |
| 87  | 650832   | 1    | Screw (1/4-20 X 1-11/16In)                   | 219  | 34586    | 1    | Rod-Choke                                    |
|     |          |      |                                              | 220  | 35438    | 1    | Knob-Choke                                   |

# Engine Assembly (continued)

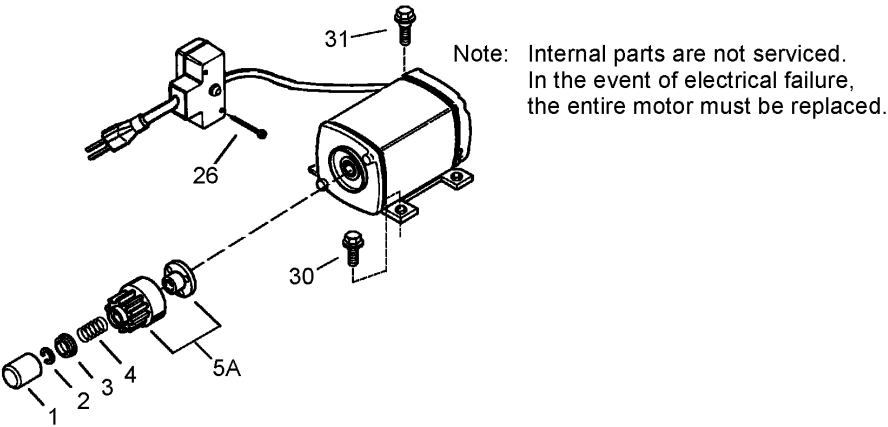
## Tecumseh LH318SA-156564H



## Engine Assembly (continued)

### Tecumseh LH318SA-156564H

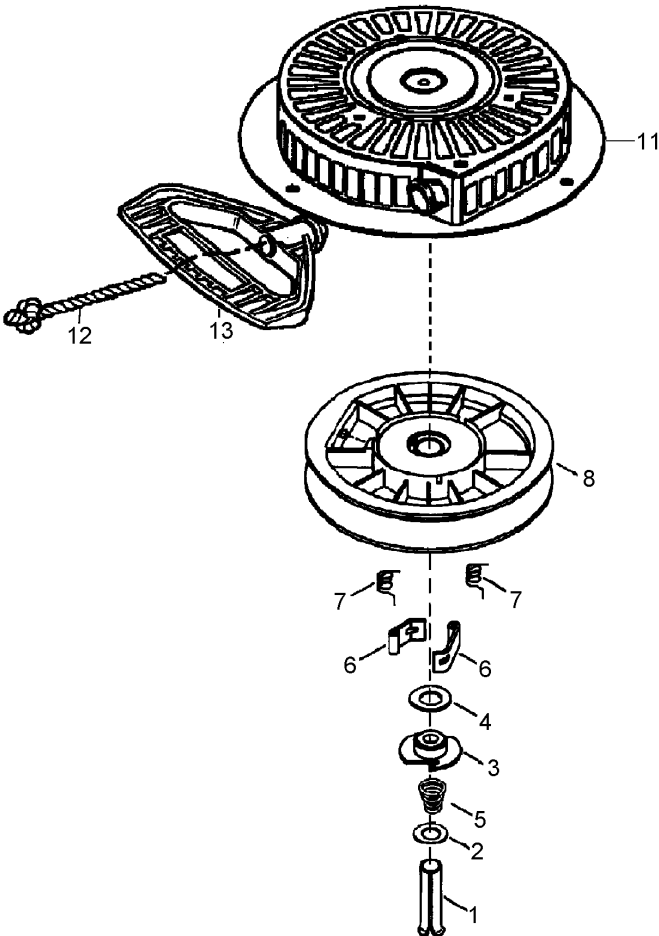
| Ref   | Part No. | Qty. | Description                                       | Ref  | Part No. | Qty. | Description                                                                  |
|-------|----------|------|---------------------------------------------------|------|----------|------|------------------------------------------------------------------------------|
| ③264A | 650802   | 1    | Screw (1/4-20 X 5/8In)                            | ③390 | 590749   | 1    | Starter-Rewind (Note: This Engine Could Have Been Built With Starter 590733) |
| ③265  | 33272D   | 1    | Cover-Head, Cylinder                              | ③396 | 37102    | 1    | 220 Volt Electric Motor ASM                                                  |
| ③275  | 35056    | 1    | Muffler                                           | ③400 | 36450C   | 1    | Gasket Set (Includes 69, 119, 169, 184, 224)                                 |
| ③276  | 31588    | 1    | Plate-Locking                                     | ③420 | 730226A  | 1    | Oil-Sae 5W30 (Quart)                                                         |
| ③277  | 651002   | 2    | Screw (5/16-18 X 4-3/16In)                        |      |          |      |                                                                              |
| ③278  | 650147   | 2    | Washer-Flat                                       |      |          |      |                                                                              |
| ③279  | 650980   | 2    | Screw (10-16 X 47/64)                             |      |          |      |                                                                              |
| ③279A | 650979   | 2    | Washer-Lock                                       |      |          |      |                                                                              |
| ③280  | 36294    | 1    | Muffler Heat Shield ASM (Includes 278, 279, 279A) |      |          |      |                                                                              |
| ③285  | 35985C   | 1    | Cup-Starter                                       |      |          |      |                                                                              |
| ③287  | 29752    | 4    | Nut And Lock Washer ASM                           |      |          |      |                                                                              |
| ③290  | 29774    | 1    | Line-Fuel                                         |      |          |      |                                                                              |
| ③291  | 30705    | 1    | Line-Fuel                                         |      |          |      |                                                                              |
| ③292  | 26460    | 4    | Clamp-Line, Fuel                                  |      |          |      |                                                                              |
| ③295  | 35857    | 1    | Valve-Shut Off, Fuel (Includes 292)               |      |          |      |                                                                              |
| ③298  | 650665   | 2    | Screw (1/4-15 X 3/4In)                            |      |          |      |                                                                              |
| ③300  | 34156A   | 1    | Tank-Fuel (Includes 292, 301)                     |      |          |      |                                                                              |
| ③301  | 37844    | 1    | Fuel Cap ASM                                      |      |          |      |                                                                              |
| ③305  | 36877    | 1    | Tube-Fill, Oil                                    |      |          |      |                                                                              |
| ③307  | 35499    | 1    | O-Ring                                            |      |          |      |                                                                              |
| ③308  | 35539    | 1    | Clip                                              |      |          |      |                                                                              |
| ③310  | 37869    | 1    | Dipstick                                          |      |          |      |                                                                              |
