



# 17-44HXL Indy Special Edition

## Wheel Horse® Lawn Tractor

Model No. 71233-210000001 and Up

### Parts Catalog

---

#### Ordering Replacement Parts

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

#### Understanding Reference Numbers

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

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

#### Service Assembly Reference Numbers

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

For example, a wheel assembly might be identified by reference number **6**, the tire by **6:1**, the valve by **6:2**, and the wheel by **6:3**. When you order the assembly identified by reference number **6**, you receive all parts identified by reference numbers **6:1**, **6:2**, and **6:3**. However, you may also order any part individually.

Reference numbers of this type appear in illustrations and in part lists.

#### Reference Numbers Indicating Quantity

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

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

## Contents

| Description                                                              | Page |
|--------------------------------------------------------------------------|------|
| Frame and Body Assembly .....                                            | 3    |
| Hood and Tower Assembly .....                                            | 4    |
| Rear Body and Seat Assembly .....                                        | 5    |
| Steering Assembly .....                                                  | 6    |
| Steering Assembly .....                                                  | 7    |
| Engine System Assembly .....                                             | 8    |
| Traction Brake Assembly .....                                            | 9    |
| Wheel and Tire Assembly .....                                            | 10   |
| Hydro Transaxle Assembly .....                                           | 11   |
| Hydro Transaxle Controls and NMIR Assembly .                             | 12   |
| Height of Cut Assembly .....                                             | 13   |
| Electrical Assembly .....                                                | 14   |
| Electrical Schematic .....                                               | 15   |
| Housing and Bearing Assembly .....                                       | 16   |
| Gear Assembly .....                                                      | 17   |
| Axle Assembly .....                                                      | 18   |
| Cylinder Assembly Briggs and Stratton Model<br>312777–0128–E1 .....      | 19   |
| Cylinder Head Assembly Briggs and Stratton Model<br>312777–0128–E1 ..... | 20   |

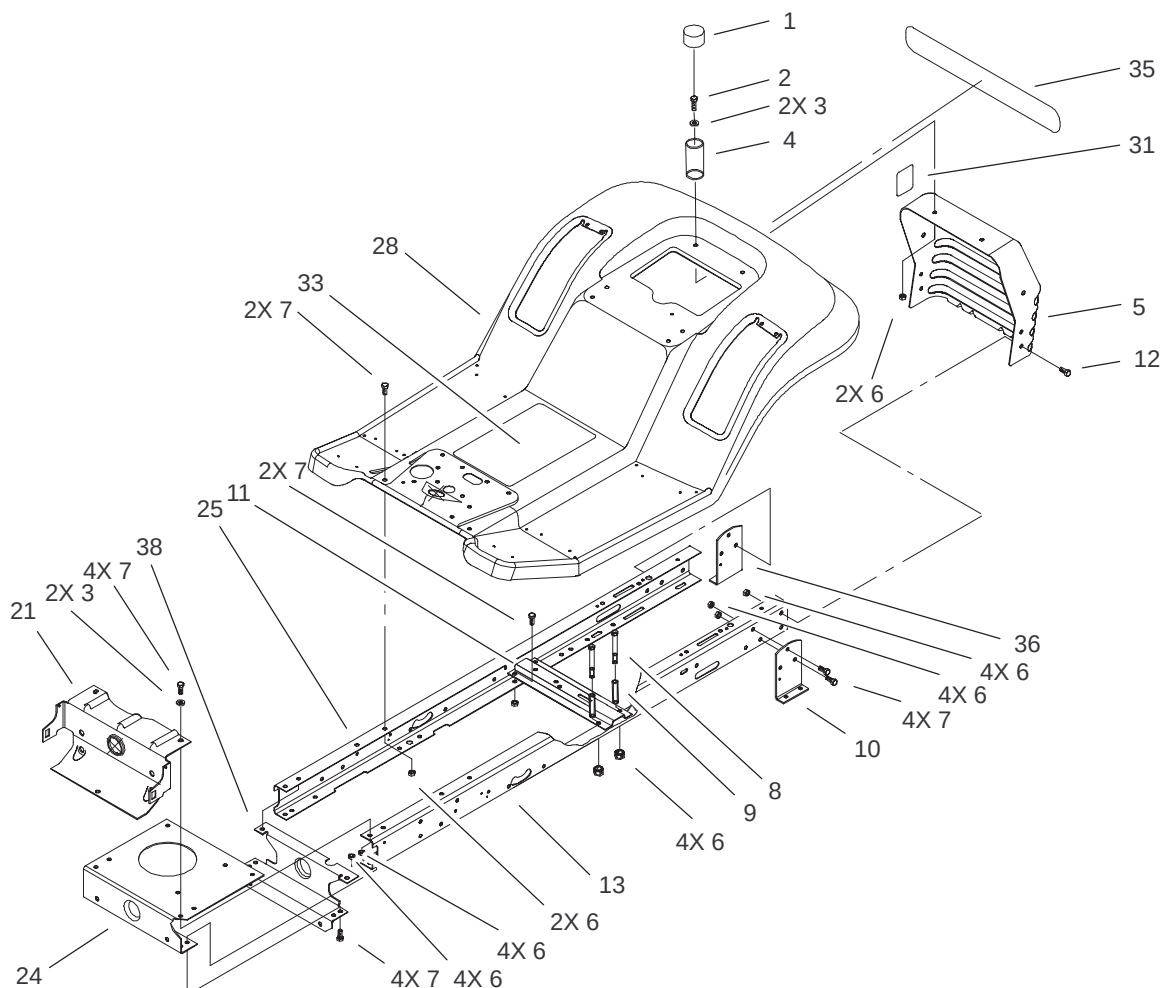
| Description                                                                           | Page  |
|---------------------------------------------------------------------------------------|-------|
| Crankcase Assembly Briggs and Stratton Model<br>312777–0128–E1 .....                  | 21    |
| Carburetor Assembly Briggs and Stratton Model<br>312777–0128–E1 .....                 | 22    |
| Governor Assembly Briggs and Stratton Model<br>312777–0128–E1 .....                   | 23    |
| Oil Filter, Tube, and Pump Assembly Briggs and<br>Stratton Model 312777–0128–E1 ..... | 24    |
| Air Cleaner Assembly Briggs and Stratton Model<br>312777–0128–E1 .....                | 25    |
| Blower Housing Assembly Briggs and Stratton<br>Model 312777–0128–E1 .....             | 26    |
| Starter Assembly Briggs and Stratton Model<br>312777–0128–E1 .....                    | 27    |
| Carburetor Overhaul Kit Assembly Briggs and<br>Stratton Model 312777–0128–E1 .....    | 28    |
| Maintenance .....                                                                     | 29–31 |

## Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

| Abbreviation | Meaning                           |
|--------------|-----------------------------------|
| AR .....     | as required                       |
| ASM .....    | assembly                          |
| CARR .....   | carriage                          |
| DEG .....    | degrees                           |
| FH .....     | flat head                         |
| GA .....     | gauge                             |
| HF .....     | hex flange                        |
| HH .....     | hex head                          |
| HHF .....    | hex head flange                   |
| HLH .....    | hex lag head                      |
| HJ .....     | hex jam                           |
| HOC .....    | height-of-cut                     |
| HS .....     | hex socket                        |
| HSBH .....   | hex socket button head            |
| HSFH .....   | hex socket flat head              |
| HSH .....    | hex socket head                   |
| HWH .....    | hex washer head                   |
| HWHTF .....  | hex washer head<br>thread forming |

| Abbreviation | Meaning                 |
|--------------|-------------------------|
| INC .....    | incorporated            |
| LH .....     | left hand               |
| NI .....     | nylon insert            |
| PPH .....    | Phillips pan head       |
| PTH .....    | Phillips truss head     |
| PTO .....    | power take off          |
| RH .....     | right hand              |
| SFH .....    | slotted fillister head  |
| SHH .....    | slotted hex head        |
| SQH .....    | square head             |
| SHWH .....   | slotted hex washer head |
| SPH .....    | slotted pan head        |
| SRH .....    | slotted round head      |
| STD .....    | standard                |
| TAP .....    | self tapping            |
| TTH .....    | Torx truss head         |
| WH .....     | wing head               |

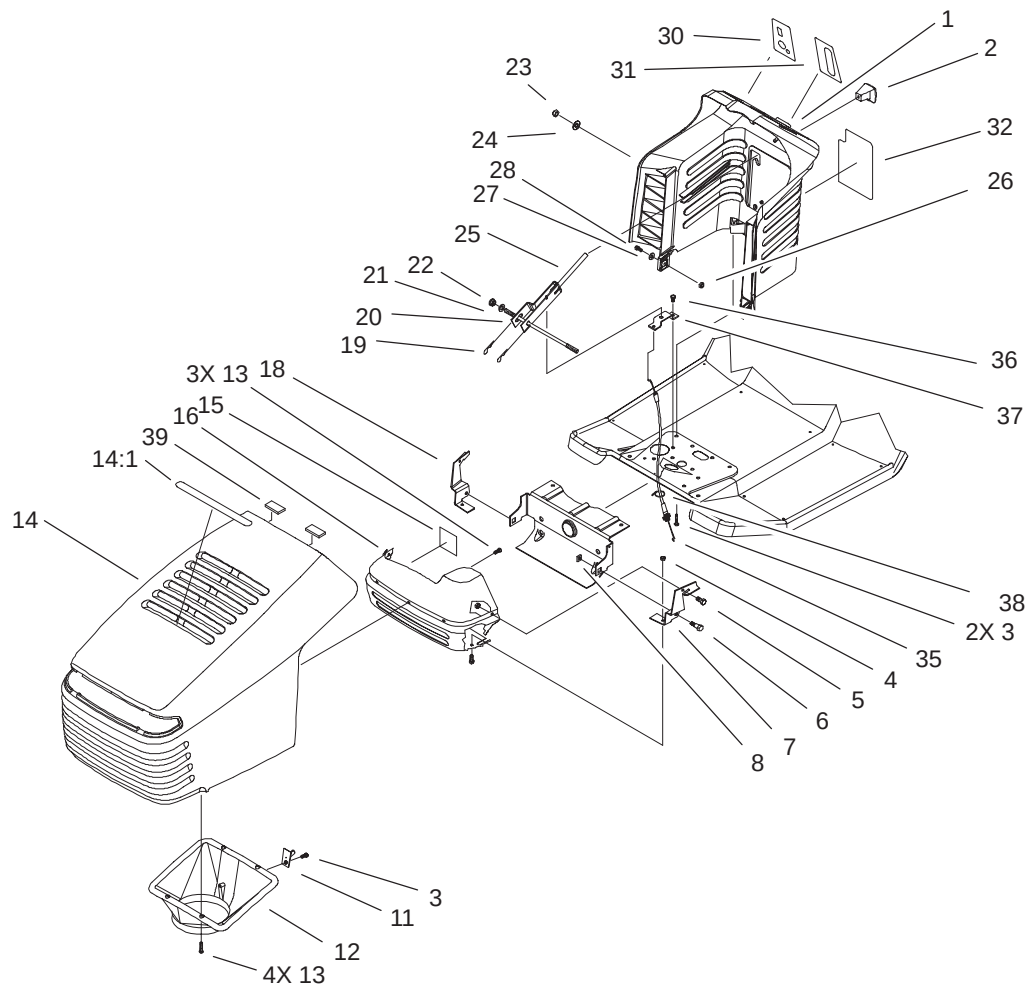


Sheet No.:2

## Frame and Body Assembly

| Ref. No. | Part No.   | Qty. | Description                  |
|----------|------------|------|------------------------------|
| 1        | 701178     | 2    | Cap–Protector                |
| 2        | 322–5      | 2    | Screw–HH                     |
| 3        | 3256–23    | 4    | Washer–Flat                  |
| 4        | 88–6220    | 2    | Spring – Compression         |
| 5        | 99–2957–03 | 1    | Panel–Rear Hitch             |
| 6        | 3296–29    | 24   | Nut–Lock NI                  |
| 7        | 322–3      | 16   | Screw–HH                     |
| 8        | 322–13     | 2    | Screw–HH                     |
| 9        | 88–5470    | 2    | Spacer–Front Axle            |
| 10       | 93–3857–03 | 1    | Bracket–LH Trans<br>Mounting |
| 11       | 88–4620–03 | 1    | Bracket–Idler Pivot          |
| 12       | 94–7817    | 4    | Bolt – Shoulder              |
| 13       | 99–2958–03 | 1    | Rail– LH Frame               |
| 21       | 98–3576–03 | 1    | Support–Front Axle           |
| 24       | 88–4630–03 | 1    | Plate–Eng Mtg                |
| 25       | 99–2959–03 | 1    | Rail– RH Frame               |
| 28       | 99–2971    | 1    | Rear Body ASM                |
| 31       | 100–7449   | 1    | Decal–Dump Valve             |
| 33       | 99–6095    | 1    | Decal – Instruction<br>Hydro |
| 35       | 95–0809    | 1    | Decal–Rear Body              |
| 36       | 93–3856–03 | 1    | Bracket–RH Trans<br>Mounting |
| 38       | 93–3831–03 | 1    | Support – Rear               |

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

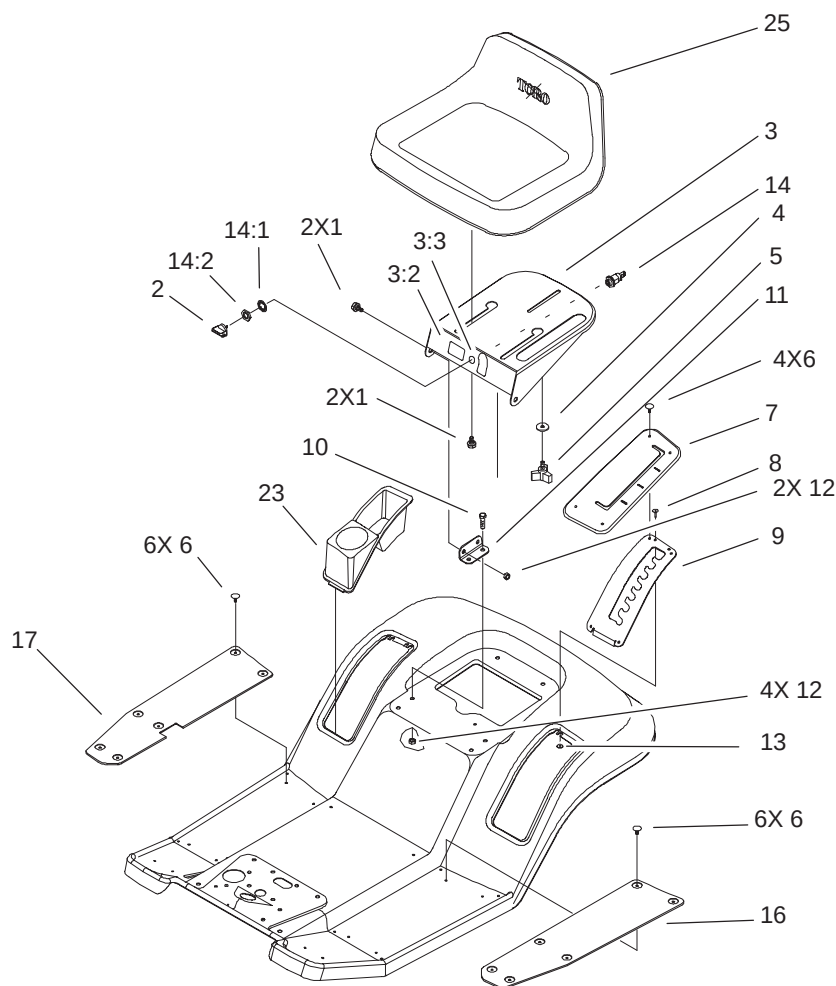


Sheet No.:3

## Hood and Tower Assembly

| Ref. No. | Part No.   | Qty. | Description         |
|----------|------------|------|---------------------|
| 1        | 99-1947    | 1    | Tower-Steering      |
| 2        | 94-5565    | 1    | Knob - Shift        |
| 3        | 46-8091    | 3    | Screw-HWH           |
| 4        | 3296-42    | 4    | Nut-Lock, NI        |
| 5        | 321-2      | 4    | Screw-HH            |
| 6        | 28-0540    | 2    | Bolt-Shoulder       |
| 7        | 88-6050-03 | 1    | Bracket-LH Hinge    |
| 8        | 3290-496   | 2    | Nut-Retainer        |
| 11       | 94-1984    | 1    | Latch - Pin         |
| 12       | 93-3891    | 1    | Duct - Hood Air     |
| 13       | 46-8090    | 7    | Screw-Plastite      |
| 14       | 92-8650    | 1    | Hood-V-Chassis      |
| 14:1     | 92-5748    | 1    | Decal-Air Duct Toro |
| 15       | 92-5782    | 3    | Tape-Foil           |
| 16       | 93-3864-03 | 1    | Shield - Heat       |
| 18       | 88-6040-03 | 1    | Bracket-RH Hinge    |
| 19       | 3290-307   | 2    | Pin-Hair            |
| 20       | 100-7401   | 1    | Rod-Tower Pivot     |
| 21       | 3256-24    | 2    | Washer-Flat         |
| 22       | 3218-3     | 2    | Nut-Jam             |
| 23       | 100-7402   | 2    | Nut-Cap             |
| 24       | 100-7403   | 2    | Washer-Flat         |
| 25       | 88-5190-03 | 1    | Lever-Deck Engage   |
| 26       | 3296-29    | 2    | Nut-Lock NI         |
| 27       | 3256-23    | 2    | Washer-Flat         |

