



## Dingo<sup>®</sup> 220 Compact Utility Loader

Model No. 22311 - 240000201 and up.

### Parts Catalog

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#### Ordering Replacement Parts

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

#### Understanding Reference Numbers

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

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

#### Service Assembly Reference Numbers

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

For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually. Reference numbers of this type appear in illustrations and in part lists.

#### Reference Numbers Indicating Quantity

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

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

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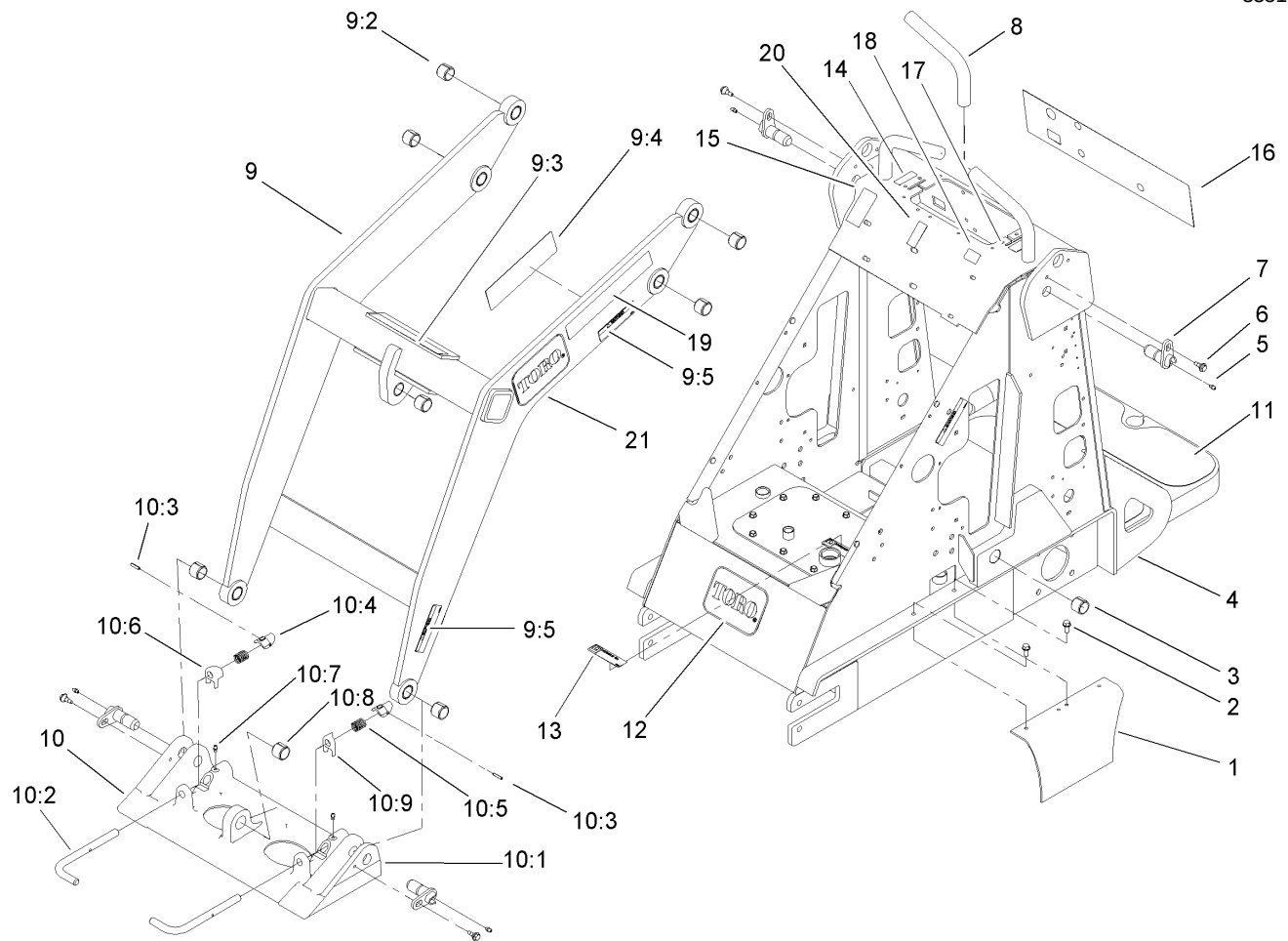
## Part Description Abbreviations

Part descriptions in this catalog may include the following abbreviations.

|                                            |                                    |
|--------------------------------------------|------------------------------------|
| AR. .... as required                       | INC. .... incorporated             |
| ASM. .... assembly                         | LH. .... left hand                 |
| CARR. .... carriage                        | NI. .... nylon insert              |
| DEG. .... degrees                          | PPH. .... phillips pan head        |
| FH. .... flat head                         | PTH. .... phillips truss head      |
| GA. .... gauge                             | PTO. .... power take off           |
| HF. .... hex flange                        | RH. .... right hand                |
| HH. .... hex head                          | SFH. .... slotted fillister head   |
| HHE. .... hex head flange                  | SHH. .... slotted hex head         |
| HHFTF. .... hex head flange thread forming | SHWH. .... slotted hex washer head |
| HJ. .... hex jam                           | SPH. .... slotted pan head         |
| HLH. .... hex lag head                     | SQH. .... square head              |
| HOC. .... height-of-cut                    | SRH. .... slotted round head       |
| HS. .... hex                               | STD. .... standard                 |
| HSBH. .... hex socket button head          | TAP. .... self tapping             |
| HSFH. .... hex socket flat head            | TTH. .... torx truss head          |
| HSH. .... hex socket head                  | WH. .... wing head                 |
| HWH. .... hex washer head                  |                                    |
| HWHTF. .... hex washer head thread forming |                                    |
| HYD. .... hydraulic                        |                                    |

## Footnotes

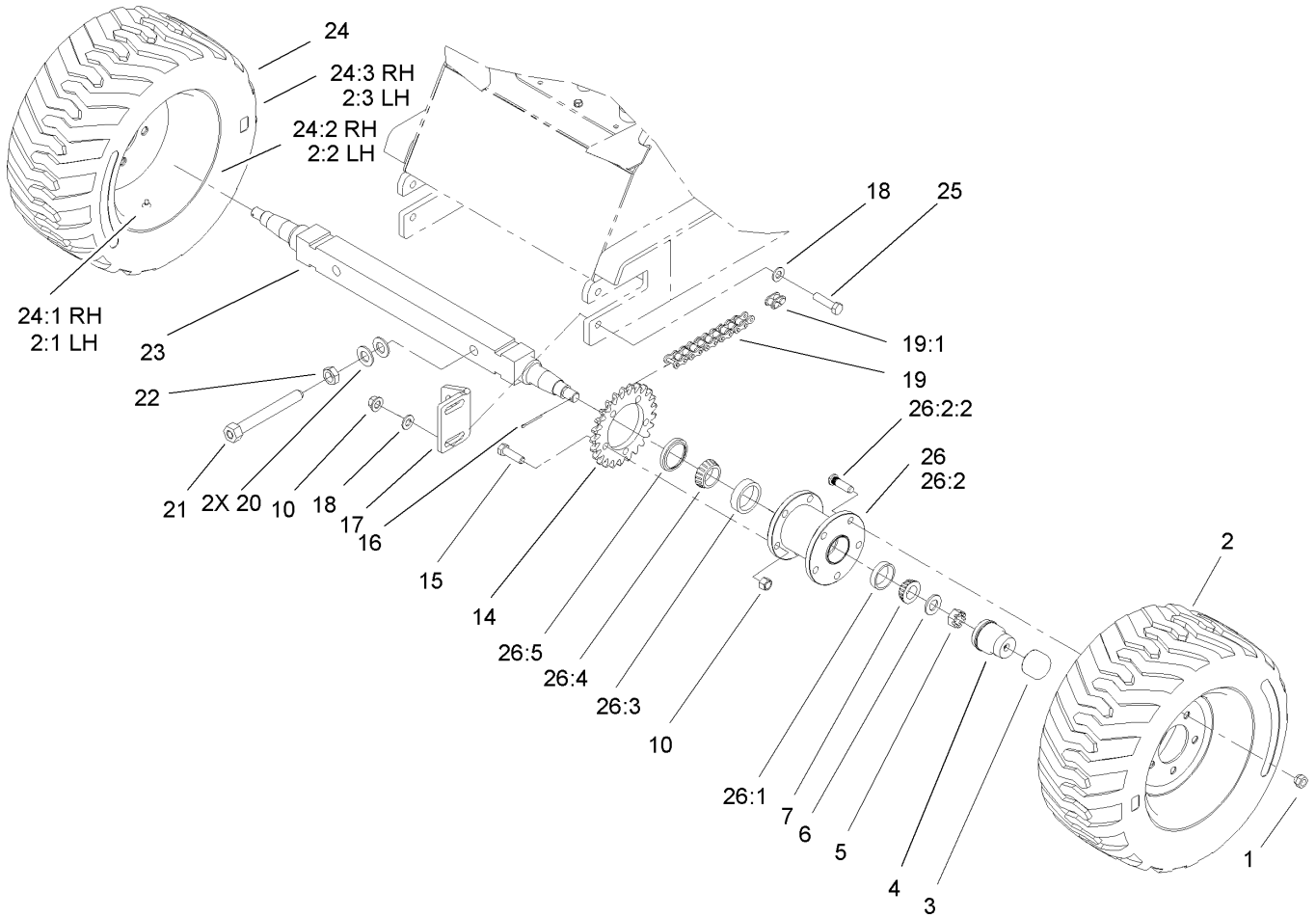
- |                            |                           |
|----------------------------|---------------------------|
| ❶ Not illustrated          | ❷ Not serviced separately |
| ❸ Obtain Parts From Kohler |                           |



## Frame and Loader Arm Assembly

| Ref  | Part No.    | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 98-4669-01  | 2    | Cover-Chain          |
| 2    | 32144-70    | 4    | Screw-HH             |
| 3    | 98-4871     | 2    | Bushing-Tension      |
| 4    | 105-8363    | 1    | Frame ASM            |
| 5    | 302-5       | 4    | Fitting-Grease       |
| 6    | 99-5105     | 4    | Bolt-Shoulder        |
| 7    | 99-1414     | 4    | Pin-Pivot            |
| 8    | 98-4845     | 2    | Grip-Cushion         |
| 9    | 106-8155    | 1    | Loader And Decal ASM |
| 9:2  | 98-4871     | 7    | Bushing-Tension      |
| 9:3  | 98-4682     | 1    | Decal-Caution        |
| 9:4  | 98-9051     | 1    | Decal-Danger         |
| 9:5  | 100-6141    | 4    | Decal-Pinch          |
| 10   | 105-8364    | 1    | Quick Attach ASM     |
| 10:1 | 105-0245-03 | 1    | Mount-Attach, Quick  |
| 10:2 | 105-8367    | 2    | Pin-Locking          |
| 10:3 | 3285-1      | 2    | Pin-Grooved          |
| 10:4 | 105-0246    | 2    | Cam                  |
| 10:5 | 98-4694     | 2    | Spring-Compression   |
| 10:6 | 104-5909    | 1    | Stop-RH              |
| 10:7 | 302-5       | 2    | Fitting-Grease       |
| 10:8 | 98-4871     | 1    | Bushing-Tension      |
| 10:9 | 104-5903    | 1    | Stop-LH              |
| 11   | 98-9947     | 2    | Tread-Foot           |

| Ref | Part No. | Qty. | Description            |
|-----|----------|------|------------------------|
| 12  | 62-5550  | 1    | Decal                  |
| 13  | 105-8432 | 1    | Decal-Oil, Hydraulic   |
| 14  | 94-2551  | 1    | Decal-Choke            |
| 15  | 98-4677  | 1    | Decal-Power, Auxiliary |
| 16  | 99-3157  | 1    | Decal-Panel, Control   |
| 17  | 98-8219  | 1    | Decal-Throttle         |
| 18  | 98-8220  | 1    | Decal-Limiter, Speed   |
| 19  | 105-8426 | 2    | Decal-Dingo 220        |
| 20  | 98-8235  | 1    | Decal-Selector         |
| 21  | 93-7340  | 2    | Decal-Logo             |

