



## 416 XT Garden Tractor

Model No. 72200-230000001 and Up

### Parts Catalog

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#### Ordering Replacement Parts

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

#### Understanding Reference Numbers

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

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

#### Service Assembly Reference Numbers

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

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

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

#### Reference Numbers Indicating Quantity

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

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

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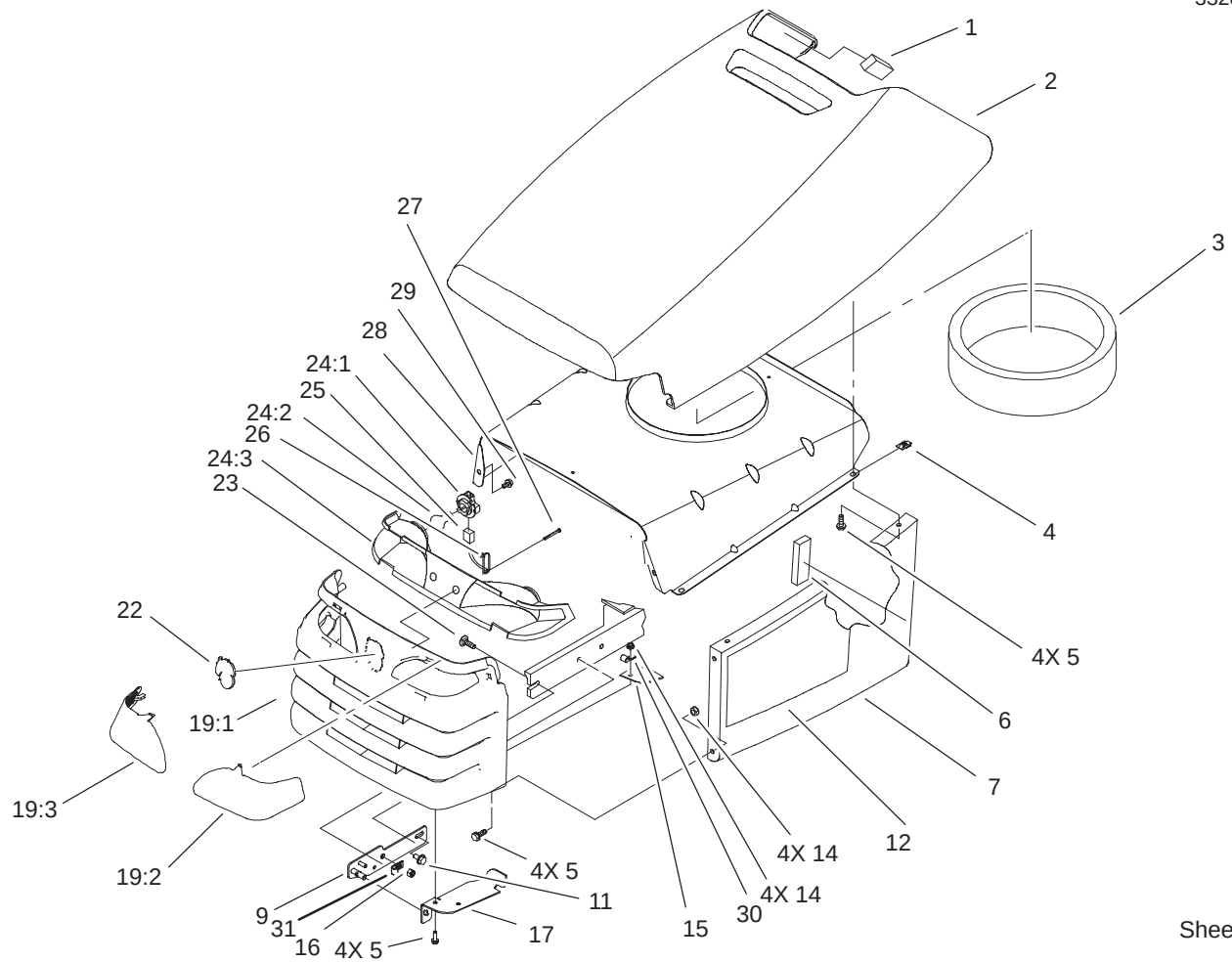
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## Part Description Abbreviations

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                 |
|--------------|-------------------------|
| HYD .....    | hydraulic               |
| 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               |



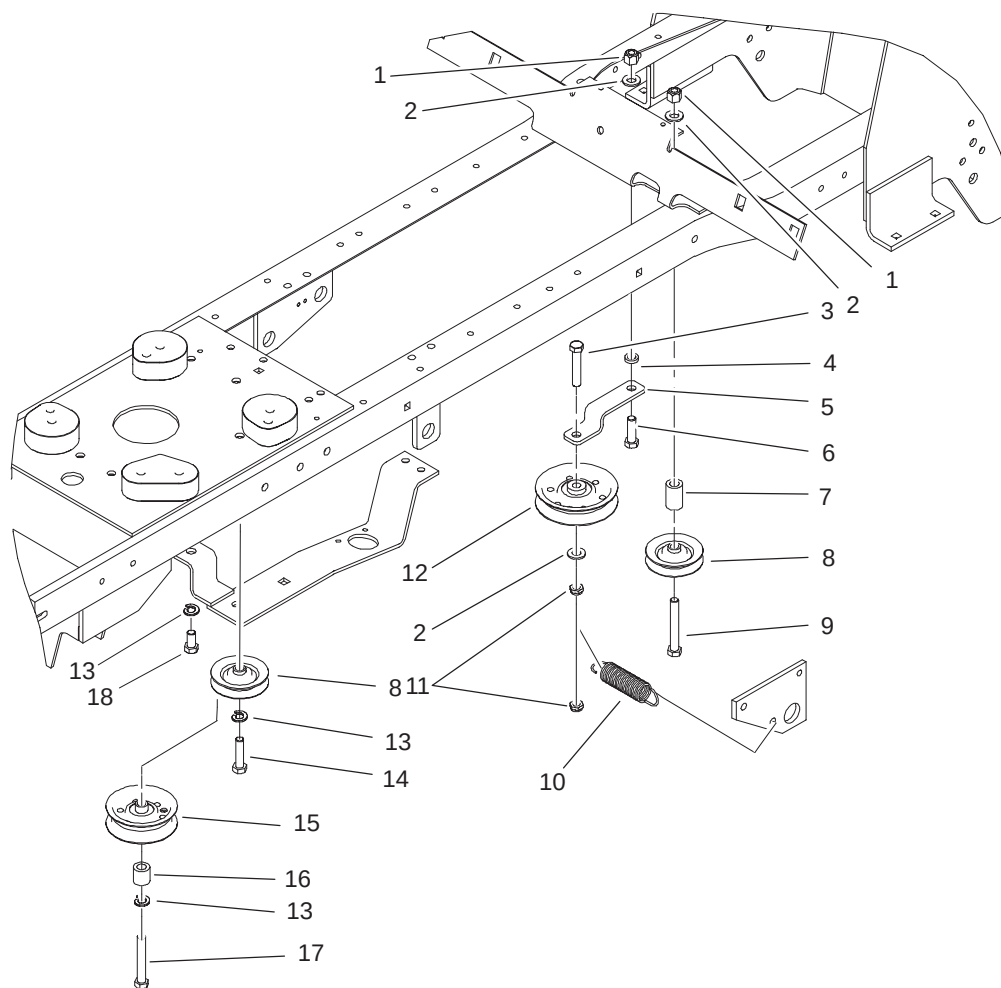
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## Hood and Grill Assembly

| Ref. No. | Part No.    | Qty. | Description             |
|----------|-------------|------|-------------------------|
| 1        | 94-1980     | 2    | Foam-Hood               |
| 2        | 92-6658     | 1    | Hood - Top              |
| 3        | 92-7076     | 1    | Seal-Air Inlet, Twin    |
| 4        | 92-7006     | 4    | Nut                     |
| 5        | 32105-15    | 12   | Screw                   |
| 6        | 92-7148     | 2    | Foam - Sidepanel        |
| 7        | 92-6652     | 1    | Side-LH Hood            |
| *8       | 92-6650     | 1    | Side-RH Hood            |
| 9        | 106-5673-03 | 1    | Bracket-Hinge, LH       |
| *10      | 106-5672-03 | 1    | Bracket-Hinge, RH       |
| 11       | 32144-14    | 2    | Screw-HWH               |
| 12       | 106-5842    | 1    | Decal-Hood LH           |
| *13      | 106-5843    | 1    | Decal-Hood RH           |
| 14       | 32128-10    | 8    | Locknut-Flange          |
| 15       | 106-5676-03 | 2    | Hinge-Hood              |
| 16       | 3296-29     | 2    | Nut-Lock, NI            |
| 17       | 106-5680-03 | 1    | Bracket-Hood, Hinge, LH |
| *18      | 106-5682-03 | 1    | Bracket-Hood, Hinge, RH |
| *19      |             | 1    | Xt Grille ASM           |
| 19:1     | 106-5595    | 1    | Grille-Xt               |
| 19:2     | 106-5693    | 1    | Lens-LH, Xt             |
| 19:3     | 106-5692    | 1    | Lens-RH, Xt             |
| 22       | 95-4248     | 1    | Logo-Horsehead          |
| 23       | 3230-16     | 2    | Screw-CARR              |

| Ref. No. | Part No.   | Qty. | Description              |
|----------|------------|------|--------------------------|
| *24      | 106-9870   | 1    | Reflector And Lamp ASM   |
| 24:1     | 116262     | 2    | Socket-Headlight         |
| 24:2     | 7228       | 2    | Bulb                     |
| 24:3     | 106-9869   | 1    | Reflector                |
| 25       | 106-9890   | 1    | Harness-Wire, Headlights |
| 26       | 614249     | 2    | Strap-Tie                |
| 27       | 94-6961    | 2    | Screw                    |
| 28       | 92-6914-03 | 1    | Baffle-Hood, Upper       |
| 29       | 46-8093    | 2    | Screw-Plastite           |
| 30       | 2412-89    | 1    | Clamp                    |
| 31       | 98-2390    | 1    | Clamp - R                |

\* Not illustrated

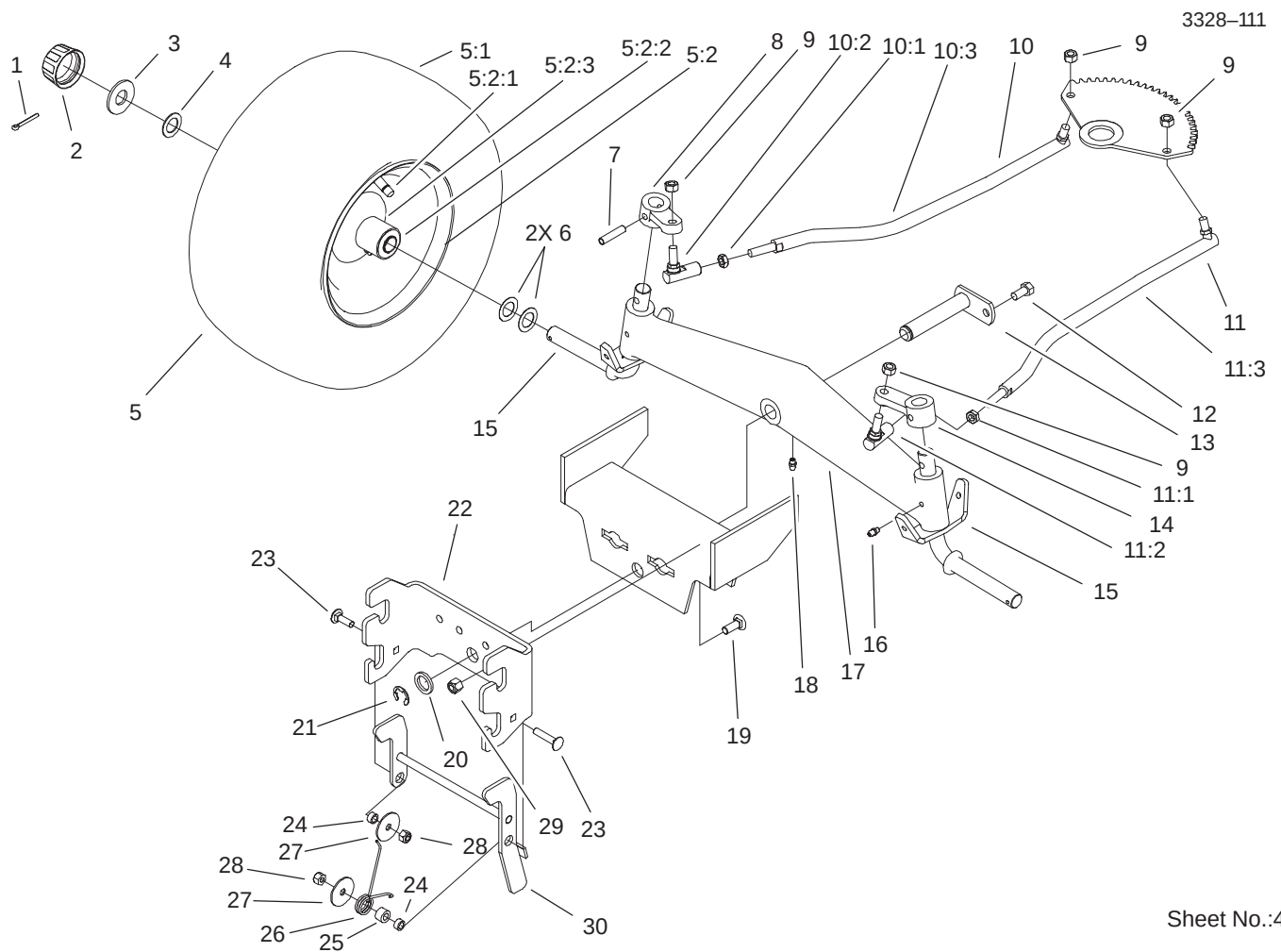


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## Hydro Drive Assembly

| Ref. No. | Part No.    | Qty. | Description                  |
|----------|-------------|------|------------------------------|
| 1        | 3296-39     | 2    | Nut-Lock, NI                 |
| 2        | 3256-24     | 3    | Washer-Flat                  |
| 3        | 323-10      | 1    | Screw-HH                     |
| 4        | 106-5597    | 1    | Spacer-Idler, Traction       |
| 5        | 106-5566-03 | 1    | Bracket-Idler                |
| 6        | 323-7       | 1    | Screw-HH                     |
| 7        | 106-5565    | 1    | Spacer-Idler                 |
| 8        | 93-0320     | 2    | Pulley - Idler, *B           |
| 9        | 323-13      | 1    | Screw-HH                     |
| 10       | 106-5598    | 1    | Spring-Extension             |
| 11       | 3296-59     | 2    | Nut-Lock, NI                 |
| 12       | 92-7101     | 1    | Pulley-Flat Idler            |
| 13       | 3253-5      | 3    | Washer-Lock                  |
| 14       | 323-8       | 1    | Screw-HH                     |
| 15       | 92-7104     | 1    | Pulley-Idler                 |
| 16       | 106-5574    | 1    | Spacer-Mounting,<br>Steering |
| 17       | 323-12      | 1    | Screw-HH                     |
| 18       | 323-4       | 1    | Screw-HH                     |

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



Sheet No.:4

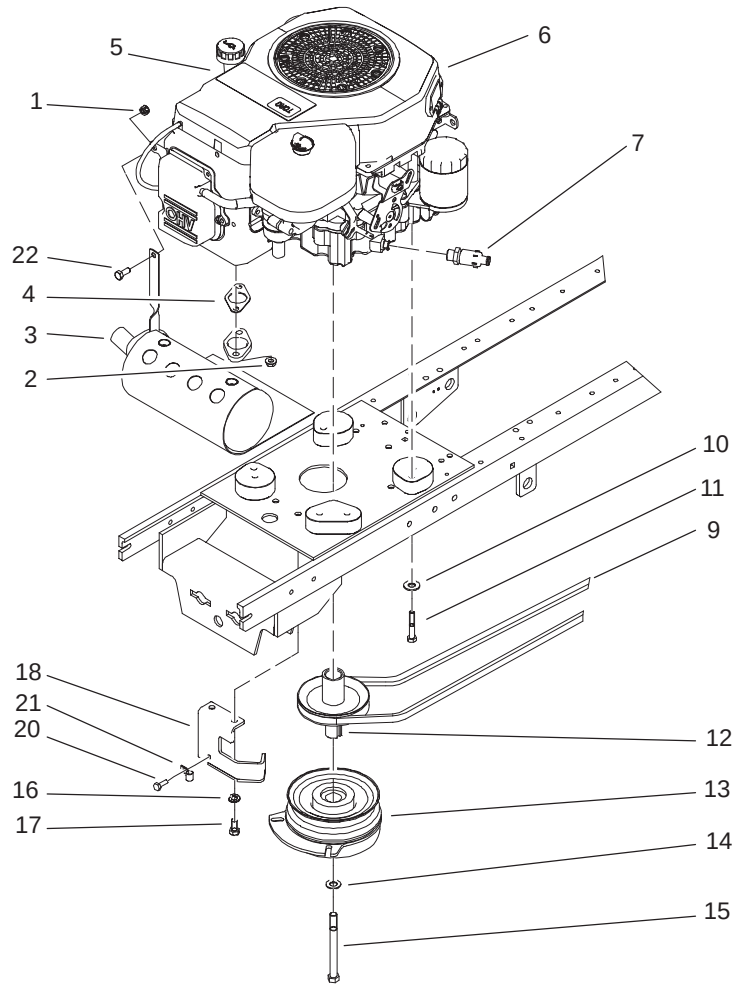
## Front Axle and Front Hitch Assembly

| Ref. No. | Part No.   | Qty. | Description            |
|----------|------------|------|------------------------|
| 1        | 3272-17    | 2    | Pin-Cotter             |
| 2        | 61-9780    | 2    | Cap-Hub                |
| 3        | 28-2480    | 2    | Washer                 |
| 4        | 1278       | 2    | Washer                 |
| ☆5       |            | 2    | Front Wheel & Tire ASM |
| 5:1      | 99-2336    | 1    | Tire                   |
| 5:2      | 93-9801    | 1    | Wheel ASM              |
| 5:2:1    | 5108       | 1    | Valve                  |
| 5:2:2    | 110513     | 2    | Bearing-Wheel          |
| 5:2:3    | 109500     | 1    | Zerk-Grease            |
| *        | 105293     | 1    | Tube-Inner             |
| 6        | 5210       | 4    | Washer-Shim            |
| 7        | 933270     | 2    | Pin                    |
| 8        | 78-1950-03 | 1    | Arm-Front Spindle      |
| 9        | 9150026    | 4    | Nut                    |
| 10       | 92-6883    | 1    | Linkage-Steering, RH   |
| 10:1     | 9150854    | 1    | Nut-Jam                |
| 10:2     | 78-2920    | 1    | Ball-Joint             |
| 10:3     | 78-5801    | 1    | Ball Link ASM          |
| 11       | 92-6884    | 1    | Linkage-Steering, LH   |
| 11:1     | 9150854    | 1    | Nut-Jam                |
| 11:2     | 78-2920    | 1    | Ball-Joint             |
| 11:3     | 78-5811    | 1    | Ball Link ASM          |
| 12       | 9267154    | 1    | Screw                  |
| 13       | 92-7057-03 | 1    | Pin-Axle               |

| Ref. No. | Part No.    | Qty. | Description        |
|----------|-------------|------|--------------------|
| 14       | 78-1940-03  | 1    | Arm-Front Spindle  |
| 15       | 78-2601-03  | 2    | Spindle            |
| 16       | 302-5       | 2    | Fitting-Grease     |
| 17       | 78-7960-03  | 1    | Axle-Front         |
| 18       | 302-11      | 1    | Fitting-Lube, 45°  |
| 19       | 3231-25     | 4    | Screw-CARR         |
| 20       | 9202324     | 1    | Washer             |
| 21       | 5618        | 1    | E-Ring             |
| 22       | 106-4044-03 | 1    | Hitch-Front        |
| 23       | 3230-4      | 2    | Screw-CARR         |
| 24       | 92-6998     | 2    | Spacer-Yoke, Right |
| 25       | 98-4695     | 1    | Spacer             |
| 26       | 106-4048    | 1    | Spring-Torsion     |
| 27       | 3256-68     | 2    | Washer-Flat        |
| 28       | 3296-29     | 2    | Nut-Lock, NI       |
| 29       | 3296-39     | 4    | Nut-Lock, NI       |
| 30       | 106-5637-03 | 1    | Latch ASM          |

