



Form No. 3357-132 Rev C

**Count on it.**

# Parts Catalog

## Dingo® 323 Compact Utility Loader

Model No. 22318—Serial No. 270000001 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.

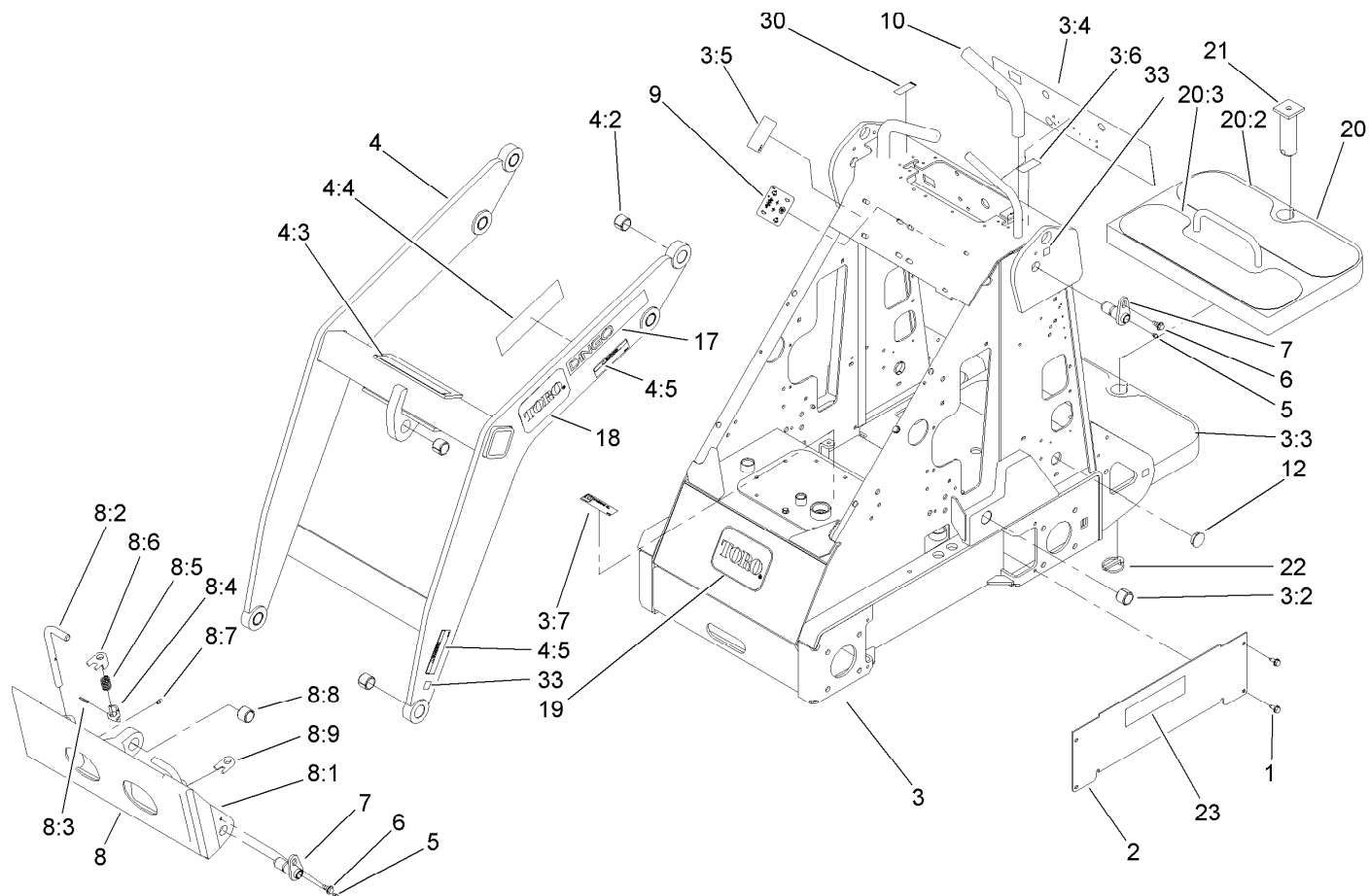
## Reference Numbers Indicating Quantity

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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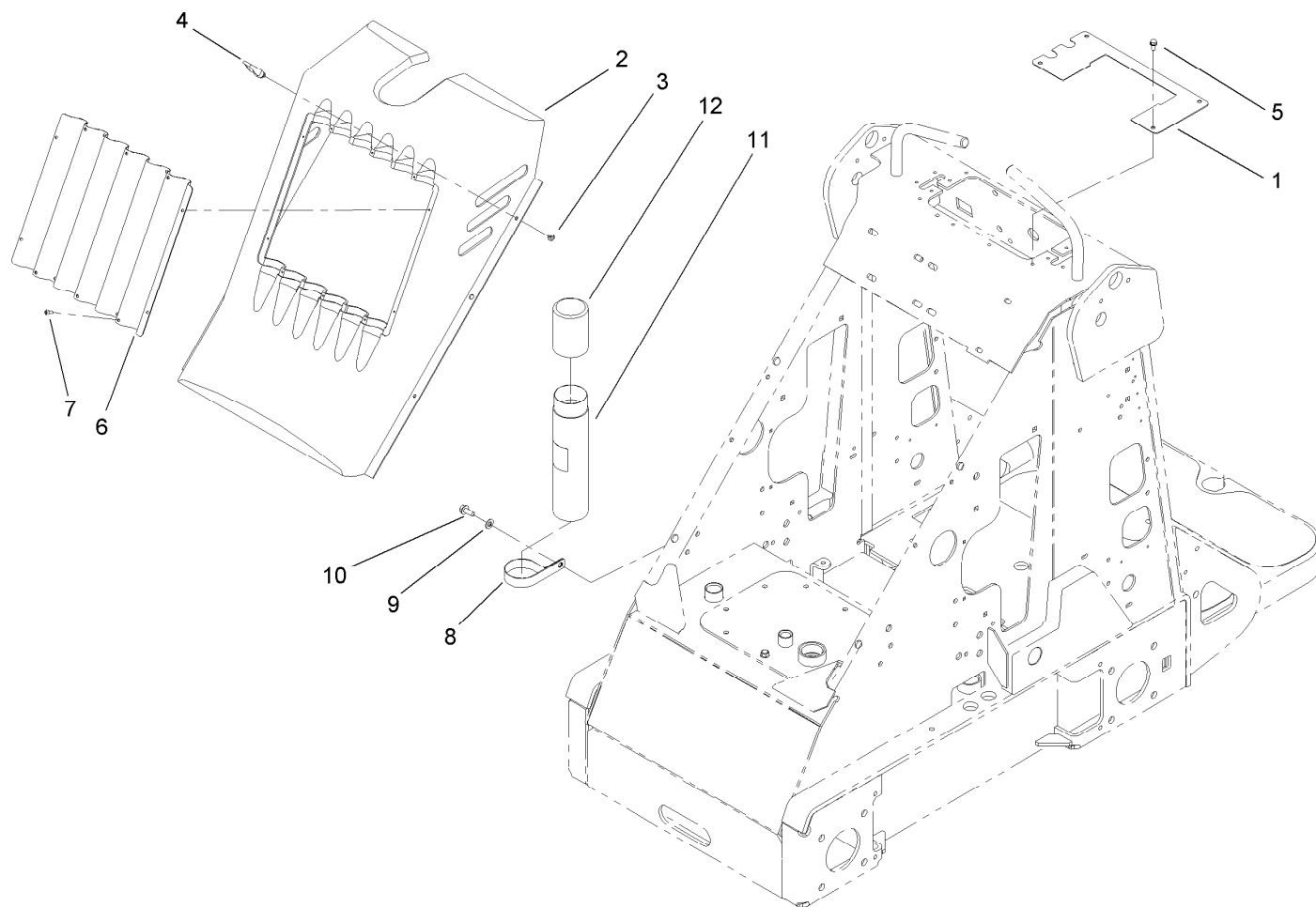
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## Frame and Loader Arm Assembly

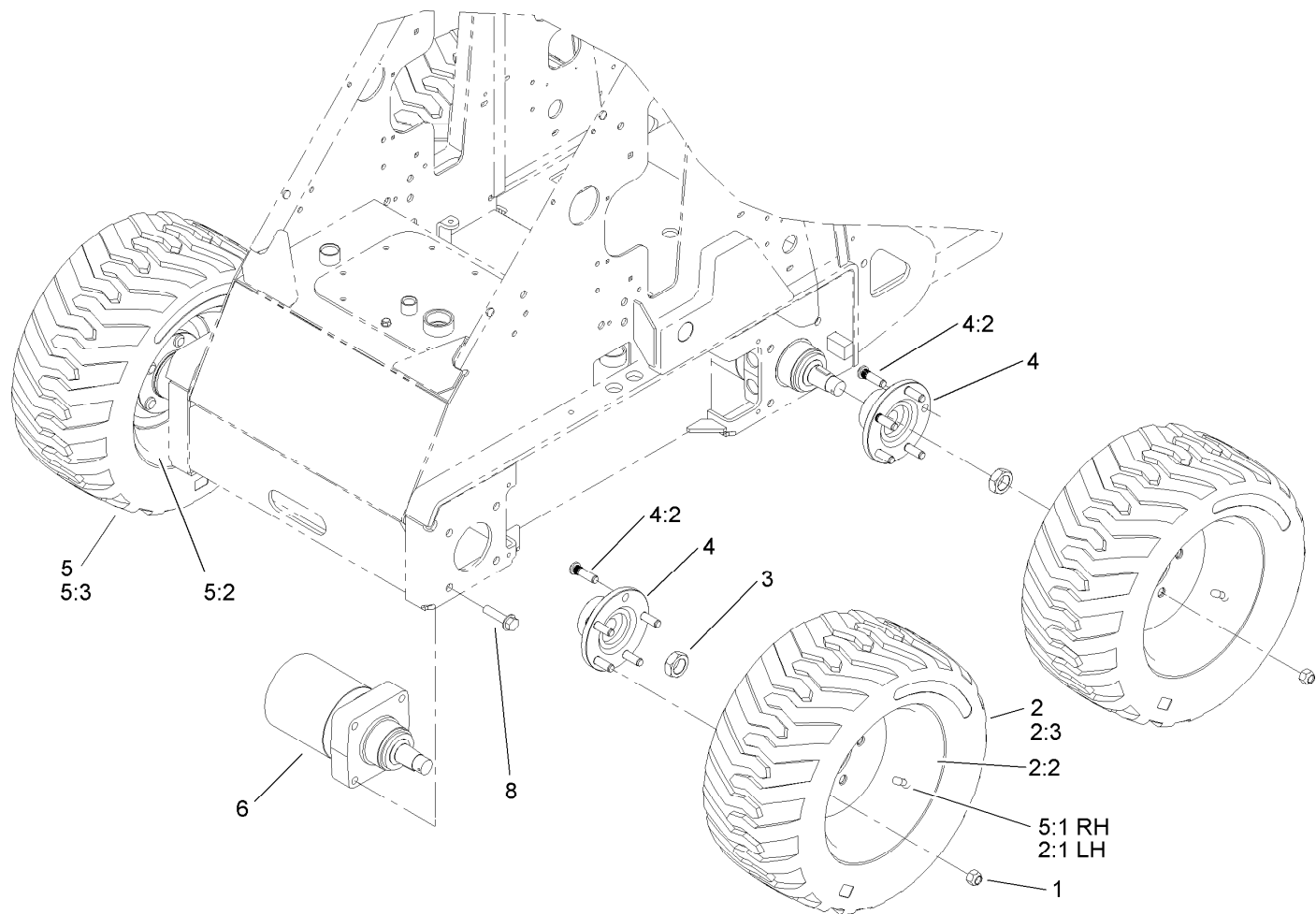
| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 32144-70    | 8    | Screw-HWHTF            |
| 2    | 106-8178-01 | 2    | Cover-Hose             |
| 3    | 108-9710    | 1    | Frame ASM              |
| 3:2  | 98-4871     | 2    | Bushing-Tension        |
| 3:3  | 98-9947     | 2    | Tread-Foot             |
| 3:4  | 108-9732    | 1    | Decal-Panel, Control   |
| 3:5  | 98-4677     | 1    | Decal-Power, Auxiliary |
| 3:6  | 98-8219     | 1    | Decal-Throttle         |
| 3:7  | 105-8432    | 1    | Decal-Oil, HYD         |
| 4    | 106-8155    | 1    | Loader ASM             |
| 4:2  | 98-4871     | 7    | Bushing-Tension        |
| 4:3  | 98-4682     | 1    | Decal-Caution          |
| 4:4  | 98-9051     | 1    | Decal-Danger           |
| 4:5  | 100-6141    | 4    | Decal-Pinch            |
| 5    | 302-5       | 4    | Fitting-Grease         |
| 6    | 99-5105     | 4    | Screw-Shoulder         |
| 7    | 112-2609    | 4    | Pin-Pivot              |
| 8    | 105-8364    | 1    | Quick Attach ASM       |
| 8:1  | 105-0245-03 | 1    | Mount-Attach, Quick    |
| 8:2  | 105-8367    | 2    | Pin-Locking            |
| 8:3  | 3285-1      | 2    | Pin-Grooved            |

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 8:4  | 105-0246    | 2    | Cam                   |
| 8:5  | 98-4694     | 2    | Spring-Compression    |
| 8:6  | 104-5909    | 1    | Stop-RH               |
| 8:7  | 302-5       | 2    | Fitting-Grease        |
| 8:8  | 98-4871     | 1    | Bushing-Tension       |
| 8:9  | 104-5903    | 1    | Stop-LH               |
| 9    | 108-9716    | 1    | Decal-Selector, Speed |
| 10   | 98-4845     | 2    | Grip-Cushion          |
| 12   | 94-1402     | 2    | Plug-Hole             |
| 17   | 105-8427    | 2    | Decal                 |
| 18   | 93-7340     | 2    | Decal                 |
| 19   | 62-5550     | 1    | Decal                 |
| 20   | 112-4947    | 1    | Counterweight ASM     |
| 20:2 | 98-9947     | 1    | Tread-Foot            |
| 20:3 | 112-4948    | 1    | Tread                 |
| 21   | 99-8638     | 1    | Pin                   |
| 22   | 99-9978     | 1    | Pin-Lynch             |
| 23   | 105-8429    | 2    | Decal                 |
| 30   | 94-2551     | 1    | Decal-Choke           |
| 33   | 93-9084     | 6    | Decal-Point, Lift     |



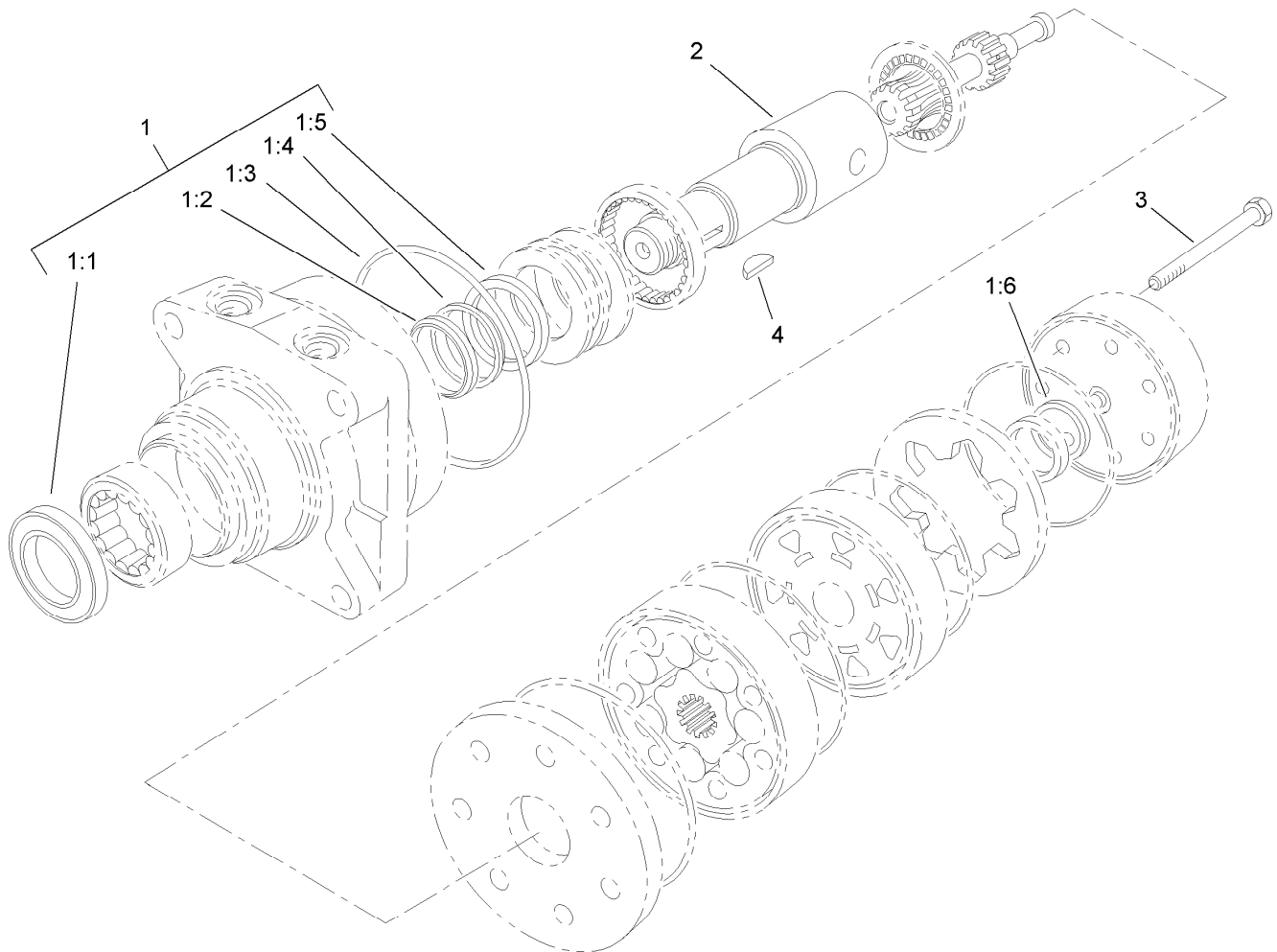
## Hood and Screen Assembly

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 108-9731-03        | 1           | Plate-Cover        |
| 2           | 99-3164            | 1           | Cover-Hood         |
| 3           | 99-3058            | 4           | Washer             |
| 4           | 74-5950            | 4           | Latch-Swell        |
| 5           | 32144-4            | 4           | Screw-HWH          |
| 6           | 99-3147-03         | 1           | Grille-Screen      |
| 7           | 32144-111          | 10          | Screw-PPH          |
| 8           | 2412-133           | 1           | Clamp-R            |
| 9           | 3256-23            | 1           | Washer-Plain       |
| 10          | 32144-70           | 1           | Screw-HWHTF        |
| 11          | 104-7050           | 1           | Tube-Manual        |
| 12          | 104-7048           | 1           | Cap-Housing        |



## Wheel and Motor Assembly

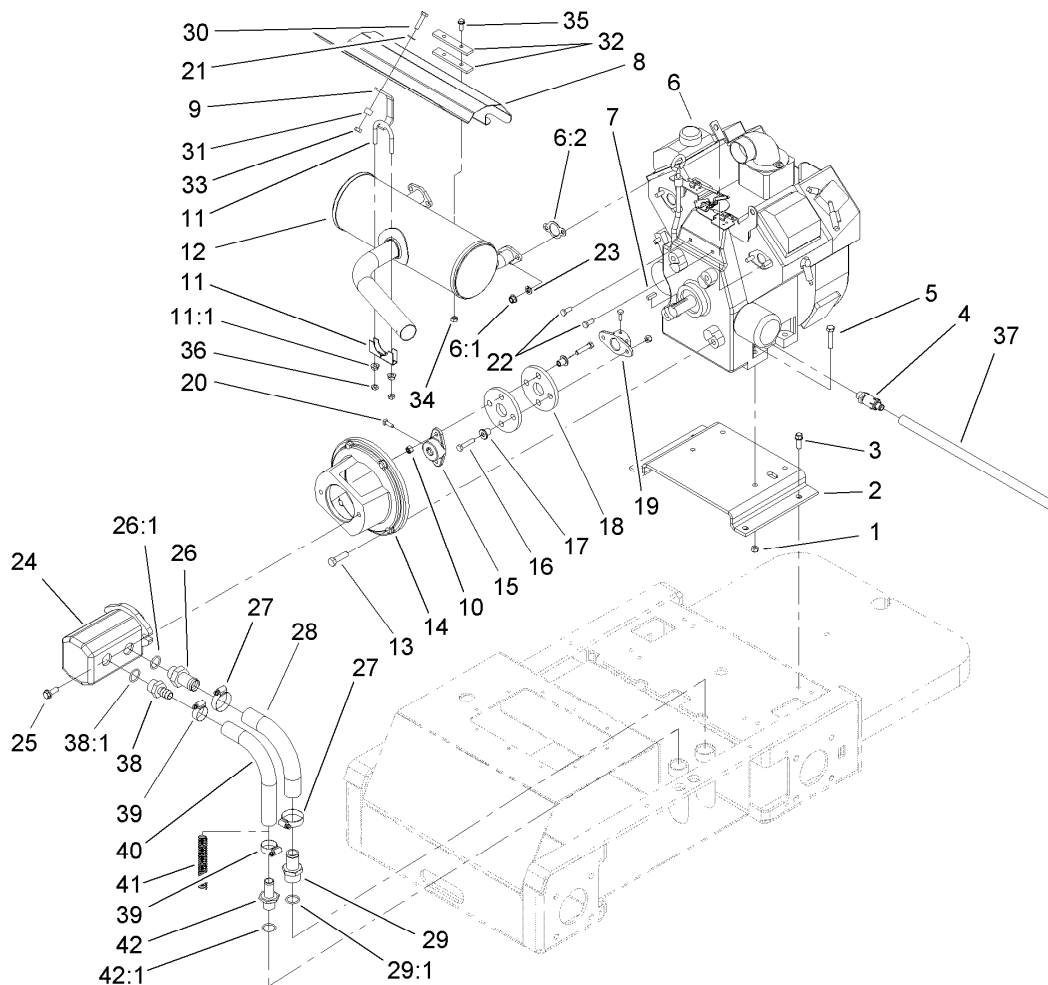
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 242-50      | 20   | Nut-Lug               |
| 2    | 98-2747     | 2    | LH Wheel And Tire ASM |
| 2:1  | 232-27      | 1    | Stem-Valve            |
| 2:2  | 98-2748     | 1    | Wheel                 |
| 2:3  | 98-2749     | 1    | Tire                  |
| 3    | 106-8159    | 4    | Nut-Lock              |
| 4    | 99-3064     | 4    | Hub ASM               |
| 4:2  | 10-6830     | 5    | Stud-Type, Drive      |
| 5    | 99-1447     | 2    | RH Wheel And Tire ASM |
| 5:1  | 232-27      | 1    | Stem-Valve            |
| 5:2  | 98-2748     | 1    | Wheel                 |
| 5:3  | 98-2749     | 1    | Tire                  |
| 6    | 99-3052     | 4    | HYD Motor ASM         |
| 8    | 3234-27     | 16   | Screw-HHF             |



