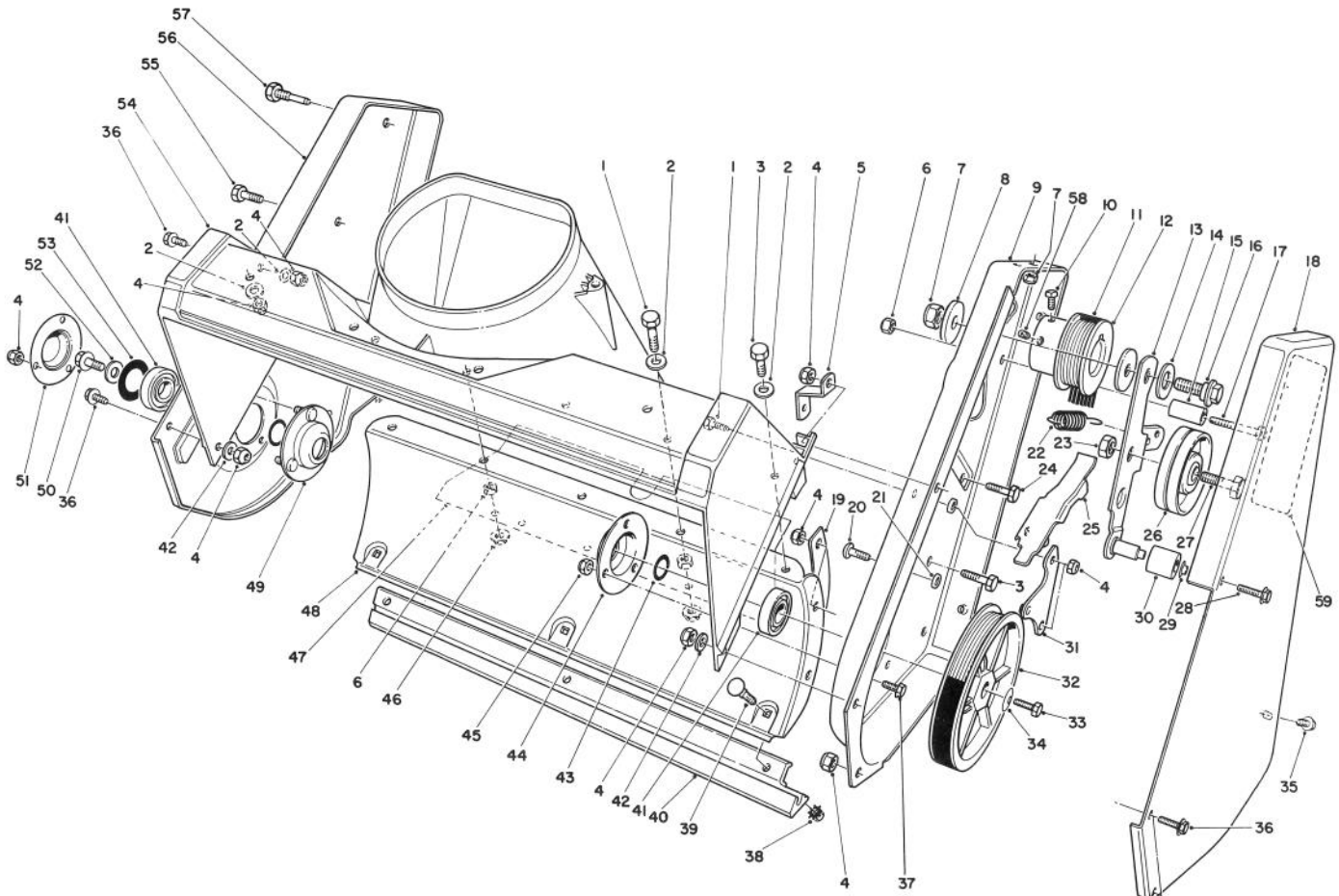
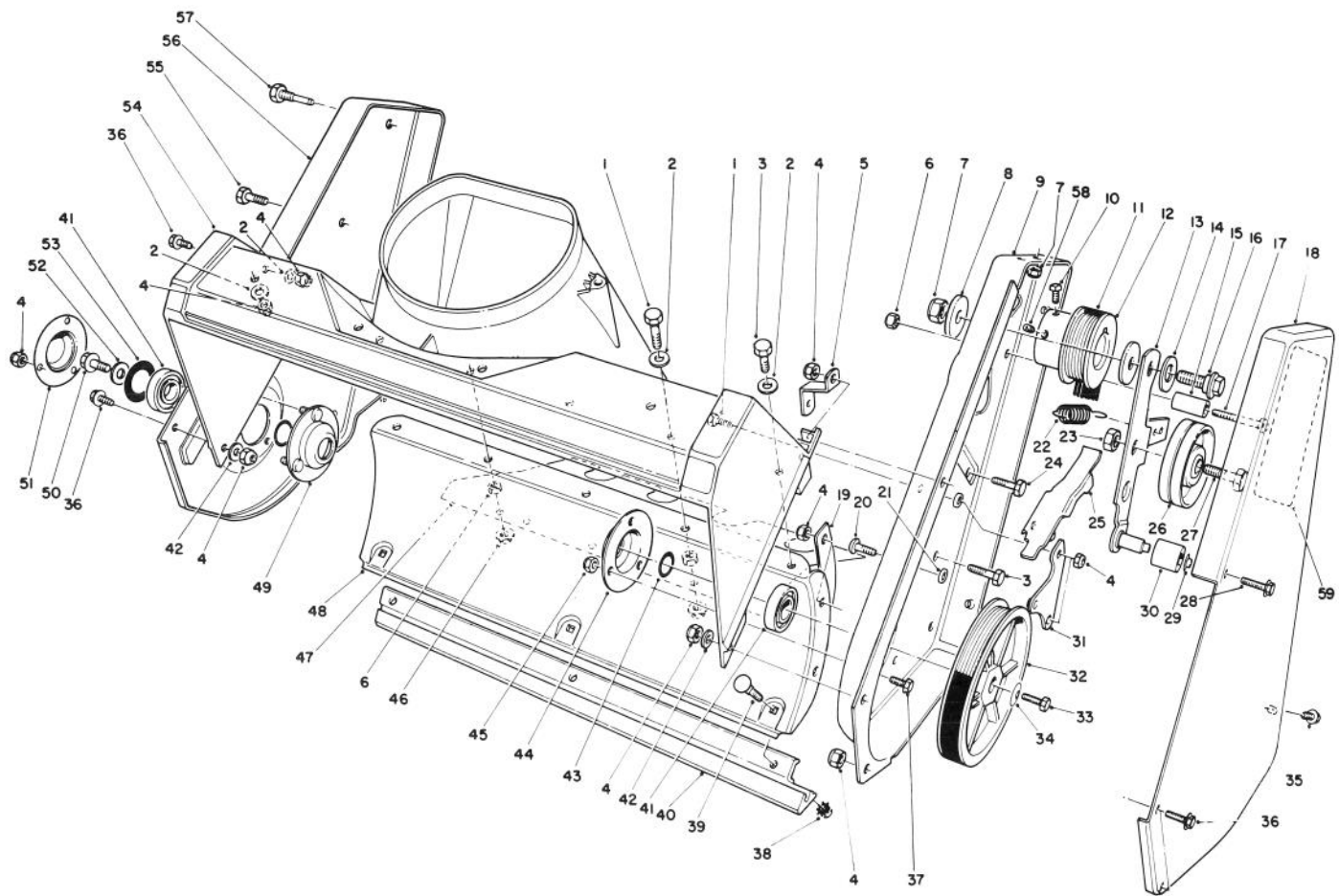


**TORO®**
**MODEL NO. 38185-8000001 & UP**  
**MODEL NO. 38185C-8900001 & UP**
**PARTS**  
**CATALOG**
**CCR-2000 SNOWTHROWER**  
**ELECTRIC START**


## HOUSING ASSEMBLY

| Ref. No. | Part No. | Description                                 | No. Used |
|----------|----------|---------------------------------------------|----------|
| 1        | 321-6    | Screw — Hex Hd.                             | 3        |
| 2        | 3256-22  | Washer                                      | 9        |
| 3        | 321-4    | Screw — Hex Hd.                             | 5        |
| 4        | 3296-42  | Nut — Lock                                  | 16       |
| 5        | 55-9430  | Bracket — Housing                           | 1        |
| 6        | 32153-4  | Nut — Lock                                  | 6        |
| 7        | 3296-29  | Nut — Lock                                  | 3        |
| 8        | 5-4460   | Washer                                      | 2        |
| 9        | 55-8850  | Sideplate — L.H.                            | 1        |
| 10       | 3241-7   | Screw — Set, Sq. Hd.                        | 1        |
| 11       | 55-9300  | Belt — Drive                                | 1        |
| 12       | 55-9180  | Pulley — Engine                             | 1        |
| 13       | 12-8279  | Idler Arm Assembly<br>(Incl. Ref. #29 & 30) | 1        |