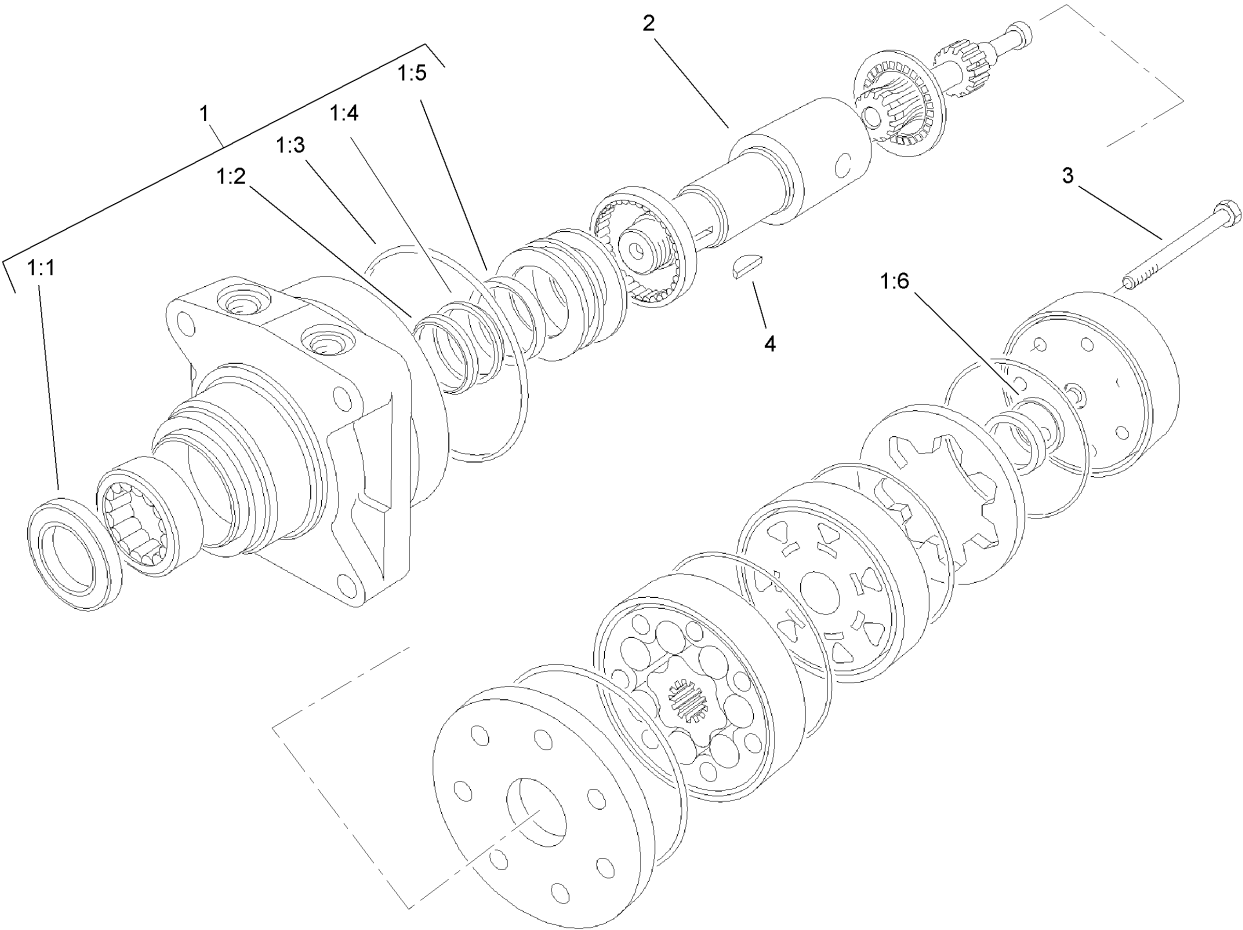


## Front Wheel Assembly

| Ref  | Part No.   | Qty. | Description            |
|------|------------|------|------------------------|
| 1    | 242-50     | 10   | Nut-Lug                |
| 2    | 98-2747    | 1    | LH Wheel And Tire ASM  |
| 2:1  | 232-27     | 1    | Stem-Valve             |
| 2:2  | 98-2748    | 1    | Wheel                  |
| 2:3  | 98-2749    | 1    | Tire-Loader Style      |
| 3    | 100-3809   | 2    | Cap-Protector, Bearing |
| 4    | 100-3769   | 2    | Protector-Bearing      |
| 5    | 32136-5    | 2    | Nut-Slotted            |
| 6    | 3256-28    | 2    | Washer-Flat            |
| 7    | 254-94     | 2    | Bearing-Cone, Tapered  |
| 10   | 3296-23    | 14   | Nut-Lock, NI           |
| 14   | 98-9937    | 2    | Sprocket-25t           |
| 15   | 325-7      | 10   | Screw-HH               |
| 16   | 3272-12    | 2    | Pin-Cotter             |
| 17   | 99-5106-03 | 2    | Bracket-Axle           |
| 18   | 3256-26    | 8    | Washer-Flat            |
| 19   | 98-4906    | 2    | Chain-Roller           |
| 19:1 | 98-9089    | 1    | Link-Connecting        |
| 20   | 3256-28    | 4    | Washer-Flat            |
| 21   | 98-4706    | 2    | Bolt-Tension           |
| 22   | 3217-12    | 2    | Nut-Hex                |
| 23   | 98-4825    | 1    | Axle                   |
| 24   | 99-1447    | 1    | RH Wheel And Tire ASM  |
| 24:1 | 232-27     | 1    | Stem-Valve             |

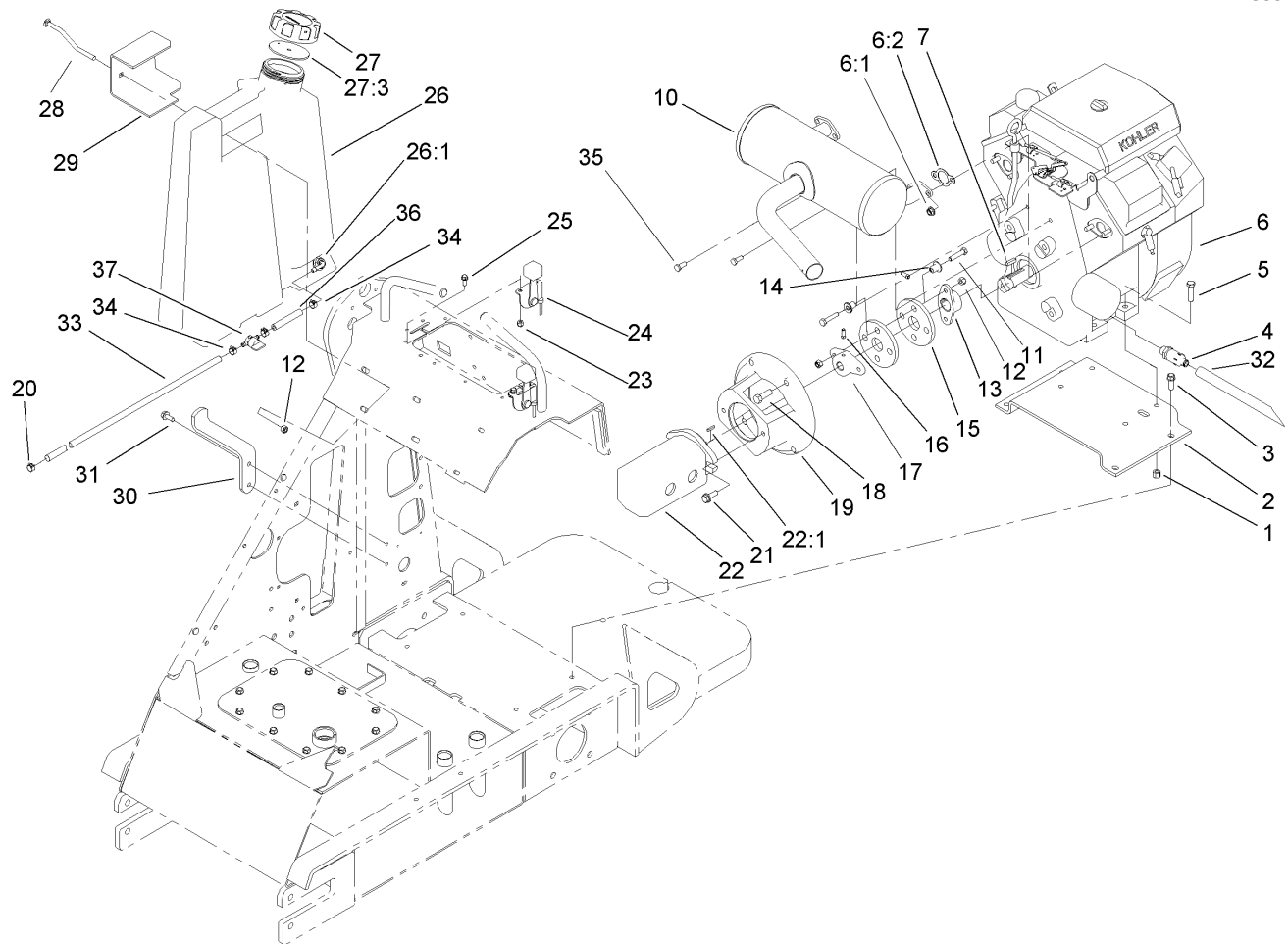
| Ref    | Part No. | Qty. | Description           |
|--------|----------|------|-----------------------|
| 24:2   | 98-2748  | 1    | Wheel                 |
| 24:3   | 98-2749  | 1    | Tire-Loader Style     |
| 25     | 325-8    | 4    | Screw-HH              |
| 26     |          | 2    | Hub-Front             |
| 26:1   | 254-72   | 1    | Bearing-Cup, Tapered  |
| 26:2   | 100-9989 | 1    | Front Hub ASM         |
| 26:2:2 | 10-6830  | 5    | Stud-Type, Drive      |
| 26:3   | 254-107  | 1    | Cup-Bearing, Tapered  |
| 26:4   | 254-106  | 1    | Cone-Bearing, Tapered |
| 26:5   | 98-4705  | 1    | Seal-Bearing, Wheel   |