☆ Not serviced separately

\* Not illustrated

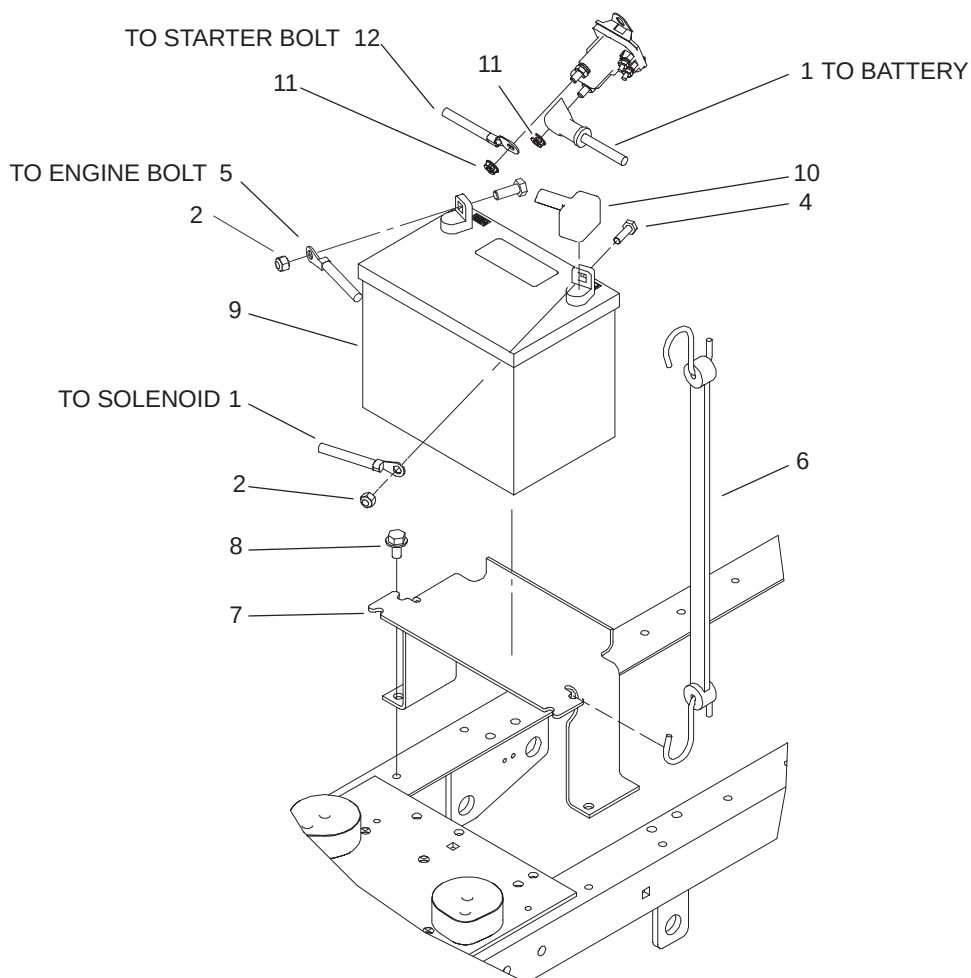


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Single Cylinder Engine, Muffler and PTO Assembly

| Ref. No. | Part No.    | Qty. | Description                          | Ref. No. | Part No. | Qty. | Description |
|----------|-------------|------|--------------------------------------|----------|----------|------|-------------|
| 1        | 3296-29     | 1    | Nut-Lock, NI                         |          |          |      |             |
| 2        | 92-6780     | 2    | Nut-HF                               |          |          |      |             |
| 3        | 106-5670    | 1    | Muffler-Kohler Xt                    |          |          |      |             |
| 4        | 92-6716     | 1    | Gasket-Exhaust                       |          |          |      |             |
| 5        | 104-4693    | 1    | Decal-Power Plus 16                  |          |          |      |             |
| ☆6       |             | 1    | Engine-Kohler Model No. Cv460s-26518 |          |          |      |             |
| 7        | 92-6877     | 1    | Valve-Drain, Oil                     |          |          |      |             |
| 9        | 106-5813    | 1    | V-Belt, Xt Traction                  |          |          |      |             |
| 10       | 3253-4      | 4    | Washer-Lock                          |          |          |      |             |
| 11       | 33114-050   | 4    | Screw-HH                             |          |          |      |             |
| 12       | 106-5665-03 | 1    | Pulley-Engine                        |          |          |      |             |
| 13       | 106-4099    | 1    | Clutch-Xt                            |          |          |      |             |
| 14       | 3256-25     | 1    | Washer-Flat                          |          |          |      |             |
| 15       | 3212-19     | 1    | Screw-HH                             |          |          |      |             |
| 16       | 3253-5      | 2    | Washer-Lock                          |          |          |      |             |
| 17       | 323-4       | 2    | Screw-HH                             |          |          |      |             |
| 18       | 106-5685-03 | 1    | PTO Stop ASM                         |          |          |      |             |
| 20       | 32144-4     | 1    | Screw-HWH                            |          |          |      |             |
| 21       | 2412-89     | 1    | Clamp                                |          |          |      |             |
| 22       | 322-3       | 1    | Screw-HH                             |          |          |      |             |

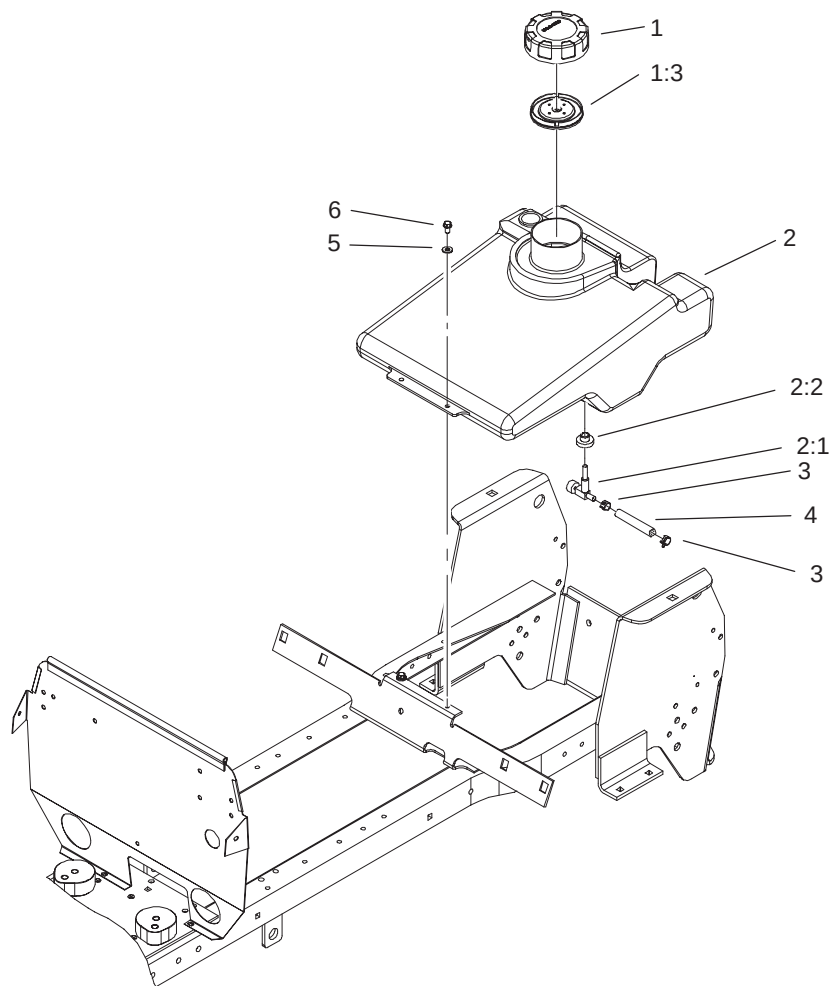
☆ Not serviced separately



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## Battery Assembly

| Ref. No. | Part No.    | Qty. | Description          |
|----------|-------------|------|----------------------|
| 1        | 106-8268    | 1    | Cable-Battery, Red   |
| 2        | 3296-29     | 2    | Nut-Lock, NI         |
| 4        | 322-4       | 2    | Screw-HH             |
| 5        | 105-0836    | 1    | Cable-Battery, Black |
| 6        | 104-2467    | 1    | Hold-Down, Battery   |
| 7        | 104-0812-03 | 1    | Bracket-Battery      |
| 8        | 32144-14    | 2    | Screw-HWH            |
| 9        | 104-2491    | 1    | Battery              |
| 10       | 28-8080     | 1    | Boot-Terminal        |
| 11       | 32149-2     | 2    | Nut                  |
| 12       | 106-8269    | 1    | Cable-Battery, Red   |



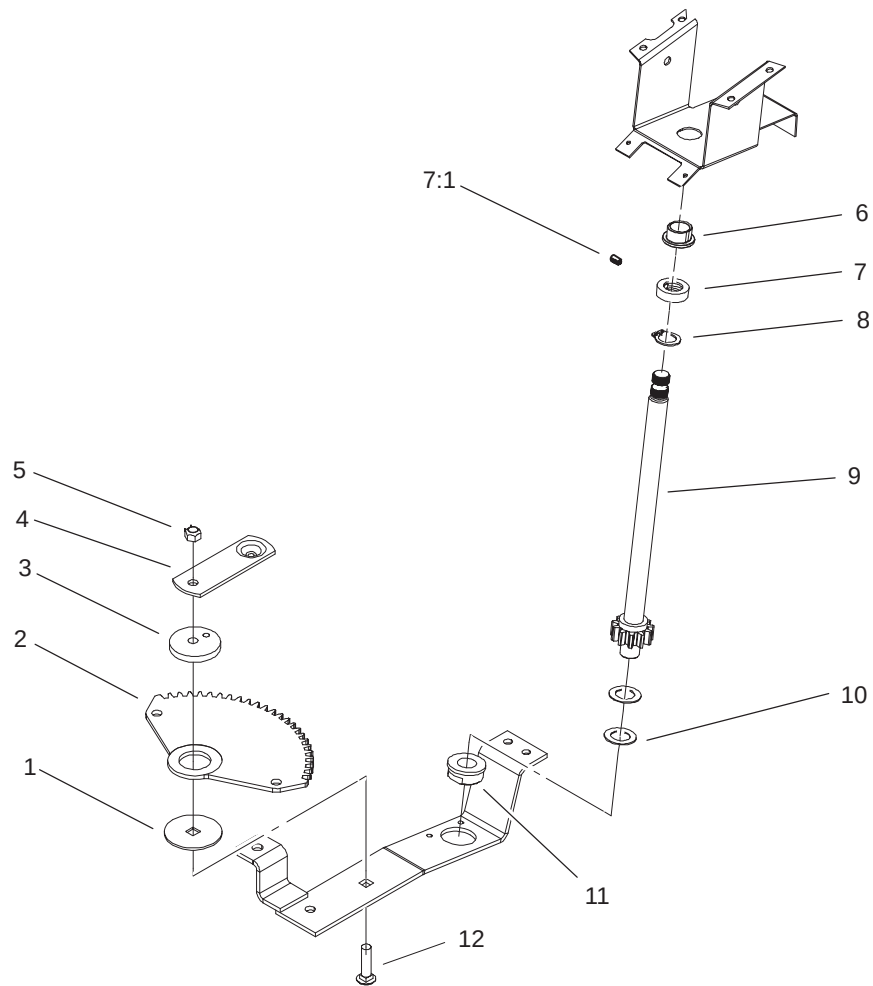
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## Fuel Tank Assembly

| Ref. No. | Part No. | Qty. | Description        |
|----------|----------|------|--------------------|
| 1        | 88-3980  | 1    | Gas Cap ASM        |
| 1:3      | 88-4010  | 1    | Gasket-Cap, Gas    |
| 2        | 94-6928  | 1    | Tank - Gas         |
| 2:1      | 104048   | 1    | Valve-Fuel         |
| 2:2      | 104047   | 1    | Bushing            |
| 3        | 2412-98  | 2    | Clamp              |
| 4        | 106-9876 | 1    | Hose-Fuel Line, Xt |
| 5        | 3256-22  | 2    | Washer-Flat        |
| 6        | 32144-4  | 2    | Screw-HWH          |

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



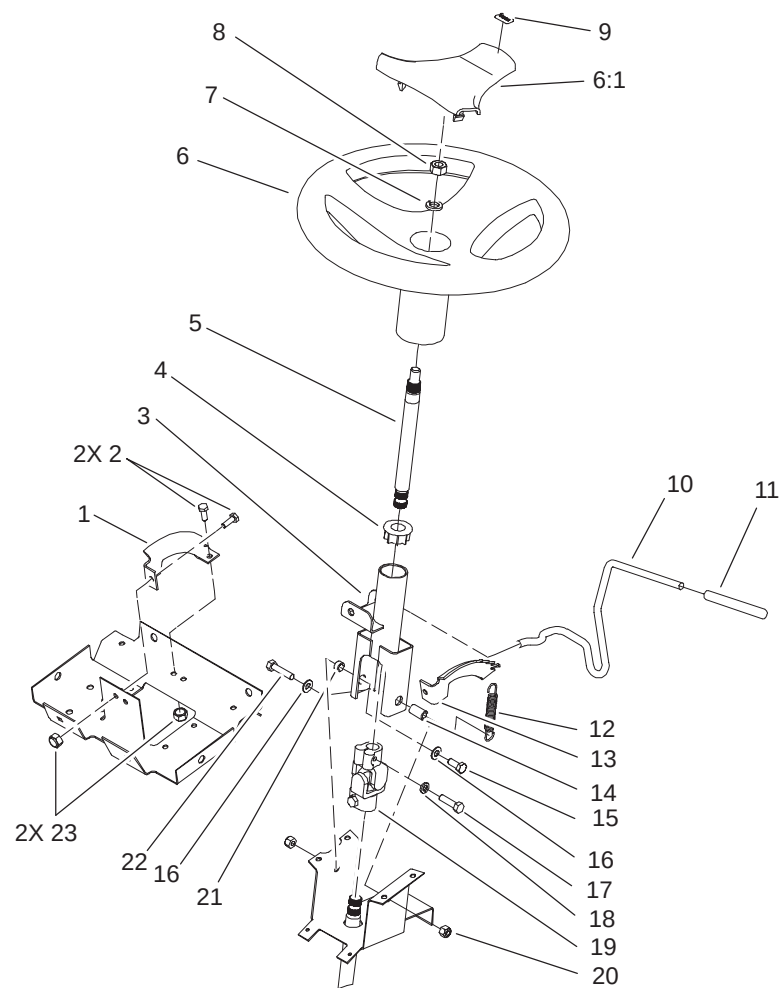


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## Lower Steering Wheel and Tilt Assembly

| Ref. No. | Part No.   | Qty. | Description          |
|----------|------------|------|----------------------|
| 1        | 111419     | 1    | Washer-Bearing       |
| 2        | 78-2610    | 1    | Gear-Sector          |
| 3        | 111418     | 1    | Bushing              |
| 4        | 78-9150-03 | 1    | Plate                |
| 5        | 108881     | 1    | Nut                  |
| 6        | 109189     | 1    | Bearing-Flanged      |
| 7        | 111383     | 1    | Collar               |
| 7:1      | 3245-32    | 1    | Screw-HS             |
| 8        | 111646     | 1    | Ring-Retaining       |
| 9        | 92-6702    | 1    | Shaft-Lower Steering |
| 10       | 1278       | 2    | Washer               |
| 11       | 110391     | 1    | Bearing-Wheel        |
| 12       | 3231-4     | 1    | Screw-CARR           |

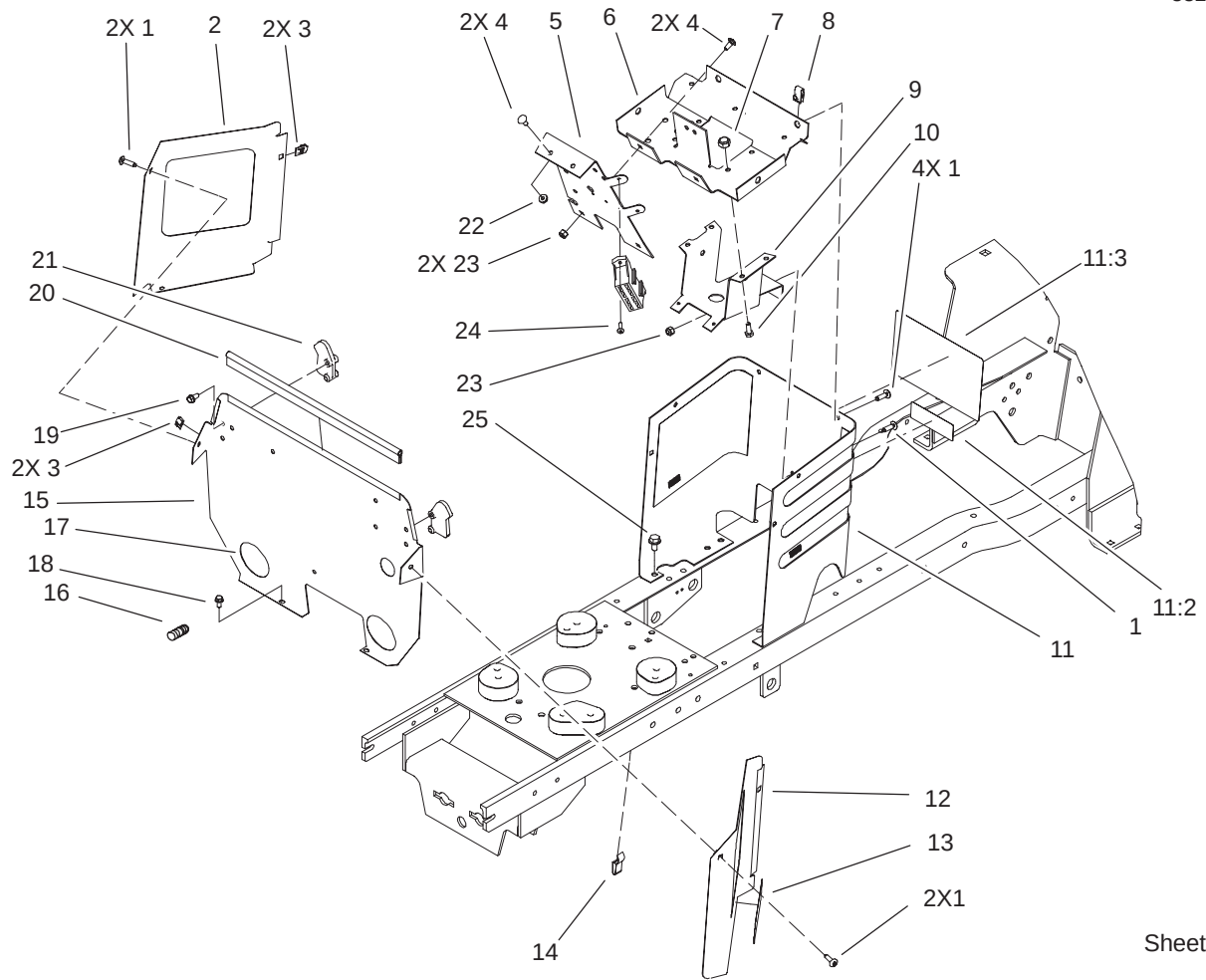
| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |