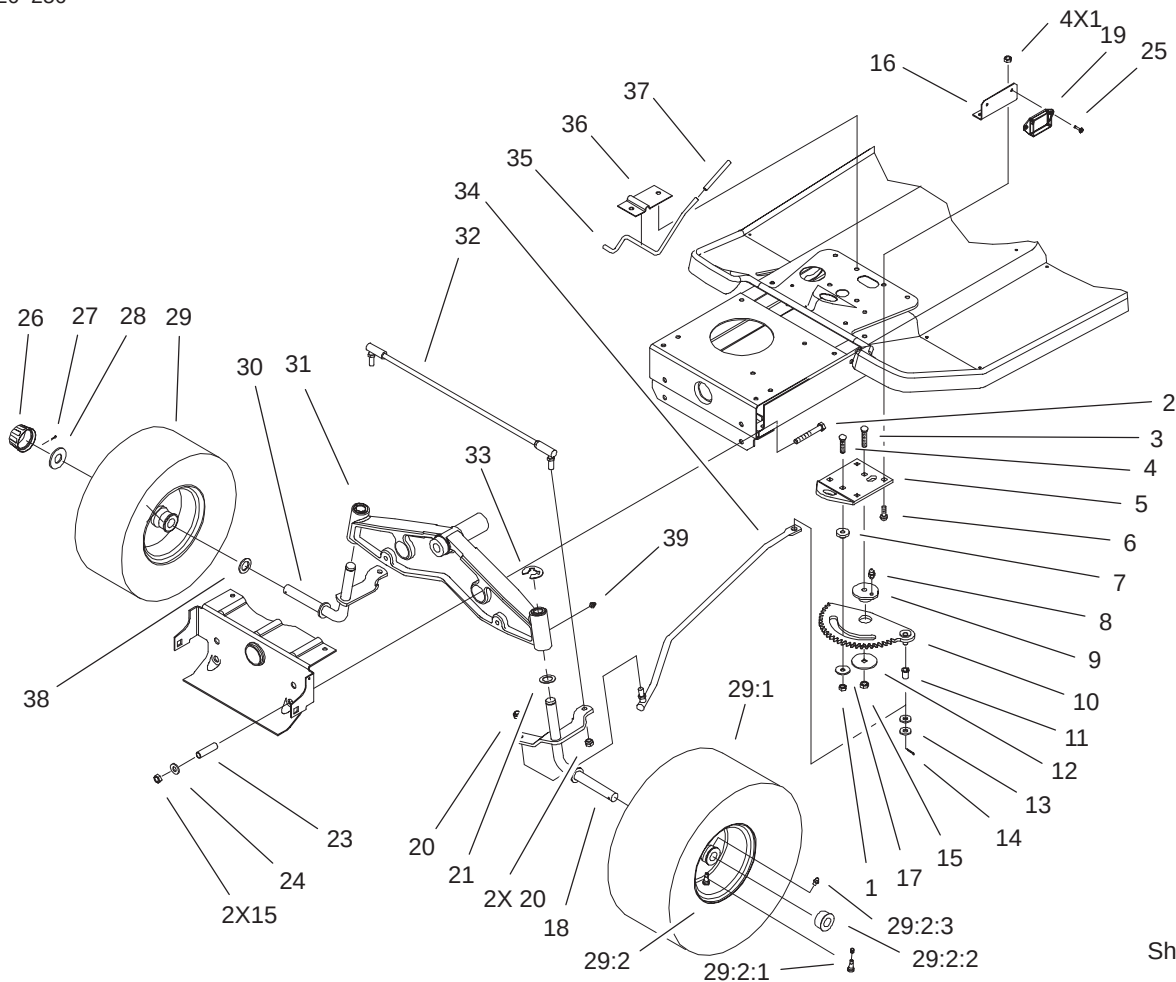
| Ref. No. | Part No. | Qty. | Description           |
|----------|----------|------|-----------------------|
| 28       | 322-3    | 2    | Screw-HH              |
| 30       | 99-8139  | 1    | Decal-Ignition/Lights |
| 31       | 92-2461  | 1    | Decal - Throttle      |
| 32       | 92-2462  | 1    | Decal - Deck Engage   |
| 35       | 99-6838  | 1    | 44 Inch Deck Cable    |
|          |          |      | ASM                   |
| 36       | 9266714  | 2    | Screw-HWH             |
| 37       | 93-3849  | 1    | Brkt-Upper Cable      |
| 38       | 614249   | 1    | Tie-Strap             |
| 39       | 94-1980  | 2    | Foam - Hood           |



Sheet No.:4

## Rear Body and Seat Assembly

| Ref. No. | Part No.   | Qty. | Description           |
|----------|------------|------|-----------------------|
| 1        | 37-8770    | 4    | Bolt-Shoulder         |
| 2        | 63-8360    | 1    | Key-Ignition          |
| 3        | 99-5830    | 1    | Seat Support ASM      |
| 3:2      | 99-2985    | 1    | Decal-Danger          |
| 3:3      | 99-5339    | 1    | Decal                 |
| 4        | 5-4460     | 1    | Washer-Pivot          |
| 5        | 92-9674    | 1    | Knob                  |
| 6        | 3290-479   | 16   | Fastener-Panel        |
| 7        | 88-5170    | 1    | Cover - HOC           |
| 8        | 3290-282   | 2    | Rivet-Pop, Steel      |
| 9        | 88-5030-03 | 1    | Gate-HOC              |
| 10       | 322-3      | 4    | Screw-HH              |
| 11       | 88-4820-03 | 2    | Bracket-Seat Hinge    |
| 12       | 3296-29    | 6    | Nut-Lock NI           |
| 13       | 3269-26    | 2    | Washer-Flat           |
| 14       | 46-5780    | 1    | Switch-Starter        |
| 14:1     | 3254-5     | 1    | Washer-Lock, Internal |
| 14:2     | 218-461    | 1    | Nut-HH                |
| 16       | 88-5240    | 1    | Mat-LH Foot           |
| 17       | 88-5230    | 1    | Mat-RH Foot Hydro     |
| 23       | 88-4990    | 1    | Tray - Fender         |
| 25       | 92-6511    | 1    | Seat-V-511            |



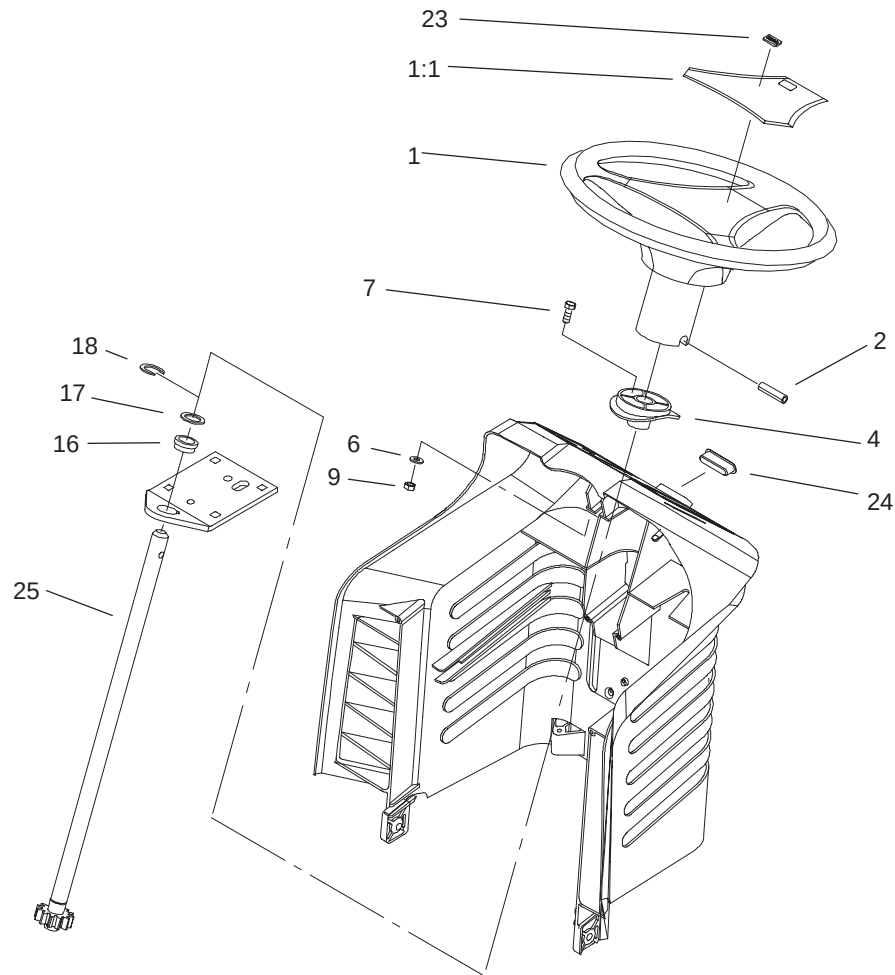
Sheet No.:5

## Steering Assembly

| Ref. No. | Part No.   | Qty. | Description            |
|----------|------------|------|------------------------|
| 1        | 3296-29    | 5    | Nut-Lock NI            |
| 2        | 323-13     | 2    | Screw-HH               |
| 3        | 3231-4     | 1    | Screw-CARR             |
| 4        | 3230-3     | 1    | Screw-CARR             |
| 5        | 88-5130-03 | 1    | Bracket-Steering Rack  |
| 6        | 3230-2     | 4    | Screw-CARR             |
| 7        | 88-5010    | 1    | Spacer - Steering Rack |
| 8        | 302-26     | 1    | Zerk                   |
| 9        | 88-4670    | 1    | Bushing - Eccentric    |
| 10       | 88-5200    | 1    | Rack-Steering          |
| 11       | 52-2891    | 1    | Bushing-Link, Steering |
| 12       | 111419     | 1    | Bearing-Washer         |
| 13       | 3256-25    | 2    | Washer-Flat            |
| 14       | 3272-10    | 1    | Pin-Cotter             |
| 15       | 3296-39    | 3    | Nut-Lock, NI           |
| 16       | 99-2956-03 | 1    | Bracket-Module         |
| 17       | 5-4460     | 1    | Washer-Pivot           |
| 18       | 93-3833-03 | 1    | Spindle-LH             |
| 19       | 99-3700    | 1    | Module-Nmir            |
| 20       | 3296-5     | 3    | Nut-Lock NI            |
| 21       | 3-6498     | 2    | Washer-Thrust          |
| 23       | 88-5470    | 2    | Spacer-Front Axle      |
| 24       | 3256-24    | 2    | Washer-Flat            |

| Ref. No. | Part No.   | Qty. | Description              |
|----------|------------|------|--------------------------|
| 25       | 9266714    | 2    | Screw-HWH                |
| 26       | 61-9780    | 2    | Cap-Hub                  |
| 27       | 3272-12    | 2    | Pin-Cotter               |
| 28       | 28-2480    | 2    | Washer                   |
| ☆29      |            | 2    | Front Wheel And Tire ASM |
| 29:1     | 99-2988    | 1    | Tire                     |
| 29:2     | 88-4370    | 1    | 15 Inch Rim ASM          |
| 29:2:1   | 232-27     | 1    | Stem-Valve               |
| 29:2:2   | 88-4400    | 2    | Bearing - Wheel          |
| 29:2:3   | 302-5      | 1    | Fitting-Grease           |
| *        | 232-39     | 1    | Tube                     |
| 30       | 92-7889-03 | 1    | Spindle-RH               |
| 31       | 99-2955-03 | 1    | Axle-Front               |
| 32       | 93-3873    | 1    | Tie Rod ASM              |
| 33       | 32151-48   | 2    | E-Ring                   |
| 34       | 93-3840    | 1    | Link-Drag                |
| 35       | 88-5510    | 1    | Rod-Parking Brake        |
| 36       | 88-5520-03 | 1    | Bracket-Parking Brake    |
| 37       | 88-0890    | 1    | Grip-Bag Handle          |
| 38       | 3-6498     | 4    | Washer-Thrust            |
| 39       | 302-5      | 2    | Fitting-Grease           |

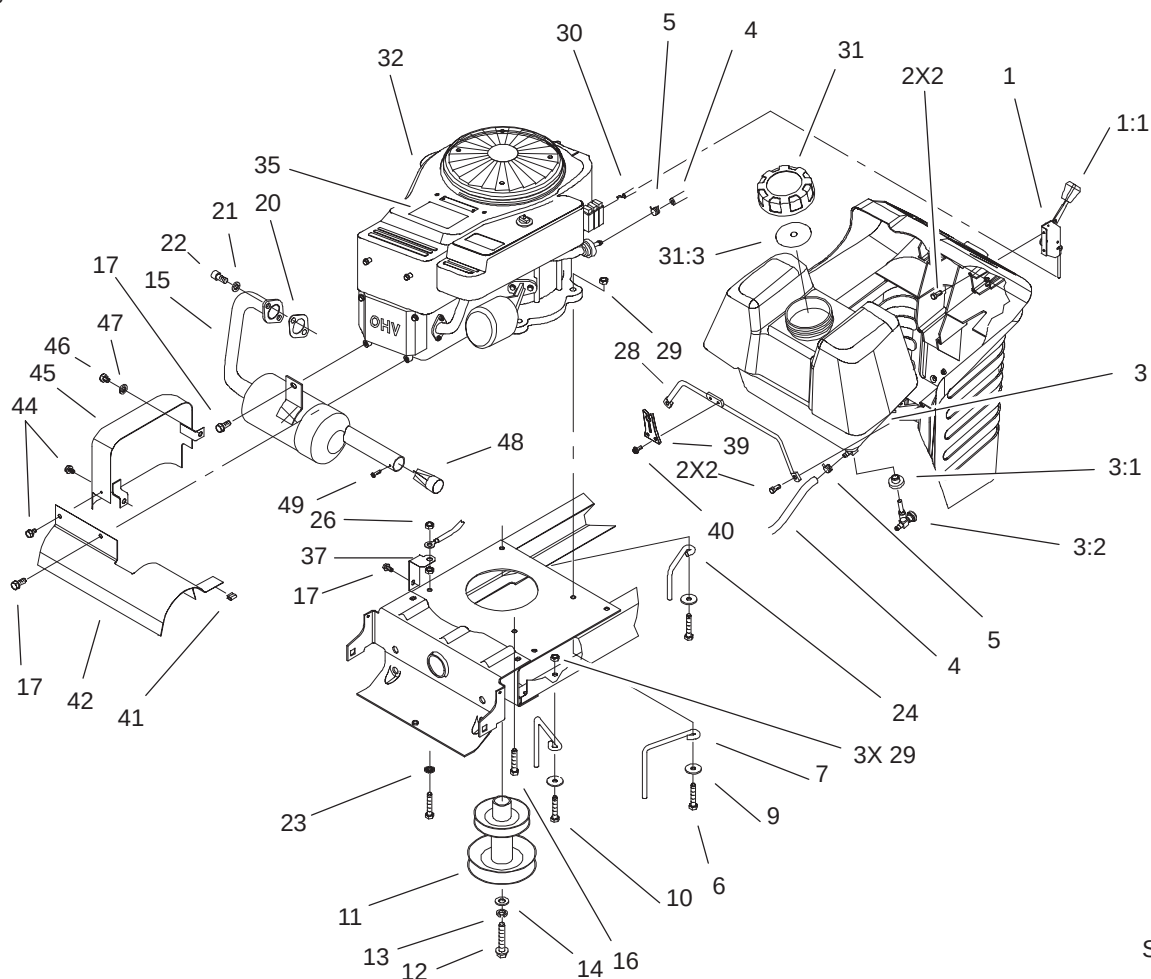
☆ Not serviced  
\* Not illustrated



Sheet No.:6

## Steering Assembly

| Ref. No. | Part No.  | Qty. | Description              |
|----------|-----------|------|--------------------------|
| 1        | 98-1467   | 1    | Wheel – Steering         |
| 1:1      | 98-1468   | 1    | Cover-Wheel,<br>Steering |
| 2        | 32121-111 | 1    | Pin-Roll                 |
| 4        | 88-4190   | 1    | Bushing – Sliding        |
| 6        | 3256-22   | 2    | Washer-Flat              |
| 7        | 321-4     | 2    | Screw-HH                 |
| 9        | 3296-42   | 2    | Nut-Lock, NI             |
| 16       | 88-5150   | 1    | Bearing-Flange           |
| 17       | 3-6498    | 1    | Washer-Thrust            |
| 18       | 32151-48  | 1    | E-Ring                   |
| 23       | 98-1459   | 1    | Decal-Toro               |
| 24       | 88-4150   | 1    | Plug                     |
| 25       | 88-6380   | 1    | Shaft-Long Steering      |