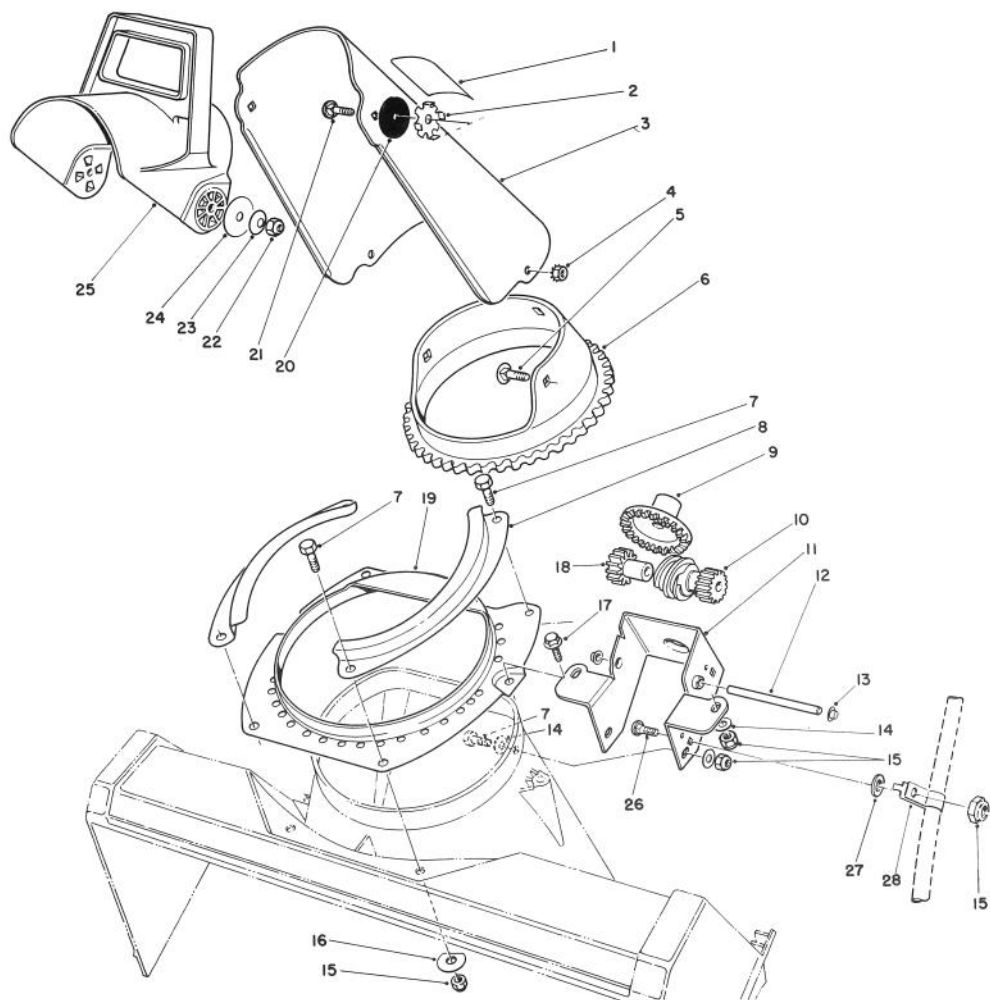
| Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------|----------|
| 14       | 25-5640  | Washer                  | 1        |
| 15       | 55-9530  | Guide — Drive Belt      | 1        |
| 16       | 27-0410  | Screw — Shoulder        | 1        |
| 17       | 321-13   | Screw — Hex. Hd.        | 1        |
| 18       | 55-9010  | Cover — Drive           | 1        |
| 19       | 56-2610  | Bracket — Lower Housing | 1        |
| 20       | 3274-31  | Screw — Button Hd.      | 1        |
| 21       | 55-9620  | Spacer                  | 2        |
| 22       | 55-9280  | Spring — Extension      | 1        |
| 23       | 32152-2  | Nut — Lock              | 1        |
| 24       | 322-3    | Screw — Hex Hd.         | 2        |
| 25       | 55-9550  | Arm — Brake             | 1        |
| 26       | 55-9290  | Pulley — Idler          | 1        |
| 27       | 323-29   | Screw — Hex. Hd.        | 1        |



## HOUSING ASSEMBLY (Continued)

| Ref. No. | Part No. | Description          | No. Used |
|----------|----------|----------------------|----------|
| 28       | 36-3860  | Screw — Special      | 1        |
| 29       | 32112-11 | Pushnut              | 1        |
| 30       | 55-9520  | Roller — Brake       | 1        |
| 31       | 55-9570  | Pivot Plate Assembly | 1        |
| 32       | 60-9320  | Pulley — Rotor       | 1        |
| 33       | 321-30   | Screw — Hex. Hd.     | 1        |
| 34       | 3290-456 | Washer — Belleville  | 1        |
| 35       | 12-3270  | Screw — Self Tapping | 2        |
| 36       | 32105-15 | Screw — Hex. Hd.     | 7        |
| 37       | 32105-8  | Screw — Hex. Hd.     | 3        |
| 38       | 32149-2  | Nut — Keps           | 3        |
| 39       | 3229-11  | Screw — Carriage     | 3        |
| 40       | 55-8760  | Scraper              | 1        |
| 41       | 38-7820  | Bearing — Ball       | 2        |
| 42       | 3256-67  | Washer               | 2        |
| 43       | 52-7280  | Washer — Thrust      | 2        |

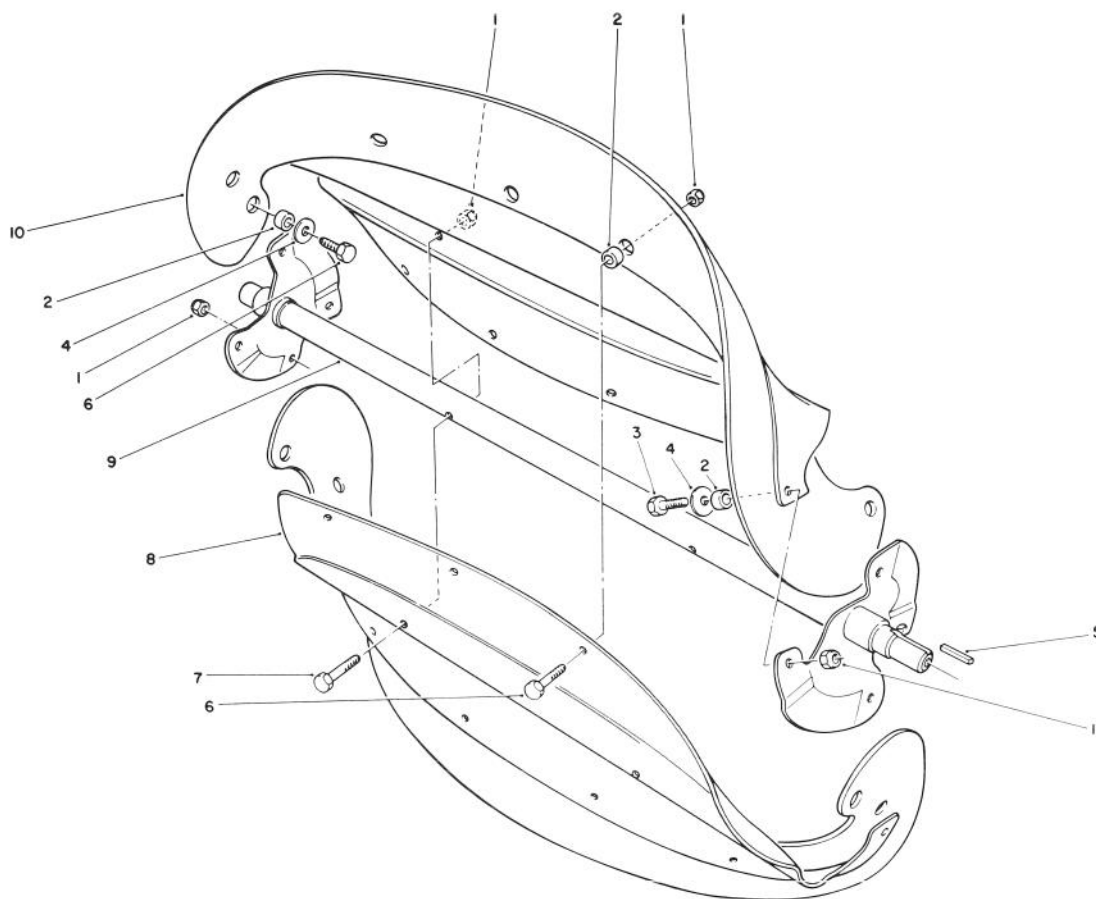
| Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------|----------|
| 44       | 38-8620  | Retainer — Bearing      | 1        |
| 45       | 3296-2   | Nut — Lock              | 3        |
| 46       | 32128-10 | Nut — Flange Lock       | 2        |
| 47       | 55-9511  | Cover — Bottom          | 1        |
| 48       | 55-9220  | Housing — Lower         | 1        |
| 49       | 52-9110  | Flange — Bearing        | 1        |
| 50       | 3234-25  | Screw — Hex. Flange Hd. | 1        |
| 51       | 52-7290  | Retainer — Bearing      | 1        |
| 52       | 3256-24  | Washer                  | 1        |
| 53       | 52-7270  | Washer — Rubber         | 1        |
| 54       | 55-8700  | Housing                 | 1        |
| 55       | 322-43   | Screw — Hex. Hd.        | 1        |
| 56       | 55-8840  | Sideplate — R.H.        | 1        |
| 57       | 38-8211  | Pin                     | 1        |
| 58       | 3245-41  | Screw — Set             | 1        |
| 59       | 60-9480  | Decal — Belt Routing    | 1        |