Sheet No.:10

Steering Wheel and Tilt Assembly

| Ref. No. | Part No.   | Qty. | Description                  | Ref. No. | Part No. | Qty. | Description  |
|----------|------------|------|------------------------------|----------|----------|------|--------------|
| 1        | 92-6777-03 | 1    | Bracket – Support Column     | 22       | 322-17   | 1    | Screw-HH     |
| 2        | 321-4      | 4    | Screw-HH                     | 23       | 3296-8   | 4    | Nut-Lock, NI |
| 3        | 93-1148-03 | 1    | Column                       |          |          |      |              |
| 4        | 93-1146    | 1    | Bushing-Upper, Steering      |          |          |      |              |
| 5        | 94-2874    | 1    | Shaft-Short, Steering        |          |          |      |              |
| 6        | 98-1471    | 1    | Wheel-Steering               |          |          |      |              |
| 6:1      | 98-1468    | 1    | Cover-Wheel, Steering        |          |          |      |              |
| 7        | 3253-7     | 1    | Washer-Lock                  |          |          |      |              |
| 8        | 3217-9     | 1    | Nut-Hex                      |          |          |      |              |
| 9        | 98-1459    | 1    | Decal                        |          |          |      |              |
| 10       | 92-6971    | 1    | Lever – Tilt                 |          |          |      |              |
| 11       | 92-6798    | 1    | Cap-Rod, Tilt                |          |          |      |              |
| 12       | 93-1357    | 1    | Spring – Extension, Steering |          |          |      |              |
| 13       | 92-6776    | 1    | Bracket – Detent             |          |          |      |              |
| 14       | 92-6999    | 1    | Spacer-Yoke                  |          |          |      |              |
| 15       | 322-3      | 1    | Screw-HH                     |          |          |      |              |
| 16       | 3256-23    | 2    | Washer-Flat                  |          |          |      |              |
| 17       | 33114-030  | 2    | Screw-HH                     |          |          |      |              |
| 18       | 3253-4     | 2    | Washer-Lock                  |          |          |      |              |
| 19       | 92-6717    | 1    | U Joint – Steering           |          |          |      |              |
| 20       | 3296-29    | 2    | Nut-Lock, NI                 |          |          |      |              |
| 21       | 92-6998    | 1    | Spacer-Yoke, Right           |          |          |      |              |



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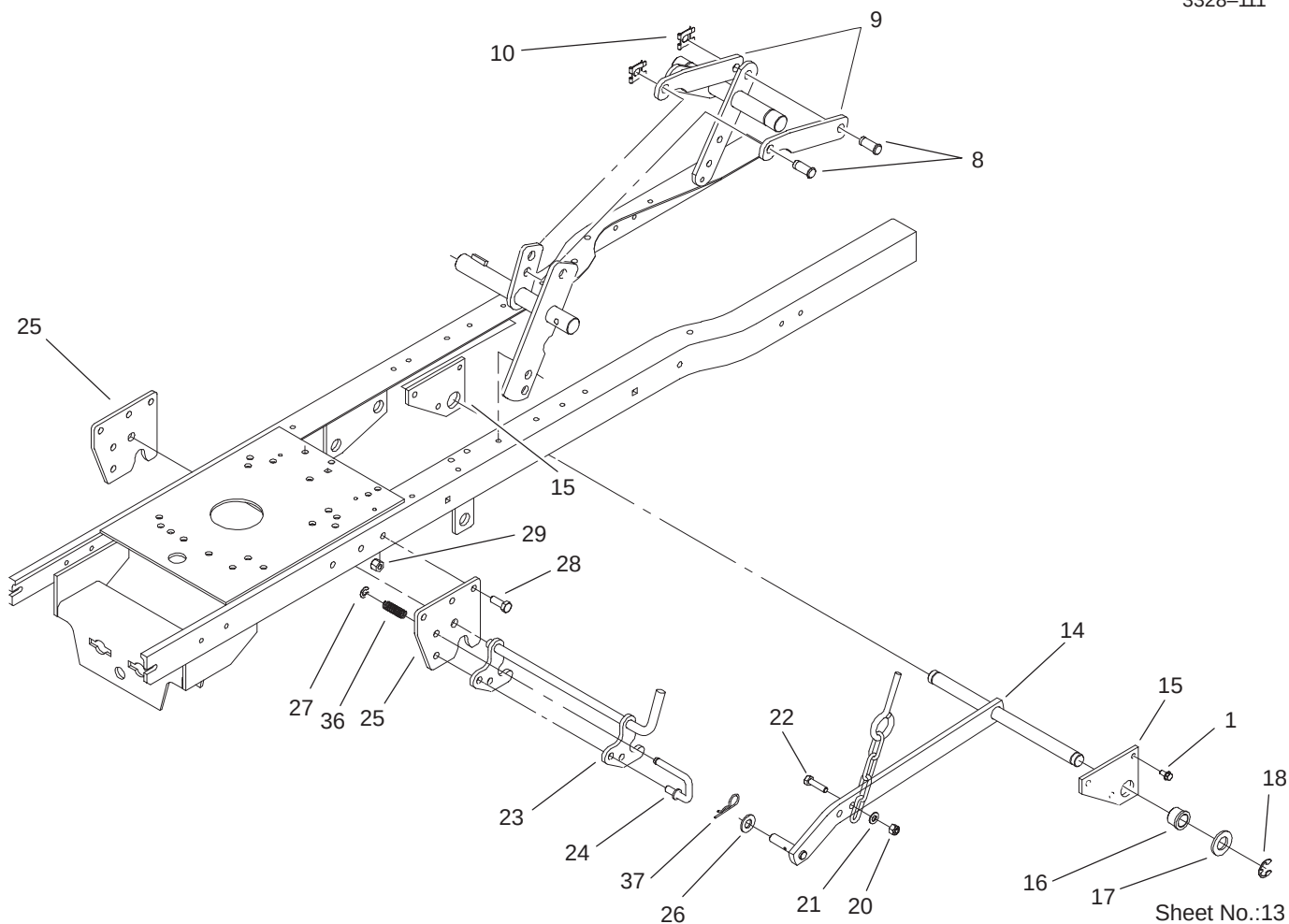
## Hoodstand and Firewall Assembly

| Ref. No. | Part No.    | Qty. | Description            |
|----------|-------------|------|------------------------|
| 1        | 92-7020     | 9    | Screw-HH               |
| 2        | 92-6937-03  | 1    | Cover-RH Side          |
| 3        | 92-7006     | 4    | Nut                    |
| 4        | 3229-11     | 4    | Screw-CARR             |
| 5        | 106-8246-03 | 1    | Panel-Support, Dash    |
| 6        | 92-6859-03  | 1    | Support - Dash         |
| 7        | 3296-8      | 4    | Nut-Lock, NI           |
| 8        | 107069      | 4    | Clip                   |
| 9        | 92-6778-03  | 1    | Bracket-Lower Column   |
| 10       | 321-4       | 4    | Screw-HH               |
| 11       | 106-5576    | 1    | Hoodstand W/Decals ASM |
| 11:2     | 83-6620     | 1    | Decal - Instruction    |
| 11:3     | 93-0302     | 1    | Decal - Danger         |
| 12       | 92-6936-03  | 1    | Cover-LH Side          |
| 13       | 106-5816    | 2    | Decal-416 Xt           |
| 14       | 212-93      | 1    | Clamp-Casing           |
| 15       | 104-0818-03 | 1    | Firewall               |
| 16       | 106-4146    | 1    | Harness-Wire, 416xt    |
| 17       | 24-7924     | 2    | Cover-Drive Shaft      |
| 18       | 32144-4     | 2    | Screw-HWH              |
| 19       | 46-8093     | 2    | Screw-Plastite         |
| 20       | 93-1131     | 1    | Trim-Seal Firewall     |
| 21       | 92-6960     | 2    | Latch - Hood           |
| 22       | 32149-2     | 2    | Nut                    |

| Ref. No. | Part No. | Qty. | Description  |
|----------|----------|------|--------------|
| 23       | 3296-42  | 3    | Nut-Lock, NI |
| 24       | 32144-8  | 2    | Screw-HH     |
| 25       | 32144-14 | 2    | Screw-HWH    |

## Manual Lift Lever Assembly

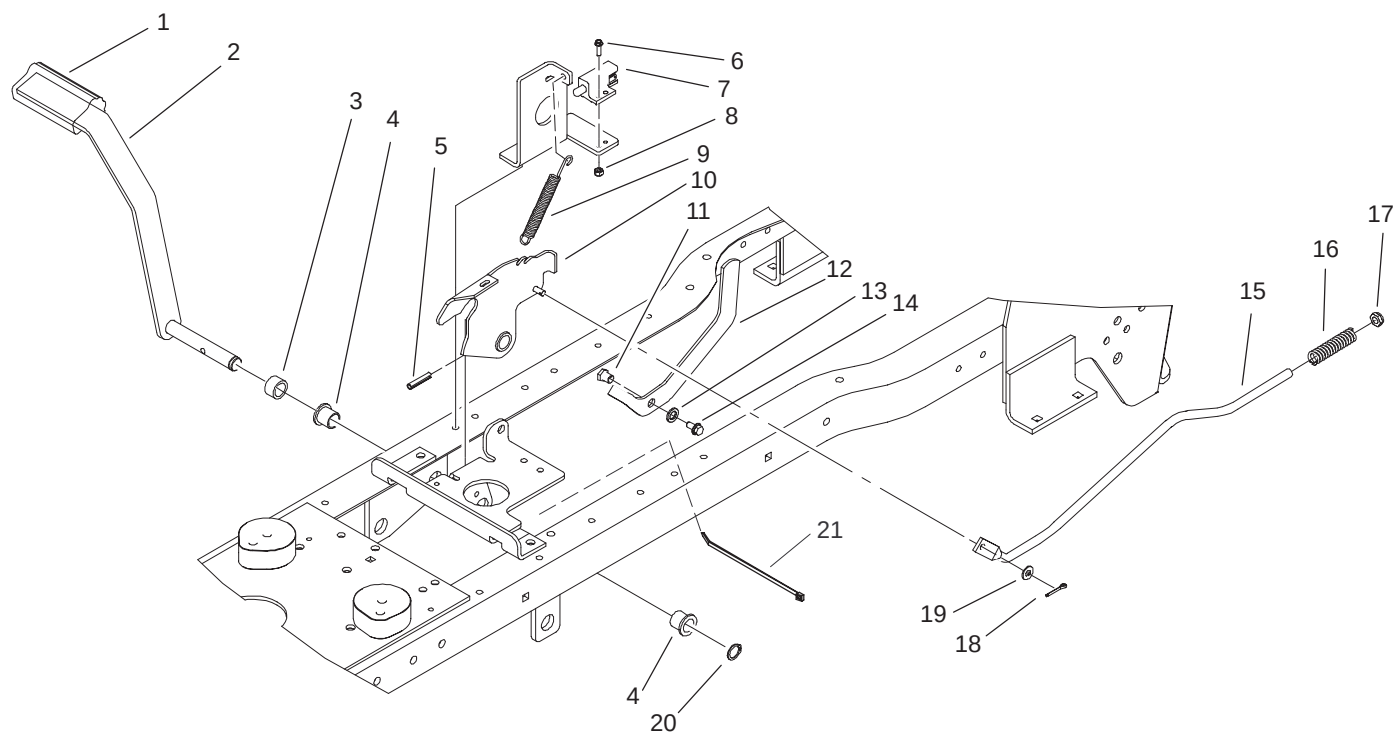
| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |



## Electric Lift Assembly

| Ref. No. | Part No.    | Qty. | Description         |
|----------|-------------|------|---------------------|
| 1        | 32144-14    | 2    | Screw-HWH           |
| 8        | 98-1639     | 2    | Pin-Clevis          |
| 9        | 106-5691-03 | 2    | Strap-Link, Lift    |
| 10       | 95-4064     | 2    | Clip-Pin            |
| 14       | 106-4065-03 | 1    | Lift Bar ASM        |
| 15       | 106-4066    | 2    | Plate-Lift, Rear    |
| 16       | 98-1636     | 2    | Bushing - Flange    |
| 17       | 3256-28     | 2    | Washer-Flat         |
| 18       | 32151-48    | 2    | E-Ring              |
| 20       | 3296-29     | 1    | Nut-Lock, NI        |
| 21       | 3256-23     | 1    | Washer-Flat         |
| 22       | 322-6       | 1    | Screw-HH            |
| 23       | 106-4091    | 1    | Midhitch Latch ASM  |
| 24       | 106-4095    | 1    | Rod-Catch, Midhitch |
| 25       | 106-4060    | 2    | Plate-Hitch         |
| 26       | 3256-26     | 1    | Washer-Flat         |
| 27       | 105797      | 1    | Ring-Retaining      |
| 28       | 323-46      | 6    | Screw-HH            |
| 29       | 3296-39     | 6    | Nut-Lock, NI        |
| 36       | 8616        | 1    | Spring              |
| 37       | 9335054     | 1    | Pin-Hair            |

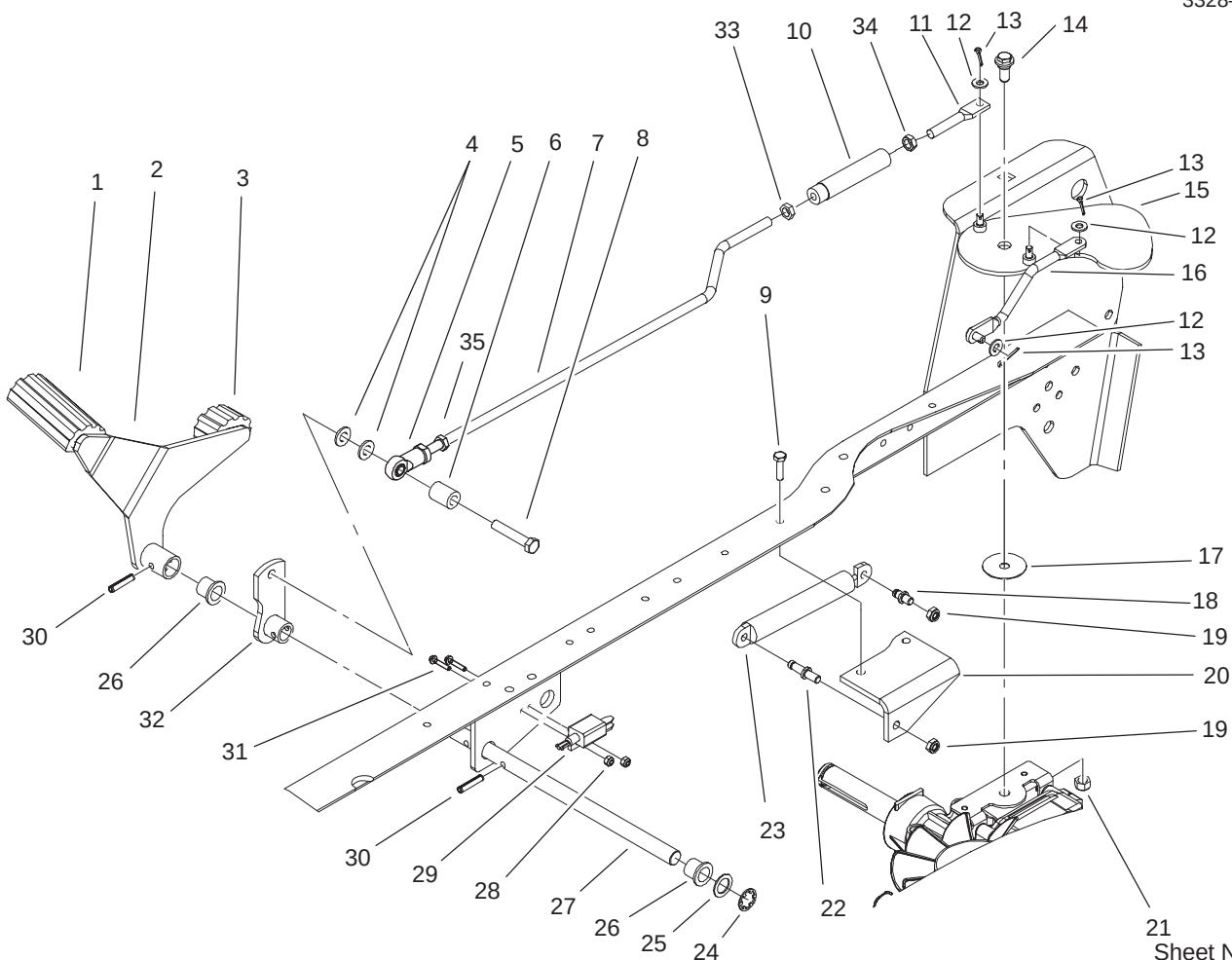
| Ref. No. | Part No. | Qty. | Description |
|----------|----------|------|-------------|
|          |          |      |             |



Sheet No.:14

Brake Assembly

| Ref. No. | Part No.    | Qty. | Description           | Ref. No. | Part No. | Qty. | Description |
|----------|-------------|------|-----------------------|----------|----------|------|-------------|
| 1        | 65-2920     | 1    | Pad-Pedal             |          |          |      |             |
| 2        | 106-4068-03 | 1    | Brake Pedal ASM       |          |          |      |             |
| 3        | 92-6982     | 1    | Spacer - Brake        |          |          |      |             |
| 4        | 256-90      | 2    | Bushing-Flange        |          |          |      |             |
| 5        | 32121-69    | 1    | Pin-Spring            |          |          |      |             |
| 6        | 3290-392    | 2    | Screw-HHF             |          |          |      |             |
| 7        | 95-1653     | 1    | Switch-Pole, Single   |          |          |      |             |
| 8        | 3296-1      | 2    | Nut-Lock, NI          |          |          |      |             |
| 9        | 93-0540     | 1    | Spring - Extension    |          |          |      |             |
| 10       | 106-4069    | 1    | Brake ASM             |          |          |      |             |
| 11       | 47-4990     | 1    | Post-Linkage Mounting |          |          |      |             |
| 12       | 106-4075-03 | 1    | Lever, Brake-Parking  |          |          |      |             |
| 13       | 106-5592    | 1    | Spacer-Brake, Parking |          |          |      |             |
| 14       | 3234-13     | 1    | Screw-HHF             |          |          |      |             |
| 15       | 106-5621    | 1    | Rod-Brake             |          |          |      |             |
| 16       | 104-0837    | 1    | Spring-Compression    |          |          |      |             |
| 17       | 3296-5      | 1    | Nut-Lock, NI          |          |          |      |             |
| 18       | 3272-6      | 1    | Pin-Cotter            |          |          |      |             |
| 19       | 3256-22     | 1    | Washer-Flat           |          |          |      |             |
| 20       | 32151-62    | 1    | Ring-Retaining        |          |          |      |             |
| 21       | 614249      | 1    | Strap-Tie             |          |          |      |             |