5



Hydraulic Motor Assembly No. 99-3052

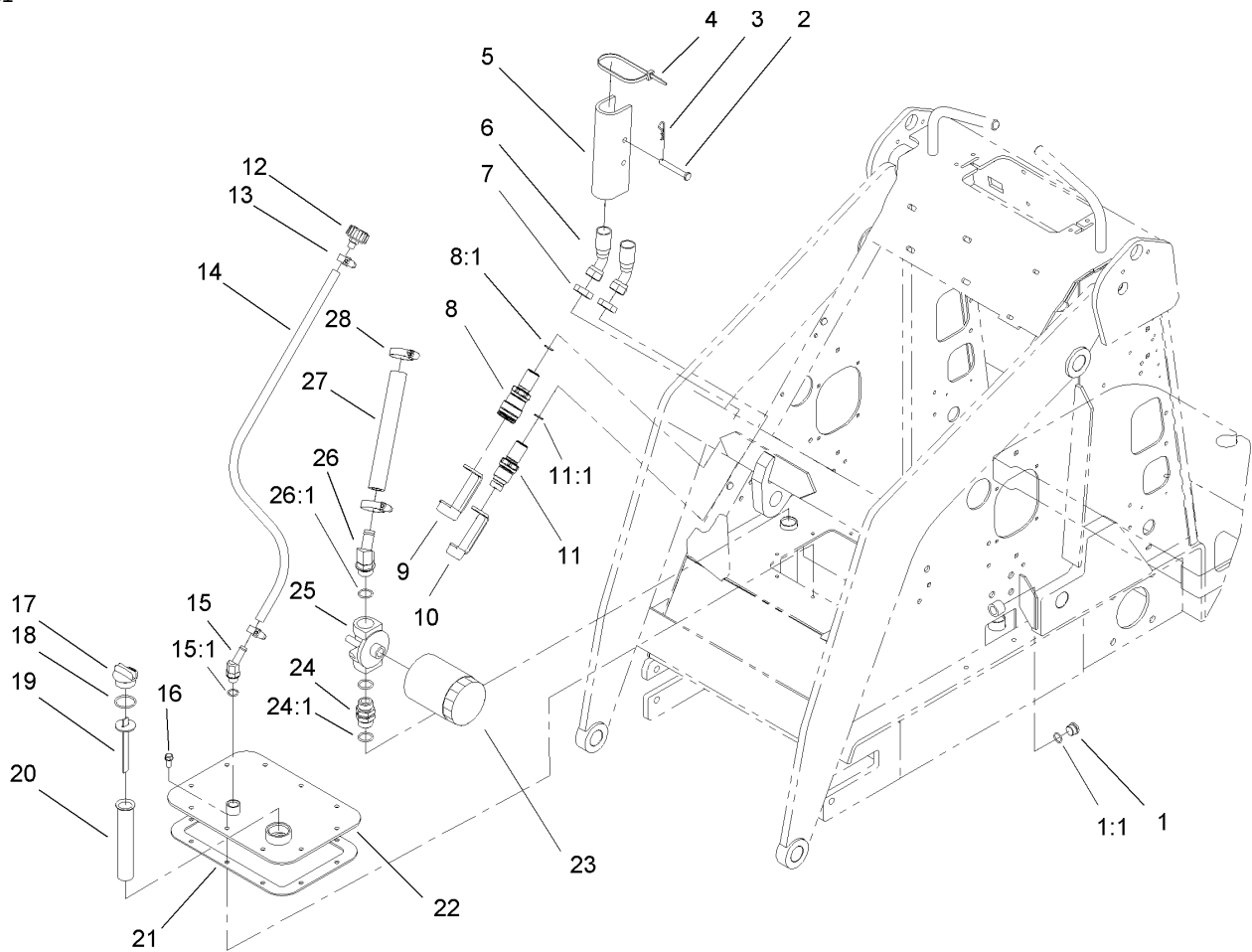
| Ref | Part No. | Qty. | Description         |  |  |  |  |
|-----|----------|------|---------------------|--|--|--|--|
| 1   | 94-8178  | 1    | Seal Kit            |  |  |  |  |
| 1:1 |          | 1    | Seal-Dirt And Water |  |  |  |  |
| 1:2 |          | 1    | Washer-Backup       |  |  |  |  |
| 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        |  |  |  |  |



## Engine Assembly

| Ref    | Part No.   | 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                     |
| ② 6    |            | 1    | Engine-Kohler Ch20s Ps-64667 |
| 6:1    | 92-6780    | 4    | Nut-HF                       |
| 6:2    | 93-0350    | 2    | Gasket-Exhaust               |
| 7      | 10-7070    | 1    | Key-Square                   |
| 10     | 105-8381   | 1    | Muffler                      |
| 11     | 322-7      | 4    | Screw-HH                     |
| 12     | 3296-29    | 5    | Nut-Lock, NI                 |
| 13     | 27-1960    | 1    | Hub-Engine                   |
| 14     | 71-4411    | 4    | Spacer                       |
| 15     | 44-2230    | 2    | Coupling-Rubber              |
| 16     | 3241-6     | 4    | Screw-SQH                    |
| 17     | 98-4701    | 1    | Hub-Pump                     |
| 18     | 324-6      | 4    | Screw-HH                     |
| 19     | 98-2751-03 | 1    | Mount-Pump                   |
| 20     | 2412-98    | 1    | Clamp                        |
| 21     | 66-9300    | 2    | Screw-HF                     |
| 22     | 98-4702    | 1    | Pump-Gear, Tandem            |
| 22:1   | 98-4700    | 1    | Key-Square                   |
| ① 22:2 | 99-1353    | 1    | Kit-Seal                     |

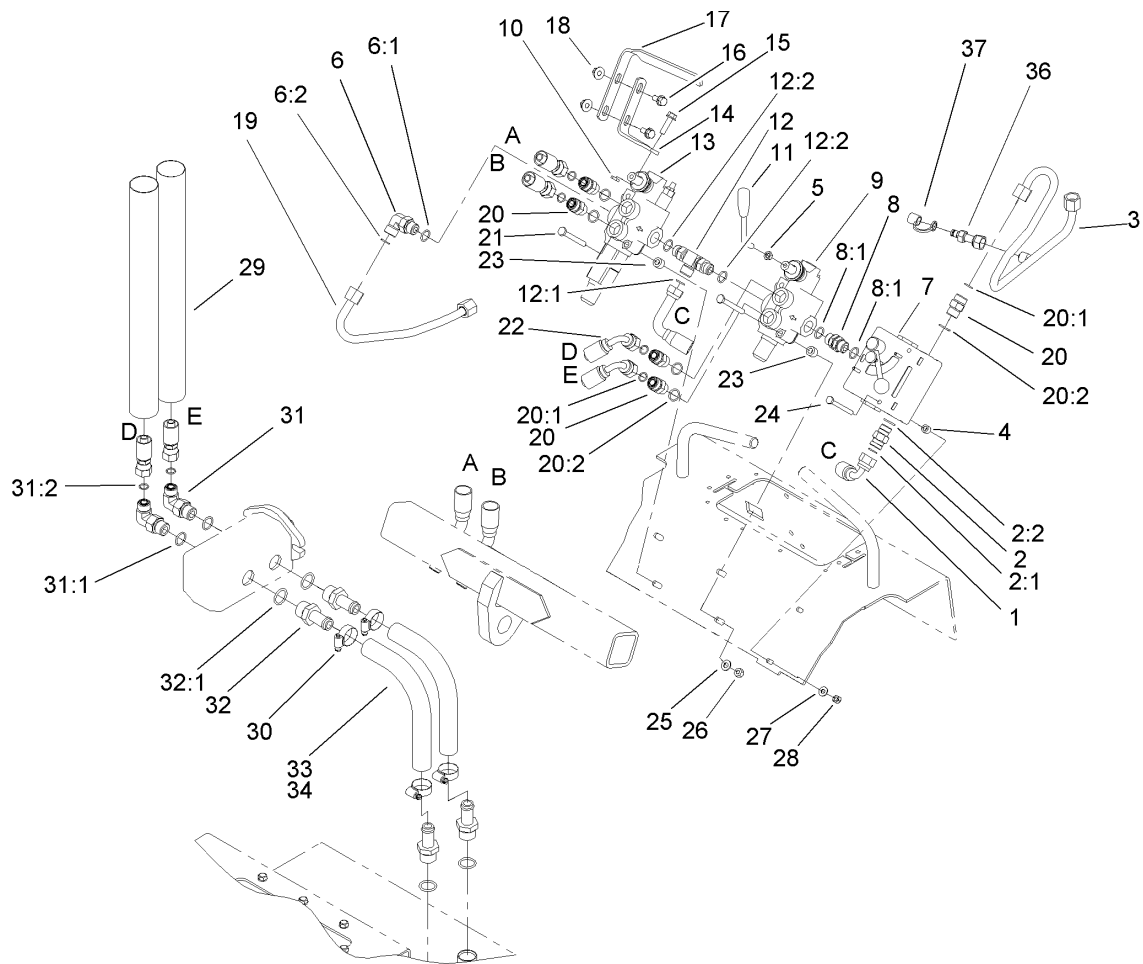
| Ref  | Part No.   | Qty. | Description              |
|------|------------|------|--------------------------|
| 23   | 3296-42    | 4    | Nut-Lock, NI             |
| 24   | 85-9310    | 2    | Control-Choke / Throttle |
| 25   | 3234-33    | 4    | Screw-HHF                |
| 26   | 105-8440   | 1    | RH Fuel Tank ASM         |
| 26:1 | 103-2605   | 1    | Fitting-Fuel, Bulkhead   |
| 27   | 104-7418   | 1    | Cap-Fuel, Gas            |
| 27:3 | 104-7420   | 1    | Gasket-Vented            |
| 28   | 98-4657    | 1    | Bolt-Mount               |
| 29   | 98-4655-03 | 1    | Plate-Mount              |
| 30   | 98-4656-03 | 1    | Mount-Bottom, Tank       |
| 31   | 32144-70   | 2    | Screw-HH                 |
| 32   | 98-4667    | 1    | Hose-Drain, Oil          |
| 33   | 63-7721    | 1    | Hose-Fuel                |
| 34   | 92-2379    | 3    | Clamp-Hose               |
| 35   | 33114-020  | 2    | Screw-HH                 |
| 36   | 99-5101    | 1    | Hose-Fuel                |
| 37   | 1-603770   | 1    | Valve-Fuel               |



## Hydraulic Assembly

| Ref  | Part No.   | Qty. | Description          |
|------|------------|------|----------------------|
| 1    | 353-988    | 1    | Plug-Hex, Hollow     |
| 1:1  | 237-79     | 1    | O-Ring               |
| 2    | 283-52     | 2    | Pin-Clevis           |
| 3    | 3290-467   | 2    | Pin-Hair             |
| 4    | 3290-379   | 9    | Tie-Cable            |
| 5    | 98-4675-01 | 2    | Lock-Cylinder        |
| 6    | 100-8817   | 2    | HYD Hose ASM         |
| 7    | 340-74     | 2    | Locknut-Bulkhead     |
| 8    | 105-8394   | 1    | Bulkhead Coupler ASM |
| 8:1  | 237-65     | 1    | O-Ring               |
| 8:2  | 105-8396   | 1    | Seal Kit             |
| 9    | 100-8816   | 1    | Cap-Dust, Coupler    |
| 10   | 100-8815   | 1    | Cap-Dust, Nipple     |
| 11   | 105-8395   | 1    | Bulkhead Nipple ASM  |
| 11:1 | 237-65     | 1    | O-Ring               |
| 11:2 | 100-6120   | 1    | Seal Kit             |
| 12   | 68-6150    | 1    | Breather             |
| 13   | 2412-36    | 2    | Clamp-Hose           |
| 14   | 98-2708    | 1    | Hose-Vent            |
| 15   | 354-126    | 1    | Fitting-Hyd, 45 DEG  |
| 15:1 | 237-79     | 1    | O-Ring               |
| 16   | 98-9940    | 10   | Screw                |
| 17   | 93-7498    | 1    | Plug-Plastic         |
| 18   | 237-123    | 1    | O-Ring               |