## DISCHARGE CHUTE ASSEMBLY

| Ref. No. | Part No. | Description                       | No. Used |
|----------|----------|-----------------------------------|----------|
| 1        | 55-9650  | Decal — Discharge Danger          | 1        |
| 2        | 55-8950  | Plate — Friction                  | 2        |
| 3        | 12-4749  | Chute — Discharge (Incl. Ref. #1) | 1        |
| 4        | 32149-1  | Nut — Keps                        | 3        |
| 5        | 3230-18  | Screw — Carriage                  | 3        |
| 6        | 55-8720  | Gear Ring — Chute                 | 1        |
| 7        | 321-4    | Screw — Hex Hd.                   | 6        |
| 8        | 55-8910  | Retainer — Chute Ring             | 2        |
| 9        | 55-8740  | Gear — Face                       | 1        |
| 10       | 55-8730  | Gear — Worm/Spur                  | 1        |
| 11       | 61-4610  | Bracket — Chute Gears             | 1        |
| 12       | 55-9150  | Shaft — Gear                      | 1        |
| 13       | 32112-11 | Pushnut                           | 2        |

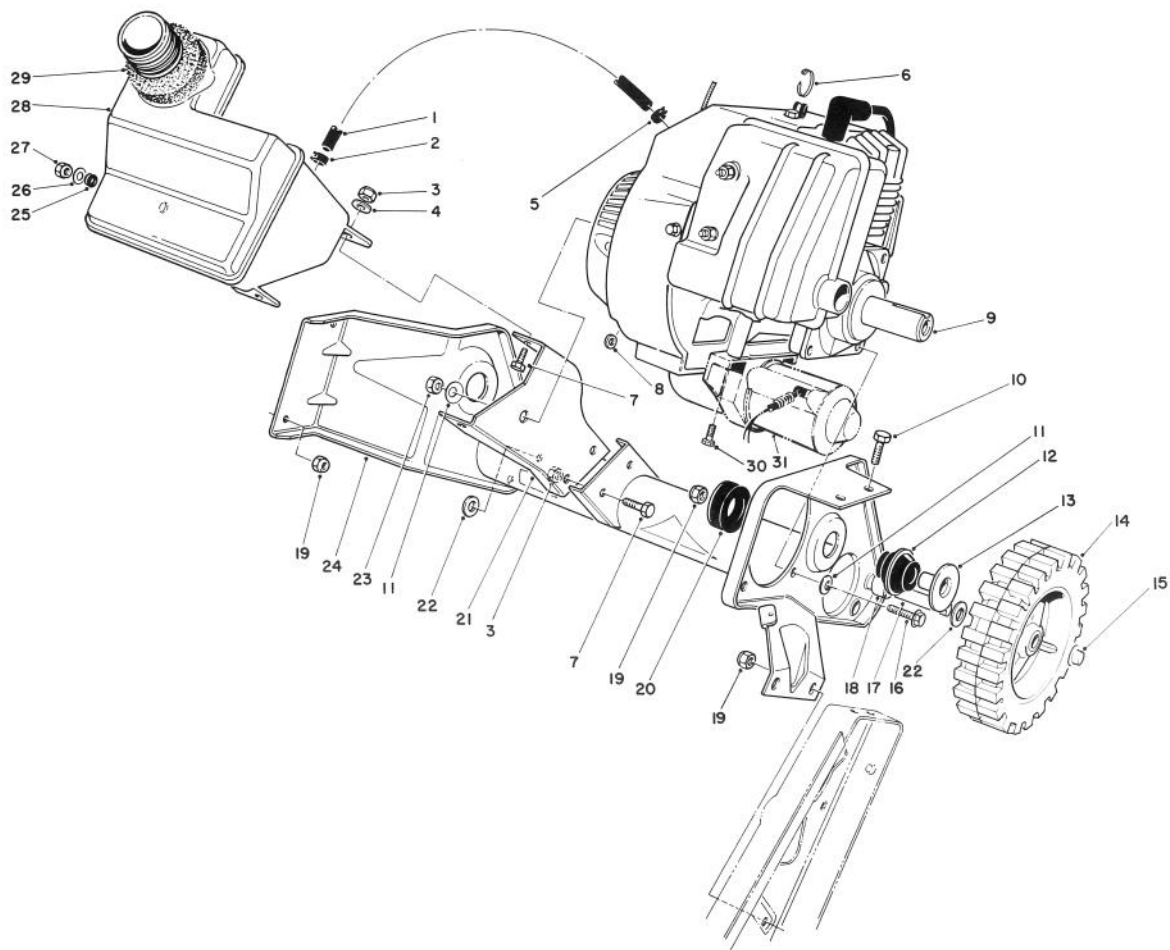
| Ref. No. | Part No. | Description          | No. Used |
|----------|----------|----------------------|----------|
| 14       | 3256-22  | Washer               | 6        |
| 15       | 3296-42  | Nut — Lock           | 8        |
| 16       | 55-9680  | Washer               | 2        |
| 17       | 46-8092  | Screw — Special      | 2        |
| 18       | 55-8750  | Spacer/Spur Gear     | 1        |
| 19       | 55-8920  | Ring — Chute Support | 1        |
| 20       | 20-4320  | Washer — Rubber      | 2        |
| 21       | 3230-22  | Bolt — Carriage      | 2        |
| 22       | 3296-29  | Nut — Lock           | 2        |
| 23       | 3290-340 | Washer — Belleville  | 2        |
| 24       | 3256-68  | Washer               | 2        |
| 25       | 56-2680  | Deflector            | 1        |
| 26       | 3229-11  | Capscrew             | 2        |
| 27       | 3256-23  | Washer               | 2        |
| 28       | 61-4630  | Cable Clamp          | 2        |



## ROTOR ASSEMBLY

| Ref. No. | Part No. | Description     | No. Used |
|----------|----------|-----------------|----------|
| 1        | 3296-56  | Nut — Lock      | 18       |
| 2        | 55-9370  | Spacer          | 16       |
| 3        | 321-5    | Screw — Hex Hd. | 4        |
| 4        | 3256-67  | Washer          | 8        |
| 5        | 10-8040  | Key — Square    | 1        |

| Ref. No. | Part No. | Description          | No. Used |
|----------|----------|----------------------|----------|
| 6        | 321-4    | Screw — Hex Hd.      | 12       |
| 7        | 321-8    | Screw — Hex. Hd.     | 2        |
| 8        | 55-8900  | Rotor Half           | 2        |
| 9        | 55-9200  | Rotor Shaft Assembly | 1        |
| 10       | 55-9250  | Blade — Rotor        | 2        |