## Hydraulic Motor Assembly No. 99-3052

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 94-8178     | 1    | Seal Kit              |
| 1:1  |             | 1    | Seal-Dirt And Water ● |
| 1:2  |             | 1    | Washer-Backup ●       |
| 1:3  |             | 5    | Seal-Ring ●           |
| 1:4  |             | 1    | Washer-Backup ●       |
| 1:5  |             | 1    | Seal-Inner ●          |
| 1:6  |             | 1    | Seal-Commutator ●     |
| 2    | 99-3090     | 1    | Shaft-Coupling        |
| 3    | 99-3091     | 7    | Screw-Cap, HH         |
| 4    | 3257-42     | 1    | Key-Woodruff          |

● Not serviced separately

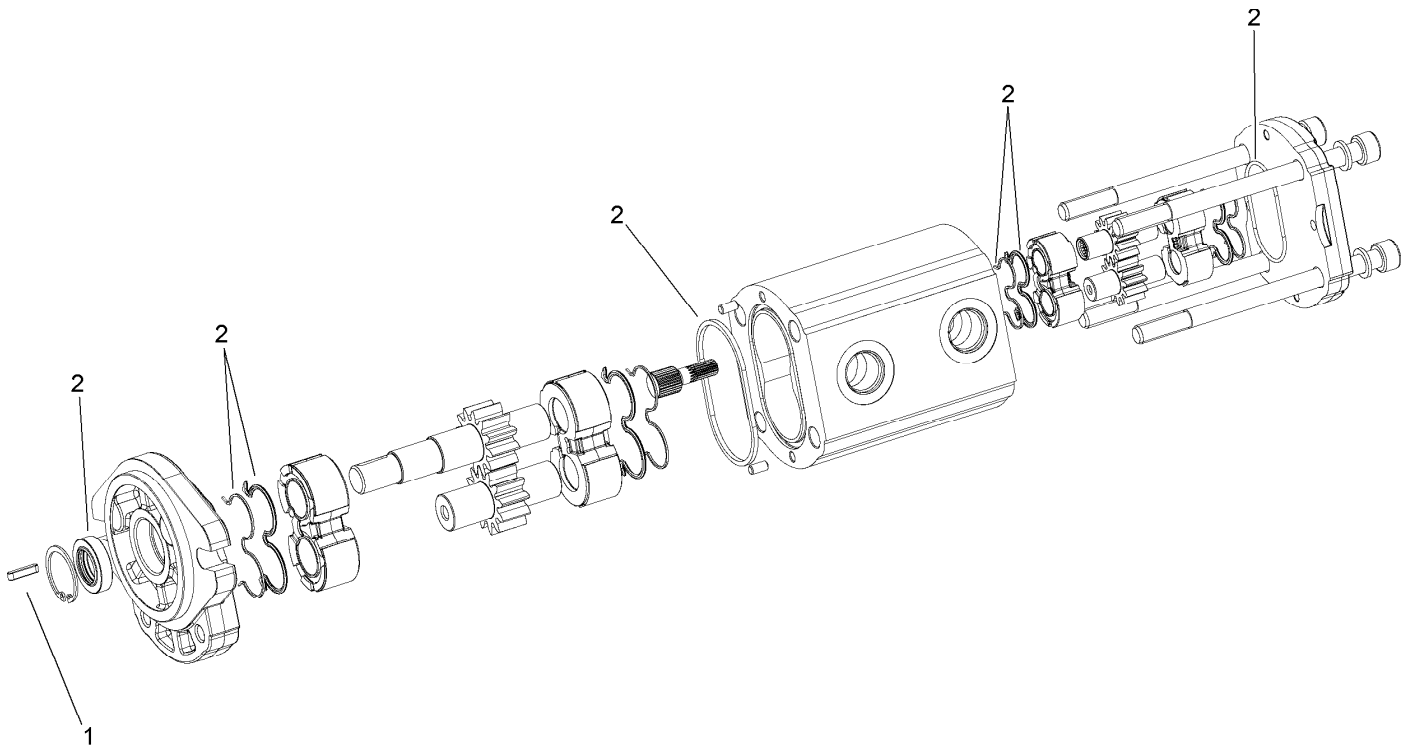


## Engine and Pump Assembly

| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 1    | 3296-39     | 4    | Nut-Lock, NI              |
| 2    | 98-4666-03  | 1    | Mount-Engine              |
| 3    | 95-1726     | 4    | Screw-Taptite             |
| 4    | 92-6877     | 1    | Valve-Drain, Oil          |
| 5    | 323-9       | 4    | Screw-HH                  |
| 6    |             | 1    | Engine-Kohler, Ch680-3015 |
| 6:1  | 92-6780     | 4    | Nut-HF                    |
| 6:2  | 93-0350     | 2    | Gasket-Exhaust            |
| 7    | 10-7070     | 1    | Key-Square                |
| 8    | 99-3115-03  | 1    | Shield-Muffler            |
| 9    | 99-3138-03  | 1    | Support-Shield            |
| 10   | 3296-29     | 4    | Nut-Lock, NI              |
| 11   | 2112-9      | 1    | Clamp                     |
| 11:1 | 32128-20    | 2    | Nut-HF                    |
| 12   | 105-8381    | 1    | Muffler                   |
| 13   | 324-6       | 4    | Screw-HH                  |
| 14   | 98-2751-03  | 1    | Mount-Pump                |
| 15   | 98-4701     | 1    | Hub-Pump                  |
| 16   | 322-7       | 4    | Screw-HH                  |
| 17   | 71-4411     | 4    | Spacer                    |
| 18   | 44-2230     | 2    | Coupling-Rubber           |
| 19   | 27-1960     | 1    | Hub-Engine                |
| 20   | 3241-6      | 4    | Screw-SQH                 |
| 21   | 3256-23     | 1    | Washer-Plain              |

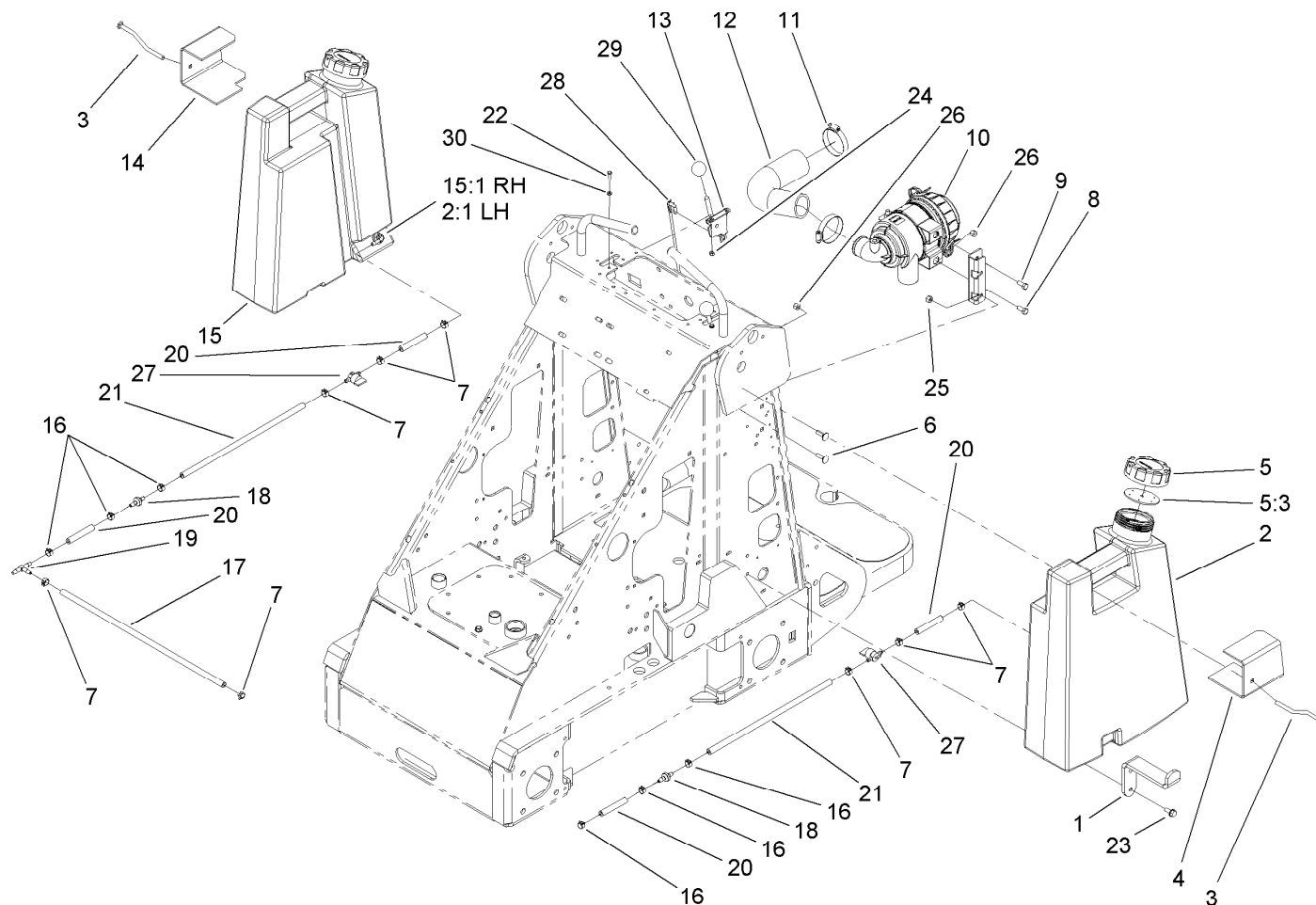
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 22   | 33114-020   | 2    | Screw-HH             |
| 23   | 3253-4      | 4    | Washer-Lock          |
| 24   | 108-4710    | 1    | HYD Pump ASM         |
| 25   | 66-9300     | 2    | Screw-HHF            |
| 26   | 99-3017     | 1    | Fitting              |
| 26:1 | 237-81      | 1    | O-Ring               |
| 27   | 2412-111    | 2    | Clamp-Hose, W/Liner  |
| 28   | 99-3046     | 1    | Hose-Suction, Formed |
| 29   | 354-78      | 1    | Fitting-STR          |
| 29:1 | 237-146     | 1    | O-Ring               |
| 30   | 322-6       | 1    | Screw-HH             |
| 31   | 98-4695     | 1    | Spacer               |
| 32   | 99-3116-03  | 2    | Spacer-Bar           |
| 33   | 32152-1     | 1    | Nut-Lock, Cone       |
| 34   | 32152-4     | 2    | Nut-Lock, Cone       |
| 35   | 3234-21     | 2    | Screw-HHF            |
| 36   | 3218-2      | 2    | Nut-Hex Jam          |
| 37   | 98-4667     | 1    | Hose                 |
| 38   | 354-73      | 1    | Fitting              |
| 38:1 | 237-81      | 1    | O-Ring               |
| 39   | 2412-129    | 2    | Clamp-Hose           |
| 40   | 98-2713     | 1    | Hose-Suction, HYD    |
| 41   | 99-5349     | 1    | Spring-Compression   |
| 42   | 99-6932     | 1    | Fitting-STR          |
| 42:1 | 237-117     | 1    | O-Ring               |

● Not serviced separately



## Hydraulic Motor Assembly No. 108-4710

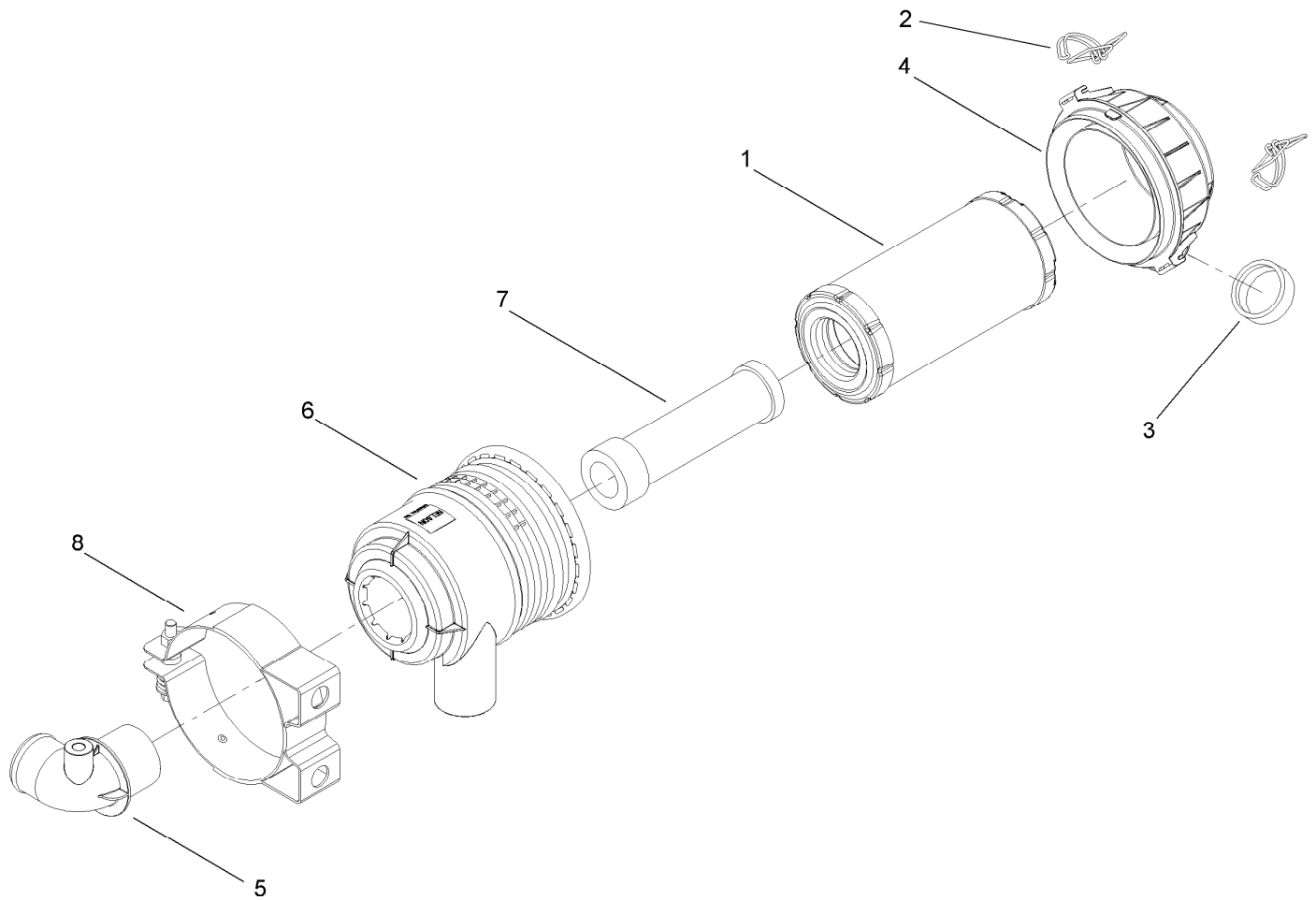
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 98-4700            | 1           | Key-Square         |
| 2           | 99-1353            | 1           | Seal Kit           |



## Fuel Tank and Air Filter Assembly

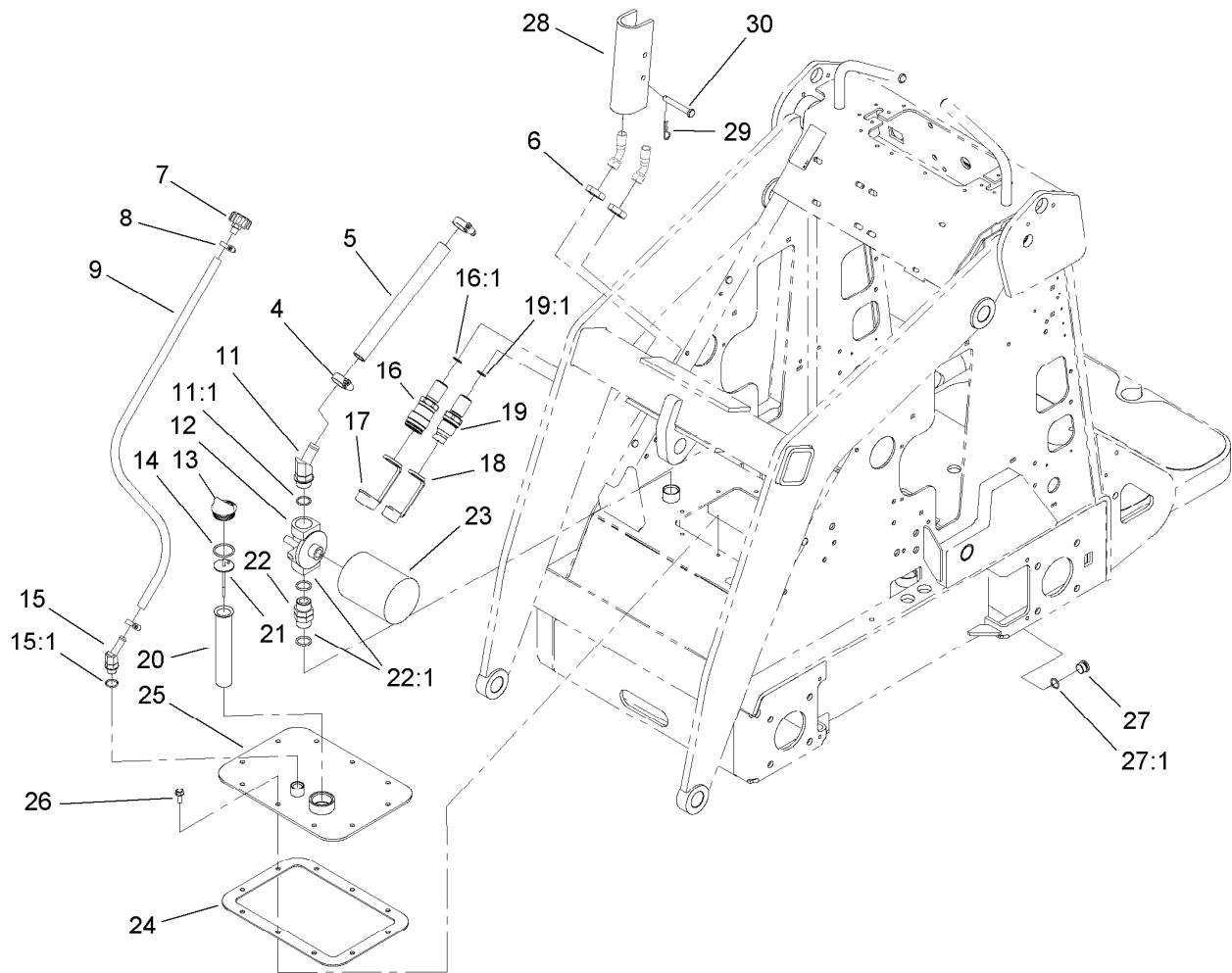
| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 98-4656-03  | 2    | Mount-Bottom, Tank     |
| 2    | 105-8439    | 1    | LH Fuel Tank ASM       |
| 2:1  | 103-2605    | 1    | Fitting-Fuel, Bulkhead |
| 3    | 98-4657     | 2    | Bolt-Mount             |
| 4    | 99-1444-03  | 1    | Plate-Mount, Left      |
| 5    | 104-7418    | 2    | Cap-Fuel, Gas          |
| 5:3  | 104-7420    | 1    | Gasket-Vented          |
| 6    | 3230-2      | 2    | Bolt-CARR              |
| 7    | 2412-98     | 7    | Clamp-Hose             |
| 8    | 322-3       | 2    | Screw-HH               |
| 9    | 99-3080-03  | 1    | Mount-Cleaner, Air     |
| 10   | 99-3160     | 1    | Air Cleaner ASM        |
| 11   | 2412-42     | 2    | Clamp-Hose             |
| 12   | 99-3148     | 1    | Hose-Air               |
| 13   | 108-9730    | 2    | Lever-Control          |
| 14   | 98-4655-03  | 1    | Plate-Mount            |
| 15   | 105-8440    | 1    | RH Fuel Tank ASM       |