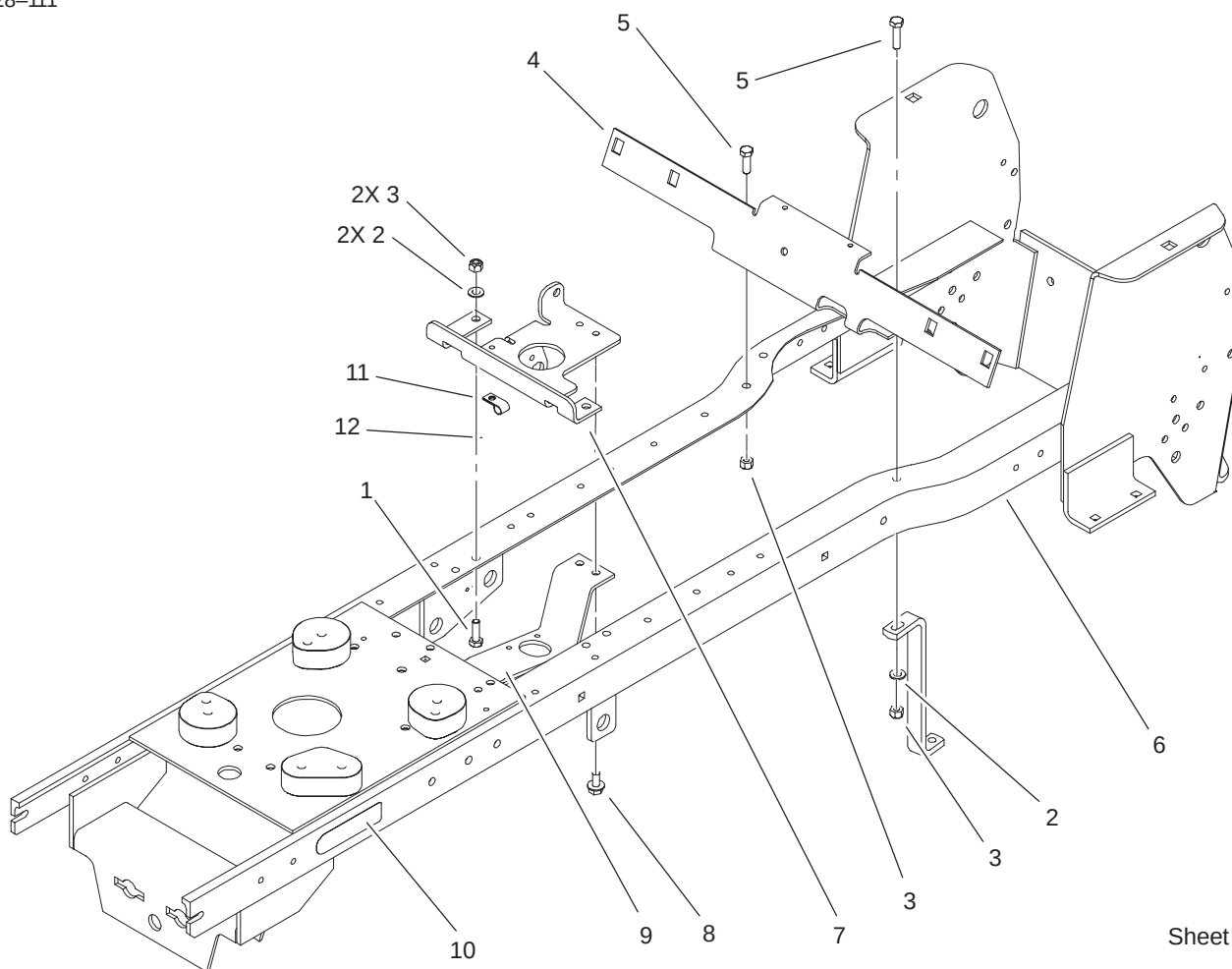


Sheet No.:15

## Hydro Control Assembly

| Ref. No. | Part No.    | Qty. | Description                |
|----------|-------------|------|----------------------------|
| 1        | 92-6902     | 1    | Pad-Pedal                  |
| 2        | 106-5649-03 | 1    | Hydro Pedal ASM,           |
| 3        | 92-6903     | 1    | Pad-Pedal                  |
| 4        | 3256-24     | 2    | Washer-Flat                |
| 5        | 92-7008     | 1    | End-Rod, Female            |
| 6        | 106-5620    | 1    | Tube-Interlock             |
| 7        | 106-5613    | 1    | Rod-Hydro                  |
| 8        | 323-10      | 1    | Screw-HH                   |
| 9        | 32144-70    | 1    | Screw-HH                   |
| 10       | 95-1504     | 1    | Turnbuckle                 |
| 11       | 106-5690    | 1    | Link-Hydro                 |
| 12       | 3256-23     | 3    | Washer-Flat                |
| 13       | 3272-6      | 3    | Pin-Cotter                 |
| 14       | 94-7582     | 1    | Bolt - Shoulder            |
| 15       | 106-5579    | 1    | Cruise Plate ASM           |
| 16       | 106-5577    | 1    | Bell Crank Rod ASM         |
| 17       | 94-7575     | 1    | Spacer - Cruise            |
| 18       | 100-6056    | 1    | Arm-Control, Pin<br>Damper |
| 19       | 3296-20     | 2    | Nut-Lock, NI               |
| 20       | 106-8247-03 | 1    | Bracket-Damper             |
| 21       | 108881      | 1    | Nut                        |
| 22       | 100-6057    | 1    | Pin-Damper Bracket         |
| 23       | 100-8732    | 1    | Damper-Gas                 |
| 24       | 32151-40    | 1    | Ring-Retaining             |
| 25       | 3256-29     | 1    | Washer-Flat                |

| Ref. No. | Part No.    | Qty. | Description           |
|----------|-------------|------|-----------------------|
| 26       | 256-90      | 2    | Bushing-Flange        |
| 27       | 106-5648    | 1    | Shaft-Pivot, Hydro    |
| 28       | 3296-1      | 2    | Nut-Lock, NI          |
| 29       | 106-4145    | 1    | Switch-Adjustable, Nc |
| 30       | 32121-69    | 2    | Pin-Spring            |
| 31       | 32105-29    | 2    | Screw-SHWH            |
| 32       | 106-5560-03 | 1    | Hydro Link ASM        |
| 33       | 3220-3      | 1    | Nut-Jam               |
| 34       | 106-8248    | 1    | Nut-Jam, Hex LH       |
| 35       | 3218-3      | 1    | Nut-Jam               |



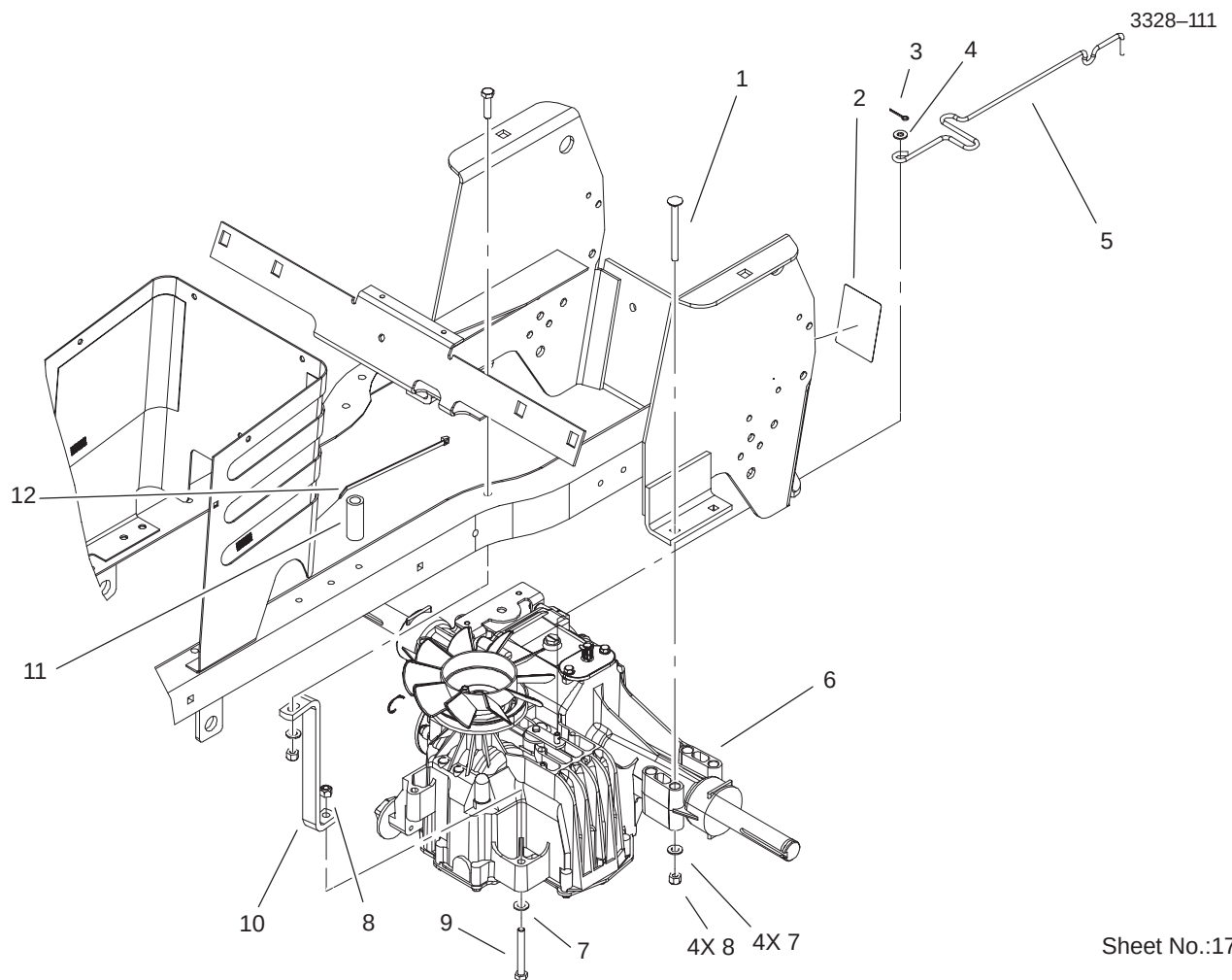
Sheet No.:16

## Frame Assembly

| Ref. No. | Part No.    | Qty. | Description                  |
|----------|-------------|------|------------------------------|
| 1        | 322-5       | 2    | Screw-HH                     |
| 2        | 3256-23     | 3    | Washer-Flat                  |
| 3        | 3296-29     | 4    | Nut-Lock, NI                 |
| 4        | 106-5564-03 | 1    | Support-Fender               |
| 5        | 322-6       | 2    | Screw-HH                     |
| 6        | 106-4007-03 | 1    | Frame ASM                    |
| 7        | 106-4074-03 | 1    | Bracket-Support,<br>Steering |
| 8        | 32144-14    | 2    | Screw-HWH                    |
| 9        | 106-5573-03 | 1    | Steering Bracket ASM         |
| 10       | 92-8747     | 2    | Decal-Attach-A-Mat<br>ic     |
| 11       | 2412-89     | 1    | Clamp                        |
| 12       | 32144-4     | 1    | Screw-HWH                    |

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



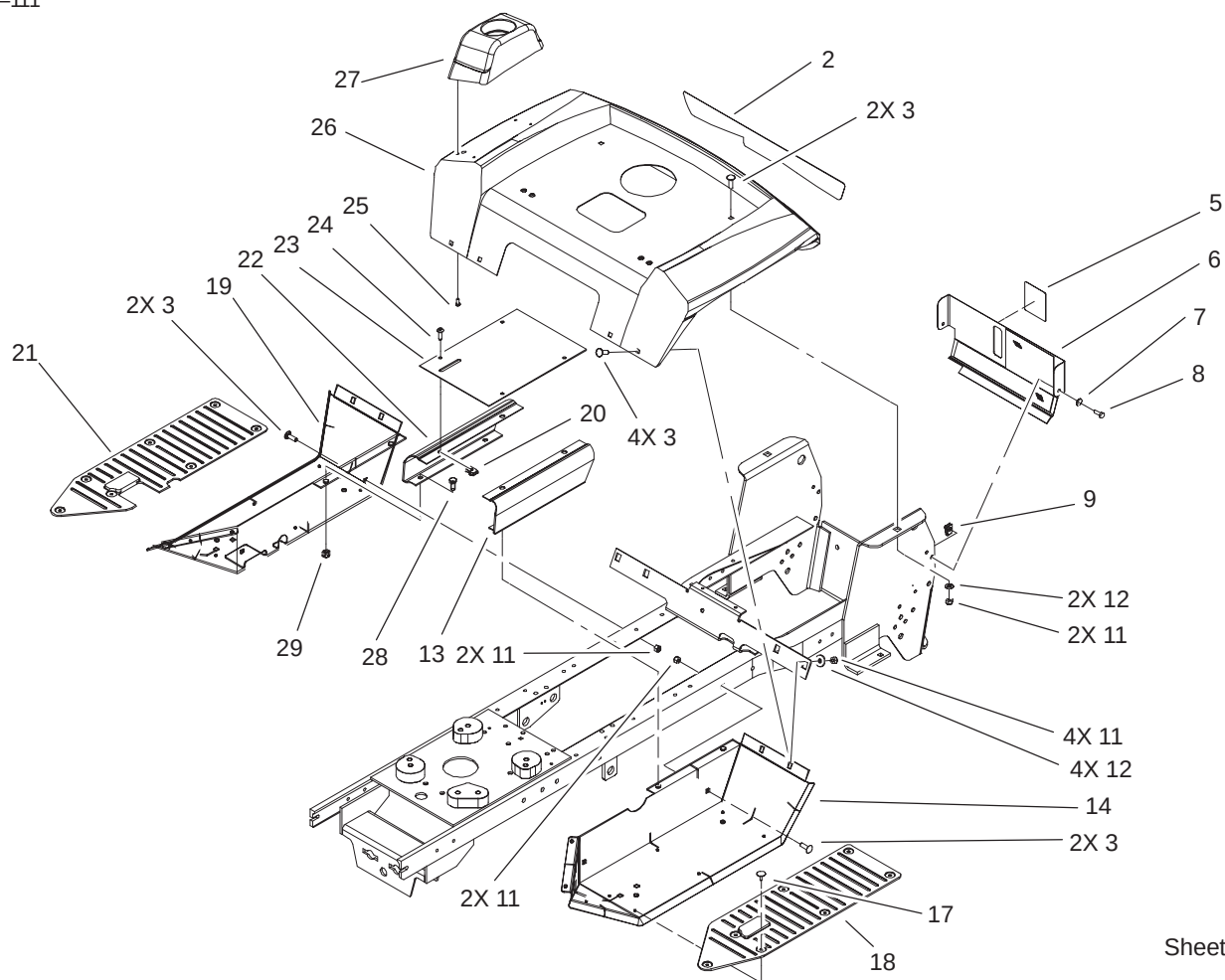


Sheet No.:17

# Hydro Transaxle Assembly

| Ref. No. | Part No.    | Qty. | Description           |
|----------|-------------|------|-----------------------|
| 1        | 3230-11     | 4    | Screw-CARR            |
| 2        | 92-6726     | 1    | Decal - Hydro Valve   |
| 3        | 3272-2      | 1    | Pin-Cotter            |
| 4        | 3256-22     | 1    | Washer-Flat           |
| 5        | 104-5037    | 1    | Rod-Bypass            |
| 6        | 104-4310    | 1    | Transaxle-Hydrostatic |
| 7        | 3256-23     | 5    | Washer-Flat           |
| 8        | 3296-29     | 5    | Nut-Lock, NI          |
| 9        | 322-11      | 1    | Screw-HH              |
| 10       | 100-1343-03 | 1    | Strap-Torque          |
| 11       | 106-5588    | 1    | Hose-Breather         |
| 12       | 614249      | 1    | Strap-Tie             |

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

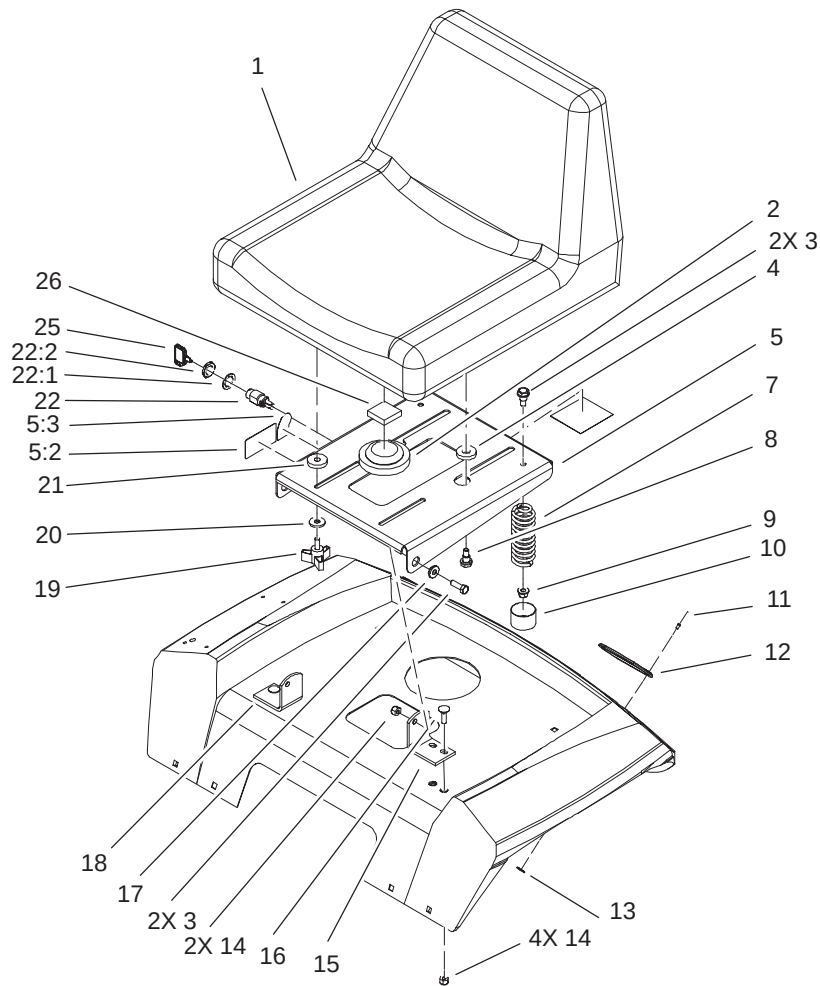


Sheet No.:18

## Fender and Footrest Assembly

| Ref. No. | Part No.    | Qty. | Description             |
|----------|-------------|------|-------------------------|
| 2        | 106-5845    | 1    | Decal-Rear Fender       |
| 3        | 3230-31     | 10   | Screw-CARR              |
| 5        | 92-6727     | 1    | Decal-Fuel Level        |
| 6        | 99-6765-03  | 1    | Rear Panel ASM          |
| 7        | 3256-22     | 2    | Washer-Flat             |
| 8        | 321-4       | 2    | Screw-HH                |
| 9        | 609900      | 2    | Nut-Speed               |
| 11       | 3296-29     | 10   | Nut-Lock, NI            |
| 12       | 94-2869     | 6    | Washer                  |
| 13       | 106-5594-03 | 1    | Channel-Saddle, LH      |
| 14       | 92-6746-01  | 1    | Footrest-LH             |
| 17       | 3290-479    | 14   | Fastener-Panel          |
| 18       | 92-6688     | 1    | Foot Mat-LH             |
| 19       | 92-6747-01  | 1    | Footrest-RH             |
| 20       | 107069      | 4    | Clip                    |
| 21       | 92-6687     | 1    | Foot Mat-RH             |
| 22       | 106-5593-03 | 1    | Channel-Saddle, RH      |
| 23       | 106-5587-03 | 1    | Plate-Saddle            |
| 24       | 92-7020     | 4    | Screw-HH                |
| 25       | 32144-20    | 4    | Screw-Thread<br>Forming |
| 26       | 106-5583-01 | 1    | Fender ASM              |
| 27       | 104-0838    | 1    | Holder-Cup              |
| 28       | 323-4       | 4    | Screw-HH                |
| 29       | 3296-39     | 4    | Nut-Lock, NI            |

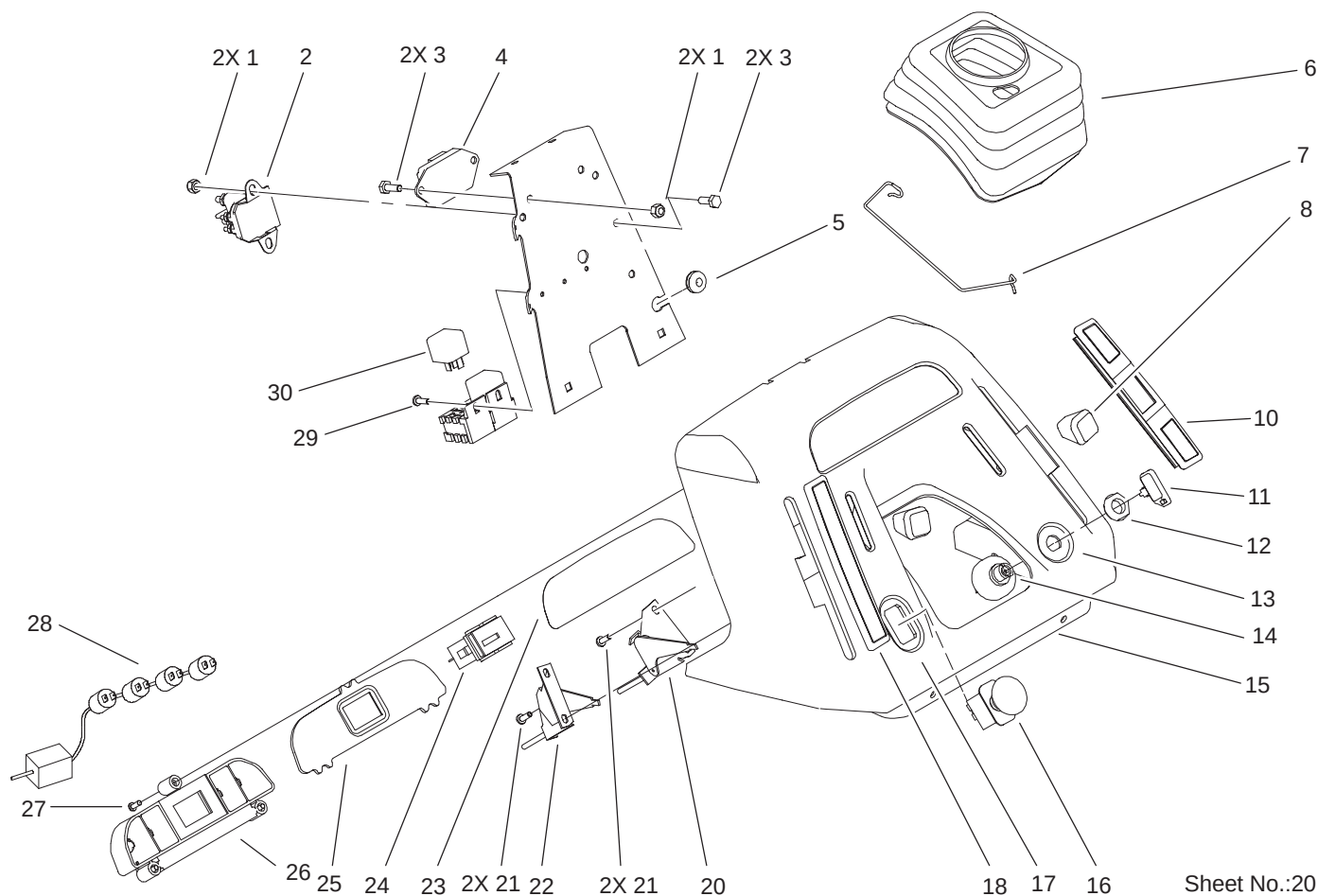
| Ref. No. | Part No. | Qty. | Description |
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|          |          |      |             |