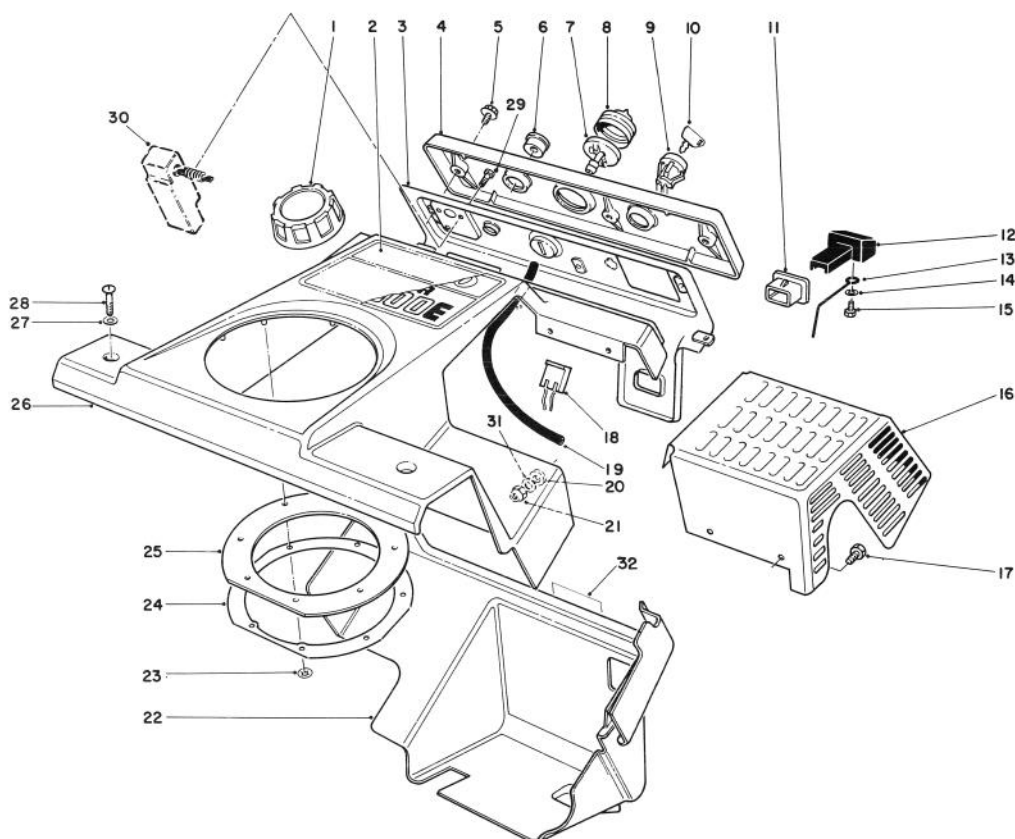


## ENGINE & MAIN FRAME ASSEMBLY

| Ref. No. | Part No. | Description         | No. Used |
|----------|----------|---------------------|----------|
| 1        | 49-2480  | Line — Fuel         | 1        |
| 2        | 2412-86  | Clamp — Fuel Line   | 1        |
| 3        | 3296-42  | Nut — Lock          | 4        |
| 4        | 3256-22  | Washer              | 2        |
| 5        | 2412-80  | Clamp — Fuel Line   | 1        |
| 6        | 250-4    | Cable Tie           | 1        |
| 7        | 321-4    | Screw — Hex Hd.     | 4        |
| 8        | 55-9620  | Spacer              | 1        |
| 9        | 62-6721  | Engine Assembly     | 1        |
| 10       | 322-3    | Screw — Hex Hd.     | 2        |
| 11       | 3290-456 | Washer — Belleville | 5        |
| 12       | 55-9460  | Mount — Rebound     | 2        |
| 13       | 55-9470  | Tube — Spacer       | 2        |
| 14       | 63-3660  | Wheel Assembly      | 2        |
| 15       | 3290-320 | Pushnut             | 2        |
| 16       | 81-0570  | Bolt — Engine Mount | 4        |

| Ref. No. | Part No. | Description                     | No. Used |
|----------|----------|---------------------------------|----------|
| 17       | 60-9300  | Shaft — Axle                    | 1        |
| 18       | 55-9630  | Spacer — Wheel                  | 1        |
| 19       | 3296-29  | Nut — Lock                      | 5        |
| 20       | 55-9450  | Mount — Load                    | 2        |
| 21       | 55-9070  | Support — Recoil                | 1        |
| 22       | 3256-24  | Washer                          | 2        |
| 23       | 81-0300  | Nut — Hex                       | 1        |
| 24       | 63-3650  | Frame Assembly                  | 1        |
| 25       | 237-89   | Grommet                         | 1        |
| 26       | 3256-23  | Washer                          | 1        |
| 27       | 32152-8  | Nut — Lock                      | 1        |
| 28       | 12-4669  | Tank — Fuel<br>(Incl. Ref. #25) | 1        |
| 29       | 55-9310  | Seal — Tank                     | 1        |
| 30       | 56-6380  | Screw, M8                       | 2        |
| 31*      |          | Starter Motor                   | 1        |

\*Note: See page 7

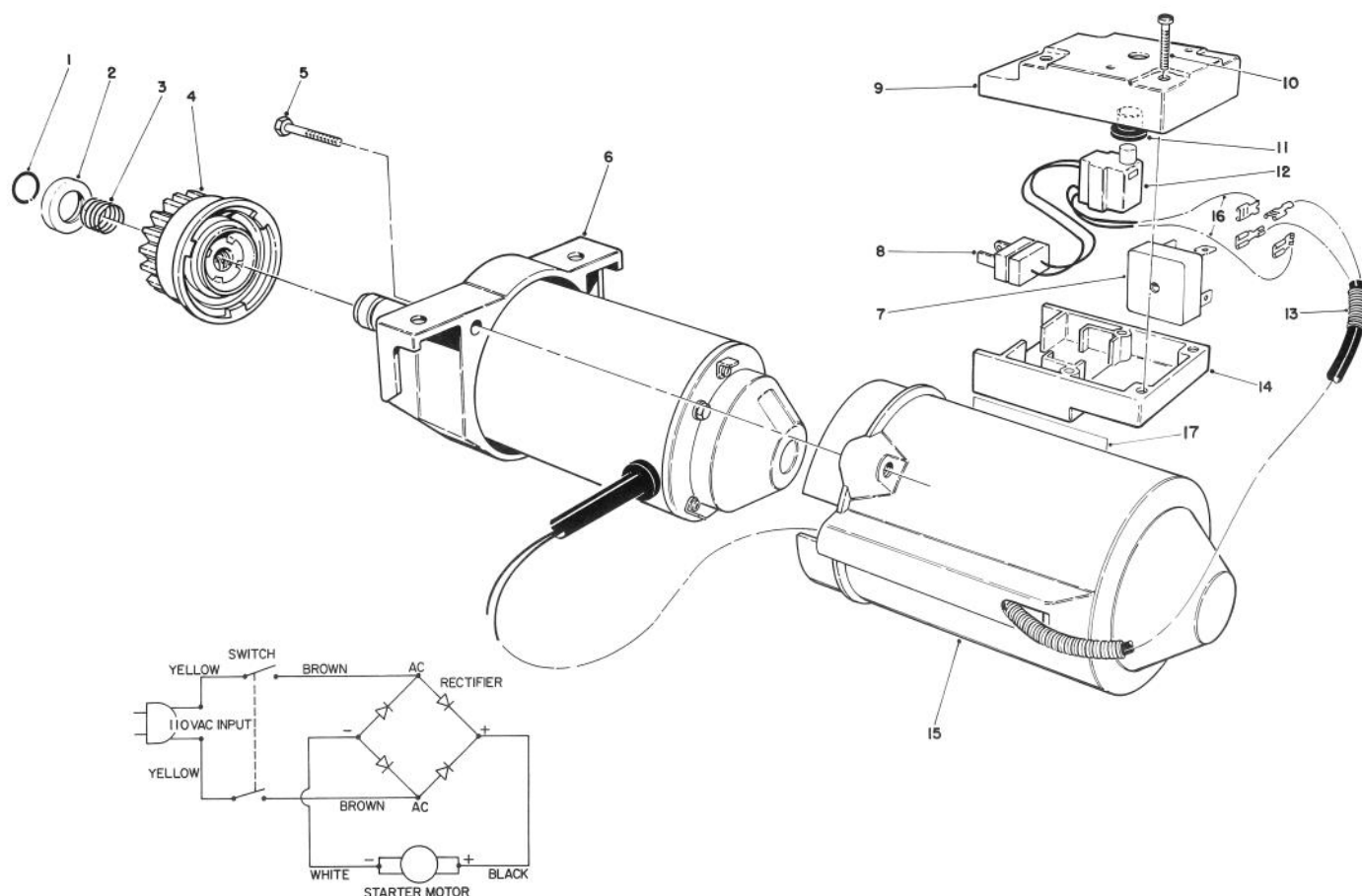


## CONTROL PANEL & SHROUDING ASSEMBLY

| Ref. No. | Part No. | Description                               | No. Used |
|----------|----------|-------------------------------------------|----------|
| 1        | 55-3573  | Gas Cap Assembly                          | 1        |
| 2        | 61-4420  | Decal — CCR-2000                          | 1        |
| 3        | 12-4659  | Panel — Control<br>(Incl. Ref. #6-8 & 11) | 1        |
| 4        | 61-4410  | Name Plate Control<br>(Model No. 38185)   | 1        |
| 4        | 61-4470  | Name Plate Control<br>(Model No. 38185C)  | 1        |
| 5        | 12-5450  | Screw — Hex Flange Hd.                    | 3        |
| 6        | 55-9410  | Guide — Starter Rope                      | 1        |
| 7        | 44-2750  | Body — Primer                             | 1        |
| 8        | 44-3100  | Bulb — Primer                             | 1        |
| 9        | 40-5940  | Switch — Key                              | 1        |
| 10       | 62-7770  | Key                                       | 1        |
| 11       | 55-8820  | Fitting — Choke Control                   | 1        |
| 12       | 55-8810  | Control — Choke<br>(Model No. 38185)      | 1        |
| 12       | 55-8811  | Control — Choke<br>(Model No. 38185C)     | 1        |
| 13       | 61-4650  | Linkage — Choke                           | 1        |