Sheet No.:7

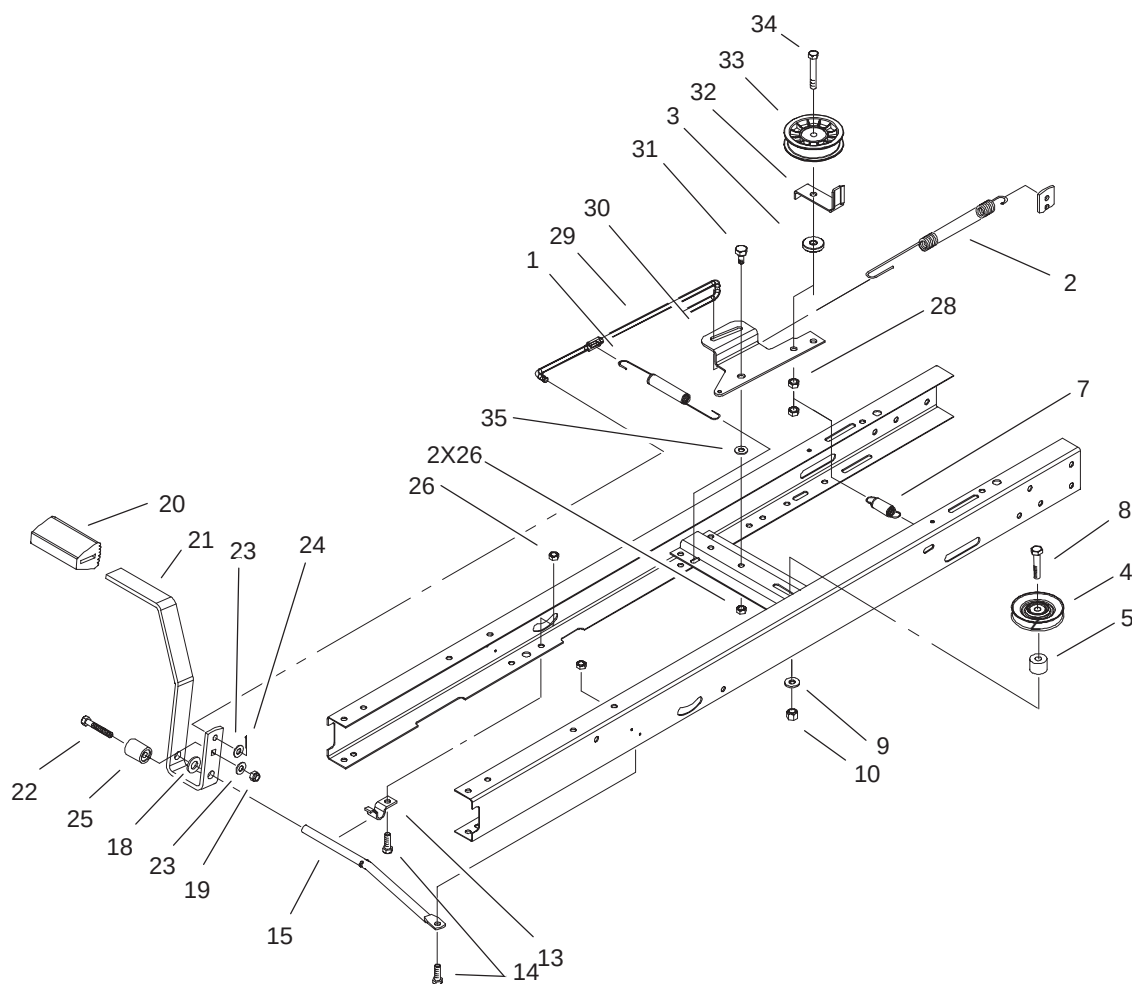
## Engine System Assembly

| Ref. No. | Part No. | Qty. | Description         |
|----------|----------|------|---------------------|
| 1        | 88-4340  | 1    | Control-Throttle    |
| 1:1      | 66-0120  | 1    | Knob                |
| 2        | 27-0220  | 4    | Screw-Special       |
| 3        | 88-3880  | 1    | Gas Tank ASM        |
| 3:1      | 104047   | 1    | Bushing             |
| 3:2      | 104048   | 1    | Valve-Fuel          |
| 4        | 47-2963  | 1    | Hose-Gas            |
| 5        | 2412-98  | 2    | Clamp               |
| 6        | 322-9    | 3    | Screw-HH            |
| 7        | 93-3854  | 3    | Guide - Belt Engine |
| 9        | 5-4460   | 4    | Washer-Pivot        |
| 10       | 322-5    | 2    | Screw-HH            |
| 11       | 100-7414 | 1    | Pulley-Engine       |
| 12       | 62-3760  | 1    | Screw-HH            |
| 13       | 3253-22  | 1    | Washer-Lock         |
| 14       | 3256-25  | 1    | Washer-Flat         |
| 15       | 99-6845  | 1    | Muffler-17 HP       |
| 16       | 9267154  | 1    | Screw               |
| 17       | 9266714  | 3    | Screw-HWH           |
| 20       | 88-4410  | 1    | Gasket-Muffler      |
| 21       | 3253-4   | 2    | Washer-Lock         |
| 22       | 3274-10  | 2    | Screw-HSH           |
| 23       | 3255-8   | 1    | Washer-Lock/Ext     |
| 24       | 93-3855  | 1    | Guide - Belt RH     |
| 26       | 32149-1  | 2    | Nut                 |
| 28       | 94-1952  | 1    | Rod - Gas Tank      |

| Ref. No. | Part No.   | Qty. | Description                                          |
|----------|------------|------|------------------------------------------------------|
| 29       | 3296-29    | 4    | Nut-Lock NI                                          |
| 30       | 88-4350    | 1    | Cable-Throttle                                       |
| 31       | 88-3980    | 1    | Gas Cap ASM                                          |
| 31:3     | 88-4010    | 1    | Gasket-Cap, Gas                                      |
| ☆32      |            | 1    | Engine-17.0 Briggs And Stratton Model 312777-0128-E1 |
| 35       | 99-8057    | 1    | Decal - Engine                                       |
| 37       | 93-3809    | 1    | Bracket- Ground                                      |
| 39       | 94-1951    | 1    | Latch - Hood                                         |
| 40       | 32144-112  | 2    | Screw-HWHTF                                          |
| 41       | 93-3882    | 1    | Clip - Tinnerman, U                                  |
| 42       | 93-3880-03 | 1    | Shield-Muffler                                       |
| 44       | 32104-76   | 2    | Screw                                                |
| 45       | 93-8450-03 | 1    | Exhaust Shield ASM                                   |
| 46       | 322-3      | 1    | Screw-HH                                             |
| 47       | 3253-4     | 1    | Washer-Lock                                          |
| 48       | 93-9911    | 1    | Screen-Silencer, Exhaust                             |
| 49       | 32144-42   | 1    | Screw-HH                                             |

☆ Not serviced



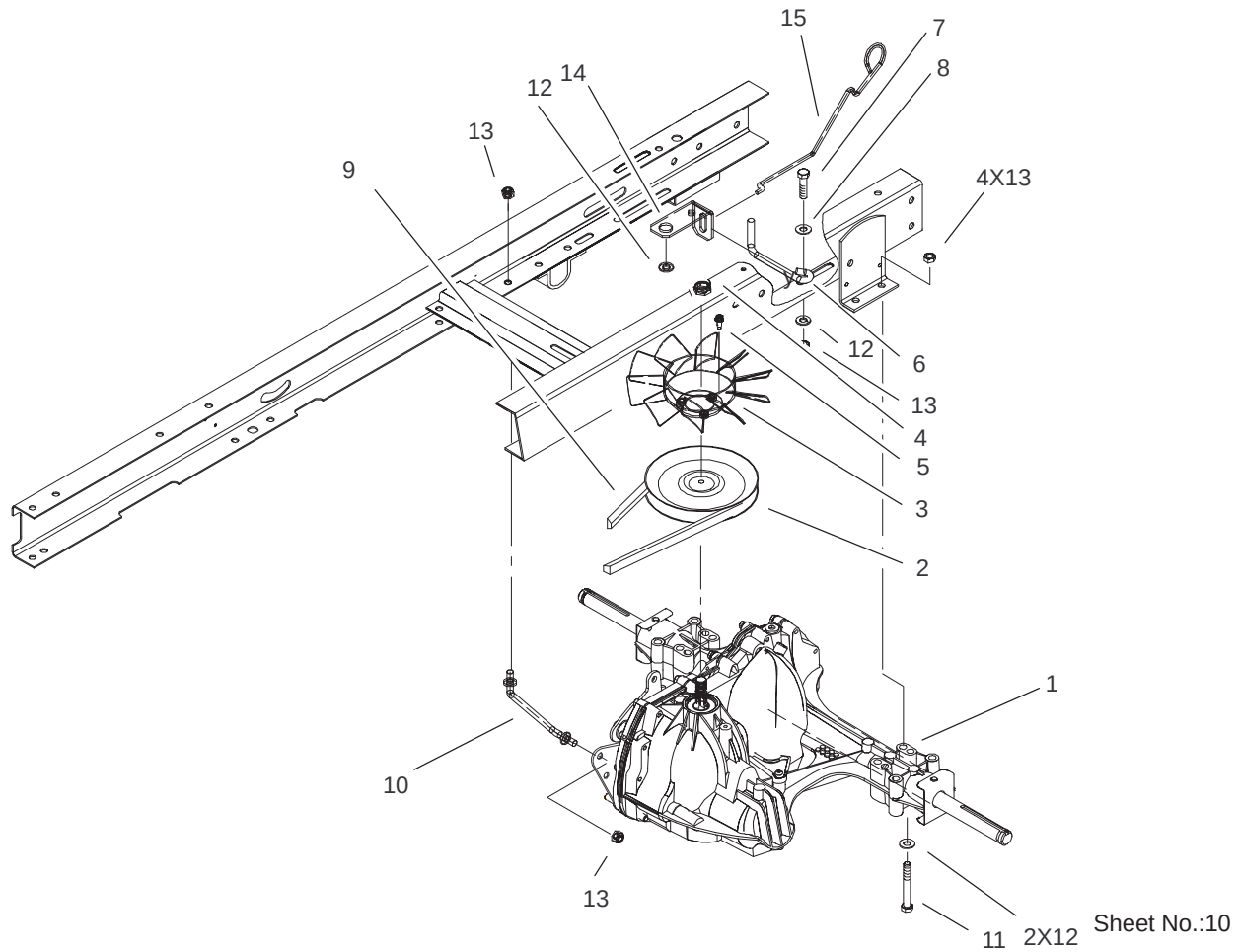


Sheet No.:8

# Traction Brake Assembly

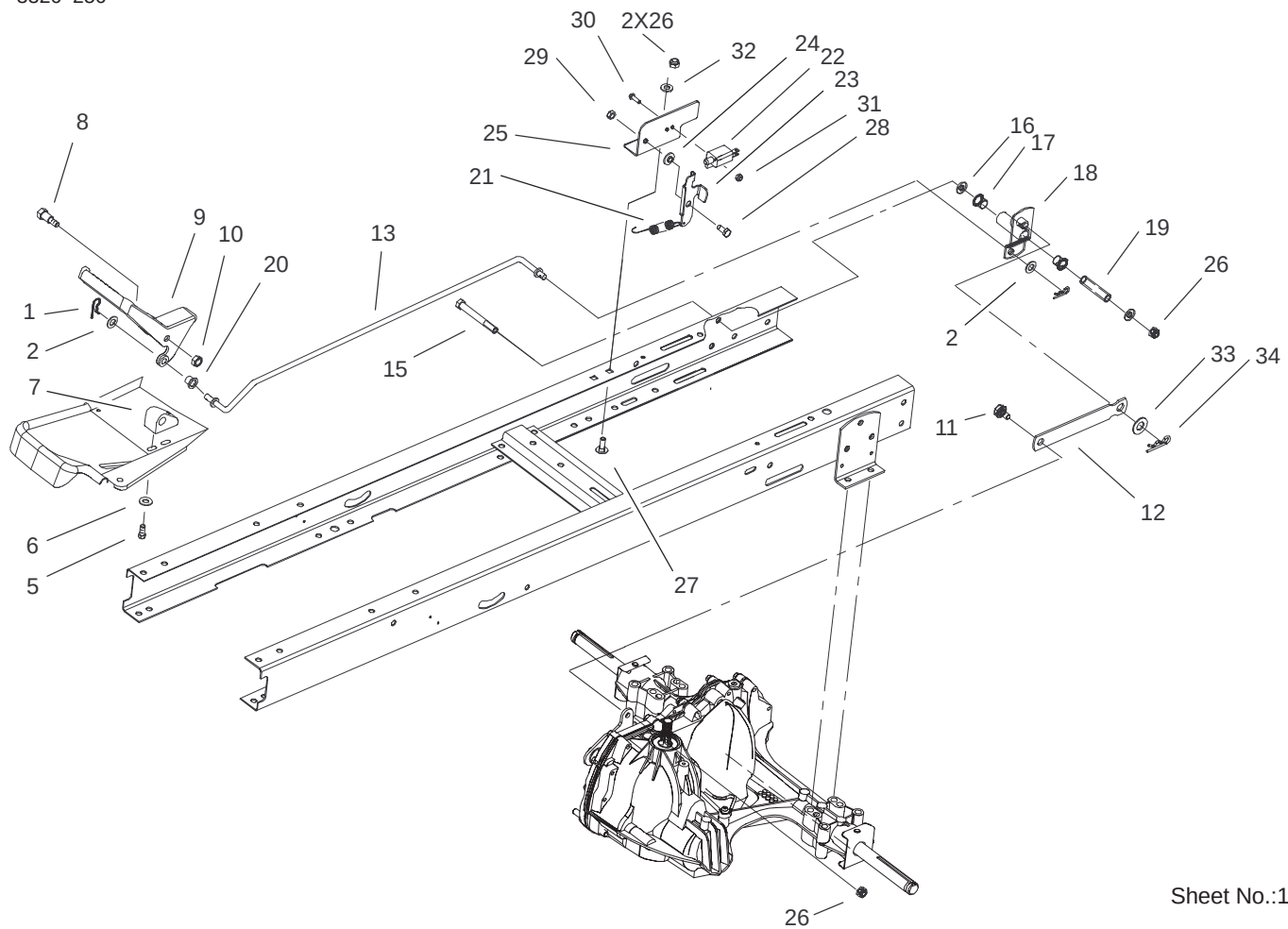
| Ref. No. | Part No.   | Qty. | Description        |
|----------|------------|------|--------------------|
| 1        | 27-8890    | 1    | Spring-Return      |
| 2        | 100-7422   | 1    | Spring-Brake       |
| 3        | 92-4890    | 1    | Washer - Wheel     |
| 4        | 92-7102    | 1    | Pulley-Idler       |
| 5        | 92-5791    | 1    | Spacer             |
| 7        | 88-6330    | 1    | Spring - Extension |
| 8        | 323-10     | 1    | Screw-HH           |
| 9        | 3256-3     | 1    | Washer-Flat        |
| 10       | 3296-39    | 1    | Nut-Lock, NI       |
| 13       | 88-4810    | 1    | Clamp-Shift Pivot  |
| 14       | 322-3      | 2    | Screw-HH           |
| 15       | 88-5500    | 1    | Rod-Pedal Pivot    |
| 18       | 3256-26    | 1    | Washer-Flat        |
| 19       | 3296-47    | 1    | Nut-Lock, NI       |
| 20       | 65-2920    | 1    | Pad-Pedal          |
| 21       | 88-5000-03 | 1    | Pedal-Clutch/Brake |
| 22       | 322-9      | 1    | Screw-HH           |
| 23       | 3256-23    | 2    | Washer-Flat        |
| 24       | 3272-10    | 1    | Pin-Cotter         |
| 25       | 99-6836    | 1    | Spacer-Switch      |
| 26       | 3296-29    | 3    | Nut-Lock NI        |
| 28       | 3296-59    | 2    | Nut-Lock NI        |
| 29       | 88-5270    | 1    | Rod-Clutch/Brake   |
| 30       | 88-6070    | 1    | Arm-Idler          |
| 31       | 37-8770    | 1    | Bolt-Shoulder      |
| 32       | 88-5560    | 1    | Guide-Idler Belt   |





# Hydro Transaxle Assembly

| Ref. No. | Part No. | Qty. | Description               | Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|---------------------------|----------|----------|------|-------------|
| 1        | 104-1760 | 1    | Transaxle ASM             |          |          |      |             |
| 2        | 104-1753 | 1    | Pulley-5.5 Inch           |          |          |      |             |
| 3        | 104-2162 | 1    | Fan                       |          |          |      |             |
| 4        | 3296-28  | 1    | Nut-Lock NI               |          |          |      |             |
| 5        | 9134304  | 3    | Screw                     |          |          |      |             |
| 6        | 93-3868  | 1    | Guide - Transmission Belt |          |          |      |             |
| 7        | 322-5    | 1    | Screw-HH                  |          |          |      |             |
| 8        | 5-4460   | 1    | Washer-Pivot              |          |          |      |             |
| 9        | 88-6250  | 1    | V-Belt                    |          |          |      |             |
| 10       | 100-6225 | 1    | Strap-Torque              |          |          |      |             |
| 11       | 322-13   | 4    | Screw-HH                  |          |          |      |             |
| 12       | 3256-23  | 4    | Washer-Flat               |          |          |      |             |
| 13       | 3296-29  | 7    | Nut-Lock NI               |          |          |      |             |
| 14       | 100-7406 | 1    | Bracket-Bypass            |          |          |      |             |
| 15       | 100-7407 | 1    | Wire-Bypass               |          |          |      |             |