Sheet No.:19

## Seat Assembly

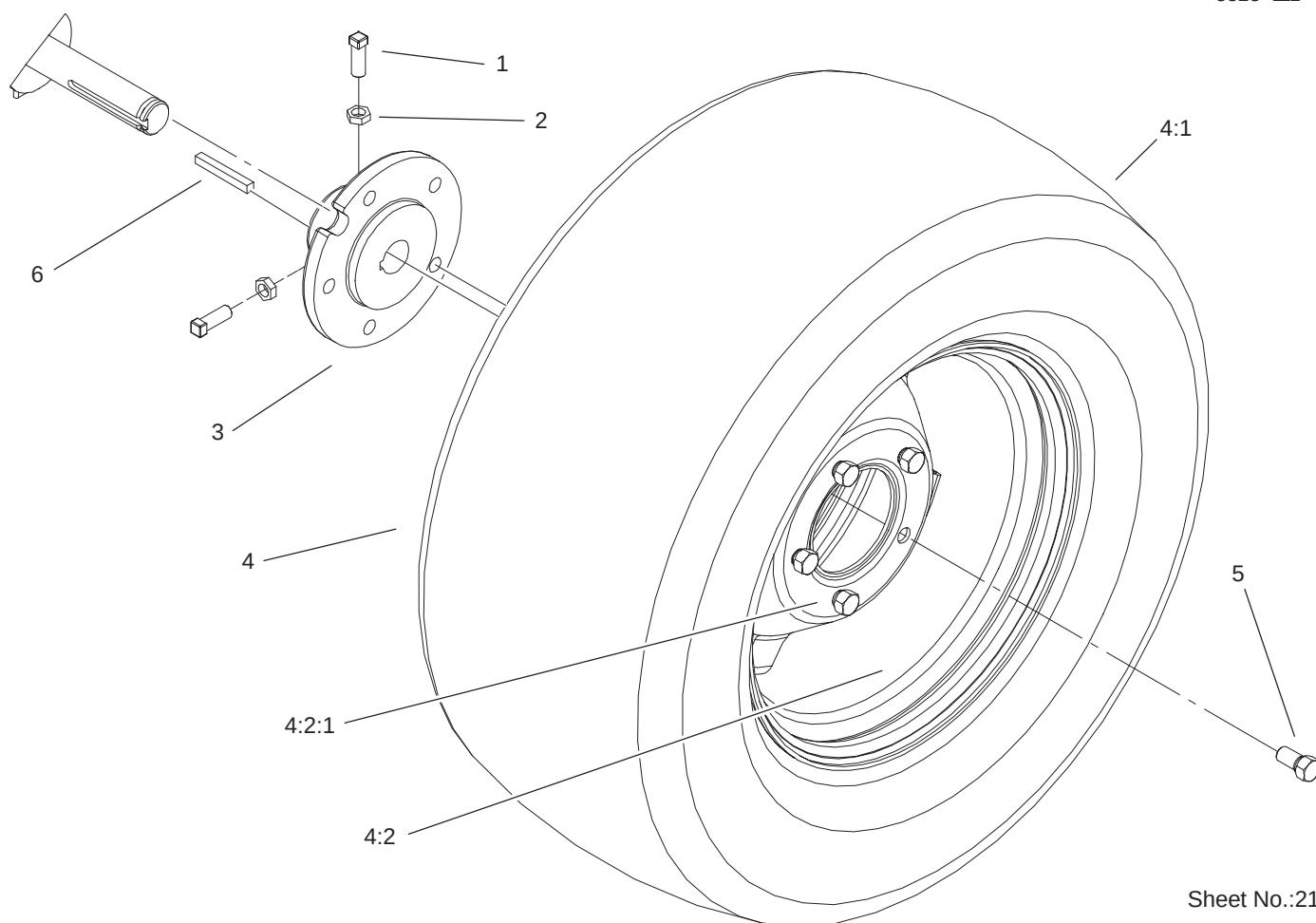
| Ref. No. | Part No.   | Qty. | Description        | Ref. No. | Part No. | Qty. | Description       |
|----------|------------|------|--------------------|----------|----------|------|-------------------|
| 1        | 104-2463   | 1    | Seat-High Back     | 25       | 62-7770  | 1    | Key-Ignition      |
| 2        | 100-3524   | 1    | Switch-Seat        | 26       | 104-2488 | 1    | Foam-Switch, Seat |
| 3        | 322-5      | 4    | Screw-HH           |          |          |      |                   |
| 4        | 92-6750    | 2    | Spacer-Nylon       |          |          |      |                   |
| 5        | 104-5027   | 1    | Support Seat ASM   |          |          |      |                   |
| 5:2      | 99-2985    | 1    | Danger-Decal       |          |          |      |                   |
| 5:3      | 99-5339    | 1    | Decal              |          |          |      |                   |
| 7        | 92-7054    | 2    | Spring-Compression |          |          |      |                   |
| 8        | 92-6986    | 2    | Bolt-Shoulder      |          |          |      |                   |
| 9        | 32128-25   | 2    | Nut-Flange         |          |          |      |                   |
| 10       | 701178     | 2    | Cap-Protector      |          |          |      |                   |
| 11       | 3290-282   | 4    | Rivet-Pop, Steel   |          |          |      |                   |
| 12       | 106557     | 2    | Reflector-Stick On |          |          |      |                   |
| 13       | 3256-49    | 4    | Washer-Flat        |          |          |      |                   |
| 14       | 3296-29    | 6    | Nut-Lock, NI       |          |          |      |                   |
| 15       | 79-0950-03 | 1    | Bracket-Pivot, RH  |          |          |      |                   |
| 16       | 3230-31    | 4    | Screw-CARR         |          |          |      |                   |
| 17       | 105503     | 2    | Bushing            |          |          |      |                   |
| 18       | 79-0970-03 | 1    | Bracket-Pivot LH   |          |          |      |                   |
| 19       | 700806     | 2    | Knob               |          |          |      |                   |
| 20       | 94-2869    | 2    | Washer             |          |          |      |                   |
| 21       | 109989     | 2    | Spacer-Nylon       |          |          |      |                   |
| 22       | 46-5780    | 1    | Switch-Starter     |          |          |      |                   |
| 22:1     | 3254-5     | 1    | Washer-Tooth       |          |          |      |                   |
| 22:2     | 218-461    | 1    | Nut-HH             |          |          |      |                   |



Sheet No.:20

# Dash Assembly

| Ref. No. | Part No. | Qty. | Description                | Ref. No. | Part No. | Qty. | Description  |
|----------|----------|------|----------------------------|----------|----------|------|--------------|
| 1        | 3296-42  | 4    | Nut-Lock, NI               | 27       | 94-6961  | 3    | Screw        |
| 2        | 106-8245 | 1    | Solenoid                   | 28       | 99-8066  | 1    | Harness-Lamp |
| 3        | 321-4    | 4    | Screw-HH                   | 29       | 32144-8  | 2    | Screw-HH     |
| 4        | 99-3701  | 1    | Module-Clutch              | 30       | 98-7249  | 2    | Relay        |
| 5        | 237-141  | 1    | Grommet-Rubber             |          |          |      |              |
| 6        | 92-6680  | 1    | Boot-Steering              |          |          |      |              |
| 7        | 94-2966  | 1    | Clip - Boot                |          |          |      |              |
| 8        | 66-0120  | 2    | Knob                       |          |          |      |              |
| 10       | 92-6796  | 1    | Cover - Slot RH            |          |          |      |              |
| 11       | 62-7770  | 1    | Key-Ignition               |          |          |      |              |
| 12       | 700919   | 1    | Nut                        |          |          |      |              |
| 13       | 92-6721  | 1    | Decal - Throttle, Ignition |          |          |      |              |
| 14       | 92-6785  | 1    | Switch-Ignition            |          |          |      |              |
| 15       | 94-1894  | 1    | Dash                       |          |          |      |              |
| 16       | 93-9998  | 1    | Switch-PTO                 |          |          |      |              |
| 17       | 92-6720  | 1    | Decal - PTO/Choke          |          |          |      |              |
| 18       | 92-6797  | 1    | Cover - Slot, LH           |          |          |      |              |
| 20       | 92-6782  | 1    | Control-Throttle           |          |          |      |              |
| 21       | 32144-32 | 4    | Screw                      |          |          |      |              |
| 22       | 92-6781  | 1    | Control-Choke              |          |          |      |              |
| 23       | 99-8038  | 1    | Decal - Dash Lens          |          |          |      |              |
| 24       | 94-4208  | 1    | Hourmeter                  |          |          |      |              |
| 25       | 92-6705  | 1    | Lens - Dash                |          |          |      |              |
| 26       | 92-6732  | 1    | Housing - Indicator Light  |          |          |      |              |



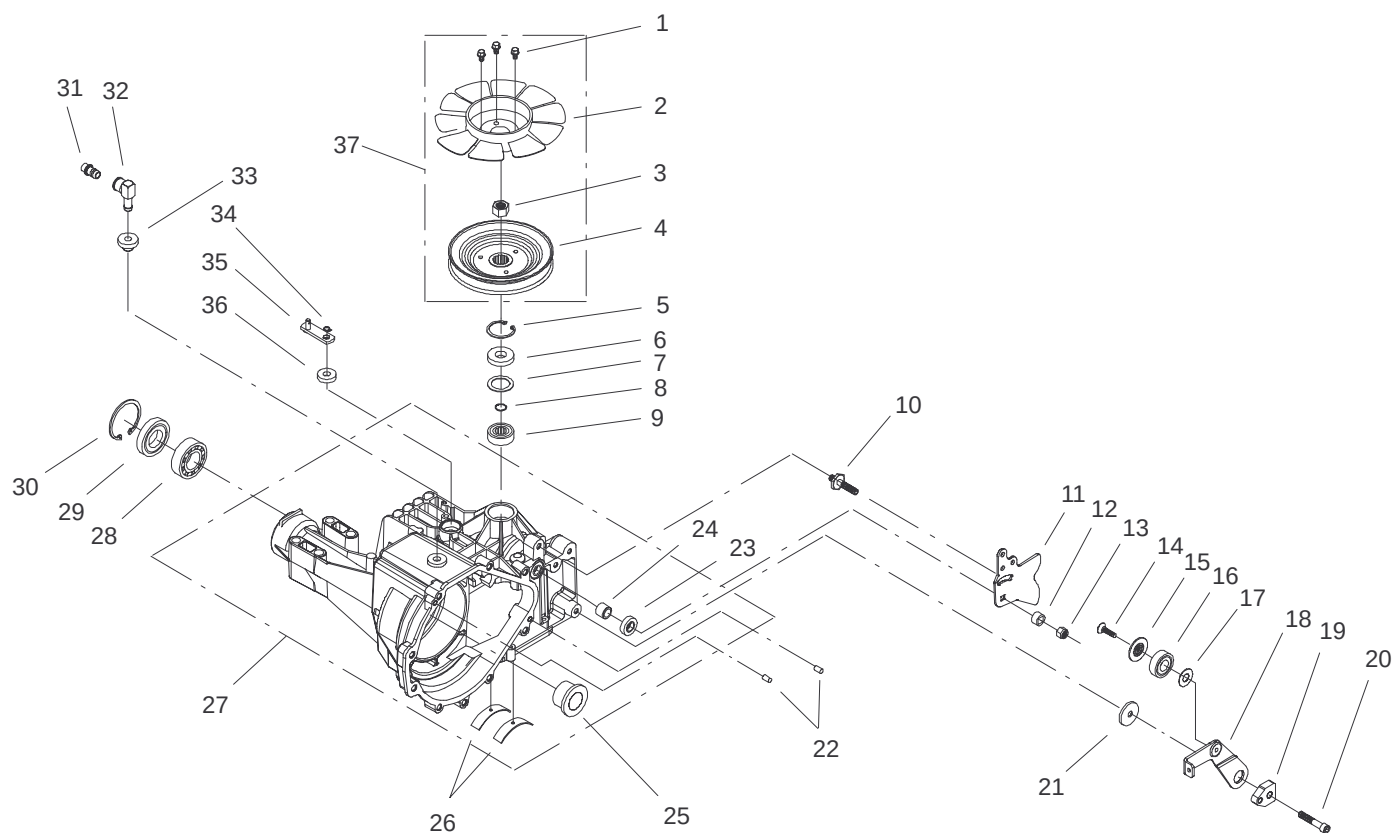
Sheet No.:21

## Rear Wheel Assembly

| Ref. No. | Part No.   | Qty. | Description           |
|----------|------------|------|-----------------------|
| 1        | 3243-5     | 4    | Screw-Set             |
| 2        | 3218-3     | 4    | Nut-Jam               |
| 3        | 93-3659-03 | 2    | Hub-Wheel             |
| 4        |            | 2    | Rear Wheel & Tire ASM |
| 4:1      | 99-2334    | 1    | Tire                  |
| 4:2      | 78-1221    | 1    | Wheel                 |
| 4:2:1    | 5108       | 1    | Valve                 |
| *        | 7007       | 1    | Tube-Inner            |
| 5        | 83-2720    | 10   | Bolt-Lug              |
| 6        | 5-1336     | 2    | Key-Square            |

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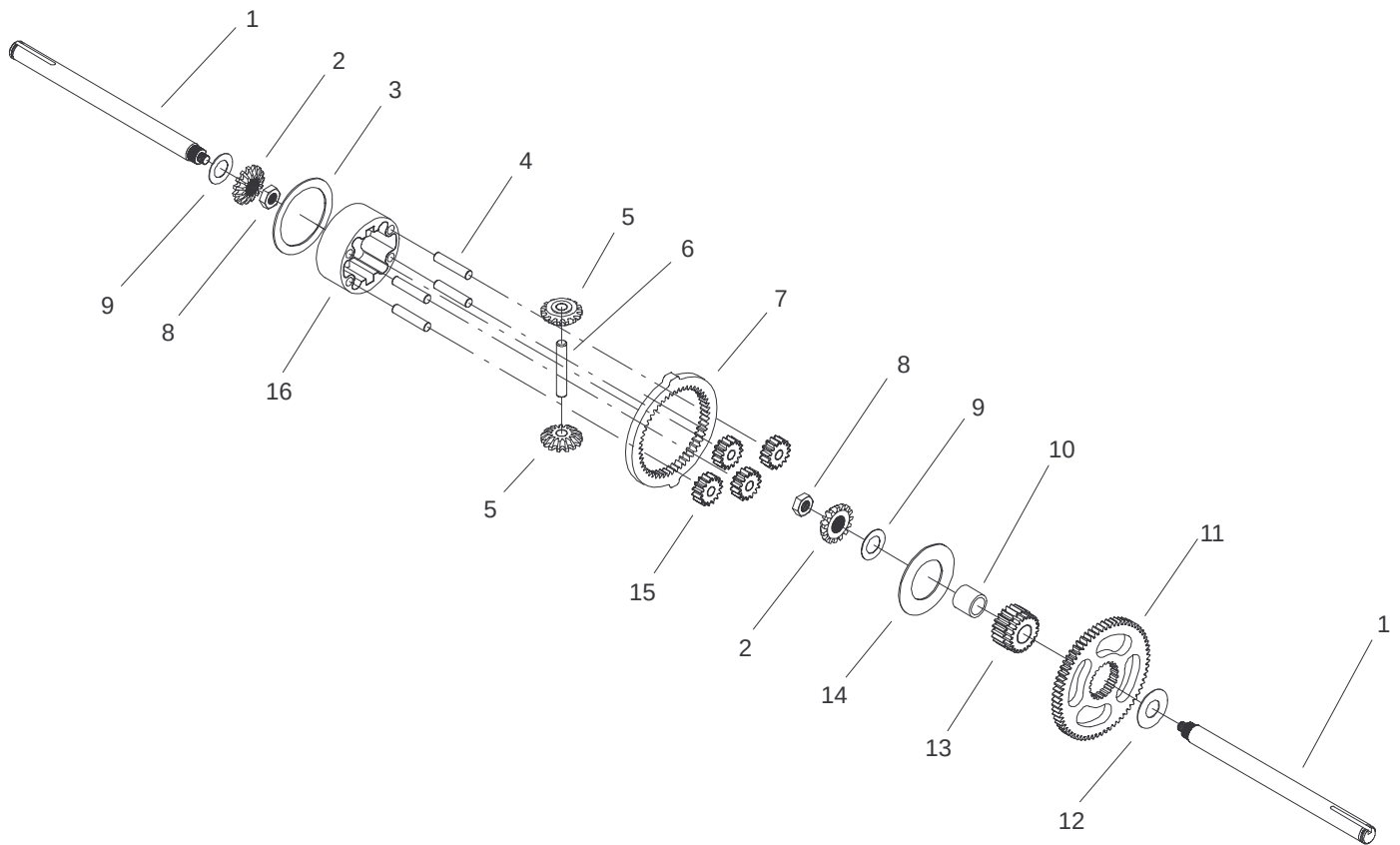


Sheet No.:3

## Housing and Fan Assembly

| Ref. No. | Part No. | Qty. | Description           |
|----------|----------|------|-----------------------|
| 1        | 104-2164 | 3    | Screw                 |
| 2        | 104-2162 | 1    | Fan                   |
| 3        | 104-2168 | 1    | Nut-Hex               |
| 4        | 104-2161 | 1    | Pulley                |
| 5        | 94-1903  | 1    | Ring - Retaining      |
| 6        | 92-6543  | 1    | Seal - Lip            |
| 7        | 104-2104 | 1    | Spacer                |
| 8        | 94-1902  | 1    | Ring - Wire Retaining |
| 9        | 94-1904  | 1    | Bearing - Shaft Ball  |
| 10       | 104-2116 | 1    | Stud                  |
| 11       | 100-6093 | 1    | Arm-Control           |
| 12       | 104-2163 | 1    | Spacer, Trunnion      |
| 13       | 104-2159 | 1    | Nut-Hex Lock          |
| 14       | 104-2158 | 1    | Screw-Countersunk     |
| 15       | 104-2157 | 1    | Spacer-Locating       |
| 16       | 104-2156 | 1    | Bearing               |
| 17       | 94-1933  | 1    | Washer                |
| 18       | 104-2114 | 1    | Arm-Return            |
| 19       | 104-2119 | 1    | Puck-Adjusting        |
| 20       | 104-2155 | 1    | Screw                 |
| 21       | 104-2154 | 1    | Washer                |
| 22       | 104-2170 | 2    | Pin                   |
| 23       | 92-6544  | 1    | Seal - Lip            |
| 24       | 104-2113 | 1    | Trunnion Bushing      |
| 25       | 104-2139 | 2    | Bearing-Flange        |
| 26       | 94-1905  | 2    | Bearing - Cradle      |

| Ref. No. | Part No. | Qty. | Description      |
|----------|----------|------|------------------|
| 27       | 104-2101 | 1    | Main Housing ASM |
| 28       | 104-2143 | 2    | Bearing-Ball     |
| 29       | 104-2144 | 2    | Seal             |
| 30       | 104-2169 | 2    | Ring-Retaining   |
| 31       | 104-2167 | 1    | Cap ASM-Vent     |
| 32       | 104-2166 | 1    | Fitting          |
| 33       | 104-2165 | 1    | Bushing, Rubber  |
| 34       | 936109   | 1    | Ring - Retaining |
| 35       | 104-2117 | 1    | Arm-Bypass       |
| 36       | 92-6545  | 1    | Seal - Lip       |
| 37       | 104-2190 | 1    | Kit-Fan/Pulley   |