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 15:1 | 103-2605    | 1    | Fitting-Fuel, Bulkhead |
| 16   | 92-2379     | 7    | Clamp-Hose             |
| 17   | 110-5701    | 1    | Hose-Fuel              |
| 18   | 99-5000     | 2    | Valve-Check, Fuel      |
| 19   | 99-5005     | 1    | Fitting-Tee, Barbed    |
| 20   | 109-0304    | 4    | Hose-Fuel              |
| 21   | 109-0296    | 2    | Hose-Fuel              |
| 22   | 3290-134    | 4    | Screw                  |
| 23   | 32144-70    | 4    | Screw-HWHTF            |
| 24   | 32149-7     | 4    | Nut-Keps               |
| 25   | 32128-20    | 2    | Nut-HF                 |
| 26   | 3296-29     | 4    | Nut-Lock, NI           |
| 27   | 1-603770    | 2    | Valve-Fuel             |
| 28   | 108-4718    | 2    | Cable-Control          |
| 29   | 233-42      | 2    | Knob                   |
| 30   | 3256-51     | 4    | Washer-Flat            |



## Air Cleaner Assembly No. 99-3160

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>   |
|-------------|--------------------|-------------|----------------------|
| 1           | 99-3173            | 1           | Element-Filter, Air  |
| 2           | 99-3174            | 2           | Clip-Cleaner, Air    |
| 3           | 99-3175            | 1           | Valve-Ejector, Dust  |
| 4           | 99-3176            | 1           | Cover                |
| 5           | 99-3183            | 1           | Tube ASM             |
| 6           | 99-3184            | 1           | Housing              |
| 7           | 99-3198            | 1           | Filter-Safety        |
| 8           | 99-3197            | 1           | Mounting Bracket ASM |

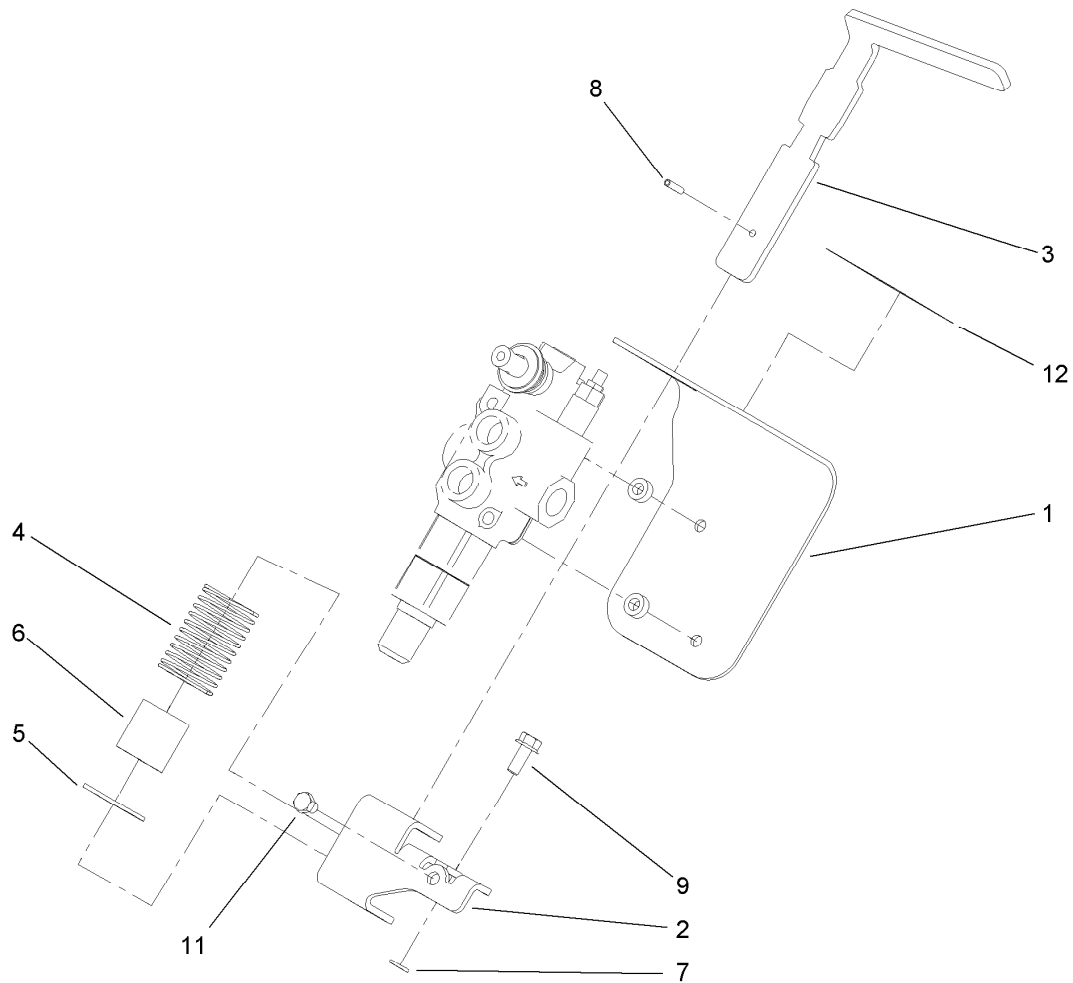


## Hydraulic Tank and Filter Assembly

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 4    | 2412-129    | 2    | Clamp-Hose            |
| 5    | 98-4745     | 1    | Hose-HYD, Suction, Hi |
| 6    | 340-74      | 2    | Nut-Lock, Bulkhead    |
| 7    | 68-6150     | 1    | Breather              |
| 8    | 2412-36     | 2    | Clamp-Hose            |
| 9    | 98-2708     | 1    | Hose-Vent             |
| 11   | 354-127     | 1    | Fitting-Elbow45       |
| 11:1 | 237-81      | 1    | O-Ring                |
| 12   | 92-5821     | 1    | Head-Filter           |
| 13   | 93-7498     | 1    | Plug-Plastic          |
| 14   | 237-123     | 1    | O-Ring                |
| 15   | 354-126     | 1    | Fitting-Elbow, 45     |
| 15:1 | 237-79      | 1    | O-Ring                |
| 16   | 105-8394    | 1    | Bulkhead Coupler ASM  |
| 16:1 | 237-65      | 1    | O-Ring                |
| 16:2 | 105-8396    | 1    | Seal Kit ●            |
| 17   | 100-8816    | 1    | Cap-Dust, Coupler     |

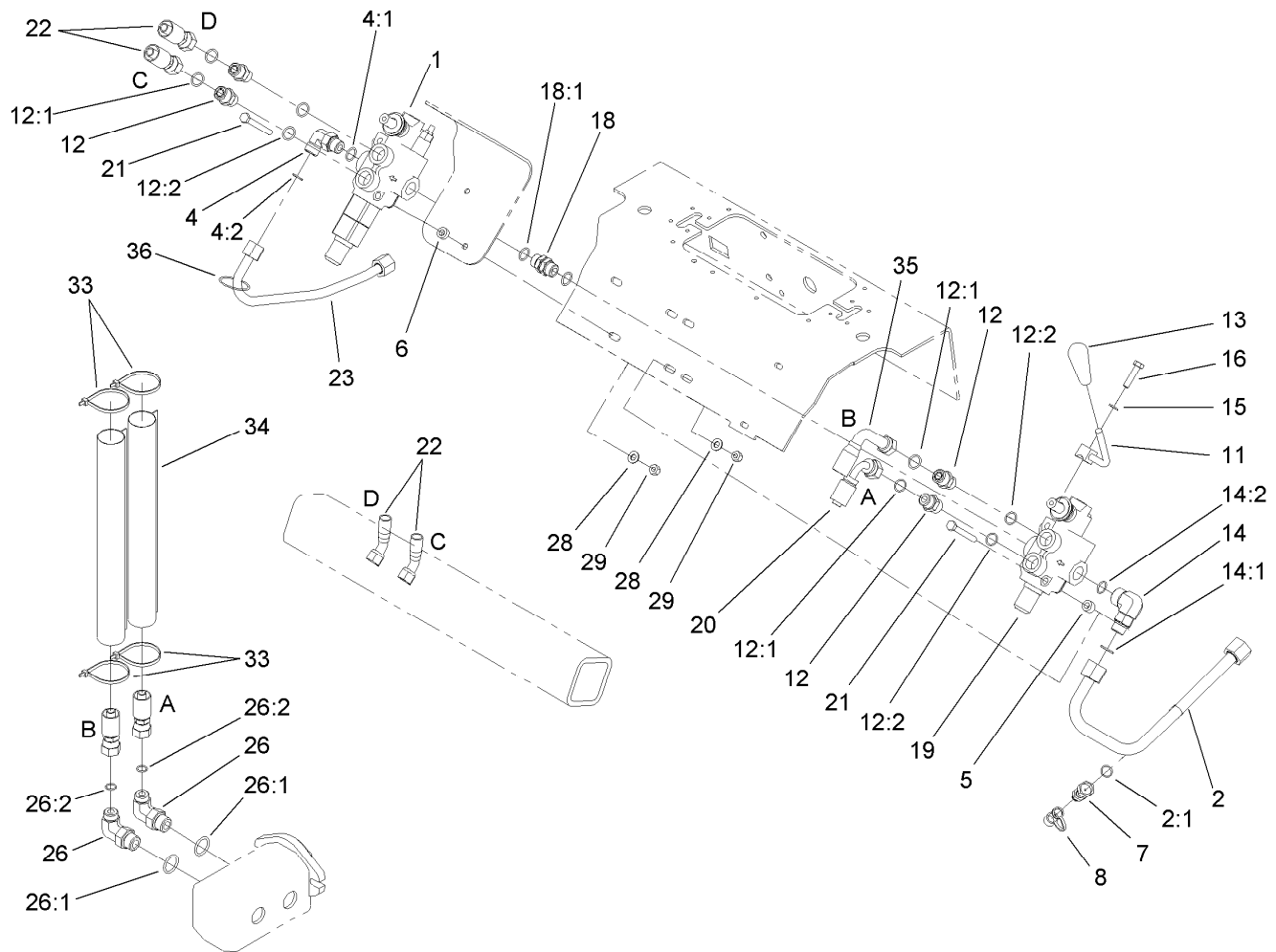
| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 18   | 100-8815    | 1    | Cap-Dust, Nipple         |
| 19   | 105-8395    | 1    | Bulkhead Nipple ASM      |
| 19:1 | 237-65      | 1    | O-Ring                   |
| 19:2 | 100-6120    | 1    | Seal Kit ●               |
| 20   | 61-2790     | 1    | Filter-Screen            |
| 21   | 100-2097    | 1    | Dipstick-Oil             |
| 22   | 98-9906     | 1    | Fitting-Thread, Straight |
| 22:1 | 237-81      | 2    | O-Ring                   |
| 23   | 54-0110     | 1    | Filter-Oil, Transmission |
| 24   | 98-9927     | 1    | Gasket-Cover             |
| 25   | 100-1713-01 | 1    | Cover                    |
| 26   | 98-9940     | 10   | Screw-HHF                |
| 27   | 353-988     | 1    | Plug-Hex                 |
| 27:1 | 237-79      | 1    | O-Ring                   |
| 28   | 98-4675-01  | 2    | Lock-Cylinder            |
| 29   | 3290-467    | 2    | Pin-Hair                 |
| 30   | 283-52      | 2    | Pin-Clevis               |

● Not illustrated



## Auxiliary Control Lever Assembly

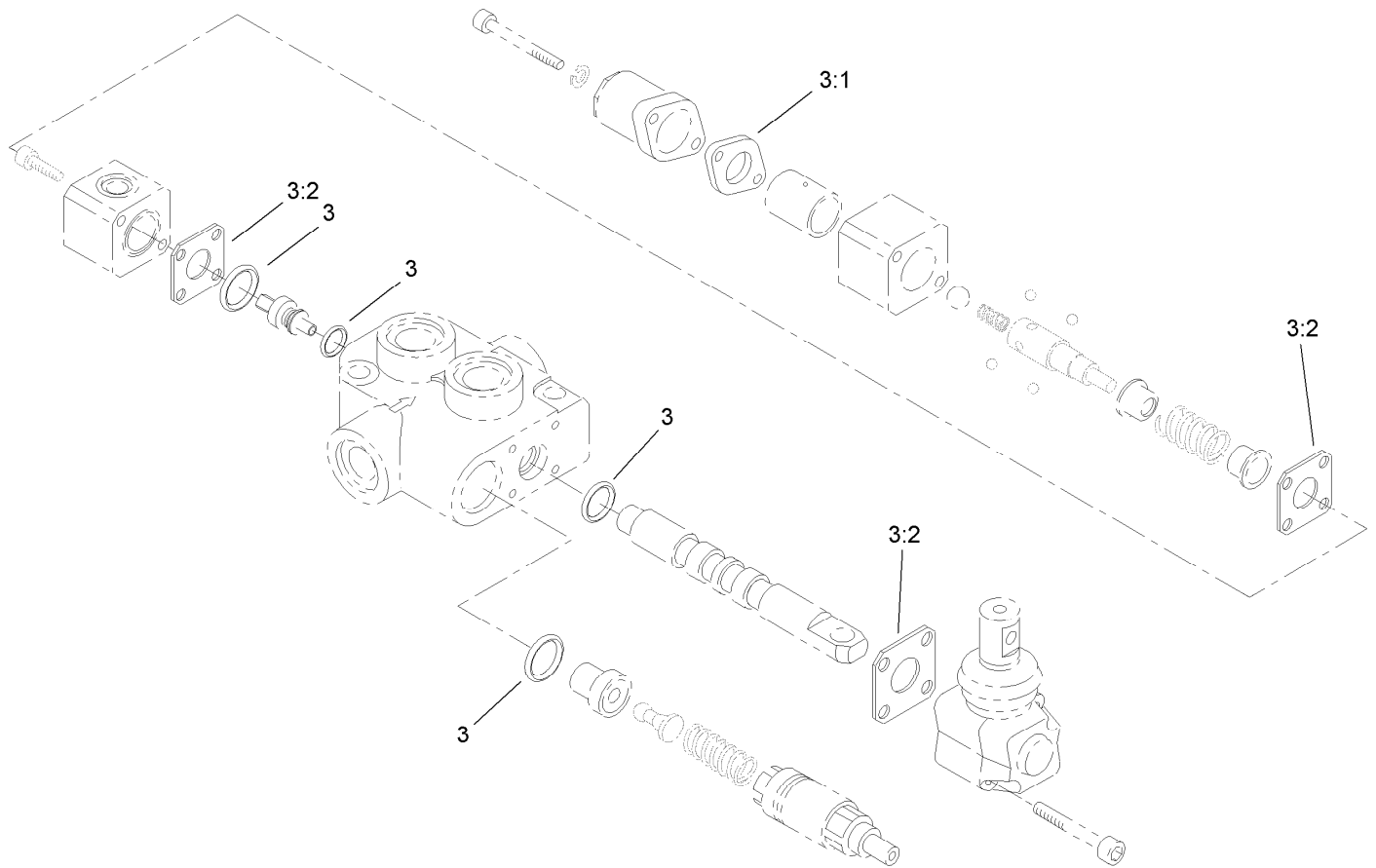
| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    | 110-0121-03 | 1    | Bracket-Auxiliary          |
| 2    | 110-0122-03 | 1    | Mount-Lever, Auxiliary     |
| 3    | 110-0123    | 1    | Handle-Lever, Auxiliary    |
| 4    | 110-0124    | 1    | Spring                     |
| 5    | 110-0125    | 1    | Retainer-Spring, Auxiliary |
| 6    | 110-0160    | 1    | Tube-Spring                |
| 7    | 3253-4      | 1    | Washer-Lock                |
| 8    | 32121-3     | 1    | Pin-Spring                 |
| 9    | 33104-020   | 1    | Screw-HHF                  |
| 11   | 33114-010   | 1    | Screw-HH                   |
| 12   | 108-4733    | 1    | Decal-Auxiliary            |



## Hydraulic Valve Assembly

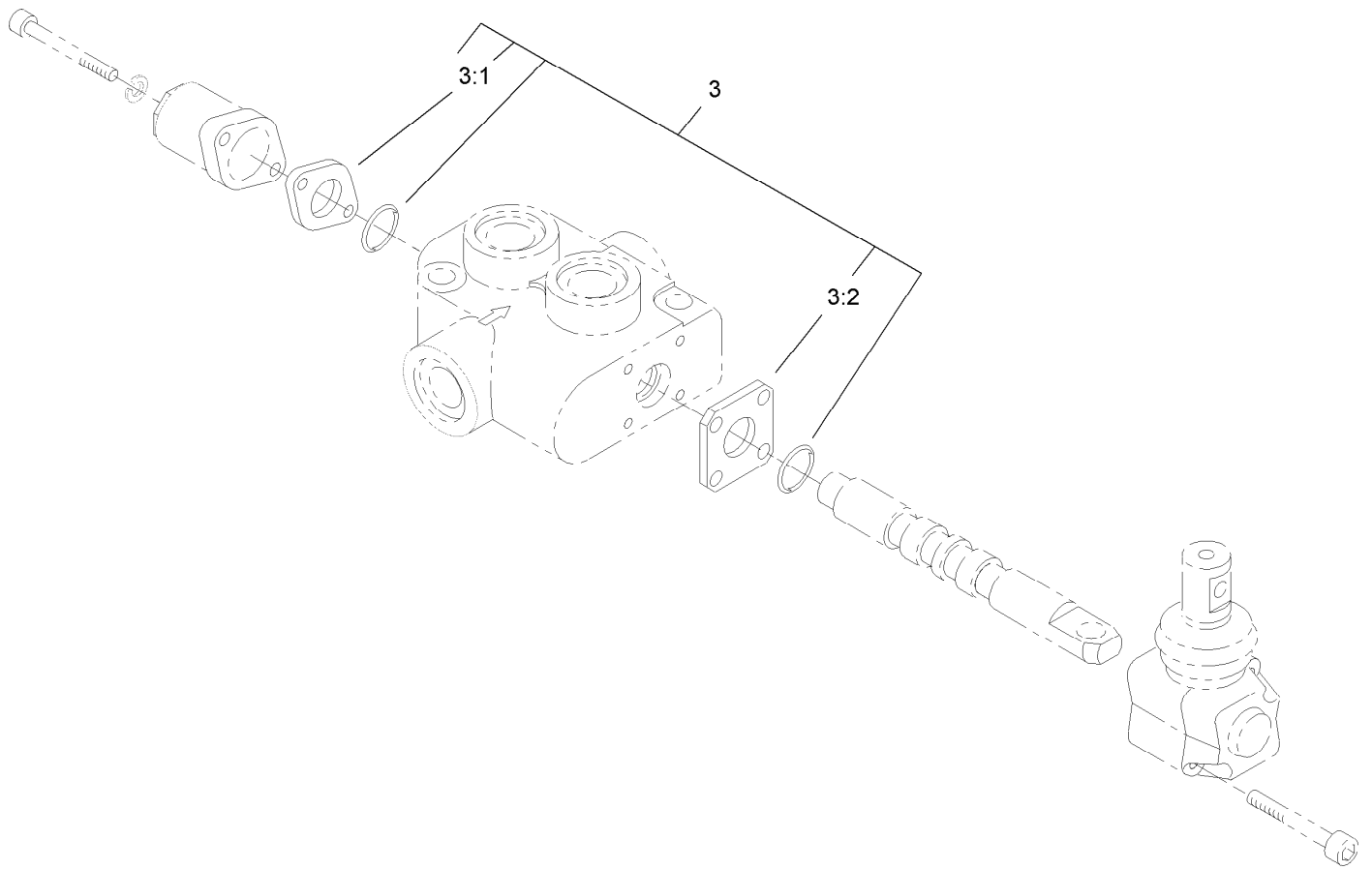
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 99-3077     | 1    | Valve-HYD, Auxiliary  |
| 2    | 108-4716    | 1    | HYD Tube ASM          |
| 2:1  | 237-22      | 1    | O-Ring                |
| 4    | 340-98      | 1    | Fitting-Elbow, 90 DEG |
| 4:1  | 237-79      | 1    | O-Ring                |
| 4:2  | 237-30      | 1    | O-Ring                |
| 5    | 98-4695     | 2    | Spacer                |
| 6    | 100-2085    | 2    | Spacer                |
| 7    | 86-5480     | 1    | Nipple-Test           |
| 8    | 354-79      | 1    | Cap-Dust              |
| 11   | 108-9709-03 | 1    | Lever-Control         |
| 12   | 340-4       | 4    | Fitting-Straight      |
| 12:1 | 237-30      | 1    | O-Ring                |
| 12:2 | 237-79      | 1    | O-Ring                |
| 13   | 98-0152     | 1    | Knob-Tapered          |
| 14   | 340-153     | 1    | Fitting-Elbow, 90 DEG |
| 14:1 | 237-79      | 1    | O-Ring                |
| 14:2 | 237-151     | 1    | O-Ring                |

