



**Count on it.**

Form No. 3360-369 Rev C

# Parts Catalog

## ProCore® 648 Aerator

Model No. 09200—Serial No. 280000601 and Up



# 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 illustration and in parts lists.

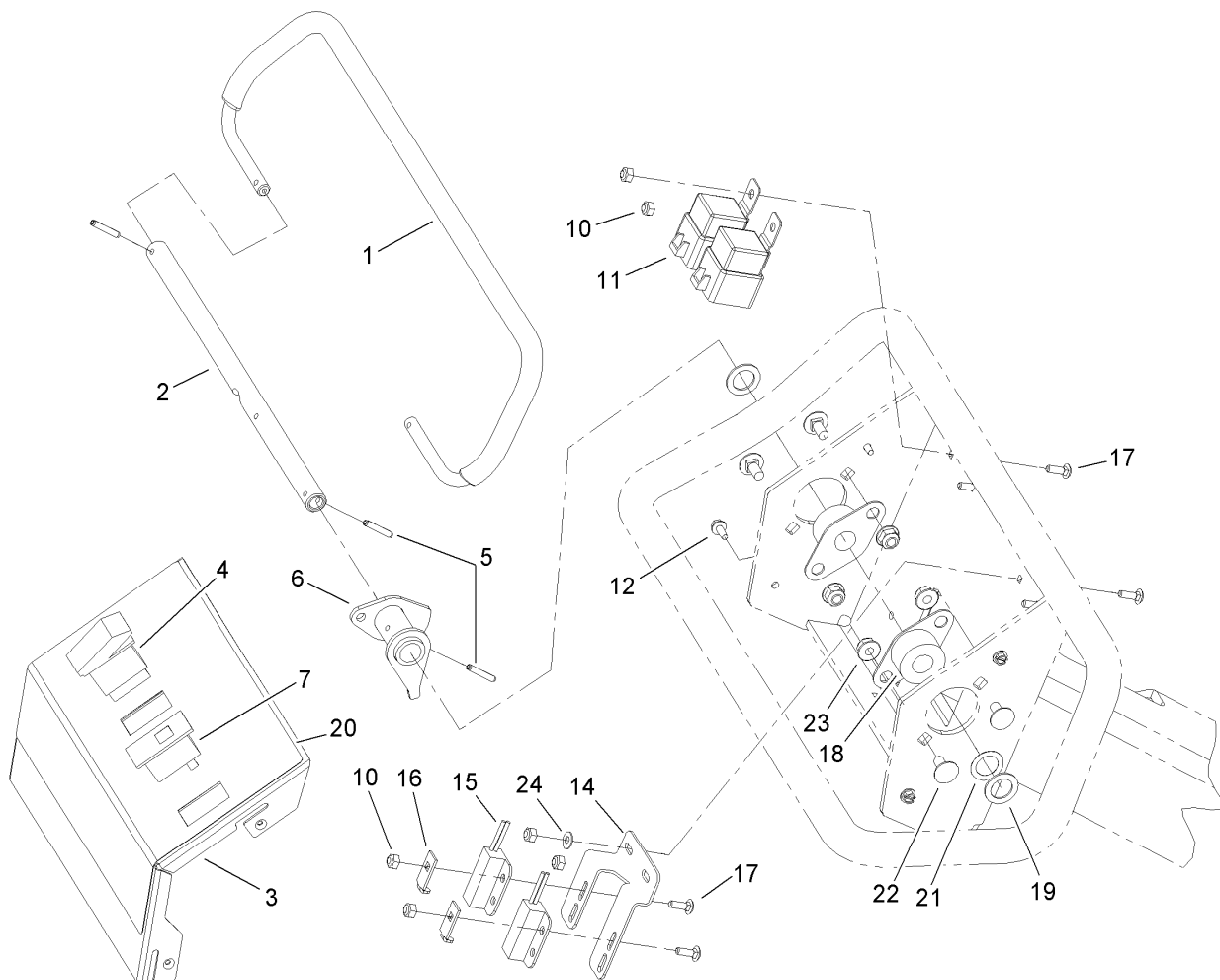
## Reference Numbers Indicating Quantity

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.

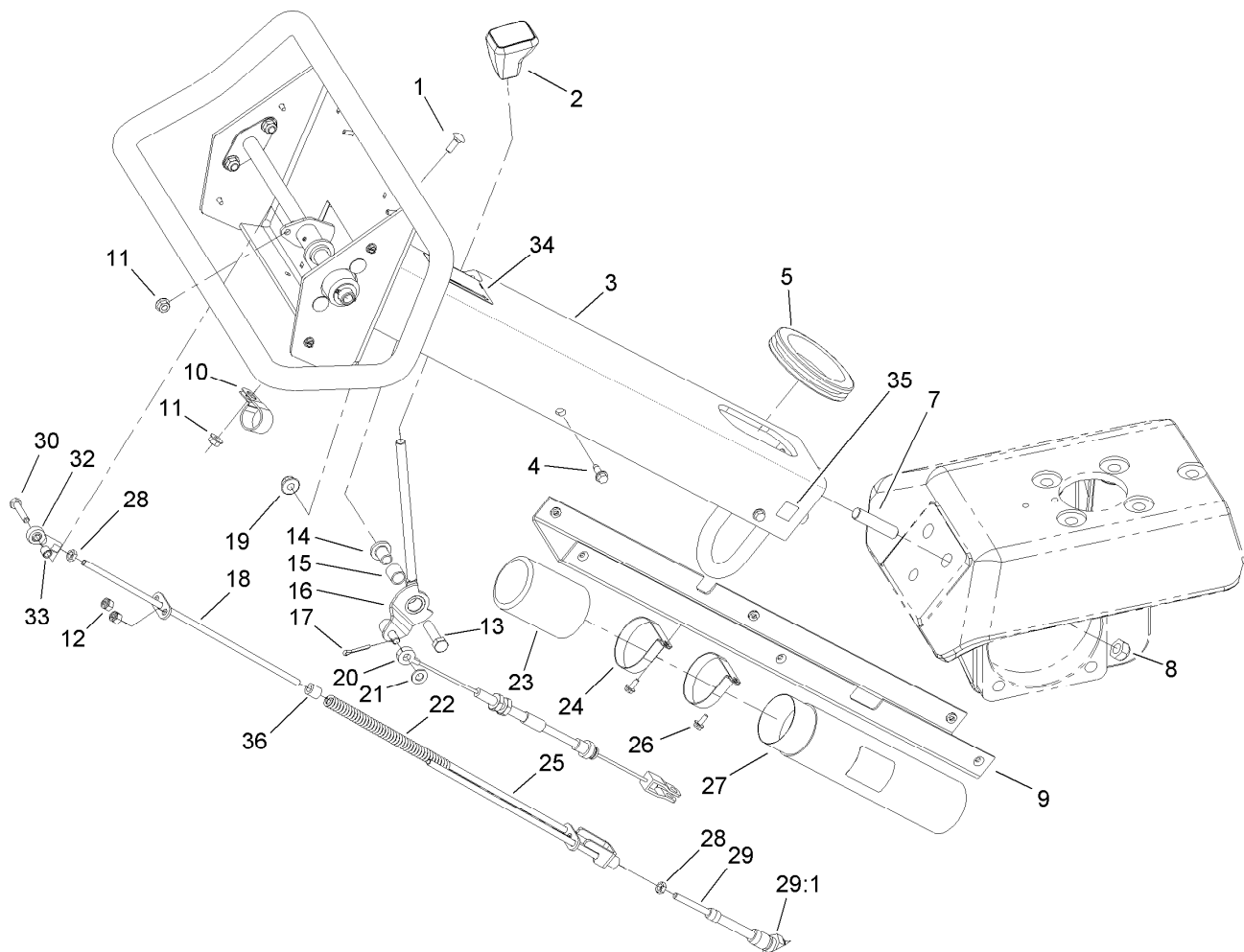
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## Control Bail Assembly

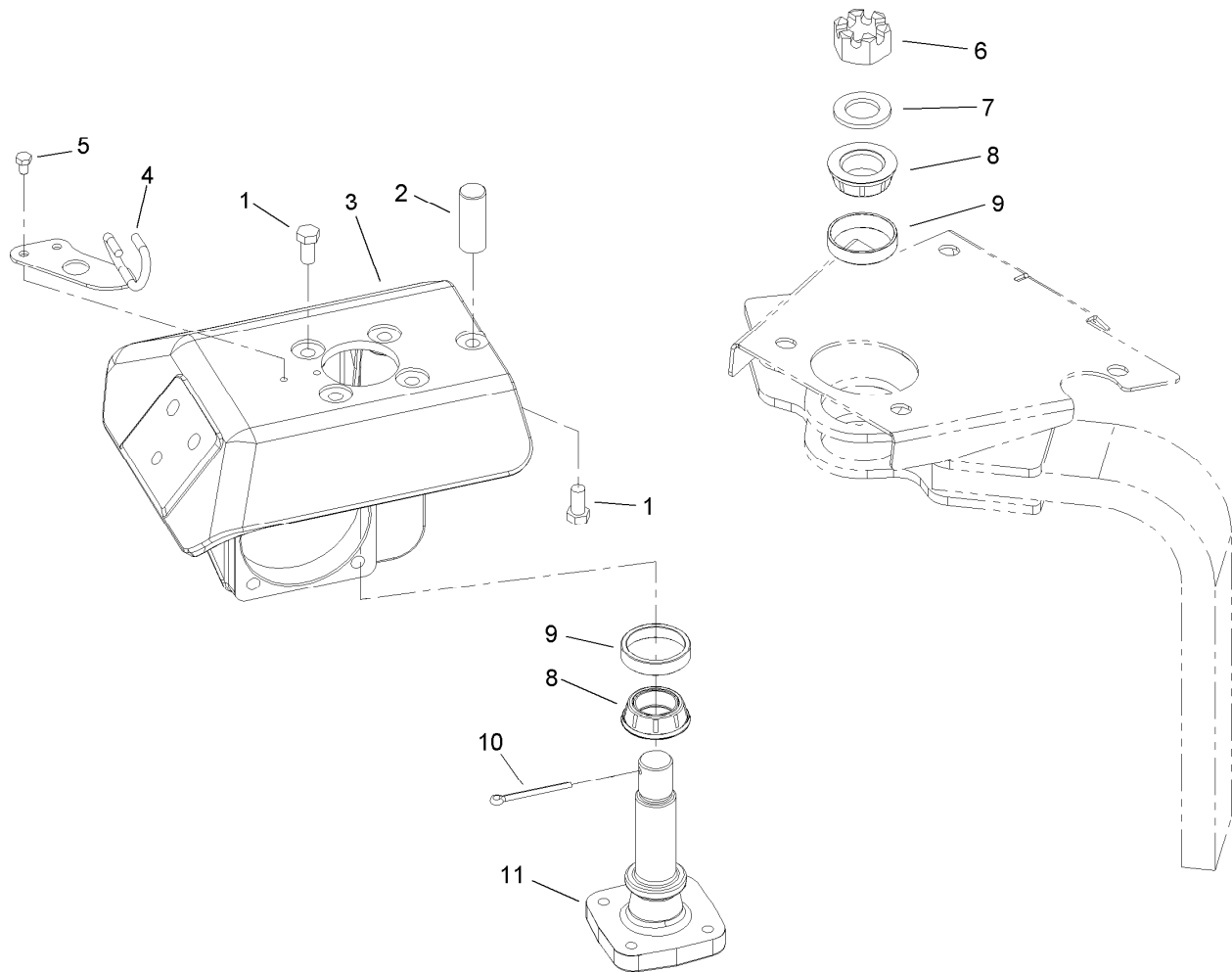
| Ref. | Part Number | Qty. | Description                       |
|------|-------------|------|-----------------------------------|
| 1    | 106-8948    | 1    | Handle-Traction                   |
| 2    | 107-3350    | 1    | Shaft-Pivot, Bail V               |
| 3    | 105-1183-03 | 1    | Cover-Handle, Control             |
| 4    | 106-8921    | 1    | Switch-Rocker, Off-On             |
| 5    | 32121-45    | 3    | Pin-Spring                        |
| 6    | 107-3351    | 1    | Bail Lever ASM                    |
| 7    | 99-7410     | 1    | Indicator-Light, Low-Oil Pressure |
| 10   | 3296-2      | 6    | Nut-Lock, NI                      |
| 11   | 99-7430     | 2    | Relay-Mini                        |
| 12   | 32104-60    | 4    | Screw-HWH                         |
| 14   | 107-3361    | 1    | Mount-Switch                      |
| 15   | 100-1270    | 2    | Switch-Proximity                  |
| 16   | 100-4872    | 2    | Plate-Switch, Neutral             |
| 17   | 3229-34     | 6    | Screw-CARR                        |
| 18   | 256-236     | 2    | Bearing-Mount, Flange             |
| 19   | 3256-69     | 2    | Washer-Flat                       |
| 20   | 106-8855    | 1    | Decal-Console, Handle             |
| 21   | 108-2100    | 1    | Washer-Spring, Curved             |
| 22   | 3230-18     | 4    | Screw-CARR                        |
| 23   | 104-8300    | 4    | Nut-HF, NI                        |
| 24   | 3256-14     | 2    | Washer-Flat                       |



## Front Handle Assembly

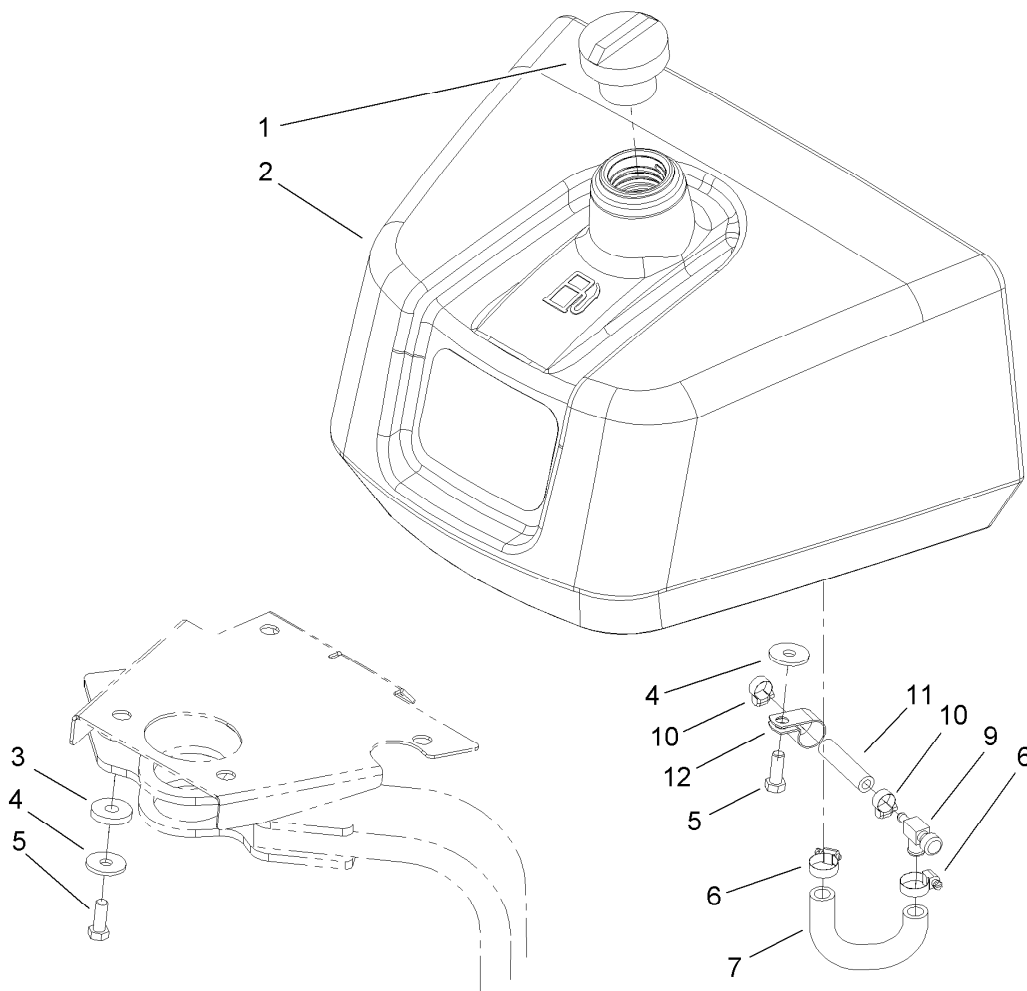
| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 3229-1      | 1    | Bolt-CARR              |
| 2    | 65-8970     | 1    | Knob-Shift             |
| 3    | 105-1194-01 | 1    | Control Handle ASM     |
| 4    | 32144-44    | 6    | Screw-HWH, Thread Roll |
| 5    | 240-8       | 1    | Grommet-Rubber         |
| 7    | 80-8680     | 3    | Stud                   |
| 8    | 3296-19     | 3    | Nut-Hex                |
| 9    | 107-3363-03 | 1    | Cover-Lower, Handle    |
| 10   | 2412-39     | 1    | Clamp-R                |
| 11   | 32128-33    | 2    | Nut-HF                 |
| 12   | 3296-3      | 2    | Nut-Lock               |
| 13   | 323-8       | 1    | Screw-HH               |
| 14   | 80-7200     | 1    | Spacer-Brake           |
| 15   | 256-206     | 1    | Bushing                |
| 16   | 86-8420     | 1    | Lever-Brake            |
| 17   | 3272-10     | 1    | Pin-Cotter             |
| 18   | 107-3354    | 1    | Override Rod ASM       |
| 19   | 104-8301    | 1    | Nut-HF, NI             |

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 20   | 106-8896    | 1    | Cable-Latch, Parking  |
| 21   | 3256-23     | 1    | Washer-Plain          |
| 22   | 107-3373    | 1    | Spring-Compression    |
| 23   | 104-7048    | 1    | Cap-Housing           |
| 24   | 2412-120    | 2    | Clamp-R               |
| 25   | 107-3360    | 1    | Spring Retainer ASM   |
| 26   | 32104-60    | 2    | Screw-HWH             |
| 27   | 104-7050    | 1    | Tube-Manual           |
| 28   | 3220-1      | 2    | Nut-Jam               |
| 29   | 80-7220     | 1    | Cable-Control, Stroke |
| 29:1 | 3220-6      | 4    | Nut-Jam               |
| 30   | 321-8       | 1    | Screw-HH              |
| 32   | 2411-41     | 1    | Rod End-Ball Joint    |
| 33   | 99-3545     | 1    | Spacer                |
| 34   | 93-9363     | 1    | Decal-Brake, Parking  |
| 35   | 93-9084     | 3    | Decal-Point, Lift     |
| 36   | 22-7810     | 1    | Spacer                |



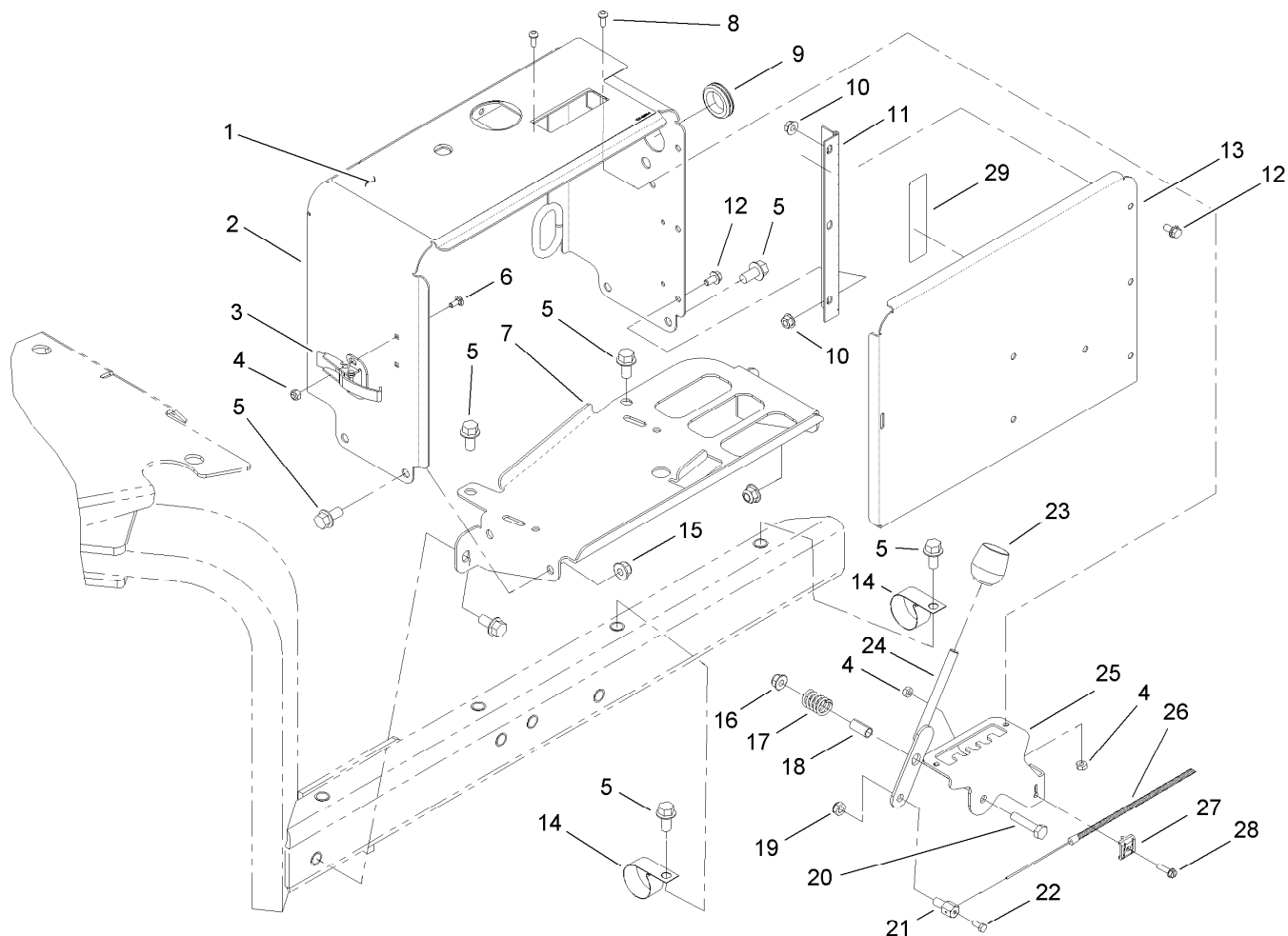
## Front Fork Assembly

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 325-4       | 5    | Screw-HH               |
| 2    | 106-8939    | 1    | Stop-Steering          |
| 3    | 108-1252-01 | 1    | Arm-Steering           |
| 4    | 106-8937    | 1    | Cable Guide ASM        |
| 5    | 322-1       | 2    | Screw-HH               |
| 6    | 32136-9     | 1    | Nut-Hex, Slotted       |
| 7    | 107-7597    | 1    | Washer-Plain           |
| 8    | 107-7589    | 2    | Cone-Bearing (W/ Seal) |
| 9    | 107-7590    | 2    | Cup-Bearing            |
| 10   | 3272-37     | 1    | Pin-Cotter             |
| 11   | 107-7595-03 | 1    | Spindle-Steer          |



## Fuel Tank Assembly

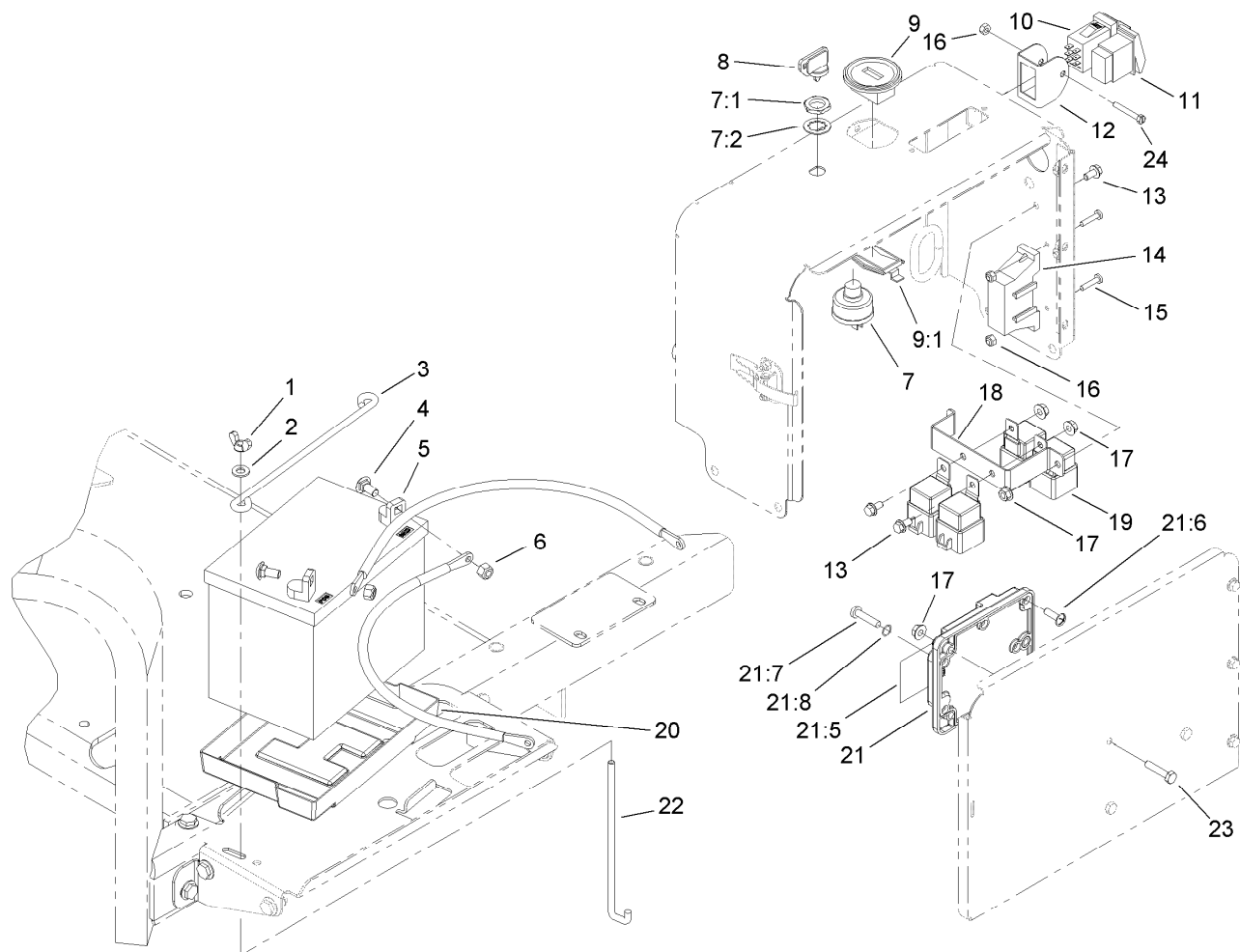
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 93-7170     | 1    | Cap-Fuel             |
| 2    | 105-8266    | 1    | Tank-Fuel            |
| 3    | 240-11      | 4    | Bushing-Flange       |
| 4    | 63-8410     | 4    | Washer               |
| 5    | 323-6       | 4    | Screw-HH             |
| 6    | 2412-36     | 2    | Clamp-Hose           |
| 7    | 108-6818    | 1    | Hose-Fuel, Molded    |
| 9    | 83-1390     | 1    | Valve-Shut-Off, Fuel |
| 10   | 2412-108    | 2    | Clamp-Worm           |
| 11   | 110-0047    | 1    | Hose-Fuel            |
| 12   | 2412-41     | 1    | Clamp-R              |



## Console Assembly

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 106-8854    | 1    | Decal-Console, Main |
| 2    | 105-1175-01 | 1    | Console             |
| 3    | 249-21      | 1    | Clamp-Slotted       |
| 4    | 3296-2      | 6    | Nut-Lock, NI        |
| 5    | 3234-1      | 10   | Screw-HHF           |
| 6    | 104-1450    | 2    | Bolt-CARR           |
| 7    | 105-1182-01 | 1    | Base-Console        |
| 8    | 3250-12     | 3    | Screw-PPH           |
| 9    | 240-5       | 1    | Grommet             |
| 10   | 32128-33    | 6    | Nut-HF              |
| 11   | 106-8908    | 1    | Hinge-Console       |
| 12   | 3234-13     | 6    | Screw-HHF           |
| 13   | 105-1171-01 | 1    | Cover-Console       |
| 14   | 2412-150    | 2    | Clip-J              |
| 15   | 104-8301    | 4    | Nut-HF, NI          |

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 16   | 104-8300    | 1    | Nut-HF, NI             |
| 17   | 20-6110     | 1    | Spring-Compression     |
| 18   | 40-8130     | 1    | Spacer                 |
| 19   | 3296-20     | 1    | Nut-Lock, NI           |
| 20   | 322-7       | 1    | Screw-HH               |
| 21   | 98-9311     | 1    | Swivel-Throttle        |
| 22   | 25-8640     | 1    | Screw-HH               |
| 23   | 233-37      | 1    | Knob                   |
| 24   | 105-1167    | 1    | Spacing Lever ASM      |
| 25   | 105-1166-03 | 1    | Bracket-Lever, Spacer  |
| 26   | 105-1062    | 1    | Cable-Control, Spacing |
| 27   | 81-1690     | 1    | Clamp-Cable            |
| 28   | 32105-13    | 1    | Screw-HWH              |
| 29   | 107-7555    | 1    | Decal-Block, Fuse      |