| Ref. No. | Part No.  | Description                                      | No. Used |
|----------|-----------|--------------------------------------------------|----------|
| 14       | 38-5710   | Washer                                           | 1        |
| 15       | 32104-130 | Screw — Hex Hd.                                  | 1        |
| 16       | 55-9210   | Shield — Heat                                    | 1        |
| 17       | 32105-8   | Screw — Hex Hd.                                  | 4        |
| 18       | 218-532   | Connector Body                                   | 1        |
| 19       | 44-3171   | Hose — Primer                                    | 1        |
| 20       | 55-9660   | Washer — Rubber                                  | 4        |
| 21       | 32153-1   | Nut — Lock                                       | 4        |
| 22       | 55-8791   | Shroud — Lower                                   | 1        |
| 23       | 3290-474  | Pushnut                                          | 8        |
| 24       | 55-9540   | Retainer — Chute Seal                            | 1        |
| 25       | 55-9260   | Seal — Chute                                     | 1        |
| 26       | 12-5949   | Upper Shroud Assembly<br>(Incl. Ref. #2 & 23-25) | 1        |
| 27       | 3256-22   | Washer                                           | 2        |
| 28       | 3250-32   | Screw — Phillips                                 | 2        |
| 29       | 32144-27  | Screw                                            | 3        |
| 30*      |           | Switch Assembly                                  | 1        |
| 31       | 3256-14   | Washer                                           | 4        |
| 32       | 61-4790   | Decal — Warning<br>(Model No. 38185C)            | 1        |

\*Note: See page 7

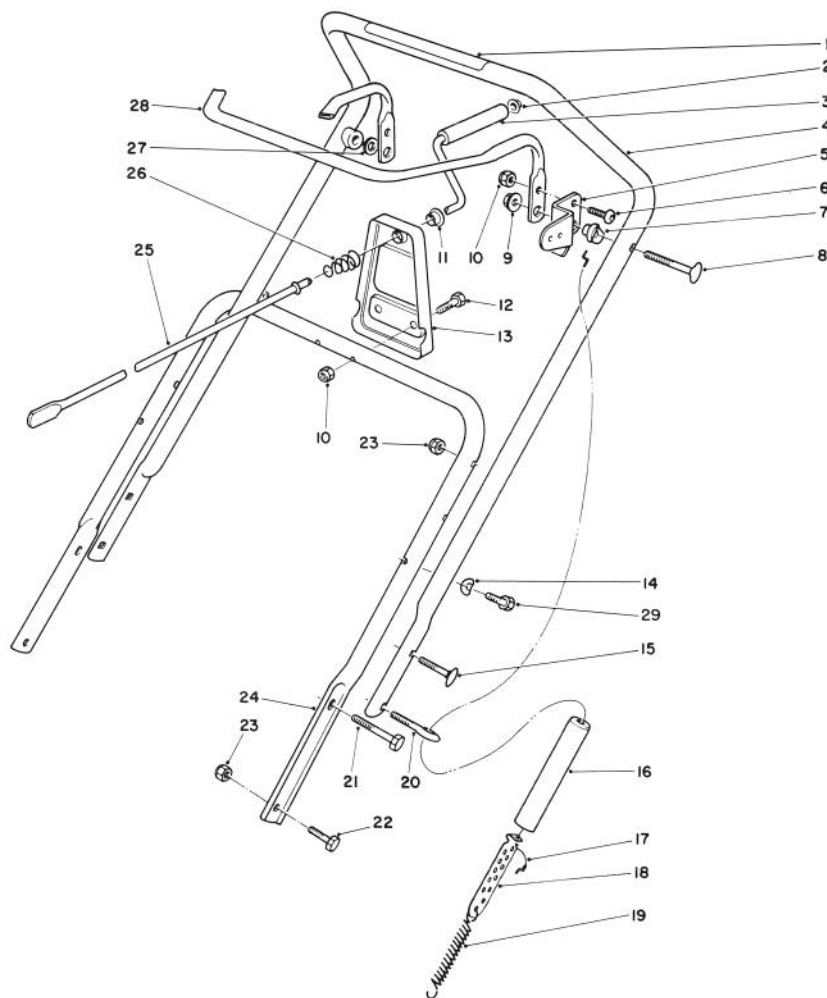


## STARTER MOTOR & SWITCH HOUSING ASSEMBLY

| Ref. No. | Part No. | Description                                                     | No. Used |
|----------|----------|-----------------------------------------------------------------|----------|
| 1        | 61-4680  | Retaining Ring                                                  | 1        |
| 2        | 61-4670  | Pinion Stop                                                     | 1        |
| 3        | 61-4690  | Spring                                                          | 1        |
| 4        | 61-4700  | Pinion Assembly                                                 | 1        |
| 5        | 61-4640  | Screw — Plastite                                                | 2        |
| 6        | 61-4600  | Starter Motor Assembly (Incl. Ref. #1-4)                        | 1        |
| 6        | 61-4601  | Starter Motor Assembly (Incl. Ref. #1-4) (Model No. 38185 only) | 1        |
| 7        | 37-7600  | Bridge Rectifier                                                | 1        |
| 8        | 36-8370  | Power Plug                                                      | 1        |
| 9        | 61-4840  | Cap — Switch Housing (Model No. 38185 only)                     | 1        |
| 9        | 66-1760  | Cap — Switch Housing (Model No. 38185C only)                    | 1        |

| Ref. No. | Part No. | Description                                   | No. Used |
|----------|----------|-----------------------------------------------|----------|
| 10       | 61-4830  | Screw — Plastite                              | 4        |
| 11       | 61-4810  | Boot — Switch                                 | 1        |
| 12       | 61-4820  | Starter Switch                                | 1        |
| 13       | 61-4860  | Cable Cover                                   | 1        |
| 14       | 61-4850  | Base — Switch Housing (Model No. 38185 only)  | 1        |
| 14       | 66-1750  | Base — Switch Housing (Model No. 38185C only) | 1        |
| 15       | 61-4620  | Cover — Starter Motor                         | 1        |
| 16       | 36-8360  | Wire — Switch to Rectifier                    | 2        |
| 17       | 61-4440  | Decal — UL (Model No. 38185)                  | 1        |
| 17       | 61-4460  | Decal — CSA (Model No. 38185C)                | 1        |
| *        | 28-9170  | 7 ft. Electrical Extension Cord               | 1        |