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 15   | 3253-4      | 1    | Washer-Lock              |
| 16   | 33114-035   | 1    | Screw-HH                 |
| 18   | 95-3209     | 1    | Fitting-Thread, Straight |
| 18:1 | 237-79      | 2    | O-Ring                   |
| 19   | 99-3072     | 1    | Valve-Selector, HYD      |
| 20   | 98-4747     | 1    | Hose-HYD                 |
| 21   | 322-12      | 4    | Screw-HH                 |
| 22   | 100-8817    | 2    | Hose-HYD                 |
| 23   | 105-7879    | 1    | Tube-HYD                 |
| 26   | 340-105     | 2    | Fitting-Elbow, 90 DEG    |
| 26:1 | 237-80      | 1    | O-Ring                   |
| 26:2 | 237-30      | 1    | O-Ring                   |
| 28   | 3256-23     | 4    | Washer-Plain             |
| 29   | 3296-29     | 4    | Nut-Lock, NI             |
| 33   | 3290-379    | 4    | Tie-Cable                |
| 34   | 108-9715    | 2    | Sleeve-Thermal           |
| 35   | 99-3008     | 1    | Hose-HYD                 |
| 36   | 3290-379    | 8    | Tie-Cable                |



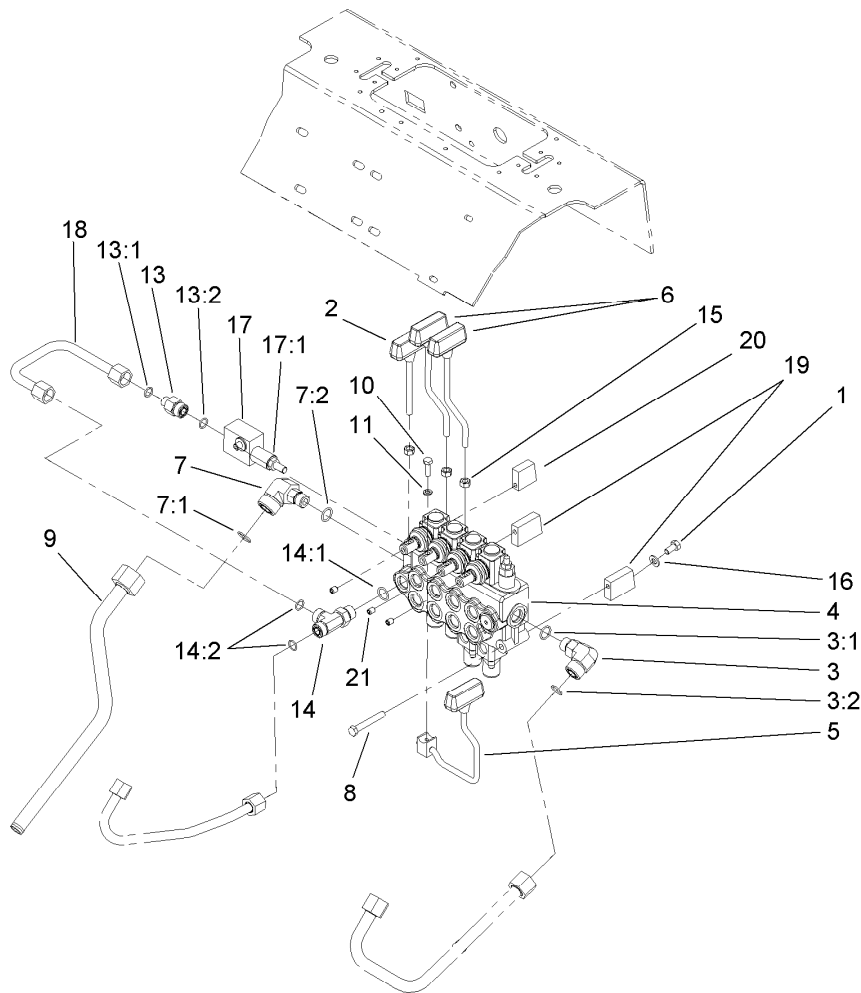
## Auxiliary Hydraulic Valve Assembly No. 99-3077

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 3           | 99-4391            | 1           | Seal Kit           |
| 3:1         | 99-3074            | 1           | Gasket             |
| 3:2         | 99-3075            | 3           | Gasket             |



## Hydraulic Selector Valve Assembly No. 99-3072

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 3           | 99-4391            | 1           | Seal Kit           |
| 3:1         | 99-3074            | 1           | Gasket             |
| 3:2         | 99-3075            | 3           | Gasket             |

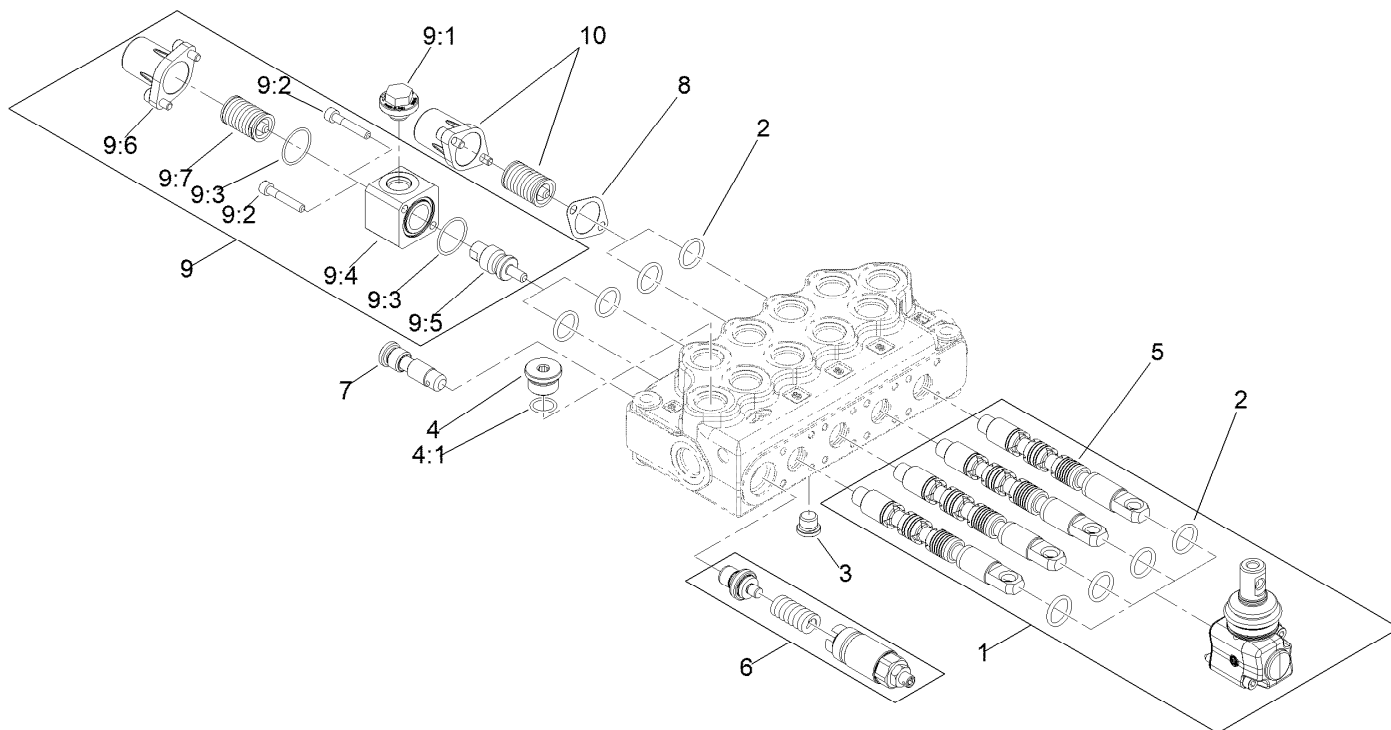


## Four Spool Valve Assembly

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 1    | 322-2       | 3    | Screw-HH                 |
| 2    | 105-7881    | 1    | Lever-Cylinder           |
| 3    | 340-153     | 1    | Fitting-Elbow, 90 DEG    |
| 3:1  | 237-79      | 1    | O-Ring                   |
| 3:2  | 237-151     | 1    | O-Ring                   |
| 4    | 105-8377    | 1    | HYD Four Spool Valve ASM |
| 5    | 106-8165    | 1    | Lever-Control            |
| 6    | 104-5733    | 2    | Lever-Drive              |
| 7    | 92-5696     | 1    | Fitting-Elbow, 90 DEG    |
| 7:1  | 237-58      | 1    | O-Ring                   |
| 7:2  | 237-79      | 1    | O-Ring                   |
| 8    | 322-11      | 3    | Screw-HH                 |
| 9    | 106-8177    | 1    | Tube-Tank, HYD           |
| 10   | 321-5       | 1    | Screw-HH                 |
| 11   | 3253-3      | 1    | Washer-Lock              |

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 13   | 340-5       | 1    | Fitting-Straight        |
| 13:1 | 237-42      | 1    | O-Ring                  |
| 13:2 | 237-30      | 1    | O-Ring                  |
| 14   | 340-109     | 1    | Fitting-Tee             |
| 14:1 | 237-79      | 1    | O-Ring                  |
| 14:2 | 237-30      | 2    | O-Ring                  |
| 15   | 33014-00    | 3    | Nut-Hex                 |
| 16   | 33094-00    | 3    | Washer-Plain            |
| 17   | 105-7882    | 1    | Relief Valve ASM        |
| 17:1 | 105-8358    | 1    | Cartridge-Valve, Relief |
| 17:2 | 105-8357    | 1    | Seal Kit ●              |
| 18   | 108-4717    | 1    | Tube-HYD                |
| 19   | 108-4728    | 2    | Spacer V                |
| 20   | 105-7870    | 1    | Spacer-Upper V          |
| 21   | 105-4068    | 3    | Screw-Set, HSH          |

● Not illustrated

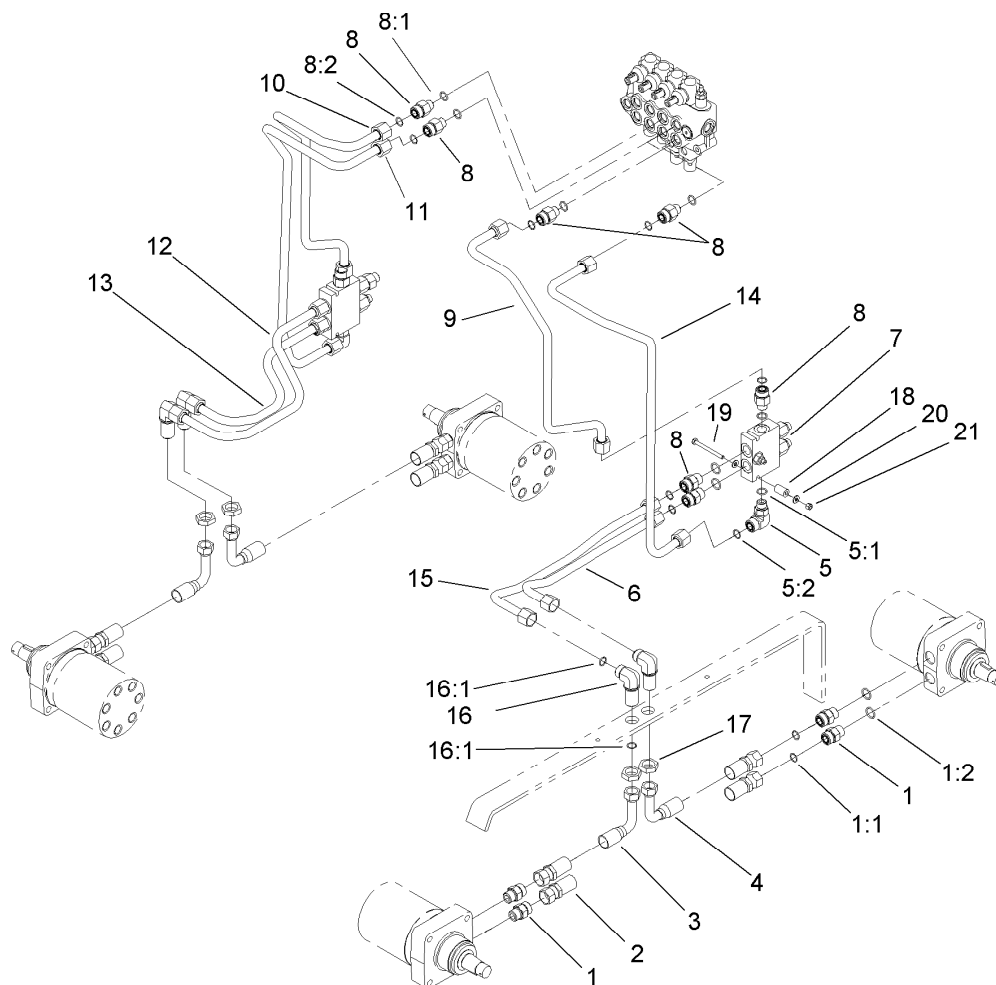


## Four Spool Hydraulic Valve Assembly No. 105-8377

| Ref. | Part Number | Qty. | Description                  |
|------|-------------|------|------------------------------|
| 1    | 139-8891    | 4    | Lsg/S5 Lever Kit With Screws |
| 2    | 139-8886    | 8    | O-Ring Seal, 70 Sh           |
| 3    | 139-8884    | 1    | SAE 4 Plug                   |
| 4    | 353-988     | 1    | Plug-Hex                     |
| 4:1  | 237-79      | 1    | O-Ring                       |
| 5    | 105-8441    | 4    | Spool-Valve                  |
| 6    | 139-8890    | 1    | Vmd5 (Jn) Inlet Part         |
| 7    | 139-8880    | 1    | Kit-Valve Body               |
| 8    | 99-3074     | 2    | Gasket                       |

| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 9    | 139-8887    | 2    | S5 Command Kit |
| 9:1  |             | 1    | Plug ●         |
| 9:2  |             | 2    | Screw ●        |
| 9:3  |             | 2    | O-ring ●       |
| 9:4  |             | 1    | Block ●        |
| 9:5  |             | 1    | Pin ●          |
| 9:6  |             | 1    | End Cap ●      |
| 9:7  |             | 1    | Spring ●       |
| 10   | 161-1080    | 2    | S5 End Cap Kit |

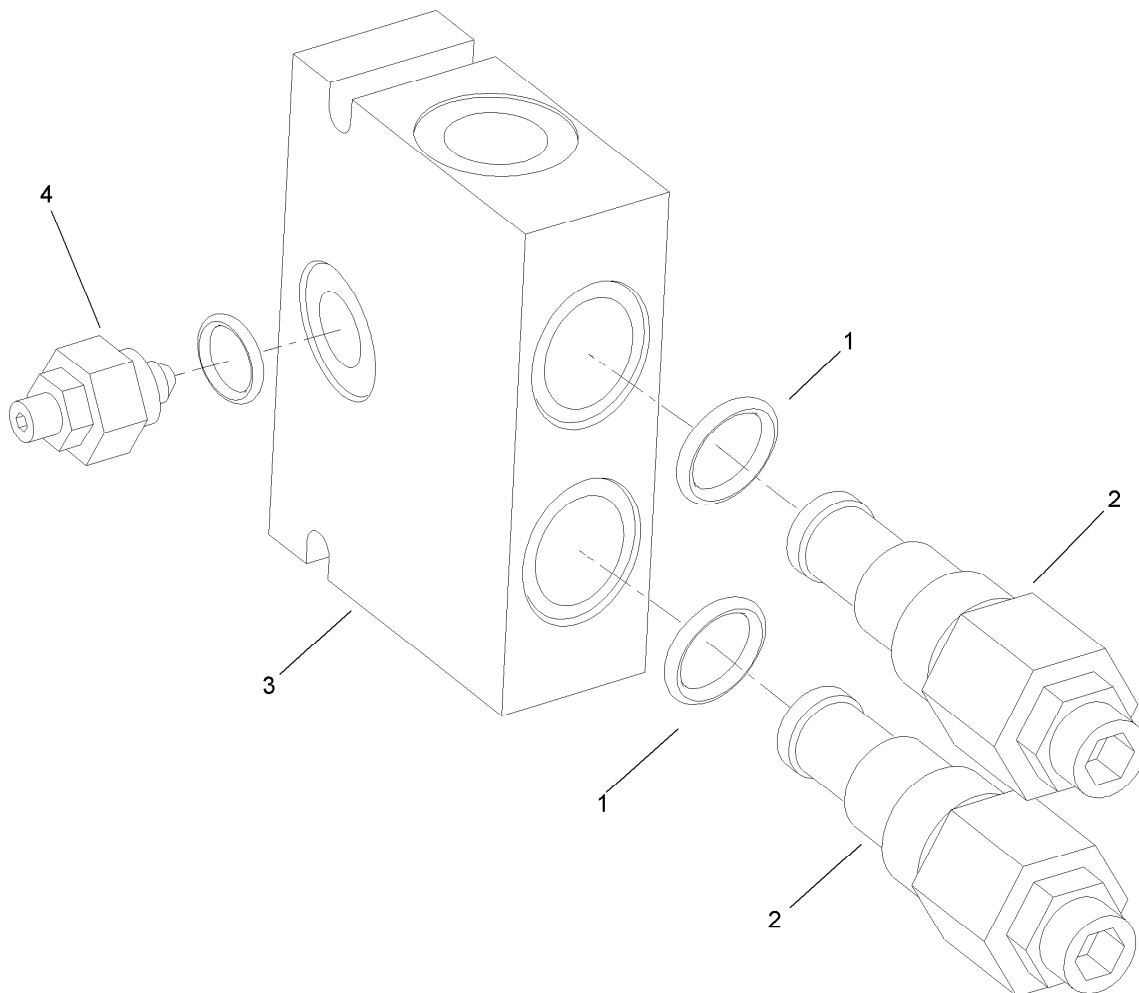
● Not serviced separately



## Hydraulic Motor Assembly

| Ref. | Part Number | Qty. | Description                     |
|------|-------------|------|---------------------------------|
| 1    | 340-7       | 8    | Fitting-Straight                |
| 1:1  | 237-65      | 1    | O-Ring                          |
| 1:2  | 237-80      | 1    | O-Ring                          |
| 2    | 99-3012     | 2    | Hose-HYD                        |
| 3    | 99-3010     | 2    | Hose-HYD                        |
| 4    | 99-3011     | 2    | Hose-HYD                        |
| 5    | 340-153     | 2    | Fitting-Elbow, 90 DEG           |
| 5:1  | 237-79      | 1    | O-Ring                          |
| 5:2  | 237-151     | 1    | O-Ring                          |
| 6    | 99-3022     | 1    | Tube-HYD                        |
| 7    | 99-3040     | 2    | HYD Counterbalance Valve<br>ASM |
| 8    | 340-155     | 10   | Fitting-Straight                |
| 8:1  | 237-79      | 1    | O-Ring                          |
| 8:2  | 237-151     | 1    | O-Ring                          |

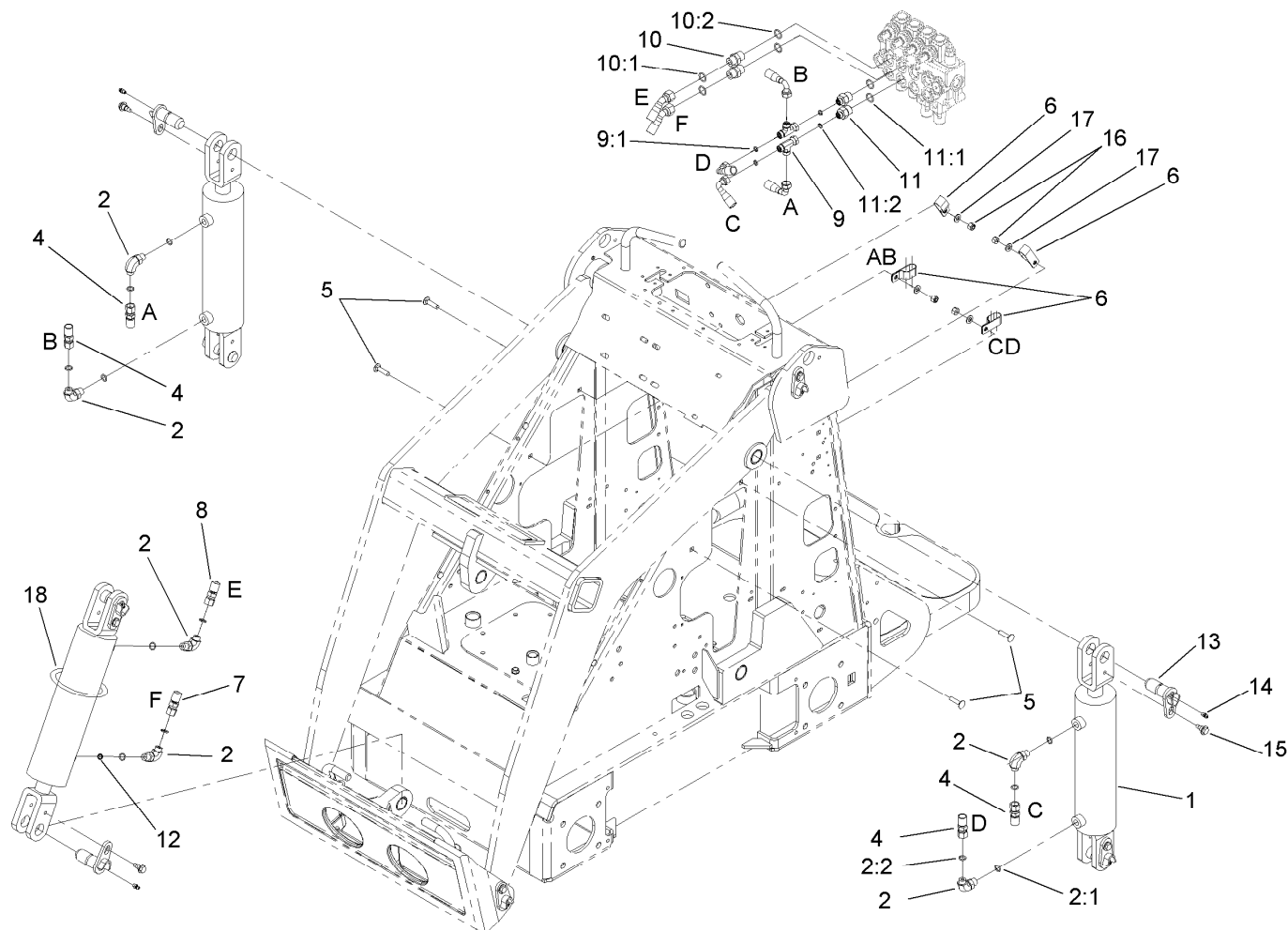
| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 9    | 108-9729    | 1    | Tube-HYD                 |
| 10   | 108-9727    | 1    | Tube-HYD                 |
| 11   | 108-9726    | 1    | Tube-HYD                 |
| 12   | 99-3025     | 1    | Tube-HYD                 |
| 13   | 99-3028     | 1    | Tube-HYD                 |
| 14   | 108-9725    | 1    | Tube-HYD                 |
| 15   | 99-3026     | 1    | Tube-HYD                 |
| 16   | 340-72      | 4    | Fitting-Bulkhead, 90 DEG |
| 16:1 | 237-65      | 2    | O-Ring                   |
| 17   | 340-74      | 4    | Nut-Lock, Bulkhead       |
| 18   | 99-3057     | 2    | Spacer-Valve             |
| 19   | 321-23      | 2    | Screw-HH                 |
| 20   | 3256-22     | 4    | Washer-Flat              |
| 21   | 3296-42     | 2    | Nut-Lock, NI             |