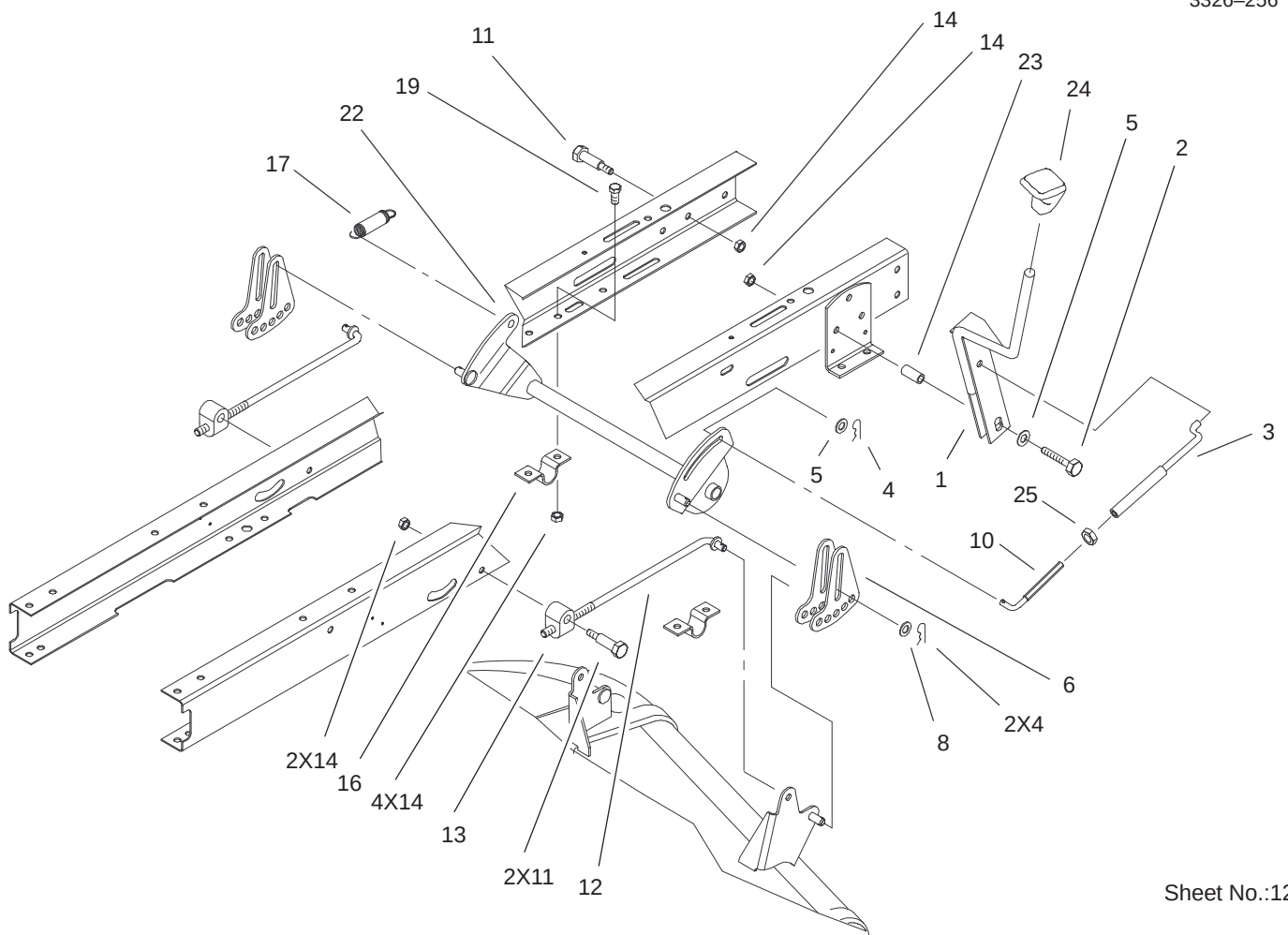


Sheet No.:11

## Hydro Transaxle Controls and NMIR Assembly

| Ref. No. | Part No.   | Qty. | Description          |
|----------|------------|------|----------------------|
| 1        | 3290-307   | 2    | Pin-Hair             |
| 2        | 3256-38    | 2    | Washer-Flat          |
| 5        | 46-8090    | 2    | Screw-Plastite       |
| 6        | 3256-22    | 2    | Washer-Flat          |
| 7        | 88-4690    | 1    | Block-Pivot          |
| 8        | 23-0310    | 1    | Bolt-Shoulder        |
| 9        | 99-6120-05 | 1    | Pedal-Speed Control  |
| 10       | 3296-59    | 1    | Nut-Lock NI          |
| 11       | 37-8770    | 1    | Bolt-Shoulder        |
| 12       | 99-6849    | 1    | Link-Speed Control   |
| 13       | 99-6839    | 1    | Rod-Speed Control    |
| 15       | 322-14     | 1    | Screw-HH             |
| 16       | 3256-2     | 2    | Washer-Flat          |
| 17       | 256-257    | 2    | Flange-Nyliner       |
| 18       | 99-6835-03 | 1    | Pivot ASM            |
| 19       | 99-6832    | 1    | Spacer-Pivot         |
| 20       | 99-6121    | 1    | Bushing              |
| 21       | 99-6805    | 1    | Spring-Extension     |
| 22       | 95-1653    | 1    | Switch - Single Pole |
| 23       | 99-6807    | 1    | Bracket - Pivot      |
| 24       | 99-6808    | 1    | Washer-Stepped       |
| 25       | 99-6806    | 1    | Bracket - Adjustment |
| 26       | 3296-29    | 4    | Nut-Lock NI          |
| 27       | 3230-18    | 2    | Screw-CARR           |
| 28       | 99-6810    | 1    | Screw-Hex Hd         |
| 29       | 3296-42    | 1    | Nut-Lock, NI         |

| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
| 30       | 3290-392 | 2    | Screw - HHF |
| 31       | 3296-1   | 2    | Nut-Lock NI |
| 32       | 3256-23  | 2    | Washer-Flat |
| 33       | 3256-26  | 1    | Washer-Flat |
| 34       | 9335054  | 1    | Pin-Hair    |

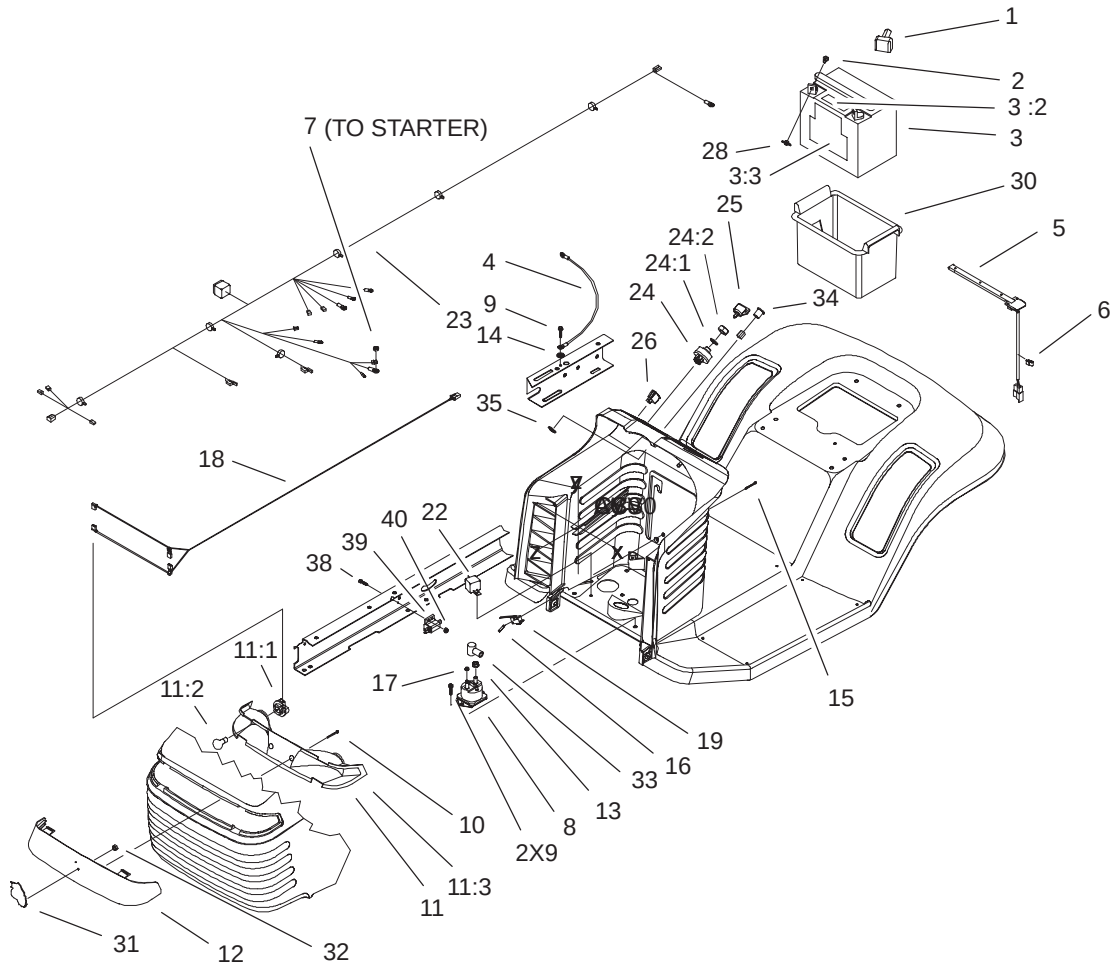


Sheet No.:12

## Height of Cut Assembly

| Ref. No. | Part No.   | Qty. | Description        |
|----------|------------|------|--------------------|
| 1        | 93-3822-03 | 1    | Lever              |
| 2        | 322-39     | 1    | Screw-HH           |
| 3        | 93-3885    | 1    | Tube               |
| 4        | 3290-307   | 3    | Pin-Hair           |
| 5        | 3256-24    | 2    | Washer-Flat        |
| 6        | 88-5570-03 | 4    | Link-HOC Adjusting |
| 8        | 80-6990    | 2    | Washer-Hardened    |
| 10       | 93-3888    | 1    | Link - HOC         |
| 11       | 7-0030     | 3    | Bolt-Shoulder      |
| 12       | 88-5450    | 2    | Rod-Hanger Rear    |
| 13       | 88-4230    | 2    | Trunnion-HOC       |
| 14       | 3296-29    | 8    | Nut-Lock NI        |
| 16       | 88-4730    | 2    | Clamp-HOC Pivot    |
| 17       | 93-3808    | 1    | Spring - Extension |
| 19       | 322-3      | 4    | Screw-HH           |
| 22       | 93-7660-03 | 1    | Pivot-HOC          |
| 23       | 65-7210    | 1    | Spacer             |
| 24       | 94-5565    | 1    | Knob - Shift       |
| 25       | 3218-2     | 1    | Nut-Jam            |

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



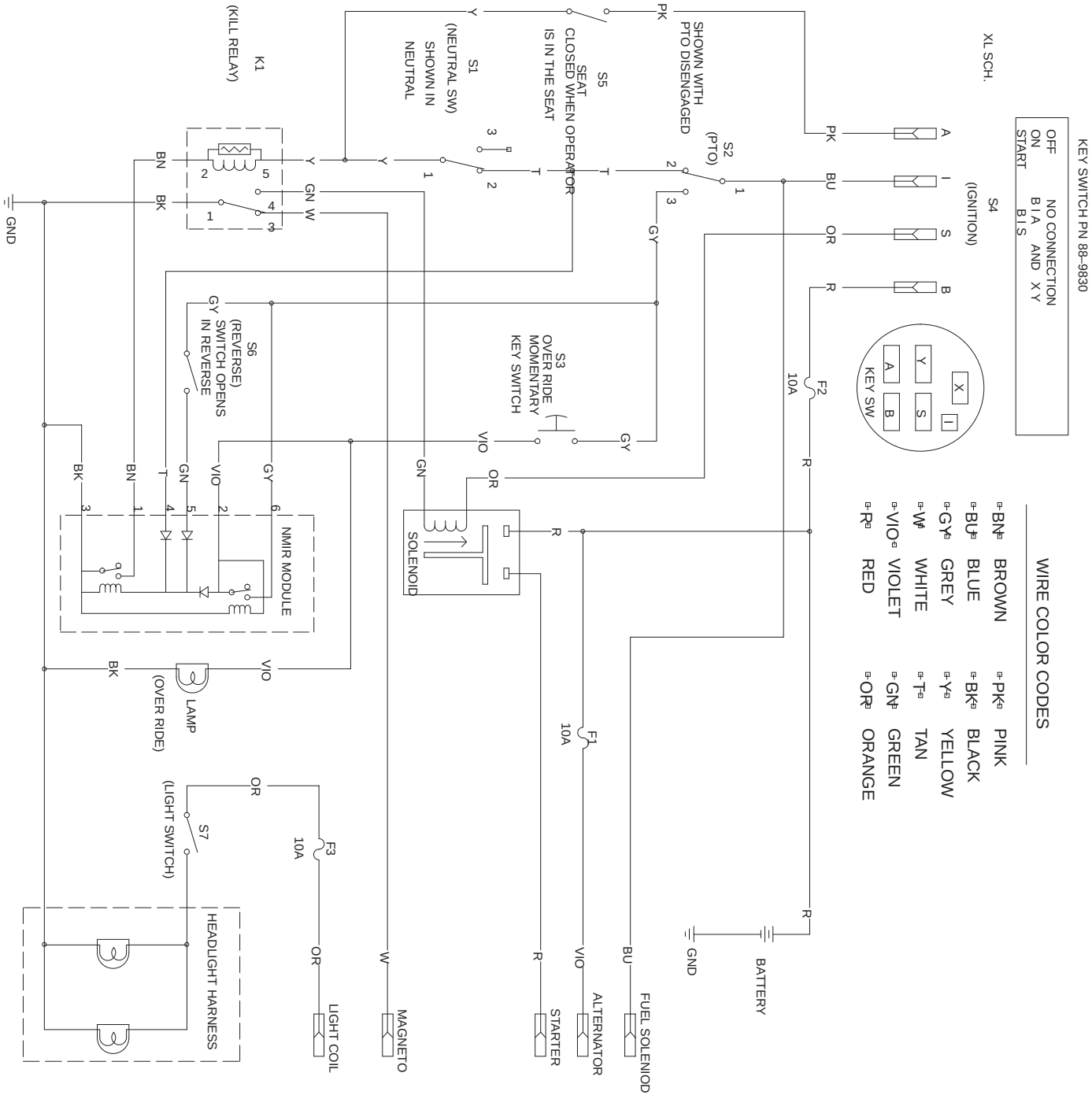
Sheet No.:13

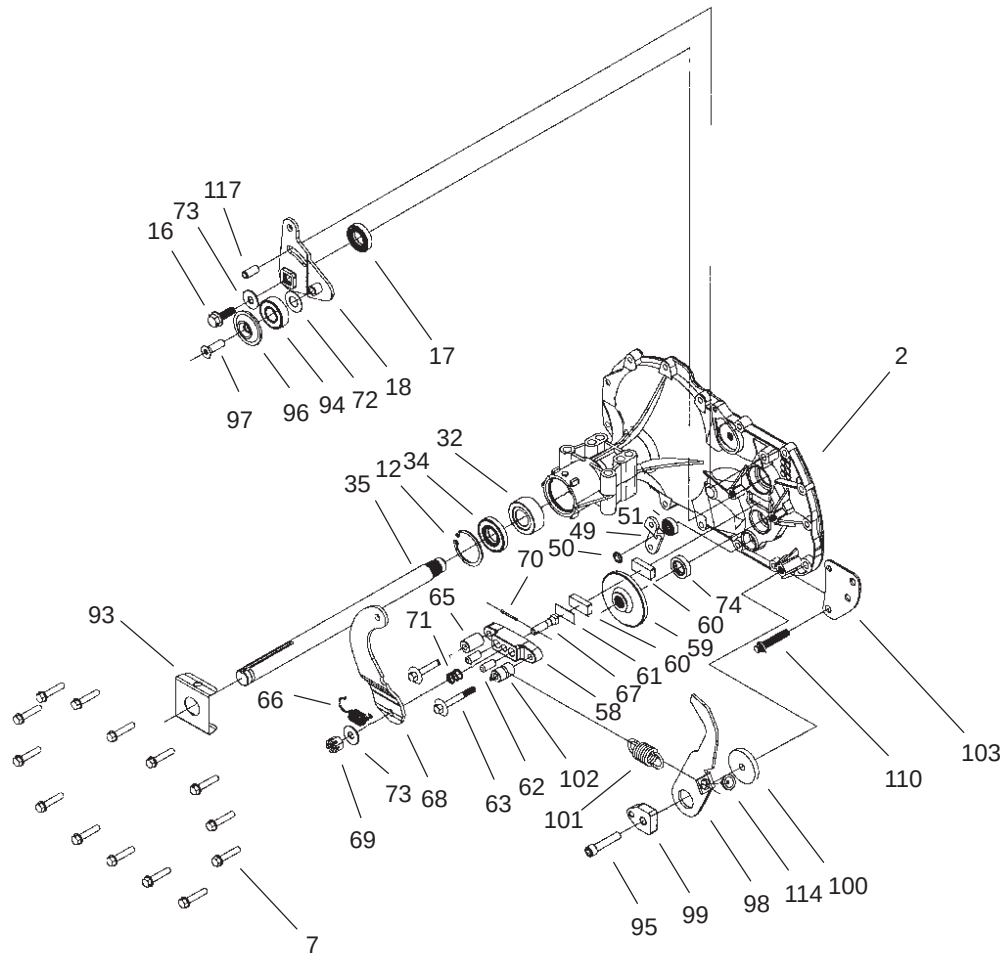
## Electrical Assembly

| Ref. No. | Part No. | Qty. | Description            |
|----------|----------|------|------------------------|
| 1        | 28-8080  | 1    | Boot-Terminal          |
| 2        | 321-4    | 2    | Screw-HH               |
| 3        | 104-1755 | 1    | Battery-155 Cca        |
| 3:2      | 104-4163 | 1    | Decal-Battery          |
| 3:3      | 104-4164 | 1    | Decal-Battery          |
| 4        | 44-8110  | 1    | Wire ASM               |
| 5        | 38-1420  | 1    | Switch-Seat            |
| 6        | 702366   | 1    | Clip-Wire Retainer     |
| 7        | 32149-2  | 1    | Nut                    |
| 8        | 28-4210  | 1    | Solenoid               |
| 9        | 9266714  | 3    | Screw-HWH              |
| 10       | 32144-32 | 2    | Screw                  |
| 11       | 88-3970  | 1    | Reflector And Lamp ASM |
| 11:1     | 111686   | 2    | Socket-Light           |
| 11:2     | 7228     | 2    | Bulb -No. 1156         |
| 11:3     | 93-8741  | 1    | Reflector              |
| 12       | 88-3960  | 1    | Lens-Headlight         |
| 13       | 32149-1  | 2    | Nut                    |
| 14       | 3255-7   | 2    | Washer-Lock/Ext        |
| 15       | 93-0539  | 2    | Screw-HH               |
| 16       | 3290-354 | 1    | Nut-Speed              |
| 17       | 32149-8  | 2    | Nut-Keps               |
| 18       | 99-1935  | 1    | Harness-Headlight      |
| 19       | 88-9932  | 1    | Switch-Micro           |
| 22       | 98-7249  | 1    | Relay                  |