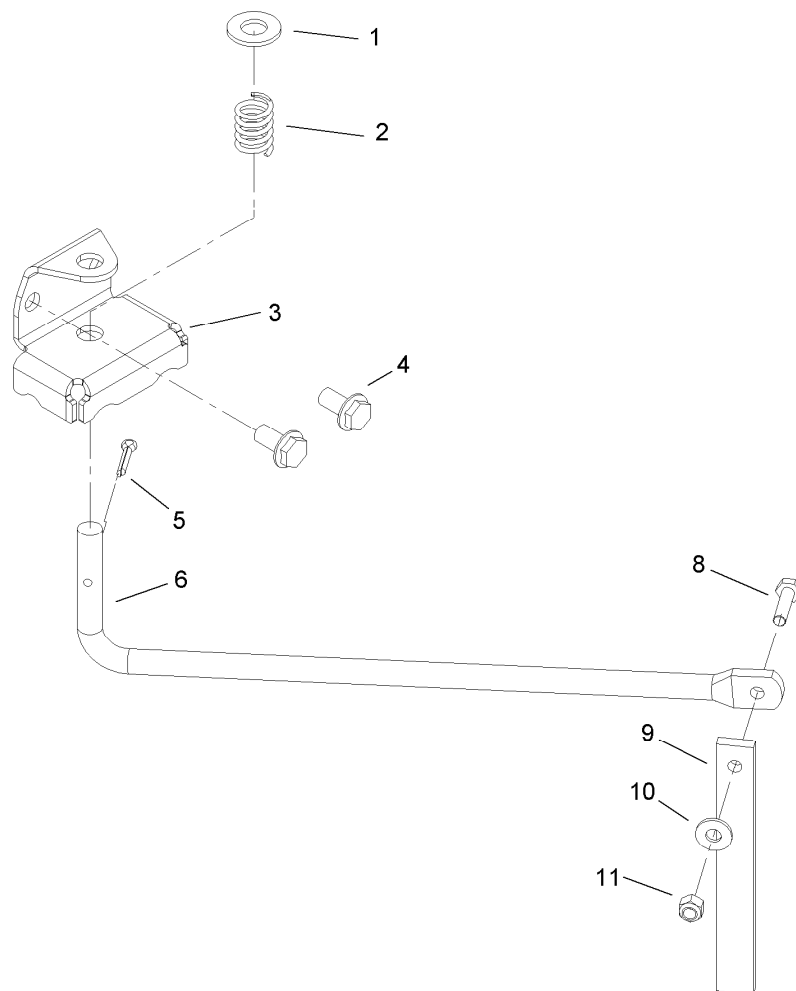
## Console Electrical Assembly

| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 1    | 32103-22    | 2    | Nut-Wing                  |
| 2    | 3256-23     | 2    | Washer-Plain              |
| 3    | 100-6434    | 1    | Rod-Hold Down, Battery    |
| 4    | 3230-1      | 2    | Bolt-CARR                 |
| 5    | 104-8162    | 1    | Battery                   |
| 6    | 104-8300    | 2    | Nut-HF, NI                |
| 7    | 83-0020     | 1    | Switch-Ignition           |
| 7:1  | 218-461     | 1    | Nut-HH                    |
| 7:2  | 3254-5      | 1    | Washer-Lock               |
| 8    | 63-8360     | 2    | Key-Ignition              |
| 9    | 104-7427    | 1    | Inductive Hourmeter ASM   |
| 9:1  | 104-4234    | 1    | Clip-Mounting             |
| 10   | 106-8920    | 1    | Switch-Paddle, On-None-On |
| 11   | 106-2027    | 1    | Switch-Intermittent       |
| 12   | 105-1158    | 1    | Guard-Switch              |
| 13   | 3234-13     | 3    | Screw-HHF                 |
| 14   | 106-8823    | 1    | Harness-Electric, Main    |

| Ref.  | Part Number | Qty. | Description             |
|-------|-------------|------|-------------------------|
| 14:6  | 218-578     | 2    | Fuse-Blade, 10 Amp ●    |
| 14:7  | 94-6710     | 1    | Fuse-2 Amp ●            |
| 14:9  | 109101      | 1    | Fuse-Blade, 20 Amp ●    |
| 14:10 | 100-4918    | 4    | Diode ●                 |
| 15    | 3250-27     | 2    | Screw-PPH               |
| 16    | 3296-2      | 3    | Nut-Lock, NI            |
| 17    | 32128-33    | 6    | Nut-HF                  |
| 18    | 107-7530-01 | 1    | Bracket-Relay           |
| 19    | 99-7430     | 4    | Relay-Mini              |
| 20    | 106948      | 1    | Tray-Battery            |
| 21    | 106-8831    | 1    | Module-Control, Aerator |
| 21:5  | 106-8835    | 1    | Decal-Module, Aerator   |
| 21:6  |             | 7    | Screw-PPH ■             |
| 21:7  |             | 2    | Screw-PPH ■             |
| 21:8  |             | 2    | Seal-Dust ■             |
| 22    | 100-6435    | 2    | Post-Battery            |
| 23    | 321-8       | 3    | Screw-HH                |
| 24    | 32105-1     | 1    | Screw-SHH               |

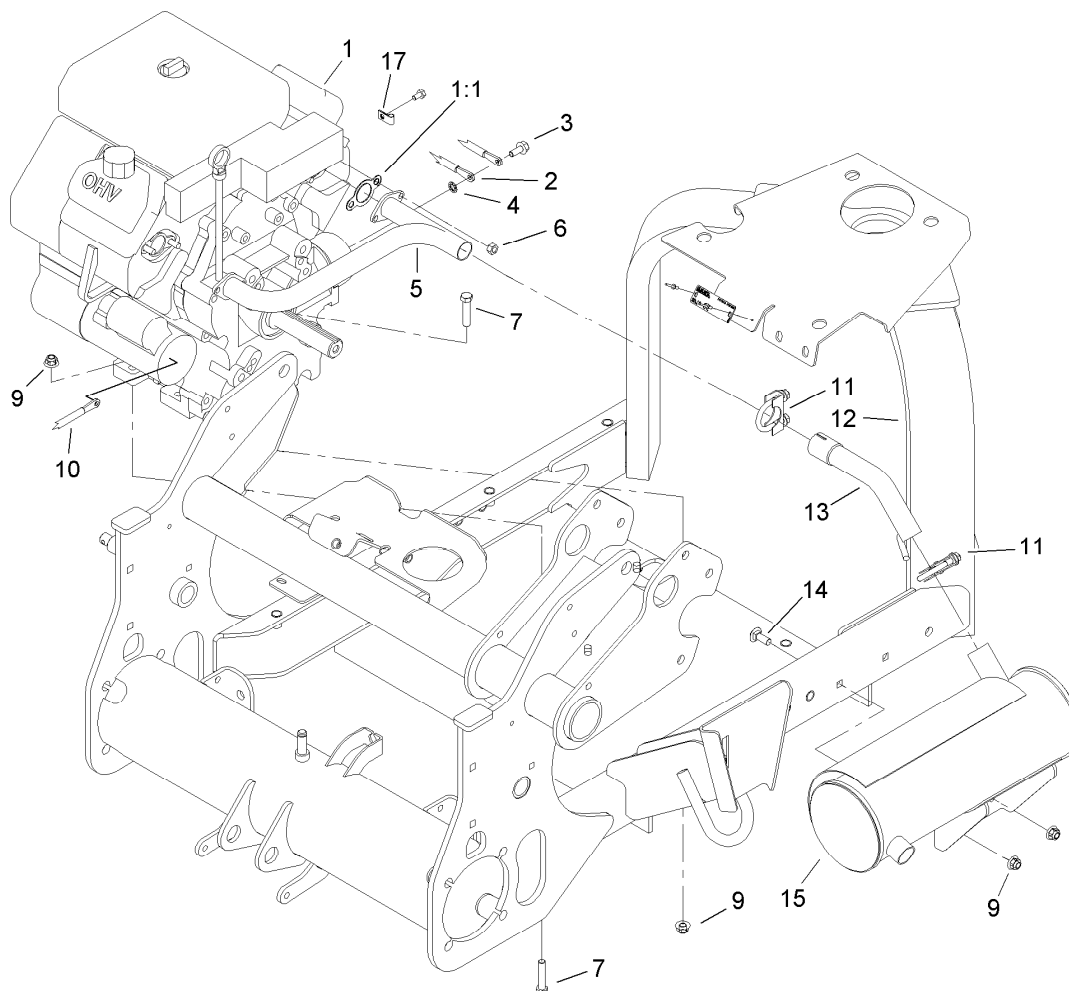
● Not illustrated

■ Not serviced separately



## Line Marker Assembly

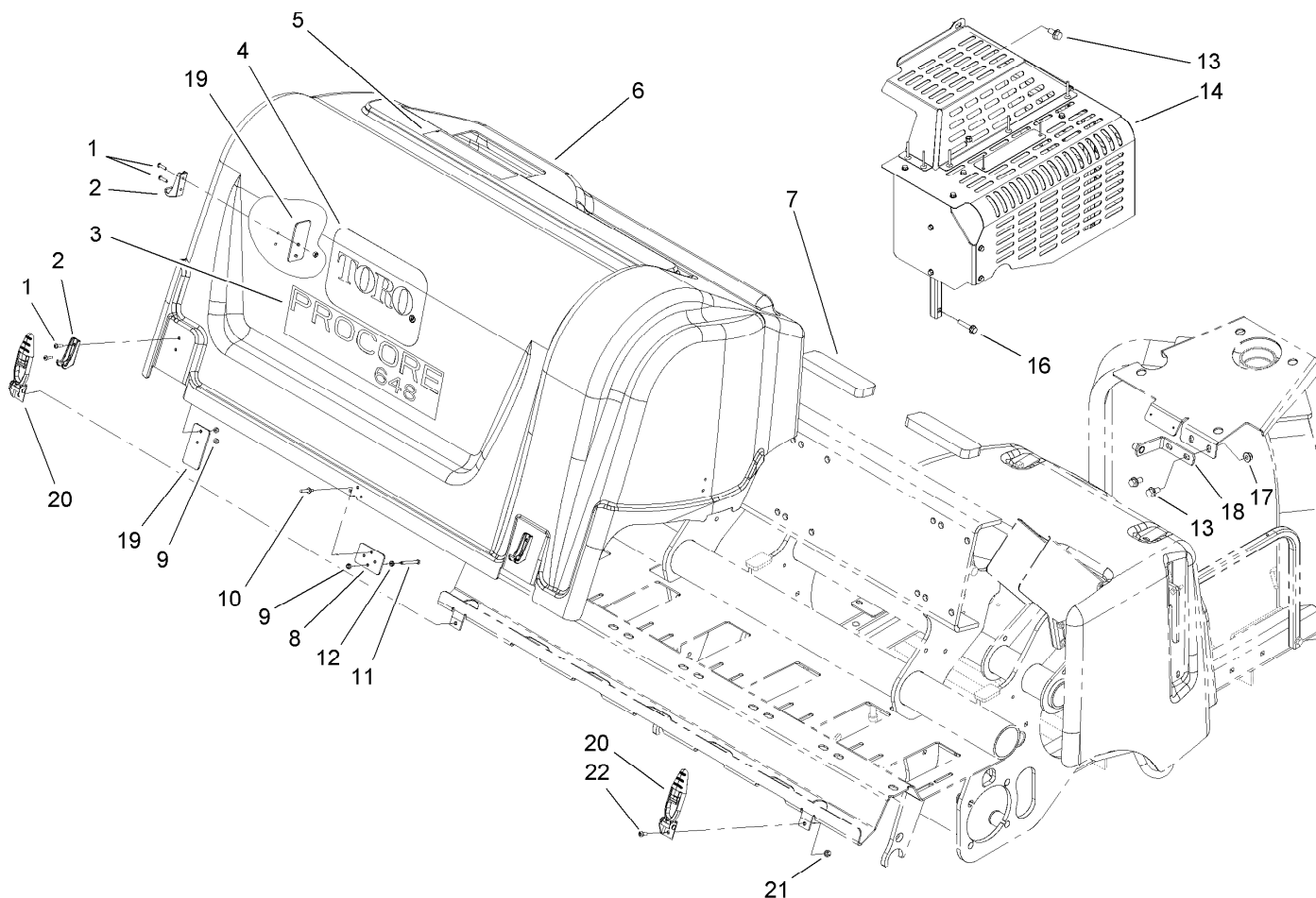
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 3256-26     | 2    | Washer-Flat        |
| 2    | 20-6110     | 2    | Spring-Compression |
| 3    | 105-1178-01 | 2    | Bracket-Marker     |
| 4    | 3234-1      | 4    | Screw-HHF          |
| 5    | 3272-31     | 2    | Pin-Cotter         |
| 6    | 105-1179    | 2    | Rod-Marker         |
| 8    | 321-6       | 2    | Screw-HH           |
| 9    | 59-9460     | 2    | Guide              |
| 10   | 3256-2      | 2    | Washer-Flat        |
| 11   | 3296-42     | 2    | Nut-Lock, NI       |



## Engine and Muffler Assembly

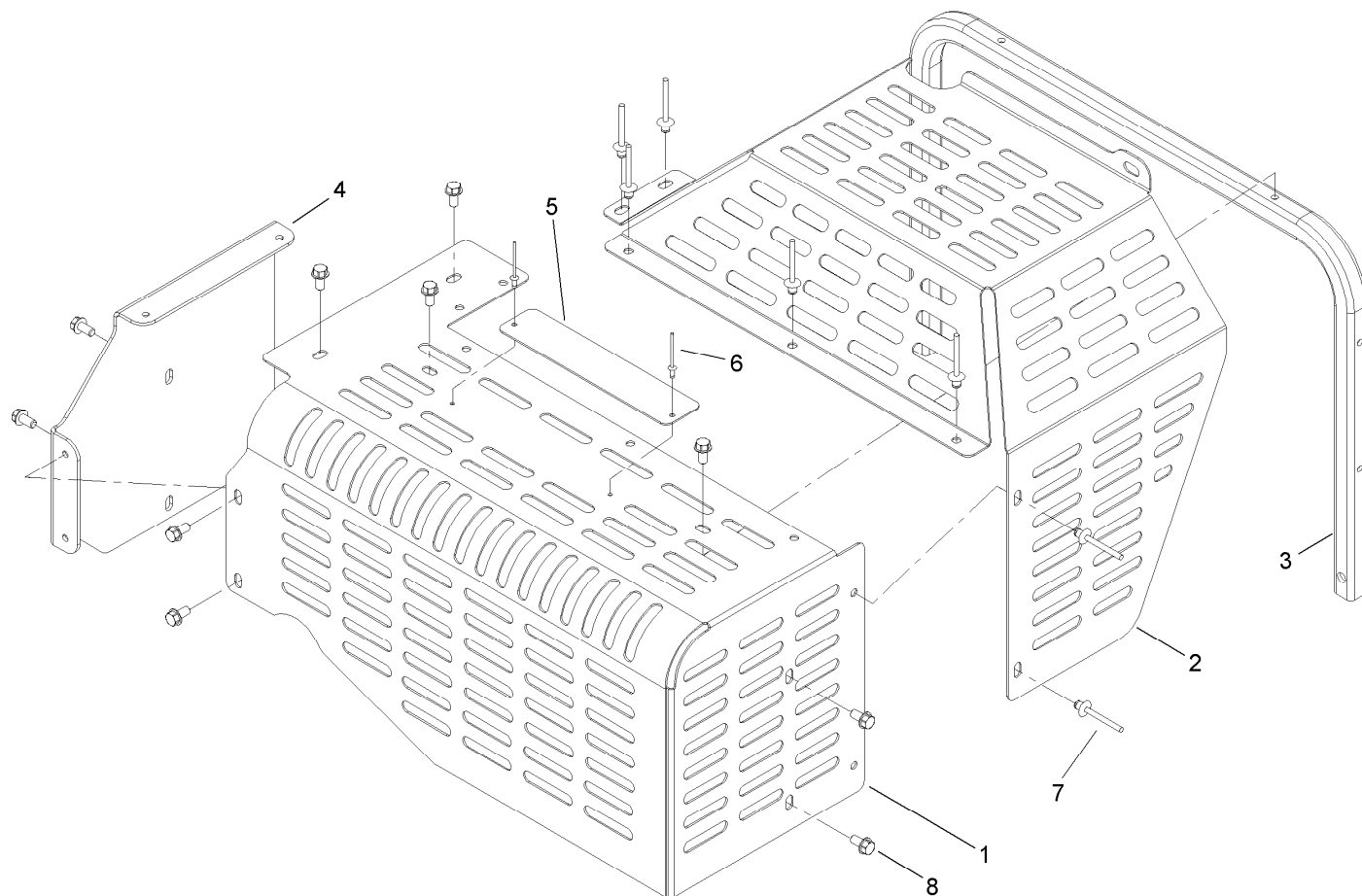
| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    | 106-8801    | 1    | Engine-Kohler           |
| 1:1  |             | 2    | Gasket-Exhaust ●        |
| 2    | 106-8946    | 1    | Cable-Battery, Negative |
| 3    | 33104-020   | 1    | Screw-HHF               |
| 4    | 3254-2      | 1    | Washer-Lock, Internal   |
| 5    | 106-8858    | 1    | Manifold-Exhaust        |
| 6    | 33014-00    | 4    | Nut-Hex                 |
| 7    | 323-9       | 4    | Screw-HH                |
| 9    | 104-8301    | 6    | Nut-HF, NI              |
| 10   | 106-8945    | 1    | Cable-Battery, Positive |
| 11   | 104-4090    | 2    | Clamp-Muffler           |
| 12   | 106-8910    | 1    | Front Frame ASM         |
| 13   | 106-8857    | 1    | Elbow-Exhaust           |
| 14   | 3231-2      | 2    | Bolt-CARR               |
| 15   | 106-8859    | 1    | Muffler-Exhaust         |
| 17   | 2412-72     | 1    | Clip-Closed, Insulated  |

● Not serviced separately



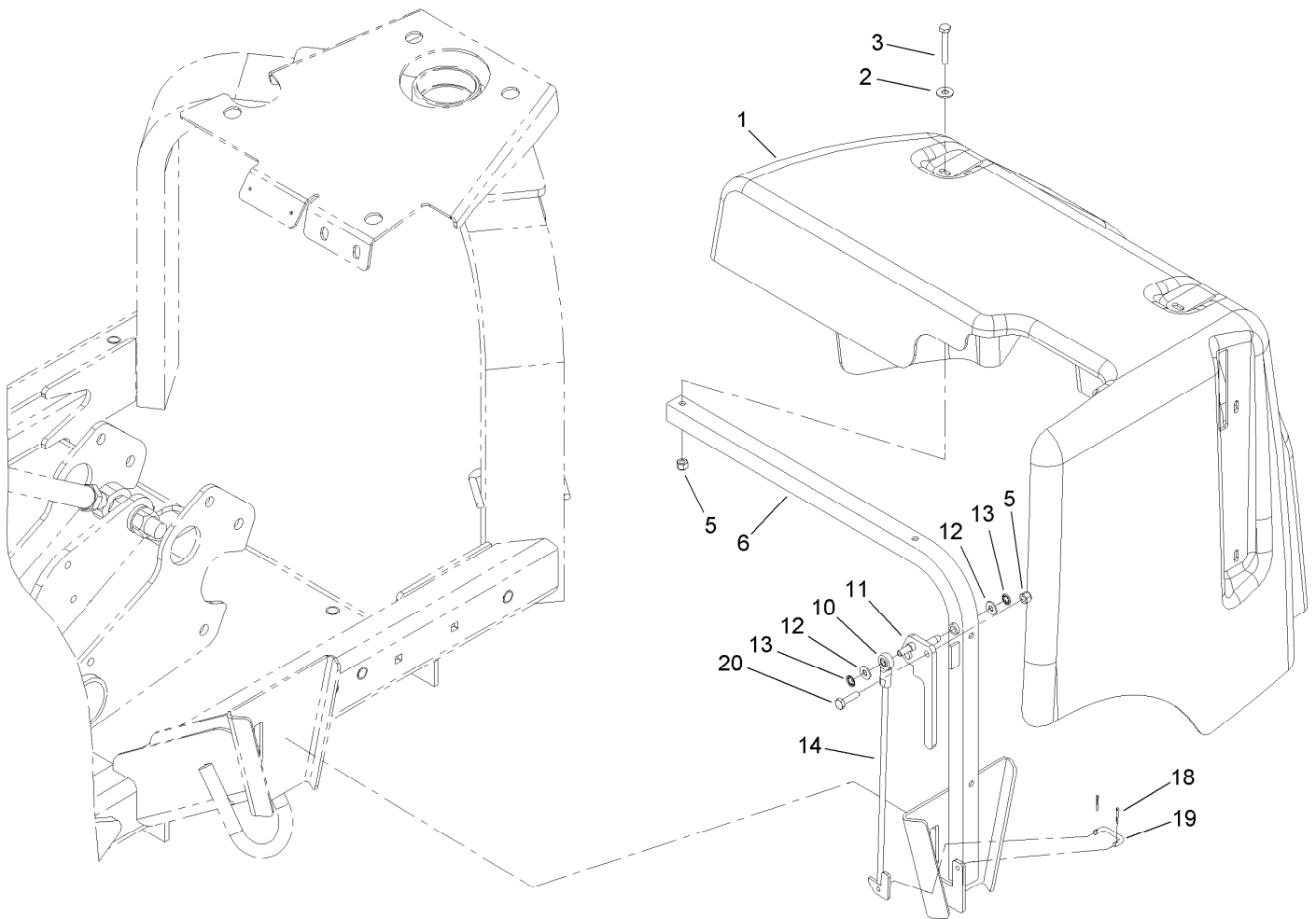
## Rear Hood and Muffler Shield Assembly

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 104-2408    | 8    | Screw-HSBH          |
| 2    | 103-2897    | 4    | Latch-Catch         |
| 3    | 106-8852    | 1    | Decal               |
| 4    | 67-7310     | 1    | Decal               |
| 5    | 106-8856    | 1    | Decal-Depth, Tine   |
| 6    | 110-1494    | 1    | Hood-Rear           |
| 7    | 107-7507    | 3    | Pad-Foam            |
| 8    | 107-7508    | 1    | Plate-Backup        |
| 9    | 3296-2      | 9    | Nut-Lock, NI        |
| 10   | 3269-22     | 3    | Rivet-Pop           |
| 11   | 32105-20    | 1    | Screw-HH            |
| 12   | 3217-26     | 1    | Nut-Hex             |
| 13   | 3234-1      | 3    | Screw-HHF           |
| 14   | 107-7546    | 1    | Shield ASM          |
| 16   | 3234-18     | 2    | Screw-HHF           |
| 17   | 104-8301    | 2    | Nut-HF, NI          |
| 18   | 107-7545    | 1    | Bracket ASM         |
| 19   | 110-1499    | 4    | Plate-Reinforcement |
| 20   | 103-2898    | 4    | Latch-Rubber        |
| 21   | 3296-42     | 4    | Nut-Lock, NI        |
| 22   | 3274-31     | 4    | Screw-HSBH          |



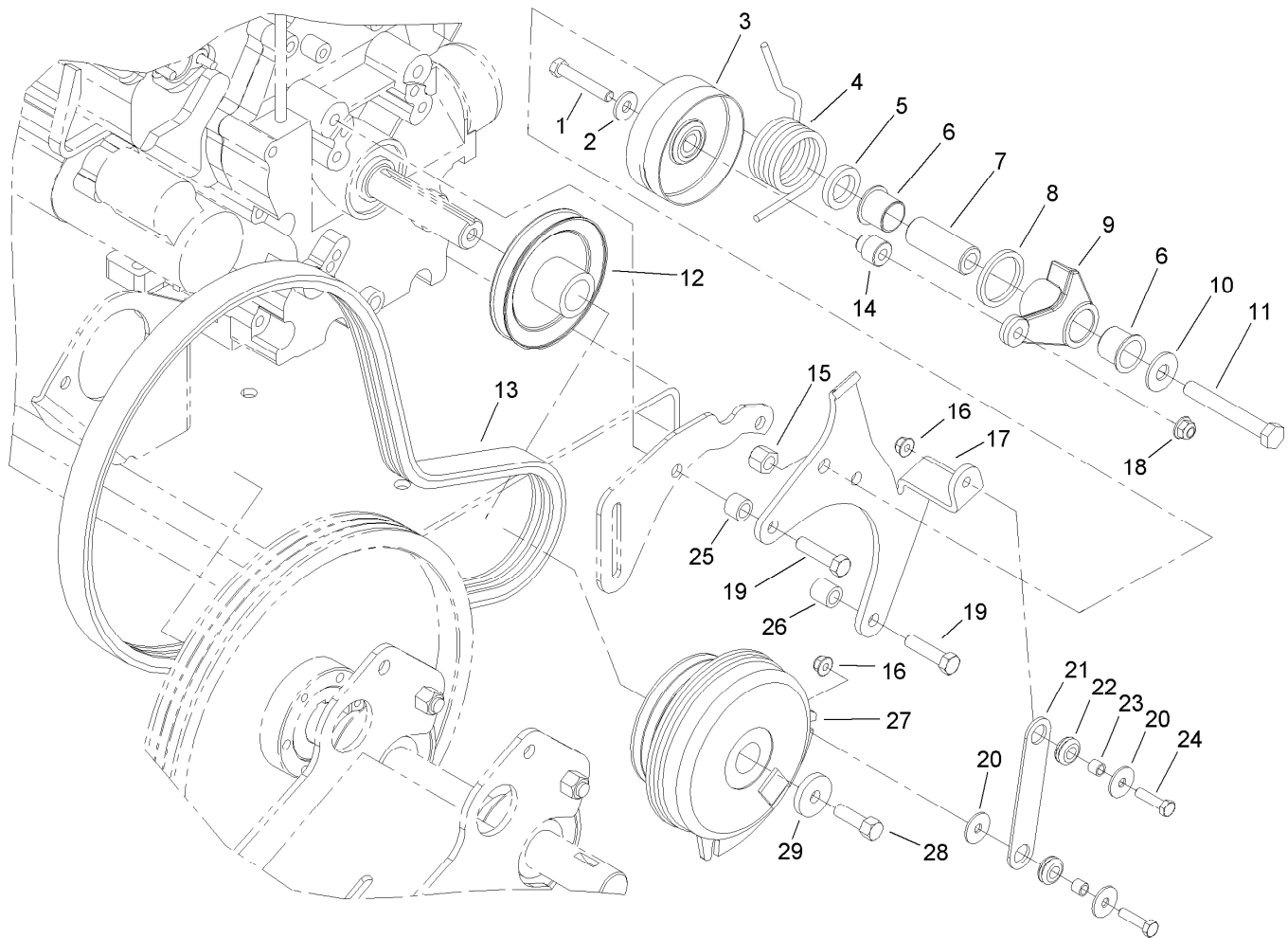
## Shield Assembly No. 107-7546

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    | 106-8903-01 | 1    | Shield-Muffler          |
| 2    | 106-8904-03 | 1    | Shield-Clutch           |
| 3    | 106-8848-01 | 1    | Tube-Shield, Muffler    |
| 4    | 106-8906-01 | 1    | Bracket-Shield, Muffler |
| 5    | 107-7547    | 1    | Plate-Warning           |
| 6    | 3269-32     | 2    | Rivet-Pop               |
| 7    | 93-8744     | 7    | Rivet-Blind             |
| 8    | 32144-4     | 10   | Screw-HWH               |



## Jackshaft Hood Assembly

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>   |
|-------------|--------------------|-------------|----------------------|
| 1           | 106-8901           | 1           | Hood-Front           |
| 2           | 100-2400           | 4           | Washer               |
| 3           | 321-10             | 4           | Screw-HH             |
| 5           | 3296-42            | 5           | Nut-Lock, NI         |
| 6           | 106-8846-03        | 1           | Frame-Hood           |
| 10          | 2411-41            | 1           | Rod End-Ball Joint   |
| 11          | 106-8924-03        | 1           | Hood Latch Lever ASM |
| 12          | 3256-22            | 2           | Washer-Flat          |
| 13          | 104-8310           | 2           | Ring-Retaining       |
| 14          | 106-8928           | 1           | Hook ASM             |
| 18          | 3272-1             | 2           | Pin-Cotter           |
| 19          | 69-9140            | 1           | Link-Lever, Valve    |
| 20          | 321-6              | 1           | Screw-HH             |

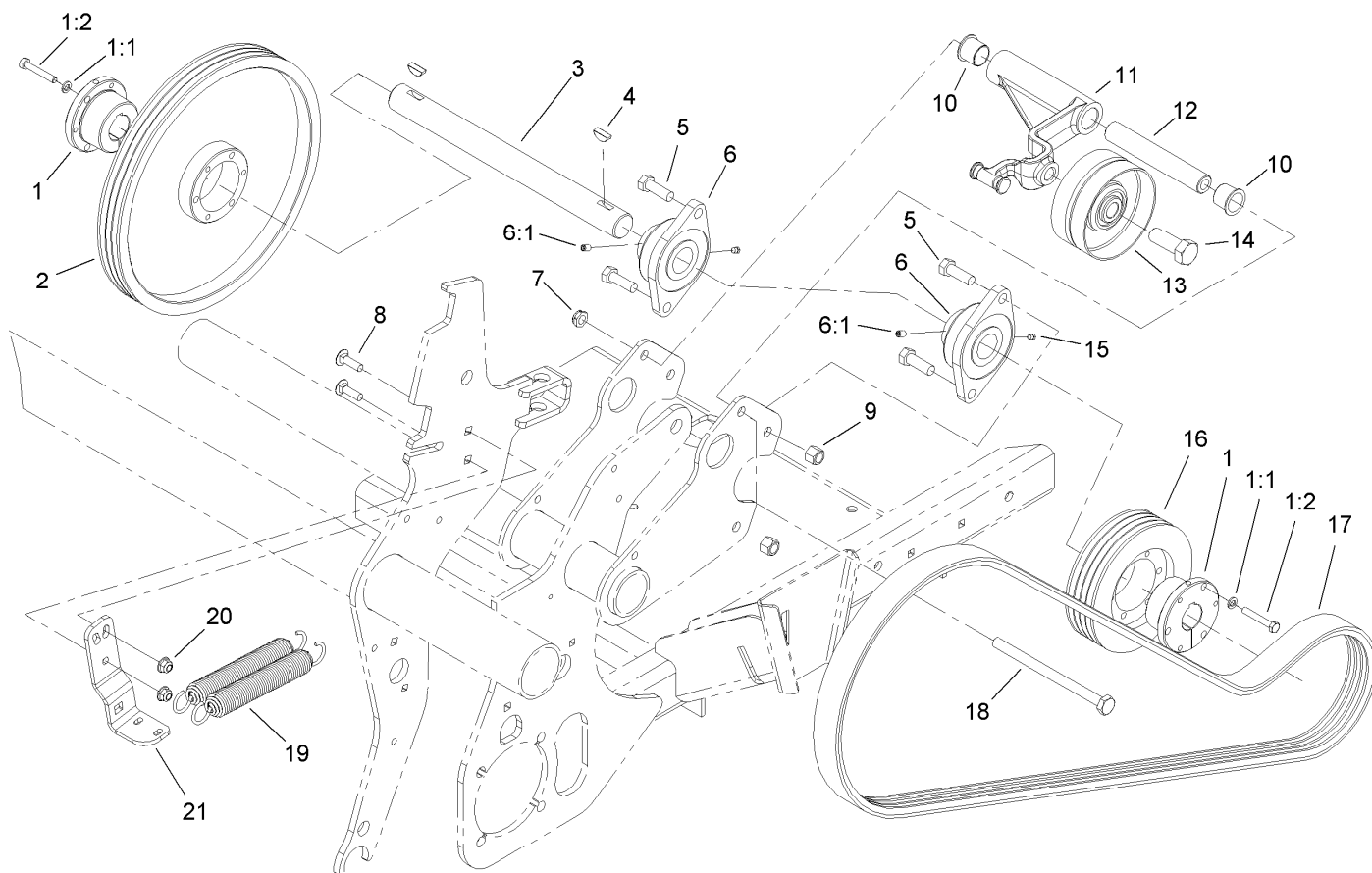


## Primary Belt Drive Assembly

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 1    | 323-11      | 1    | Screw-HH          |
| 2    | 80-6990     | 1    | Washer-Hardened   |
| 3    | 99-3621     | 1    | Pulley-Idler      |
| 4    | 100-4844    | 1    | Spring-Torsion    |
| 5    | 99-3625     | 1    | Spacer-Arm, Idler |
| 6    | 99-3631     | 2    | Bushing-Flange    |
| 7    | 105-0945    | 1    | Sleeve-Pivot      |
| 8    | 72-4170     | 1    | Washer            |
| 9    | 99-3623-03  | 1    | Arm-Idler         |
| 10   | 3256-6      | 1    | Washer-Flat       |
| 11   | 325-15      | 1    | Screw-HH          |
| 12   | 107-3379    | 1    | Pulley            |
| 13   | 105-0989    | 1    | Belt-3V           |
| 14   | 99-3622     | 1    | Spacer-Idler      |
| 15   | 3296-23     | 1    | Nut-Lock, NI      |