## Counterbalance Valve Assembly No. 99-3040

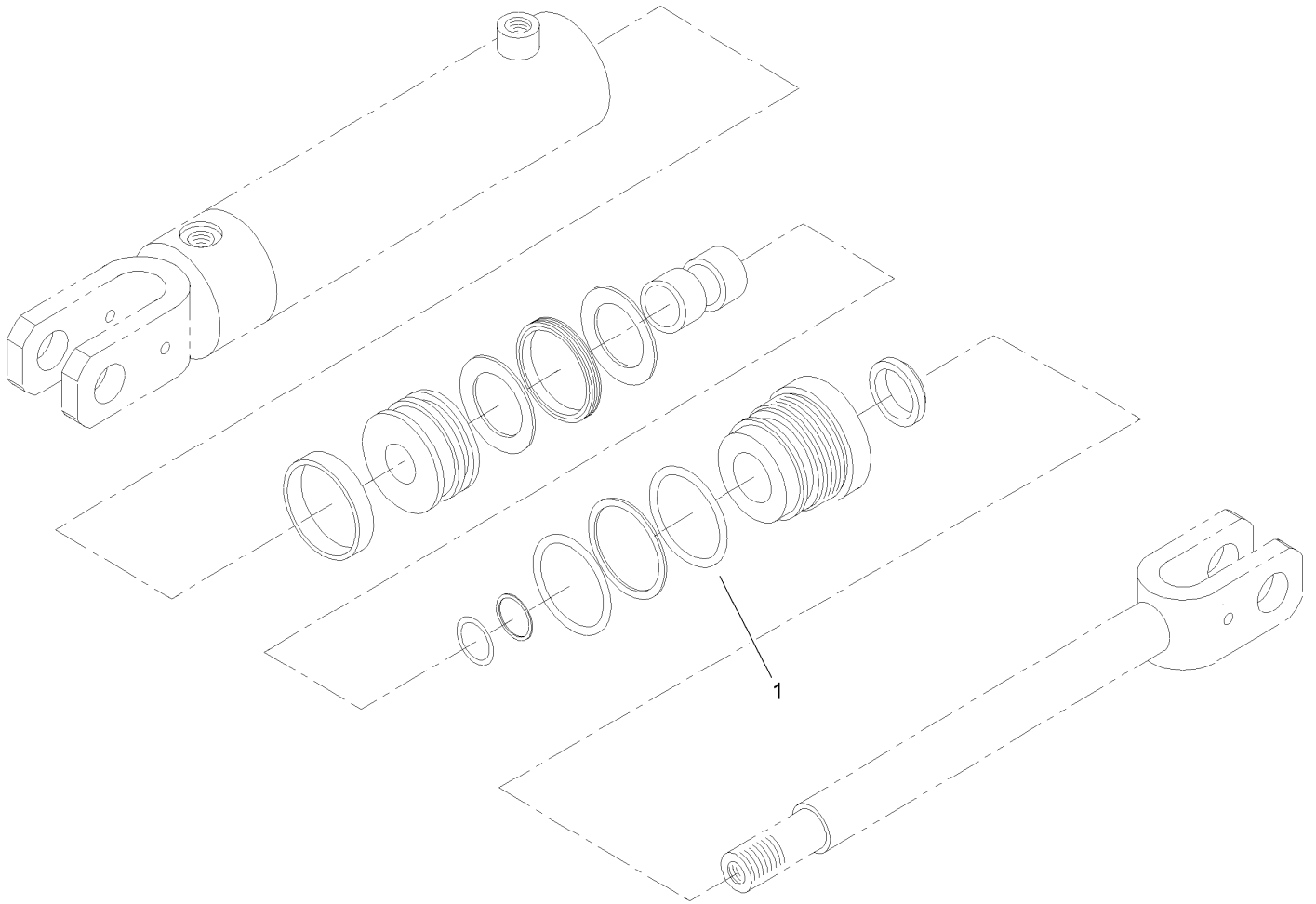
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 105-4099           | 1           | Seal Kit ●         |
| 2           | 99-3271            | 2           | Valve-Cartridge    |
| 3           | 100-8864           | 1           | Manifold ASM       |
| 4           | 100-8865           | 1           | Needle Valve ASM   |

● Not illustrated



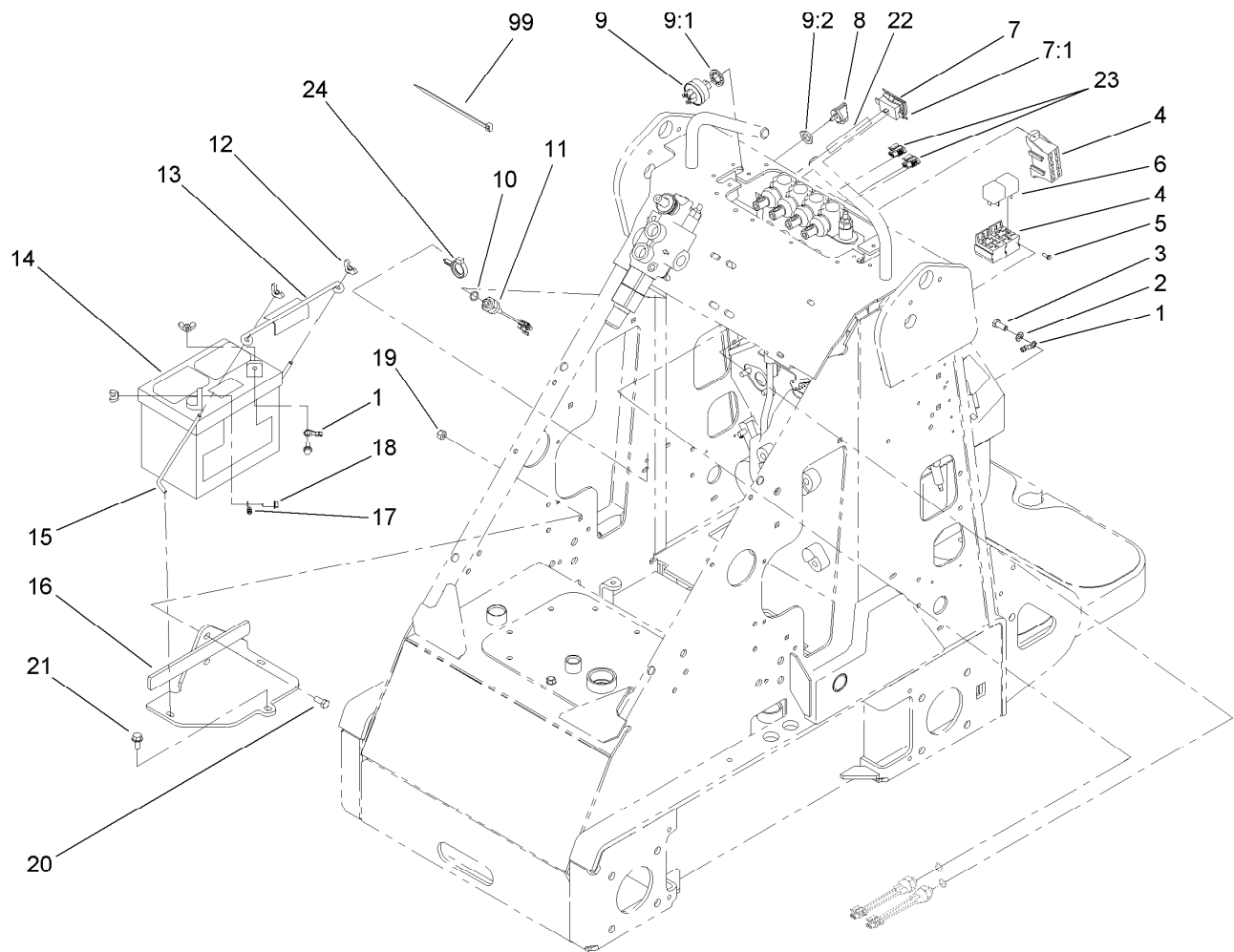
## Hydraulic Cylinder Assembly

| Ref. | Part Number | Qty. | Description                  |
|------|-------------|------|------------------------------|
| 1    | 105-7867    | 3    | HYD Cylinder ASM             |
| 2    | 340-82      | 6    | Fitting-Elbow, 90 DEG        |
| 2:1  | 237-42      | 1    | O-Ring                       |
| 2:2  | 237-21      | 1    | O-Ring                       |
| 4    | 98-4725     | 4    | Hose-HYD                     |
| 5    | 3230-3      | 4    | Screw-CARR                   |
| 6    | 2412-137    | 4    | Clamp-R, Double              |
| 7    | 98-4726     | 1    | Hose-HYD                     |
| 8    | 98-4727     | 1    | Hose-HYD                     |
| 9    | 340-151     | 2    | Fitting-Tee                  |
| 9:1  | 237-75      | 3    | O-Ring                       |
| 10   | 340-3       | 2    | Fitting-Straight             |
| 10:1 | 237-22      | 1    | O-Ring                       |
| 10:2 | 237-79      | 1    | O-Ring                       |
| 11   | 340-133     | 2    | Fitting-STR                  |
| 11:1 | 237-79      | 1    | O-Ring                       |
| 11:2 | 237-21      | 1    | O-Ring                       |
| 12   | 108-4714    | 1    | Orifice-Port Insert, One Way |
| 13   | 112-2609    | 6    | Pin-Pivot                    |
| 14   | 302-5       | 6    | Fitting-Grease               |
| 15   | 99-5105     | 6    | Screw-Shoulder               |
| 16   | 3296-29     | 4    | Nut-Lock, NI                 |
| 17   | 3256-23     | 4    | Washer-Plain                 |
| 18   | 3334-945    | 1    | Tie-Cable                    |



## Hydraulic Cylinder Assembly No. 105-7867

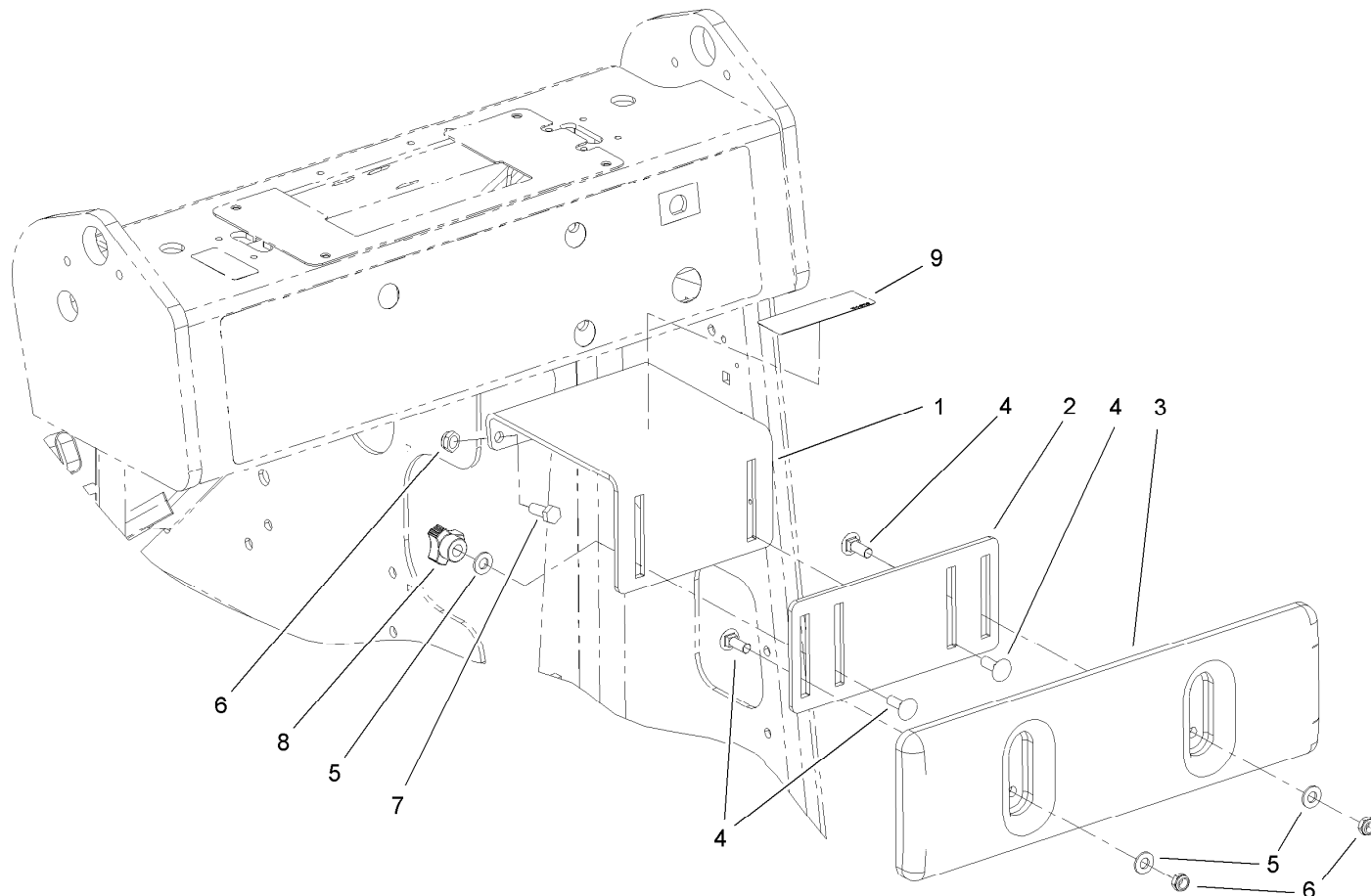
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 105-8356           | 1           | Seal Kit           |



## Electrical Component Assembly

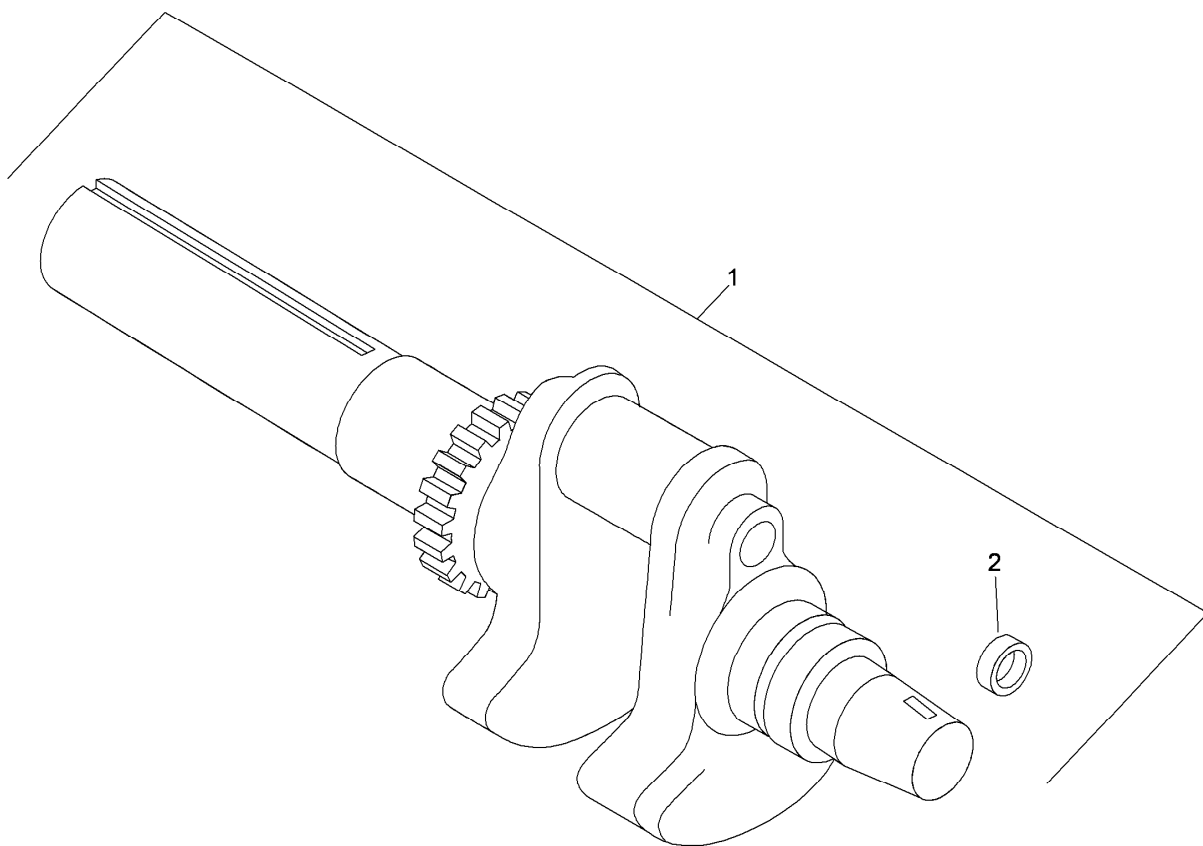
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 111075      | 1    | Wire ASM            |
| 2    | 3255-8      | 1    | Washer-Lock         |
| 3    | 33114-020   | 1    | Screw-HH            |
| 4    | 104-7411    | 1    | Harness-Wire        |
| 5    | 32144-87    | 3    | Screw-HWHTF         |
| 6    | 98-7249     | 2    | Relay               |
| 7    | 105-4067    | 1    | Hourmeter-Inductive |
| 7:1  | 104-4234    | 1    | Clip-Mounting       |
| 8    | 63-8360     | 2    | Key-Ignition        |
| 9    | 111216      | 1    | Ignition Switch ASM |
| 9:1  | 9201604     | 1    | Washer-Lock         |
| 9:2  | 101884      | 1    | Nut                 |
| 10   | 237-42      | 3    | O-Ring              |
| 11   | 72-4310     | 3    | Switch-Ball         |

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 12   | 32103-22    | 4    | Nut-Wing          |
| 13   | 113010      | 1    | Holddown-Battery  |
| 14   | 104-2492    | 1    | Battery-Dry       |
| 15   | 99-5027     | 2    | Retainer-Battery  |
| 16   | 99-3060-03  | 1    | Battery Mount ASM |
| 17   | 100-1712    | 1    | Cable-Positive    |
| 18   | 3234-4      | 2    | Screw-HHF         |
| 19   | 3296-29     | 2    | Nut-Lock, NI      |
| 20   | 322-4       | 2    | Screw-HH          |
| 21   | 32144-70    | 1    | Screw-HWHTF       |
| 22   | 104-7408    | 1    | Wire-Hourmeter    |
| 23   | 99-1433     | 2    | Connector-Female  |
| 24   | 105-1853    | 1    | Clamp-Hose        |
| 99   | 3290-381    | 5    | Tie-Cable         |