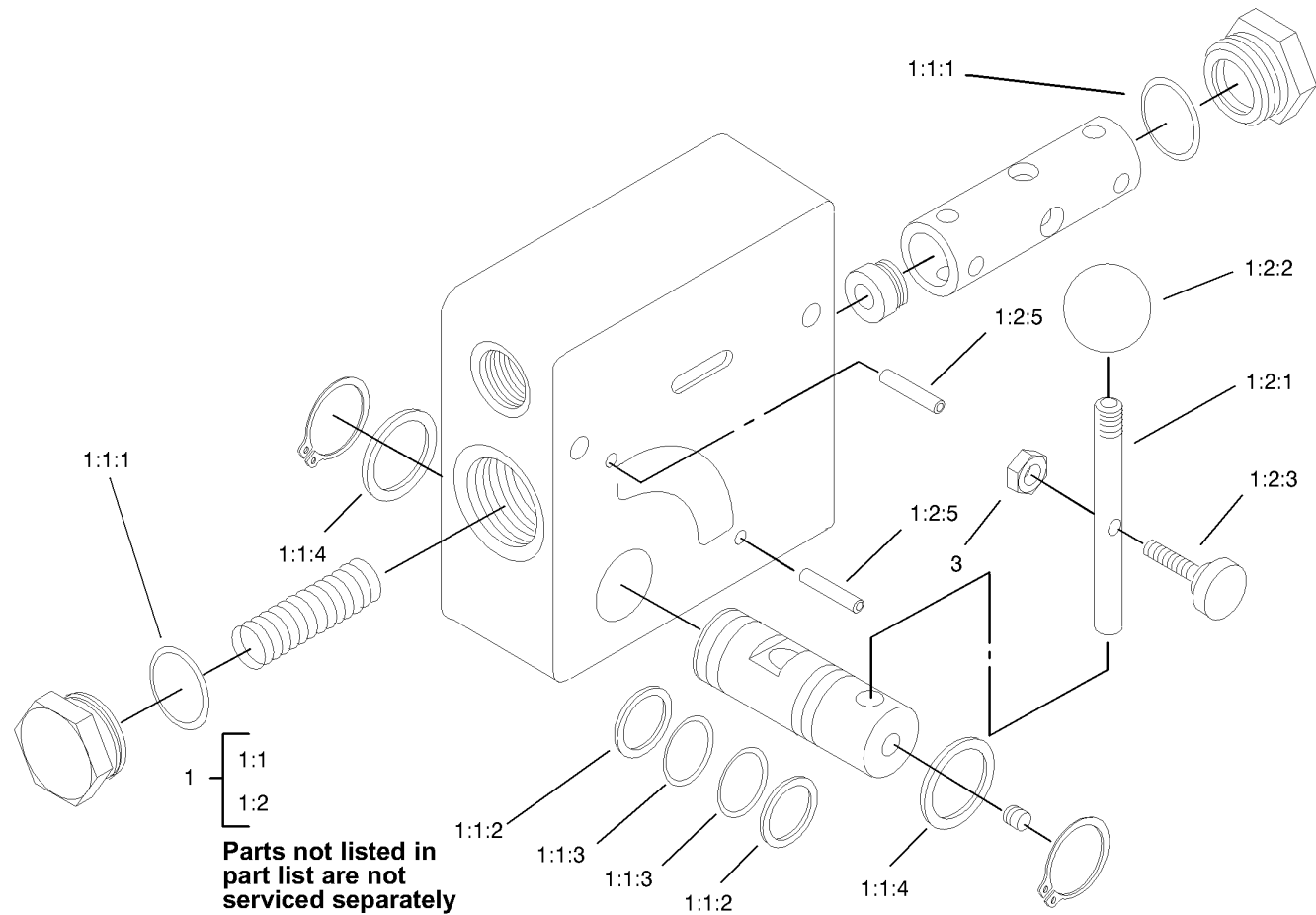
| Ref  | Part No. | Qty. | Description              |
|------|----------|------|--------------------------|
| 19   | 100-2097 | 1    | Dipstick-Oil             |
| 20   | 61-2790  | 1    | Filter-Screen            |
| 21   | 98-9927  | 1    | Gasket-Cover             |
| 22   | 98-2709  | 1    | Cover                    |
| 23   | 54-0110  | 1    | Filter-Oil, Transmission |
| 24   | 98-9906  | 1    | Fitting-Thread, Straight |
| 24:1 | 237-81   | 2    | O-Ring                   |
| 25   | 92-5821  | 1    | Filter Head ASM          |
| 26   | 354-127  | 1    | Elbow-45 DEG             |
| 26:1 | 237-81   | 1    | O-Ring                   |
| 27   | 98-2713  | 1    | Hose-Suction, HYD        |
| 28   | 2412-129 | 2    | Clamp-Hose               |



## Hydraulic Valve Assembly

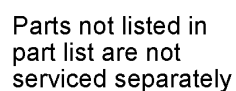
| Ref  | Part No.  | Qty. | Description              |
|------|-----------|------|--------------------------|
| 1    | 98-4744   | 1    | Hose ASM                 |
| 2    | 98-4735   | 1    | Valve-Check, HYD         |
| 2:1  | 237-30    | 1    | O-Ring                   |
| 2:2  | 237-79    | 1    | O-Ring                   |
| 3    | 105-7878  | 1    | Tube-Hydraulic           |
| 4    | 98-4799   | 2    | Tube-Spacer              |
| 5    | 42-9580   | 1    | Nut-Hex                  |
| 6    | 340-98    | 1    | Fitting-Hyd, 90 DEG      |
| 6:1  | 237-79    | 1    | O-Ring                   |
| 6:2  | 237-30    | 1    | O-Ring                   |
| 7    | 104-4221  | 1    | HYD Valve Kit            |
| 8    | 95-3209   | 1    | Fitting-Thread, Straight |
| 8:1  | 237-79    | 2    | O-Ring                   |
| 9    | 99-3072   | 1    | Valve-Selector           |
| 10   | 42-9580   | 1    | Nut-Hex                  |
| 11   | 98-4729   | 1    | Lever-Valve              |
| 12   | 98-9079   | 1    | Adapter-Tee, Adjustable  |
| 12:1 | 237-30    | 1    | O-Ring                   |
| 12:2 | 237-79    | 2    | O-Ring                   |
| 13   | 99-3077   | 1    | Valve-Hyd, Auxiliary     |
| 14   | 99-1376   | 1    | Mount-Control            |
| 15   | 33104-030 | 1    | Screw-HHF                |
| 16   | 3234-5    | 2    | Screw                    |
| 17   | 98-9090   | 1    | Grip-Control             |

| Ref  | Part No. | Qty. | Description           |
|------|----------|------|-----------------------|
| 18   | 32128-44 | 2    | Nut                   |
| 19   | 105-7879 | 1    | Tube-Hydraulic        |
| 20   | 340-4    | 5    | Fitting-Hyd, Straight |
| 20:1 | 237-30   | 1    | O-Ring                |
| 20:2 | 237-79   | 1    | O-Ring                |
| 21   | 322-13   | 4    | Screw-HH              |
| 22   | 98-4747  | 2    | HYD Hose ASM          |
| 23   | 98-4695  | 4    | Spacer                |
| 24   | 321-14   | 2    | Screw-HH              |
| 25   | 3256-23  | 4    | Washer-Flat           |
| 26   | 3296-29  | 4    | Nut-Lock, NI          |
| 27   | 3256-22  | 2    | Washer-Flat           |
| 28   | 3296-42  | 2    | Nut-Lock, NI          |
| 29   | 100-8818 | 2    | Sleeve-Guard, Hose    |
| 30   | 2412-129 | 4    | Clamp-Hose            |
| 31   | 340-105  | 2    | Fitting-Hyd, 90 DEG   |
| 31:1 | 237-80   | 1    | O-Ring                |
| 31:2 | 237-30   | 1    | O-Ring                |
| 32   | 354-73   | 4    | Fitting               |
| 32:1 | 237-81   | 1    | O-Ring                |
| 33   | 98-2713  | 2    | Hose-Suction, HYD     |
| 34   | 99-5349  | 2    | Spring-Compression    |
| 36   | 86-5480  | 1    | Nipple-Test           |
| 37   | 354-79   | 1    | Cap-Dust              |