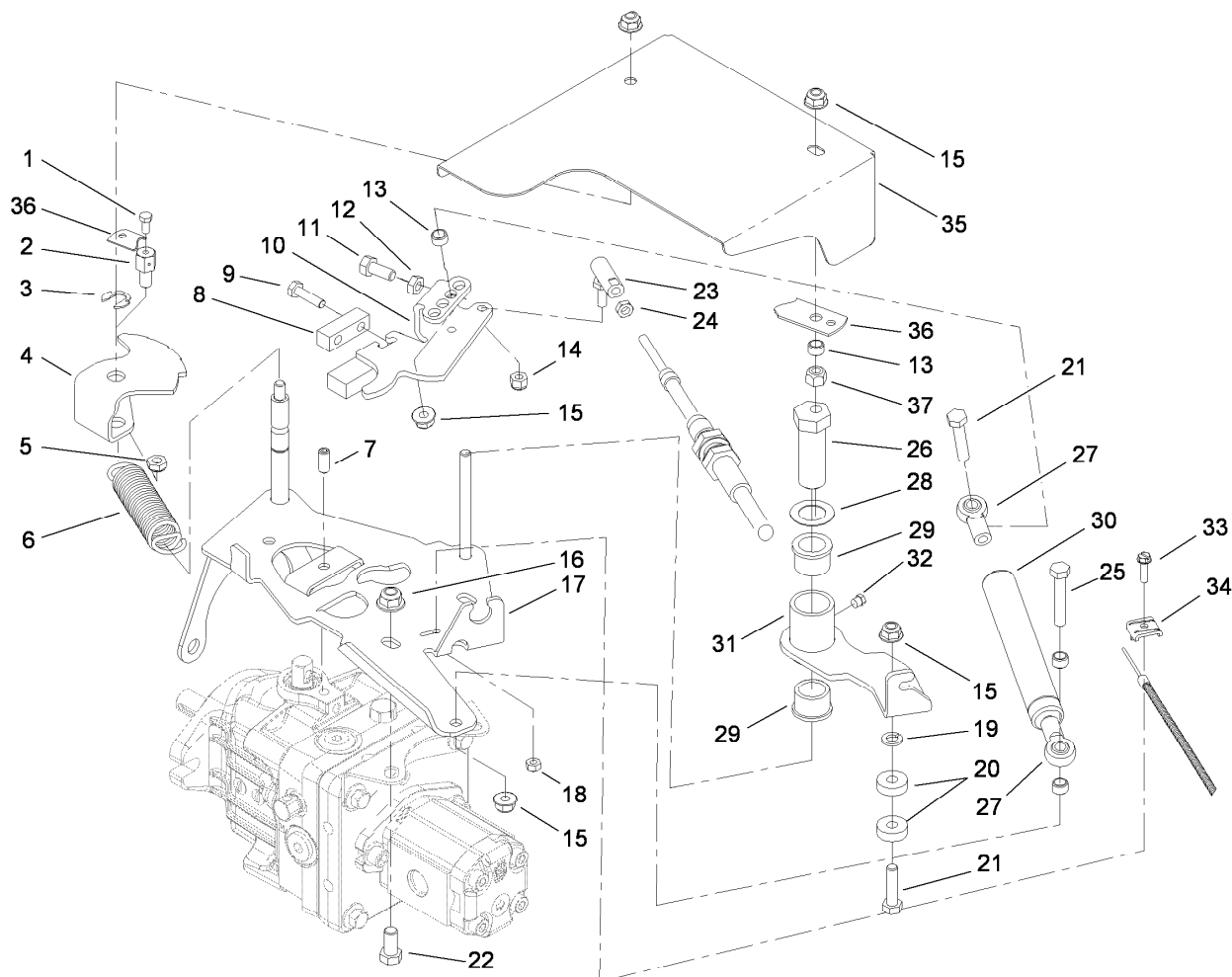
| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 16   | 104-8300    | 2    | Nut-HF, NI              |
| 17   | 105-0986-03 | 1    | Bracket-Mounting, Idler |
| 18   | 104-8301    | 1    | Nut-HF, NI              |
| 19   | 324-7       | 3    | Screw-HH                |
| 20   | 3256-82     | 3    | Washer-Flat             |
| 21   | 107-3382    | 1    | Strap-Clutch            |
| 22   | 1-633630    | 2    | Grommet                 |
| 23   | 1-633545    | 2    | Spacer                  |
| 24   | 322-6       | 2    | Screw-HH                |
| 25   | 68-5440     | 2    | Spacer                  |
| 26   | 105-0985    | 1    | Spacer-Support, Idler   |
| 27   | 108-2126    | 1    | Clutch-Electric         |
| 28   | 26-0671     | 1    | Screw-HH                |
| 29   | 1-543610    | 1    | Washer-Clutch           |

● Not illustrated



## Secondary Belt Drive Assembly

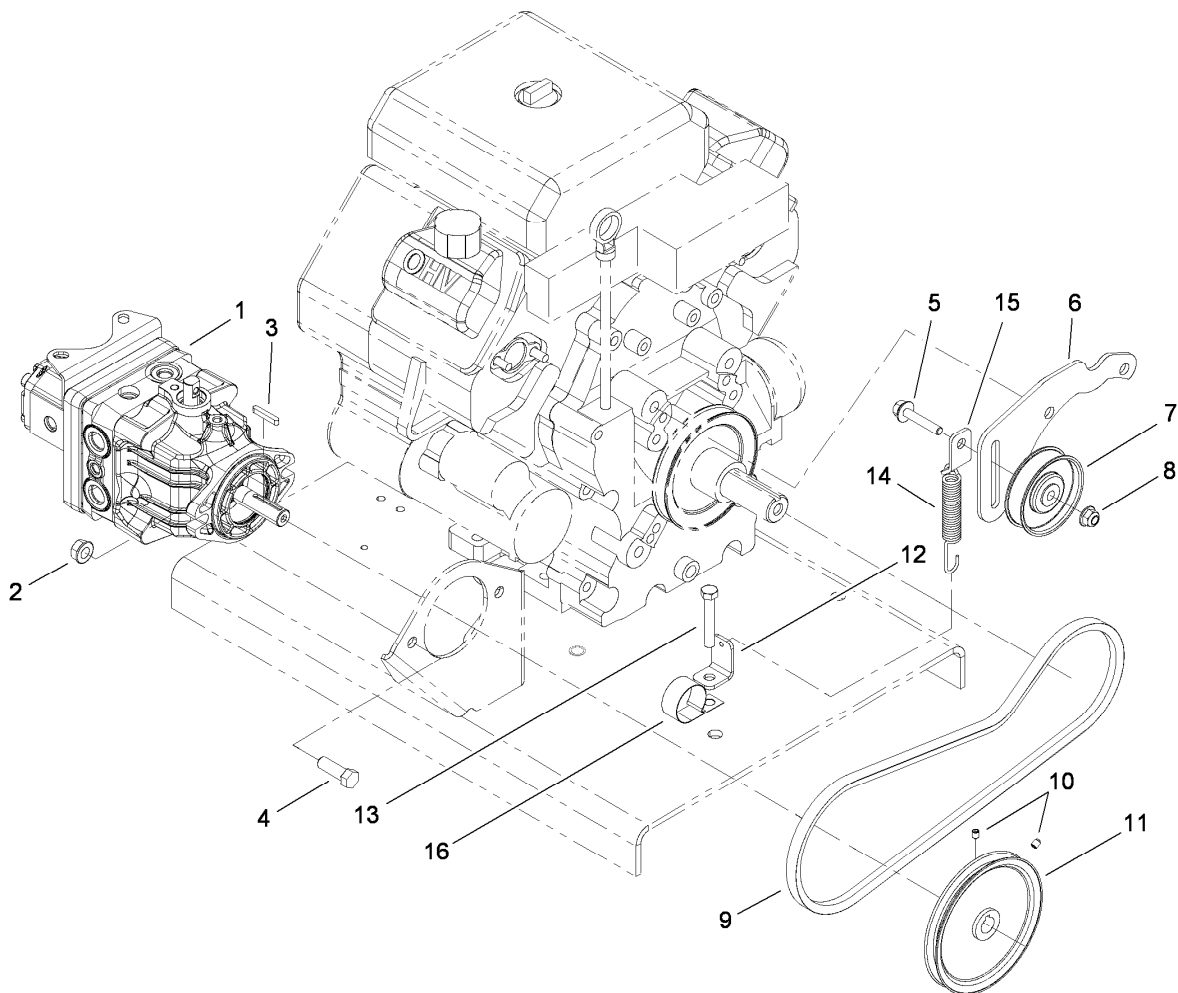
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 59-3790     | 2    | Bushing-Lock, Taper   |
| 1:1  | 3253-4      | 3    | Washer-Lock           |
| 1:2  | 322-10      | 3    | Screw-HH              |
| 2    | 105-0977    | 1    | Pulley-3V             |
| 3    | 105-0975    | 1    | Jackshaft             |
| 4    | 3257-42     | 2    | Key-Woodruff          |
| 5    | 325-7       | 4    | Screw-HH              |
| 6    | 105-0962    | 2    | Bearing-Mount, Flange |
| 6:1  | 3246-17     | 1    | Setscrew-HSH          |
| 7    | 3296-45     | 1    | Nut-Hex               |
| 8    | 3231-25     | 2    | Bolt-CARR             |
| 9    | 3296-23     | 4    | Nut-Lock, NI          |
| 10   | 99-3631     | 2    | Bushing-Flange        |
| 11   | 105-1132-03 | 1    | Arm-Idler             |
| 12   | 105-1172    | 1    | Tube-Pivot, Idler     |
| 13   | 100-7631    | 1    | Pulley-Idler          |
| 14   | 328-24      | 1    | Screw-HH              |
| 15   | 302-59      | 2    | Plug-Threaded         |
| 16   | 105-0976    | 1    | Pulley-3V             |
| 17   | 105-0991    | 1    | Belt-Banded, 4 Groove |
| 18   | 325-36      | 1    | Screw-HH              |
| 19   | 106-8933    | 2    | Spring-Extension      |
| 20   | 104-8301    | 2    | Nut-HF, NI            |
| 21   | 105-1118-03 | 1    | Arm-Spring, Idler     |



## Hydrostat Control Assembly

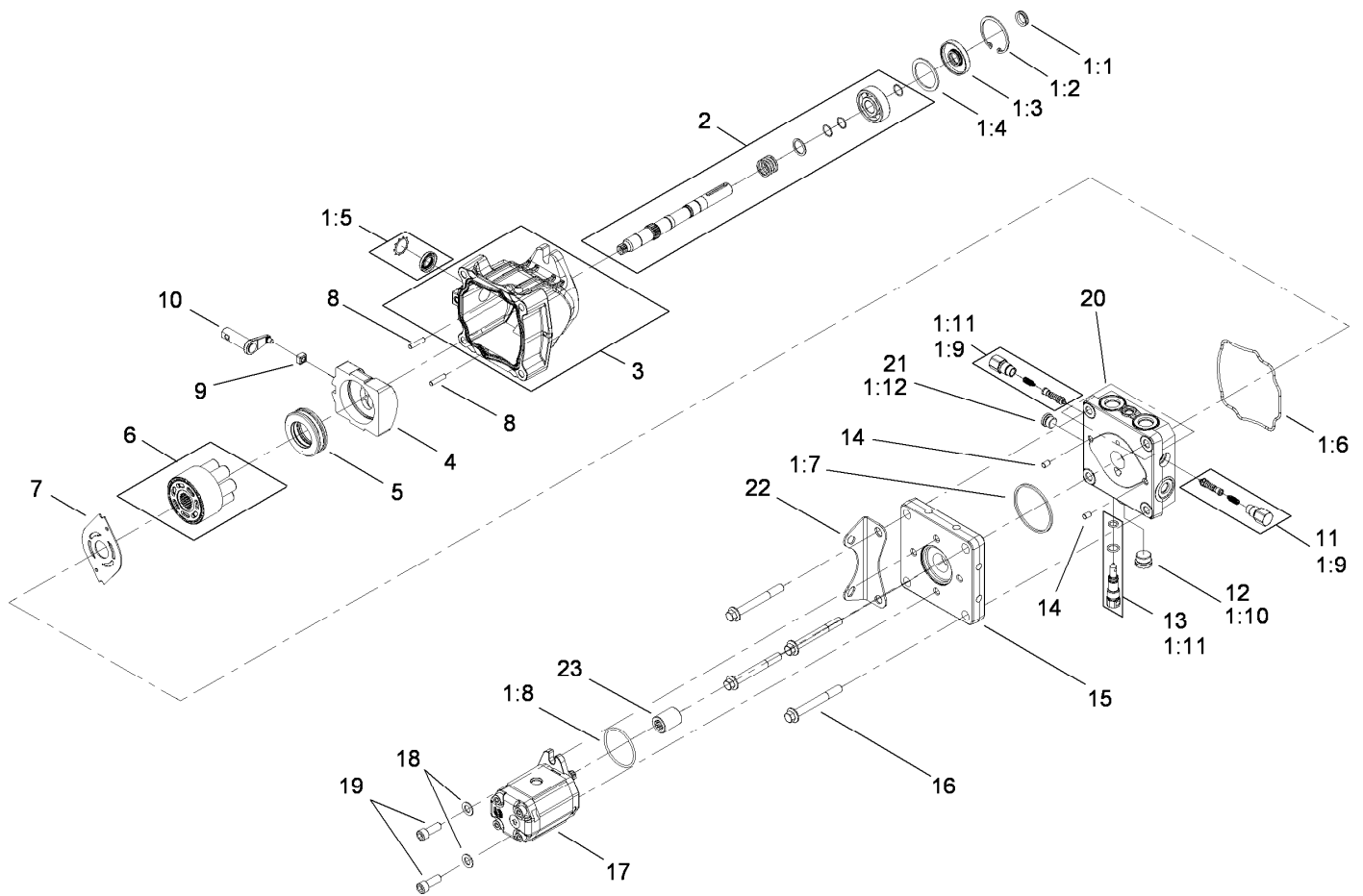
| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 25-8640     | 1    | Screw-HH               |
| 2    | 98-9311     | 1    | Swivel-Throttle        |
| 3    | 32151-68    | 1    | Ring-Retaining         |
| 4    | 105-1129-01 | 1    | Pivot-Selector, Speed  |
| 5    | 3296-20     | 1    | Nut-Lock, NI           |
| 6    | 707451      | 1    | Spring-Extension       |
| 7    | 115-2819    | 1    | Screw-Set, HSH         |
| 8    | 105-1109    | 1    | Clamp-Trunnion         |
| 9    | 321-6       | 2    | Screw-HH               |
| 10   | 105-1125-01 | 1    | Lever-Pump             |
| 11   | 3210-3      | 1    | Screw-HH               |
| 12   | 3220-2      | 1    | Nut-Jam                |
| 13   | 92-3133     | 4    | Spacer-Lever, Traction |
| 14   | 3296-3      | 1    | Nut-Lock               |
| 15   | 104-8300    | 5    | Nut-HF, NI             |
| 16   | 104-8301    | 2    | Nut-HF, NI             |
| 17   | 115-2809-01 | 1    | Bracket-Control        |
| 18   | 3296-2      | 1    | Nut-Lock, NI           |
| 19   | 3253-4      | 1    | Washer-Lock            |

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 20   | 251-259     | 2    | Bearing-Ball       |
| 21   | 322-7       | 2    | Screw-HH           |
| 22   | 323-4       | 2    | Screw-HH           |
| 23   | 2411-34     | 1    | Joint-Ball         |
| 24   | 3220-1      | 1    | Nut-Jam            |
| 25   | 322-9       | 1    | Screw-HH           |
| 26   | 76-8640     | 1    | Stud-Traction      |
| 27   | 104-8331    | 2    | End-Rod, Spherical |
| 28   | 3-6498      | 1    | Washer-Thrust      |
| 29   | 256-113     | 2    | Bushing-Flange     |
| 30   | 105-3249    | 1    | Damper             |
| 31   | 105-1060-01 | 1    | Lever-Neutral      |
| 32   | 302-59      | 1    | Plug-Threaded      |
| 33   | 32105-13    | 1    | Screw-HWH          |
| 34   | 81-1690     | 1    | Clamp-Cable        |
| 35   | 107-7578-01 | 1    | Shield-Hydrostat   |
| 36   | 108-6836    | 1    | Strap-Traction     |
| 37   | 3296-29     | 1    | Nut-Lock, NI       |



## Hydrostat Pump Assembly

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 108-6800    | 1    | Hydrostat And Pump ASM |
| 2    | 32128-37    | 2    | Nut-HF                 |
| 3    | 103-2739    | 1    | Key                    |
| 4    | 324-6       | 2    | Screw-HH               |
| 5    | 3234-19     | 1    | Screw-HHF              |
| 6    | 105-1085-03 | 1    | Support-Idler          |
| 7    | 112426      | 1    | Pulley-Idler           |
| 8    | 104-8301    | 1    | Nut-HF, NI             |
| 9    | 107-7513    | 1    | V-Belt                 |
| 10   | 3245-7      | 2    | Screw-Set              |
| 11   | 105-0988    | 1    | Pulley-Drive           |
| 12   | 107-7583    | 1    | Bracket-L              |
| 13   | 104-3396    | 1    | Screw-HH               |
| 14   | 106-4502    | 1    | Spring-Scraper         |
| 15   | 107-7588    | 1    | Bracket-Spring         |
| 16   | 2412-150    | 1    | Clip-J                 |



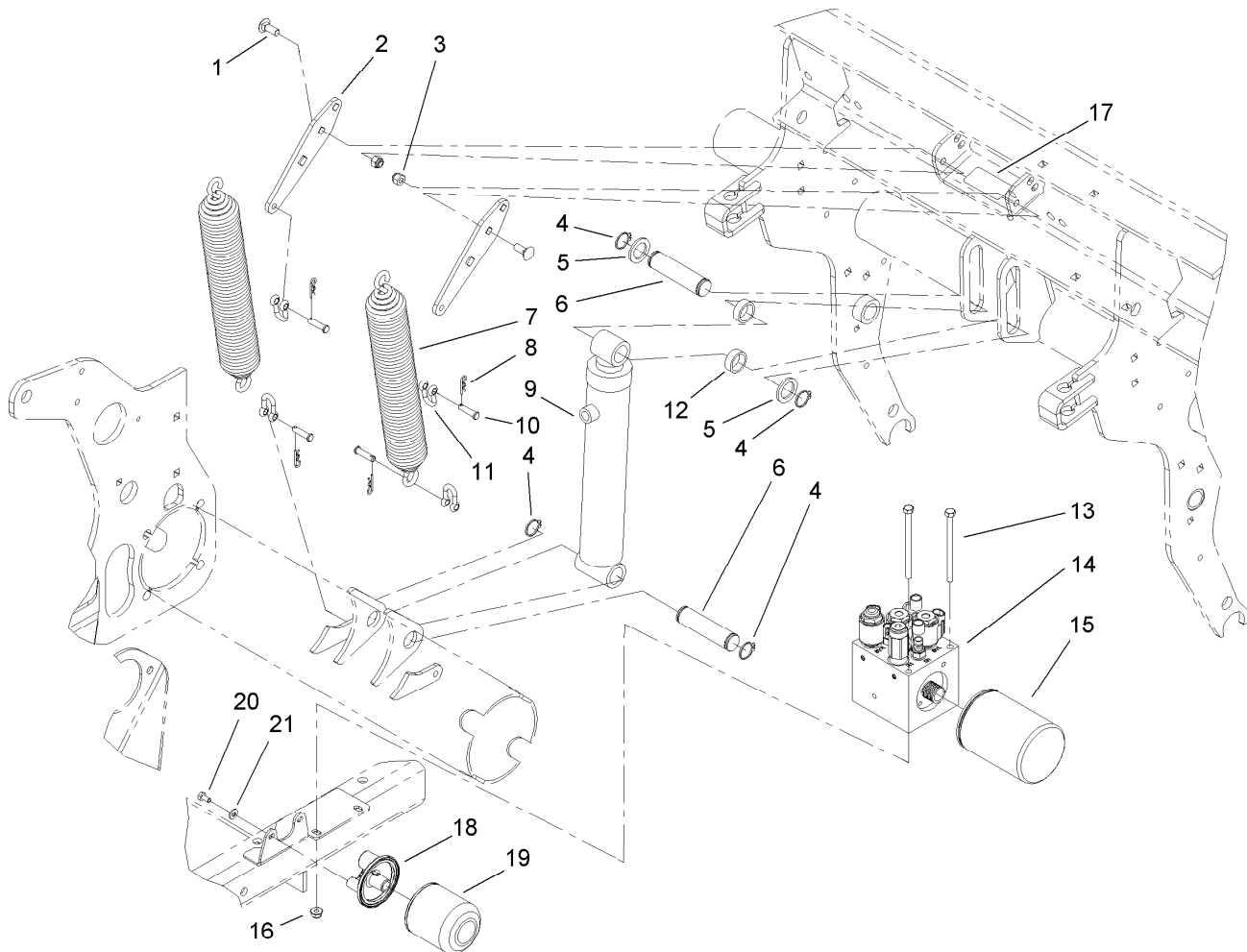
## Hydrostat Pump Assembly No. 108-6800

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 108-2110    | 1    | Overhaul Seal Kit ■●  |
| 1:1  |             | 1    | V-Ring ■              |
| 1:2  |             | 1    | Ring-Retaining ■      |
| 1:3  |             | 1    | Seal-Shaft ■          |
| 1:4  |             | 1    | Spacer ■              |
| 1:5  |             | 1    | Seal-Trunnion ■       |
| 1:6  |             | 1    | Gasket-Housing ■      |
| 1:7  |             | 1    | O-Ring, Sq Section ■  |
| 1:8  |             | 1    | O-Ring, Pump ■        |
| 1:9  |             | 2    | O-Ring, Shock Valve ■ |
| 1:10 |             | 1    | O-Ring, Plug ■        |
| 1:11 |             | 1    | O-Ring, Bypass ■      |
| 1:12 |             | 1    | O-Ring, Plug ■        |
| 2    |             | 1    | Pump Shaft Kit ■      |
| 3    |             | 1    | Housing ■             |
| 4    |             | 1    | Swashplate-Variable ■ |
| 5    |             | 1    | Thrust Bearing ASM ■  |
| 6    | 108-2112    | 1    | Cylinder Block Kit    |

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 7    | 108-6801    | 1    | Plate-Valve              |
| 8    |             | 2    | Pin ■                    |
| 9    |             | 1    | Slot-Guide ■             |
| 10   |             | 1    | Arm-Trunnion ■           |
| 11   | 108-2109    | 2    | Shock Valve Kit          |
| 12   |             | 1    | Plug ■                   |
| 13   | 106-8759    | 1    | Bypass Valve Kit         |
| 14   |             | 2    | Pin ■                    |
| 15   |             | 1    | Plate-Adapter ■          |
| 16   |             | 4    | Screw-Hex, Flange Head ■ |
| 17   | 108-2113    | 1    | Pump-HYD                 |
| 17:1 | 106-6362    | 1    | Seal Kit ●               |
| 18   |             | 2    | Washer ■                 |
| 19   |             | 2    | Capscrew-SHH ■           |
| 20   |             | 1    | Endcap Kit ■             |
| 21   |             | 1    | Plug ■                   |
| 22   |             | 1    | Bracket-Mount ■          |
| 23   | 108-6843    | 1    | Coupling                 |

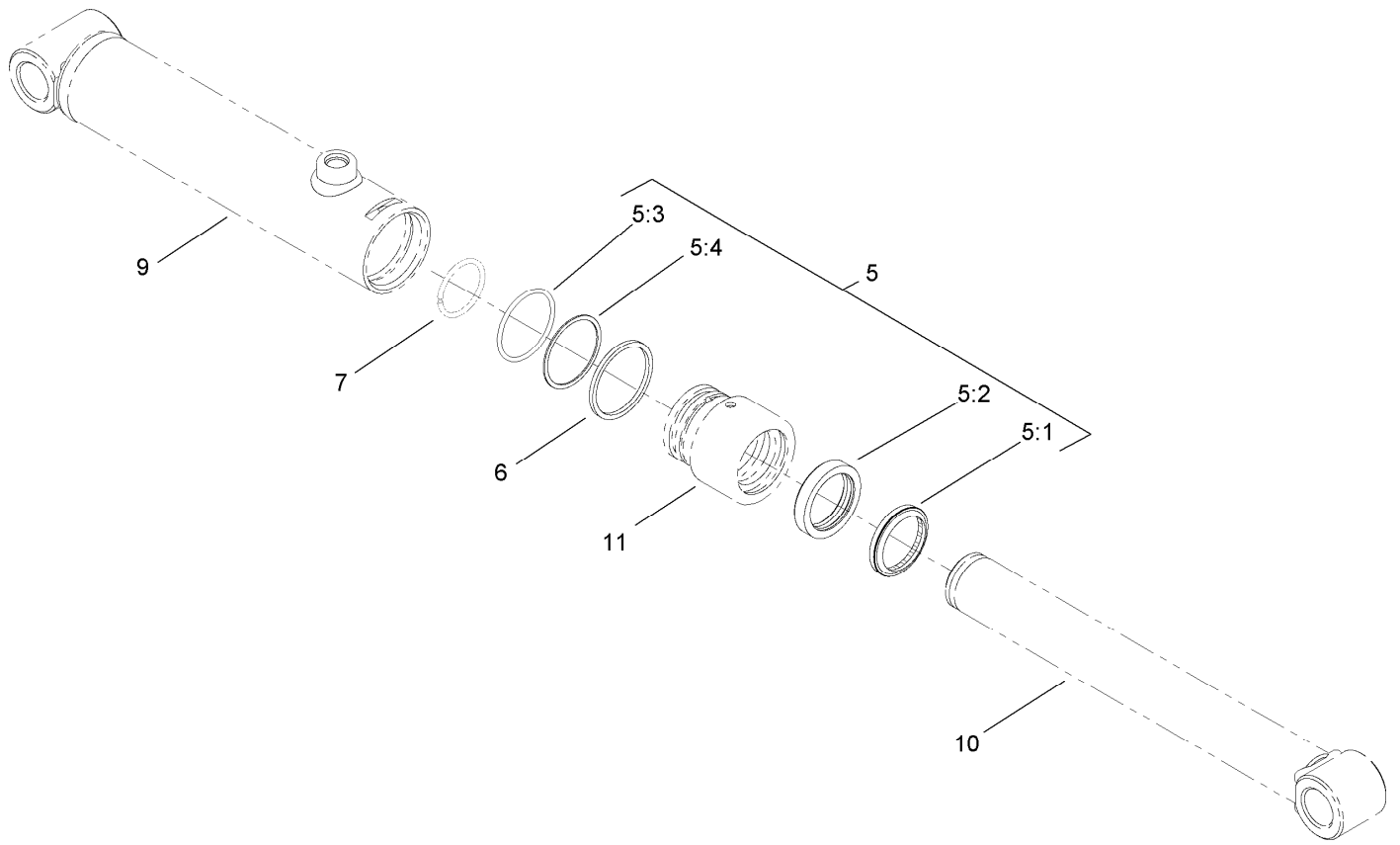
● Not illustrated

■ Not serviced separately



## Lift System Assembly

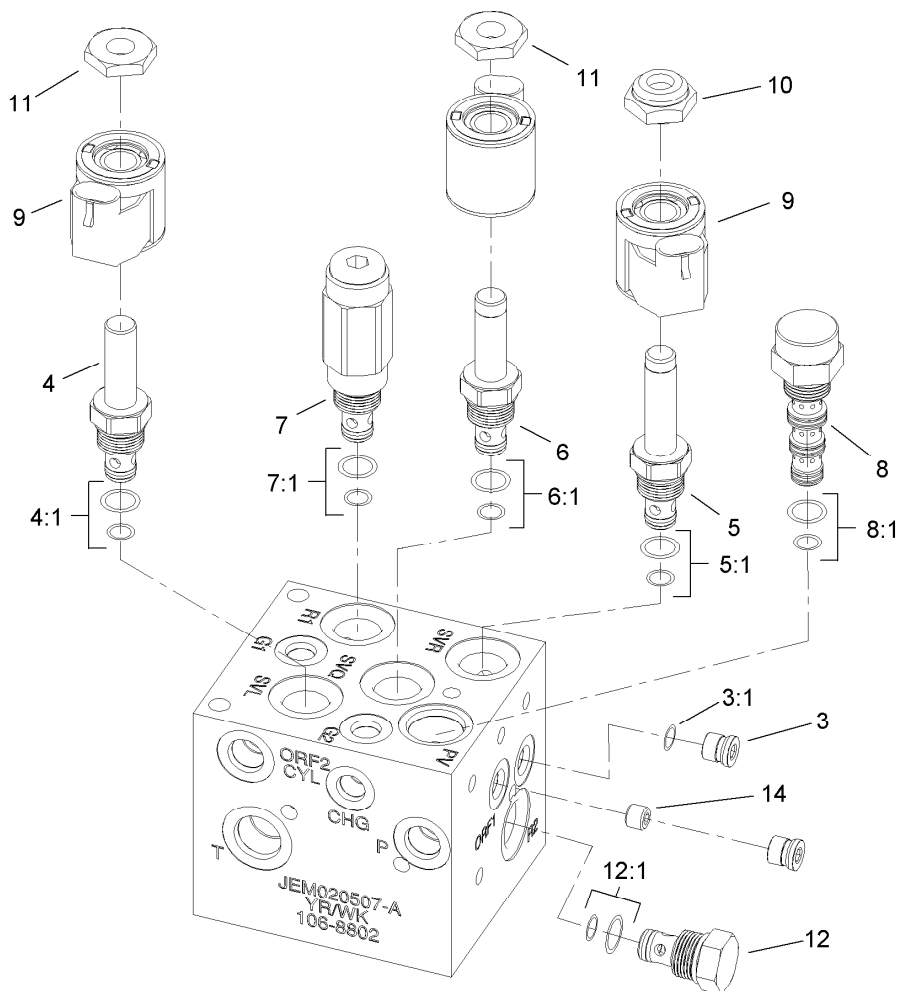
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 3231-2      | 4    | Bolt-CARR             |
| 2    | 105-1190-01 | 2    | Plate-Tension, Spring |
| 3    | 104-8301    | 4    | Nut-HF, NI            |
| 4    | 32151-36    | 4    | Ring-Retaining        |
| 5    | 256-115     | 2    | Washer-Thrust         |
| 6    | 105-1031    | 2    | Pin-Cylinder          |
| 7    | 105-1156-03 | 2    | Spring-Extention      |
| 8    | 3290-307    | 4    | Pin-Cotter            |
| 9    | 105-1030    | 1    | HYD Cylinder ASM      |
| 10   | 283-6       | 4    | Pin-Clevis            |
| 11   | 282-4       | 4    | Shackle               |
| 12   | 88-7530     | 2    | Spacer                |
| 13   | 322-38      | 2    | Screw-HH              |
| 14   | 106-8802    | 1    | Manifold-Control      |
| 15   | 107-9531    | 1    | Filter-Oil, HYD       |
| 16   | 104-8300    | 2    | Nut-HF, NI            |
| 17   | 93-6696     | 1    | Decal-Warning         |
| 18   | 103-2888    | 1    | Head-Filter           |
| 19   | 1-633750    | 1    | Filter-Oil, HYD       |
| 20   | 321-2       | 2    | Screw-HH              |
| 21   | 3256-22     | 2    | Washer-Flat           |