| ③314  | 650873   | 1    | Screw (1/4-20 X 3/4In)                            |      |          |      |                                                                              |
| ③315  | 611111   | 1    | Coil-Alternator, 18 Watt (Includes 322, 323)      |      |          |      |                                                                              |
| ③322  | 611117   | 1    | Body-Connector                                    |      |          |      |                                                                              |
| ③323  | 611118   | 1    | Terminal                                          |      |          |      |                                                                              |
| ③325  | 29443    | 1    | Clip-Wire                                         |      |          |      |                                                                              |
| ③328  | 35062    | 2    | Key-Ignition                                      |      |          |      |                                                                              |
| ③329  | 610973   | 1    | Terminal                                          |      |          |      |                                                                              |
| ③335  | 36547    | 1    | Cover-Carburetor                                  |      |          |      |                                                                              |
| ③336  | 650765   | 1    | Screw (10-32 X 1/2In)                             |      |          |      |                                                                              |
| ③338  | 28942    | 2    | Screw (10-32 X 3/8In)                             |      |          |      |                                                                              |
| ③340  | 34154    | 1    | Bracket-Tank, Fuel                                |      |          |      |                                                                              |
| ③341  | 34155    | 1    | Bracket-Tank, Fuel                                |      |          |      |                                                                              |
| ③342  | 650561   | 1    | Screw (1/4-20 X 5/8In)                            |      |          |      |                                                                              |
| ③343  | 35079A   | 1    | Bracket-Switch, Key (Includes 343A)               |      |          |      |                                                                              |
| ③343A | 651060   | 1    | Screw (10-32 X 23/64In)                           |      |          |      |                                                                              |
| ③350  | 570682A  | 1    | Primer ASM                                        |      |          |      |                                                                              |
| ③351  | 32180C   | 1    | Line-Primer (12In)                                |      |          |      |                                                                              |
| ③355  | 590574   | 1    | Handle-Grip, Mitten                               |      |          |      |                                                                              |
| ③361  | 650990   | 2    | Screw (T-30, 1/4-20 X 15/32In)                    |      |          |      |                                                                              |
| ③364  | 37659    | 1    | Bracket-Cover, Carburetor                         |      |          |      |                                                                              |
| ③365  | 650767   | 2    | Screw (8-32 X 27/64In)                            |      |          |      |                                                                              |
| ③370C | 36501    | 1    | Decal-Primer                                      |      |          |      |                                                                              |
| ③370G | 36534    | 1    | Decal-Caution                                     |      |          |      |                                                                              |
| ③370H | 35077    | 1    | Decal-Instruction                                 |      |          |      |                                                                              |
| ③370I | 37119    | 1    | Decal-Warning                                     |      |          |      |                                                                              |
| ③370K | 36695    | 1    | Decal-Starter                                     |      |          |      |                                                                              |
| ③380  | 640349   | 1    | Carburetor (Includes 184)                         |      |          |      |                                                                              |