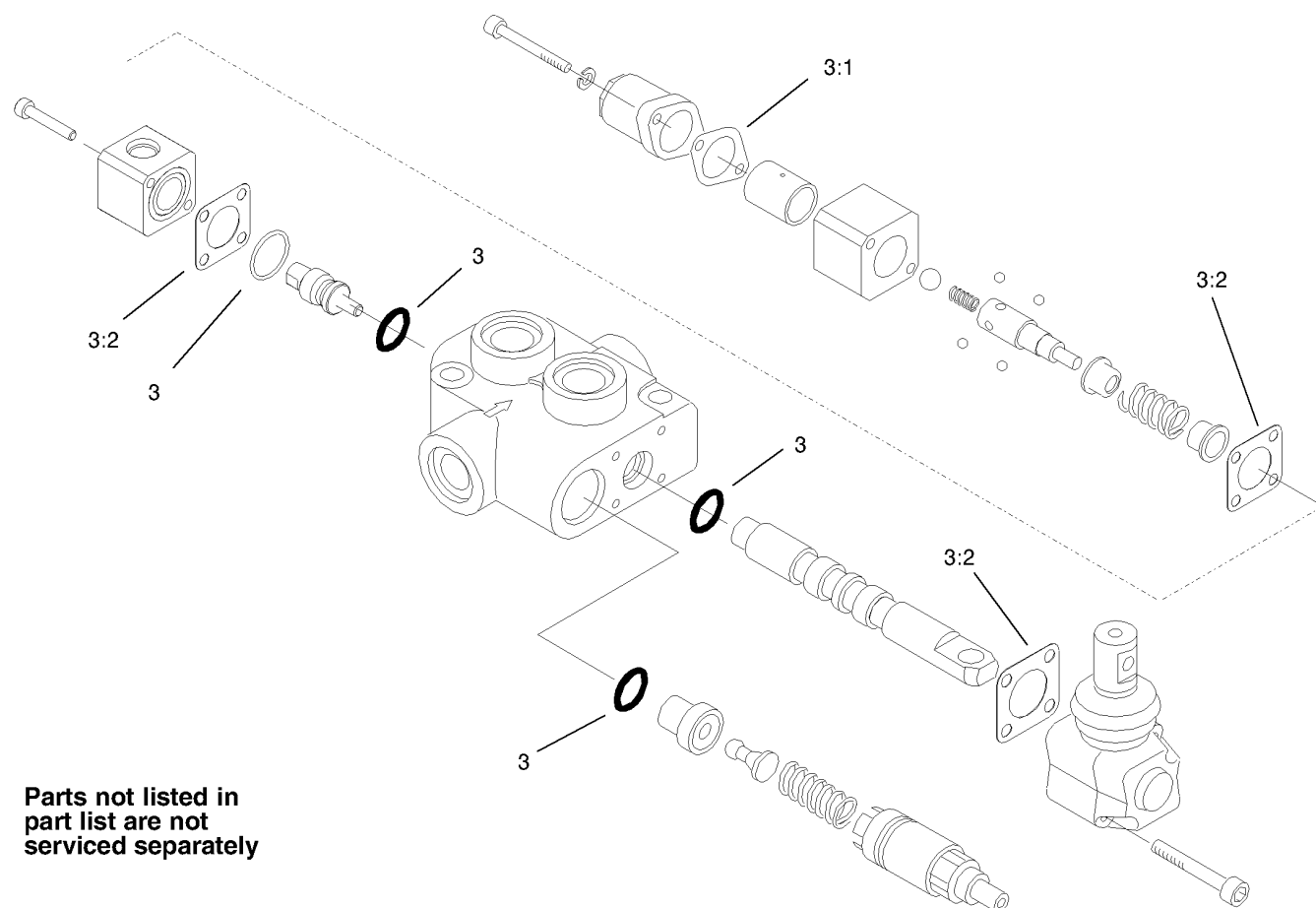


Hydraulic Valve Assembly No. 104-4221

| Ref   | Part No. | Qty. | Description           |  |  |  |  |
|-------|----------|------|-----------------------|--|--|--|--|
| 1     | 104-4231 | 1    | Valve-Flow, Hydraulic |  |  |  |  |
| 1:1   |          | 1    | Seal Kit              |  |  |  |  |
| 1:1:1 |          | 2    | O-Ring                |  |  |  |  |
| 1:1:2 |          | 2    | Back-Up               |  |  |  |  |
| 1:1:3 |          | 2    | O-Ring                |  |  |  |  |
| 1:1:4 | 98-9098  | 2    | Quad Ring             |  |  |  |  |
| 1:2   |          | 1    | Handle Hardware Kit   |  |  |  |  |
| 1:2:1 |          | 1    | Handle                |  |  |  |  |
| 1:2:2 |          | 1    | Knob                  |  |  |  |  |
| 1:2:3 |          | 1    | Screw-Thumb           |  |  |  |  |
| 1:2:5 | 3296-27  | 2    | Pin-Roll              |  |  |  |  |
| 3     |          | 1    | Nut-Lock NI           |  |  |  |  |



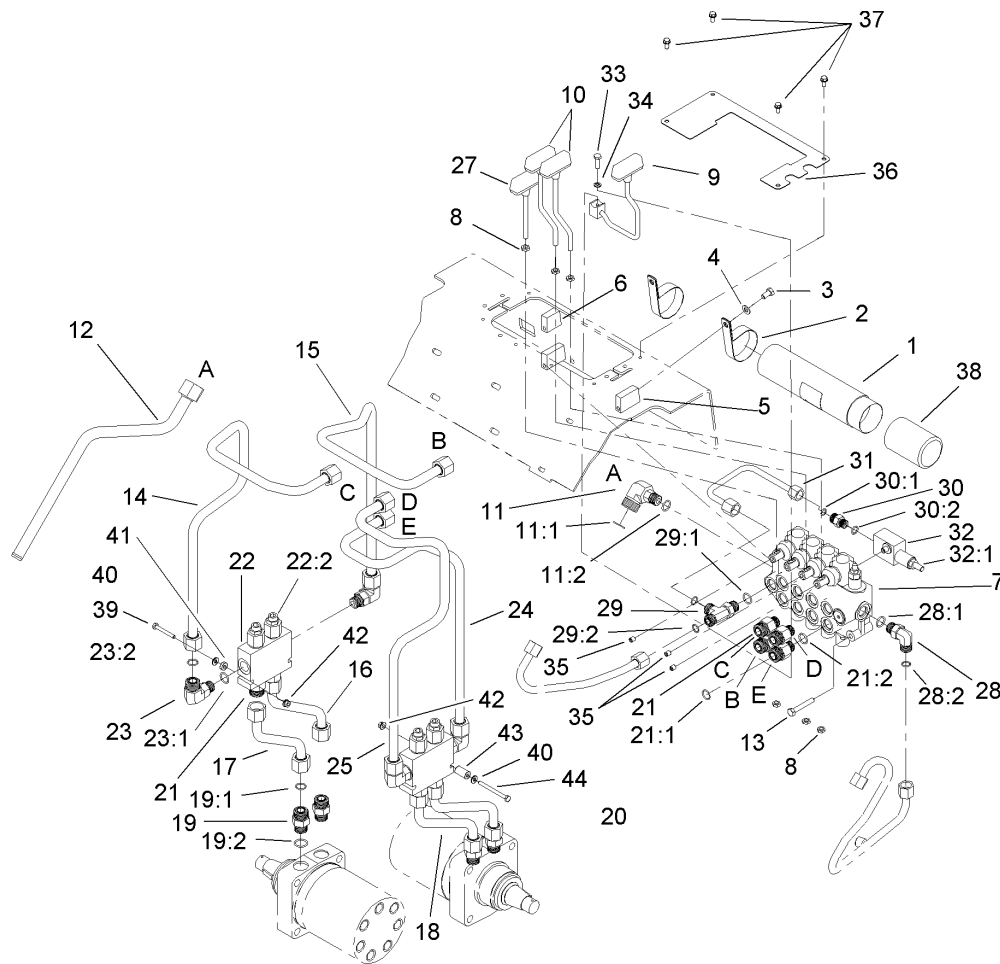
| Ref | Part No. | Qty. | Description |
|-----|----------|------|-------------|
| 3   | 99-4391  | 1    | Seal Kit    |
| 3:1 | 99-3074  | 1    | Gasket      |
| 3:2 | 99-3075  | 3    | Gasket      |



**Parts not listed in  
part list are not  
serviced separately**

# Hydraulic Valve Assembly No. 99-3077

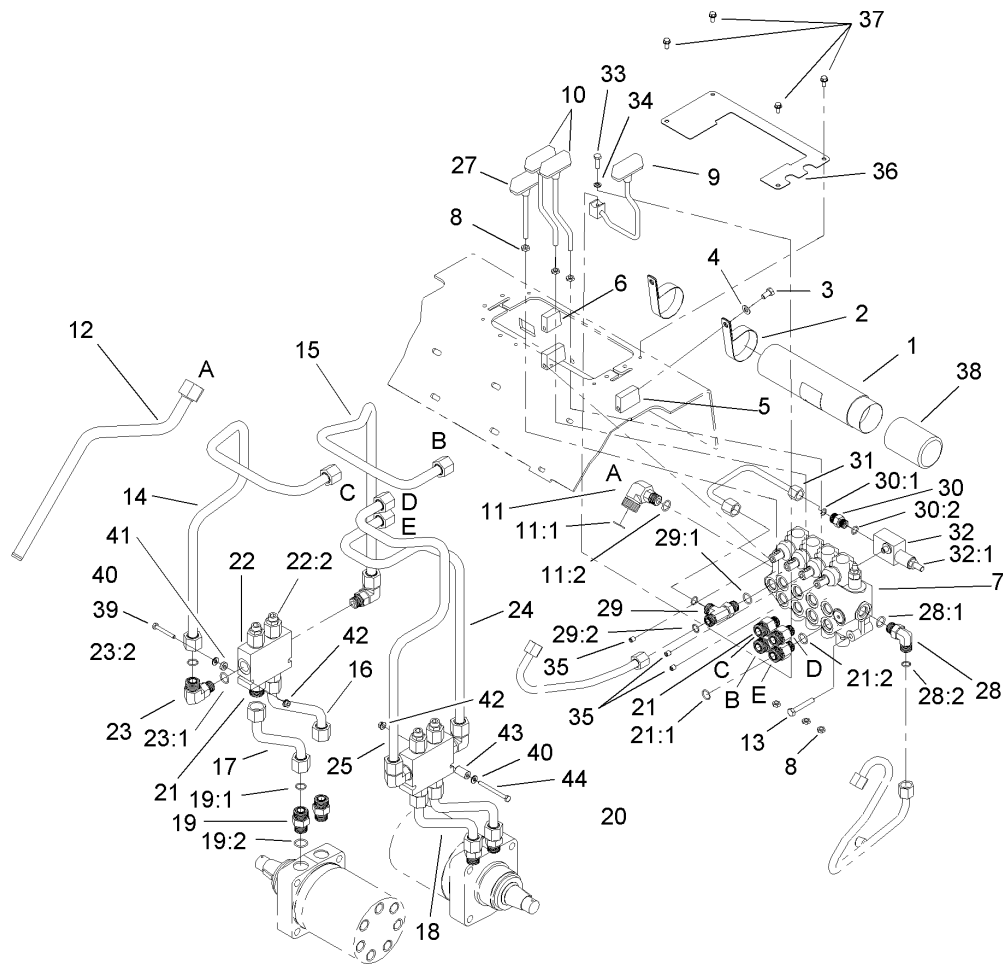
| Ref | Part No. | Qty. | Description |
|-----|----------|------|-------------|
| 3   | 99-4391  | 1    | Seal Kit    |
| 3:1 | 99-3074  | 1    | Gasket      |
| 3:2 | 99-3075  | 3    | Gasket      |