## Hydraulic Cylinder Assembly No. 105-1030

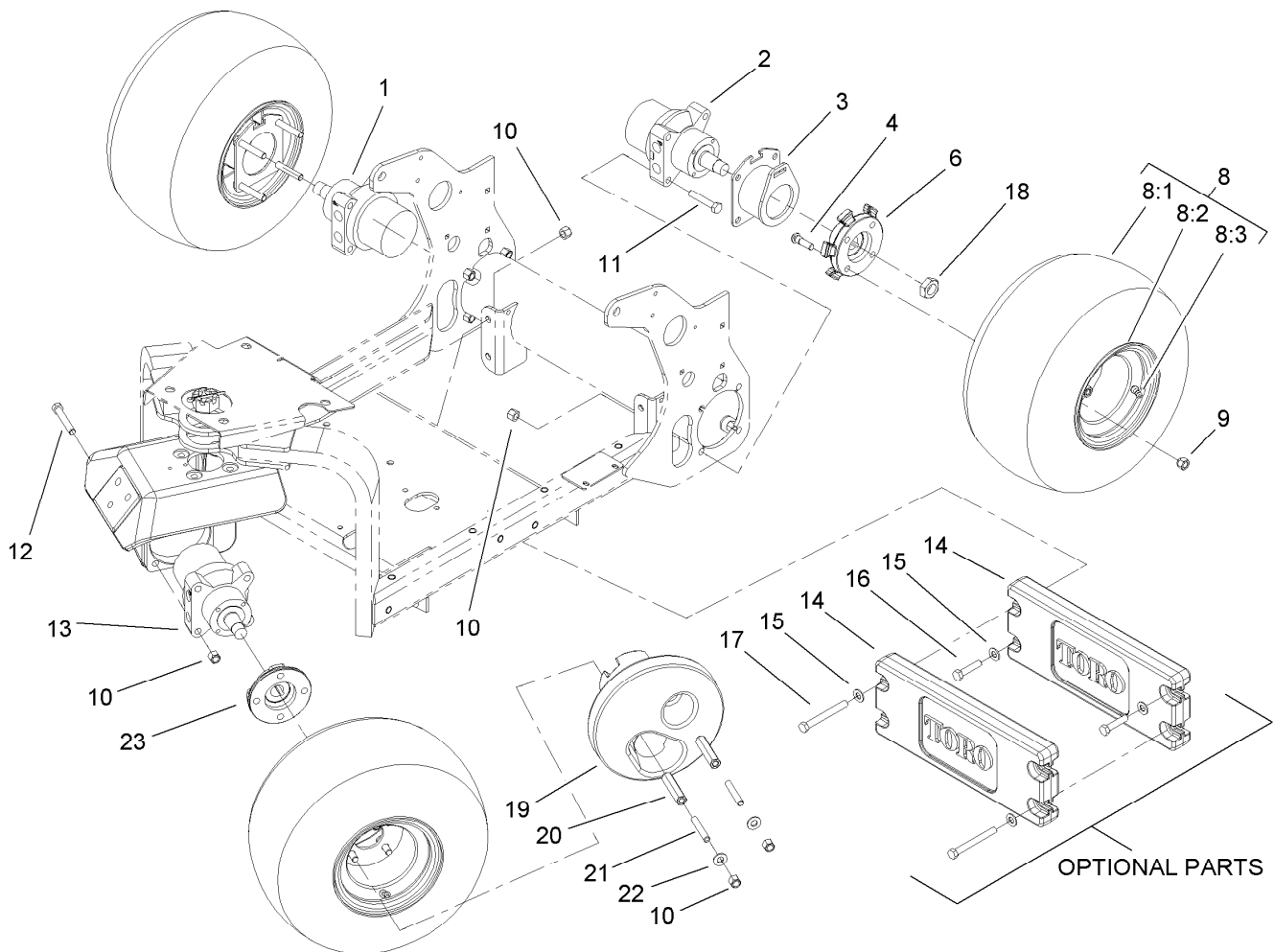
| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 5    | 108-6795    | 1    | Cylinder Seal Kit |
| 5:1  |             | 1    | Wiper ●           |
| 5:2  |             | 1    | Seal ●            |
| 5:3  |             | 1    | O-Ring ●          |
| 5:4  |             | 1    | Back-Up ●         |
| 6    | 108-6797    | 1    | Ring-Retainging   |
| 7    |             | 1    | Ring-Retainging ● |
| 9    |             | 1    | Tube ASM ●        |
| 10   |             | 1    | Rod ASM ●         |
| 11   |             | 1    | Head ●            |

● Not serviced separately



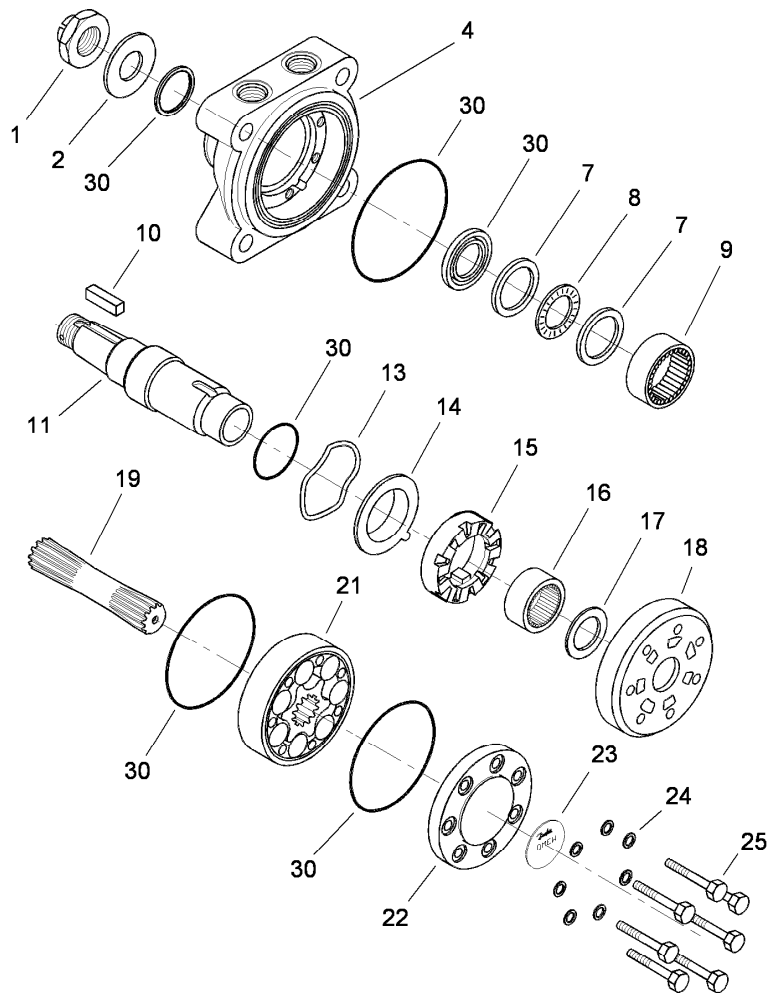
## Control Manifold Assembly No. 106-8802

| Ref. | Part Number | Qty. | Description                     |
|------|-------------|------|---------------------------------|
| 3    | 106-1025    | 2    | Plug-HYD                        |
| 3:1  | 237-78      | 1    | O-Ring                          |
| 4    | 112-9206    | 1    | Solenoid Valve ASM              |
| 4:1  | 105-9156    | 1    | Seal Kit                        |
| 5    | 107-7517    | 1    | Valve-Solenoid                  |
| 5:1  | 105-9156    | 1    | Seal Kit                        |
| 6    | 107-7518    | 1    | Valve-Solenoid                  |
| 6:1  | 107-7527    | 1    | Seal Kit                        |
| 7    | 107-7519    | 1    | Valve-Relief, 900 PSI           |
| 7:1  | 105-9156    | 1    | Seal Kit                        |
| 8    | 107-7520    | 1    | Compensator-Pressure (W/Screen) |
| 8:1  | 107-7528    | 1    | Seal Kit                        |
| 9    | 107-7521    | 3    | Coil-E, 12V                     |
| 10   | 107-7522    | 1    | Nut-E Coil                      |
| 11   | 105-9332    | 2    | Nut-E Coil                      |
| 12   | 107-7524    | 1    | Check Valve ASM                 |
| 12:1 | 105-9156    | 1    | Seal Kit                        |
| 14   | 107-7525    | 1    | Plug-Orifice (.050 Inch)        |



## Wheel and Motor Assembly

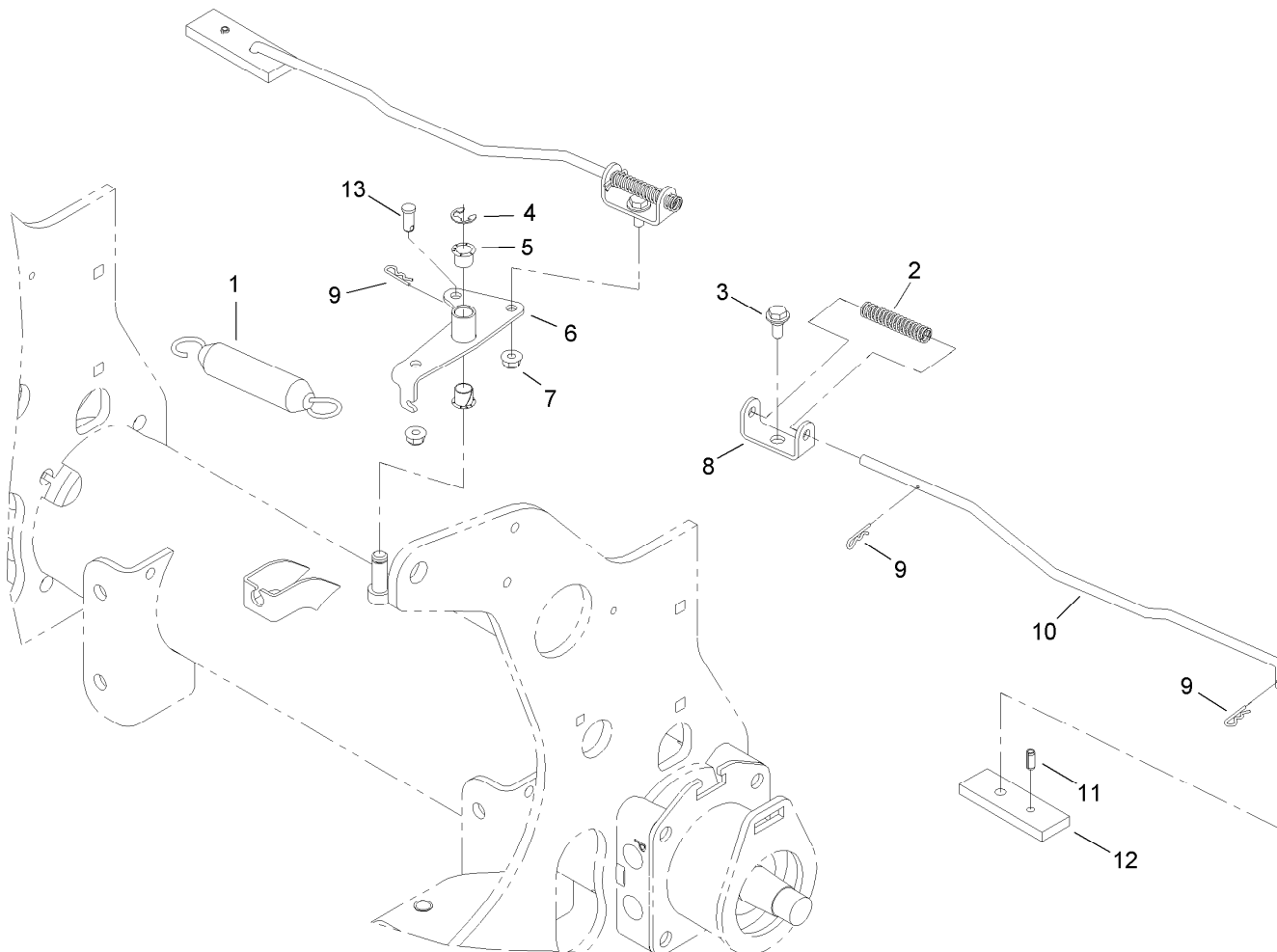
| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 106-8807    | 1    | HYD Motor ASM          |
| 2    | 106-8806    | 1    | HYD Motor ASM          |
| 3    | 106-8881-03 | 2    | Support-Latch, Parking |
| 4    | 85-6540     | 12   | Stud-Drive             |
| 6    | 108-2101-03 | 2    | Hub-Wheel, Spoked      |
| 8    | 114-4665    | 3    | Tire ASM               |
| 8:1  | 70-8500     | 1    | Tire-Smooth, 2-Ply     |
| 8:2  | 114-4643    | 1    | Wheel                  |
| 8:3  | 232-27      | 1    | Stem-Valve             |
| 9    | 242-50      | 10   | Nut-Lug                |
| 10   | 3296-23     | 18   | Nut-Lock, NI           |
| 11   | 325-11      | 8    | Screw-HH               |
| 12   | 325-13      | 4    | Screw-HH               |
| 13   | 106-8808    | 1    | HYD Motor ASM          |
| 14   | 99-6166-01  | 2    | Counterweight-Front    |
| 15   | 3256-26     | 4    | Washer-Flat            |
| 16   | 325-9       | 2    | Screw-HH               |
| 17   | 325-18      | 2    | Screw-HH               |
| 18   | 26-3790     | 3    | Nut-Lock               |
| 19   | 107-3396-03 | 1    | Weight-Wheel           |
| 20   | 107-3399    | 2    | Adapter-Weight, Wheel  |
| 21   | 105-1088    | 2    | Stud                   |
| 22   | 87-7270     | 2    | Washer-Thrust          |
| 23   | 108-2103-03 | 1    | Hub-Wheel              |



## Hydraulic Motor Assembly No. 106-8806, 106-8807 and 106-8808

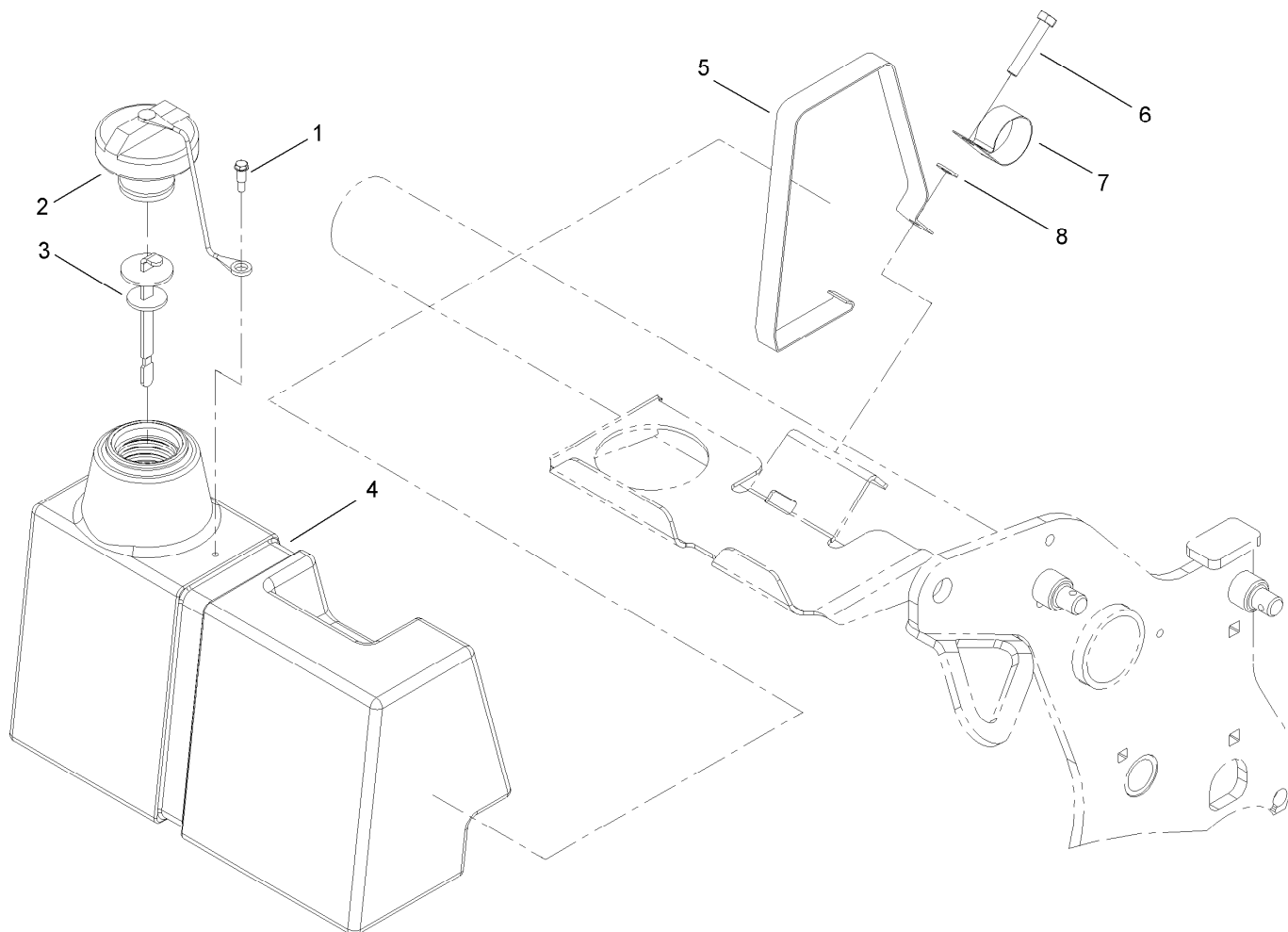
| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 1    |             | 1    | Nut-Castellated ●        |
| 2    |             | 1    | Washer ●                 |
| 4    |             | 1    | Housing ●                |
| 7    |             | 2    | Race-Bearing ●           |
| 8    |             | 1    | Bearing-Needle, Axial ●  |
| 9    |             | 1    | Bearing-Needle, Radial ● |
| 10   |             | 1    | Key-Parallel ●           |
| 11   |             | 1    | Shaft-Tapered ●          |
| 13   |             | 1    | Washer-Spring ●          |
| 14   |             | 1    | Plate-Balance ●          |
| 15   |             | 1    | Disc-Valve ●             |
| 16   |             | 1    | Bearing-Needle, Radial ● |
| 17   |             | 1    | Race-Bearing ●           |
| 18   |             | 1    | Plate-Distributor ●      |
| 19   |             | 1    | Shaft-Cardan ●           |
| 21   |             | 1    | Gearwheel Set ●          |
| 22   |             | 1    | Cover-End ●              |
| 23   |             | 1    | Plate-Name ●             |
| 24   |             | 7    | Washer ●                 |
| 25   |             | 7    | Screw ●                  |
| 30   | 108-6796    | 1    | Seal Kit                 |

● Not serviced separately



## Brake Latch Assembly

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 1    | 66-4270     | 1    | Spring-Extension         |
| 2    | 107-3376    | 2    | Spring-Compression       |
| 3    | 19-1470     | 2    | Screw-Shoulder           |
| 4    | 32120-47    | 2    | Ring-Retaining, External |
| 5    | 256-257     | 2    | Bushing-Nyliner          |
| 6    | 106-8887-03 | 1    | Pivot-Latch, Parking     |
| 7    | 104-8300    | 2    | Nut-HF, NI               |
| 8    | 106-8890-03 | 2    | Clevis-Latch, Parking    |
| 9    | 3290-307    | 5    | Pin-Cotter               |
| 10   | 106-8886    | 2    | Link-Latch, Parking      |
| 11   | 32121-134   | 2    | Pin-Roll                 |
| 12   | 106-8885-03 | 2    | Bar-Latch, Parking       |
| 13   | 283-62      | 1    | Pin-Clevis               |

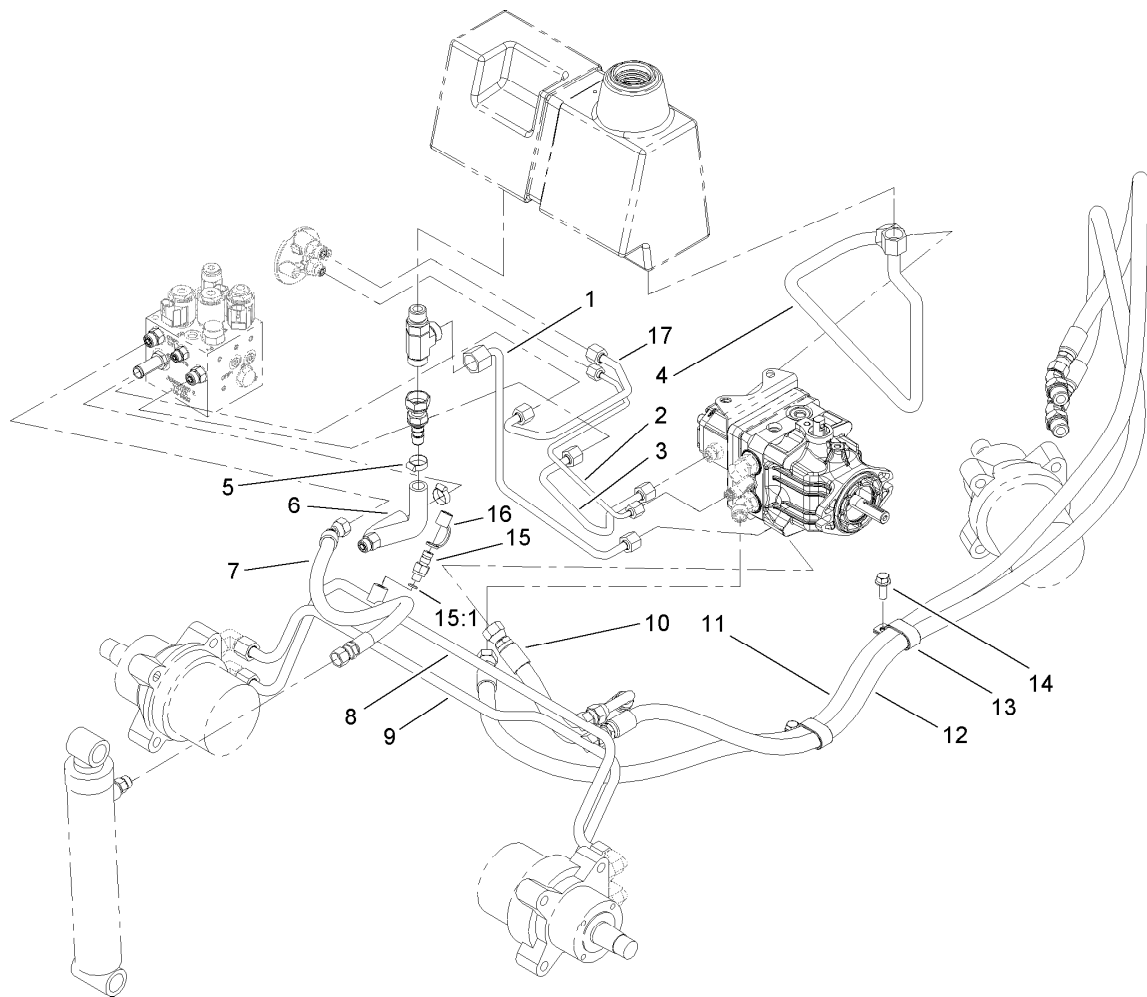


## Hydraulic Tank Assembly

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 57-5420            | 1           | Screw-Shoulder     |
| 2           | 93-7160            | 1           | Cap-Oil, HYD       |
| 3           | 106-8811           | 1           | Dipstick ASM       |
| 4           | 106-8877           | 1           | Reservoir-Oil, HYD |
| 5           | 94-4642-03         | 1           | Strap-Tank, HYD    |
| 6           | 322-41             | 1           | Screw-HH           |
| 7           | 2412-150           | 1           | Clip-J             |
| 8           | 3256-23            | 1           | Washer-Plain       |



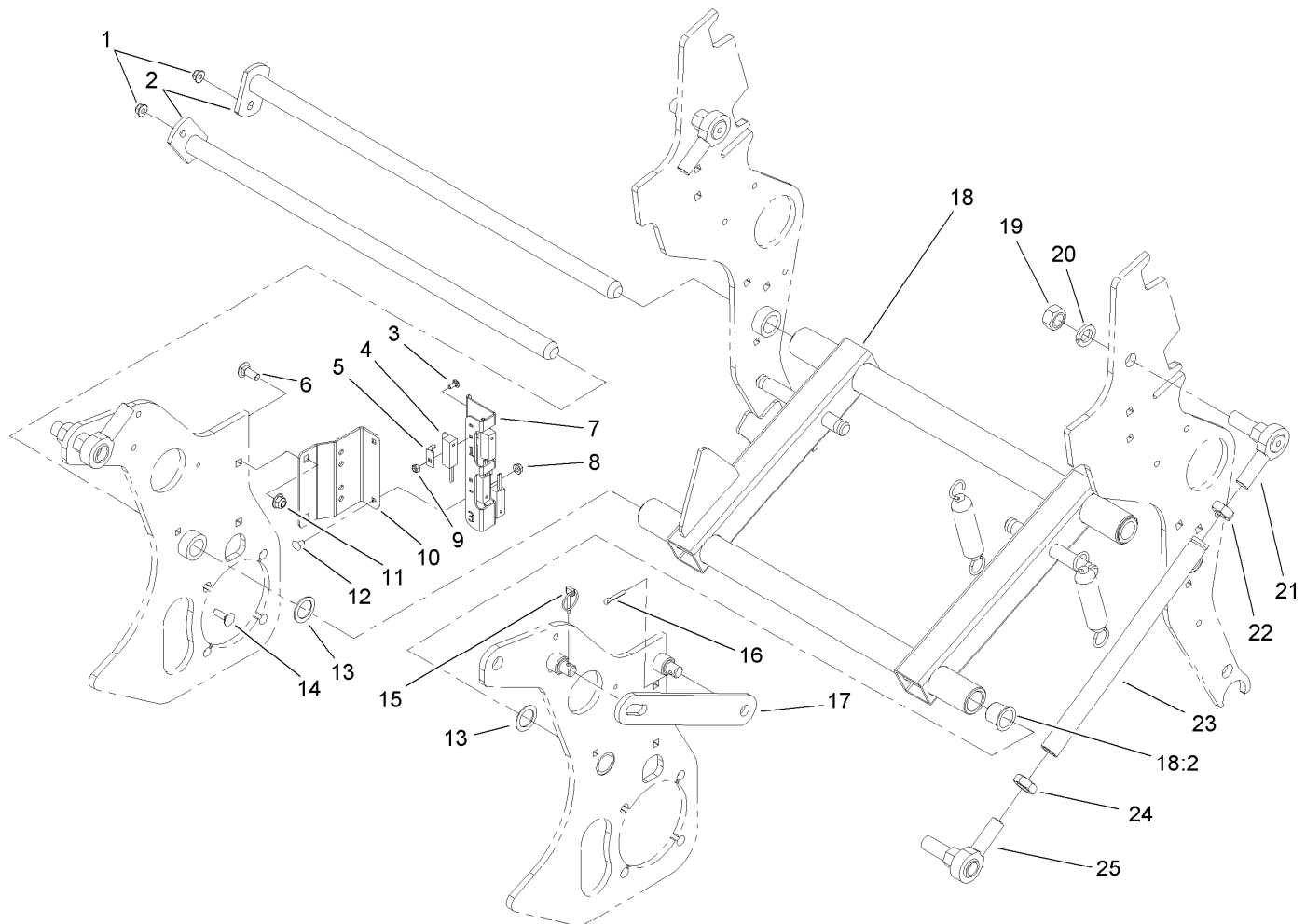
| <b>Ref.</b> | <b>Part Number</b> | <b>Qty.</b> | <b>Description</b>    |
|-------------|--------------------|-------------|-----------------------|
| 9:1         | 237-30             | 1           | O-Ring                |
| 9:2         | 237-79             | 1           | O-Ring                |
| 10          | 340-77             | 1           | Fitting-Elbow, 90 DEG |
| 10:1        | 237-22             | 1           | O-Ring                |
| 10:2        | 237-42             | 1           | O-Ring                |
| 11          | 340-105            | 4           | Fitting-Elbow, 90 DEG |
| 11:1        | 237-80             | 1           | O-Ring                |
| 11:2        | 237-30             | 1           | O-Ring                |
| 12          | 340-153            | 1           | Fitting-Elbow, 90 DEG |
| 12:1        | 237-79             | 1           | O-Ring                |
| 12:2        | 237-151            | 1           | O-Ring                |
| 13          | 340-89             | 2           | Fitting-HYD, 45 DEG   |
| 13:1        | 237-30             | 1           | O-Ring                |
| 13:2        | 237-80             | 1           | O-Ring                |
| 14          | 107-7568           | 1           | Fitting-HYD, Barbed   |
| 15          | 94-1403            | 1           | Adapter-HYD           |
| 15:1        | 237-78             | 1           | O-Ring                |
| 15:2        | 237-21             | 1           | O-Ring                |
| 16          | 340-1              | 1           | Fitting-Straight      |
| 16:1        | 237-21             | 1           | O-Ring                |
| 16:2        | 237-42             | 1           | O-Ring                |