| Ref. No. | Part No. | Qty. | Description             |
|----------|----------|------|-------------------------|
| 23       | 99-6840  | 1    | Harness-Wire, Hydro     |
| 24       | 88-9830  | 1    | Switch-Ignition         |
| 24:1     | 3254-5   | 1    | Washer-Lock, Internal   |
| 24:2     | 218-461  | 1    | Nut-HH                  |
| 25       | 63-8360  | 1    | Key-Ignition            |
| 26       | 92-8875  | 1    | Switch - Rocker         |
| 28       | 32103-22 | 2    | Nut-Wing                |
| 30       | 88-4040  | 1    | Box-Battery             |
| 31       | 95-4248  | 1    | Logo - Horsehead        |
| 32       | 3290-299 | 1    | Clip                    |
| 33       | 93-3190  | 1    | Boot-Terminal Insulator |
| 34       | 95-7652  | 1    | Light - Indicator       |
| 35       | 99-6059  | 1    | Clip-Retainer           |
| 38       | 3274-14  | 2    | Screw-HSH               |
| 39       | 65-7410  | 1    | Switch - Single Pole    |
| 40       | 3296-2   | 2    | Nut-Lock                |

# Electrical Schematic





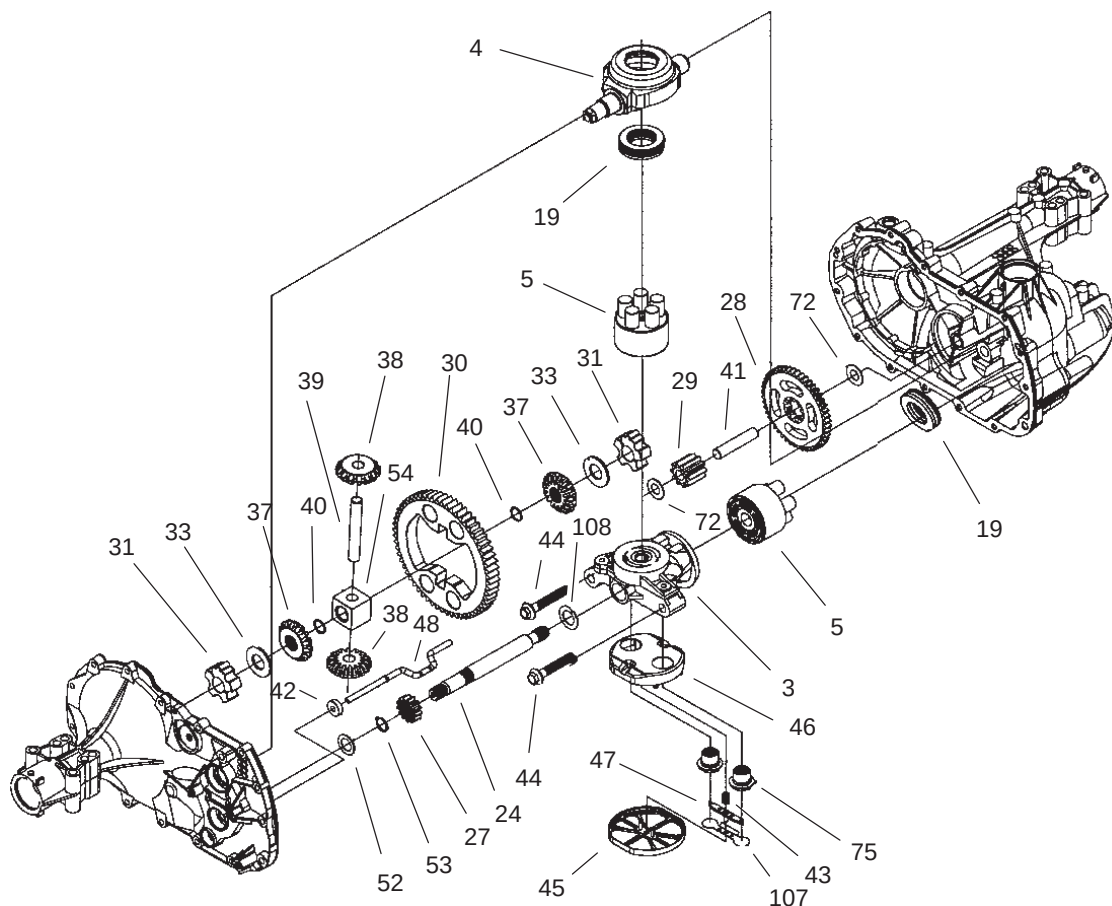
Sheet No.:3

## Housing and Bearing Assembly

| Ref. No. | Part No. | Qty. | Description              |
|----------|----------|------|--------------------------|
| 02       | 104-5302 | 1    | Side Housing ASM         |
| 07       | 104-5305 | 14   | Screw-Hex Flange         |
| 12       | 104-5309 | 1    | Ring-Retaining           |
| 16       | 104-5312 | 1    | Screw-Hex Flange         |
| 17       | 104-5313 | 1    | Seal-Lip                 |
| 18       | 104-5314 | 1    | Arm-Control              |
| 32       | 104-5321 | 1    | Bearing-Sleeve, Outboard |
| 34       | 104-5322 | 1    | Seal-Lip                 |
| 35       | 104-5323 | 1    | Shaft-Axle RH            |
| 49       | 104-5336 | 1    | Arm-Bypass               |
| 50       | 104-5337 | 1    | Ring-Retaining           |
| 51       | 104-5338 | 1    | Seal-Lip                 |
| 58       | 104-5343 | 1    | Yoke-Brake               |
| 59       | 104-5344 | 1    | Rotor-Brake              |
| 60       | 104-2171 | 2    | Puck-Brake               |
| 61       | 104-2181 | 1    | Puck-Plate               |
| 62       | 104-2176 | 2    | Pin-Brake                |
| 63       | 104-5345 | 2    | Screw-Hex Flange         |
| 65       | 104-2180 | 1    | Spacer                   |
| 66       | 104-2184 | 1    | Spring-Brake Arm Bias    |
| 67       | 104-2174 | 1    | Bolt-Square Head         |
| 68       | 104-5346 | 1    | Arm-Brake                |
| 69       | 93-3807  | 1    | Nut - Castle             |
| 70       | 104-2179 | 1    | Pin-Cotter               |

| Ref. No. | Part No. | Qty. | Description                  |
|----------|----------|------|------------------------------|
| 71       | 104-2188 | 1    | Spring-Brake Anti Drag Comp. |
| 72       | 94-1933  | 1    | Washer                       |
| 73       | 104-2146 | 2    | Washer                       |
| 74       | 104-5347 | 1    | Seal-Oil                     |
| 93       | 104-5353 | 1    | Clip-Spring                  |
| 94       | 104-2156 | 1    | Bearing                      |
| 95       | 104-2155 | 1    | Screw                        |
| 96       | 104-2157 | 1    | Spacer-Locating              |
| 97       | 104-2158 | 1    | Screw-Countersunk            |
| 98       | 104-5354 | 1    | Arm-Return                   |
| 99       | 104-2119 | 1    | Puck-Adjusting               |
| 100      | 104-5355 | 1    | Washer                       |
| 101      | 104-5356 | 1    | Spring-Extension             |
| 102      | 104-5357 | 1    | Spacer                       |
| 103      | 104-5358 | 1    | Bracket-Torque               |
| 110      | 104-2148 | 1    | Screw-Torx Head              |
| 114      | 104-5363 | 1    | Guide-Spring                 |
| 117      | 104-5365 | 1    | Pin-Spring                   |

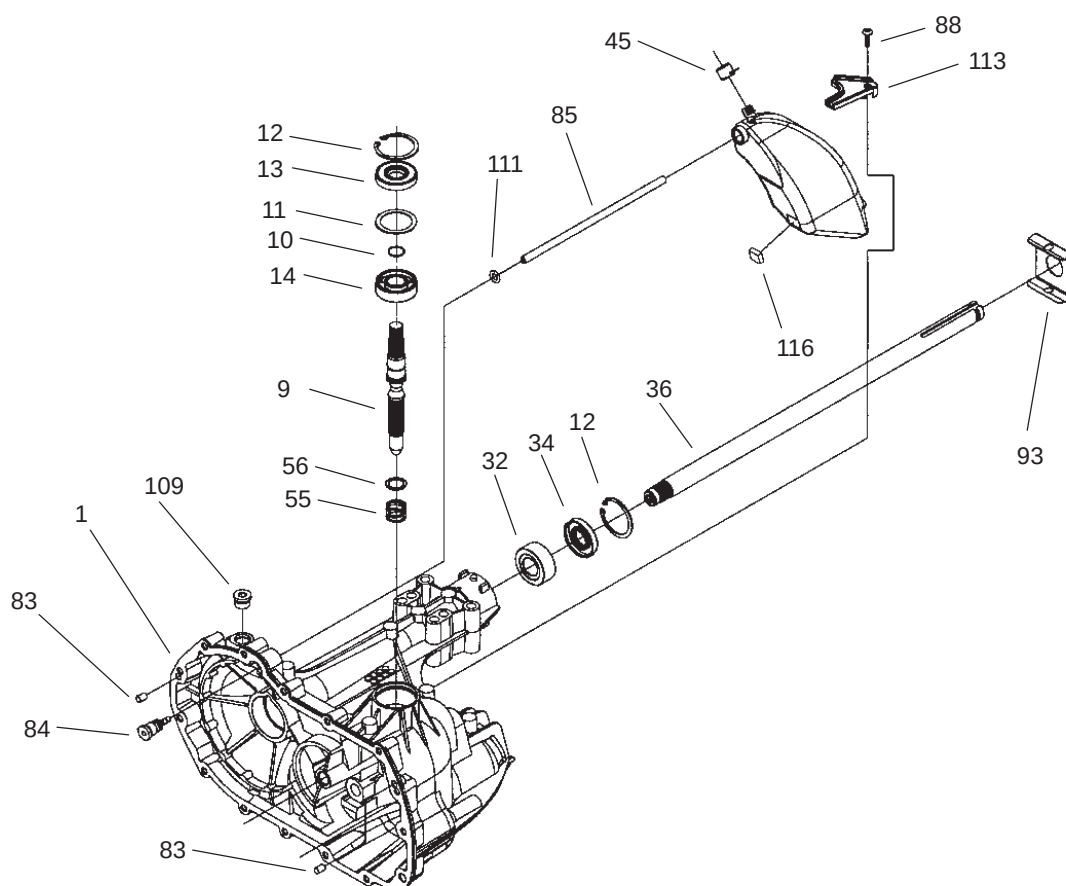




Sheet No.:4

## Gear Assembly

| Ref. No. | Part No. | Qty. | Description           | Ref. No. | Part No. | Qty. | Description          |
|----------|----------|------|-----------------------|----------|----------|------|----------------------|
| 03       | 104-5303 | 1    | Center Section ASM    | 53       | 104-5340 | 1    | Ring-Retaining       |
| 04       | 104-5304 | 1    | Swashplate-Trunnion   | 54       | 104-5341 | 1    | Bearing-Center Block |
|          |          |      | Machined              | 72       | 94-1933  | 2    | Washer               |
| 05       | 104-2106 | 2    | 10cc Cylinder Block   | 75       | 104-5348 | 2    | Check Plug ASM       |
|          |          |      | ASM                   | 107      | 104-5359 | 1    | Deflector            |
| 19       | 94-6922  | 2    | Bearing - Thrust      | 108      | 104-5360 | 1    | Washer-Motor Shaft   |
| 24       | 104-5314 | 1    | Arm-Control           |          |          |      |                      |
| 27       | 104-5316 | 1    | Gear-Pinnion, 13t     |          |          |      |                      |
| 28       | 104-5317 | 1    | Gear- 10t/48t         |          |          |      |                      |
| 29       | 104-5318 | 1    | Gear-Jackshaft 10t    |          |          |      |                      |
| 30       | 104-5319 | 1    | Gear-Bull 60t         |          |          |      |                      |
| 31       | 104-5320 | 2    | Bearing-Sleeve        |          |          |      |                      |
| 33       | 94-1943  | 2    | Washer                |          |          |      |                      |
| 37       | 104-5325 | 2    | Gear-Miter            |          |          |      |                      |
| 38       | 104-5326 | 2    | Gear-Miter 15t        |          |          |      |                      |
| 39       | 104-5327 | 1    | Shaft                 |          |          |      |                      |
| 40       | 104-5328 | 2    | Ring-Spiral Retaining |          |          |      |                      |
| 41       | 104-5329 | 1    | Pin-Jackshaft         |          |          |      |                      |
| 42       | 104-5330 | 1    | Magnet-Ring           |          |          |      |                      |
| 43       | 104-5331 | 1    | Spring-Bypass         |          |          |      |                      |
| 44       | 94-6926  | 2    | Bolt                  |          |          |      |                      |
| 45       | 104-5332 | 1    | Filter                |          |          |      |                      |
| 46       | 104-5333 | 1    | Base-Filter           |          |          |      |                      |
| 47       | 104-5334 | 1    | Actuator-Bypass       |          |          |      |                      |
| 48       | 104-5335 | 1    | Rod-Bypass Actuator   |          |          |      |                      |
| 52       | 104-5339 | 1    | Washer-Flat           |          |          |      |                      |