## Hydraulic Traction Assembly

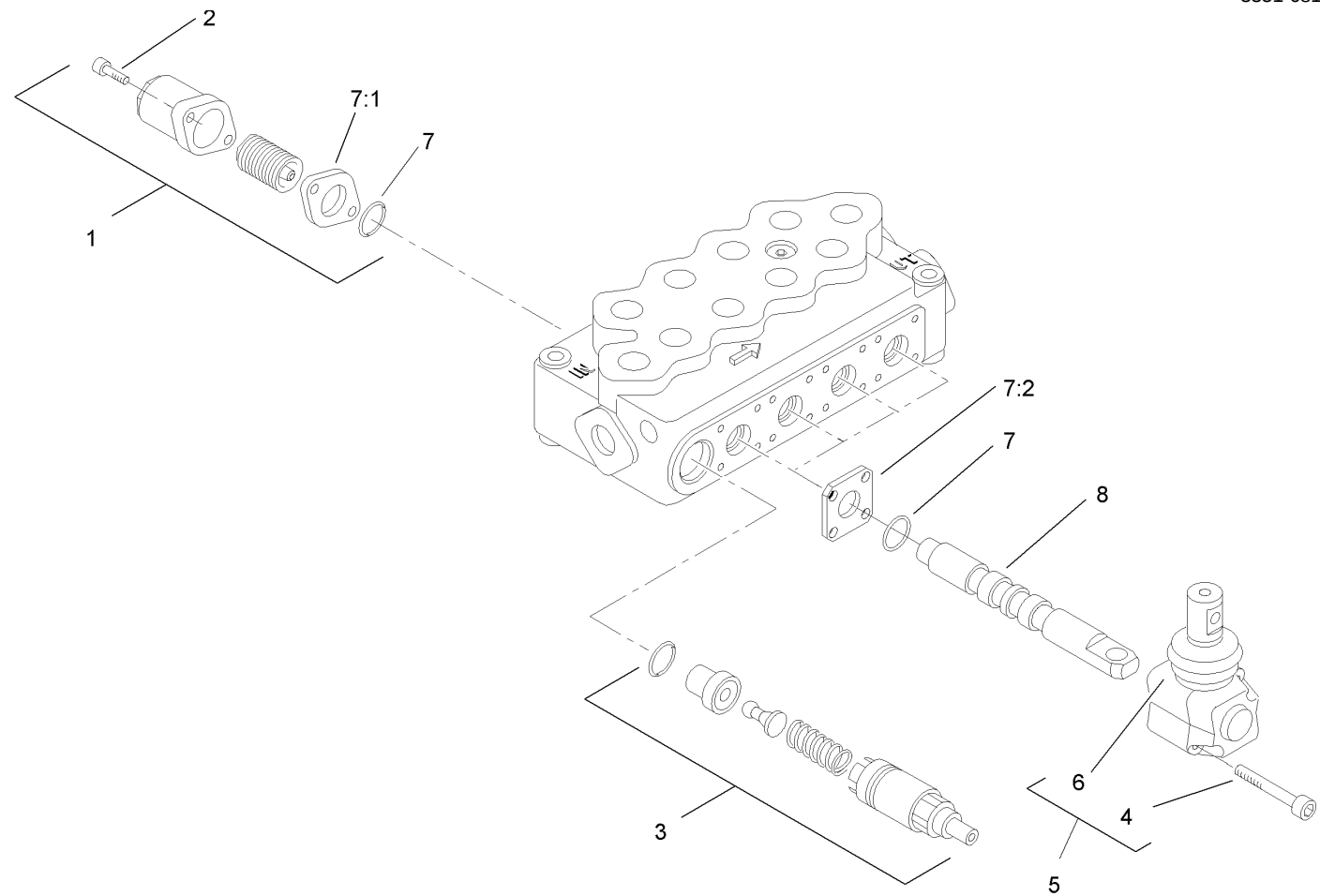
| Ref  | Part No. | Qty. | Description                      |
|------|----------|------|----------------------------------|
| 1    | 104-7050 | 1    | Housing-Manual                   |
| 2    | 2412-133 | 2    | R-Clamp                          |
| 3    | 322-2    | 3    | Screw-HH                         |
| 4    | 3256-23  | 3    | Washer-Flat                      |
| 5    | 105-7871 | 2    | Spacer-Lower                     |
| 6    | 105-7870 | 1    | Spacer-Upper                     |
| 7    | 105-6246 | 1    | Valve-Four Spool, W/ Relief Port |
| 8    | 42-9580  | 6    | Nut-Hex                          |
| 9    | 106-8165 | 1    | Control Lever ASM                |
| 10   | 104-5733 | 2    | Drive Lever ASM                  |
| 11   | 92-5696  | 1    | Fitting-Hyd, 90 DEG              |
| 11:1 | 237-58   | 1    | O-Ring                           |
| 11:2 | 237-79   | 1    | O-Ring                           |
| 12   | 106-8177 | 1    | Line-Hydraulic, Tank             |
| 13   | 322-10   | 3    | Screw-HH                         |
| 14   | 105-7877 | 1    | Line-Hyd, Right B                |
| 15   | 105-7876 | 1    | Line-Hyd, Right A                |
| 16   | 98-4740  | 1    | Tube-HYD                         |
| 17   | 98-4741  | 1    | Tube-HYD                         |
| 18   | 98-4743  | 1    | Tube-HYD                         |
| 19   | 340-7    | 4    | Adapter                          |
| 19:1 | 237-65   | 1    | O-Ring                           |
| 19:2 | 237-80   | 1    | O-Ring                           |
| 20   | 98-4742  | 1    | Tube-HYD                         |

| Ref    | Part No. | Qty. | Description           |
|--------|----------|------|-----------------------|
| 21     | 340-155  | 8    | Fitting-Hyd, Straight |
| 21:1   | 237-79   | 1    | O-Ring                |
| 21:2   | 237-151  | 1    | O-Ring                |
| 22     | 98-9050  | 2    | Valve-Counterbalance  |
| 22:1   | 105-4099 | 1    | Seal Kit              |
| 22:2   | 99-3271  | 2    | Valve-Cartridge       |
| 22:2:1 | 98-2712  | 1    | Seal Kit              |
| 23     | 340-153  | 4    | Fitting-HYD           |
| 23:1   | 237-79   | 1    | O-Ring                |
| 23:2   | 237-151  | 1    | O-Ring                |
| 24     | 105-7875 | 1    | Line-Hyd, Left A      |
| 25     | 105-7874 | 1    | Line-Hyd, Left B      |
| 27     | 105-7881 | 1    | Cylinder Lever ASM    |
| 28     | 340-98   | 1    | Fitting-Hyd, 90 DEG   |
| 28:1   | 237-79   | 1    | O-Ring                |
| 28:2   | 237-30   | 1    | O-Ring                |
| 29     | 340-109  | 1    | Fitting-Hyd, Tee      |
| 29:1   | 237-79   | 1    | O-Ring                |
| 29:2   | 237-30   | 2    | O-Ring                |
| 30     | 340-2    | 1    | Fitting-Hyd, Straight |
| 30:1   | 237-22   | 1    | O-Ring                |
| 30:2   | 237-42   | 1    | O-Ring                |
| 31     | 105-7866 | 1    | Line-HYD              |
| 32     | 105-7882 | 1    | Relief Valve ASM      |



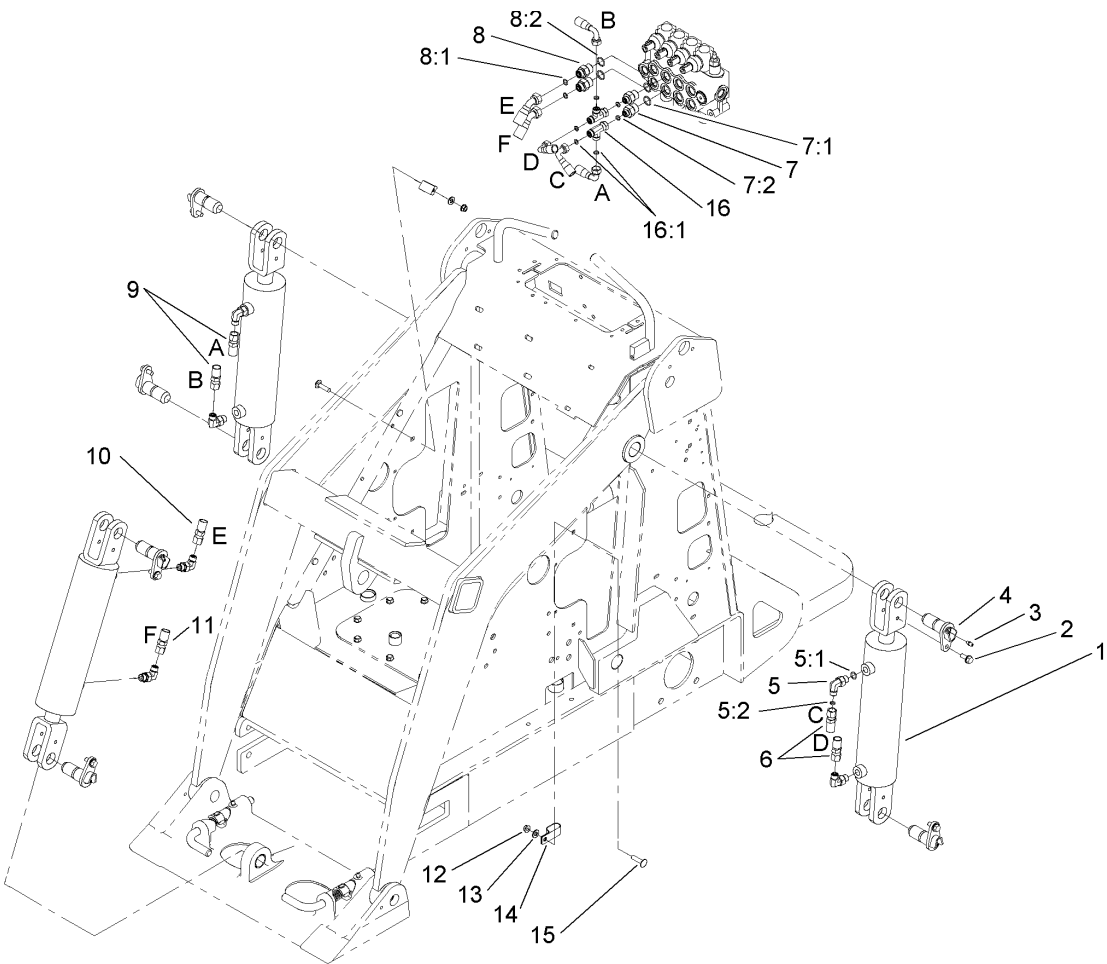
Hydraulic Traction Assembly (continued)

| Ref    | Part No.    | Qty. | Description             |  |  |  |  |
|--------|-------------|------|-------------------------|--|--|--|--|
| 32:1   | 105-8358    | 1    | Cartridge-Valve, Relief |  |  |  |  |
| ● 32:2 | 105-8357    | 1    | Seal Kit                |  |  |  |  |
| 33     | 321-5       | 1    | Screw-HH                |  |  |  |  |
| 34     | 3253-3      | 1    | Washer-Lock             |  |  |  |  |
| 35     | 105-4068    | 3    | Screw-Set, HS           |  |  |  |  |
| 36     | 105-8352-03 | 1    | Plate-Cover             |  |  |  |  |
| 37     | 32144-4     | 4    | Screw-HWH               |  |  |  |  |
| 38     | 104-7048    | 1    | Cap-Housing             |  |  |  |  |
| 39     | 321-11      | 1    | Screw-HH                |  |  |  |  |
| 40     | 3256-22     | 2    | Washer-Flat             |  |  |  |  |
| 41     | 106-8189    | 1    | Spacer                  |  |  |  |  |
| 42     | 32128-32    | 2    | Nut-HHF                 |  |  |  |  |
| 43     | 106-8188    | 1    | Spacer                  |  |  |  |  |
| 44     | 321-23      | 1    | Screw-HH                |  |  |  |  |