## Hydraulic Line and Hose Assembly

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 1    | 107-3388    | 1    | Tube ASM          |
| 2    | 108-6812    | 1    | Tube ASM          |
| 3    | 112-6539    | 1    | Tube-HYD          |
| 4    | 107-3387    | 1    | Tube ASM          |
| 5    | 2412-141    | 2    | Clamp-Drive, Worm |
| 6    | 107-7565    | 1    | Hose-Formed       |
| 7    | 105-3919    | 1    | Hose-HYD          |
| 8    | 106-8819    | 1    | Tube ASM          |
| 8:1  | 237-30      | 1    | O-Ring ●          |
| 9    | 106-8818    | 1    | Tube ASM          |
| 9:1  | 237-30      | 1    | O-Ring            |
| 10   | 84-0890     | 1    | Hose ASM ●        |
| 11   | 106-8822    | 1    | Hose ASM          |
| 12   | 106-8821    | 1    | Hose ASM          |
| 13   | 106-8829    | 2    | R Clamp-Double    |
| 14   | 3234-11     | 2    | Screw-HHF         |
| 15   | 354-77      | 1    | Fitting-Quick     |
| 15:1 | 237-78      | 1    | O-Ring            |
| 16   | 354-79      | 1    | Cap-Dust          |
| 17   | 108-6811    | 1    | Tube ASM          |

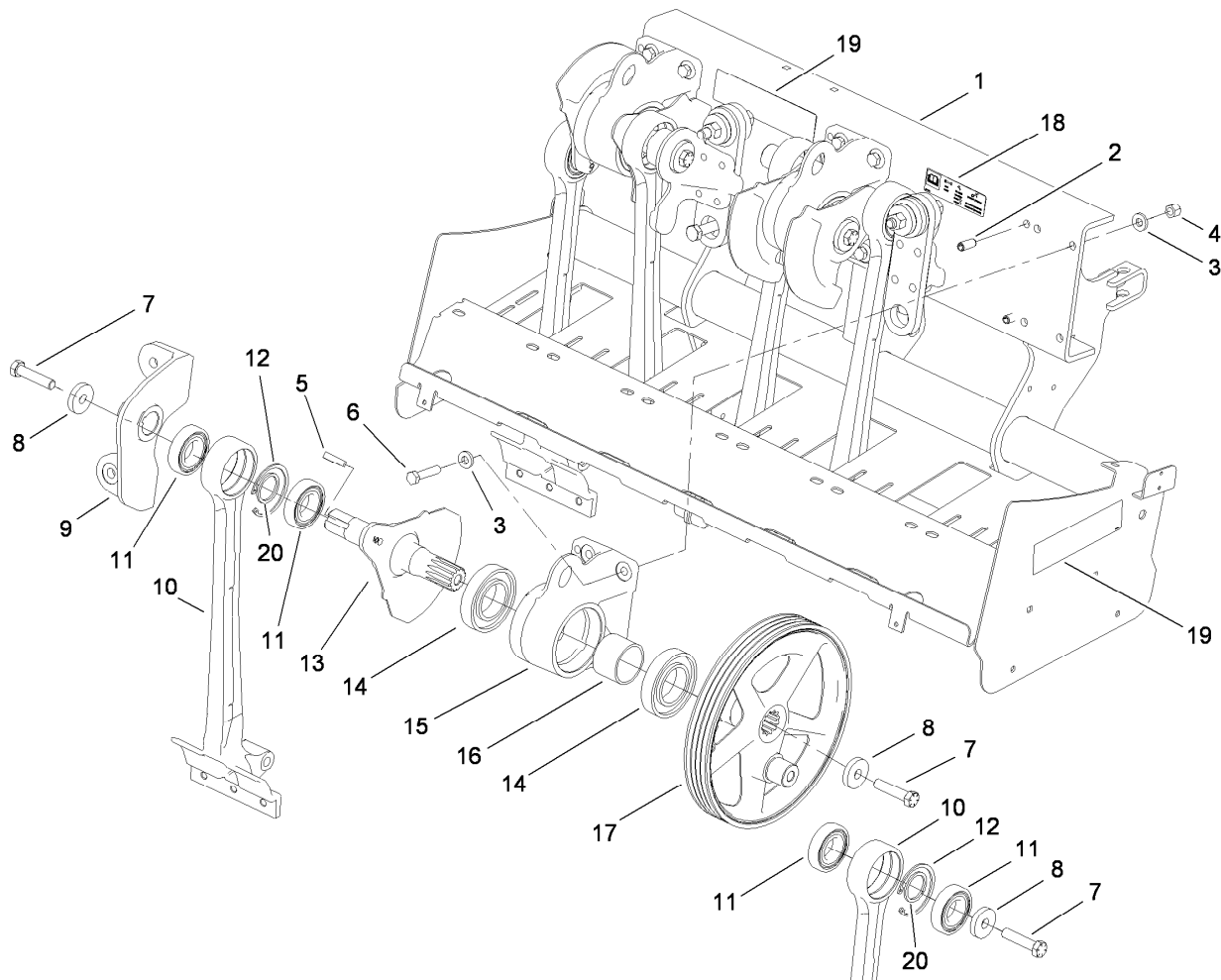
● Not illustrated



## H-Frame Assembly

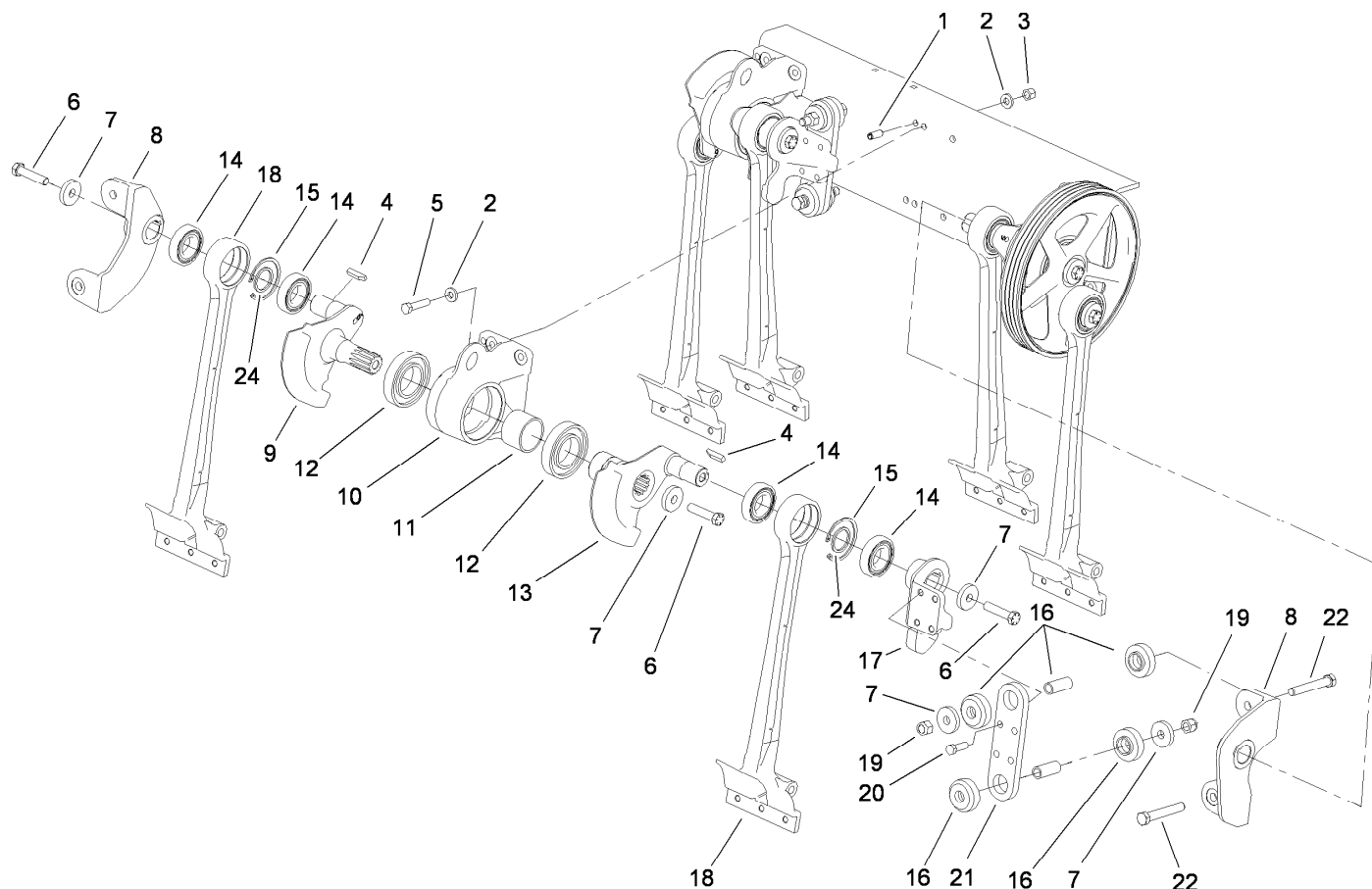
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 104-8300    | 2    | Nut-HF, NI            |
| 2    | 105-0950    | 2    | Pivot Shaft ASM       |
| 3    | 104-1450    | 4    | Bolt-CARR             |
| 4    | 100-1270    | 4    | Switch-Proximity      |
| 5    | 100-4872    | 4    | Plate-Switch, Neutral |
| 6    | 3231-2      | 2    | Bolt-CARR             |
| 7    | 108-6732    | 1    | Bracket-Switch        |
| 8    | 32128-10    | 2    | Nut-Lock, HHF         |
| 9    | 3296-2      | 4    | Nut-Lock, NI          |
| 10   | 105-1006-01 | 1    | Bracket-Switch        |
| 11   | 104-8301    | 2    | Nut-HF, NI            |
| 12   | 3229-10     | 2    | Screw-CARR            |
| 13   | 10-8110     | 3    | Washer-Thrust         |

| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 14   | 3230-2      | 2    | Bolt-CARR      |
| 15   | 3290-495    | 1    | Pin-Klik       |
| 16   | 3272-21     | 1    | Pin-Cotter     |
| 17   | 105-0983-01 | 1    | Bar-Prop       |
| 18   | 112-6516    | 1    | H Frame ASM    |
| 18:2 | 99-3631     | 4    | Bushing-Flange |
| 19   | 3219-7      | 4    | Nut-Hex        |
| 20   | 3253-9      | 4    | Washer-Lock    |
| 21   | 105-1025    | 2    | End-Rod        |
| 22   | 3220-17     | 2    | Nut-Jam, LH    |
| 23   | 105-1007    | 2    | Link-Upper     |
| 24   | 3220-7      | 2    | Nut-Jam        |
| 25   | 2411-40     | 2    | End-Rod        |



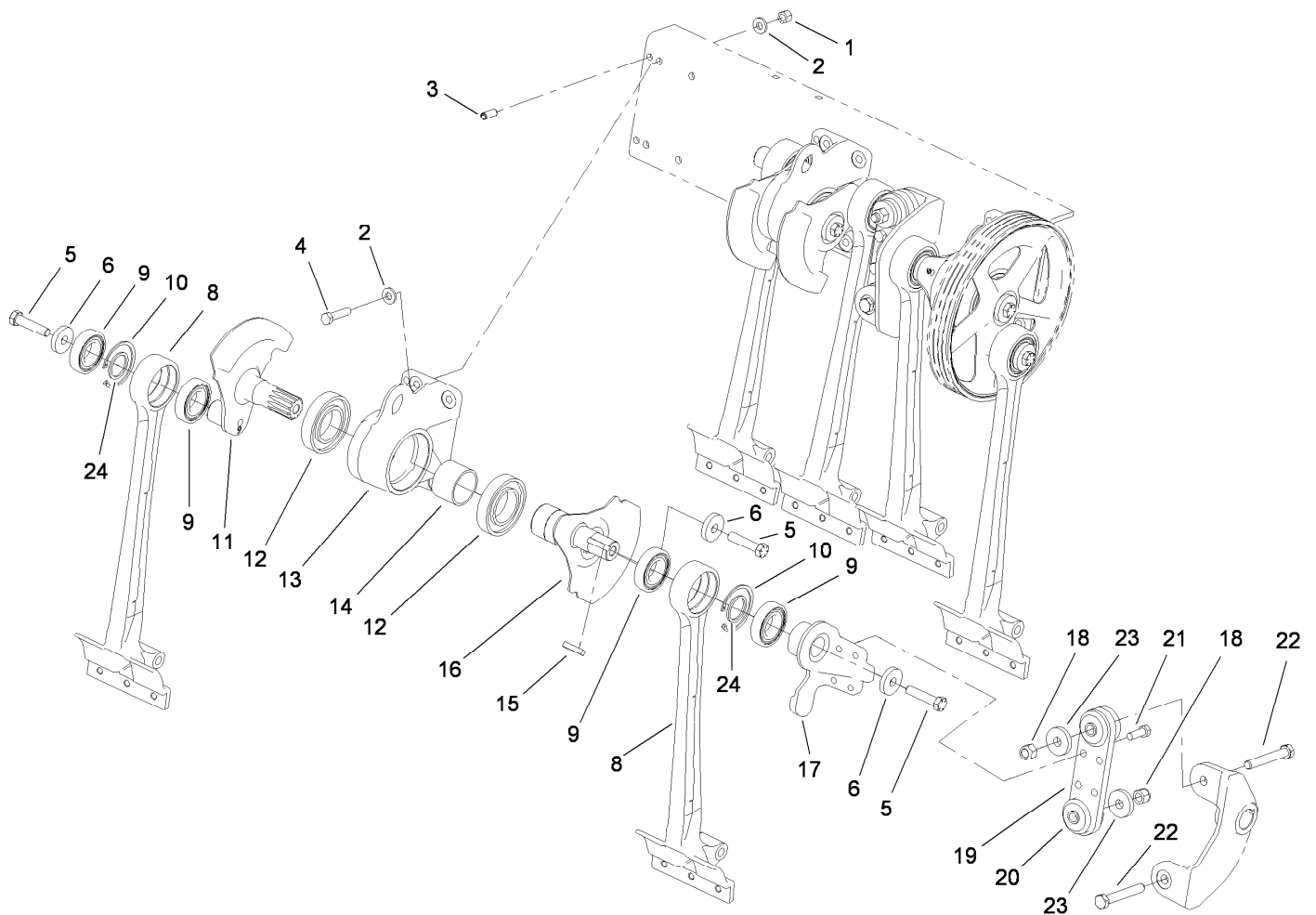
## Coring Head Crank No. 1 and 2 Assembly

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 1    | 110-1495-01 | 1    | Frame-Rear               |
| 2    | 105-1041    | 2    | Pin-Spring               |
| 3    | 107-3395    | 8    | Washer-Hardened          |
| 4    | 3296-23     | 4    | Nut-Lock, NI             |
| 5    | 110-4546    | 1    | Key-Square               |
| 6    | 325-9       | 4    | Screw-HH                 |
| 7    | 110-4614    | 3    | Screw-HH                 |
| 8    | 105-1016    | 3    | Washer-Flat              |
| 9    | 110-4567    | 1    | Coupling-No. 2           |
| 10   | 110-4573    | 2    | Arm-Stomper              |
| 11   | 110-4556    | 4    | Bearing-Ball             |
| 12   | 32151-76    | 2    | Ring-Retaining, Internal |
| 13   | 110-4571    | 1    | Crankarm-No. 2, 4, 6     |
| 14   | 105-0965    | 2    | Bearing-Ball             |
| 15   | 105-0956    | 1    | Housing-Bearing          |
| 16   | 105-1017    | 1    | Spacer                   |
| 17   | 114-1458    | 1    | Pulley-Crankshaft        |
| 18   | 110-4664    | 1    | Decal-Torque, Bolt       |
| 19   | 107-7534    | 3    | Decal-Warning            |
| 20   | 110-4557    | 2    | Spacer-Bearing           |



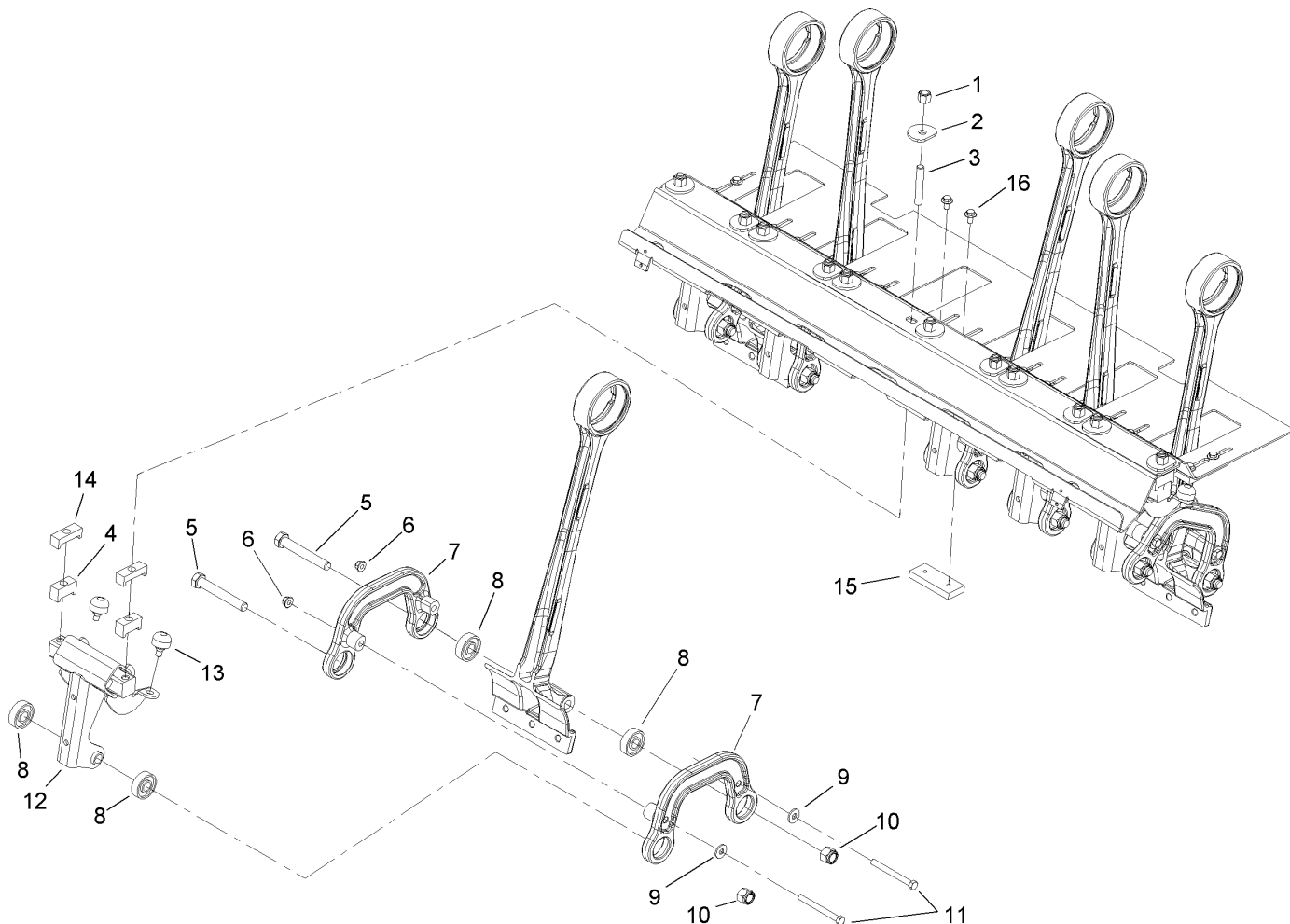
## Coring Head Crank No. 3 and 4 Assembly

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 1    | 105-1041    | 2    | Pin-Spring               |
| 2    | 107-3395    | 8    | Washer-Hardened          |
| 3    | 3296-23     | 4    | Nut-Lock, NI             |
| 4    | 110-4546    | 2    | Key-Square               |
| 5    | 325-9       | 4    | Screw-HH                 |
| 6    | 110-4614    | 3    | Screw-HH                 |
| 7    | 105-1016    | 3    | Washer-Flat              |
| 8    | 110-4569    | 1    | Coupling-No.4            |
| 9    | 110-4571    | 1    | Crankarm-No. 2, 4, 6     |
| 10   | 105-0956    | 1    | Housing-Bearing          |
| 11   | 105-1017    | 1    | Spacer                   |
| 12   | 105-0965    | 2    | Bearing-Ball             |
| 13   | 110-4572    | 1    | Crankarm-No. 3, 5, 7     |
| 14   | 110-4556    | 4    | Bearing-Ball             |
| 15   | 32151-76    | 2    | Ring-Retaining, Internal |
| 16   | 105-0963    | 2    | Mount-ISO, Crank         |
| 17   | 110-4568    | 1    | Coupling-No. 3           |
| 18   | 110-4573    | 2    | Arm-Stomper              |
| 19   | 3296-53     | 2    | Nut-Lock, NI             |
| 20   | 325-6       | 4    | Screw-HH                 |
| 21   | 105-0974-03 | 1    | Plate-Coupling           |
| 22   | 327-29      | 2    | Screw-HH                 |
| 24   | 110-4557    | 2    | Spacer-Bearing           |



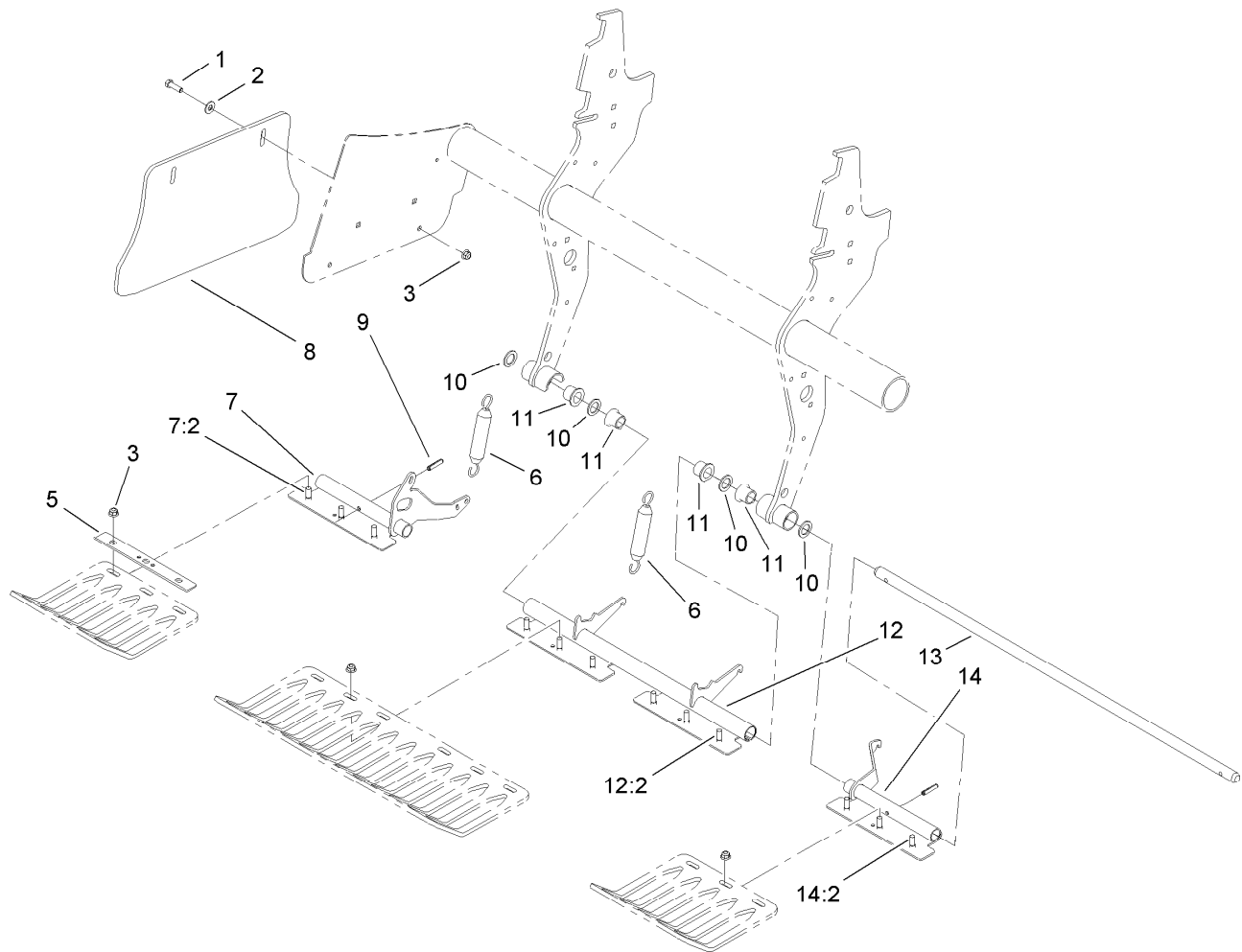
## Coring Head Crank No. 5 and 6 Assembly

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 1    | 3296-23     | 4    | Nut-Lock, NI             |
| 2    | 107-3395    | 8    | Washer-Hardened          |
| 3    | 105-1041    | 2    | Pin-Spring               |
| 4    | 325-9       | 4    | Screw-HH                 |
| 5    | 110-4614    | 3    | Screw-HH                 |
| 6    | 105-1016    | 3    | Washer-Flat              |
| 8    | 110-4573    | 2    | Arm-Stomper              |
| 9    | 110-4556    | 4    | Bearing-Ball             |
| 10   | 32151-76    | 2    | Ring-Retaining, Internal |
| 11   | 110-4576    | 1    | Crankarm-No.6            |
| 12   | 105-0965    | 2    | Bearing-Ball             |
| 13   | 105-0956    | 1    | Housing-Bearing          |
| 14   | 105-1017    | 1    | Spacer                   |
| 15   | 110-4546    | 1    | Key-Square               |
| 16   | 110-4572    | 1    | Crankarm-No. 3, 5, 7     |
| 17   | 110-4570    | 1    | Coupling-N0.5            |
| 18   | 3296-53     | 2    | Nut-Lock, NI             |
| 19   | 105-0974-03 | 1    | Plate-Coupling           |
| 20   | 105-0963    | 2    | Mount-ISO, Crank         |
| 21   | 325-6       | 4    | Screw-HH                 |
| 22   | 327-29      | 2    | Screw-HH                 |
| 23   | 110-4549    | 2    | Washer-Snubbing          |
| 24   | 110-4557    | 2    | Spacer-Bearing           |



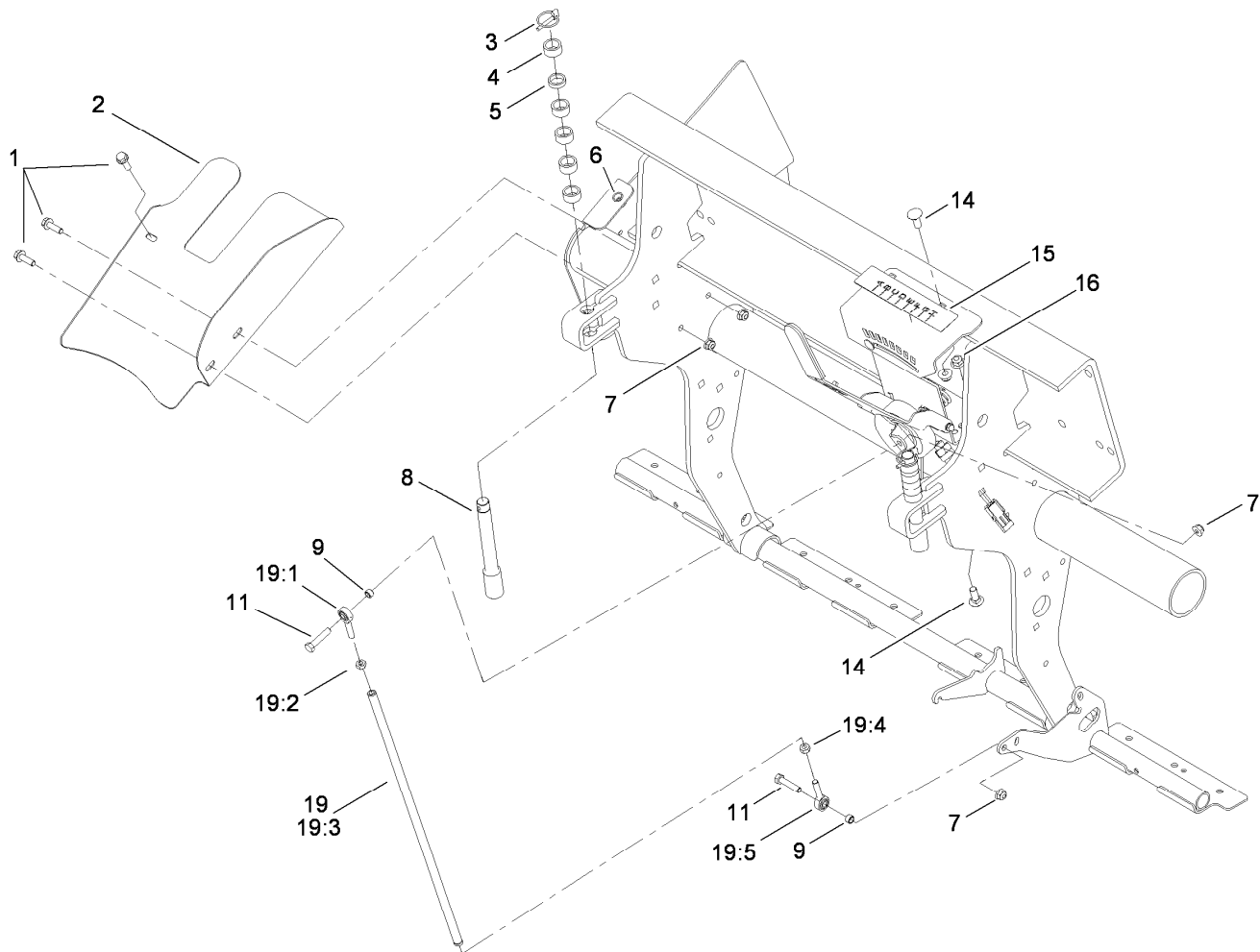
## Coring Head Roto Link Assembly

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 32128-23    | 12   | Nut-HF               |
| 2    | 107-7543    | 12   | Washer-Hardened      |
| 3    | 105-1088    | 12   | Stud                 |
| 4    | 105-0999    | 12   | Standoff-Damper V    |
| 5    | 327-29      | 12   | Screw-HH             |
| 6    | 104-8301    | 12   | Nut-HF, NI           |
| 7    | 105-1000    | 12   | Link-Damper          |
| 8    | 251-311     | 24   | Bearing-Ball         |
| 9    | 80-6990     | 12   | Washer-Hardened      |
| 10   | 3296-53     | 12   | Nut-Lock, NI         |
| 11   | 323-42      | 12   | Screw-HH             |
| 12   | 106-8922    | 6    | Damper               |
| 13   | 87-2440     | 12   | Bumper-Rubber        |
| 14   | 107-7582    | 12   | Spacer-Damper, Top V |
| 15   | 107-7584    | 7    | Plate-Bumper V       |
| 16   | 3234-7      | 14   | Screw-HHF            |