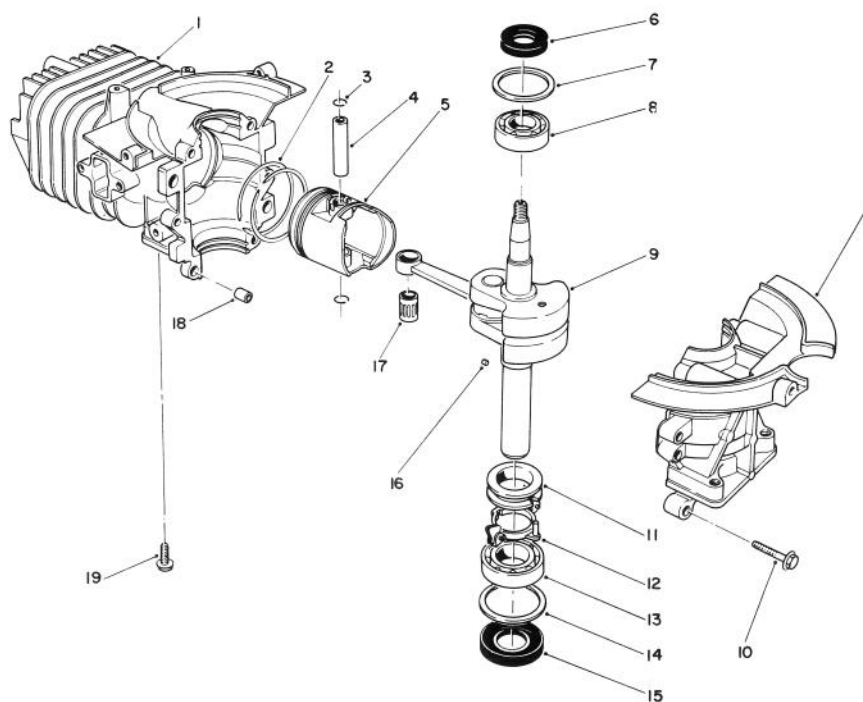
\*Not illustrated



## HANDLE ASSEMBLY

| Ref. No. | Part No. | Description                            | No. Used |
|----------|----------|----------------------------------------|----------|
| 1        | 61-4430  | Decal — Rotor Drive (Model No. 38185)  | 1        |
| 1        | 60-9470  | Decal — Rotor Drive (Model No. 38185C) | 1        |
| 2        | 3290-320 | Pushnut                                | 1        |
| 3        | 40-8230  | Grip — Crank Handle                    | 1        |
| 4        | 12-5939  | Upper Handle Assembly (Incl. Ref. #1)  | 1        |
| 5        | 55-9100  | Arm — Clutch Cable                     | 1        |
| 6        | 3274-31  | Screw — Button Hd.                     | 1        |
| 7        | 55-9340  | Spacer — Control Bar                   | 2        |
| 8        | 17-9420  | Screw — Handle                         | 2        |
| 9        | 3296-58  | Nut — Flange Lock                      | 2        |
| 10       | 3296-42  | Nut — Lock                             | 3        |
| 11       | 256-249  | Nyliner                                | 1        |
| 12       | 321-13   | Screw — Hex Hd.                        | 2        |
| 13       | 55-9090  | Support — Chute Crank                  | 1        |

| Ref. No. | Part No. | Description             | No. Used |
|----------|----------|-------------------------|----------|
| 14       | 3-7501   | Washer — Curved         | 2        |
| 15       | 17-9424  | Screw — Handle          | 3        |
| 16       | 55-9390  | Cover — Spring          | 1        |
| 17       | 55-9321  | Cable — Clutch          | 1        |
| 18       | 55-9380  | Adjuster — Clutch Cable | 1        |
| 19       | 55-9270  | Spring — Extension      | 1        |
| 20       | 55-9420  | Bolt — Eye              | 1        |
| 21       | 322-9    | Screw — Hex Hd.         | 2        |
| 22       | 322-3    | Screw — Hex Hd.         | 2        |
| 23       | 3296-29  | Nut — Lock              | 6        |
| 24       | 55-9120  | Handle — Lower          | 1        |
| 25       | 55-9140  | Rod — Chute Crank       | 1        |
| 26       | 55-9440  | Spring — Compression    | 1        |
| 27       | 55-9670  | Washer — Rubber         | 1        |
| 28       | 55-9130  | Bar — Control           | 1        |
| 29       | 61-8640  | Screw                   | 2        |

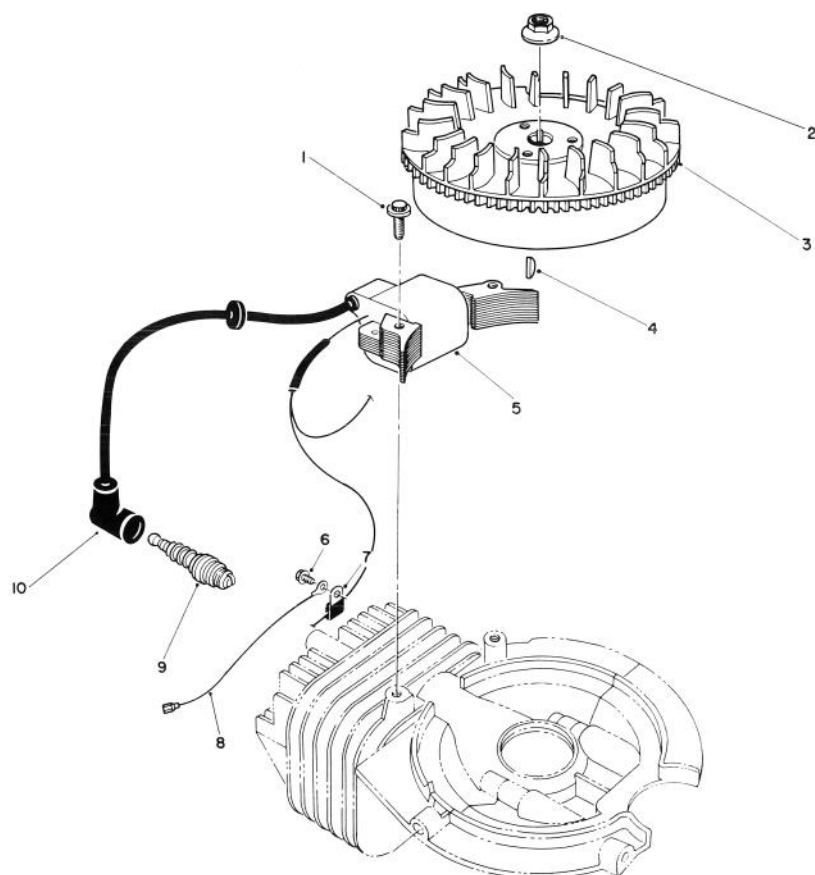


## SHORT BLOCK ASSEMBLY

| Ref. No. | Part No. | Description                  | No. Used |
|----------|----------|------------------------------|----------|
| 1        | 81-4590  | Cylinders/Crankcase Assembly | 1        |
| 2        | 81-0590  | Ring Set                     | 1        |
| 3        | 81-0620  | Circlip                      | 2        |
| 4        | 81-0600  | Pin — Wrist                  | 1        |
| 5        | 81-0580  | Piston                       | 1        |
| 6        | 81-0720  | Seal — Oil                   | 1        |
| 7        | 81-0710  | Washer — Thrust              | 1        |
| 8        | 81-0690  | Bearing — Upper              | 1        |
| 9        | 81-4600  | Crank Shaft                  | 1        |
| 10       | 81-0540  | Bolt                         | 5        |
| 11       | 81-0770  | Collar — Governor            | 1        |

| Ref. No. | Part No. | Description                       | No. Used |
|----------|----------|-----------------------------------|----------|
| 12       | 81-0750  | Centrifugal Bracket — Governor    | 1        |
| 13       | 81-0700  | Bearing — Lower                   | 1        |
| 14       | 81-0730  | Washer — Thrust                   | 1        |
| 15       | 81-0740  | Seal — Oil                        | 1        |
| 16       | 81-0760  | Pin — Governor                    | 1        |
| 17       | 81-0610  | Wrist Pin                         | 1        |
| 18       | 81-0520  | Dowel Pin — Crankcase             | 2        |
| 19       | 81-0570  | Bolt                              | 4        |
| *        | 12-5909  | Short Block<br>(Incl. Ref. #1-19) | 1        |