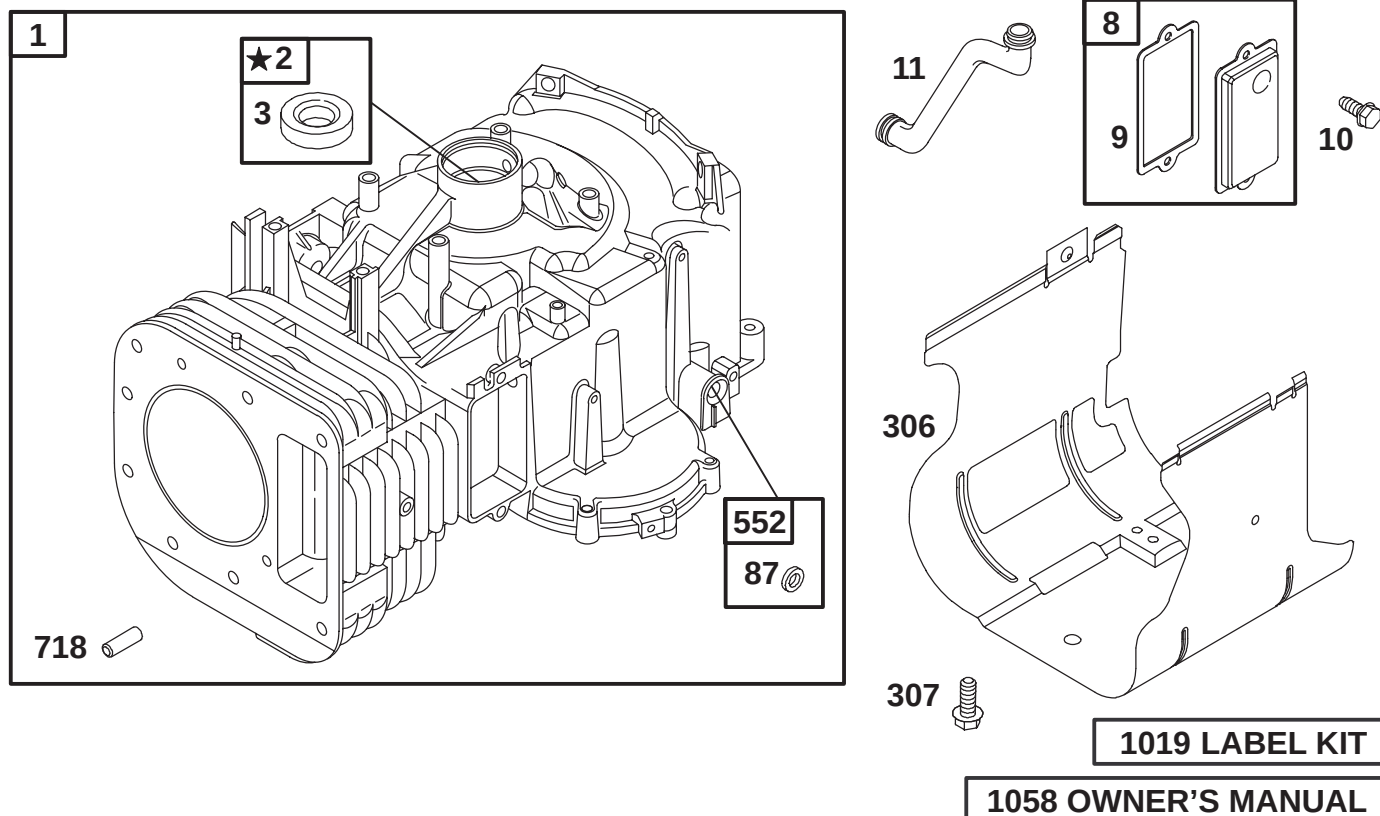


Sheet No.:5

## Axle Assembly

| Ref. No. | Part No. | Qty. | Description                 |
|----------|----------|------|-----------------------------|
| 01       | 104-5301 | 1    | Main Housing ASM            |
| 09       | 104-5306 | 1    | Shaft-Input                 |
| 10       | 104-5307 | 1    | Ring-Retaining              |
| 11       | 104-5308 | 1    | Spacer                      |
| 12       | 104-5309 | 2    | Ring-Retaining              |
| 13       | 104-5310 | 1    | Seal-Lip                    |
| 14       | 104-5311 | 1    | Bearing-Ball                |
| 32       | 104-5321 | 1    | Bearing-Sleeve,<br>Outboard |
| 34       | 104-5322 | 1    | Seal-Lip                    |
| 36       | 104-5324 | 1    | Shaft-Axle LH               |
| 55       | 94-1936  | 1    | Spring - Block              |
| 56       | 94-1937  | 1    | Washer - Block Thrust       |
| 83       | 104-2170 | 2    | Pin-STD Hols                |
| 84       | 104-5349 | 1    | Fitting-Sae                 |
| 85       | 104-5350 | 1    | Hose-Expansion Tank         |
| 87       | 104-5351 | 1    | Cap-Vent                    |
| 88       | 104-5352 | 1    | Bolt-Self Tapping           |
| 93       | 104-5353 | 1    | Clip-Spring                 |
| 111      | 104-5361 | 1    | O-Ring                      |
| 113      | 104-5362 | 1    | Bracket-Support             |
| 116      | 104-5364 | 1    | Sponge-sillicone            |

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



**★ REQUIRES SPECIAL TOOLS TO INSTALL. SEE REPAIR INSTRUCTION MANUAL.**

Assemblies include all parts shown in frames.

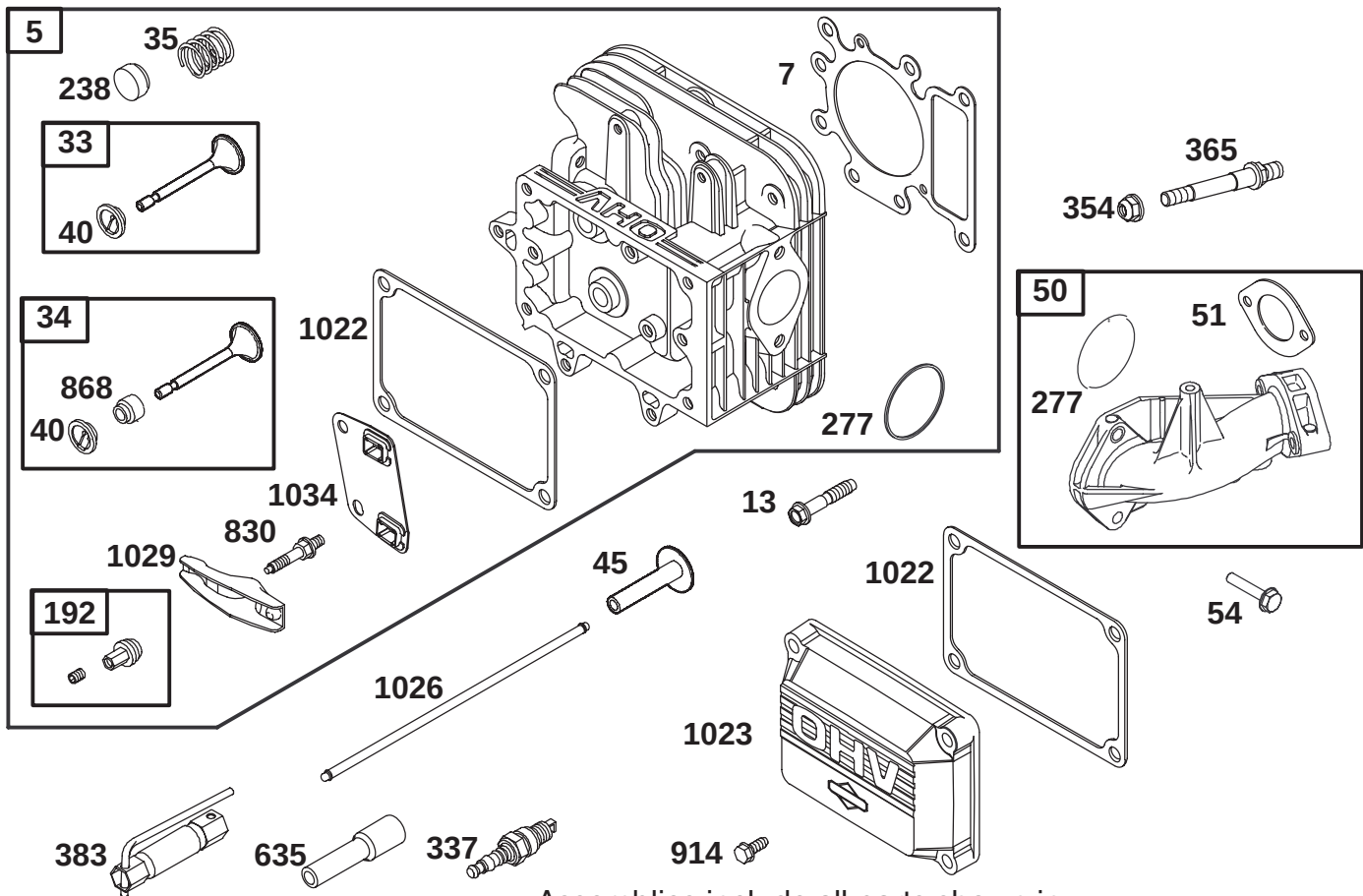
# Cylinder Assembly

## Briggs and Stratton Model 312777-0128-E1

| Ref. No. | Part No. | Qty. | Description            |
|----------|----------|------|------------------------|
| 1        | 690156   | 1    | Cylinder Assembly      |
| 2        | 399265   | 1    | Bushing/Seal Kit       |
| ★3       | 391086   | 1    | Seal—Oil               |
| 8        | 495735   | 1    | Breather Assembly      |
| ★9       | 27803    | 1    | Gasket—Breather        |
| 10       | 691666   | 1    | Screw—Hex.             |
| 11       | 281246   | 1    | Tube—Breather          |
| ★87      | 491323   | 1    | Seal—Governor Shaft    |
| 307      | 94930    | 1    | Screw—Hex.             |
| 552      | 491986   | 1    | Bushing—Governor Crank |
| 718      | 230192   | 1    | Pin—Locating           |
| 1019     | 690180   | 1    | Label Kit              |
| 1058     | 273683   | 1    | Owner's Manual         |

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

★ Included in Gasket Set—Ref. 358.



Assemblies include all parts shown in frames.

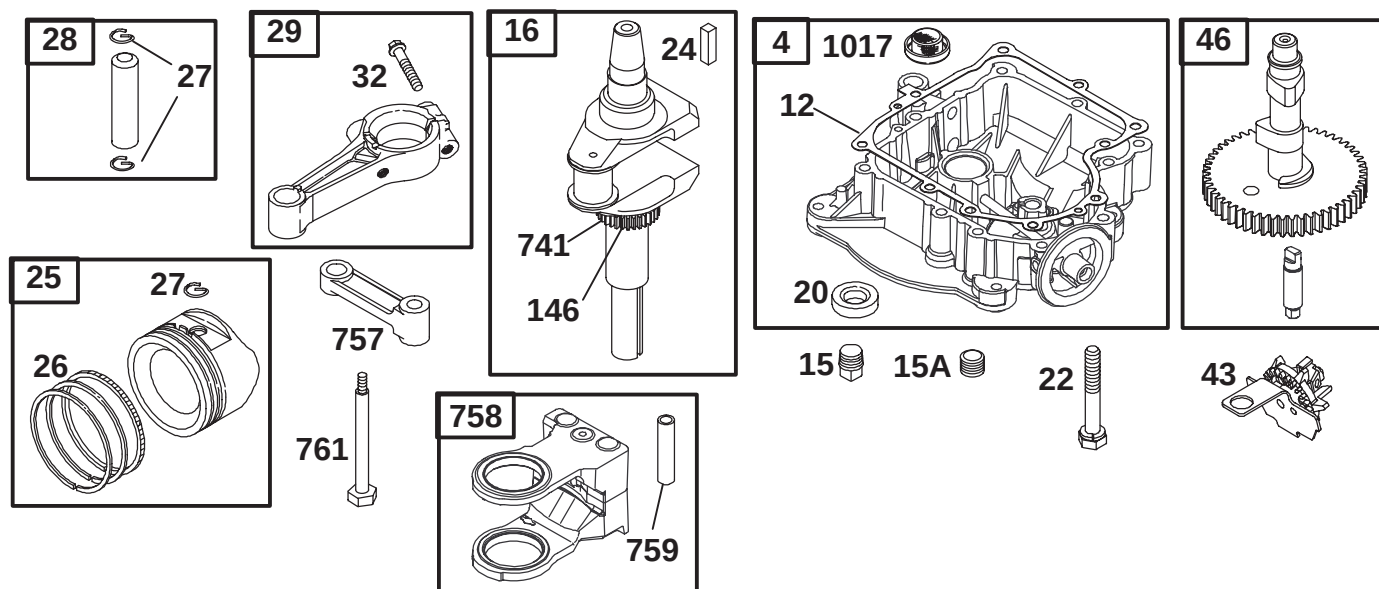
## Cylinder Head Assembly Briggs and Stratton Model 312777-0128-E1

| Ref. No. | Part No. | Qty. | Description          |
|----------|----------|------|----------------------|
| 5        | 690188   | 1    | Head-Cylinder        |
| ▲★7      | 692410   | 1    | Gasket-Cylinder Head |
| 13       | 690360   | 1    | Screw-Hex.           |
| 33       | 495856   | 1    | Valve-Exhaust        |
| 34       | 495857   | 1    | Valve-Intake         |
| 35       | 262811   | 1    | Spring-Valve         |
| 40       | 224641   | 1    | Retainer-Valve       |
| 45       | 262411   | 1    | Tappet-Valve         |
| 50       | 690193   | 1    | Manifold-Intake      |
| ■51      | 273650   | 1    | Gasket-Intake        |
| 54       | 95160    | 1    | Screw-Hex.           |
| 192      | 492160   | 1    | Adjuster-Rocker Arm  |
| 238      | 262836   | 1    | Cap-Valve            |
| ▲★277    | 692138   | 1    | Seal-O-Ring          |
| 337      | 491055   | 1    | Plug-Spark           |
| 354      | 94010    | 1    | Nut-Hex.             |
| 365      | 690227   | 1    | Stud-Carburetor Mtg. |
| 383      | 89838    | 1    | Wrench-Spark Plug    |
| 635      | 280872   | 1    | Boot-Spark Plug      |
| 830      | 94555    | 1    | Stud-Rocker Arm      |
| ▲★868    | 499236   | 1    | Seal-Valve           |
| 914      | 94682    | 1    | Screw-Hex.           |
| ▲★1022   | 272475   | 1    | Gasket-Rocker Cover  |
| 1023     | 690388   | 1    | Cover-Rocker         |

| Ref. No. | Part No. | Qty. | Description                            |
|----------|----------|------|----------------------------------------|
| 1026     | 494432   | 1    | Rod-Push<br>Intake Rod-Push<br>Exhaust |
| 1029     | 224554   | 1    | Arm-Rocker                             |
| 1034     | 495248   | 1    | Guide-Push Rod                         |

★ Included in Gasket Set-Ref. 358.

▲ Included in Valve Overhaul Kit-Ref. 1033. ■ Included in Kits ★ ▲ ● ◆.

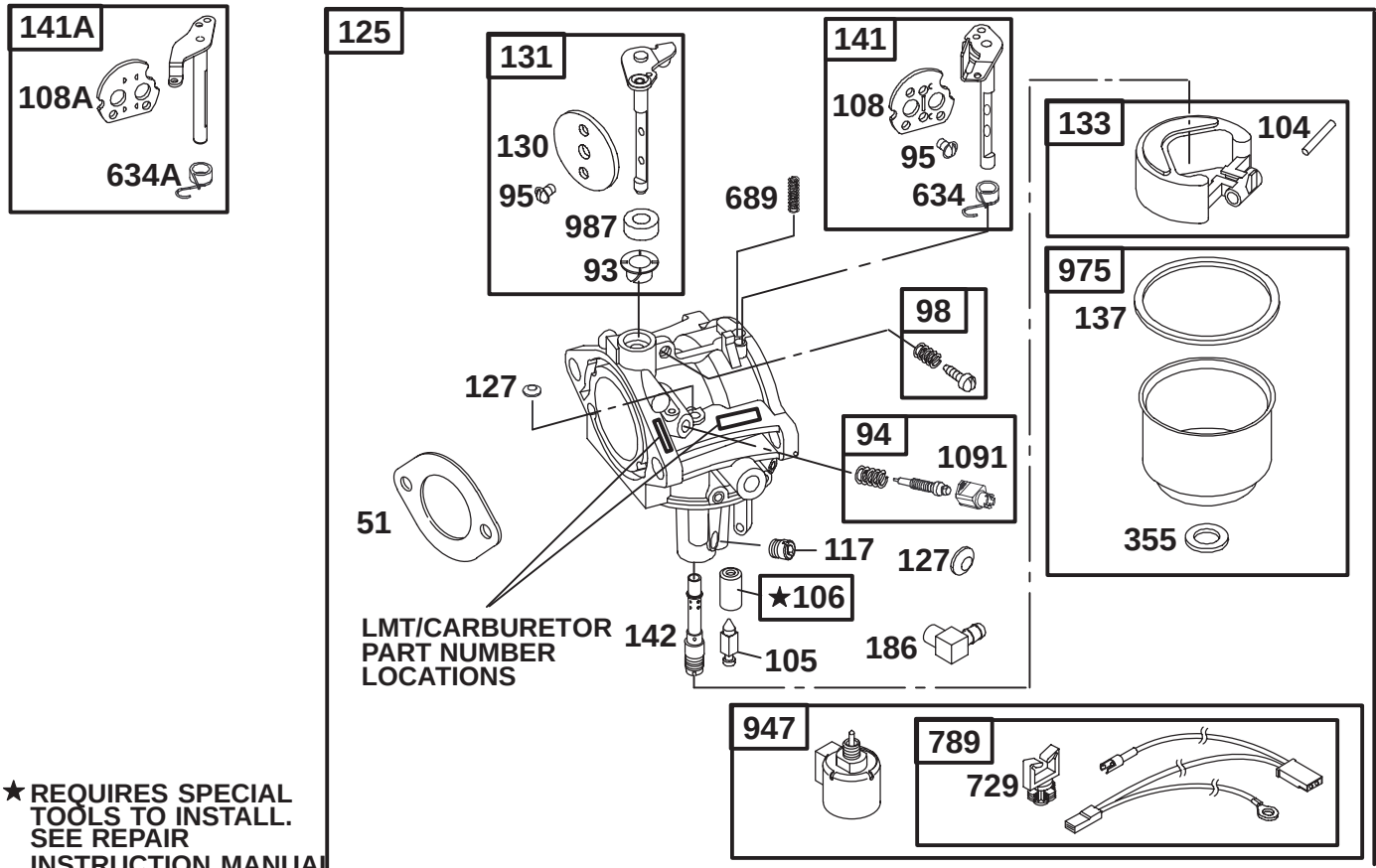


Assemblies include all parts shown in frames.