## Thigh Support Assembly

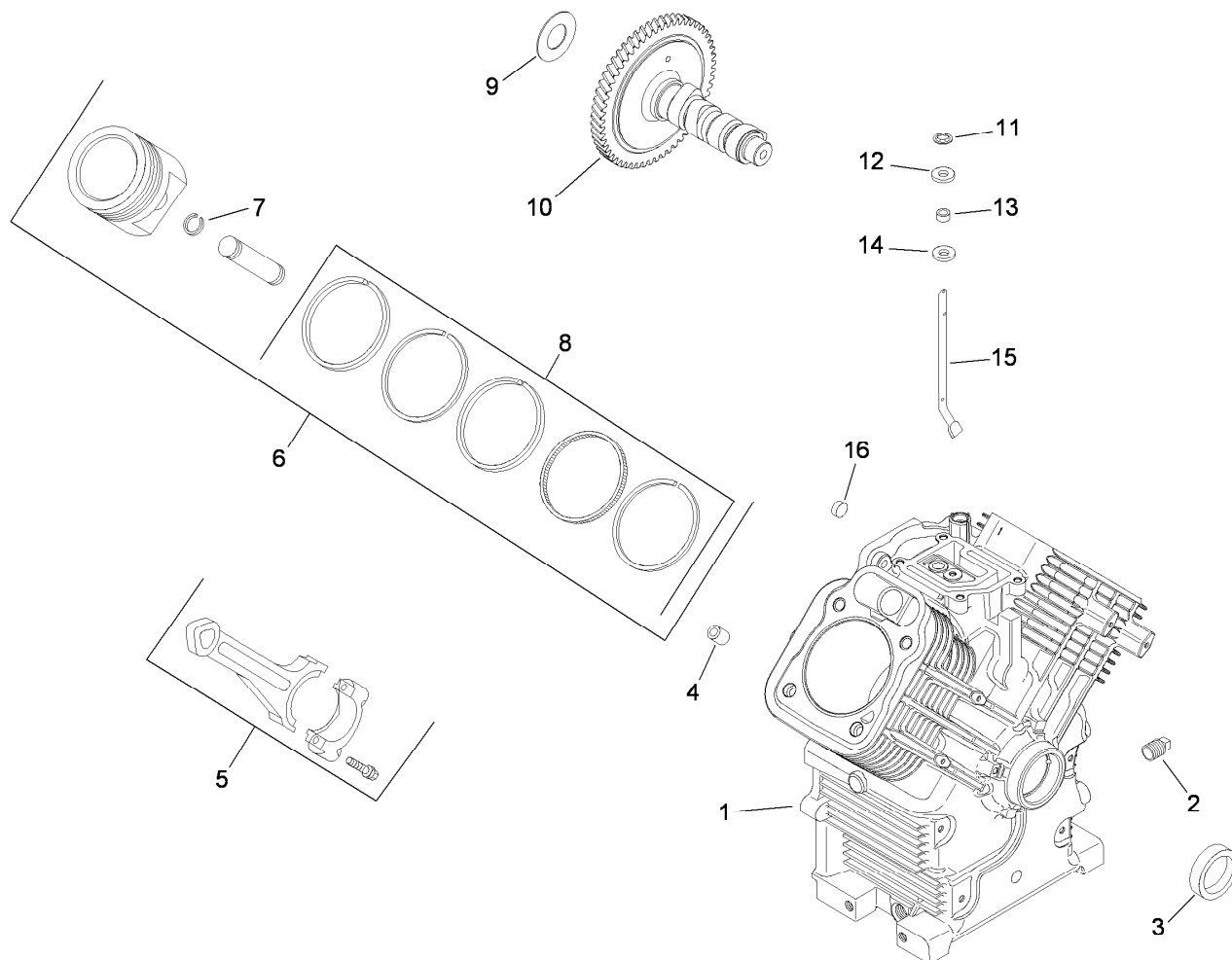
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 105-0297-03        | 1           | Thigh Support ASM  |
| 2           | 105-0337-03        | 1           | Plate-Adjusting    |
| 3           | 105-0333           | 1           | Support-Thigh      |
| 4           | 3230-16            | 4           | Screw-CARR         |
| 5           | 3256-70            | 4           | Washer-Flat        |
| 6           | 3296-72            | 4           | Nut-Lock, NI       |
| 7           | 322-4              | 2           | Screw-HH           |
| 8           | 104-6156           | 2           | Knob-Adjustment    |
| 9           | 104-6108           | 1           | Decal-Manual       |



## Crankshaft Assembly Kohler CH23S-76549

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>        |
|-------------|--------------------|-------------|---------------------------|
| 1           | 24 014 90-S        | 1           | Crankshaft (Includes 2) ● |
| 2           | 52 139 09-S        | 1           | Plug-Cup ●                |

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

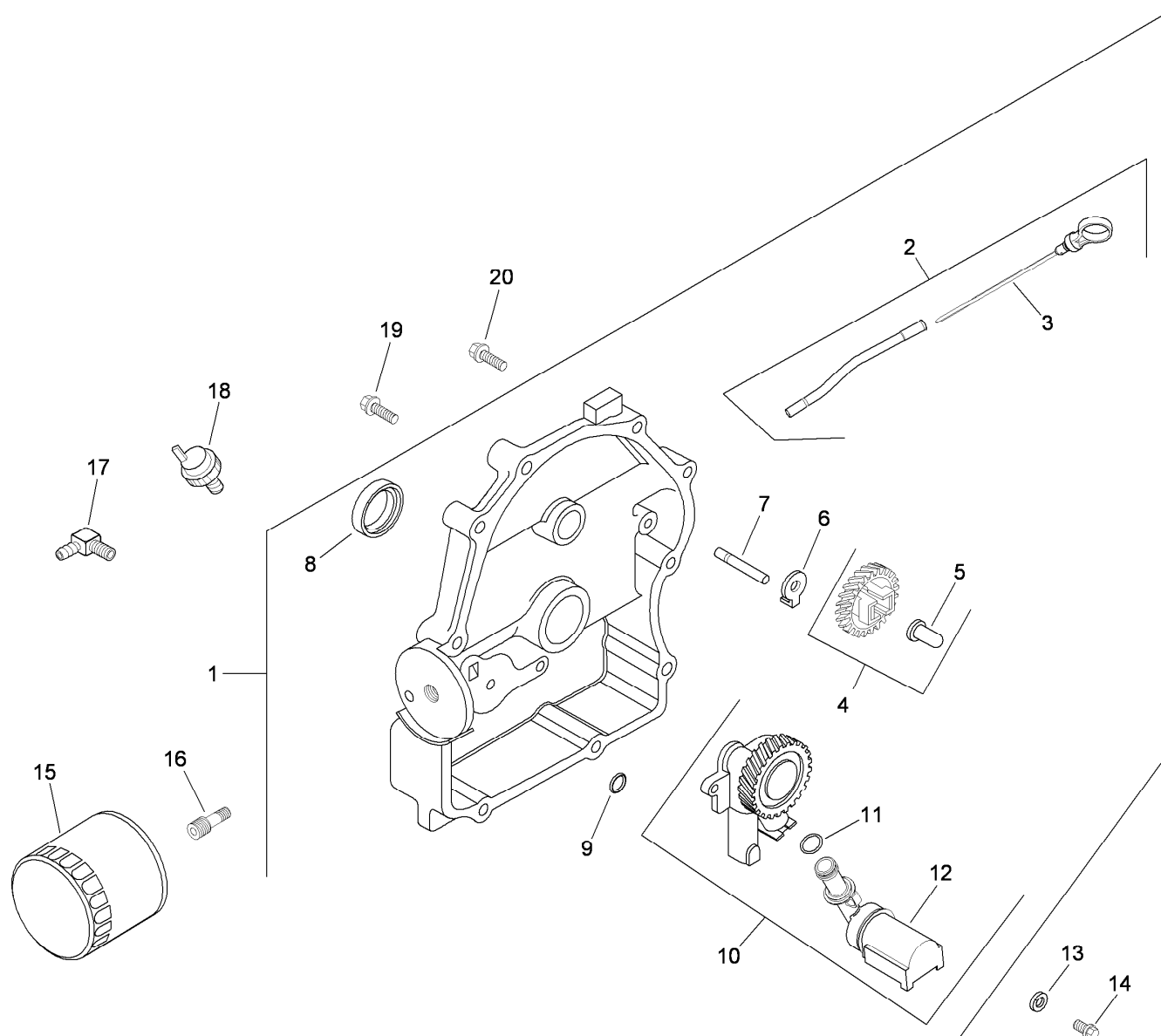


## Crankcase Assembly Kohler CH23S-76549

| Ref. | Part Number | Qty. | Description                                   | Ref. | Part Number | Qty. | Description                           |
|------|-------------|------|-----------------------------------------------|------|-------------|------|---------------------------------------|
| 1    | 24 782 15   | 1    | Miniblock ■                                   | 9    | 12 422 07-S | 1    | Shim-Camshaft (White .028) ■          |
| 2    | 25 139 57-S | 2    | Plug-Pipe, Sq HD (3/8) ■                      | 9    | 12 422 08-S | 1    | Shim-Camshaft (Blue .03) ■            |
| 3    | 24 032 01-S | 1    | Seal-Oil ■                                    | 9    | 12 422 10-S | 1    | Shim-Camshaft (Yellow .034) ■         |
| 4    | 24 380 13-S | 6    | Pin-Locating ■                                | 9    | 12 422 11-S | 1    | Shim-Camshaft (Green .036) ■          |
| 5    | 24 067 13-S | 2    | Rod-Connecting (Standard) ■                   | 9    | 12 422 12-S | 1    | Shim-Camshaft (Gray .038) ■           |
| 5    | 24 067 14-S | 2    | Rod-Connecting (.25) ■                        | 10   | 24 012 10-S | 1    | Camshaft Kit (Includes 25 357 14-S) ■ |
| 6    | 24 874 09-S | 2    | Piston W/Ring Set (STD) (Includes Ref 7, 8) ■ | 11   | 24 018 09-S | 1    | Retainer-Ring ■                       |
| 6    | 24 874 10-S | 2    | Piston W/Ring Set (.25) (Includes Ref 7, 8) ■ | 12   | M-931010-S  | 1    | Washer-Flat (9MM) ■                   |
| 6    | 24 874 11-S | 2    | Piston W/Ring Set (.50) (Includes Ref 7, 8) ■ | 13   | 28 032 09-S | 1    | Seal-Cross Shaft, Governor ■          |
| 6    | 24 874 15-S | 2    | Piston W/Ring Set (.08) (Includes Ref 7, 8) ■ | 14   | 24 468 15-S | 1    | Washer-Flat (11/32) ■                 |
| 7    | 24 018 01-S | 4    | Retainer-Pin, Piston ■                        | 15   | 24 144 38-S | 1    | Shaft-Cross, Governor ■               |
| 8    | 24 108 08-S | 2    | Ring Set (STD) ■                              | 16   | 52 139 09-S | 1    | Plug-Cup ■                            |
| 8    | 24 108 09-S | 2    | Ring Set (.25) ■                              |      | 25 357 14-S | 1    | Lubricant-Camshaft ■●                 |
| 8    | 24 108 10-S | 2    | Ring Set (.50) ■                              |      |             |      |                                       |
| 9    | 12 422 09-S | 1    | Shim-Camshaft (Red .032) ■                    |      |             |      |                                       |
| 9    | 12 422 13-S | 1    | Shim-Camshaft (Black .04) ■                   |      |             |      |                                       |

● Not illustrated

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

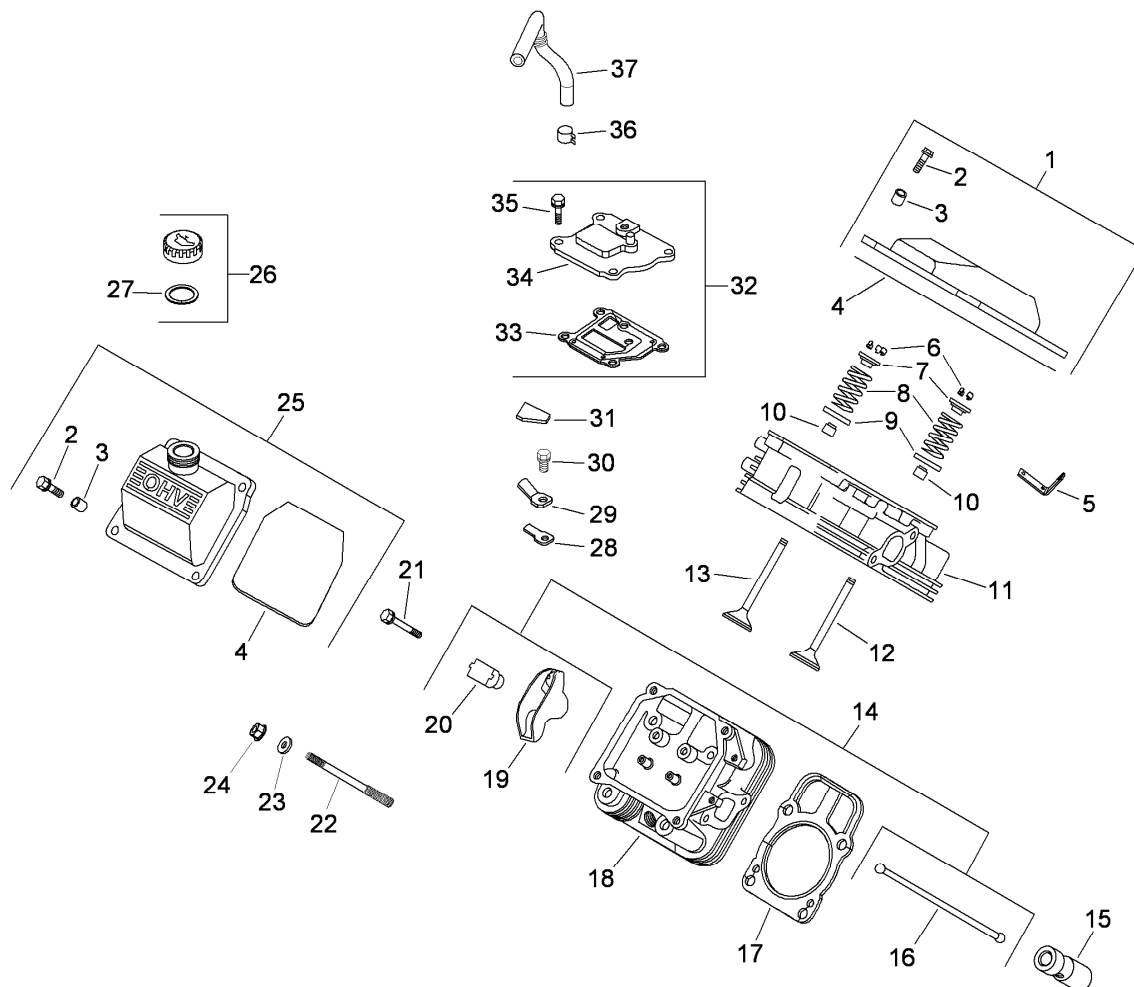


## Oil Pan and Lubrication Assembly Kohler CH23S-76549

| Ref. | Part Number  | Qty. | Description                                       |
|------|--------------|------|---------------------------------------------------|
| 1    | 24 009 82-S  | 1    | Closure Plate Kit (Includes Ref 2-12) ●           |
| 2    | 24 755 121-S | 1    | Dipstick And Dipstick Tube ASM (Includes Ref 3) ● |
| 3    | 24 038 10-S  | 1    | Dipstick ●                                        |
| 4    | 24 043 12-S  | 1    | Governor Gear W/Pin Kit (Includes Ref 5) ●        |
| 5    | 12 380 01-S  | 1    | Pin-Regulating, Governor ●                        |
| 6    | 52 448 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    | 24 153 08-S  | 2    | O-Ring ●                                          |
| 10   | 24 393 10-S  | 1    | Oil Pump ASM (Includes Ref 11, 12) ●              |

| Ref. | Part Number | Qty. | Description                                |
|------|-------------|------|--------------------------------------------|
| 11   | 24 153 01-S | 1    | O-Ring (Oil Pick up) ●                     |
| 12   | 24 381 04-S | 1    | Tube-Pick Up, Oil ●                        |
| 13   | M-631005-S  | 2    | Washer-Flat (6 MM) ●                       |
| 14   | M-645025-S  | 2    | Screw-Flange, Thread Forming (M6X1.0X25) ● |
| 15   | 52 050 02-S | 1    | Filter-Oil ●                               |
| 16   | 24 136 01-S | 1    | Nipple-Filter, Oil ●                       |
| 17   | 25 155 02-S | 1    | Connector-Hose, 90 Deg ●                   |
| 18   | 24 099 03-S | 1    | Switch-Pressure, Oil ●                     |
| 19   | 24 086 16-S | 9    | Screw-HF (M8X1.25X45) ●                    |
| 20   | 24 086 17-S | 1    | Screw-Flange (M8X1.25X45) ●                |

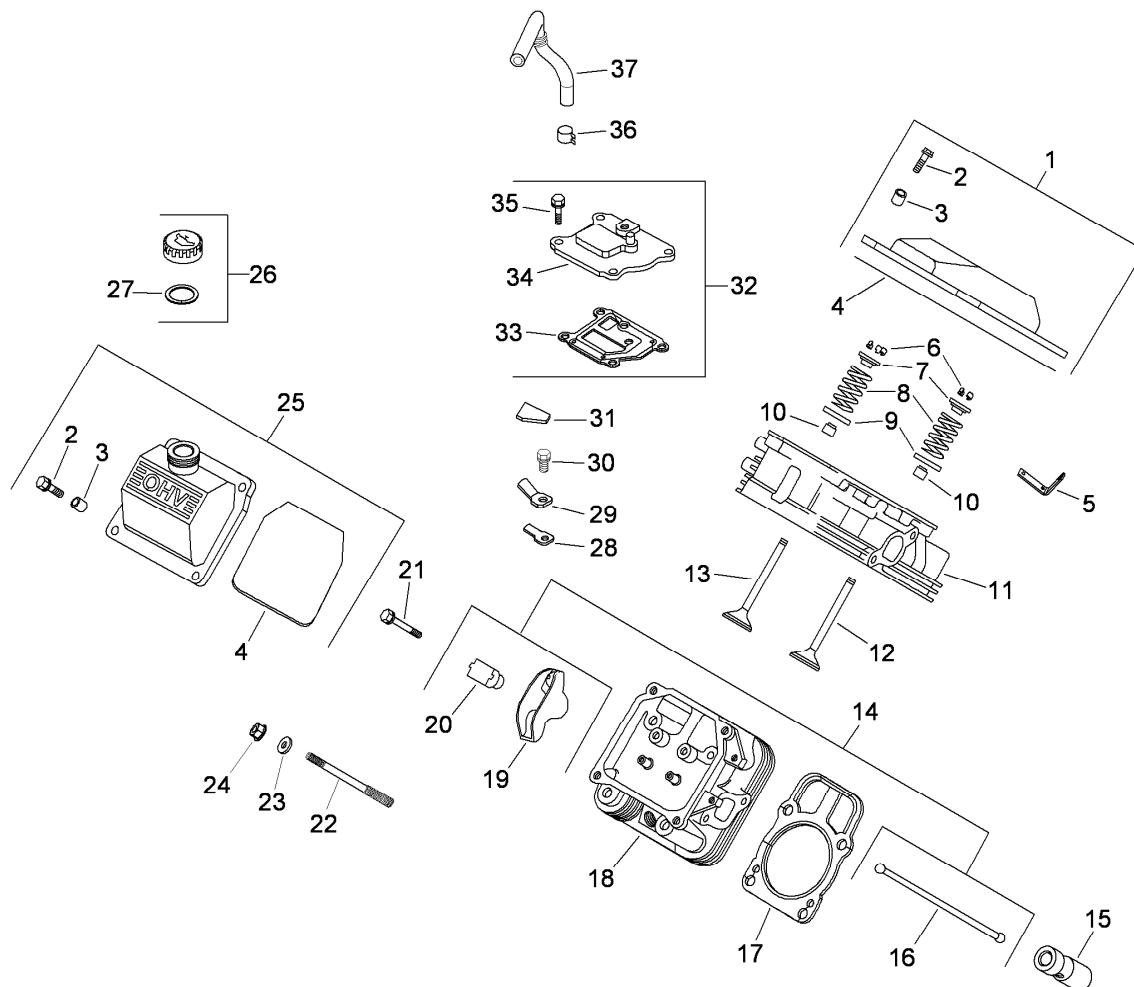
● Obtain parts from [www.kohlerplus.com](http://www.kohlerplus.com)