## Coring Head Turf Guard Assembly

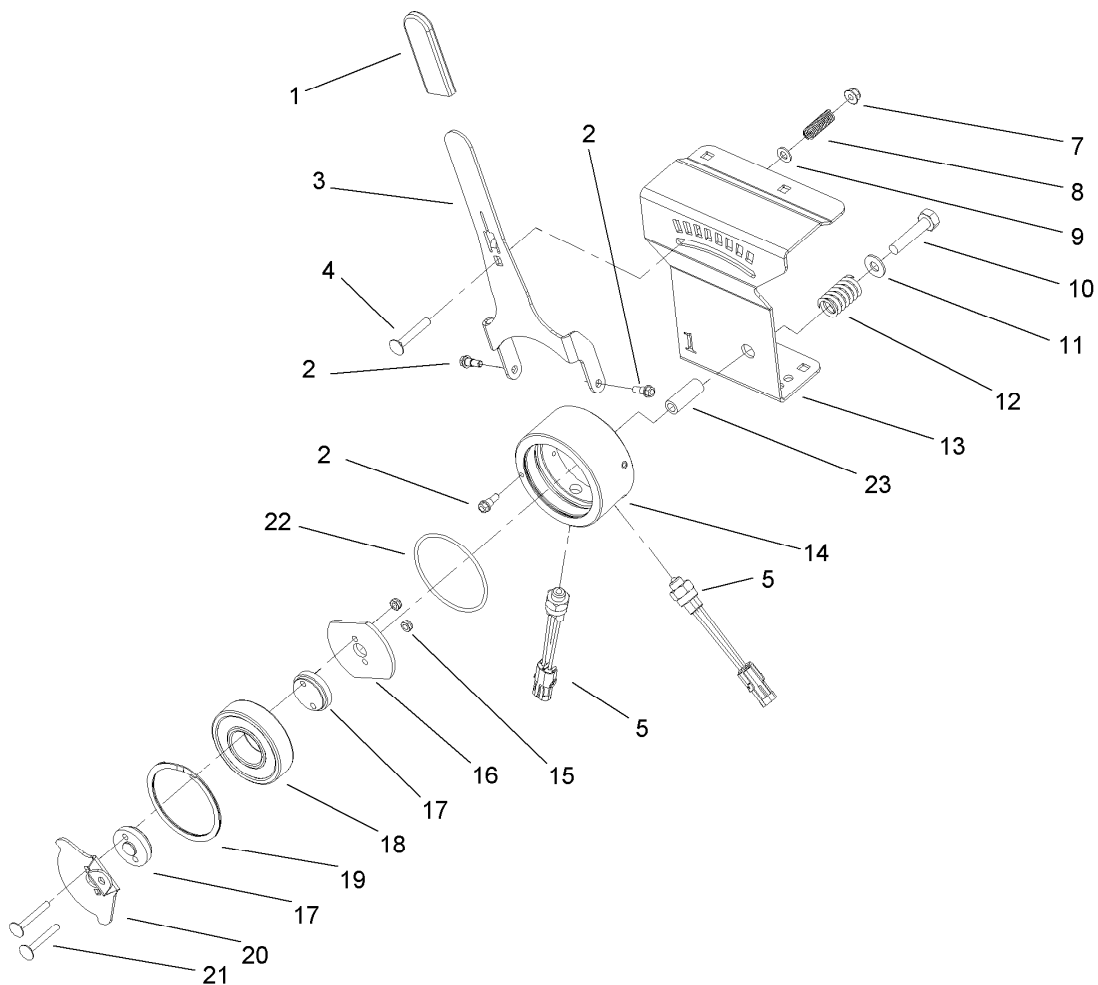
| Ref. | Part Number | Qty. | Description                   |
|------|-------------|------|-------------------------------|
| 1    | 323-7       | 4    | Screw-HH                      |
| 2    | 3256-4      | 4    | Washer-Flat                   |
| 3    | 104-8301    | 16   | Nut-HF, NI                    |
| 5    | 110-4274-03 | 4    | Clamp-Guard, Turf             |
| 6    | 66-4270     | 2    | Spring-Extension              |
| 7    | 110-4395    | 1    | LH Turf Guard Bracket ASM     |
| 7:2  | 110-4268    | 3    | Screw-Neck, Rib               |
| 8    | 105-1069    | 2    | Shield-Side                   |
| 9    | 32121-25    | 2    | Pin-Roll                      |
| 10   | 3-7898      | 4    | Washer-Thrust                 |
| 11   | 107-7581    | 4    | Bushing-Flange, Keyed         |
| 12   | 110-4393    | 1    | Center Turf Guard Bracket ASM |
| 12:2 | 110-4268    | 6    | Screw-Neck, Rib               |
| 13   | 105-1024    | 1    | Shaft-Guard, Turf             |
| 14   | 110-4394    | 1    | RH Turf Guard Bracket ASM     |
| 14:2 | 110-4268    | 3    | Screw-Neck, Rib               |



## Depth Control Assembly

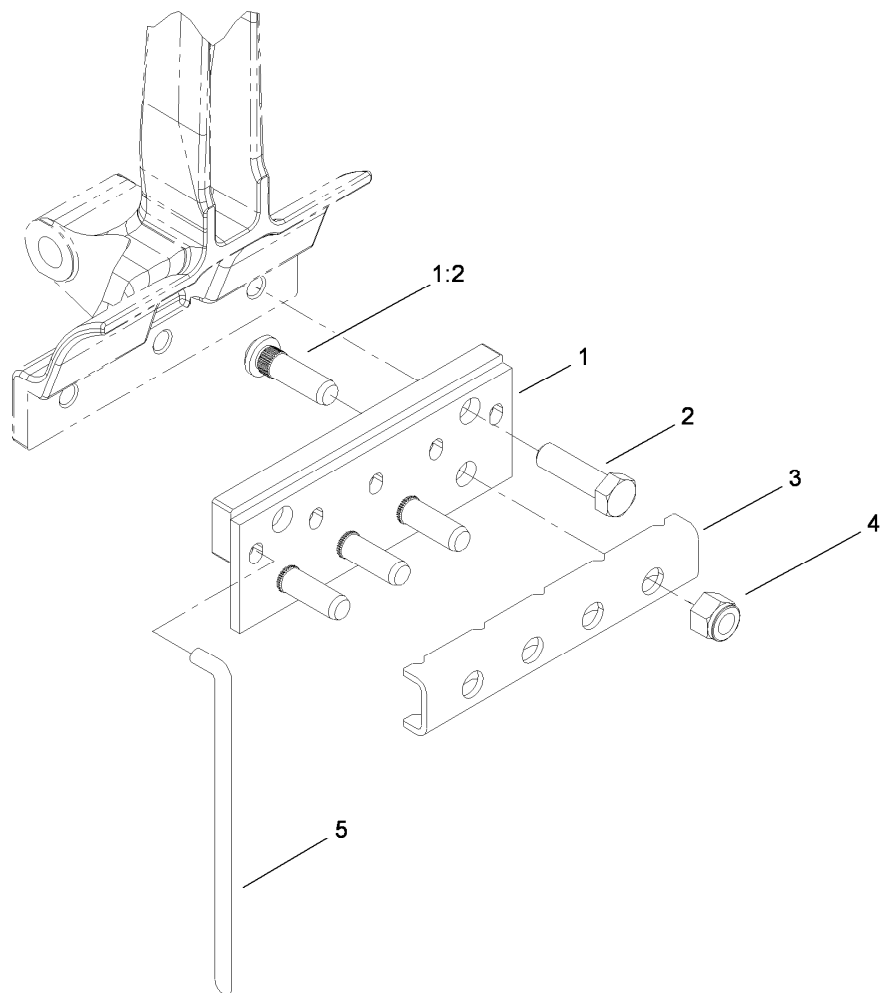
| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 3234-17     | 3    | Screw-HHF              |
| 2    | 105-1092-01 | 1    | Shield-Top, Belt       |
| 3    | 3290-495    | 2    | Pin-Klik               |
| 4    | 74-3730     | 10   | Spacer-Spindle, Rear   |
| 5    | 105-3828    | 2    | Spacer                 |
| 6    | 32148-7     | 1    | Nut-Clinch             |
| 7    | 104-8300    | 4    | Nut-HF, NI             |
| 8    | 105-1004    | 2    | Pin-Stop, Depth        |
| 9    | 92-3133     | 2    | Spacer-Lever, Traction |
| 11   | 322-7       | 2    | Screw-HH               |
| 14   | 3231-2      | 4    | Bolt-CARR              |
| 15   | 106-8853    | 1    | Decal-Control, Depth   |
| 16   | 104-8301    | 4    | Nut-HF, NI             |
| 19   |             | 1    | Link ASM ●             |
| 19:1 | 2411-52     | 1    | Bearing-Rod End, RH    |
| 19:2 | 3220-2      | 1    | Nut-Jam                |
| 19:3 | 105-1067    | 1    | Tube-Control, Depth    |
| 19:4 | 3220-20     | 1    | Nut-Jam                |
| 19:5 | 2411-53     | 1    | Bearing-Rod End, LH    |

● Not serviced separately



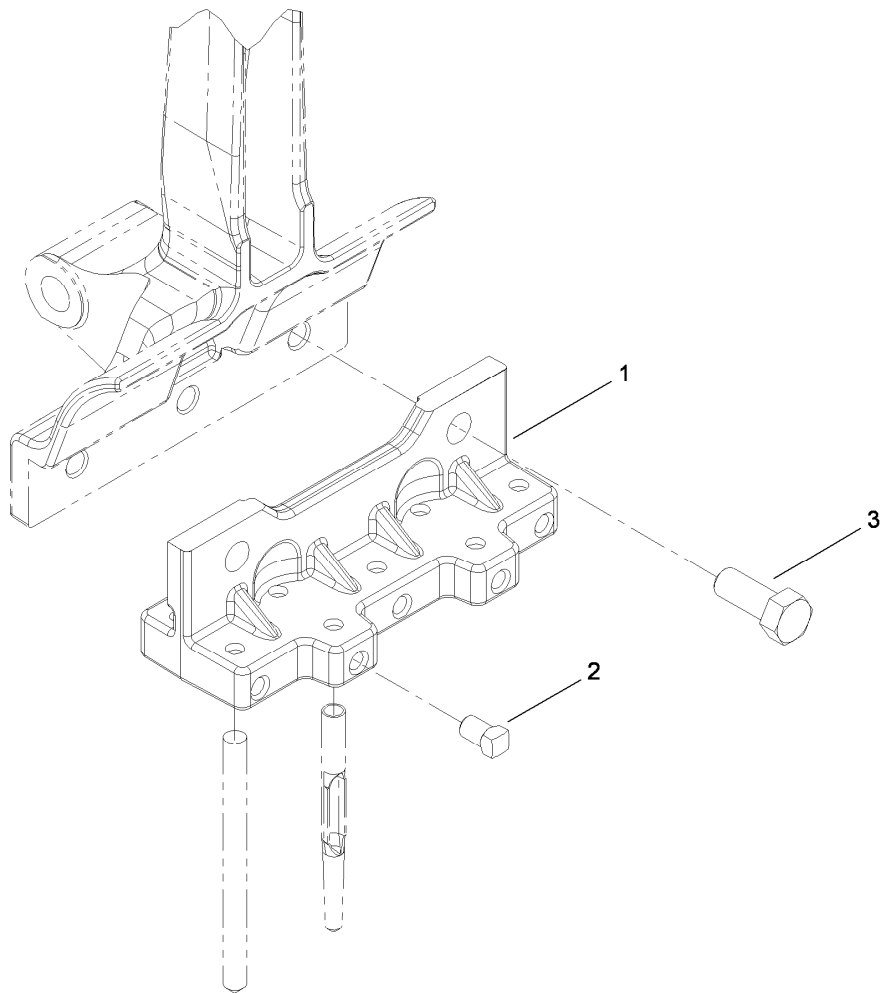
## Depth Actuator Assembly

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 21-1880     | 1    | Grip-Handle            |
| 2    | 42-3560     | 3    | Bolt-Shoulder          |
| 3    | 106-8860-03 | 1    | Arm-Control, Depth     |
| 4    | 3230-6      | 1    | Bolt-CARR              |
| 5    | 72-4320     | 2    | Switch-Ball            |
| 7    | 104-8300    | 1    | Nut-HF, NI             |
| 8    | 95-1821     | 1    | Spring-Compression     |
| 9    | 3256-23     | 1    | Washer-Plain           |
| 10   | 322-11      | 1    | Screw-HH               |
| 11   | 3256-4      | 1    | Washer-Flat            |
| 12   | 66-9010     | 1    | Spring-Compression     |
| 13   | 106-8865-03 | 1    | Support-Control, Depth |
| 14   | 108-2129    | 1    | Housing-Control, Depth |
| 15   | 3296-56     | 2    | Nut-Lock, NI           |
| 16   | 106-8864    | 1    | Actuator-Switch        |
| 17   | 106-8863    | 2    | Spacer-Control, Depth  |
| 18   | 106-8871    | 1    | Bearing-Ball           |
| 19   | 106-8872    | 1    | Ring-Retaining         |
| 20   | 106-8861-03 | 1    | Arm-Actuator, Switch   |
| 21   | 3230-33     | 2    | Screw-CARR             |
| 22   | 237-33      | 1    | O-Ring                 |
| 23   | 95-6448     | 1    | Spacer                 |



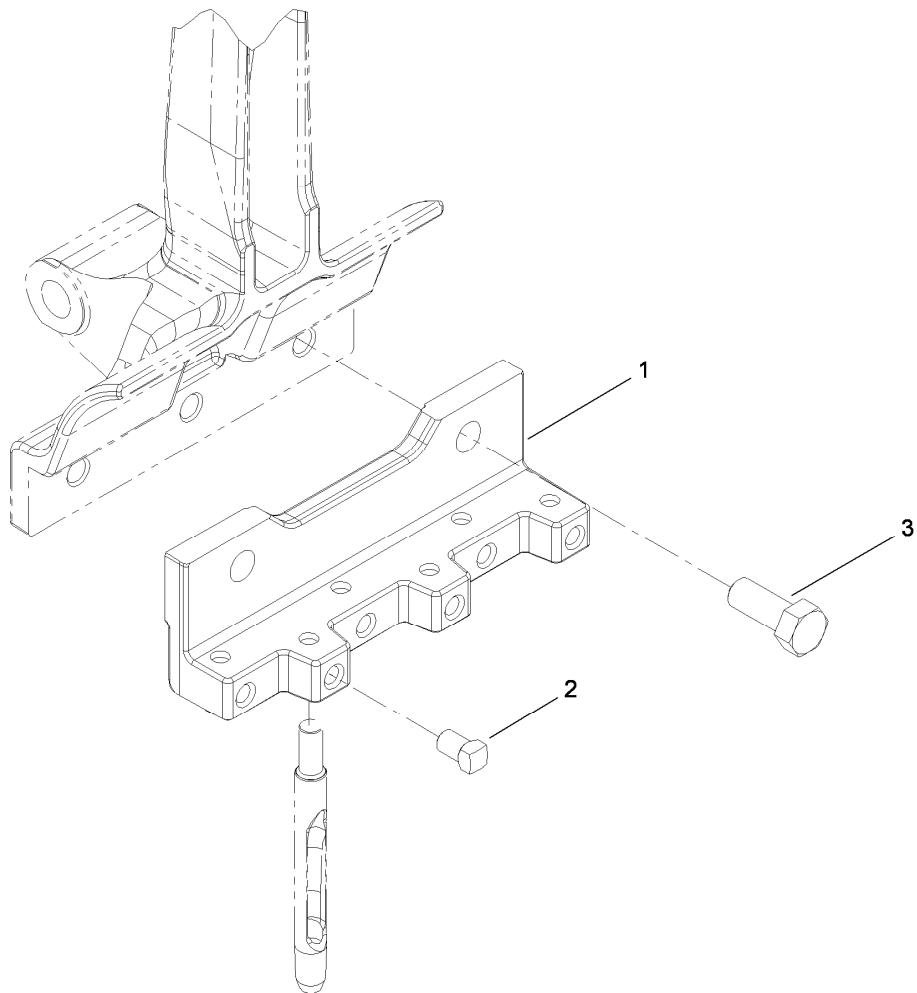
## Needle Tine Head Assembly (Model 09739)

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    | 108-6846    | 2    | Needle Tine Holder ASM  |
| 1:2  | 10-6830     | 4    | Stud-Type, Drive        |
| 2    | 325-7       | 4    | Screw-HH                |
| 3    | 108-6849-03 | 2    | Clamp-Tine, Needle      |
| 4    | 3296-19     | 8    | Nut-Hex                 |
| 5    | 100-3620    | 10   | Tine-Needle, 5Mm X 6.43 |
| 5    | 100-3621    | 10   | Tine-Needle, 8Mm X 7.38 |



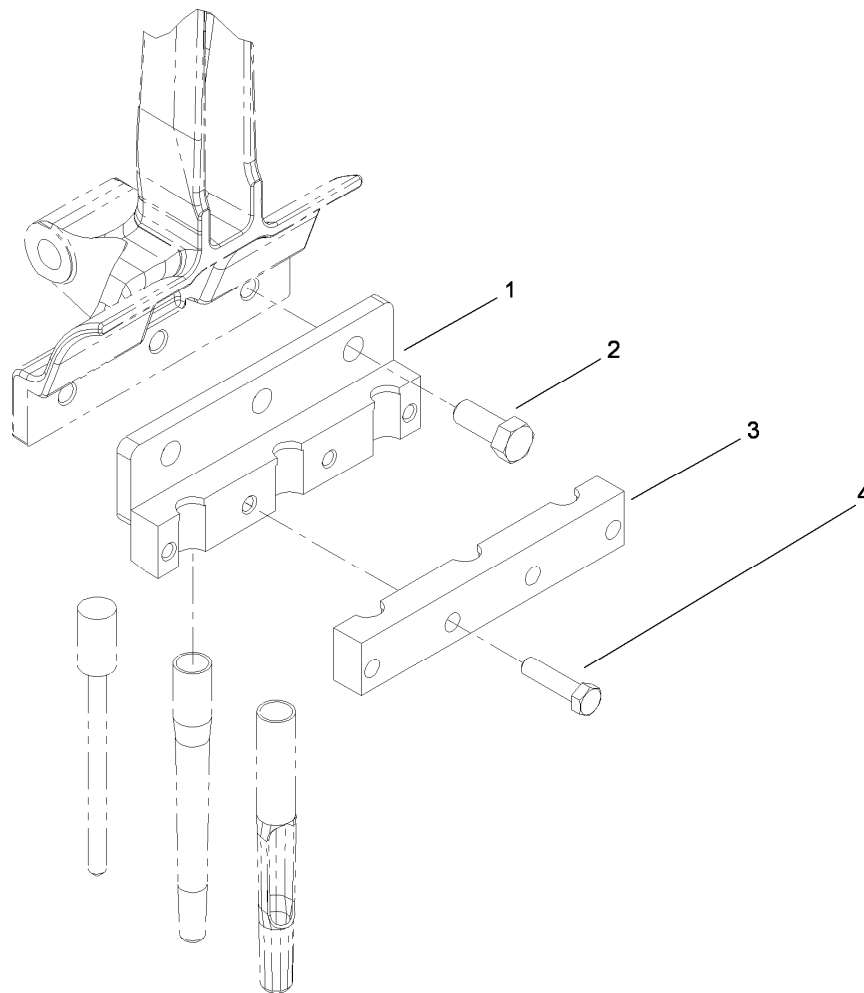
## Mini Tine Head Assembly, 2 Rows of 5 (Model 09736)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 105-1184           | 2           | Tineholder         |
| 2           | 3243-1             | 20          | Screw-Set          |
| 3           | 325-5              | 4           | Screw-HH           |



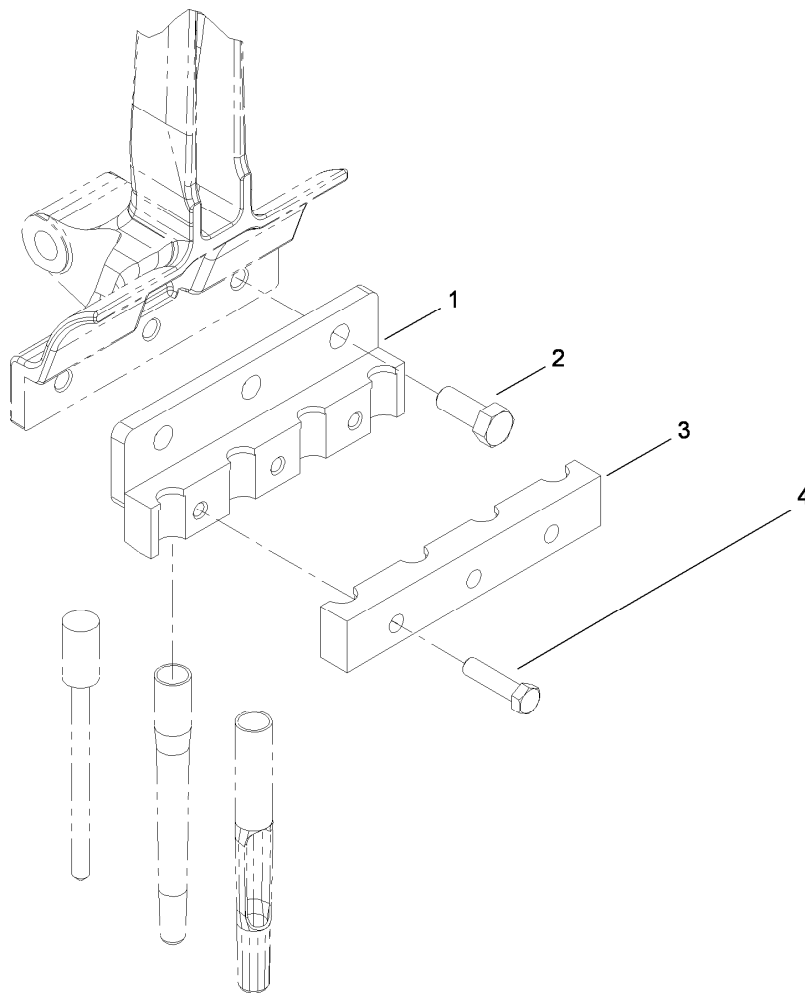
## Mini Tine Head Assembly, 1 Row of 6 (Model 09737)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 108-6809           | 2           | Holder-Tine        |
| 2           | 3243-1             | 12          | Screw-Set          |
| 3           | 325-5              | 4           | Screw-HH           |



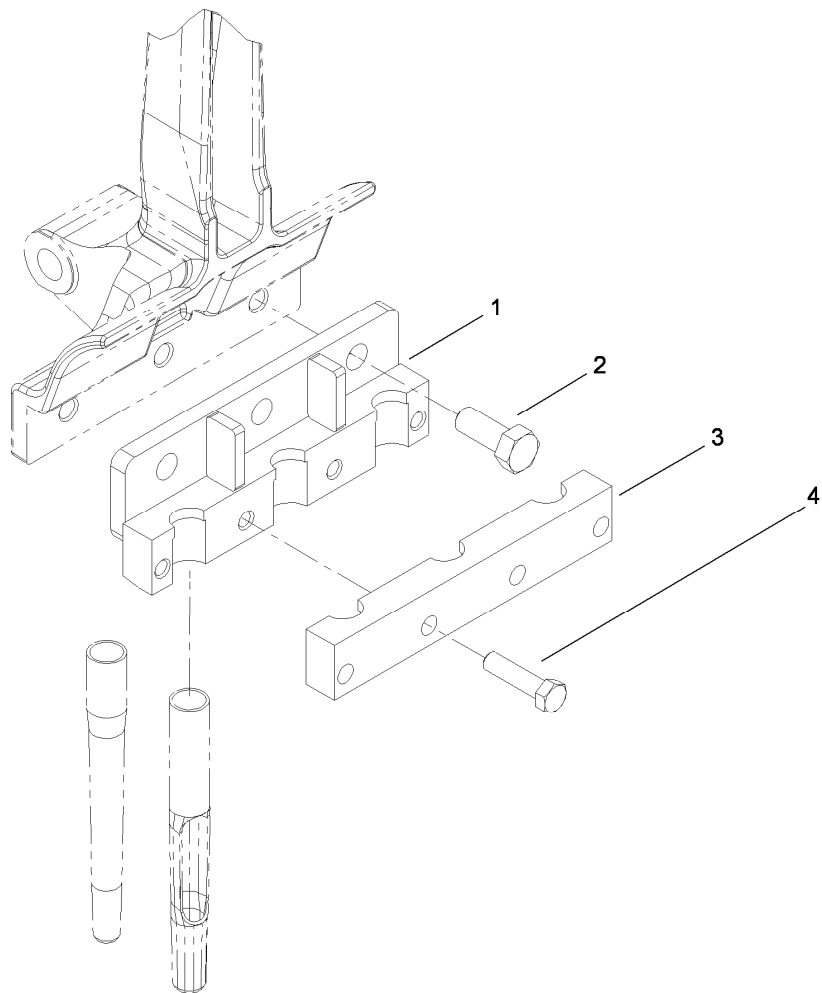
### 3 Tine Head Assembly, 3/4 Inch (Model 09794)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>   |
|-------------|--------------------|-------------|----------------------|
| 1           | 105-1036-03        | 2           | 3 Tine Holder ASM    |
| 2           | 325-5              | 6           | Screw-HH             |
| 3           | 105-1038-03        | 2           | Clamp-Holder, 3 Tine |
| 4           | 323-8              | 8           | Screw-HH             |



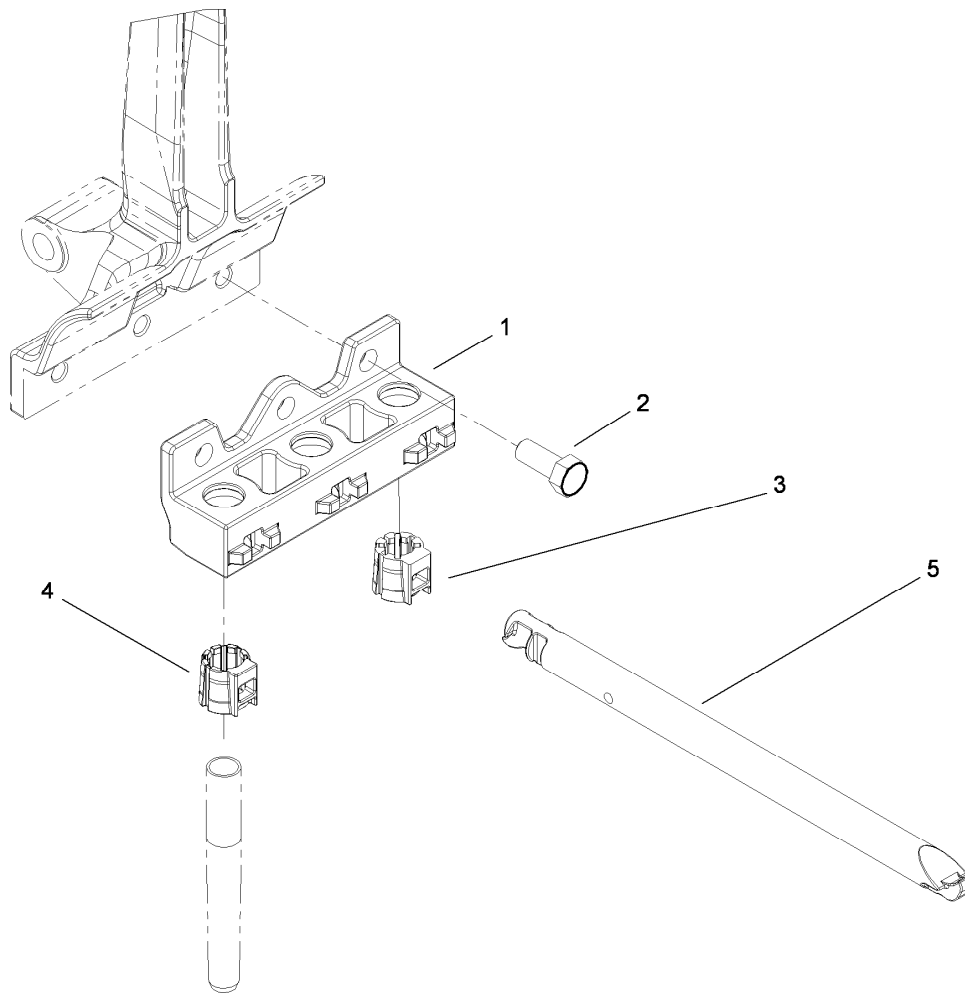
## 4 Tine Head Assembly, 3/4 Inch (Model 09796)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>   |
|-------------|--------------------|-------------|----------------------|
| 1           | 105-1045-03        | 2           | 4 Tine Holder ASM    |
| 2           | 325-5              | 6           | Screw-HH             |
| 3           | 105-1032-03        | 2           | Clamp-Holder, 4 Tine |
| 4           | 323-8              | 6           | Screw-HH             |