## Crankcase Assembly Briggs and Stratton Model 312777-0128-E1

| Ref. No. | Part No. | Qty. | Description            | Ref. No. | Part No. | Qty. | Description           |
|----------|----------|------|------------------------|----------|----------|------|-----------------------|
| 4        | 693582   | 1    | Sump-Engine            | 29       | 692419   | 1    | Pin-Piston .005" O.S. |
| ★12      | 271916   | 1    | Gasket-Crankcase       |          |          |      | Rod-Connecting        |
|          |          | 1    | 015" Thick             |          |          |      | Standard              |
|          |          | 1    | Gasket-Crankcase       |          |          |      | Rod-Connecting .020"  |
|          |          | 1    | 005" Thick             |          |          |      | Undersize             |
|          |          | 1    | Gasket-Crankcase       | 32       | 692852   | 1    | Screw-Connecting Rod  |
|          |          | 1    | 009" Thick             | 43       | 490815   | 1    | Governor/Oil Slinger  |
| 15       | 94239    | 1    | Plug-Oil Drain         | 46       | 693450   | 1    | Gear-Cam              |
| 15A      | 91488    | 1    | Plug-Oil Drain         | 146      | 94196    | 1    | Key-Timing            |
| 16       | 690136   | 1    | Crankshaft             | 741      | 262932   | 1    | Gear-Timing           |
| ★20      | 291675   | 1    | Seal-Oil               | 757      | 213998   | 1    | Link-Counterweight    |
| 22       | 692125   | 1    | Screw-Hex.             | 758      | 499994   | 1    | Counterweight         |
| 24       | 222698   | 1    | Key-Flywheel           | 759      | 230787   | 1    | Pin-Counterweight     |
| 25       | 692271   | 1    | Piston Assembly        | 761      | 94593    | 1    | Screw-Hex.            |
|          |          |      | Standard               | 1017     | 693292   | 1    | Screen-Oil Pump       |
|          |          | 1    | Piston Assy .010" O.S. |          |          |      |                       |
|          |          | 1    | Piston Assy..020" O.S. |          |          |      |                       |
|          |          | 1    | Piston Assy..030" O.S. |          |          |      |                       |
| 26       | 690162   | 1    | Ring Set Standard      |          |          |      |                       |
|          |          | 1    | Ring Set .010" O.S.    |          |          |      |                       |
|          |          | 1    | Ring Set .020" O.S.    |          |          |      |                       |
|          |          | 1    | Ring Set .030" O.S.    |          |          |      |                       |
| 27       | 263129   | 1    | Lock-Piston Pin        |          |          |      |                       |
| 28       | 498319   | 1    | Pin-Piston Standard    |          |          |      |                       |

★ Included in Gasket Set-Ref. 358.



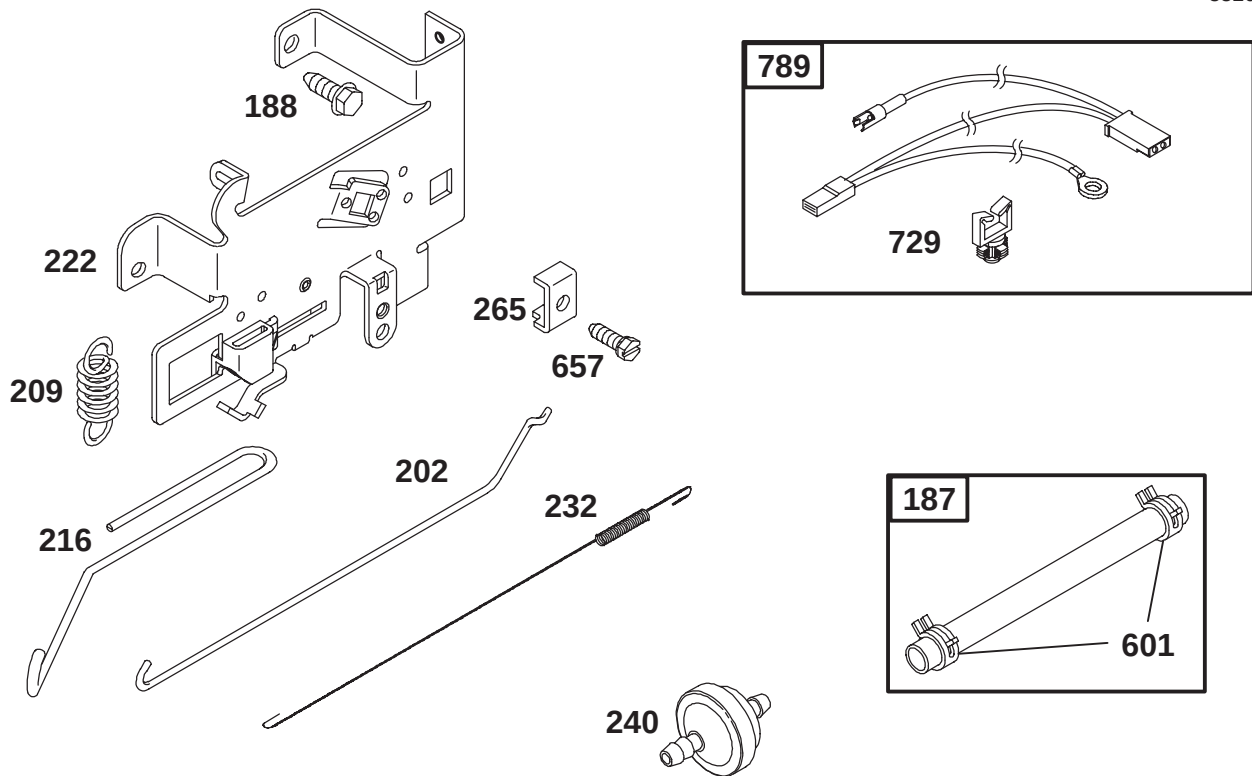
Assemblies include all parts shown in frames.

## Carburetor Assembly Briggs and Stratton Model 312777-0128-E1

| Ref. No. | Part No. | Qty. | Description                   |
|----------|----------|------|-------------------------------|
| ●51      | 273650   | 1    | Gasket-Carburetor             |
| ●93      | 281346   | 1    | Bushing-Throttle Shaft        |
| 94       | 498030   | 1    | Valve-Idle Adjust             |
| ●95      | 94098    | 1    | Screw-Round Head              |
| 98       | 495800   | 1    | Screw-Idle Adjust             |
| ●104     | 231789   | 1    | Pin-Float Hinge               |
| ●105     | 231855   | 1    | Valve-Inlet Needle            |
| ●106     | 231854   | 1    | Seat-Inlet                    |
| 108      | 224558   | 1    | Valve-Choke (Manual)          |
| 108A     | 224540   | 1    | Valve-Choke (Remote)          |
| ●117     | 232118   | 1    | Jet-Main (Standard)           |
|          |          | 1    | Jet-Main (High Altitude)      |
| 125      | 499153   | 1    | Carburetor                    |
| ●127     |          | 1    | Plug-Welch (Sold in Kit Only) |
| 130      | 224539   | 1    | Valve-Throttle                |
| 131      | 494379   | 1    | Shaft-Throttle                |
| 133      | 494381   | 1    | Float-Carburetor              |
| ●◆137    | 281165   | 1    | Gasket-Float Bowl             |
| 141      | 495097   | 1    | Shaft-Choke (Manual)          |
| 141A     | 495931   | 1    | Shaft-Choke (Remote)          |
| ●142     | 232117   | 1    | Nozzle-Carburetor             |
| 186      | 493496   | 1    | Elbow-Fuel Pipe               |

| Ref. No. | Part No. | Qty. | Description          |
|----------|----------|------|----------------------|
| ●◆355    | 281164   | 1    | Washer-Float Bowl    |
| ●634     | 494453   | 1    | Seal-Spring Assembly |
| ●634A    | 494455   | 1    | Seal-Spring Assembly |
| 689      | 262715   | 1    | Spring-Friction      |
| 789      | 497708   | 1    | Harness-Wiring       |
| 947      | 497672   | 1    | Solenoid             |
| 975      | 495933   | 1    | Bowl-Float           |
| ●987     | 281166   | 1    | Seal-Throttle Shaft  |
| 1091     | 691333   | 1    | Cap-Limiter          |

● Included in Carburetor Kit-Ref. 121. ◆ Included in Carburetor Gasket Set-Ref. 977.



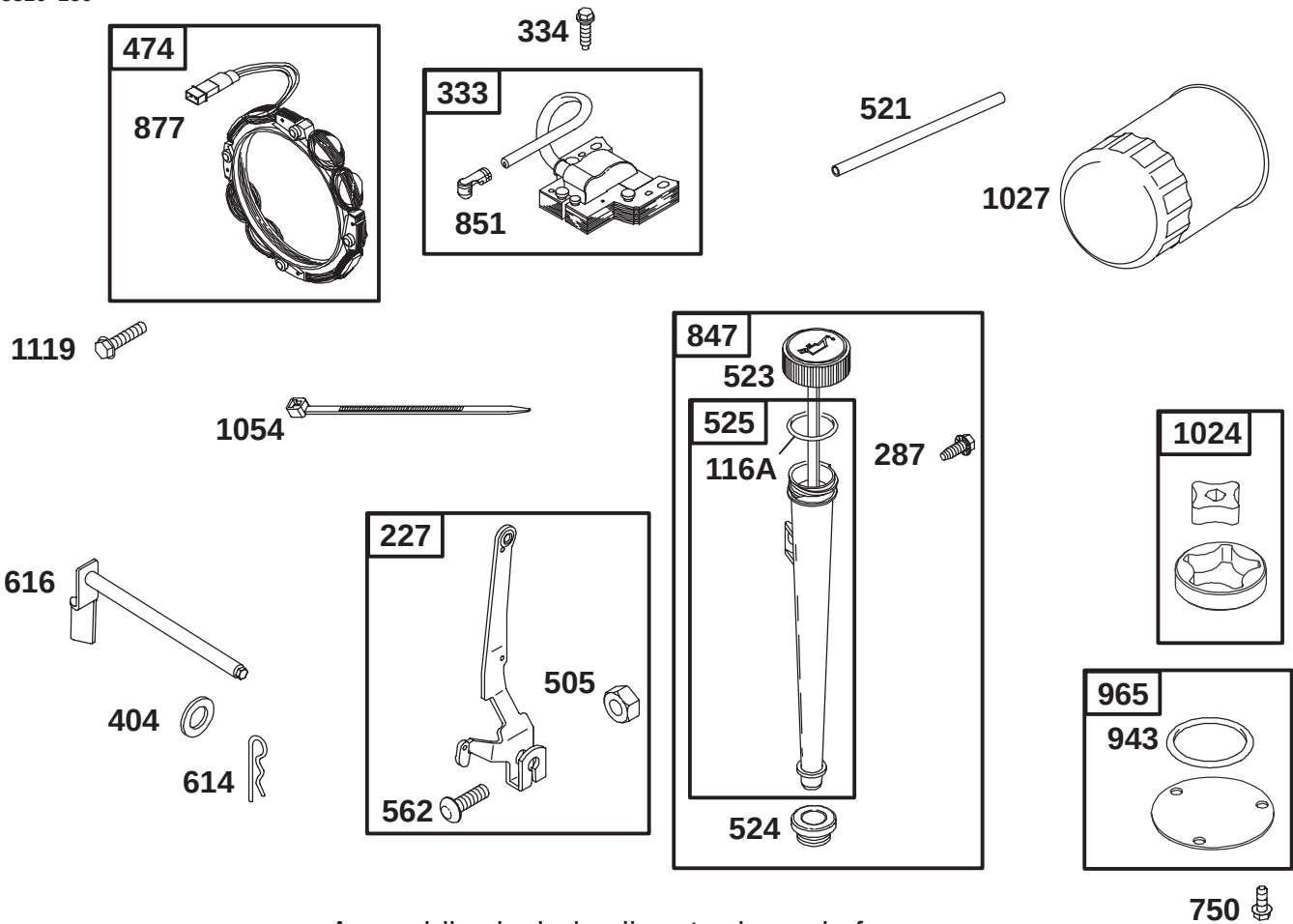
Assemblies include all parts shown in frames.

**Governor Assembly**  
**Briggs and Stratton Model 312777-0128-E1**

| Ref. No. | Part No. | Qty. | Description            |
|----------|----------|------|------------------------|
| 187      | 298049   | 1    | Line—Fuel              |
| 188      | 94929    | 1    | Cut to Required Length |
| 202      | 262767   | 1    | Screw—Hex.             |
| 209      | 260695   | 1    | Link—Choke             |
| 216      | 262766   | 1    | Spring—Governor        |
| 222      | 694042   | 1    | Link—Choke             |
| 232      | 262785   | 1    | Bracket—Control        |
| 240      | 394358   | 1    | Spring—Link            |
| 265      | 221535   | 1    | Filter—Fuel            |
| 601      | 95162    | 1    | Clamp—Casing           |
| 657      | 94906    | 1    | Clamp—Hose             |
| 729      | 281390   | 1    | Screw—Slotted Hex.     |
| 789      | 497708   | 1    | Clip—Wire              |
|          |          | 1    | Harness—Wiring         |

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





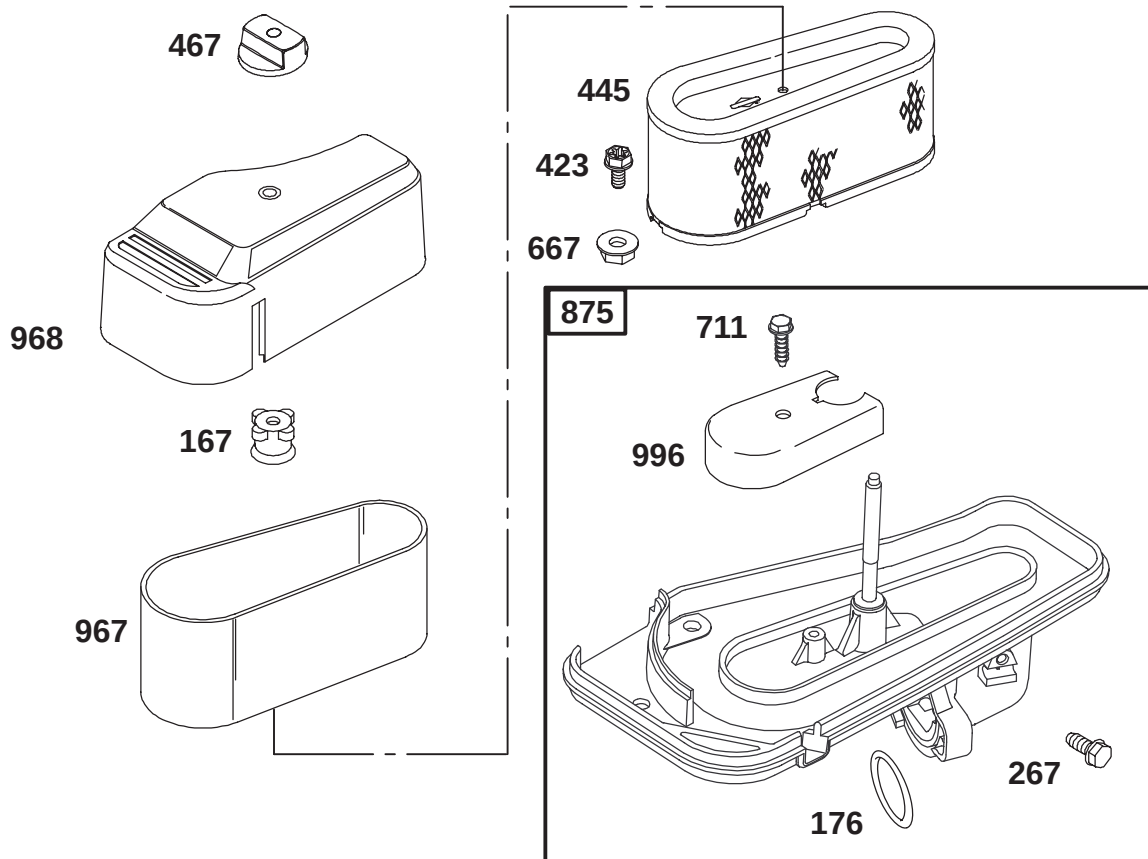
Assemblies include all parts shown in frames.

## Oil Filter, Tube, and Pump Assembly Briggs and Stratton Model 312777-0128-E1

| Ref. No. | Part No. | Qty. | Description            | Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|------------------------|----------|----------|------|-------------|
| ★116A    | 270920   | 1    | Seal-O-Ring            | 1054     | 280275   | 1    | Tie-Cable   |
| 227      | 493935   | 1    | Lever-Governor         | 1119     | 93621    | 1    | Screw-Hex.  |
| 287      | 94903    | 1    | Screw-Shoulder         |          |          |      |             |
| 333      | 495859   | 1    | Armature-Magneto       |          |          |      |             |
| 334      | 94731    | 1    | Screw-Hex.             |          |          |      |             |
| 404      | 94927    | 1    | Washer-Flat            |          |          |      |             |
| 474      | 393474   | 1    | Alternator             |          |          |      |             |
| 505      | 231978   | 1    | Nut-Hex.               |          |          |      |             |
| 521      | 690581   | 1    | Shield-Cable           |          |          |      |             |
| 523      | 495230   | 1    | Dipstick               |          |          |      |             |
| ★524     | 281370   | 1    | Seal-Fill Tube         |          |          |      |             |
| 525      | 691398   | 1    | Tube-Oil Fill          |          |          |      |             |
| 562      | 94907    | 1    | Bolt-Governor Lever    |          |          |      |             |
| 614      | 93306    | 1    | Pin-Cotter             |          |          |      |             |
| 616      | 495157   | 1    | Crank-Governor         |          |          |      |             |
| 750      | 691033   | 1    | Screw-Hex.             |          |          |      |             |
| 847      | 496415   | 1    | Dipstick/Tube Assembly |          |          |      |             |
| 851      | 224110   | 1    | Terminal-Cable         |          |          |      |             |
| 877      | 393456   | 1    | Connector-Alt. Output  |          |          |      |             |
| ★943     | 280801   | 1    | Seal-O-Ring            |          |          |      |             |
| 965      | 499613   | 1    | Cover-Pump             |          |          |      |             |
| 1024     | 499054   | 1    | Pump-Oil               |          |          |      |             |
| 1027     | 492932   | 1    | Filter-Oil             |          |          |      |             |

★ Included in Gasket Set-Ref. 358.