## Head and Valve and Breather Assembly Kohler CH23S-76549

| Ref. | Part Number | Qty. | Description                                   | Ref. | Part Number | Qty. | Description                                          |
|------|-------------|------|-----------------------------------------------|------|-------------|------|------------------------------------------------------|
| 1    | 24 755 74-S | 1    | Plain Valve Cover Kit<br>(Includes Ref 2-4) ● | 19   | 25 186 01-S | 4    | Arm-Rocker ●                                         |
| 2    | M-651030-S  | 4    | Screw-Flange (M6X1.0X30) ●                    | 20   | 24 599 01-S | 4    | Pivot-Arm, Rocker ●                                  |
| 3    | 24 112 08-S | 4    | Spacer ●                                      | 21   | M-640034-S  | 8    | Screw-Flange (M6X1.0X34) ●                           |
| 4    | 24 153 23-S | 1    | O-Ring ●                                      | 22   | 24 072 09-S | 8    | Stud<br>(M8X1.25Xm10X1.5X105MM)<br>(Cylinder Head) ● |
| 5    | 24 445 01-S | 1    | Strap-Lifting ●                               | 23   | 24 468 16-S | 8    | Washer-Flat (8.6 MM) ●                               |
| 6    | 12 755 03-S | 4    | Retainer Kit ●                                | 24   | 24 100 10-S | 8    | Nut-Flange (M8X1.25) ●                               |
| 7    | 12 173 01-S | 4    | Cap-Spring, Valve ●                           | 25   | 24 755 75-S | 1    | Oil Fill Valve Cover Kit<br>(Includes Ref 2-4) ●     |
| 8    | 24 089 02-S | 4    | Spring-Valve ●                                | 26   | 24 755 46-S | 1    | Oil Fill Cap Kit (Yellow)<br>(Includes Ref 27) ●     |
| 9    | 235011-S    | 4    | Retainer-Spring ●                             | 27   | 25 153 02-S | 1    | O-Ring (Oil Fill Cap) ●                              |
| 10   | 66 032 05-S | 2    | Seal-Stem, Valve ●                            | 28   | 24 402 03-S | 1    | Reed-Breather ●                                      |
| 11   | 24 318 68-S | 1    | No. 1 Cylinder Head ASM ●                     | 29   | 12 018 01-S | 1    | Retainer-Reed, Breather ●                            |
| 12   | 24 017 01-S | 2    | Valve-Intake (STD) ●                          | 30   | M-545010-S  | 1    | Screw-HHFTF (M5X.80X10) ●                            |
| 12   | 24 017 02-S | 2    | Valve-Intake (.25) ●                          | 31   | 24 050 01-S | 1    | Filter-Breather ●                                    |
| 13   | 24 016 01-S | 2    | Valve-Exhaust (STD) ●                         | 32   | 24 033 01-S | 1    | Breather ASM (Includes Ref 33-35) ●                  |
| 13   | 24 016 02-S | 2    | Valve-Exhaust (.25) ●                         | 33   | 24 041 23-S | 1    | Gasket-Breather ●                                    |
| 14   | 24 755 66-S | 1    | Valve Train Kit (Includes Ref 16, 19, 20) ●   | 34   | 24 096 86-S | 1    | Cover-Breather ●                                     |
| 15   | 25 351 01-S | 4    | Lifter-Valve ●                                |      |             |      |                                                      |
| 16   | 24 411 05-S | 4    | Rod-Push ●                                    |      |             |      |                                                      |
| 17   | 24 041 40-S | 2    | Gasket-Cylinder Head ●                        |      |             |      |                                                      |
| 18   | 24 318 71-S | 1    | No. 2 Cylinder Head ASM ●                     |      |             |      |                                                      |

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

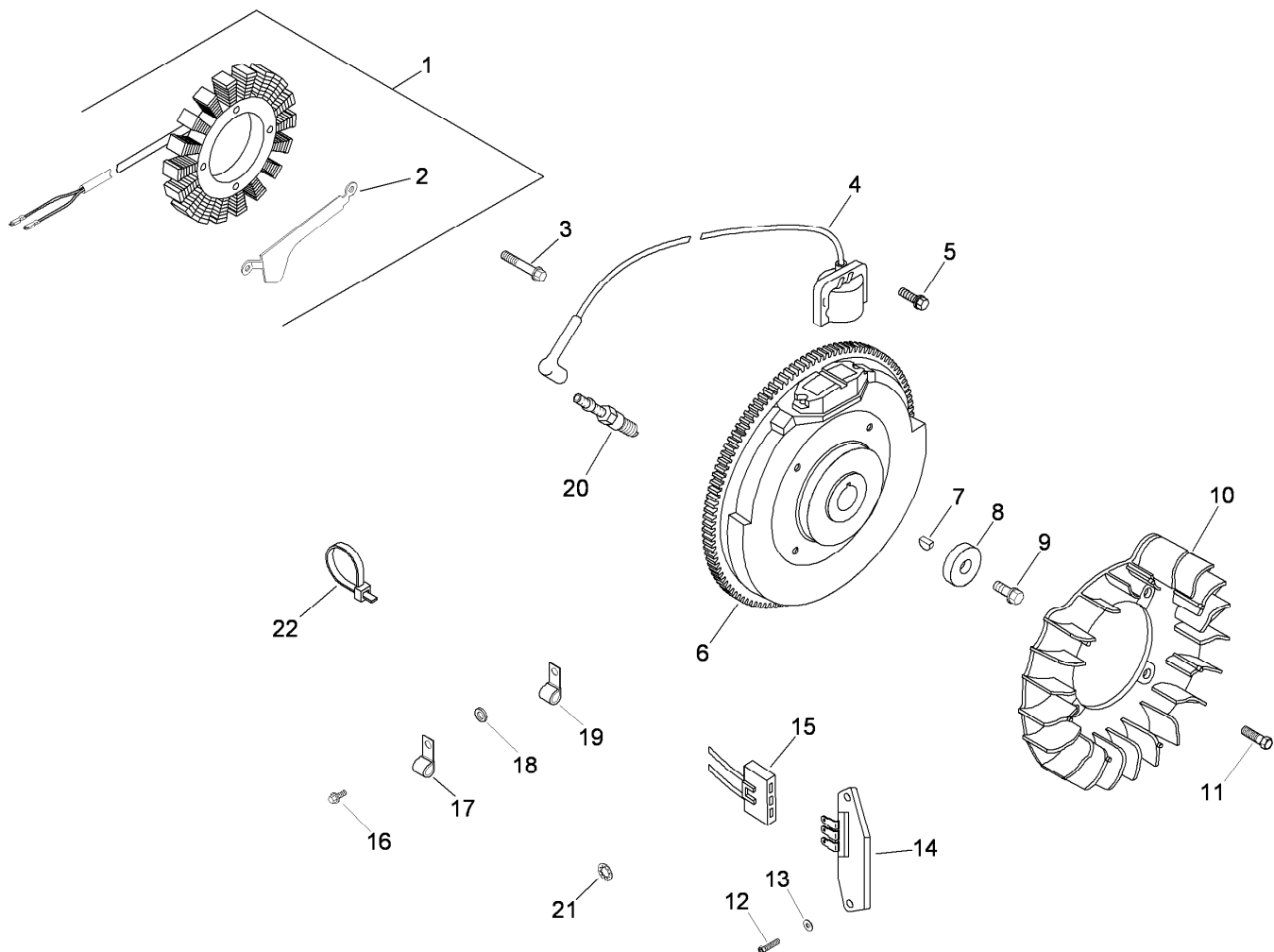


## Head and Valve and Breather Assembly Kohler CH23S-76549 (continued)

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 35   | M-645020-S  | 4    | Screw-HHFTF (M6X1.0X20) |

| Ref. | Part Number | Qty. | Description     |
|------|-------------|------|-----------------|
| 36   | 25 237 08-S | 2    | Clamp-Hose ●    |
| 37   | 24 326 31-S | 1    | Hose-Breather ● |

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



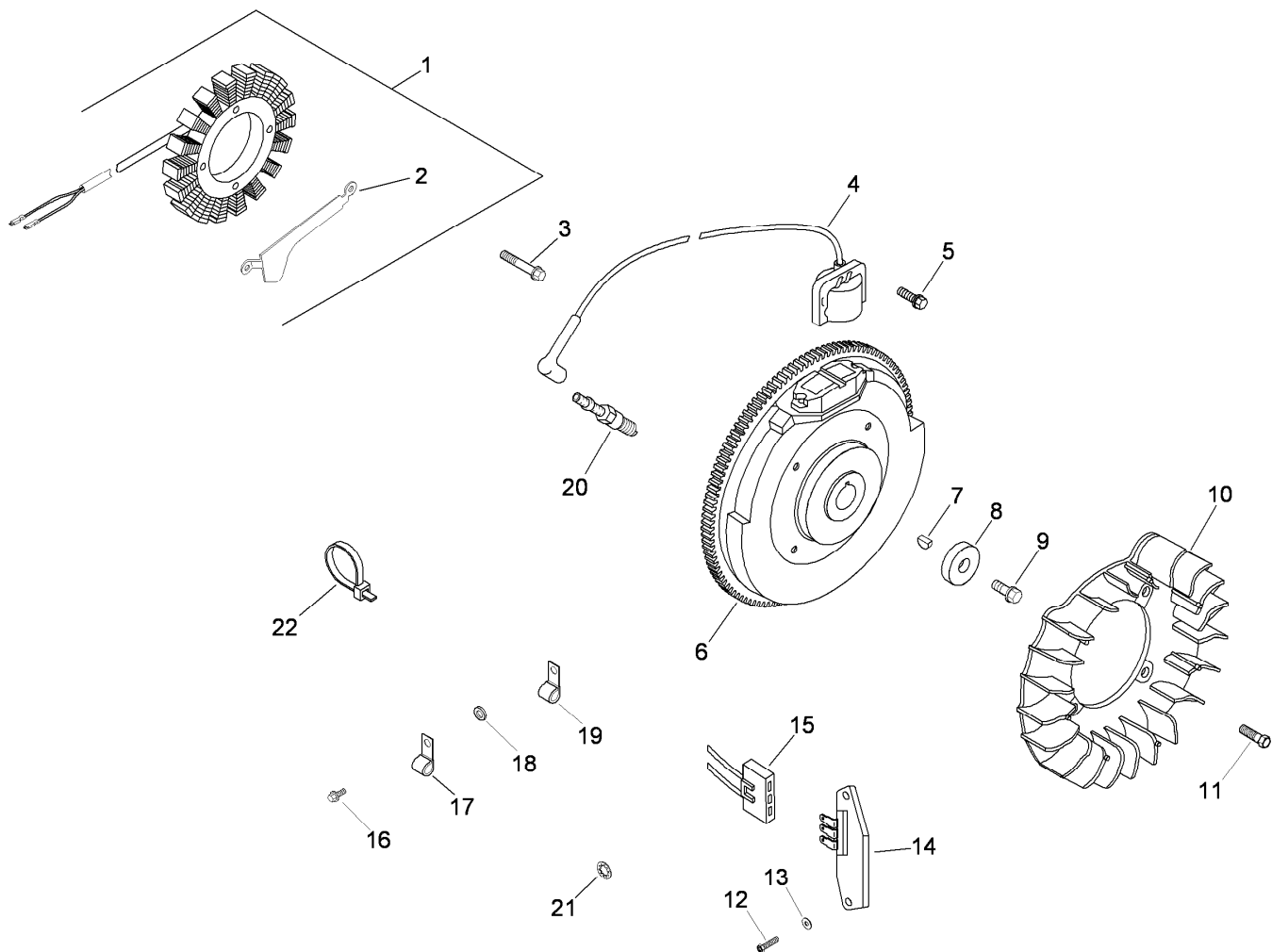
## Ignition and Electrical Assembly Kohler CH23S-76549

| Ref. | Part Number | Qty. | Description                               |
|------|-------------|------|-------------------------------------------|
| 1    | 54 755 09-S | 1    | 15 Amp Stator Kit (Includes Ref 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    | 24 025 01-S | 1    | Flywheel ■                                |
| 7    | X-42-15-S   | 1    | Key (3/16 X 5/8) ■                        |
| 8    | 12 468 03-S | 1    | Washer-Flat (13/32) ■                     |
| 9    | 12 086 14-S | 1    | Screw-Flange (M10X1.5X45) ■               |
| 10   | 24 157 07-S | 1    | Fan ■                                     |
| 11   | 25 086 47-S | 4    | Bolt-Shoulder (M6X1.0X16) ■               |

| Ref. | Part Number | Qty. | Description                                    |
|------|-------------|------|------------------------------------------------|
| 12   | 24 086 18-S | 2    | Screw-Phl HD (11-16X.88) ■                     |
| 13   | X-25-92-S   | 2    | Washer-Flat (.188) ■                           |
| 14   | 25 403 03-S | 1    | Rectifier-Regulator, 15 Amp ■                  |
| 15   | 236602-S    | 1    | Connector (3 Contact) ■                        |
| 16   | 25 086 91-S | 2    | Screw-Wsh HD Tap (8-18X.50) ■                  |
| 17   | 235173-S    | 1    | Clip-Cable (B+ Lead) ■                         |
| 18   | X-25-63-S   | 1    | Washer-Flat (1/4) ■                            |
| 19   | 48 154 02-S | 1    | Clip-Cable (Clamps Wires To Intake Manifold) ■ |
| 20   | 12 132 06-S | 2    | Spark Plug ■                                   |
| 21   | X-22-11-S   | 1    | Washer-Lock, Internal Tooth (1/4) ■            |
| 22   | 25 454 03-S | 2    | Tie-Wire ■                                     |

● Not illustrated

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

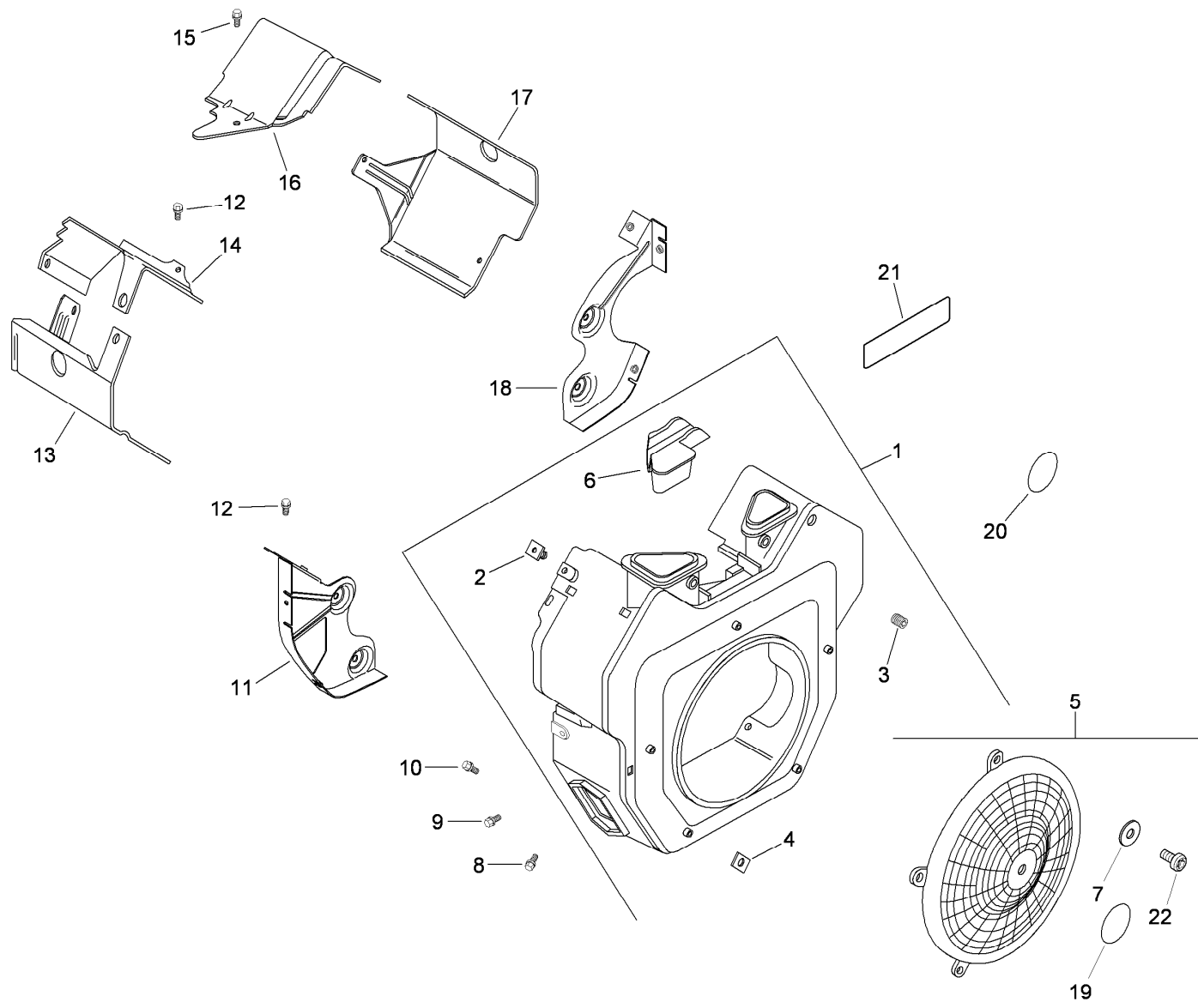


## Ignition and Electrical Assembly Kohler CH23S-76549 (continued)

| Ref. | Part Number | Qty. | Description                                                 |
|------|-------------|------|-------------------------------------------------------------|
|      | 24 176 08-S | 1    | Harness-Wiring ■●                                           |
|      | 24 518 12-S | 1    | Lead-Black (5-12 Insulated Grip Barrel Eyelet Terminals) ■● |

● Not illustrated

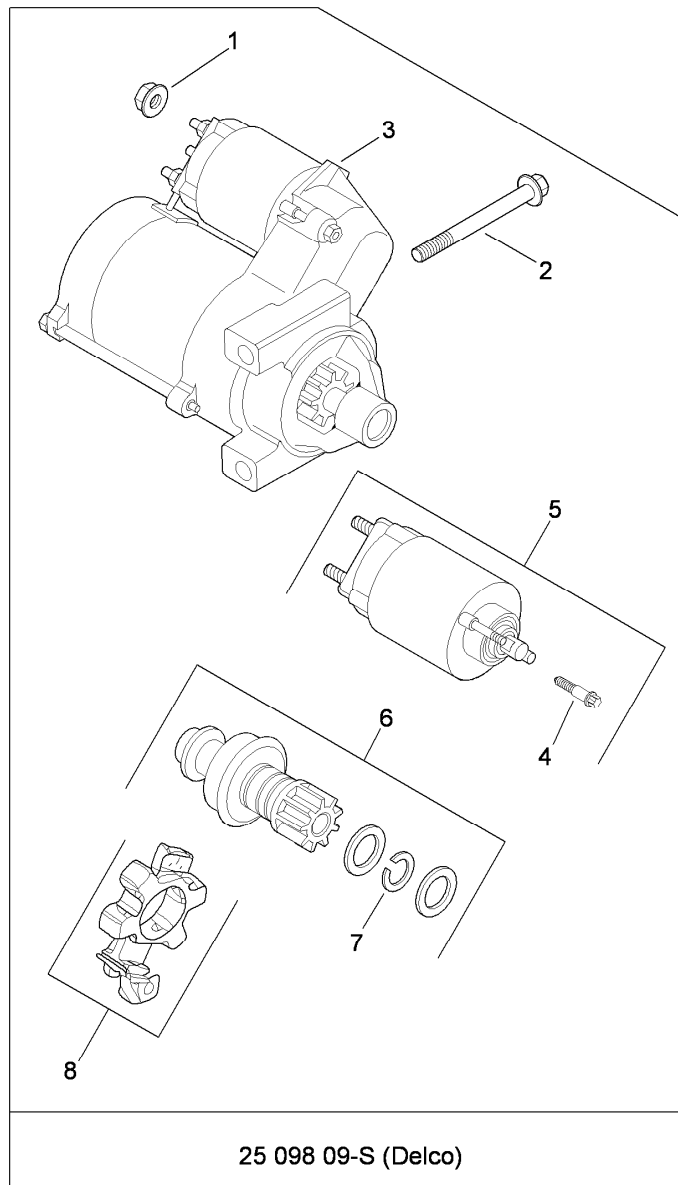
■ Obtain parts from [www.kohlerplus.com](http://www.kohlerplus.com)



## Blower Housing Assembly Kohler CH23S-76549

| Ref. | Part Number  | Qty. | Description                                   | Ref. | Part Number  | Qty. | Description                                   |
|------|--------------|------|-----------------------------------------------|------|--------------|------|-----------------------------------------------|
| 1    | 24 027 196-S | 1    | Blower Housing ASM<br>(Includes Ref 2-4, 6) ● | 12   | M-645016-S   | 10   | Screw-Flange, Thread<br>Forming (M6X1.0X16) ● |
| 2    | 24 100 02-S  | 2    | Nut-Plastic ●                                 | 13   | 24 063 20-S  | 1    | Baffle-Barrel, Cylinder (No.<br>2 Side) ●     |
| 3    | 25 086 43-S  | 1    | Screw-Set (10-24X.25) ●                       | 14   | 24 063 17-S  | 1    | Baffle-Valley (No. 2 Side) ●                  |
| 4    | 24 100 01-S  | 3    | Nut-Plastic ●                                 | 15   | M-545010-S   | 2    | Screw-HHFTF (M5X.80X10)<br>●                  |
| 5    | 24 755 81-S  | 1    | Fixed Guard Kit (Includes<br>Ref 7, 19, 22) ● | 16   | 24 063 59-S  | 1    | Baffle-Valley (No. 1 Side) ●                  |
| 6    | 24 096 85-S  | 1    | Cover-Housing, Blower ●                       | 17   | 24 063 58-S  | 1    | Baffle-Barrel, Cylinder (No.<br>1 Side) ●     |
| 7    | 24 332 01-S  | 5    | Insert-Threaded ●                             | 18   | 24 146 20-S  | 1    | Plate-Backing (No. 1 Side) ●                  |
| 8    | M-551016-S   | 1    | Screw-Hex Flange, Heavy<br>(M5X0.8X16) ●      | 19   | 24 113 18-S  | 1    | Decal-Screen, Grass ●                         |
| 9    | M-545016-S   | 3    | Screw-Flange, Thread<br>Forming (M5X0.8X16) ● | 20   | 25 113 24-S  | 1    | Decal-Screen, Grass ●                         |
| 10   | M-545020-S   | 4    | Screw-Flange, Thread<br>Forming (M5X.8X20) ●  | 21   | 24 113 96-S  | 1    | Decal-22HP ●                                  |
| 11   | 24 146 16-S  | 1    | Plate-Backing (No. 2 Side) ●                  | 22   | 25 086 160-S | 5    | Screw-Sems ●                                  |