# Electric Starter Assembly

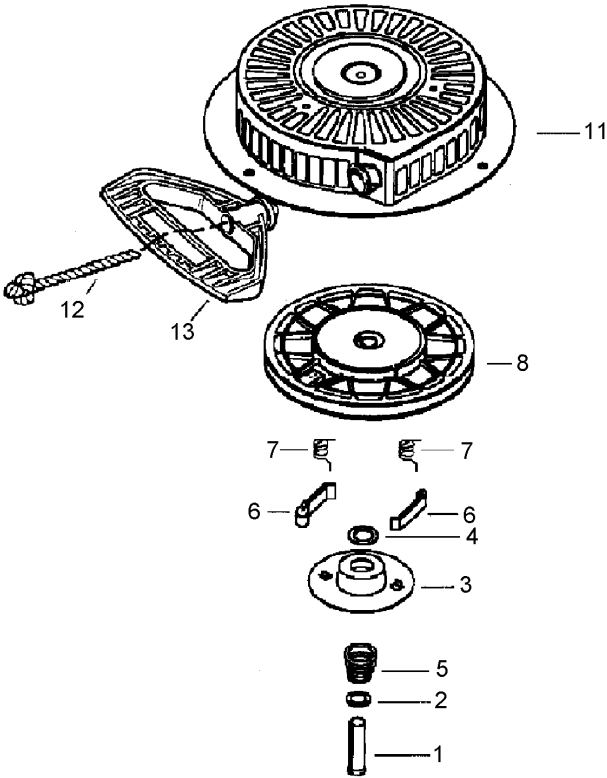
## Tecumseh LH318SA-156564H

| Ref | Part No. | Qty. | Description                       |  |  |  |  |
|-----|----------|------|-----------------------------------|--|--|--|--|
| 30  | 37102    | 1    | 220 Volt Electric Motor ASM       |  |  |  |  |
| 31  | 33451    | 1    | Cover-Dust                        |  |  |  |  |
| 32  | 33842    | 1    | Ring-Retainer                     |  |  |  |  |
| 33  | 33430    | 1    | Retainer-Spring                   |  |  |  |  |
| 34  | 33431    | 1    | Spring-Anti Drift                 |  |  |  |  |
| 5A  | 37050    | 1    | Gear And Nut (Includes 2)         |  |  |  |  |
| 26  | 650819   | 2    | Screw (6-32 X 2-1/2In)            |  |  |  |  |
| 26  | 651032   | 2    | Screw (12-16 X 5/8In)             |  |  |  |  |
| 30  | 30063    | 2    | Screw (Torx T-30, 1/4-20 X 1/2In) |  |  |  |  |
| 31  | 650820   | 2    | Screw (1/4-20 X 1/2In)            |  |  |  |  |



**Recoil Starter Assembly**  
**Tecumseh LH318SA-156564H**

| Ref | Part No. | Qty. | Description                                     |  |  |  |  |
|-----|----------|------|-------------------------------------------------|--|--|--|--|
| ❶0  | 590749   | 1    | Starter-Rewind                                  |  |  |  |  |
| ❶1  | 590599A  | 1    | Spring Pin ASM (Includes 4)                     |  |  |  |  |
| ❶2  | 590600   | 1    | Washer                                          |  |  |  |  |
| ❶3  | 590679   | 1    | Retainer                                        |  |  |  |  |
| ❶4  | 590601   | 1    | Washer                                          |  |  |  |  |
| ❶5  | 590678   | 1    | Spring-Brake                                    |  |  |  |  |
| ❶6  | 590680   | 2    | Dog-Starter                                     |  |  |  |  |
| ❶7  | 590412   | 2    | Spring-Dog                                      |  |  |  |  |
| ❶8  | 590682   | 1    | Pulley And Rewind Spring ASM                    |  |  |  |  |
| ❶11 | 590750A  | 1    | Starter Housing ASM                             |  |  |  |  |
| ❶12 | 590535   | 1    | Rope-Starter (98In X 9/64In Diameter)           |  |  |  |  |
| ❶13 | 590574   | 1    | Handle-Grip, Mitten (Not Included With Starter) |  |  |  |  |



**Recoil Starter Assembly (Optional)**  
**Tecumseh LH318SA-156564H**

| Ref | Part No. | Qty. | Description                                     |  |  |  |  |
|-----|----------|------|-------------------------------------------------|--|--|--|--|
| ❶0  | 590733   | 1    | Starter-Rewind                                  |  |  |  |  |
| ❶1  | 590599A  | 1    | Spring Pin ASM (Includes 4)                     |  |  |  |  |
| ❶2  | 590600   | 1    | Washer                                          |  |  |  |  |
| ❶3  | 590696   | 1    | Retainer                                        |  |  |  |  |
| ❶4  | 590601   | 1    | Washer                                          |  |  |  |  |
| ❶5  | 590697   | 1    | Spring-Brake                                    |  |  |  |  |
| ❶6  | 590698   | 2    | Dog-Starter                                     |  |  |  |  |
| ❶7  | 590699   | 2    | Spring-Dog                                      |  |  |  |  |
| ❶8  | 590709   | 1    | Pulley And Rewind Spring ASM                    |  |  |  |  |
| ❶11 | 590734A  | 1    | Starter Housing ASM                             |  |  |  |  |
| ❶12 | 590535   | 1    | Rope-Starter (98In X 9/64In Diameter)           |  |  |  |  |
| ❶13 | 590574   | 1    | Handle-Grip, Mitten (Not Included With Starter) |  |  |  |  |

# Attachments and Accessories

For 38635 - Power Max 828LE Snowthrower

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

## NOTES

## NOTES