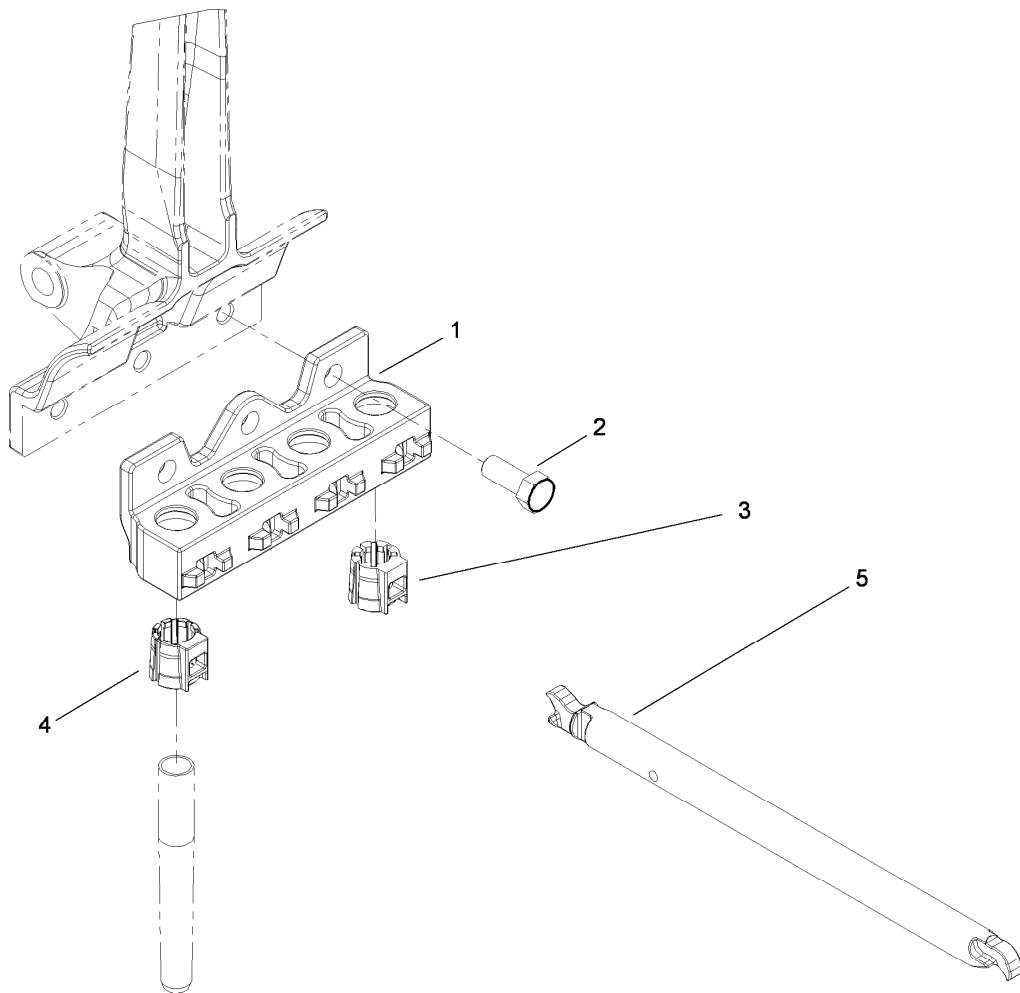
### 3 Tine Head Assembly, 7/8 Inch (Model 09797)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 110-4692-03        | 2           | Holder-7/8 Inch    |
| 2           | 325-5              | 6           | Screw-HH           |
| 3           | 108-2124-03        | 2           | Clamp-Tine         |
| 4           | 323-8              | 8           | Screw-HH           |



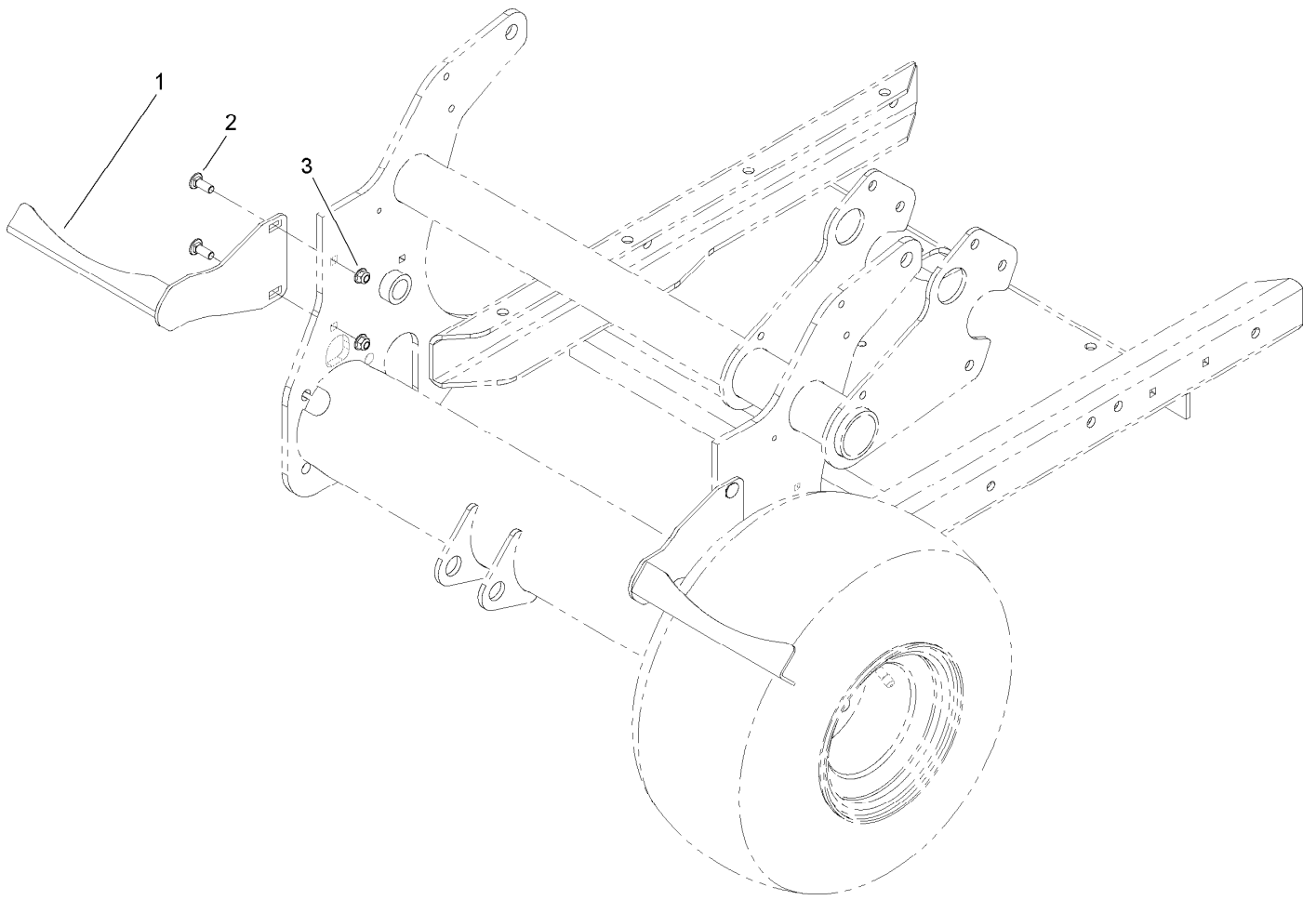
### 3 Tine Titan Quick Lock Assembly (Model 09711)

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    | 110-4579    | 2    | Holder-3 Tine           |
| 2    | 325-5       | 6    | Screw-HH                |
| 3    | 108-6837    | 6    | Insert-Sleeve, 3/4 Inch |
| 4    | 108-6838    | 6    | Insert-Sleeve, 7/8 Inch |
| 5    | 108-6841    | 1    | Tool-Collet, Titan      |



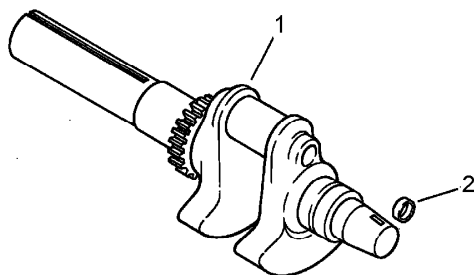
## 4 Tine Titan Quick Lock Assembly (Model 09719)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>      |
|-------------|--------------------|-------------|-------------------------|
| 1           | 110-4695           | 2           | Holder-4 Tine           |
| 2           | 325-5              | 6           | Screw-HH                |
| 3           | 108-6837           | 8           | Insert-Sleeve, 3/4 Inch |
| 4           | 108-6838           | 8           | Insert-Sleeve, 7/8 Inch |
| 5           | 108-6841           | 1           | Tool-Collet, Titan      |



## Tire Scraper Assembly (Model 09225)

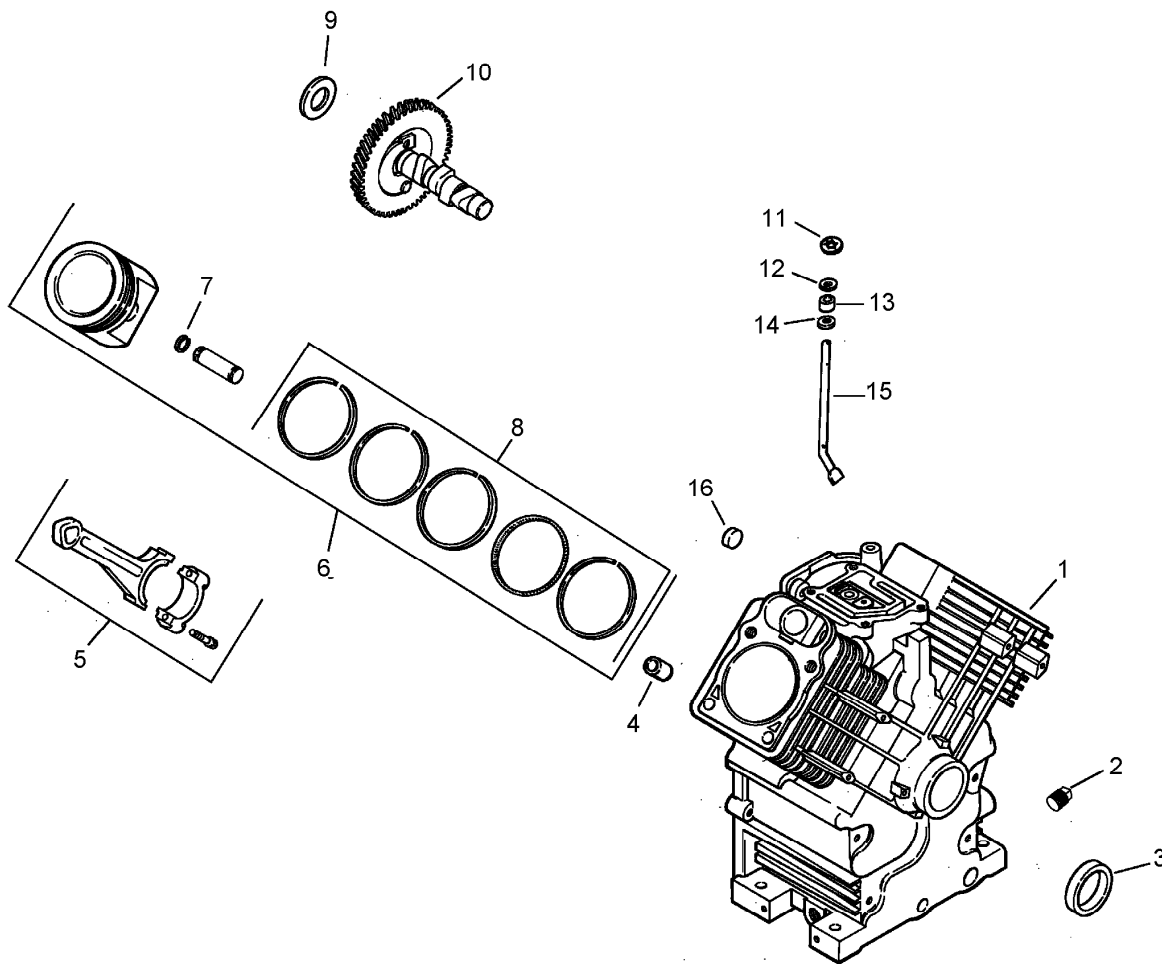
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 107-7531-03        | 2           | Scraper-Wheel      |
| 2           | 3231-26            | 4           | Screw-CARR         |
| 3           | 104-8301           | 4           | Nut-HF, NI         |



## Crankshaft Assembly Kohler CH23S 76585

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>            |
|-------------|--------------------|-------------|-------------------------------|
| 1           | 24 014 72-S        | 1           | Crankshaft ASM (Includes 2) ● |
| 2           | 52 139 09-S        | 1           | Plug-Cup ●                    |

● Obtain parts from [www.kohlerplus.com](http://www.kohlerplus.com)

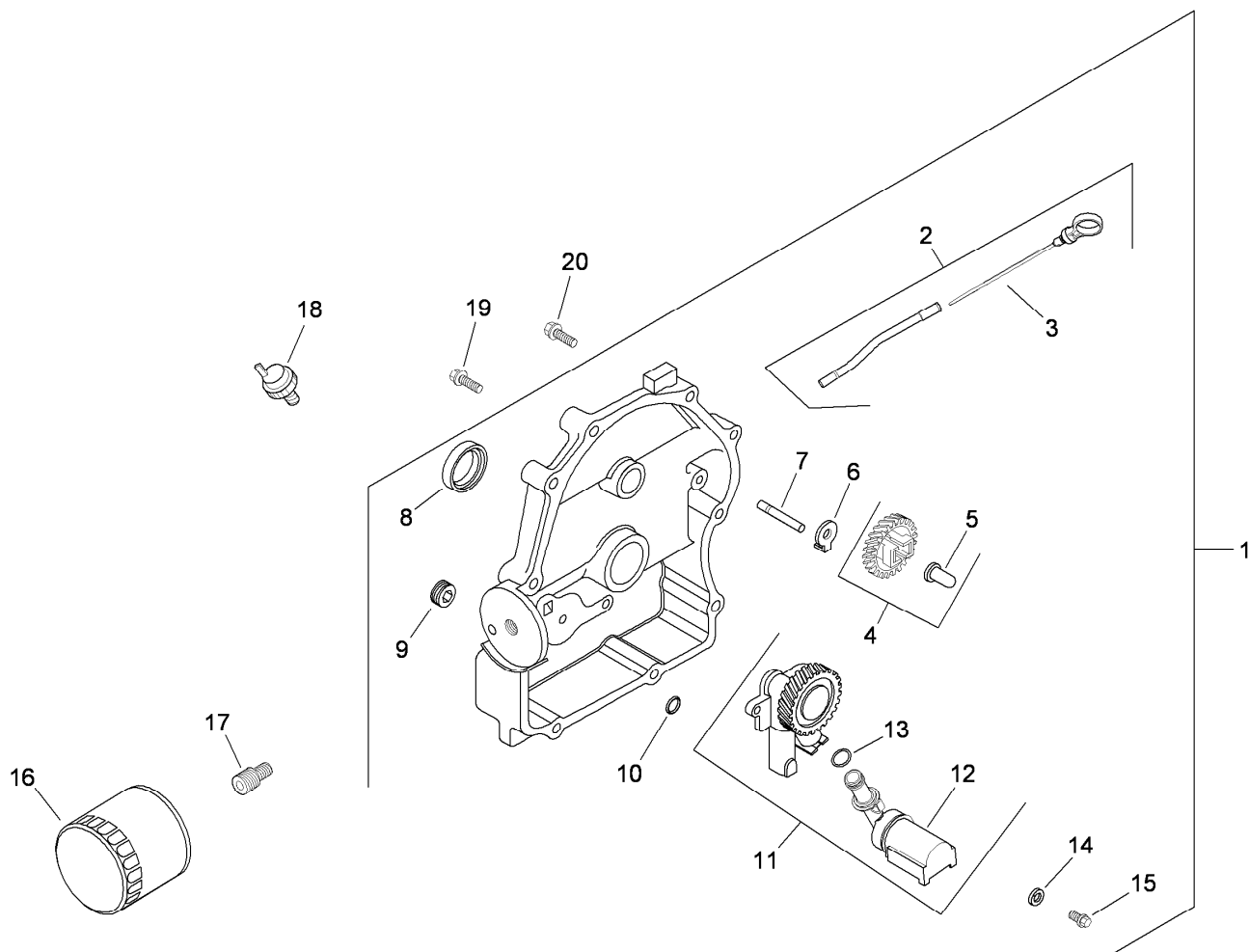


## Crankcase Assembly Kohler CH23S 76585

| Ref. | Part Number | Qty. | Description                                  | Ref. | Part Number | Qty. | Description                   |
|------|-------------|------|----------------------------------------------|------|-------------|------|-------------------------------|
| 1    |             | 1    | Crankcase (Use: Short Block Or Miniblock) ●■ | 9    | 12 422 09-S | 1    | Shim-Camshaft (Red .032) ■    |
| 2    | 25 139 57-S | 2    | Plug-Pipe, Sq HD (3/8) ■                     | 9    | 12 422 13-S | 1    | Shim-Camshaft (Black .04) ■   |
| 3    | 24 032 01-S | 1    | Seal-Oil ■                                   | 9    | 12 422 07-S | 1    | Shim-Camshaft (White .028) ■  |
| 4    | 24 380 13-S | 6    | Pin-Locating ■                               | 9    | 12 422 08-S | 1    | Shim-Camshaft (Blue .03) ■    |
| 5    | 24 067 13-S | 2    | Rod-Connecting (Standard) ■                  | 9    | 12 422 10-S | 1    | Shim-Camshaft (Yellow .034) ■ |
| 5    | 24 067 14-S | 2    | Rod-Connecting (.25) ■                       | 9    | 12 422 11-S | 1    | Shim-Camshaft (Green .036) ■  |
| 6    | 24 874 09-S | 2    | Piston W/Ring Set (Std.) (Includes 7, 8) ■   | 9    | 12 422 12-S | 1    | Shim-Camshaft (Gray .038) ■   |
| 6    | 24 874 15-S | 2    | Piston W/Ring Set (.08) (Includes 7, 8) ■    | 10   | 24 012 10-S | 1    | Camshaft Kit ■                |
| 6    | 24 874 10-S | 2    | Piston W/Ring Set (.25) (Includes 7, 8) ■    | 11   | 24 018 09-S | 1    | Retainer-Ring ■               |
| 6    | 24 874 11-S | 2    | Piston W/Ring Set (.50) (Includes 7, 8) ■    | 12   | M-931010-S  | 1    | Washer-Flat (9Mm) ■           |
| 7    | 24 018 01-S | 4    | Retainer-Pin, Piston ■                       | 13   | 28 032 09-S | 1    | Seal-Cross Shaft, Governor ■  |
| 8    | 24 108 08-S | 2    | Ring Set (STD And .08) ■                     | 14   | 24 468 15-S | 1    | Washer-Flat (11/32) ■         |
| 8    | 24 108 09-S | 2    | Ring Set (.25) ■                             | 15   | 24 144 38-S | 1    | Shaft-Cross, Governor ■       |
| 8    | 24 108 10-S | 2    | Ring Set (.50) ■                             | 16   | 52 139 09-S | 1    | Plug-Cup ■                    |

● Not serviced separately

■ Obtain parts from [www.kohlerplus.com](http://www.kohlerplus.com)

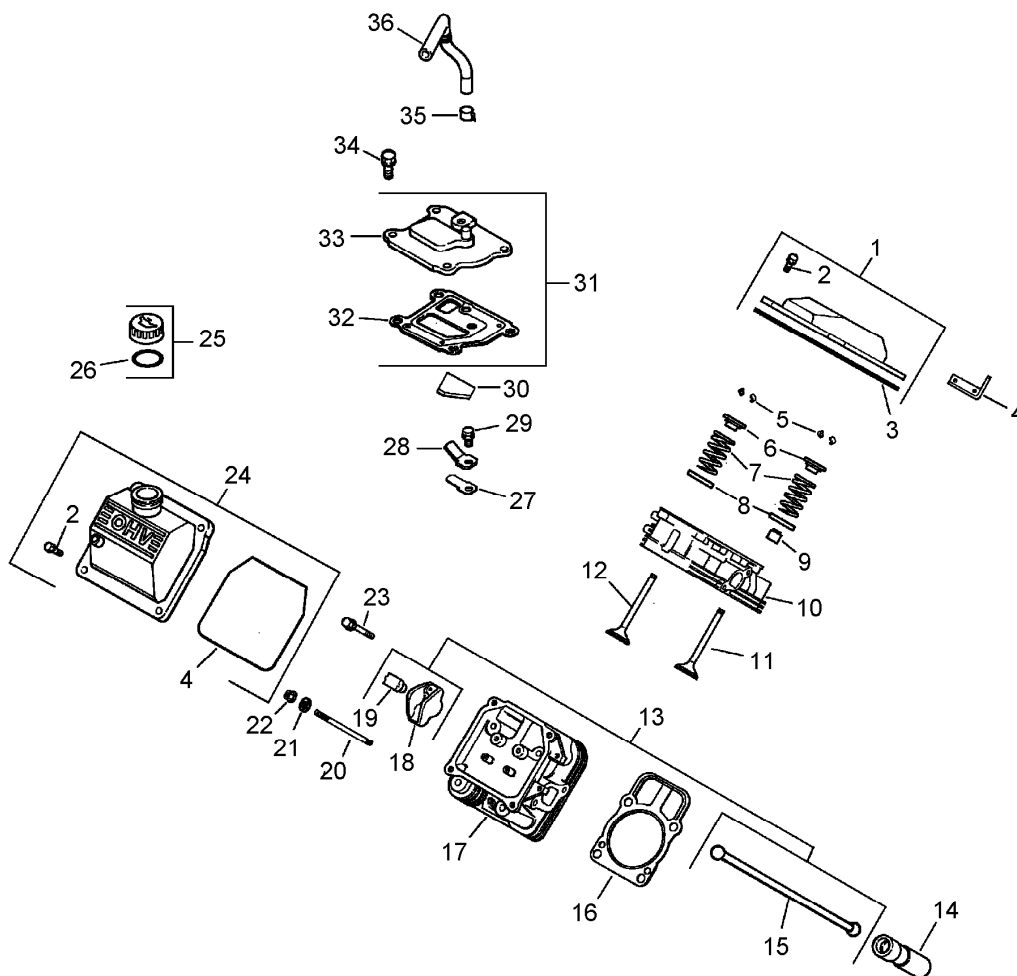


## Oil Pan and Lubrication Assembly Kohler CH23S-76585

| Ref. | Part Number  | Qty. | Description                                |
|------|--------------|------|--------------------------------------------|
| 1    | 54 009 01-S  | 1    | Closure Plate ASM (Includes 2-15) ■        |
| 2    | 24 755 121-S | 1    | Dipstick And Tube ASM (Includes 3) ■       |
| 3    | 24 038 10-S  | 1    | Dipstick ■                                 |
| 4    | 24 043 12-S  | 1    | Governor Gear ASM (Includes 5) ■           |
| 5    | 12 380 01-S  | 1    | Pin-Regulating, Governor ■                 |
| 6    | 24 448 02-S  | 1    | Tab-Locking ■                              |
| 7    | 12 144 02-S  | 1    | Shaft-Gear, Governor ■                     |
| 8    | 52 032 08-S  | 1    | Seal-Oil (P-T-O End) ■                     |
| 9    | 25 139 60-S  | 1    | Plug-Pipe, Countersunk (1/8) ■             |
| 10   | 24 153 08-S  | 1    | O-Ring ■                                   |
| 11   | 24 393 37-S  | 1    | Oil Pump ASM (Includes 12, 13) ■           |
| 12   | 24 381 04-S  | 1    | Tube-Pick Up, Oil ■                        |
| 13   | 24 153 01-S  | 1    | O-Ring ■                                   |
| 14   | M-631005-S   | 2    | Washer-Flat (6 Mm) ■                       |
| 15   | M-645025-S   | 2    | Screw-Flange, Thread Forming (M6X1.0X25) ■ |
| 16   | 12 050 01-S  | 1    | Filter-Oil ■                               |
| 17   | 24 136 01-S  | 1    | Nipple-Filter, Oil ■                       |
| 18   | 25 099 24-S  | 1    | Switch-Pressure ■                          |
| 19   | 24 086 16-S  | 9    | Screw-HF (M8X1.25X45) ■                    |
| 20   | 24 086 17-S  | 1    | Screw-Flange (M8X1.25X45) ■                |
|      | 25 113 05-S  | 1    | Decal-Sentry, Oil ● ■                      |

● Not illustrated

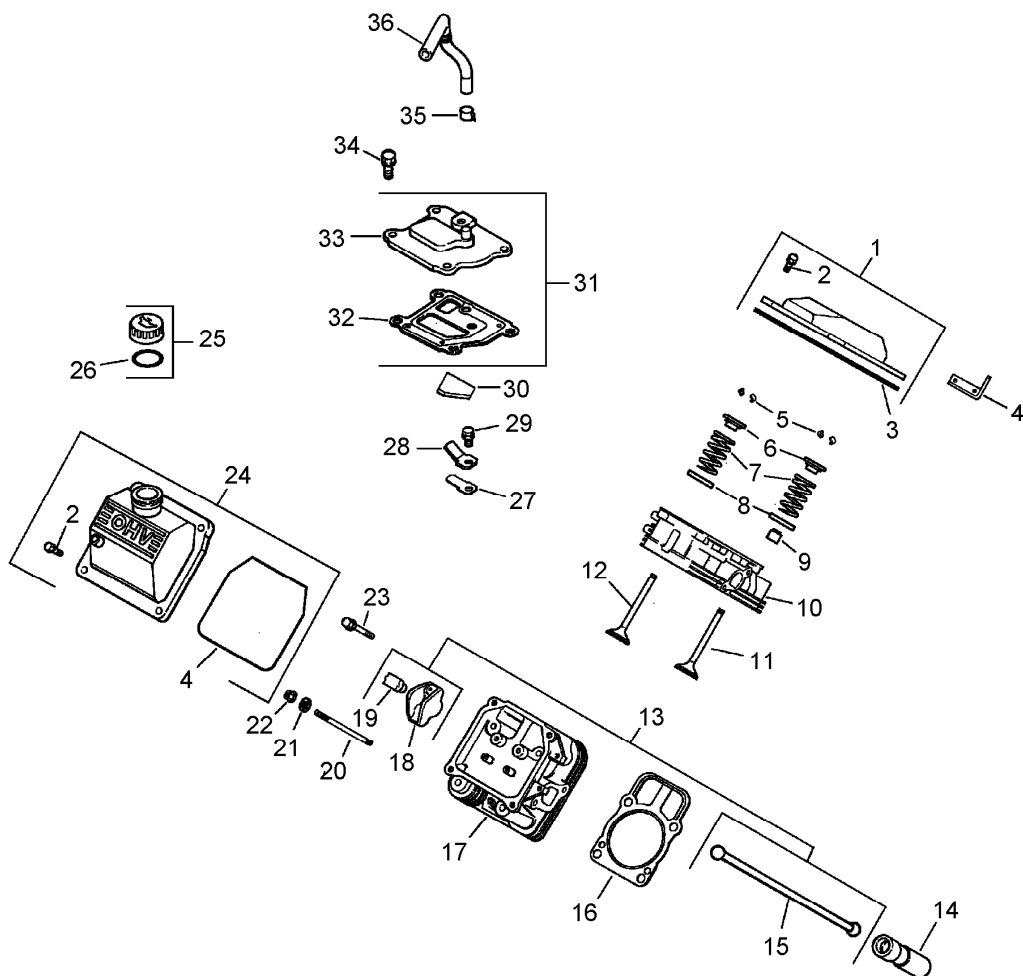
■ Obtain parts from [www.kohlerplus.com](http://www.kohlerplus.com)



## Head / Valve / Breather Assembly Kohler CH23S 76585

| Ref. | Part Number  | Qty. | Description                                    | Ref. | Part Number  | Qty. | Description                                  |
|------|--------------|------|------------------------------------------------|------|--------------|------|----------------------------------------------|
| 1    | 24 755 141-S | 1    | Plain Valve Cover Kit<br>(Includes 2-3) ●      | 18   | 25 186 01-S  | 4    | Arm-Rocker ●                                 |
| 2    | M-651030-S   | 4    | Screw-Flange (M6X1.0X30)<br>●                  | 19   | 24 599 01-S  | 4    | Pivot-Arm, Rocker ●                          |
| 3    | 24 153 28-S  | 1    | O-Ring ●                                       | 20   | 24 072 09-S  | 8    | Stud<br>(M8X1.25Xm10X1.5X105Mm)<br>●         |
| 4    | 24 445 01-S  | 1    | Strap-Lifting ●                                | 21   | 24 468 16-S  | 8    | Washer-Flat (8.6 Mm) ●                       |
| 5    | 12 755 03-S  | 4    | Retainer Kit ●                                 | 22   | 24 100 10-S  | 8    | Nut-Flange (M8X1.25) ●                       |
| 6    | 12 173 01-S  | 4    | Cap-Spring, Valve ●                            | 23   | 66 086 07-S  | 4    | Screw ●                                      |
| 7    | 24 089 02-S  | 4    | Spring-Valve ●                                 | 24   | 24 755 140-S | 1    | Oil Fill Valve Cover Kit<br>(Includes 2-3) ● |
| 8    | 235011-S     | 4    | Retainer-Spring ●                              | 25   | 25 755 13-S  | 1    | Oil Fill Cap Kit (Includes 26)<br>●          |
| 9    | 66 032 05-S  | 2    | Seal-Stem, Valve ●                             | 26   | 25 153 02-S  | 1    | O-Ring ●                                     |
| 10   | 24 318 68-S  | 1    | No. 1 Cylinder Head ASM ●                      | 27   | 24 402 03-S  | 1    | Reed-Breather ●                              |
| 11   | 24 017 01-S  | 2    | Valve-Intake (STD) ●                           | 28   | 66 018 04-S  | 1    | Retainer-Reed ●                              |
| 11   | 24 017 02-S  | 2    | Valve-Intake (.25) ●                           | 29   | M-545010-S   | 1    | Screw-HHFTF (M5X.80X10)<br>●                 |
| 12   | 24 016 01-S  | 2    | Valve-Exhaust (STD) ●                          | 30   | 24 050 01-S  | 1    | Filter-Breather ●                            |
| 12   | 24 016 02-S  | 2    | Valve-Exhaust (.25) ●                          | 31   | 24 033 01-S  | 1    | Breather Kit (Includes<br>32-33) ●           |
| 13   | 24 755 66-S  | 1    | Valve Train Kit (Includes 15,<br>18-19) ●      | 32   | 24 041 51-S  | 1    | Gasket-Breather ●                            |
| 14   | 25 351 01-S  | 4    | Lifter-Valve ●                                 | 33   | 24 096 86-S  | 1    | Cover-Breather ●                             |
| 15   | 24 411 05-S  | 4    | Rod-Push ●                                     |      |              |      |                                              |
| 16   | 24 841 02-S  | 2    | Cylinder Head Gasket Kit<br>(Includes 21-22) ● |      |              |      |                                              |
| 17   | 24 318 71-S  | 1    | No. 2 Cylinder Head ASM ●                      |      |              |      |                                              |