Assemblies include all parts shown in frames.

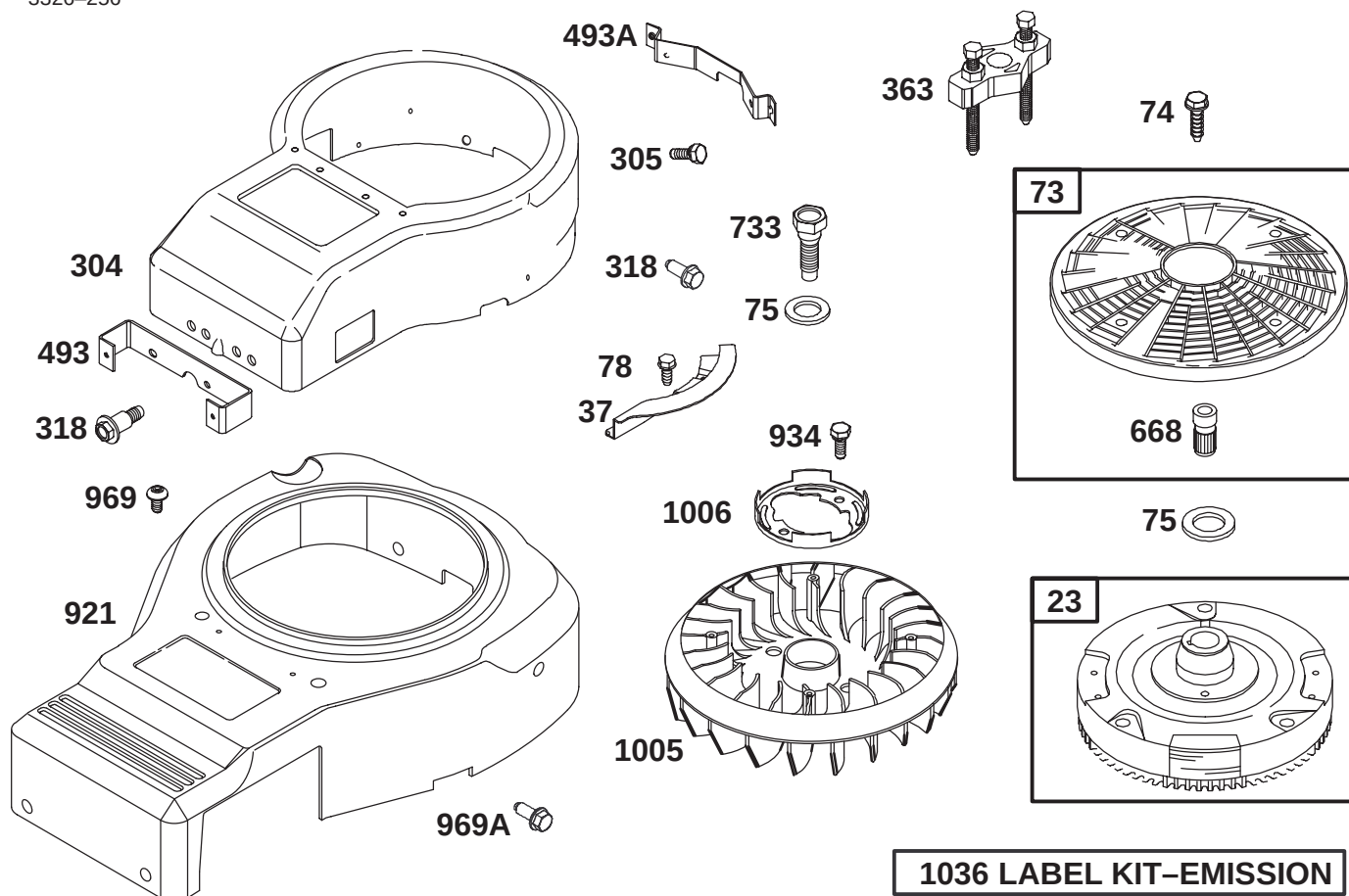
# Air Cleaner Assembly

## Briggs and Stratton Model 312777-0128-E1

| Ref. No. | Part No. | Qty. | Description        |
|----------|----------|------|--------------------|
| 167      | 281051   | 1    | Knob—Air Cleaner   |
| ★176     | 281106   | 1    | Gasket—Air Cleaner |
| 267      | 693675   | 1    | Screw              |
| 423      | 692129   | 1    | Screw—TorxRHex.    |
| 467      | 493903   | 1    | Nut— Air Cleaner   |
| 445      | 496894   |      | Filter—Air Cleaner |
|          |          | 1    | Element            |
| 667      | 94010    | 1    | Nut                |
| 711      | 94704    | 1    | Screw              |
| 875      | 693686   |      | Base—Air Cleaner   |
|          |          | 1    | Plastic            |
| 967      | 272403   | 1    | Filter—Pre—Cleaner |
| 968      | 692355   | 1    | Cover—Air Cleaner  |
| 996      | 690678   | 1    | Shield—Carburetor  |

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

★ Included in Gasket Set—Ref. 358.

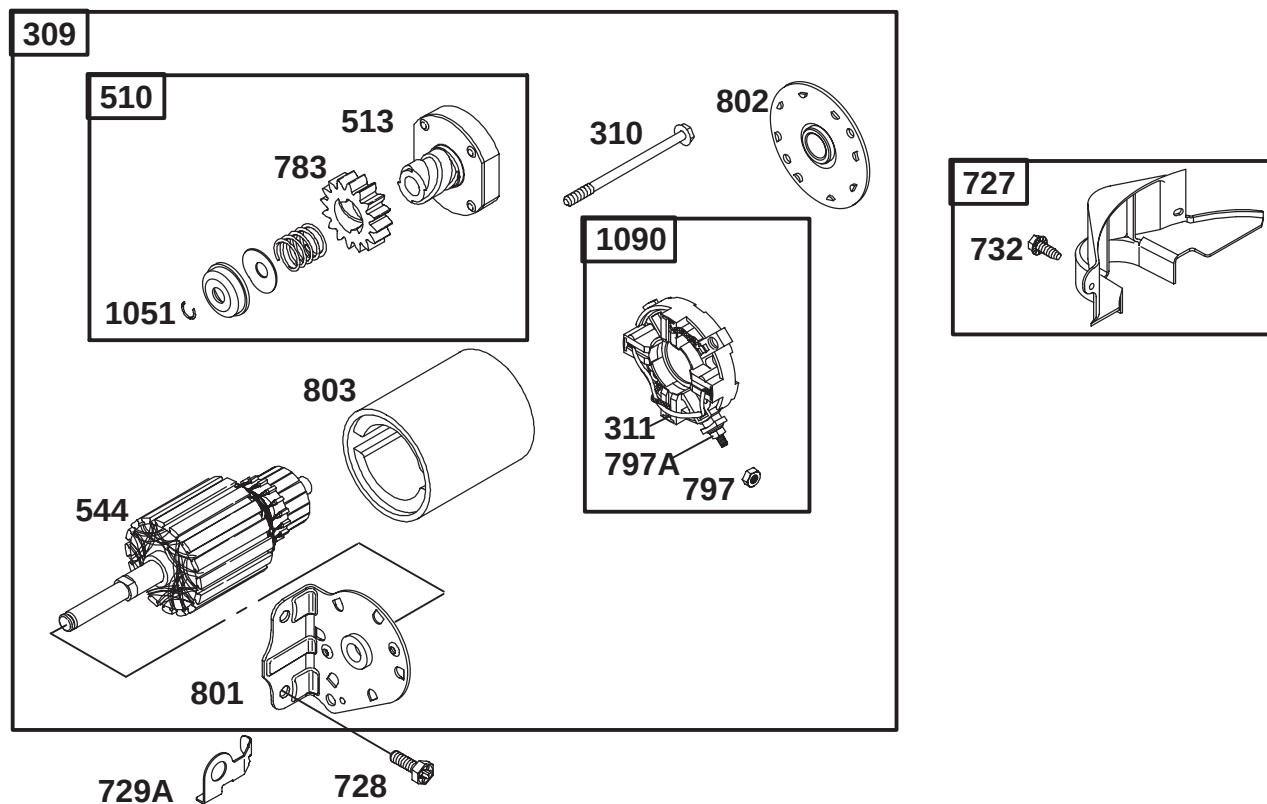


Assemblies include all parts shown in frames.

# Blower Housing Assembly Briggs and Stratton Model 312777-0128-E1

| Ref. No. | Part No. | Qty. | Description               |
|----------|----------|------|---------------------------|
| 23       | 693557   | 1    | Flywheel                  |
| 37       | 690456   | 1    | Guard–Flywheel            |
| 73       | 494439   | 1    | Screen–Rotating           |
| 75       | 225136   | 1    | Washer–Flywheel           |
| 74       | 94821    | 1    | Screw–TorxR               |
| 78       | 94896    | 1    | Screw–Hex.                |
| 304      | 690497   | 1    | Housing–Blower            |
| 305      | 690960   | 1    | Screw–Blower Housing      |
| 318      | 692127   | 1    | Screw–Shoulder            |
| 363      | 19203    | 1    | Flywheel Puller           |
| 493      | 224968   | 1    | Bracket–Mounting<br>Front |
| 493A     | 224969   | 1    | Bracket–Mounting<br>Rear  |
| 668      | 805402   | 1    | Spacer                    |
| 733      | 94673    | 1    | Screw–Shoulder            |
| 921      | 690496   | 1    | Cover–Blower Housing      |
| 934      | 94627    | 1    | Screw–Hex.                |
| 969      | 690365   | 1    | Screw–TorxR               |
| 969A     | 690960   | 1    | Screw–Hex.                |
| 1005     | 281400   | 1    | Fan–Flywheel              |
| 1006     | 690452   | 1    | Retainer–Fan              |
| 1036     | 694332   | 1    | Label Kit–Emission        |

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

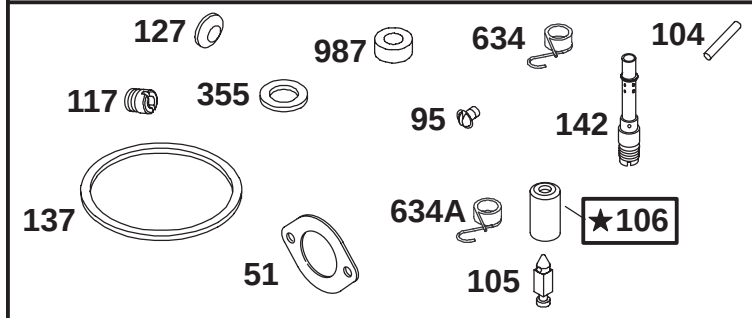


Assemblies include all parts shown in frames.

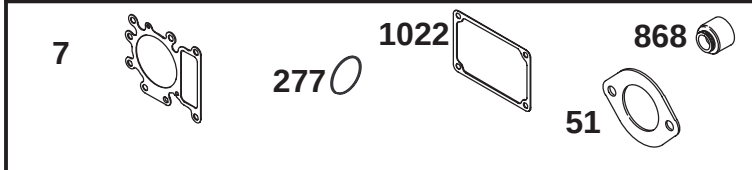
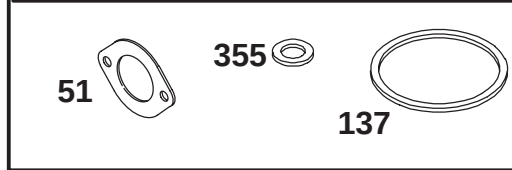
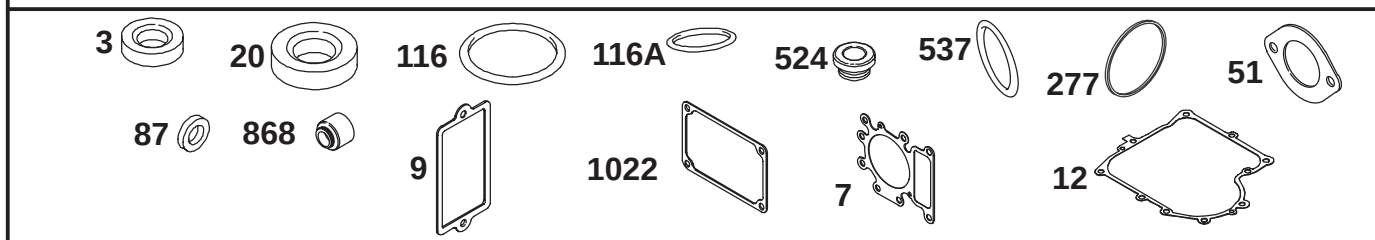
# Starter Assembly

## Briggs and Stratton Model 312777-0128-E1

| Ref. No. | Part No. | Qty. | Description            |
|----------|----------|------|------------------------|
| 309      | 693551   | 1    | Motor–Starter          |
| 310      | 94003    | 1    | Screw (Starter Motor)  |
| 311      | 497608   | 1    | Brush Set              |
| 510      | 693699   | 1    | Drive–Starter          |
| 513      | 398003   | 1    | Clutch–Drive           |
| 544      | 497603   | 1    | Armature–Starter       |
| 697      | 690372   |      | Screw (Starter         |
|          |          | 1    | Motor Mounting)        |
| 727      | 490324   | 1    | Cover–Starter Drive    |
| 729A     | 691224   | 1    | Clip–Wire              |
| 732      | 691097   | 1    | Screw (Starter Drive   |
|          |          |      | Cover)                 |
| 783      | 693713   | 1    | Starter–Pinion (Steel) |
| 797      | 92278    | 1    | Nut (Starter Terminal) |
| 797A     | 693167   | 1    | Nut (Starter Terminal) |
| 801      | 497626   | 1    | Cap–Drive              |
| 802      | 497607   | 1    | Cap–End                |
| 803      | 693757   | 1    | Housing–Starter        |
| 1051     | 263080   | 1    | Ring–Retainer          |
| 1090     | 497605   | 1    | Retainer–Brush         |

**121 CARBURETOR KIT**

★ **REQUIRES SPECIAL TOOLS  
TO INSTALL. SEE REPAIR  
INSTRUCTION MANUAL.**

**1033 VALVE OVERHAUL KIT****977 CARBURETOR GASKET SET****358 GASKET SET**

Assemblies include all parts shown in  
frames.

## Carburetor Overhaul Kit Assembly Briggs and Stratton Model 312777-0128-E1

| Ref. No. | Part No. | Qty. | Description          |
|----------|----------|------|----------------------|
| ★3       | 391086   | 1    | Seal-Oil             |
| ▲★7      | 692410   | 1    | Gasket-Cylinder Head |
| ★9       | 27803    | 1    | Gasket-Breather      |
| ★12      | 271916   | 1    | Gasket-Crankcase     |
|          |          | 1    | .015" Thick          |
|          |          | 1    | Gasket-Crankcase     |
|          |          | 1    | .005" Thick          |
|          |          | 1    | Gasket-Crankcase     |
|          |          | 1    | .009" Thick          |
| ★20      | 291675   | 1    | Seal-Oil             |
| ■51      | 273650   | 1    | Gasket-Intake        |
| ★87      | 491323   | 1    | Seal-Governor Shaft  |
| ●95      | 94098    | 1    | Screw-Choke/Throttle |
| ●104     | 231789   | 1    | Pin-Float Hinge      |
| ●105     | 231855   | 1    | Valve-Needle         |
| ●106     | 231854   | 1    | Seat-Inlet           |
| ★116     | 280801   | 1    | Seal-O-Ring          |
| ★116A    | 270920   | 1    | Seal-O-Ring          |
| ●117     | 232118   | 1    | Jet-Main             |
| 121      | 690191   | 1    | Carburetor Kit       |
| ●127     |          | 1    | Plug-Welch           |
|          |          | 1    | Sold In Kit Only     |
| ◆●137    | 281165   | 1    | Gasket-Float Bowl    |
| ●142     | 231117   | 1    | Nozzle-Carburetor    |

| Ref. No. | Part No. | Qty. | Description           |
|----------|----------|------|-----------------------|
| ▲★277    | 692138   | 1    | Seal-O-Ring           |
| ◆●355    | 281164   | 1    | Washer-Seal           |
| 358      | 690189   | 1    | Gasket Set            |
| ★524     | 281370   | 1    | Seal-Fill Tube        |
| ★537     | 281106   | 1    | Gasket-Air Cleaner    |
| ●634     | 494453   | 1    | Seal-Spring           |
| ●634A    | 494455   | 1    | Assembly LMT 155      |
| ▲★868    | 499236   | 1    | Seal-Spring           |
| 977      | 690192   | 1    | Assembly LMT 154      |
| ●987     | 281166   | 1    | Seal-Valve            |
| ▲★1022   | 272475   | 1    | Gasket Set-Carburetor |
| 1033     | 690190   | 1    | Seal-Throttle Shaft   |
|          |          | 1    | Gasket-Rocker Cover   |
|          |          | 1    | Kit-Valve Overhaul    |

★ Included in Gasket Set-Ref. 358. ● Included in Carburetor Kit-Ref. 121. ■ Included in Kits ★ ▲ ● ◆.

▲ Included in Valve Overhaul Kit-Ref. 1033. ◆ Included in Carburetor Gasket Set-Ref. 977.

## Maintenance Record

[illegible]

## Maintenance Record

[illegible]

## Maintenance Record

[illegible]