\* Not Illustrated

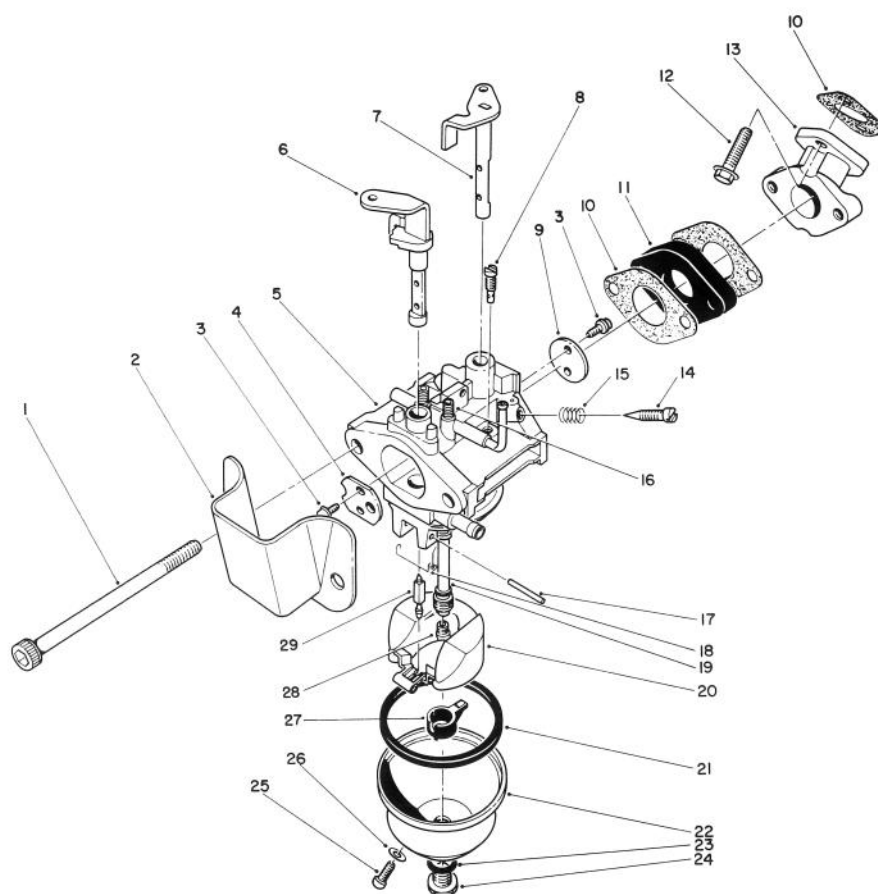


## FLYWHEEL & MAGNETO ASSEMBLY

| Ref. No. | Part No. | Description         | No. Used |
|----------|----------|---------------------|----------|
| 1        | 81-2750  | Socket Hd. Capscrew | 2        |
| 2        | 81-1330  | Hex Flange Nut      | 1        |
| 3        | 81-4620  | Flywheel            | 1        |
| 4        | 81-2370  | Woodruff Key        | 1        |
| 5        | 81-4630  | Coil — Magneto      | 1        |
| 6        | 53-1340  | Bolt                | 1        |

| Ref. No. | Part No. | Description        | No. Used |
|----------|----------|--------------------|----------|
| 7        | 81-1480  | Clamp              | 1        |
| 8        | 81-2860  | Wire — Ground      | 1        |
| 9        | 81-0181  | Spark Plug         | 1        |
| 10       | 81-1500  | Cover — Spark Plug | 1        |
| *        | 41-7650  | Puller — Flywheel  | 1        |

\*Not Illustrated

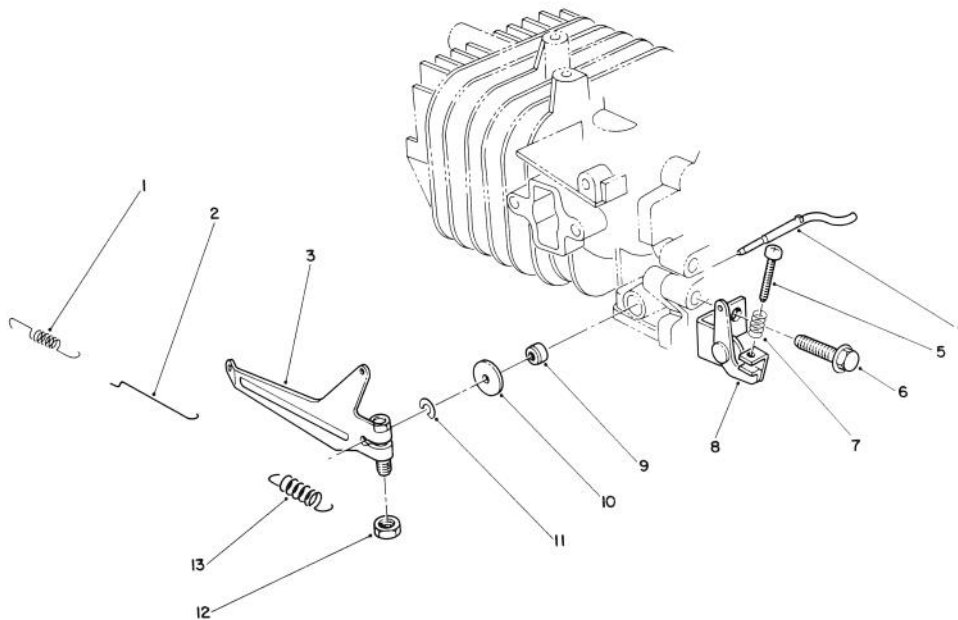


## CARBURETOR ASSEMBLY

| Ref. No. | Part No. | Description            | No. Used |
|----------|----------|------------------------|----------|
| 1        | 81-0450  | Screw                  | 2        |
| 2        | 81-2700  | Spitcup                | 1        |
| 3        | 81-2710  | Screw                  | 4        |
| 4        | 81-2720  | Valve — Choke          | 1        |
| 5        |          | Body — Carburetor      | 1        |
| 6        | 81-2910  | Shaft — Choke          | 1        |
| 7        | 81-2920  | Shaft — Throttle       | 1        |
| 8        | 81-2930  | Jet — Pilot            | 1        |
| 9        | 81-2940  | Valve — Throttle       | 1        |
| 10       | 81-2570  | Gasket — Carburetor    | 3        |
| 11       | 81-0460  | Insulator — Carburetor | 1        |
| 12       | 50-6350  | Bolt                   | 2        |
| 13       | 81-0470  | Manifold — Intake      | 1        |
| 14       | 50-2360  | Screw — Pilot          | 1        |
| 15       | 81-2580  | Spring — Pilot Screw   | 1        |
| 16       | 81-2590  | Spring — Choke Detent  | 2        |

| Ref. No. | Part No. | Description                  | No. Used |
|----------|----------|------------------------------|----------|
| 17       | 81-2600  | Pin — Hinge                  | 1        |
| 18       | 81-2610  | Spring — Torsion             | 1        |
| 19       | 81-2740  | Nozzle — Main                | 1        |
| 20       | 81-4920  | Float                        | 1        |
| 21       | 81-2630  | Gasket — Float Bowl          | 1        |
| 22       | 81-2640  | Bowl — Float                 | 1        |
| 23       | 81-2650  | Gasket — Bowl Screen         | 1        |
| 24       | 81-2660  | Screw — Float Bowl           | 1        |
| 25       | 81-2670  | Screw — Drain                | 1        |
| 26       | 81-2680  | Gasket — Drain Screw         | 1        |
| 27       | 81-4930  | Spacer-Float                 | 1        |
| 28       | 81-1040  | Jet — Main (#80)             | 1        |
| *        | 81-1940  | Jet — Main (#73.6)           | 1        |
| 29       | 81-4700  | Needle                       | 1        |
| *        | 81-4690  | Carburetor Assembly Complete | 1        |

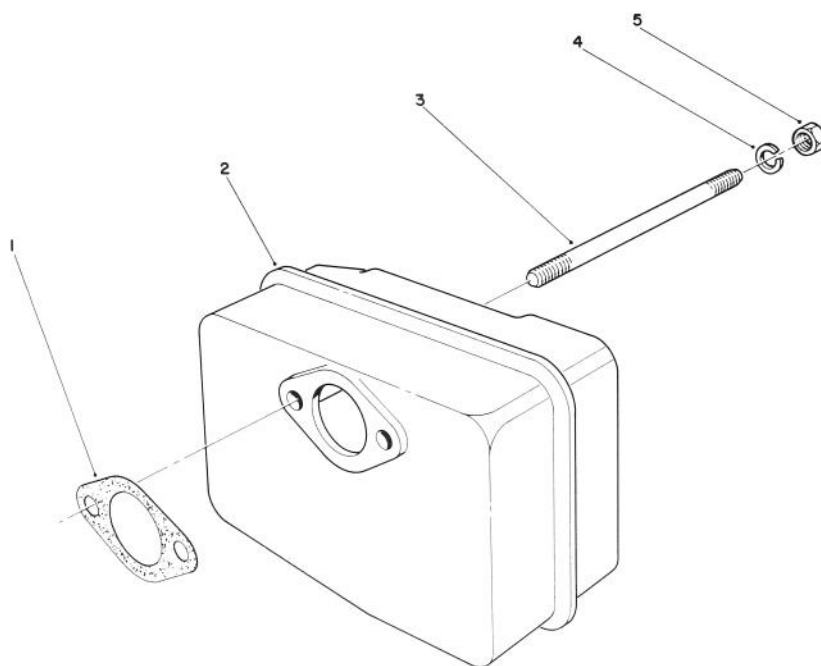
\* Not Illustrated



## GOVERNOR ASSEMBLY

| Ref. No. | Part No. | Description          | No. Used |
|----------|----------|----------------------|----------|
| 1        | 81-0440  | Spring — Carburetor  | 1        |
| 2        | 81-0430  | Rod — Carburetor     | 1        |
| 3        | 81-4650  | Arm — Governor       | 1        |
| 4        | 81-2880  | Shaft — Governor     | 1        |
| 5        | 81-2890  | Screw                | 1        |
| 6        | 81-0540  | Bolt                 | 1        |
| 7        | 81-2900  | Spring — Compression | 1        |