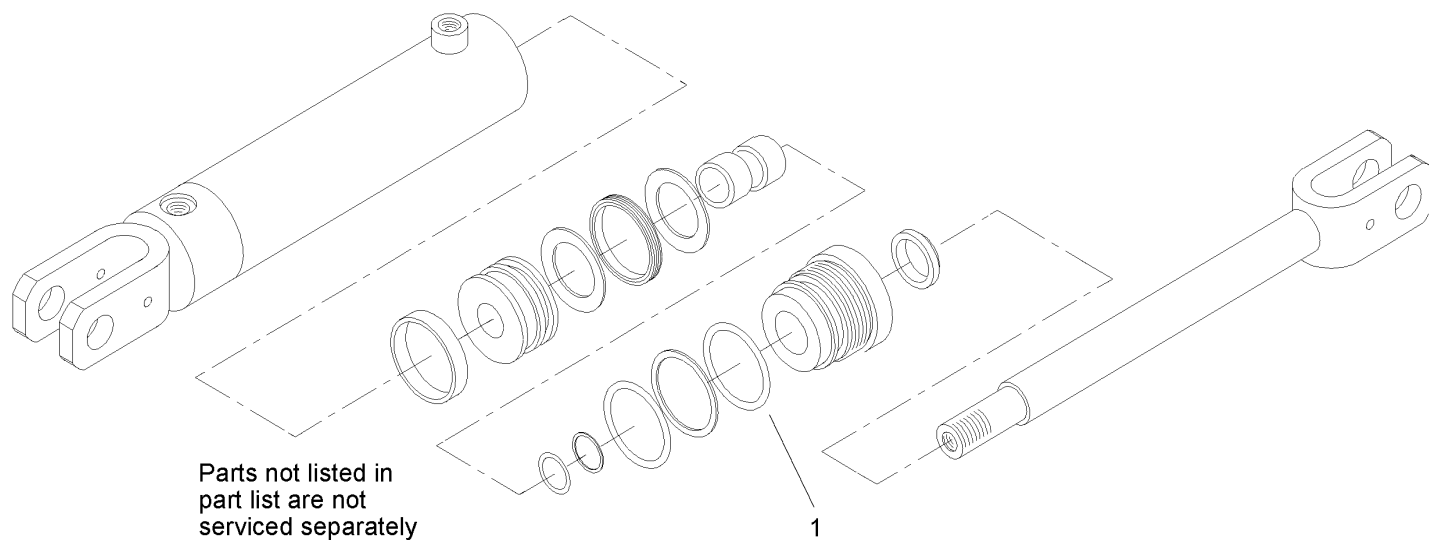
Hydraulic Valve Assembly No. 105-6246

| Ref | Part No. | Qty. | Description            |  |  |  |  |
|-----|----------|------|------------------------|--|--|--|--|
| 1   | 100-8801 | 4    | Kit-Spring, High Force |  |  |  |  |
| 1   | 100-8800 | 4    | Standard Spring ASM    |  |  |  |  |
| 2   | 100-8802 | 8    | Screw-Cap, End         |  |  |  |  |
| 3   | 100-8805 | 1    | Valve-Relief           |  |  |  |  |
| 4   | 100-8806 | 8    | Screw                  |  |  |  |  |
| 5   | 100-8807 | 4    | Operator ASM           |  |  |  |  |
| 6   | 100-8829 | 4    | Boot                   |  |  |  |  |
| 7   | 99-4390  | 1    | Seal Kit               |  |  |  |  |
| 7:1 | 99-3074  | 4    | Gasket                 |  |  |  |  |
| 7:2 | 99-3075  | 8    | Gasket                 |  |  |  |  |
| 8   | 105-8441 | 4    | Spool-Valve            |  |  |  |  |



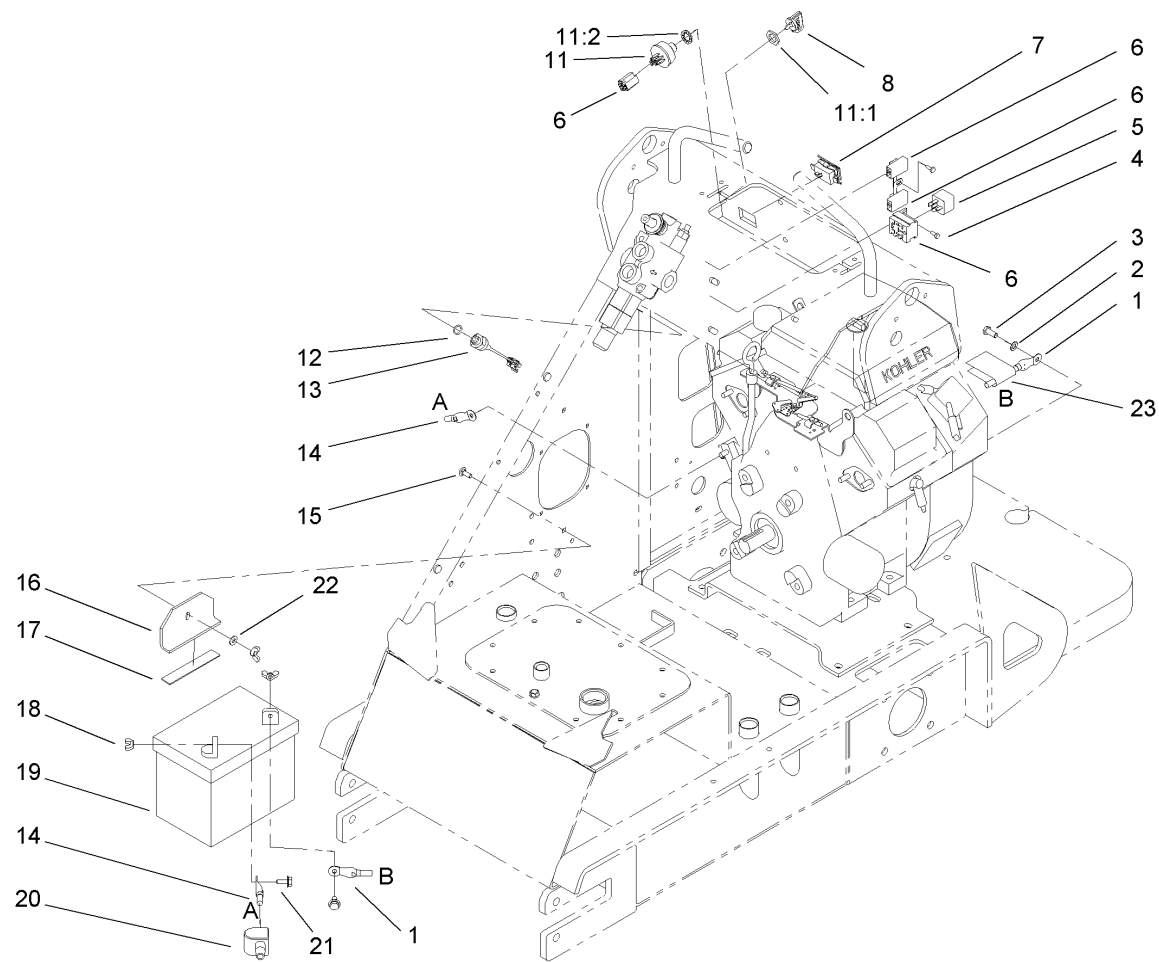
Hydraulic Cylinder Assembly

| Ref  | Part No. | Qty. | Description        |  |  |  |  |
|------|----------|------|--------------------|--|--|--|--|
| 1    | 105-7867 | 3    | Cylinder-Hydraulic |  |  |  |  |
| 2    | 99-5105  | 6    | Bolt-Shoulder      |  |  |  |  |
| 3    | 302-5    | 6    | Fitting-Grease     |  |  |  |  |
| 4    | 99-1414  | 6    | Pin-Pivot          |  |  |  |  |
| 5    | 340-82   | 6    | Adapter            |  |  |  |  |
| 5:1  | 237-42   | 1    | O-Ring             |  |  |  |  |
| 5:2  | 237-21   | 1    | O-Ring             |  |  |  |  |
| 6    | 98-4748  | 2    | HYD Hose ASM       |  |  |  |  |
| 7    | 340-133  | 2    | Adapter            |  |  |  |  |
| 7:1  | 237-79   | 1    | O-Ring             |  |  |  |  |
| 7:2  | 237-21   | 1    | O-Ring             |  |  |  |  |
| 8    | 340-3    | 2    | Adapter            |  |  |  |  |
| 8:1  | 237-22   | 1    | O-Ring             |  |  |  |  |
| 8:2  | 237-79   | 1    | O-Ring             |  |  |  |  |
| 9    | 98-4725  | 2    | HYD Hose ASM       |  |  |  |  |
| 10   | 98-4727  | 1    | Hose-HYD           |  |  |  |  |
| 11   | 98-4726  | 1    | Hose-HYD           |  |  |  |  |
| 12   | 3296-29  | 2    | Nut-Lock, NI       |  |  |  |  |
| 13   | 3256-23  | 2    | Washer-Flat        |  |  |  |  |
| 14   | 2412-137 | 2    | Clamp-Tube         |  |  |  |  |
| 15   | 3230-3   | 2    | Screw-CARR         |  |  |  |  |
| 16   | 340-151  | 2    | Fitting            |  |  |  |  |
| 16:1 | 237-75   | 3    | O-Ring             |  |  |  |  |



# Hydraulic Cylinder Assembly

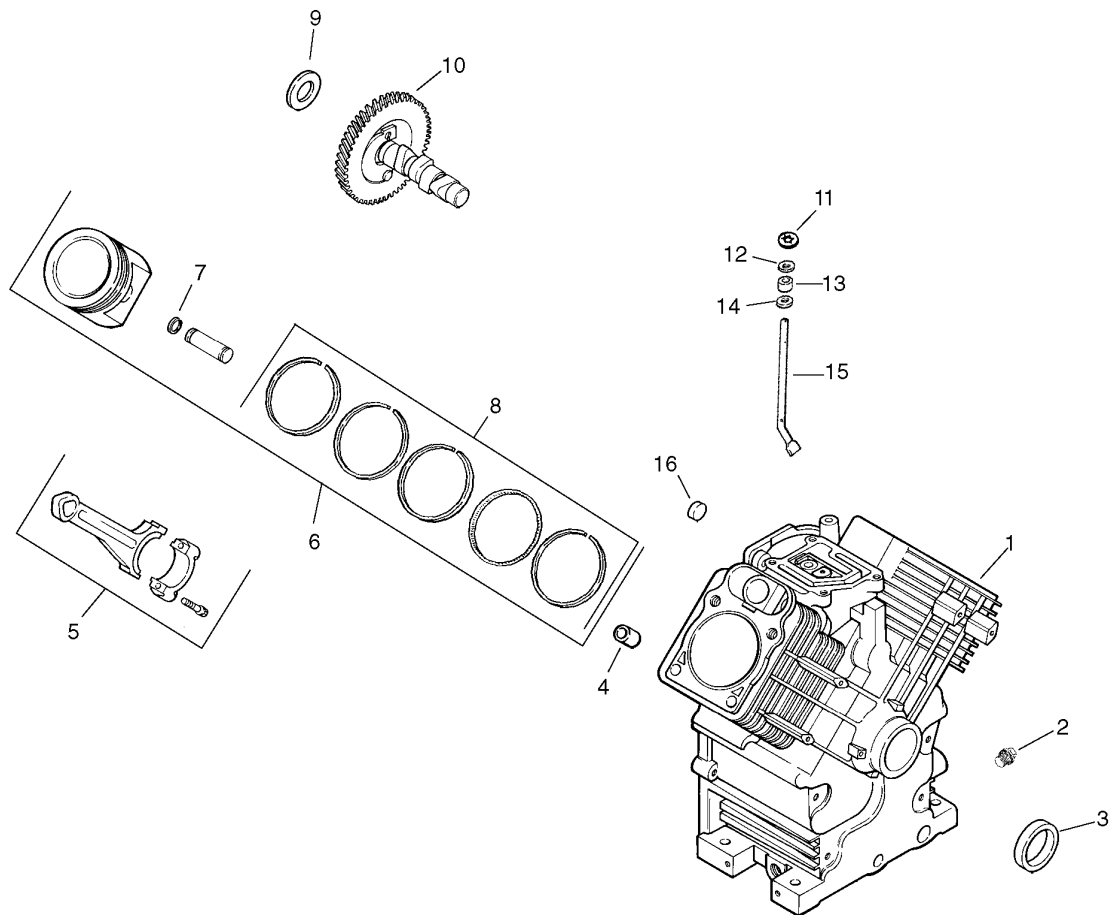
| Ref | Part No. | Qty. | Description           |
|-----|----------|------|-----------------------|
| 1   | 105-8356 | 1    | Seal Kit-HYD Cylinder |