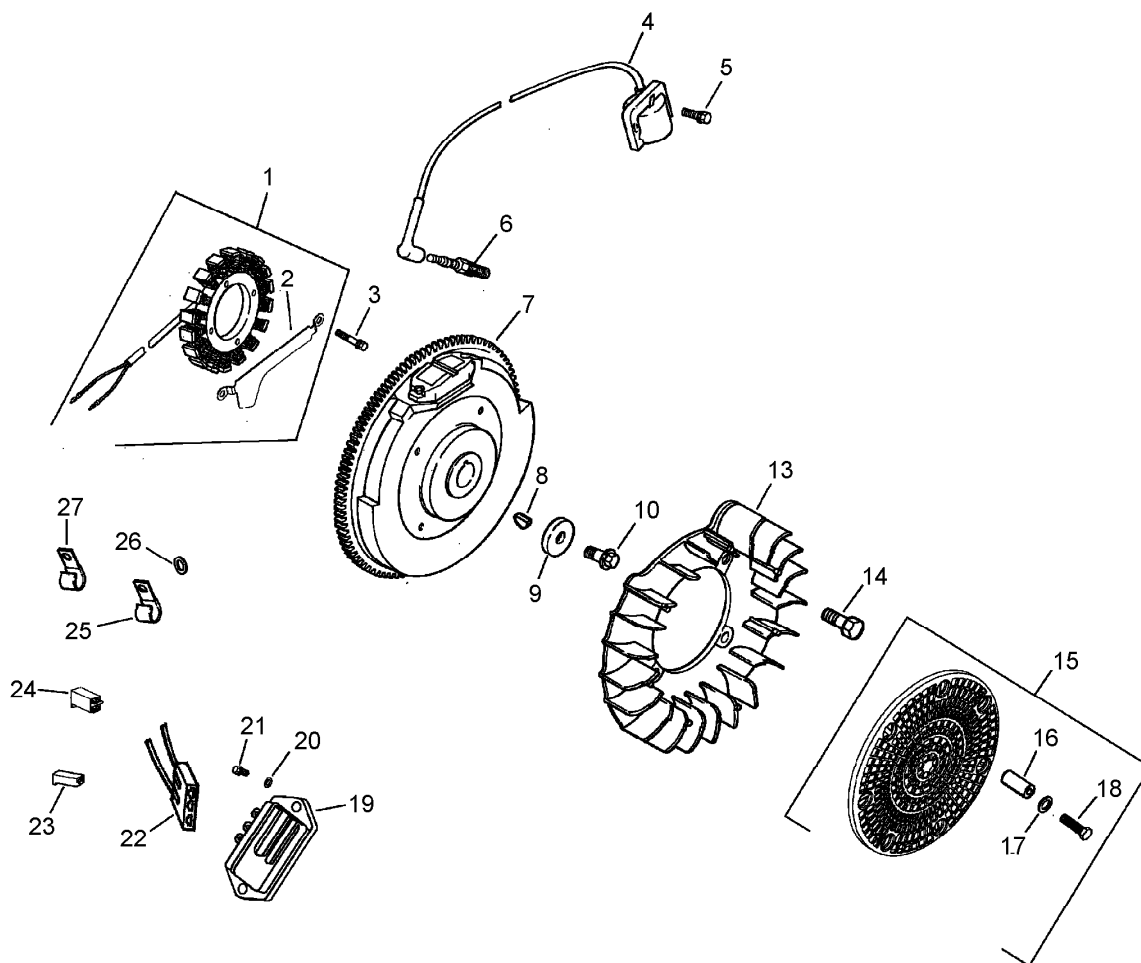
● Obtain parts from [www.kohlerplus.com](http://www.kohlerplus.com)



## Head / Valve / Breather Assembly Kohler CH23S 76585 (continued)

| Ref. | Part Number | Qty. | Description                  | Ref. | Part Number | Qty. | Description                |
|------|-------------|------|------------------------------|------|-------------|------|----------------------------|
| 34   | M-645020-S  | 4    | Screw-HHFTF (M6X1.0X20)<br>● | 35   | 25 237 14-S | 1    | Clamp-Hose, Spring (1/2) ● |
|      |             |      |                              | 36   | 24 326 26-S | 1    | Hose-Breather ●            |

● Obtain parts from [www.kohlerplus.com](http://www.kohlerplus.com)



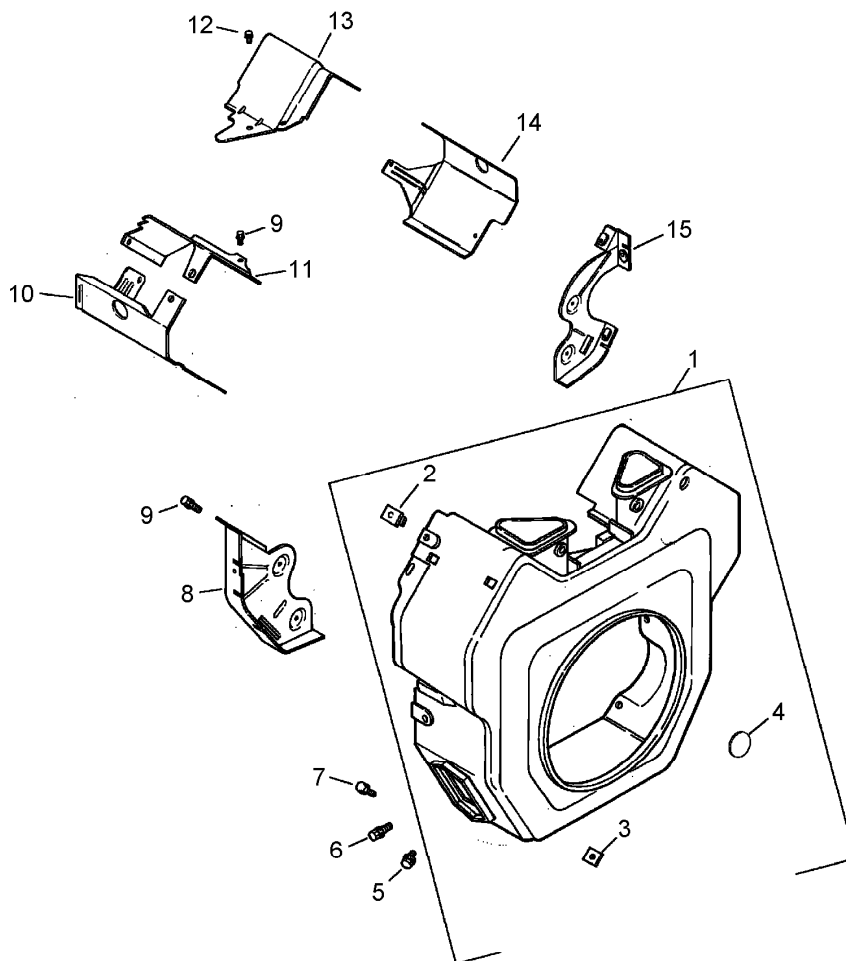
## Ignition / Electrical Assembly Kohler CH23S 76585

| Ref. | Part Number | Qty. | Description                                       |
|------|-------------|------|---------------------------------------------------|
| 1    | 54 755 09-S | 1    | 15 Amp Stator Kit (Includes 2) ■                  |
| 2    | 24 126 71-S | 1    | Bracket-Wire, Stator ■                            |
| 3    | M-548025-S  | 2    | Screw-Thread Forming (M5X0.8X25) ■                |
| 4    | 24 584 01-S | 2    | Module-Ignition ■                                 |
| 5    | M-545020-S  | 4    | Screw-Flange, Thread Forming (M5X.8X20) ■         |
| 6    | 25 132 12-S | 2    | Spark Plug (Pro Series) ■                         |
| 7    | 24 025 01-S | 1    | Flywheel ■                                        |
| 8    | X-42-15-S   | 1    | Key (3/16 X 5/8) ■                                |
| 9    | 12 468 03-S | 1    | Washer-Flat (13/32) ■                             |
| 10   | 12 086 14-S | 1    | Screw-Flange (M10X1.5X45) ■                       |
| 13   | 24 157 07-S | 1    | Fan ■                                             |
| 14   | 25 086 47-S | 4    | Bolt-Shoulder (M6X1.0X16) ■                       |
| 15   | 54 755 15-S | 1    | Grass Screen Kit (Includes 16-18 & 24 113 18-S) ■ |
| 16   | 24 112 04-S | 4    | Spacer ■                                          |

|    |             |   |                                     |
|----|-------------|---|-------------------------------------|
| 17 | X-25-92-S   | 4 | Washer-Flat (.188) ■                |
| 18 | M-403025-S  | 4 | Screw-Slotted Head (M4X0.7X25) ■    |
| 19 | 41 403 09-S | 1 | Rectifier-Regulator ■               |
| 20 | X-25-92-S   | 3 | Washer-Flat (.188) ■                |
| 21 | 24 086 18-S | 2 | Screw-Phl HD (11-16X.88) ■          |
| 22 | 277563-S    | 1 | Connector (1 Contact) ■             |
| 23 | 41 155 03-S | 1 | Connector ■                         |
| 24 | 235173-S    | 1 | Clip-Cable ■                        |
| 25 | X-25-63-S   | 1 | Washer-Flat (1/4) ■                 |
| 26 | 48 154 02-S | 1 | Clip-Cable ■                        |
|    | 24 126 37-S | 1 | Bracket-Strap, Ground ● ■           |
|    | 25 086 91-S | 2 | Screw-Wsh HD Tap (8-18X.50) ● ■     |
|    | 24 176 08-S | 1 | Harness-Wiring ● ■                  |
|    | 24 176 49-S | 1 | Harness-Wiring (Includes 18-19) ● ■ |
|    | 25 454 03-S | 2 | Tie-Wire ● ■                        |
|    | 24 113 18-S | 1 | Decal-Screen, Grass ● ■             |

● Not illustrated

■ Obtain parts from [www.kohlerplus.com](http://www.kohlerplus.com)

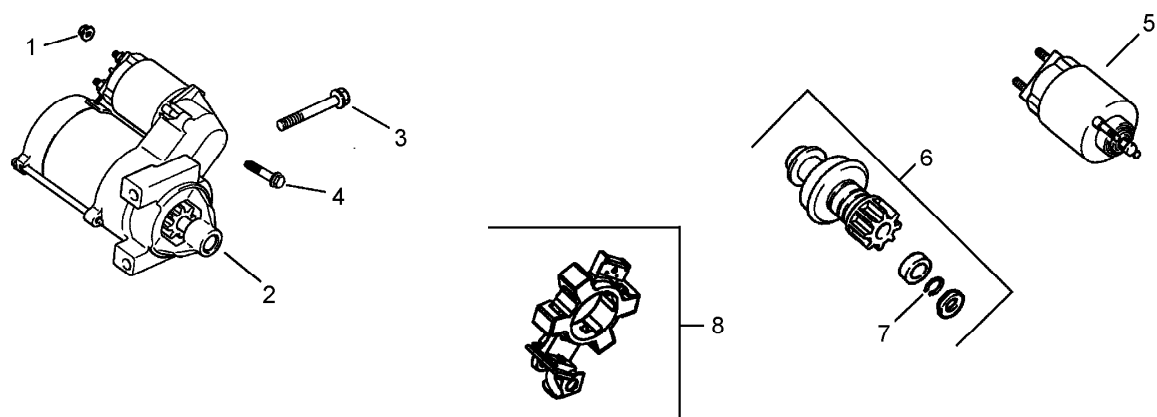


## Blower Housing and Baffle Assembly Kohler CH23S 76585

| Ref. | Part Number  | Qty. | Description                                |
|------|--------------|------|--------------------------------------------|
| 1    | 24 027 175-S | 1    | Blower Housing ASM (Includes 2-4) ■        |
| 2    | 24 100 01-S  | 3    | Nut-Plastic ■                              |
| 3    | 24 100 02-S  | 2    | Nut-Plastic ■                              |
| 4    | 25 139 16-S  | 1    | Plug-Button (9/16) ■                       |
| 5    | M-551016-S   | 1    | Screw-Hex Flange, Heavy (M5X0.8X16) ■      |
| 6    | M-545016-S   | 3    | Screw-Flange, Thread Forming (M5X0.8X16) ■ |
| 7    | M-545020-S   | 4    | Screw-Flange, Thread Forming (M5X.8X20) ■  |
| 8    | 24 146 16-S  | 1    | Plate-Backing (No. 2 Side) ■               |
| 9    | M-645016-S   | 6    | Screw-Flange, Thread Forming (M6X1.0X16) ■ |
| 10   | 24 063 20-S  | 1    | Baffle-Barrel, Cylinder (No. 2 Side) ■     |
| 11   | 24 063 17-S  | 1    | Baffle-Valley (No. 2 Side) ■               |
| 12   | M-545010-S   | 2    | Screw-HHFTF (M5X.80X10) ■                  |
| 13   | 24 063 59-S  | 1    | Baffle-Valley (No. 1 Side) ■               |
| 14   | 24 063 58-S  | 1    | Baffle-Barrel, Cylinder (No. 1 Side) ■     |
| 15   | 24 146 20-S  | 1    | Plate-Backing (No. 1 Side) ■               |
|      | 24 113 81-S  | 1    | Decal-23 HP ● ■                            |
|      | 25 113 39-S  | 1    | Decal-Laminate, Clear ● ■                  |

● Not illustrated

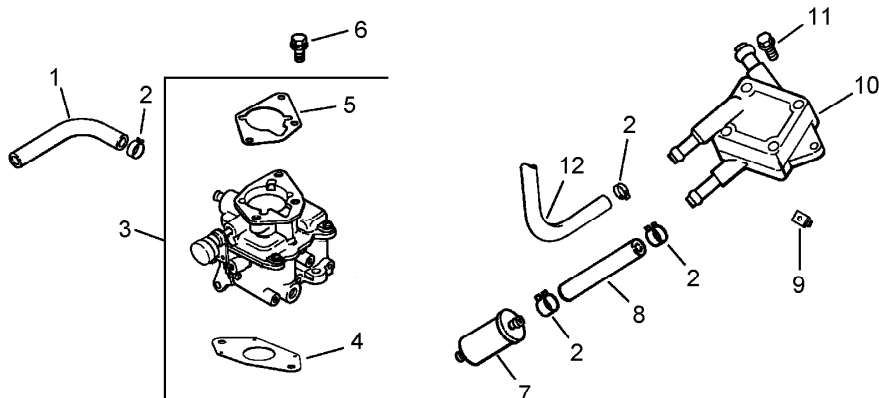
■ Obtain parts from [www.kohlerplus.com](http://www.kohlerplus.com)



## Starting System Assembly Kohler CH23S 76585

| Ref. | Part Number  | Qty. | Description                                 |
|------|--------------|------|---------------------------------------------|
| 1    | M-841080-S   | 1    | Nut-Flange (M8X1.25) ●                      |
| 2    | M-839080-S   | 2    | Screw-Flg (M8X1.25X80) ●                    |
| 3    | 25 098 09-S  | 1    | Starter Solenoid Shift ASM (Includes 4-8) ● |
| 4    | 25 086 113-S | 3    | Screw-Torx Head, External ●                 |
| 5    | 25 435 05-S  | 1    | Solenoid Kit (Includes 4) ●                 |
| 6    | 25 755 33-S  | 1    | Pinion Drive Kit (Includes 7) ●             |
| 7    | 25 141 05-S  | 1    | Ring-Retaining ●                            |
| 8    | 25 221 01-S  | 1    | Brush Holder Kit ●                          |

● Obtain parts from [www.kohlerplus.com](http://www.kohlerplus.com)

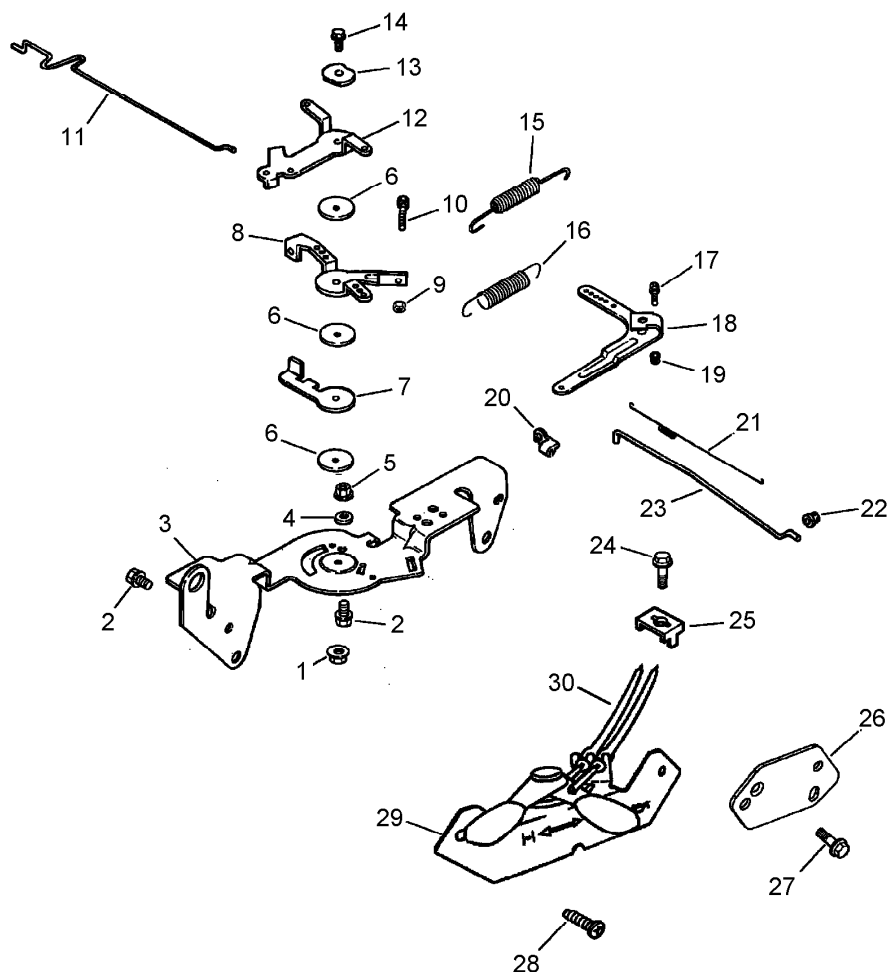


## Fuel System Assembly Kohler CH23S 76585

| Ref. | Part Number  | Qty. | Description                               |
|------|--------------|------|-------------------------------------------|
| 1    | 24 353 41-S  | 1    | Line-Fuel, 8-1/2In (Pump To Carburetor) ■ |
| 2    | 25 237 14-S  | 6    | Clamp-Hose, Spring (1/2) ■                |
| 3    | 24 853 59-S  | 1    | Carburetor Kit (Includes 4-5) ■           |
| 4    | 24 041 53-S  | 1    | Gasket-Carburetor ■                       |
| 5    | 24 041 06-S  | 1    | Gasket-Base, Air Cleaner ■                |
| 6    | M-651025-S   | 2    | Screw-HF (M6X1.0X25) ■                    |
| 7    | 24 050 05-S  | 1    | Filter-Fuel ■                             |
| 8    | 25 353 52-S  | 1    | Line-Fuel, 9-1/4In (Pump To Filter) ■     |
| 9    | 24 100 01-S  | 2    | Nut-Plastic ■                             |
| 10   | 24 393 16-S  | 1    | Pump-Fuel ■                               |
| 11   | 24 086 12-S  | 2    | Screw-TAP (M6X1.7X18) ■                   |
| 12   | 24 353 02-S  | 1    | Line-Fuel, Flexible (15.5) ■              |
|      | 24 518 24-S  | 1    | Lead-Ground ● ■                           |
|      | 24 757 01-S  | 1    | Solenoid Repair Kit ● ■                   |
|      | 24 757 02-S  | 1    | Float Repair Kit ● ■                      |
|      | 24 757 03-S  | 1    | Carburetor Repair Kit ● ■                 |
|      | 24 757 07-S  | 1    | Choke Repair Kit ● ■                      |
|      | 24 755 125-S | 1    | High Altitude Kit ● ■                     |

● Not illustrated

■ Obtain parts from [www.kohlerplus.com](http://www.kohlerplus.com)

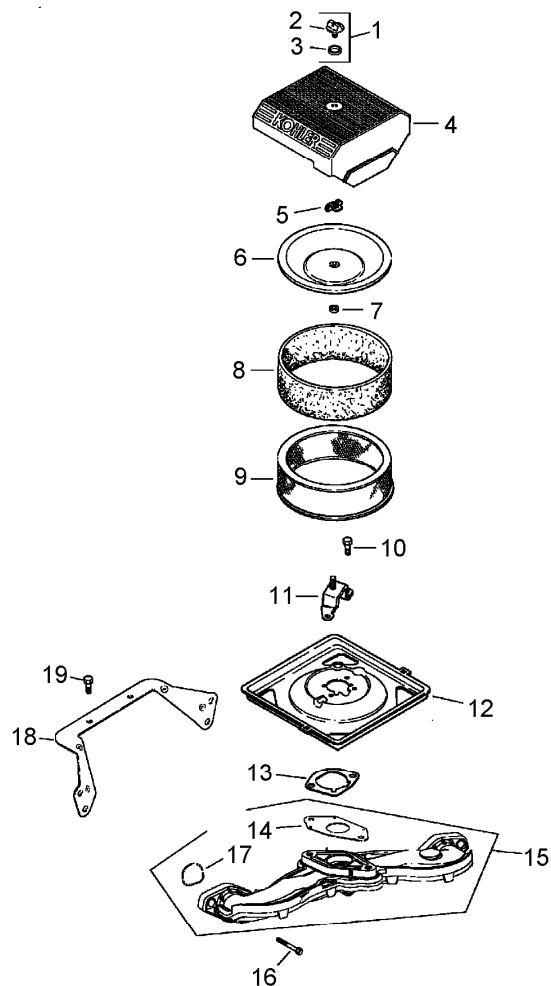


## Engine Control Assembly Kohler CH23S 76585

| Ref. | Part Number | Qty. | Description                                | Ref. | Part Number | Qty. | Description                       |
|------|-------------|------|--------------------------------------------|------|-------------|------|-----------------------------------|
| 1    | M-547050-S  | 1    | Nut-Lock (M5X.8) ■                         | 18   | 24 090 33-S | 1    | Lever-Governor ■                  |
| 2    | M-645016-S  | 4    | Screw-Flange, Thread Forming (M6X1.0X16) ■ | 19   | M-641060-S  | 1    | Nut-Flange (M6X1.0) ■             |
| 3    | 24 126 56-S | 1    | Bracket-Control ■                          | 20   | 25 158 11-S | 1    | Bushing-Retaining, Linkage ■      |
| 4    | X-20-1-S    | 1    | Washer-Lock (.25) ■                        | 21   | 24 089 01-S | 1    | Spring-Linkage ■                  |
| 5    | M-541050-S  | 1    | Nut-HF (M5X0.8) ■                          | 22   | 25 158 08-S | 1    | Bushing-Linkage, Throttle ■       |
| 6    | 24 468 01-S | 3    | Washer-Flat (5.5Mm) ■                      | 23   | 24 079 01-S | 1    | Linkage-Throttle ■                |
| 7    | 24 090 07-S | 1    | Lever-Actuator, Throttle ■                 | 24   | 24 086 43-S | 1    | Screw-Lbd, Thd Frm (M5X0.8X16) ■  |
| 8    | 24 090 13-S | 1    | Lever-Control, Throttle ■                  | 25   | 12 237 01-S | 1    | Clamp-Cable ■                     |
| 9    | M-446030-S  | 1    | Nut (M4X0.7) ■                             | 26   | 24 126 99-S | 1    | Bracket-Support, Cable ■          |
| 10   | M-401030-S  | 1    | Screw (M4X0.7X30) ■                        | 27   | M-545010-S  | 2    | Screw-HHFTF (M5X.80X10) ■         |
| 11   | 24 079 21-S | 1    | Linkage-Choke ■                            | 28   | 24 086 06-S | 2    | Screw-PPH (11-16X3/4) ■           |
| 12   | 24 090 05-S | 1    | Lever-Choke ■                              | 29   | 24 225 02-S | 1    | Control Cable ASM (Includes 29) ■ |
| 13   | 41 468 03-S | 1    | Washer-Spring (1/4) ■                      | 30   | 24 159 01-S | 1    | Cable-Speed, Engine ■             |
| 14   | M-545020-S  | 1    | Screw-Flange, Thread Forming (M5X.8X20) ■  |      | 24 113 92-S | 1    | Decal-Panel, Control ● ■          |
| 15   | 24 089 51-S | 1    | Spring-Limiter, Throttle ■                 |      |             |      |                                   |
| 16   | 24 089 48-S | 1    | Spring-Governor ■                          |      |             |      |                                   |
| 17   | 24 211 03-S | 1    | Bolt-Sq Neck, Rd HD (M6X1.0X25) ■          |      |             |      |                                   |

● Not illustrated

■ Obtain parts from [www.kohlerplus.com](http://www.kohlerplus.com)

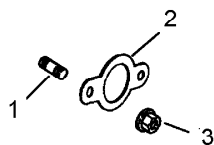


## Air Intake / Filtration Assembly Kohler CH23S 76585

| Ref. | Part Number  | Qty. | Description                                |
|------|--------------|------|--------------------------------------------|
| 1    | 54 755 01-S  | 1    | Knob Kit (Includes 2, 3) ■                 |
| 2    | 25 341 03-S  | 1    | Knob-Cover ■                               |
| 3    | 24 153 20-S  | 1    | O-Ring ■                                   |
| 4    | 24 096 67-S  | 1    | Cover-Cleaner, Air ■                       |
| 5    | 12 100 01-S  | 1    | Nut-Wing ■                                 |
| 6    | 24 096 01-S  | 1    | Cover-Air Cleaner, Inner ■                 |
| 7    | 230046-S     | 1    | Seal ■                                     |
| 8    | 24 083 05-S  | 1    | Pre-Cleaner ■                              |
| 9    | 24 083 03-S  | 1    | Element-Filter, Air ■                      |
| 10   | M-645016-S   | 3    | Screw-Flange, Thread Forming (M6X1.0X16) ■ |
| 11   | 24 126 141-S | 1    | Bracket-Base, Air Cleaner ■                |
| 12   | 24 094 37-S  | 1    | Base-Cleaner, Air ■                        |
| 13   | 24 041 06-S  | 1    | Gasket-Base, Air Cleaner ■                 |
| 14   | 24 041 53-S  | 1    | Gasket-Carburetor ■                        |
| 15   | 24 164 54-S  | 1    | Manifold-Intake (Includes 14, 17) ■        |
| 16   | M-651040-S   | 4    | Screw-Flange (M6X1.0X40) ■                 |
| 17   | 24 153 27-S  | 2    | O-Ring ■                                   |
| 18   | 24 126 130-S | 1    | Bracket-Base, Air Cleaner ■                |
| 19   | M-545010-S   | 2    | Screw-HHFTF (M5X.80X10) ■                  |
|      | 28 112 01-S  | 1    | Spacer ● ■                                 |
|      | M-641060-S   | 1    | Nut-Flange (M6X1.0) ● ■                    |

● Not illustrated

■ Obtain parts from [www.kohlerplus.com](http://www.kohlerplus.com)



## Exhaust Assembly Kohler CH23S 76585

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>     |
|-------------|--------------------|-------------|------------------------|
| 1           | 25 072 04-S        | 4           | Stud (M8X1.25X33) ■    |
| 2           | 24 041 49-S        | 2           | Gasket-Exhaust ■       |
| 3           | M-841080-S         | 4           | Nut-Flange (M8X1.25) ■ |
|             | 25 454 01-S        | 1           | Tie-Wire ● ■           |
|             | 24 782 27          | 1           | Miniblock ASM ● ■      |
|             | 24 755 113-S       | 1           | Gasket Set ● ■         |

● Not illustrated

■ Obtain parts from [www.kohlerplus.com](http://www.kohlerplus.com)

# Attachments and Accessories

## For 09200 ProCore 648 Aerator

| Product Name                                                        | Model/Part |
|---------------------------------------------------------------------|------------|
| Windrower Kit .....                                                 | 09220      |
| Tire Scraper Kit.....                                               | 09225      |
| Rear Roller Kit .....                                               | 09234      |
| Three-Tine Head Quick Lock .....                                    | 09711      |
| Four-Tine Head Quick Lock .....                                     | 09719      |
| 2 x 5 Mini Tine Head .....                                          | 09736      |
| 1 x 6 Mini Tine Head .....                                          | 09737      |
| Needle Tine Head .....                                              | 09739      |
| 3/4in Three-Tine Head .....                                         | 09794      |
| 3/4in Four-Tine Head .....                                          | 09796      |
| 7/8in Three-Tine Head .....                                         | 09797      |
| Red Gas Cap .....                                                   | 107-2173   |
| Yellow Hydraulic Fluid Cap (Tethered) .....                         | 107-2174   |
| Premium Engine Oil, 10w30 (55 Gallon Drum) .....                    | 108-1179   |
| Premium Engine Oil, 10w30 (5 Gallon Pail) .....                     | 108-1180   |
| Premium Transmission/Hydraulic Tractor Fluid (55 Gallon Drum).....  | 108-1183   |
| Premium Transmission/Hydraulic Tractor Fluid (5 Gallon Pail) .....  | 108-1184   |
| Premium All Purpose Grease (Tube) .....                             | 108-1190   |
| Coring Head Bearing Kit .....                                       | 108-2132   |
| Down Pressure Kit, 2004 - 2006 ProCore 648 Aerator .....            | 108-6842   |
| 3-Tine Turf Guard (Short).....                                      | 110-4357   |
| 3-Tine Turf Guard (Long) .....                                      | 110-4358   |
| 4-Tine Turf Guard (Short).....                                      | 110-4361   |
| 4-Tine Turf Guard (Long) .....                                      | 110-4362   |
| Mini Turf Guard (Short) .....                                       | 110-4365   |
| Mini Turf Guard (Long).....                                         | 110-4366   |
| 6-Tine Turf Guard (Short).....                                      | 110-4369   |
| 6-Tine Turf Guard (Long) .....                                      | 110-4370   |
| Titan Quick Lock Tool Kit, Three- or Four-Tine Head Quick Lock..... | 112-5137   |
| 60 LB Weight .....                                                  | 99-6166-01 |

**Notes:**



**Count on it.**