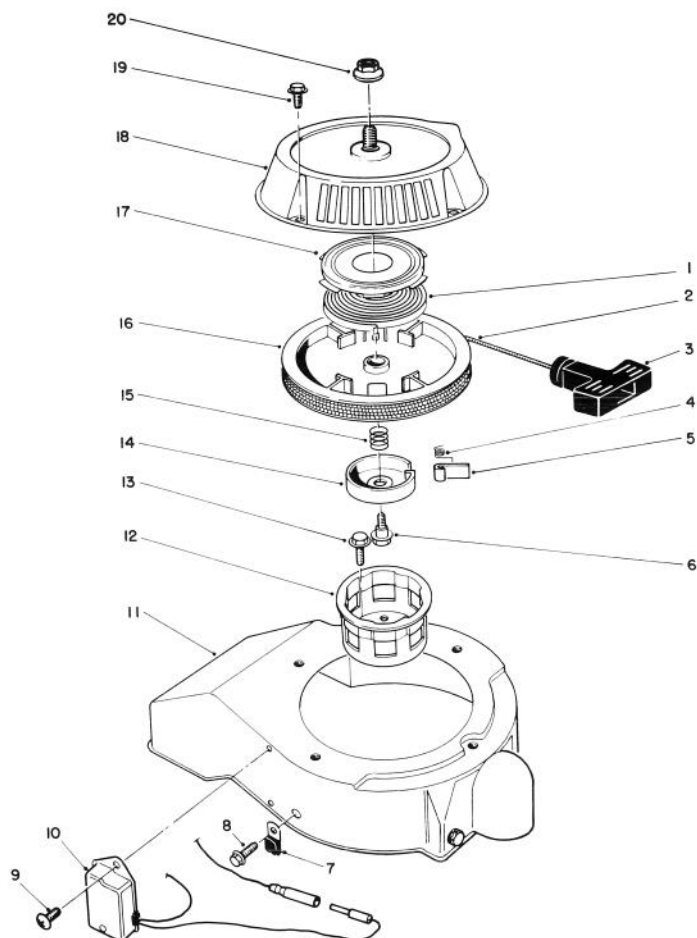
| Ref. No. | Part No. | Description        | No. Used |
|----------|----------|--------------------|----------|
| 8        | 81-0370  | Bracket — Governor | 1        |
| 9        | 81-0850  | Seal — Oil         | 1        |
| 10       | 81-0860  | Washer             | 1        |
| 11       | 81-0870  | E-Ring             | 1        |
| 12       | 81-0900  | Hex Nut            | 1        |
| 13       | 81-0360  | Spring — Governor  | 1        |



## MUFFLER ASSEMBLY

| Ref. No. | Part No. | Description      | No. Used |
|----------|----------|------------------|----------|
| 1        | 81-1080  | Gasket — Muffler | 1        |
| 2        | 81-0490  | Muffler          | 1        |
| 3        | 81-0500  | Stud — Muffler   | 2        |

| Ref. No. | Part No. | Description | No. Used |
|----------|----------|-------------|----------|
| 4        | 81-1120  | Lockwasher  | 2        |
| 5        | 81-1110  | Hex Nut     | 2        |



## RECOIL STARTER ASSEMBLY

| Ref. No. | Part No. | Description                         | No. Used |
|----------|----------|-------------------------------------|----------|
| 1        | 81-2300  | Spring — Recoil<br>(Incl. Ref. #17) | 1        |
| 2        | 81-1270  | Rope                                | 1        |
| 3        | 81-1630  | Handle — Recoil                     | 1        |
| 4        | 81-1220  | Spring — Dog                        | 1        |
| 5        | 81-1230  | Dog — Starter                       | 1        |
| 6        | 81-1260  | Bolt                                | 1        |
| 7        | 81-1480  | Clamp-Magneto Wire                  | 1        |
| 8        | 53-1340  | Bolt                                | 3        |
| 9        | 81-4660  | Screw                               | 2        |
| 10       | 81-4640  | Xstar Module — Magneto              | 1        |
| 11       | 81-4610  | Shroud — Blower                     | 1        |

| Ref. No. | Part No. | Description                                   | No. Used |
|----------|----------|-----------------------------------------------|----------|
| 12       | 81-1290  | Cup — Starter                                 | 1        |
| 13       | 81-1300  | Bolt                                          | 3        |
| 14       | 81-1250  | Retainer — Dog                                | 1        |
| 15       | 81-1240  | Spring — Compression                          | 1        |
| 16       | 81-1210  | Reel — Rope Pulley                            | 1        |
| 17       |          | Retainer — Recoil Spring                      | 1        |
| 18       | 81-0290  | Case — Recoil                                 | 1        |
| 19       | 81-0390  | Bolt                                          | 4        |
| 20       | 81-0300  | Flange Locknut                                | 1        |
| *        | 81-0280  | Starter Assembly<br>(Incl. Ref. #1-6 & 14-18) | 1        |

\*Not illustrated

# IDENTIFICATION AND ORDERING

## MODEL AND SERIAL NUMBERS

The Snowthrower has two identification numbers: a model number and a serial number. The two numbers are stamped on a decal which is located on back of the mainframe assembly. In any correspondence concerning the Snowthrower, supply model and serial numbers to assure that correct information and replacement parts are obtained.

To order replacement parts from an Authorized TORO Service Dealer, supply the following information:

1. Model and serial numbers of the Snowthrower.
2. Part number, description, and quantity of part(s) desired.

**Note:** Do not order by reference number if a parts catalog is being used: use the PART NUMBER.

## The Toro Promise

*A Two Year Limited Warranty  
On All  
Gasoline Powered Consumer Products*

*The Toro Company promises to repair any TORO Product if defective in materials or workmanship. The following time periods from the date of purchase apply:*

Residential Product . . . . . 2 Year  
Residential Products Used Commercially . . . 45 Days

*The costs of parts and labor are included, but the customer pays the transportation costs. Just return any residential product to an Authorized TORO Service Dealer or TORO Distributor.*

Should you feel your TORO Product is defective and wish to rely on The Toro Promise, the following procedure is recommended:

1. Contact any Authorized TORO Service Dealer, TORO Master Service Dealer, or TORO Distributor (the Yellow Pages of your telephone directory is a good reference source).
2. He will either instruct you to return the product to him or recommend another Authorized TORO Service outlet which might be more convenient.
3. Bring the product along with your original sales slip, or other evidence of purchase date, to the service dealer.
4. The servicing dealer will inspect the unit, advise you whether the product is defective and, if so, make all repairs necessary to correct the defect without extra charge to you.

If for any reason you are dissatisfied with the dealer's analysis of the defect or the service performed, you may contact us.

Write:

TORO Consumer Service Department  
8111 Lyndale Avenue South  
Minneapolis, Minnesota 55420

The above remedy of product defects through repair by an Authorized TORO Service Dealer is the purchaser's sole remedy for any defect.

**THERE IS NO OTHER EXPRESS WARRANTY. ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND**

**FITNESS FOR USE ARE LIMITED TO THE DURATION OF THE EXPRESS WARRANTY.**

Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

This warranty applies only to parts or components which are defective and does not cover repairs necessary due to normal wear, misuse, accidents, or lack of proper maintenance. Regular, routine maintenance of the unit to keep it in proper operating condition is the responsibility of the owner.

All warranty repairs reimbursable under The Toro Promise must be performed by an Authorized TORO Service Dealer using Toro approved replacement parts.

Repairs or attempted repairs by anyone other than an Authorized TORO Service Account are not reimbursable under The Toro Promise. In addition, these unauthorized repair attempts may result in additional malfunctions, the correction of which is not covered by warranty.

**THE TORO COMPANY IS NOT LIABLE FOR INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH THE USE OF THE PRODUCT INCLUDING ANY COST OR EXPENSE OF PROVIDING SUBSTITUTE EQUIPMENT OR SERVICE DURING PERIODS OF MALFUNCTION OR NON-USE.**

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

## COUNTRIES OTHER THAN THE UNITED STATES OR CANADA

Customers who have purchased TORO products exported from the United States or Canada should contact their TORO Distributor (Dealer) to obtain guarantee policies for your country, province or state. If for any reason

you are dissatisfied with your Distributor's service or have difficulty obtaining guarantee information, contact the TORO importer. If all other remedies fail, you may contact us at The Toro Company.

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