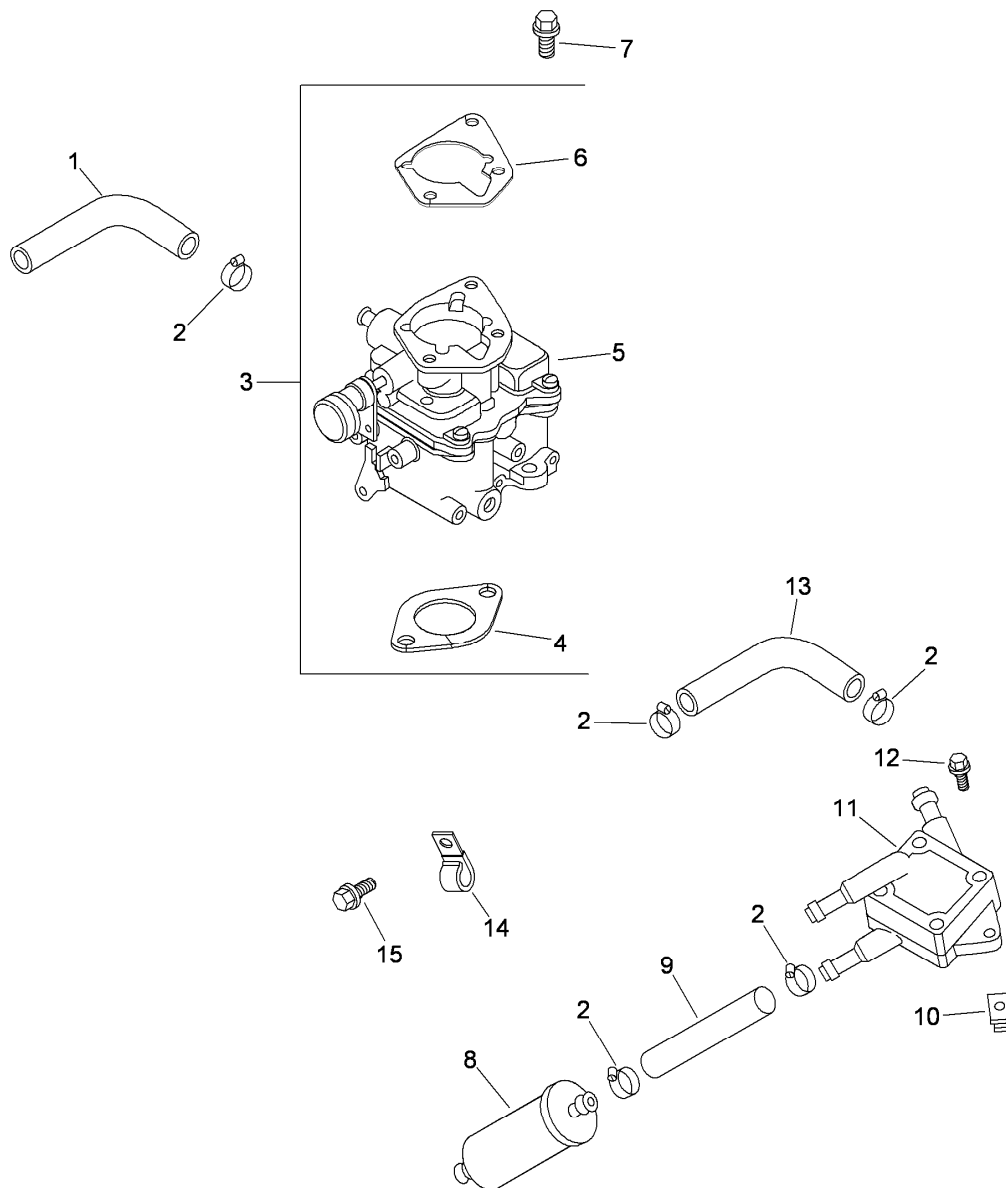
● Obtain parts from [www.kohlerplus.com](http://www.kohlerplus.com)



## Starter Assembly Kohler CH23S-76549

| 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 ASM (Solenoid Shift) (Includes Ref 4-8) ● |
| 4    | 25 086 113  | 3    | Screw-External Torx Head ●                        |
| 5    | 25 435 05-S | 1    | Solenoid Kit (Includes Ref 4) ●                   |
| 6    | 25 755 33-S | 1    | Pinion Drive Kit (Includes Ref 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)



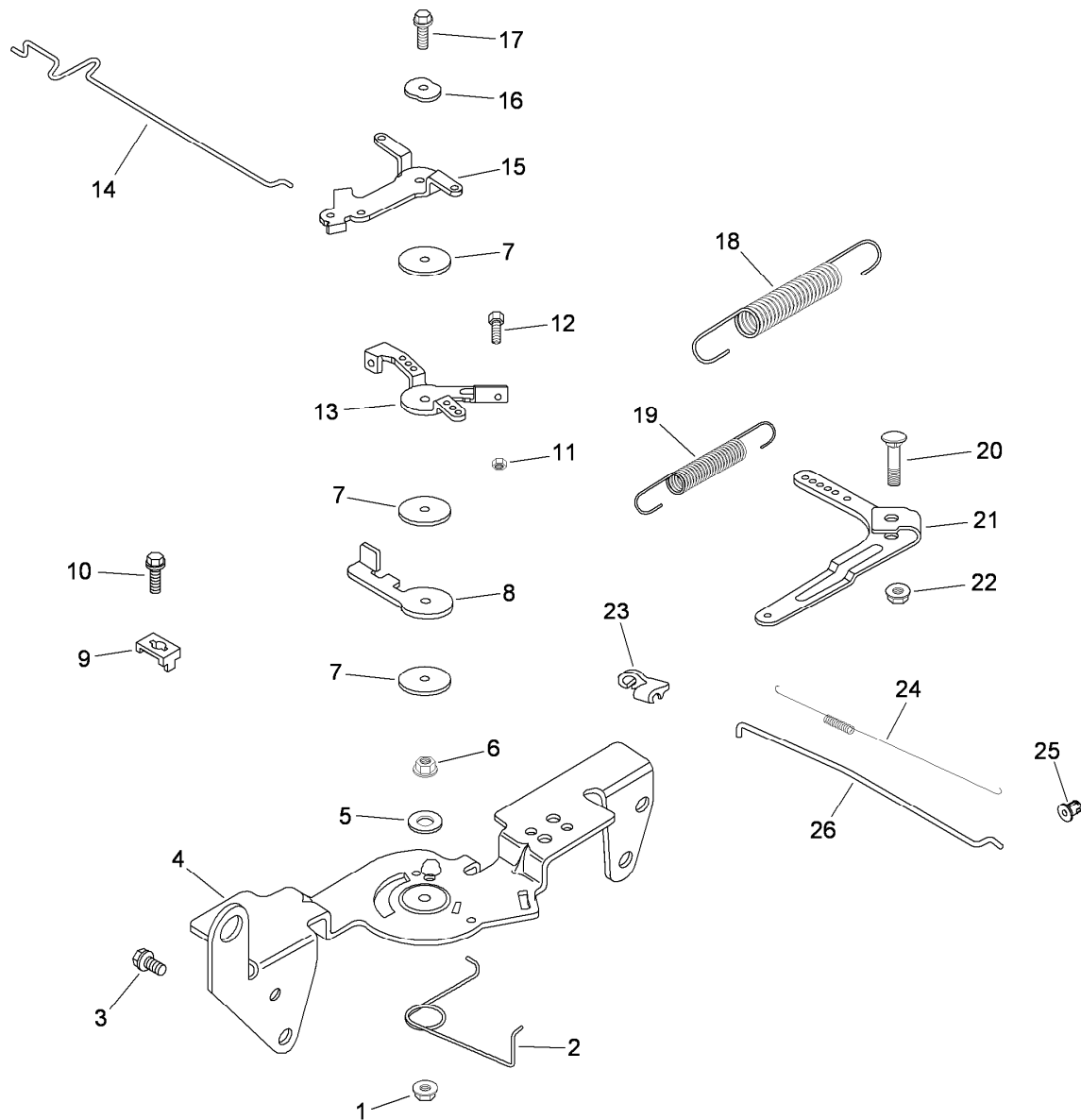
## Fuel System Assembly Kohler CH23S-76549

| Ref. | Part Number | Qty. | Description                         |
|------|-------------|------|-------------------------------------|
| 1    | 25 353 32-S | 1    | Line-Fuel (9.5) ■                   |
| 2    | 25 237 14-S | 6    | Clamp-Hose, Spring (1/2) ■          |
| 3    | 24 853 59-S | 1    | Carburetor Kit (Includes Ref 4-6) ■ |
| 4    | 24 041 17-S | 1    | Gasket-Carburetor ■                 |
| 5    | 24 053 59   | 1    | Carburetor ASM ■                    |
| 6    | 24 041 06-S | 1    | Gasket-Base, Air Cleaner ■          |
| 7    | M-651030-S  | 2    | Screw-Flange (M6X1.0X30) ■          |
| 8    | 24 050 02-S | 1    | Filter-Fuel ■                       |
| 9    | 25 353 15-S | 1    | Line-Fuel (3.5) ■                   |
| 10   | 24 100 01-S | 2    | Nut-Plastic ■                       |

| Ref. | Part Number  | Qty. | Description                       |
|------|--------------|------|-----------------------------------|
| 11   | 24 393 16-S  | 1    | Pump-Fuel ■                       |
| 12   | 24 086 12-S  | 2    | Screw-TAP (M6X1.7X18) ■           |
| 13   | 24 353 02-S  | 1    | Line-Fuel, Flexible (15.5) ■      |
| 14   | M-650012-S   | 1    | Screw-HF (M6X1.0X12) ■            |
| 15   | 47 154 01-S  | 1    | Clip-Cable ■                      |
|      | 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 ■●               |
|      | 24 757 125-S | 1    | High Altitude Kit With Gaskets ■● |

● Not illustrated

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

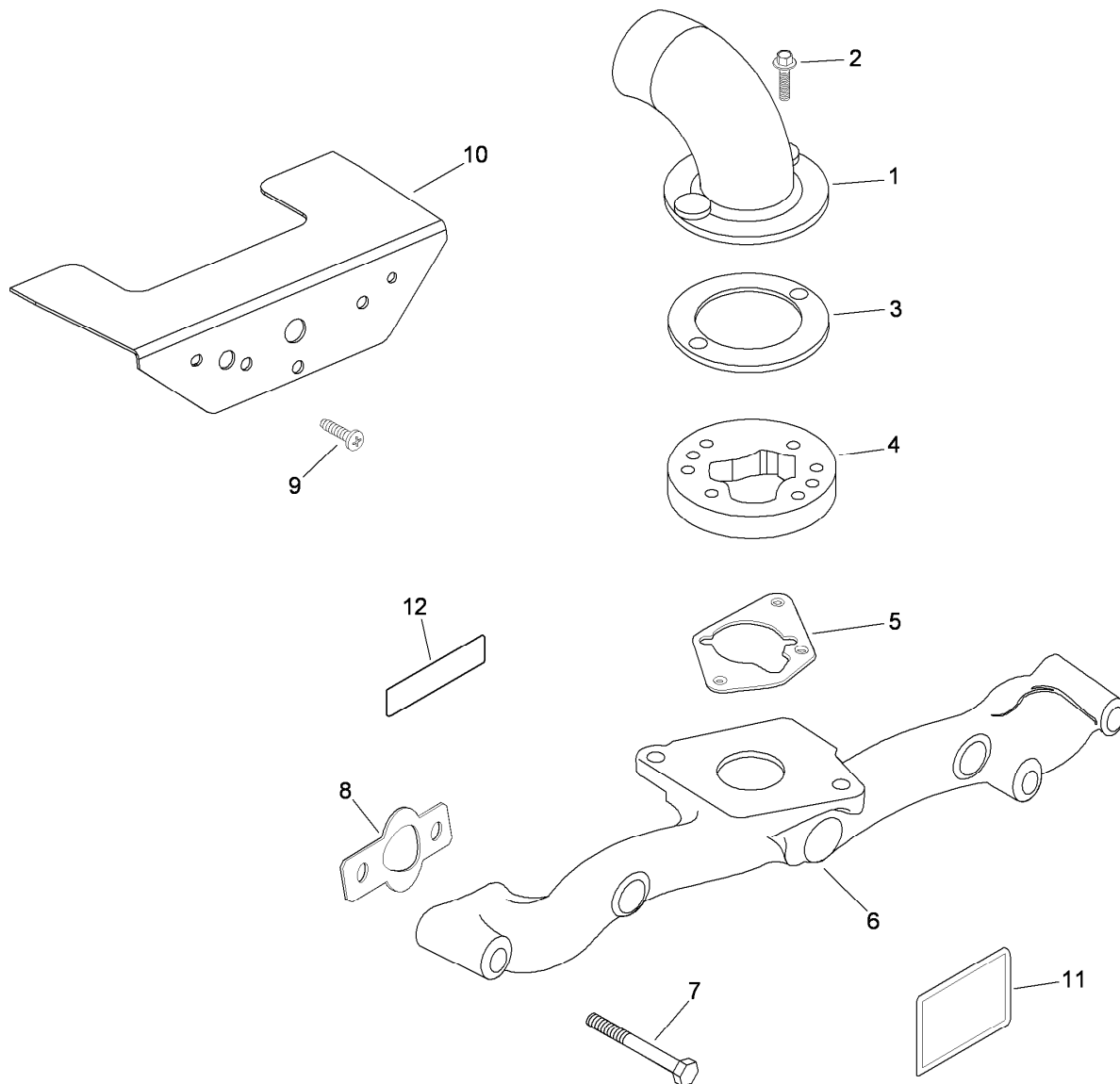


## Engine Control Assembly Kohler CH23S-76549

| Ref. | Part Number | Qty. | Description                                |
|------|-------------|------|--------------------------------------------|
| 1    | M-547050-S  | 1    | Nut-Lock (M5X.8) ●                         |
| 2    | 24 089 03-S | 1    | Spring-Return, Choke ●                     |
| 3    | M-645016-S  | 4    | Screw-Flange, Thread Forming (M6X1.0X16) ● |
| 4    | 24 126 56-S | 1    | Bracket-Control ●                          |
| 5    | X-20-1-S    | 1    | Washer-Lock (.25) ●                        |
| 6    | M-541050-S  | 1    | Nut-HF (M5X0.8) ●                          |
| 7    | 24 468 01-S | 3    | Washer-Flat (5.5MM) ●                      |
| 8    | 24 090 07-S | 1    | Lever-Actuator, Throttle ●                 |
| 9    | 12 237 01-S | 2    | Clamp-Cable ●                              |
| 10   | M-545016-S  | 3    | Screw-Flange, Thread Forming (M5X0.8X16) ● |
| 11   | M-446030-S  | 1    | Nut (M4X0.7) ●                             |
| 12   | M-401030-S  | 1    | Screw (M4X0.7X30) ●                        |
| 13   | 24 090 03-S | 1    | Lever-Control, Throttle ●                  |
| 14   | 24 079 21-S | 1    | Linkage-Choke ●                            |

| Ref. | Part Number | Qty. | Description                               |
|------|-------------|------|-------------------------------------------|
| 15   | 24 090 05-S | 1    | Lever-Choke ●                             |
| 16   | 41 468 03-S | 1    | Washer-Spring (1/4) ●                     |
| 17   | M-545020-S  | 1    | Screw-Flange, Thread Forming (M5X.8X20) ● |
| 18   | 24 089 51-S | 1    | Spring-Limiter, Throttle ●                |
| 19   | 24 089 46-S | 1    | Spring-Governor ●                         |
| 20   | 24 211 03-S | 1    | Bolt-Sq Neck, Rd HD (M6X1.0X25) ●         |
| 21   | 24 090 33-S | 1    | Lever-Governor ●                          |
| 22   | M-641060-S  | 1    | Nut-Flange (M6X1.0) ●                     |
| 23   | 25 158 11-S | 1    | Bushing-Retaining, Linkage ●              |
| 24   | 24 089 01-S | 1    | Spring-Linkage ●                          |
| 25   | 25 158 08-S | 1    | Bushing-Linkage, Throttle ●               |
| 26   | 24 079 01-S | 1    | Linkage-Throttle ●                        |

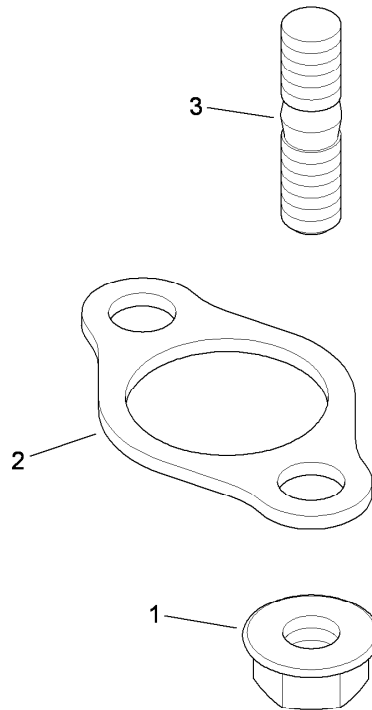
● Obtain parts from [www.kohlerplus.com](http://www.kohlerplus.com)



## Air Intake and Filtration Assembly Kohler CH23S-76549

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    | 24 029 21-S | 1    | Adapter-Cleaner, Air ●     |
| 2    | M-639016-S  | 6    | Screw-HF (M6X1.0X16) ●     |
| 3    | 24 041 34-S | 1    | Gasket-Adapter ●           |
| 4    | 24 029 31-S | 1    | Adapter ●                  |
| 5    | 24 041 06-S | 1    | Gasket-Base, Air Cleaner ● |
| 6    | 24 164 14-S | 1    | Manifold-Intake ●          |
| 7    | 25 086 84-S | 4    | Screw-HF (M6X1.0X55) ●     |
| 8    | 24 041 01-S | 2    | Gasket-Manifold, Intake ●  |
| 9    | 24 086 06-S | 2    | Screw-PPH (11-16X3/4) ●    |
| 10   | 24 314 25-S | 1    | Shield-Debris ●            |
| 11   | 25 113 27-S | 1    | Decal-Cleaner, Air ●       |
| 12   | 24 146 25-S | 1    | Decal-22HP ●               |

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



## Exhaust Assembly Kohler CH23S-76549

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>     |
|-------------|--------------------|-------------|------------------------|
| 1           | M-841080-S         | 4           | Nut-Flange (M8X1.25) ■ |
| 2           | 24 041 49-S        | 2           | Gasket-Exhaust ■       |
| 3           | 25 072 04-S        | 4           | Stud (M8X1.25X33) ■    |

● Not illustrated

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

# Attachments and Accessories

## For 22318 Dingo 323 Compact Utility Loader

| Product Name                           | Model/Part |
|----------------------------------------|------------|
| Tire Chain Kit .....                   | 100-4140   |
| Helmet-Face Shield .....               | 100-4143   |
| Light Kit.....                         | 100-8940   |
| Narrow Tire ASM .....                  | 104-0572   |
| Tube-Tire (18 x 8.50-10) .....         | 105-4070   |
| Rubber Foot Mat.....                   | 105-5805   |
| Tube-Tire (18 X 8.50-8).....           | 106396     |
| CE Conversion Kit .....                | 22366      |
| 4 Cubic Foot Standard Bucket .....     | 22409      |
| Loose Materials Bucket .....           | 22410      |
| 48in Hydraulic Blade .....             | 22414      |
| Rotary Broom .....                     | 22415      |
| Counterweight .....                    | 22417      |
| Bore Drive Head .....                  | 22420      |
| Rod and Reamer .....                   | 22421      |
| Multi-Purpose Tool .....               | 22423      |
| Power Box Rake .....                   | 22425      |
| Stump Grinder .....                    | 22429      |
| Tree Forks .....                       | 22438      |
| Cement Bowl .....                      | 22442      |
| The Eliminator Scarifier/Groomer ..... | 22443      |
| 40in Tiller .....                      | 22445      |
| Snowthrower.....                       | 22456      |
| Trencher Head.....                     | 22470      |
| High-Speed Trencher Head .....         | 22471      |
| Narrow Bucket .....                    | 22520      |
| Over-the-Tire Rubber Tracks .....      | 22662      |
| Steel Track Kit .....                  | 22665      |
| Auger Head .....                       | 22802      |
| Universal Swivel Auger Head .....      | 22803      |
| Vibratory Plow .....                   | 22910      |
| Soil Cultivator .....                  | 23101      |
| Seeder Box Kit, Soil Cultivator .....  | 23120      |
| Concrete Breaker .....                 | 23135      |
| Backhoe.....                           | 23163      |
| Adjustable Forks.....                  | 23164      |
| Leveler.....                           | 23165      |
| Tube .....                             | 232-37     |
| LH Wheel And Tire ASM .....            | 98-2747    |
| Wheel and Tire ASM.....                | 98-4709    |
| Spark Arrestor .....                   | 98-9099    |
| RH Wheel And Tire ASM .....            | 99-1447    |
| RH Wheel And Tire ASM (Powerlug) ..... | 99-3140    |
| LH Wheel And Tire ASM (Powerlug).....  | 99-3141    |
| Hydraulic Relief Valve Kit.....        | 99-4360    |

**Notes:**



**Count on it.**