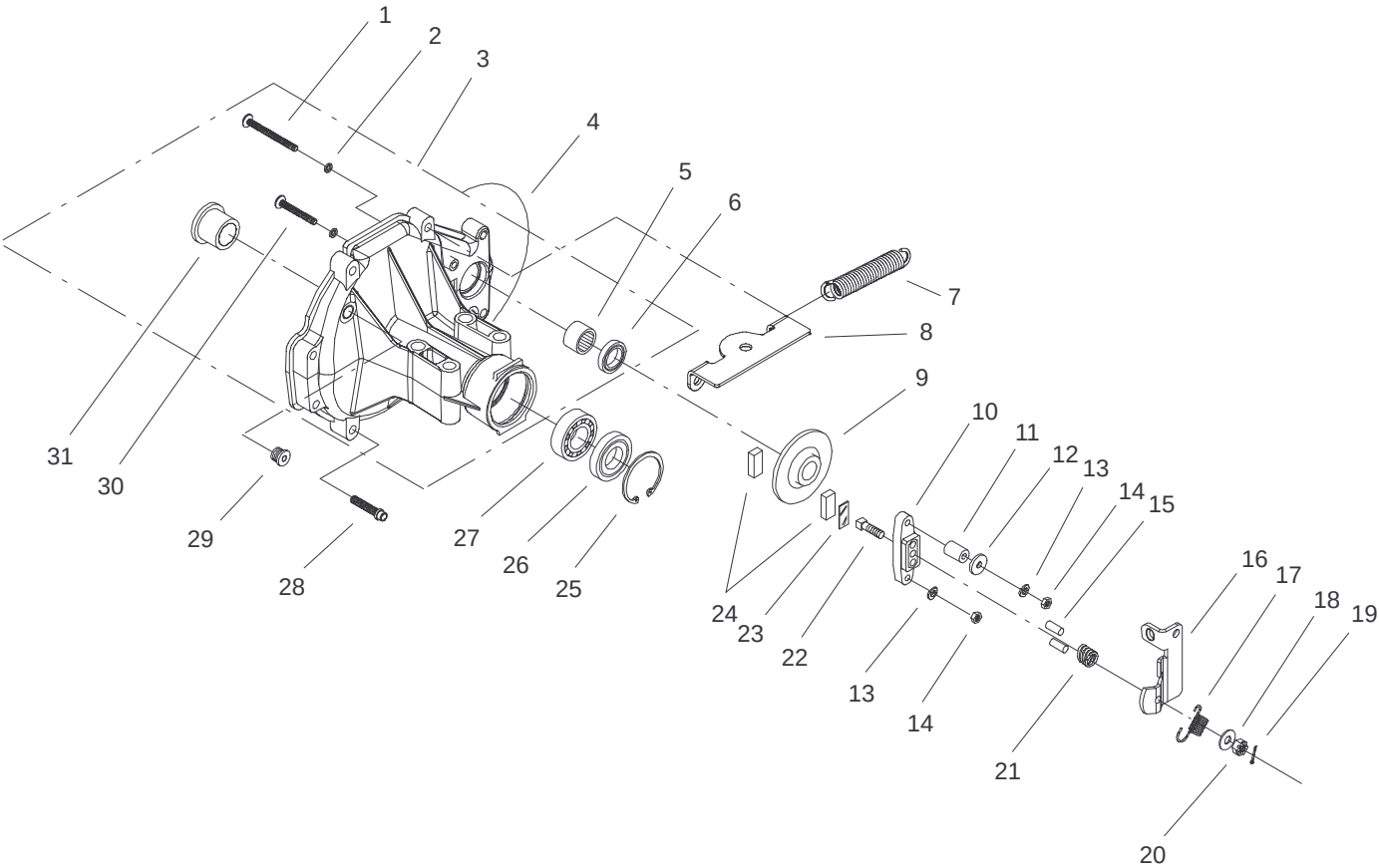


Sheet No.:4

# Differential Gear Assembly

| Ref. No. | Part No. | Qty. | Description          |
|----------|----------|------|----------------------|
| 1        | 104-2145 | 2    | Shaft, Axle          |
| 2        | 104-2135 | 2    | Gear-Miter           |
| 3        | 104-2138 | 1    | Plate-Thrust         |
| 4        | 104-2128 | 4    | Pin, Carrier         |
| 5        | 104-2136 | 2    | Gear-Miter           |
| 6        | 104-2137 | 1    | Shaft                |
| 7        | 104-2133 | 1    | Gear-Ring, 51t       |
| 8        | 104-2142 | 2    | Nut-HJ               |
| 9        | 104-2140 | 2    | Washer               |
| 10       | 104-2160 | 1    | Bearing-Sleeve       |
| 11       | 104-2130 | 1    | Gear-Spur, 67t       |
| 12       | 104-2141 | 1    | Washer               |
| 13       | 104-2131 | 1    | Gear-Sun, 21t        |
| 14       | 104-2132 | 1    | Plate-Thrust, Planet |
| 15       | 104-2129 | 4    | Gear-Planet, 15t     |
| 16       | 104-2134 | 1    | Carrier-Planetary    |

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



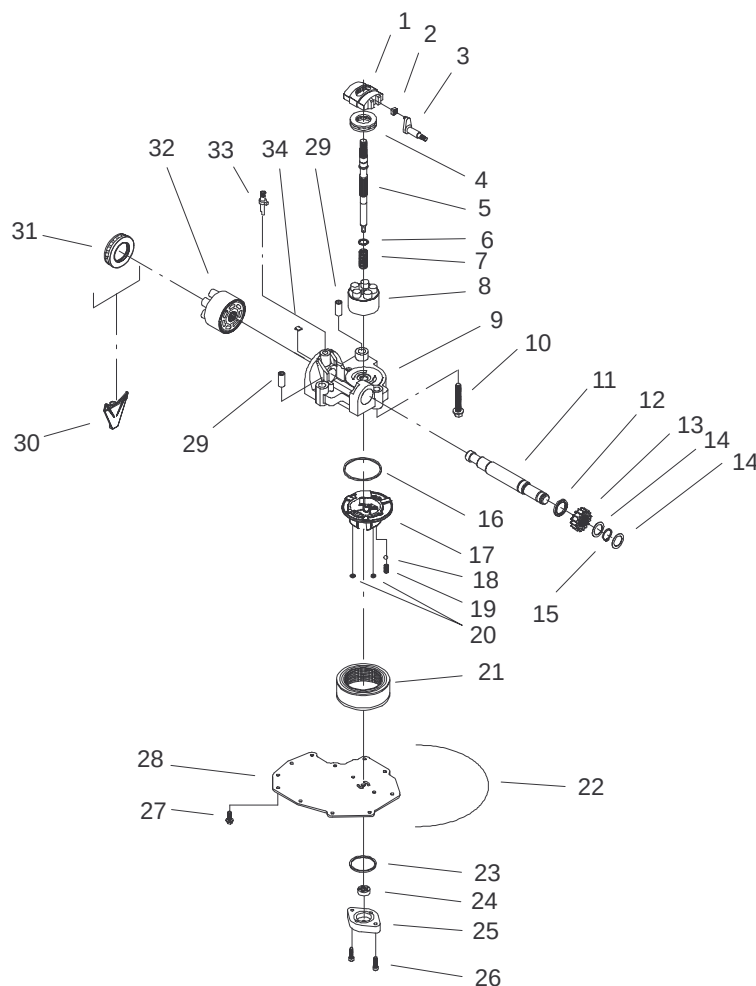
Sheet No.:5

Brake Assembly

| Ref. No. | Part No. | Qty. | Description             |
|----------|----------|------|-------------------------|
| 1        | 104-2182 | 1    | Bolt                    |
| 2        | 104-2191 | 4    | O-Ring                  |
| 3        | 104-2102 | 1    | RH Housing ASM          |
| 4        | 104-2147 | 1    | Sealant                 |
| 5        | 104-2149 | 1    | Bearing-Needle          |
| 6        | 104-2152 | 1    | Seal-Lip                |
| 7        | 104-2118 | 1    | Spring-Return           |
| 8        | 100-1349 | 1    | Bracket-Bell Crank *B   |
| 9        | 104-2153 | 1    | Disk-Brake              |
| 10       | 104-2173 | 1    | Yoke-Brake              |
| 11       | 104-2180 | 1    | Spacer                  |
| 12       | 104-2183 | 1    | Washer                  |
| 13       | 104-2177 | 2    | Washer-Lock             |
| 14       | 104-2178 | 2    | Nut                     |
| 15       | 104-2176 | 2    | Pin-Brake               |
| 16       | 104-0841 | 1    | Arm-Brake               |
| 17       | 104-2184 | 1    | Spring-Brake Arm        |
| 18       | 104-2146 | 1    | Washer                  |
| 19       | 104-2179 | 1    | Pin-Cotter              |
| 20       | 93-3807  | 1    | Nut - Castle            |
| 21       | 104-2188 | 1    | Spring-Brake, Anti Drag |
| 22       | 104-2174 | 1    | Bolt-SQH                |
| 23       | 104-2181 | 1    | Puck-Plate              |
| 24       | 104-2171 | 2    | Puck-Brake              |
| 25       | 104-2169 | 2    | Ring-Retaining          |

| Ref. No. | Part No. | Qty. | Description           |
|----------|----------|------|-----------------------|
| 26       | 104-2144 | 2    | Seal                  |
| 27       | 104-2143 | 2    | Bearing-Ball          |
| 28       | 104-2148 | 9    | Screw-TTH             |
| 29       | 104-2189 | 1    | Plug, Straight Thread |
| 30       | 104-2172 | 1    | Bolt                  |
| 31       | 104-2139 | 2    | Bearing-Flange        |



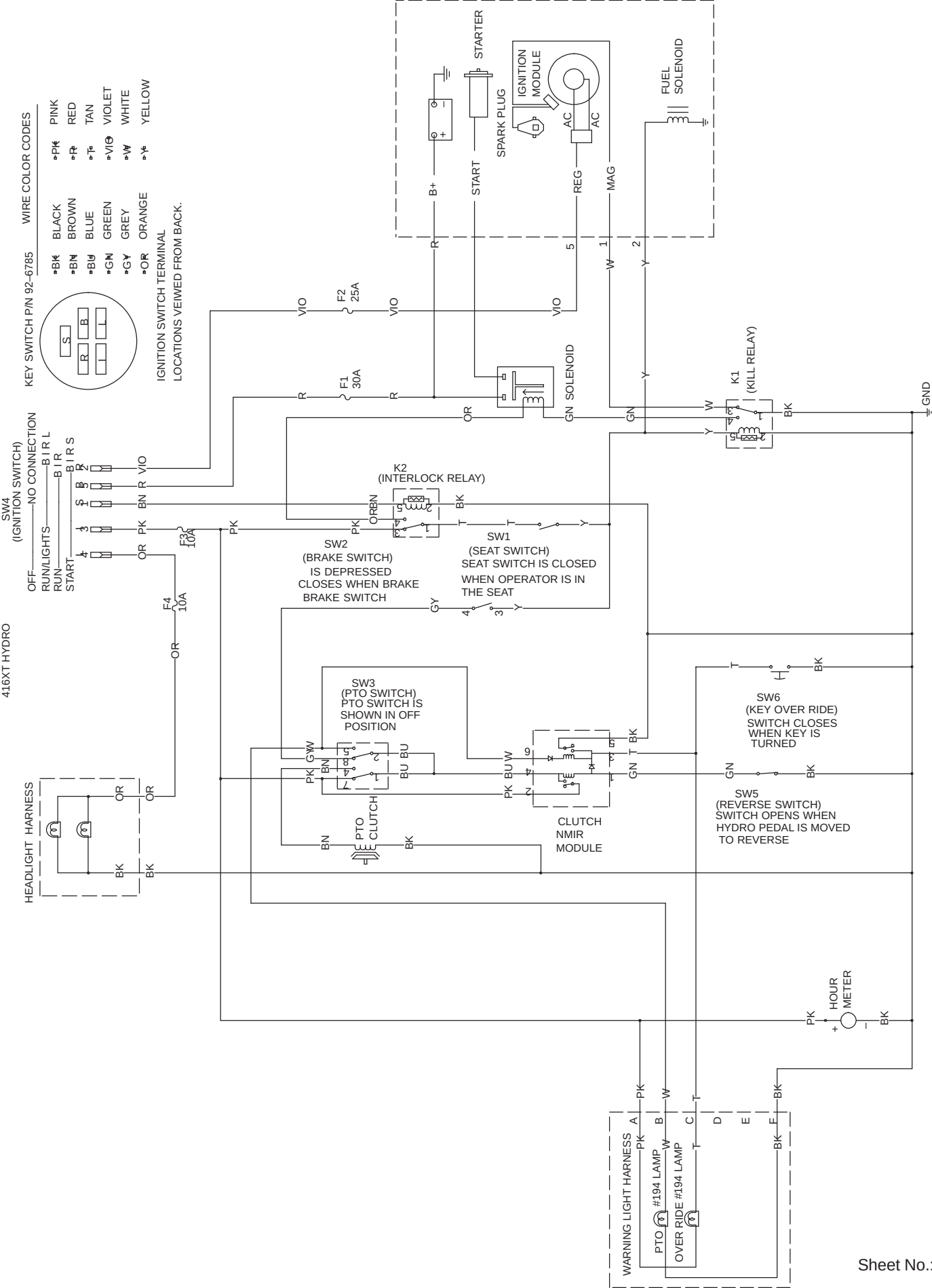


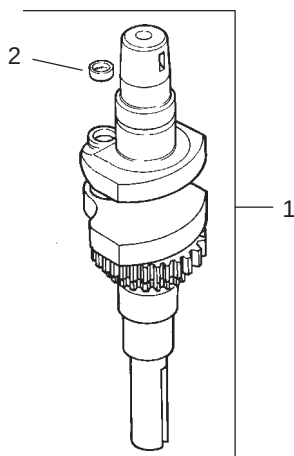
Sheet No.:6

## Cylinder Block Assembly

| Ref. No. | Part No. | Qty. | Description           | Ref. No. | Part No. | Qty. | Description               |
|----------|----------|------|-----------------------|----------|----------|------|---------------------------|
| 1        | 94-1907  | 1    | Swashplate – Variable | 27       | 104-2120 | 11   | Screw                     |
| 2        | 94-1910  | 1    | Guide – Slot          | 28       | 104-2121 | 1    | Cover–Lower               |
| 3        | 104-2112 | 1    | Trunnion ASM          | 29       | 94-1927  | 2    | Pin                       |
| 4        | 94-6922  | 1    | Bearing – Thrust      | 30       | 104-2127 | 1    | Retainer–Motor<br>Bearing |
| 5        | 104-2105 | 1    | Shaft–Input           | 31       | 94-6923  | 1    | Bearing – Thrust          |
| 6        | 94-1937  | 1    | Washer – Block Thrust | 32       | 94-1913  | 1    | Cylinder Block ASM        |
| 7        | 94-1936  | 1    | Spring – Block        | 33       | 94-1914  | 1    | Actuator – Bypass         |
| 8        | 104-2106 | 1    | Cylinder Block ASM    | 34       | 94-6925  | 1    | Plate – Bypass            |
| 9        | 104-2103 | 1    | Kit, Center Section   |          |          |      |                           |
| 10       | 94-6926  | 3    | Bolt                  |          |          |      |                           |
| 11       | 104-2107 | 1    | Shaft–Output          |          |          |      |                           |
| 12       | 104-2109 | 1    | Spacer                |          |          |      |                           |
| 13       | 104-2110 | 1    | Gear–Pinion, 16t      |          |          |      |                           |
| 14       | 104-2150 | 2    | Washer                |          |          |      |                           |
| 15       | 104-2151 | 1    | Ring–Retaining        |          |          |      |                           |
| 16       | 104-2185 | 1    | O–Ring                |          |          |      |                           |
| 17       | 104-2156 | 1    | Bearing               |          |          |      |                           |
| 18       | 104-2187 | 1    | Ball                  |          |          |      |                           |
| 19       | 104-2186 | 1    | Spring, Relief        |          |          |      |                           |
| 20       | 104-2191 | 4    | O–Ring                |          |          |      |                           |
| 21       | 104-2125 | 1    | Filter                |          |          |      |                           |
| 22       | 104-2147 | 1    | Sealant               |          |          |      |                           |
| 23       | 104-2123 | 1    | O–Ring                |          |          |      |                           |
| 24       | 104-2122 | 1    | Gerotor ASM           |          |          |      |                           |
| 25       | 104-2124 | 1    | Gerotor Cover         |          |          |      |                           |
| 26       | 104-2111 | 2    | Capscrew              |          |          |      |                           |

Electrical Schematic



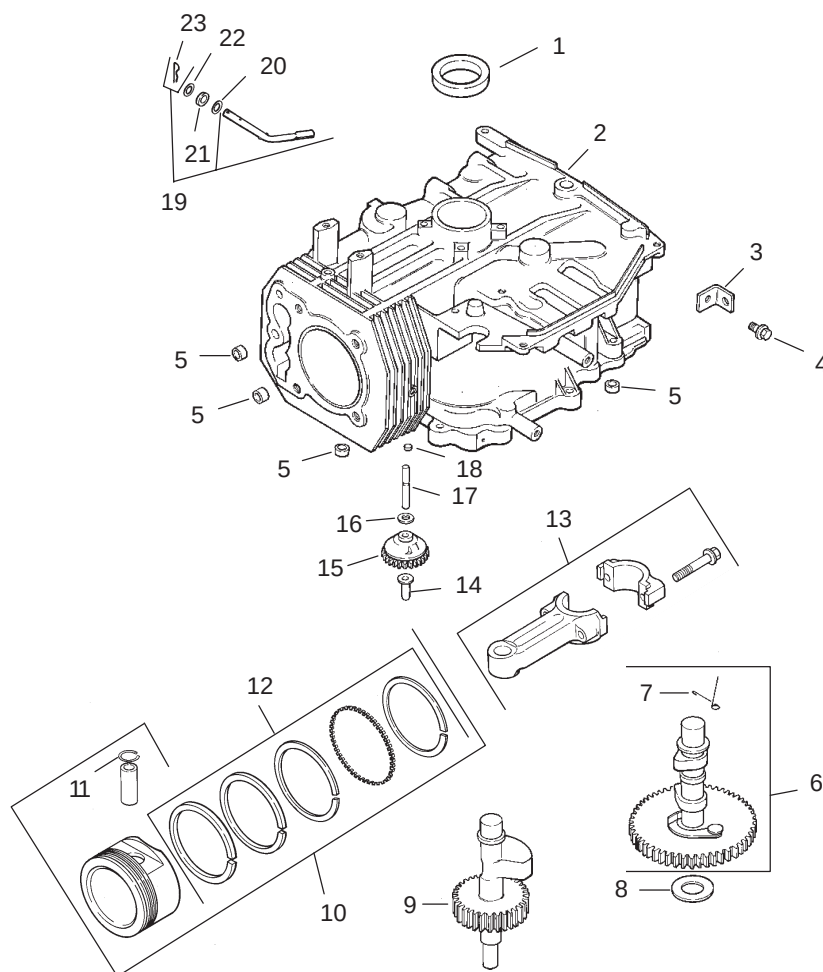


Sheet No.:

## Group 1–Crankshaft Assembly

| Ref. No. | Part No.    | Qty. | Description             |
|----------|-------------|------|-------------------------|
| 1.       | 12 014 67-S | 1    | Crankshaft (Includes 2) |
| 2.       | 25 139 27-S | 1    | Plug, cup               |

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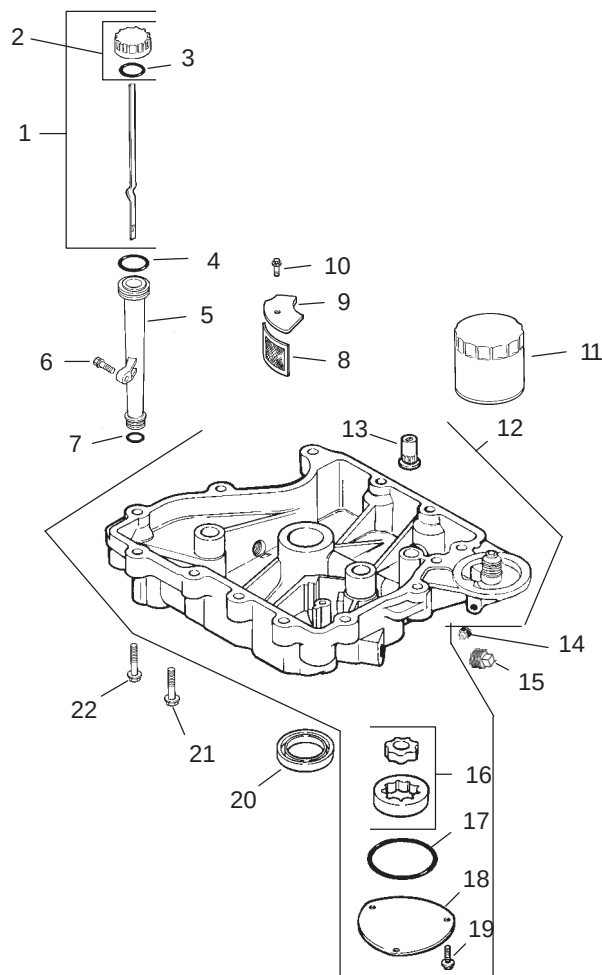
Sheet No.:

## Group 2-Crankcase Assembly

| Ref. No. | Part No.    | Qty. | Description                                |
|----------|-------------|------|--------------------------------------------|
| 1        | 12 032 03-S | 1    | Seal, front oil                            |
| 2        |             | 1    | Crankcase (USE: Short Block or Miniblock)  |
| 3        | 12 445 02-S | 1    | Strap, lifting                             |
| 4        | M-839025-S  | 1    | Screw, hex. flange M8x1.25x25              |
| 5        | 24 380 13-S | 4    | Pin, locating                              |
| 6        | 12 010 31-S | 1    | Camshaft assembly (Includes 7)             |
| 7        | 12 089 31-S | 1    | Spring, actuating                          |
| 8        | 12 422 08-S | A/R  | Shim, camshaft - blue                      |
|          | 12 422 09-S | A/R  | Shim, camshaft - red                       |
|          | 12 422 10-S | 1    | Shim, camshaft - yellow                    |
|          | 12 422 11-S | A/R  | Shim, camshaft - green                     |
|          | 12 422 12-S | A/R  | Shim, camshaft - gray                      |
|          | 12 422 13-S | A/R  | Shim, camshaft - black                     |
|          | 12 422 07-S | A/R  | Shim, camshaft - white                     |
| 9        | 12 144 28-S | 1    | Shaft, balance                             |
| 10       | 12 874 01-S | 1    | Piston w/Ring Set (Std.) (Includes 11, 12) |
|          | 12 874 10-S | 1    | Piston w/Ring Set (.08)                    |
|          | 12 874 02-S | 1    | Piston w/Ring Set (.25)                    |
|          | 12 874 03-S | 1    | Piston w/Ring Set (.50)                    |

| Ref. No. | Part No.    | Qty. | Description                                    |
|----------|-------------|------|------------------------------------------------|
| 11       | 12 018 02-S | 2    | Retainer, piston pin                           |
| 12       | 12 108 01-S | 1    | Ring Set (Std. & .08)                          |
|          | 12 108 02-S | 1    | Ring Set (.25)                                 |
|          | 12 108 03-S | 1    | Ring Set (.50)                                 |
| 13       | 12 067 11-S | 1    | Connecting Rod (Std.)                          |
|          | 12 067 12-S | 1    | Connecting Rod (.25)                           |
| 14       | 12 380 01-S | 1    | Pin, governor regulating                       |
| 15       | 12 043 05-S | 1    | Gear, governor                                 |
| 16       | M-631005-S  | 1    | Washer, plain 6 mm                             |
| 17       | 12 144 02-S | 1    | Shaft, governor gear                           |
| 18       | 52 139 09-S | 1    | Plug, cup                                      |
| 19       | 12 755 64-S | 1    | Kit, governor cross shaft w/clip (Includes 23) |
| 20       | X-25-102-S  | 1    | Washer, plain 1/4                              |
| 21       | 12 032 01-S | 1    | Seal, governor cross shaft                     |
| 22       | M-631015-S  | 1    | Washer, plain 6 mm                             |
| 23       | 12 154 05-S | 1    | Clip, hitch pin                                |

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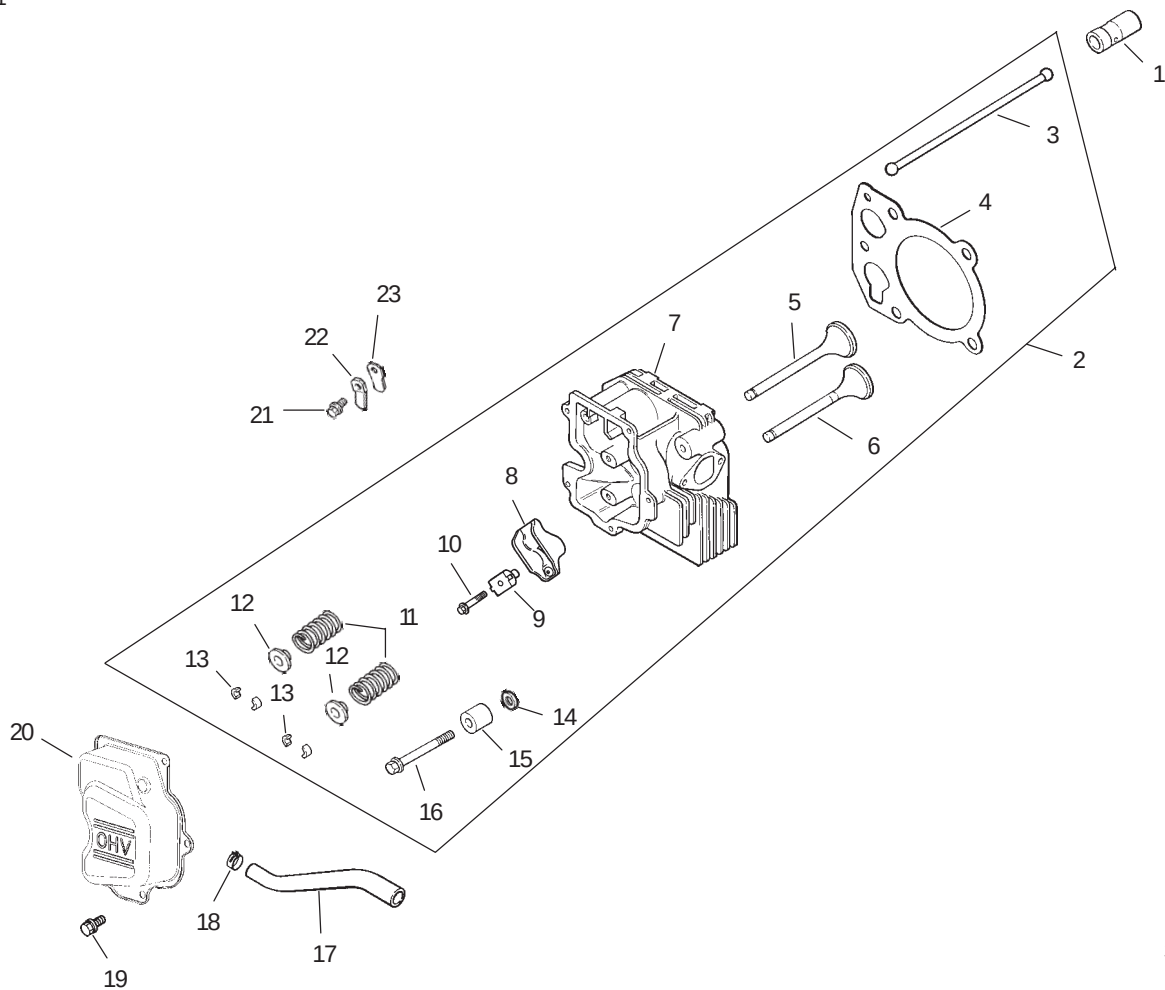


Sheet No.:

### Group 3–Oil Pan/Lubrication Assembly

| Ref. No. | Part No.    | Qty. | Description                               | Ref. No. | Part No.    | Qty. | Description                      |
|----------|-------------|------|-------------------------------------------|----------|-------------|------|----------------------------------|
| 1        | 12 038 01-S | 1    | Dipstick assembly<br>(Includes 2, 3)      | 18       | 12 096 34-S | 1    | Cover, oil pump                  |
| 2        | 25 755 13-S | 1    | Kit, oil fill cap (Includes<br>3)         | 19       | M-545016-S  | 3    | Screw, hex. flange<br>M5x0.8x16  |
| 3        | 25 153 02-S | 1    | O-Ring                                    | 20       | 12 032 03-S | 1    | Seal, oil (P.T.O. end)           |
| 4        | 12 153 02-S | 1    | O-Ring, upper oil fill<br>tube            | 21       | 24 086 16-S | 11   | Screw, hex. flange<br>M8x1.25x45 |
| 5        | 12 123 04-S | 1    | Tube, oil fill                            | 22       | 24 086 17-S | 1    | Screw, hex. flange<br>M8x1.25x45 |
| 6        | M-645025-S  | 1    | Screw, hex. flange<br>M6x1.0x25           |          |             |      |                                  |
| 7        | 12 153 01-S | 1    | O-Ring, lower oil fill<br>tube            |          |             |      |                                  |
| 8        | 25 162 07-S | 1    | Screen, oil pickup                        |          |             |      |                                  |
| 9        | 12 096 03-S | 1    | Cover, oil pickup<br>screen               |          |             |      |                                  |
| 10       | M-545016-S  | 1    | Screw, hex. flange<br>M5x0.8x16           |          |             |      |                                  |
| 11       | 12 050 01-S | 1    | Filter, oil                               |          |             |      |                                  |
| 12       | 12 199 50-S | 1    | Pan assembly, oil<br>(Includes 13, 16-19) |          |             |      |                                  |
| 13       | 25 462 09-S | 1    | Valve, oil pressure<br>relief             |          |             |      |                                  |
| 14       | 25 139 52-S | 1    | Plug, sq. hd. 1/8                         |          |             |      |                                  |
| 15       | 25 139 57-S | 2    | Plug, sq. hd. solid 3/8                   |          |             |      |                                  |
| 16       | 12 393 01-S | 1    | Pump assembly, oil                        |          |             |      |                                  |
| 17       | 12 153 06-S | 1    | O-Ring, oil pump cover                    |          |             |      |                                  |

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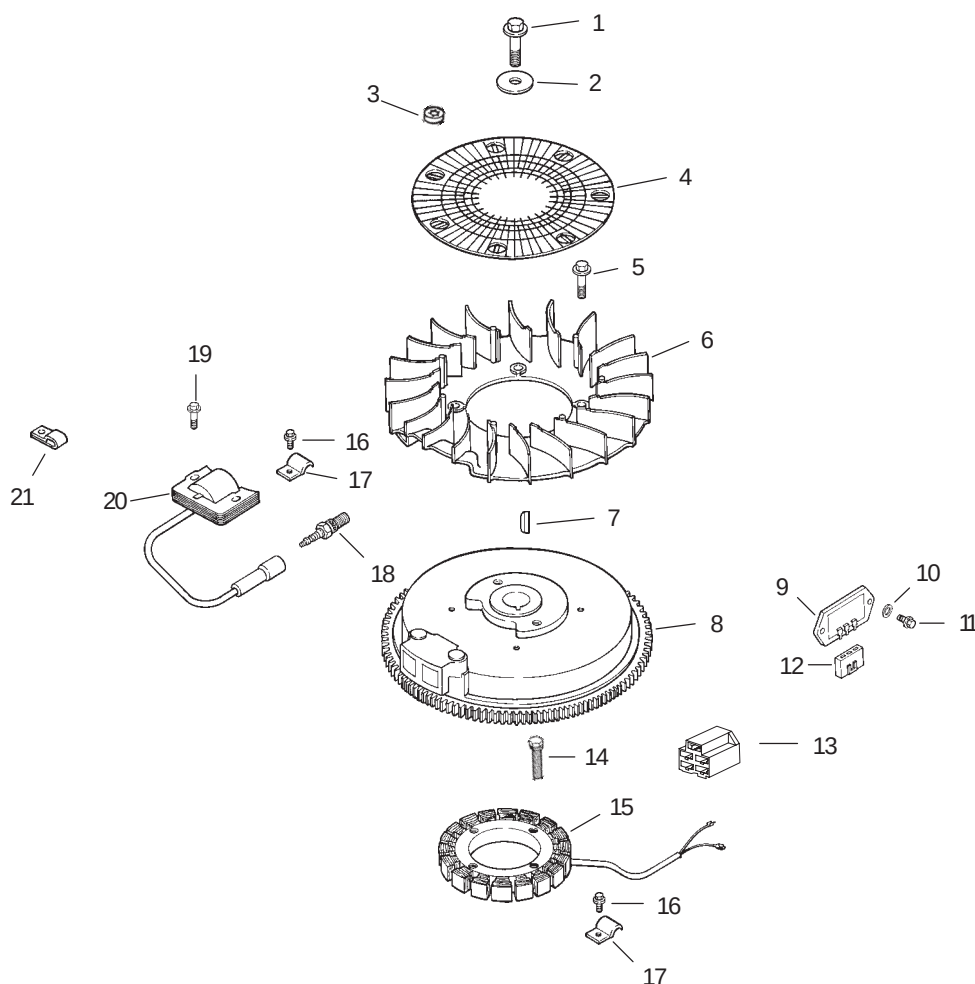
Sheet No.:

## Group 4-Head/Valve/Breather Assembly

| Ref. No. | Part No.    | Qty. | Description                                                                                                                |
|----------|-------------|------|----------------------------------------------------------------------------------------------------------------------------|
| 1        | 25 351 01-S | 2    | Lifter, valve                                                                                                              |
| 2        | 12 755 97-S | 1    | Kit, cylinder head<br>(Includes 3-17,<br>carburetor<br>gasket (2), air cleaner<br>base gasket, exhaust<br>manifold gasket) |
| 3        | 12 411 05-S | 2    | Rod, push                                                                                                                  |
| 4        | 12 041 08-S | 1    | Gasket, cylinder head                                                                                                      |
| 5        | 12 017 01-S | 1    | Valve, intake (Std.)                                                                                                       |
| 6        | 12 016 01-S | 1    | Valve, exhaust (Std.)                                                                                                      |
| 7        | 12 318 50-S | 1    | Cylinder head                                                                                                              |
| 8        | 25 186 01-S | 2    | Arm, rocker                                                                                                                |
| 9        | 12 599 03-S | 2    | Pivot, rocker arm                                                                                                          |
| 10       | M-640034-S  | 2    | Screw, hex. flange<br>M6x1.0x34                                                                                            |
| 11       | 12 089 34-S | 2    | Spring, valve                                                                                                              |
| 12       | 12 173 01-S | 2    | Cap, valve spring                                                                                                          |
| 13       | 12 755 03-S | 2    | Kit, retainer                                                                                                              |
| 14       | 12 468 05-S | 1    | Washer, plain 13/32                                                                                                        |
| 15       | 12 112 13-S | 1    | Spacer, head bolt<br>exhaust port                                                                                          |
| 16       | 20 086 02-S | 5    | Screw, hex. flange<br>M10x1.5x81                                                                                           |
| 17       | 12 326 18-S | 1    | Hose, breather                                                                                                             |
| 18       | 25 237 14-S | 1    | Clamp, hose                                                                                                                |

| Ref. No. | Part No.    | Qty. | Description                     |
|----------|-------------|------|---------------------------------|
| 19       | M-645016-S  | 5    | Screw, hex. flange<br>M6x1.0x16 |
| 20       | 12 096 47-S | 1    | Cover, valve                    |
| 21       | M-545010-S  | 1    | Screw, hex. flange<br>M5x0.8x10 |
| 22       | 12 018 01-S | 1    | Retainer, breather<br>reed      |
| 23       | 12 402 02-S | 1    | Reed, breather                  |
|          |             |      | NOT ILLUSTRATED                 |
|          | 12 017 02-S | 1    | Valve, intake (.25)             |
|          | 12 016 02-S | 1    | Valve, exhaust (.25)            |
|          | 12 041 01-S | 2    | Gasket, carburetor (2)          |
|          | 12 041 02-S | 1    | Gasket, air cleaner<br>base     |
|          | 12 041 03-S | 1    | Gasket, exhaust<br>manifold     |

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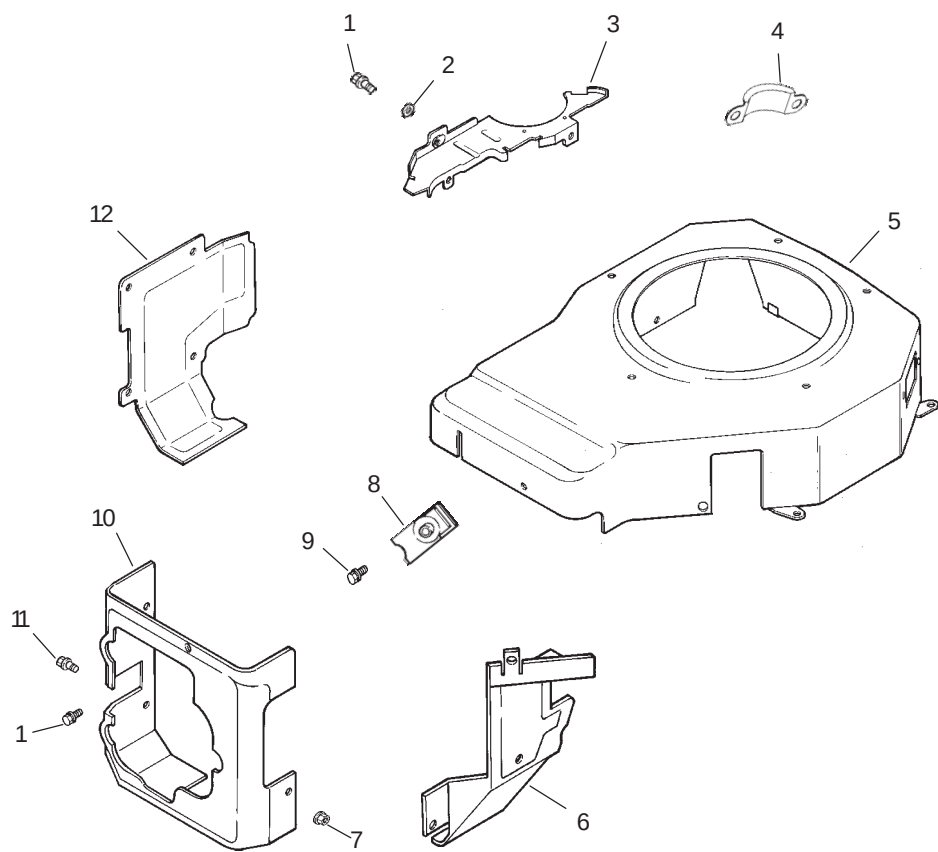


Sheet No.:

## Group 5-Ignition/Electrical Assembly

| Ref. No. | Part No.    | Qty. | Description                                    | Ref. No.    | Part No.    | Qty.                                                                                                         | Description                     |
|----------|-------------|------|------------------------------------------------|-------------|-------------|--------------------------------------------------------------------------------------------------------------|---------------------------------|
| 1        | 12 086 14-S | 1    | Screw, hex. flange<br>M10x1.5x46               | 19          | M-545020-S  | 2                                                                                                            | Screw, hex. flange<br>M5x0.8x20 |
| 2        | 12 468 03-S | 1    | Washer, plain 3/8                              | 20          | 12 584 04-S | 1                                                                                                            | Module, ignition                |
| 3        | 24 018 03-S | 3    | Retainer, grass screen                         | 21          | 12 154 07-S | 2                                                                                                            | Clip                            |
| 4        | 24 162 03-S | 1    | Screen, grass                                  |             |             |                                                                                                              | NOT ILLUSTRATED                 |
| 5        | 25 086 47-S | 4    | Bolt, shoulder<br>M6x1.0x16                    |             |             |                                                                                                              |                                 |
| 6        | 12 157 06-S | 1    | Fan                                            | 25 452 01-S | 2           | Terminal                                                                                                     |                                 |
| 7        | X-42-15-S   | 1    | Key                                            | 12 518 01-S | 1           | Lead, white (19" – 18<br>gauge – fully insulated<br>push on tab and<br>uninsulated push on<br>tab terminals) |                                 |
| 8        | 12 025 15-S | 1    | Flywheel                                       |             |             |                                                                                                              |                                 |
| 9        | 41 403 09-S | 1    | Rectifier-regulator                            |             |             |                                                                                                              |                                 |
| 10       | X-22-11-S   | 2    | Washer, lock 1/4                               |             |             |                                                                                                              |                                 |
| 11       | 12 086 42-S | 2    | Screw, hex. flange<br>M6x1.0x16                | 24 518 12-S | 1           | Lead, black (6" – 12<br>gauge – insulated grip<br>barrel eyelet<br>terminals)                                |                                 |
| 12       | 236602-S    | 1    | Connector rectifier-regulator (3 contact)      |             |             |                                                                                                              |                                 |
| 13       | 48 155 01-S | 1    | Connector (5 contact)                          |             |             |                                                                                                              |                                 |
| 14       | M-548025-S  | 2    | Screw, hex. cap<br>M5x0.8x25                   | 25 518 05-S | 1           | Lead, black (5 1/2" 14<br>gauge 1/2" uninsulated<br>push on tab terminals)                                   |                                 |
| 15       | 237878-S    | 1    | Kit, stator (Includes<br>Terminal 25 452 01-S) |             |             |                                                                                                              |                                 |
| 16       | M-545010-S  | 2    | Screw, hex. flange<br>M5x0.8x10                |             |             |                                                                                                              |                                 |
| 17       | X-728-1-S   | 2    | Clip                                           |             |             |                                                                                                              |                                 |
| 18       | 12 132 02-S | 1    | Spark Plug                                     |             |             |                                                                                                              |                                 |

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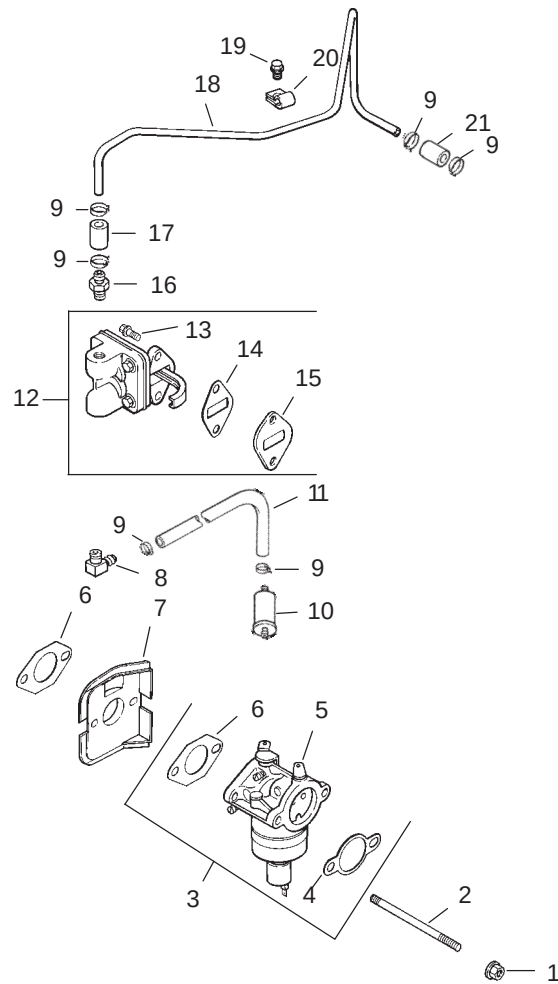
Group 6-Blower Housing Assembly

| Ref. No. | Part No.    | Qty. | Description                        | Ref. No. | Part No. | Qty. | Description |
|----------|-------------|------|------------------------------------|----------|----------|------|-------------|
| 1        | M-545010-S  | 6    | Screw, hex. flange<br>M5x0.8x10    |          |          |      |             |
| 2        | 24 468 10-S | 1    | Washer, plain 1/4                  |          |          |      |             |
| 3        | 12 146 07-S | 1    | Plate, blower housing              |          |          |      |             |
| 4        | 24 096 05-S | 1    | Cover, pinion                      |          |          |      |             |
| 5        | 12 027 55-S | 1    | Housing, blower                    |          |          |      |             |
| 6        | 12 063 18-S | 1    | Baffle, intake side                |          |          |      |             |
| 7        | M-541050-S  | 1    | Nut, hex. flange<br>M5x0.8         |          |          |      |             |
| 8        | 25 154 02-S | 3    | Clip, mounting                     |          |          |      |             |
| 9        | M-645016-S  |      | Screw, hex. flange<br>M6x1.0x16    |          |          |      |             |
| 10       | 12 063 20-S | 1    | Baffle, cylinder head              |          |          |      |             |
| 11       | 12 086 37-S | 3    | Screw, captive washer<br>M5x0.8x20 |          |          |      |             |
| 12       | 12 063 19-S | 1    | Baffle, cylinder                   |          |          |      |             |

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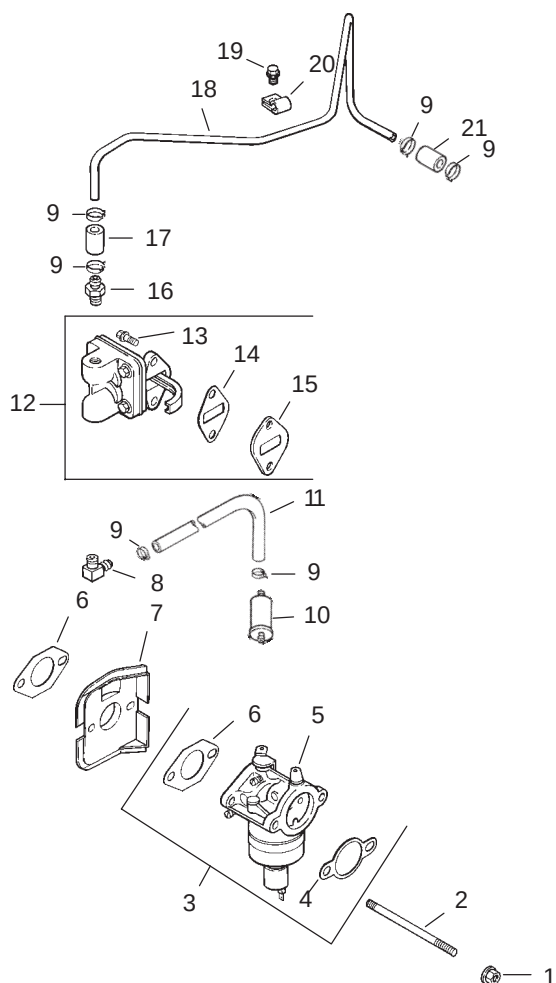


Sheet No.:

## Group 8–Fuel System Assembly

| Ref. No. | Part No.     | Qty. | Description                                                                                                                                                           | Ref. No. | Part No.    | Qty. | Description                                                                                                  |
|----------|--------------|------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|-------------|------|--------------------------------------------------------------------------------------------------------------|
| 1        | M-641060-S   | 2    | Nut, hex. flange<br>M6x1.0                                                                                                                                            | 12       | 12 559 01-S | 1    | Kit, fuel pump (Includes<br>13-15)                                                                           |
| 2        | M-629116-S   | 2    | Stud M6x1.0x116 (2)                                                                                                                                                   | 13       | M-645020-S  | 2    | Screw, hex. flange<br>M6x1.0x20                                                                              |
| 3        | 12 853 131-S | 1    | Kit, carburetor<br>w/gaskets<br>(Includes 4, 5, 6 [qty.<br>1],<br>Terminal 25 452 20-S,<br>& Tie 12 454 03-S)                                                         | 14       | 25 041 09-S | 2    | Gasket, fuel pump                                                                                            |
| 4        | 12 041 02-S  | 1    | Gasket, air cleaner                                                                                                                                                   | 15       | 12 112 05-S | 1    | Spacer, fuel pump                                                                                            |
| 5        | 12 053 131   | 1    | Carburetor assembly<br>(For information only<br>not available<br>separately)<br>(Service with kits:<br>12 757 02-S,<br>12 757 03-S,<br>12 757 33-S, &<br>12 757 37-S) | 16       | 25 326 03-S | 1    | Connector, straight<br>hose                                                                                  |
| 6        | 12 041 01-S  | 2    | Gasket, carburetor                                                                                                                                                    | 17       | 12 353 01-S | 1    | Line, fuel 1-1/4"                                                                                            |
| 7        | 12 265 06-S  | 1    | Deflector, heat                                                                                                                                                       | 18       | 12 123 19-S | 1    | Line, fuel – metal                                                                                           |
| 8        | 25 155 02-S  | 1    | Connector, 90( hose                                                                                                                                                   | 19       | M-545010-S  | 1    | Screw, hex. flange<br>M5x0.8x10                                                                              |
| 9        | 25 237 14-S  | 6    | Clamp, fuel line                                                                                                                                                      | 20       | 12 154 01-S | 1    | Clamp, fuel line                                                                                             |
| 10       | 25 050 07-S  | 1    | Filter, fuel                                                                                                                                                          | 21       | 41 353 18-S | 1    | Line fuel 2-1/2"                                                                                             |
| 11       | 25 353 02-S  | 1    | Line, fuel 3"                                                                                                                                                         |          |             |      | NOT ILLUSTRATED                                                                                              |
|          |              |      |                                                                                                                                                                       |          | 12 757 02-S | 1    | Kit, float                                                                                                   |
|          |              |      |                                                                                                                                                                       |          | 12 757 03-S | 1    | Kit, carburetor repair                                                                                       |
|          |              |      |                                                                                                                                                                       |          | 12 757 33-S | 1    | Kit, solenoid repair                                                                                         |
|          |              |      |                                                                                                                                                                       |          | 12 757 37-S | 1    | Kit, bowl replacement                                                                                        |
|          |              |      |                                                                                                                                                                       |          | 12 518 24-S | 1    | Lead, red (20 $\frac{1}{2}$ – 18<br>gauge – insulated<br>socket and<br>uninsulated push on<br>tab terminals) |

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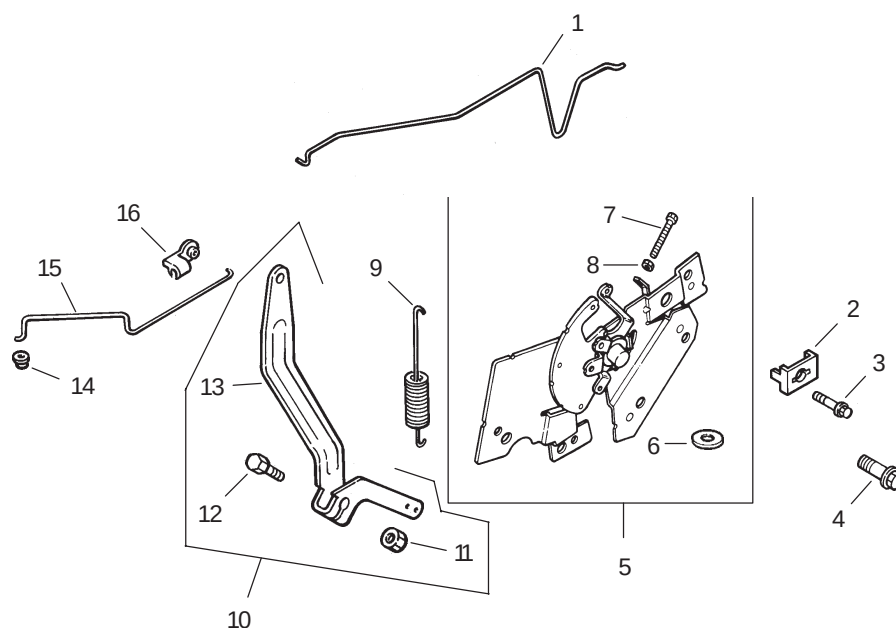


Sheet No.:

## Group 8-Fuel System Assembly (continued)

| Ref. No. | Part No.    | Qty. | Description                                                                             | Ref. No. | Part No. | Qty. | Description |
|----------|-------------|------|-----------------------------------------------------------------------------------------|----------|----------|------|-------------|
|          | 12 454 03-S | 3    | Tie, wire                                                                               |          |          |      |             |
| *        | M-561010-S  | 1    | Screw, thread forming<br>M5x0.8x10                                                      |          |          |      |             |
| *        | X-22-11-S   | 1    | Washer, lock 1/4<br>* Used to attach<br>carburetor ground lead<br>to carburetor baffle. |          |          |      |             |

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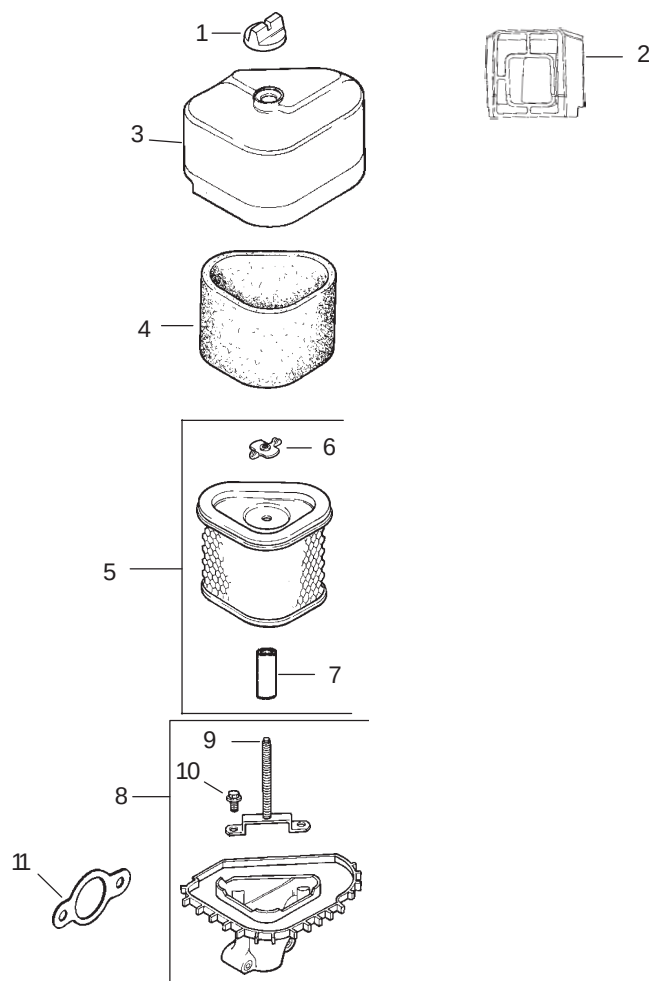
Sheet No.:

## Group 9–Engine Control Assembly

| Ref. No. | Part No.    | Qty. | Description                                  |
|----------|-------------|------|----------------------------------------------|
| 1        | 12 079 11-S | 1    | Linkage, choke                               |
| 2        | 12 237 01-S | 2    | Clamp, cable                                 |
| 3        | M-545016-S  | 2    | Screw, hex. flange<br>M5x0.8x16              |
| 4        | M-664020-S  | 2    | Screw, lobed socket<br>M6x1.0x20             |
| 5        | 12 536 02-S | 1    | Control, speed<br>assembly (Includes<br>6-8) |
| 6        | 230293-S    | 1    | Spacer, shim (.005)                          |
| 7        | M-401030-S  | 1    | Screw, hex. flange<br>M4x0.7x30              |
| 8        | M-446030-S  | 1    | Nut, hex. M4x0.7                             |
| 9        | 52 089 07-S | 1    | Spring, governor                             |
| 10       | 12 755 83-S | 1    | Kit, governor lever<br>(Includes 11-13)      |
| 11       | 12 100 07-S | 1    | Nut, hex. flange<br>M6x1.0                   |
| 12       | 52 211 04-S | 1    | Screw, hex. flange<br>M6x1.0x25              |
| 13       | 12 090 28-S | 1    | Lever, governor                              |
| 14       | 25 158 08-S | 1    | Bushing, linkage<br>retaining                |
| 15       | 12 079 10-S | 1    | Linkage, throttle                            |

| Ref. No. | Part No.    | Qty. | Description                |
|----------|-------------|------|----------------------------|
| 16       | 25 158 11-S | 1    | Bushing, linkage retaining |

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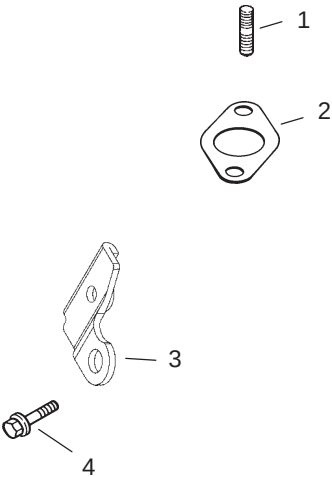


Sheet No.:

## Group 10-Air Intake/Filtration Assembly

| Ref. No. | Part No.    | Qty. | Description                            | Ref. No. | Part No. | Qty. | Description |
|----------|-------------|------|----------------------------------------|----------|----------|------|-------------|
| 1        | 25 341 03-S | 1    | Knob, air cleaner cover                |          |          |      |             |
| 2        | 12 281 02-S | 1    | Duct, air                              |          |          |      |             |
| 3        | 12 096 44-S | 1    | Cover, air cleaner                     |          |          |      |             |
| 4        | 12 083 12-S | 1    | Precleaner                             |          |          |      |             |
| 5        | 12 083 10-S | 1    | Element, air cleaner<br>(Includes 6,7) |          |          |      |             |
| 6        | 12 100 01-S | 1    | Wing Nut                               |          |          |      |             |
| 7        | 12 032 11-S | 1    | Seal                                   |          |          |      |             |
| 8        | 12 094 14-S | 1    | Base, air cleaner<br>(Includes 9,10)   |          |          |      |             |
| 9        | 12 072 04-S | 1    | Stud M6x1.0x79                         |          |          |      |             |
| 10       | 12 086 01-S | 2    | Screw, #10 Hi-Lo<br>thread forming     |          |          |      |             |
| 11       | 12 041 02-S | 1    | Gasket, air cleaner                    |          |          |      |             |
|          |             |      | NOT ILLUSTRATED                        |          |          |      |             |
|          | 12 113 04-S | 1    | Decal, air cleaner                     |          |          |      |             |

Kohler Engine Model No. CV460S-26518. Obtain Parts from Local Kohler Dealer.



Sheet No.:

Group 11-Exhaust Assembly

| Ref. No. | Part No.    | Qty. | Description                  | Ref. No. | Part No. | Qty. | Description |
|----------|-------------|------|------------------------------|----------|----------|------|-------------|
| 1        | 25 072 04-S | 2    | Stud M8x1.25x33              |          |          |      |             |
| 2        | 12 041 03-S | 2    | Gasket, exhaust manifold     |          |          |      |             |
| 3        | 12 126 87-S | 1    | Bracket, lifting strap       |          |          |      |             |
| 4        | M-645020-S  | 1    | Screw, hex. flange M6x1.0x20 |          |          |      |             |
|          | 12 522 54   | 1    | Short Block                  |          |          |      |             |
|          | 12 755 93-S | 1    | Gasket Set                   |          |          |      |             |

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## Maintenance Record

[illegible]