Electrical Assembly

| Ref  | Part No.    | Qty. | Description                  |  |  |  |  |
|------|-------------|------|------------------------------|--|--|--|--|
| 1    | 111074      | 1    | Cable-Battery, Negative      |  |  |  |  |
| 2    | 3255-8      | 2    | Washer-Lock                  |  |  |  |  |
| 3    | 33114-020   | 2    | Screw-HH                     |  |  |  |  |
| 4    | 32144-87    | 2    | Screw-Forming, Thread        |  |  |  |  |
| 5    | 98-7249     | 1    | Relay                        |  |  |  |  |
| 6    | 98-4650     | 1    | Harness-Electrical           |  |  |  |  |
| 7    | 106-8175    | 1    | Hour Meter-Dc, Mini          |  |  |  |  |
| 8    | 63-8360     | 2    | Key-Ignition                 |  |  |  |  |
| 11   | 116338      | 1    | Key Switch ASM               |  |  |  |  |
| 11:1 | 101884      | 1    | Nut                          |  |  |  |  |
| 11:2 | 9201604     | 1    | Washer-Lock, Internal        |  |  |  |  |
| 12   | 237-42      | 1    | O-Ring                       |  |  |  |  |
| 13   | 72-4310     | 1    | Switch-Ball                  |  |  |  |  |
| 14   | 92-6989     | 1    | Wire                         |  |  |  |  |
| 15   | 3229-2      | 1    | Screw-CARR                   |  |  |  |  |
| 16   | 105-8401-03 | 1    | Clamp-Battery                |  |  |  |  |
| 17   | 94-9566     | 1    | Pad-Footrest                 |  |  |  |  |
| 18   | 32103-22    | 3    | Nut-Wing                     |  |  |  |  |
| 19   | 104-2492    | 1    | Battery                      |  |  |  |  |
| 20   | 77-0981     | 1    | Boot-Terminal, Red           |  |  |  |  |
| 21   | 3234-4      | 2    | Screw-HHF                    |  |  |  |  |
| 22   | 3256-22     | 1    | Washer-Flat                  |  |  |  |  |
| 23   | 107-9309    | 1    | Decal-Instructions, Charging |  |  |  |  |

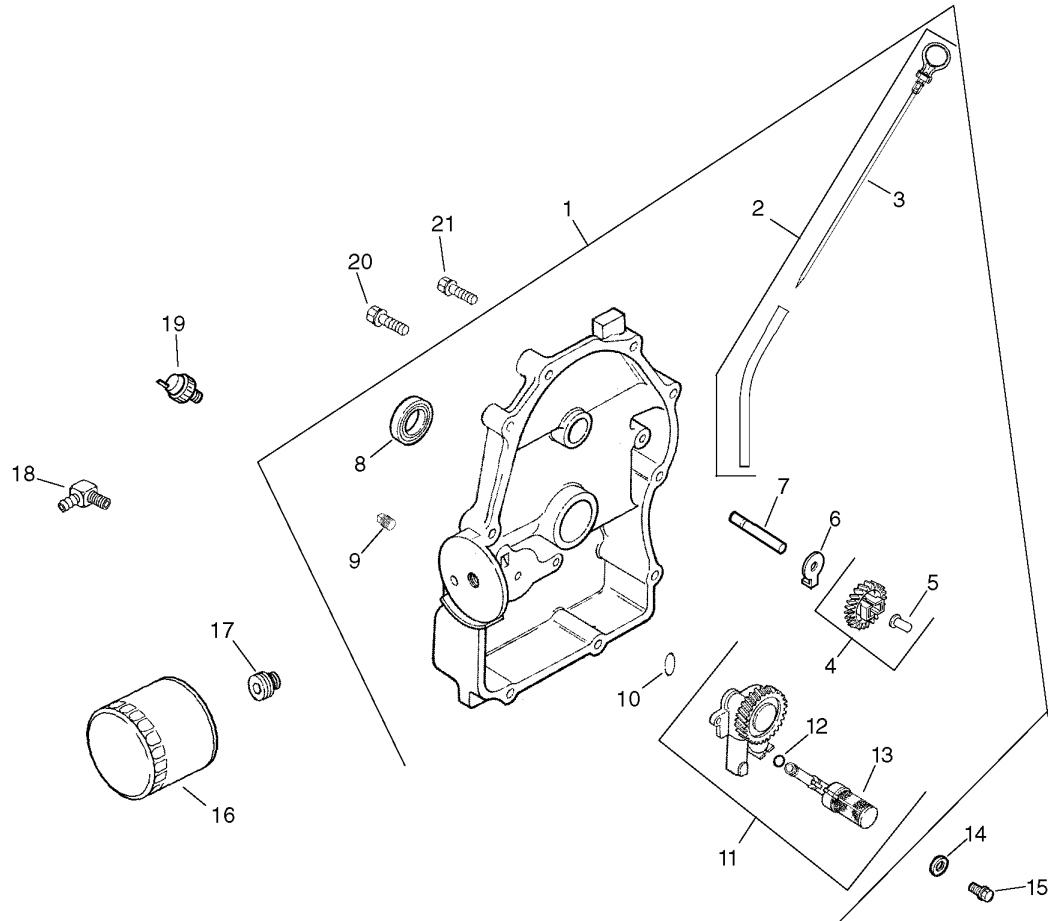
19



**Crankcase Assembly**  
**Kohler CH20S-64667**

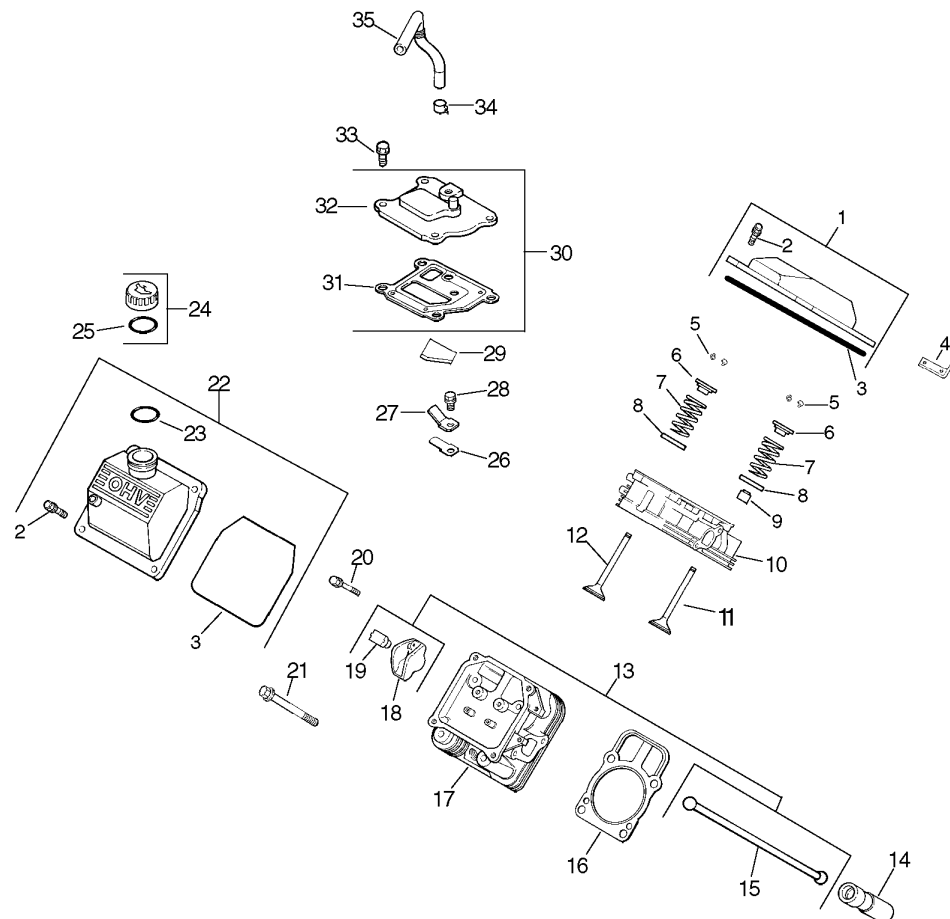
| Ref | Part No.    | Qty. | Description                            |
|-----|-------------|------|----------------------------------------|
| 1   |             | 1    | Crankcase(Use: Miniblock 24 782 15)    |
| 2   | 52 139 02-S | 2    | Plug, Pipe                             |
| 3   | 24 032 01-S | 1    | Seal-Oil, Front                        |
| 4   | 24 380 13-S | 6    | Pin-Locating                           |
| 5   | 24 067 13-S | 2    | Rod-Connecting (Std.)                  |
| 6   | 24 067 14-S | 2    | Rod-Connecting (.25)                   |
| 7   | 24 874 17-S | 2    | Piston W/ring Set(Std.)(Includes 7, 8) |
| 8   | 24 874 18-S | 2    | Set-Piston W/ring (.25)                |
| 9   | 24 874 19-S | 2    | Set-Piston W/ring (.50)                |
| 10  | 24 874 14-S | 2    | Piston W/ring (.08)                    |
| 11  | 24 018 01-S | 4    | Retainer-Pin, Piston                   |
| 12  | 24 108 11-S | 2    | Ring Set (Std.)                        |
| 13  | 24 108 12-S | 2    | Ring Set (.25)                         |
| 14  | 24 108 13-S | 2    | Set-Ring (.50)                         |
| 15  | 12 422 09-S | 0    | Shim-Camshaft, Red                     |
| 16  | 12 422 13-S | 0    | Shim-Camshaft, Black                   |
| 17  | 12 422 07-S | 0    | Shim-Camshaft, White                   |
| 18  | 12 422 08-S | 0    | Shim-Camshaft, Blue                    |
| 19  | 12 422 10-S | 1    | Shim-Camshaft, Yellow                  |
| 20  | 12 422 11-S | 0    | Shim-Camshaft, Green                   |
| 21  | 12 422 12-S | 0    | Shim-Camshaft, Gray                    |
| 22  | 24 012 10-S | 1    | Camshaft                               |

| Ref | Part No.    | Qty. | Description               |
|-----|-------------|------|---------------------------|
| 11  | 24 018 09-S | 1    | Ring-Retainer             |
| 12  | M-931010-S  | 1    | Washer-Nylon (Top)        |
| 13  | 28 032 09-S | 1    | Seal-Governor Cross Shaft |
| 14  | 24 468 15-S | 1    | Washer (Bottom)           |
| 15  | 24 144 33-S | 1    | Shaft-Governor Shaft      |
| 16  | 52 139 09-S | 1    | Plug-Cup                  |



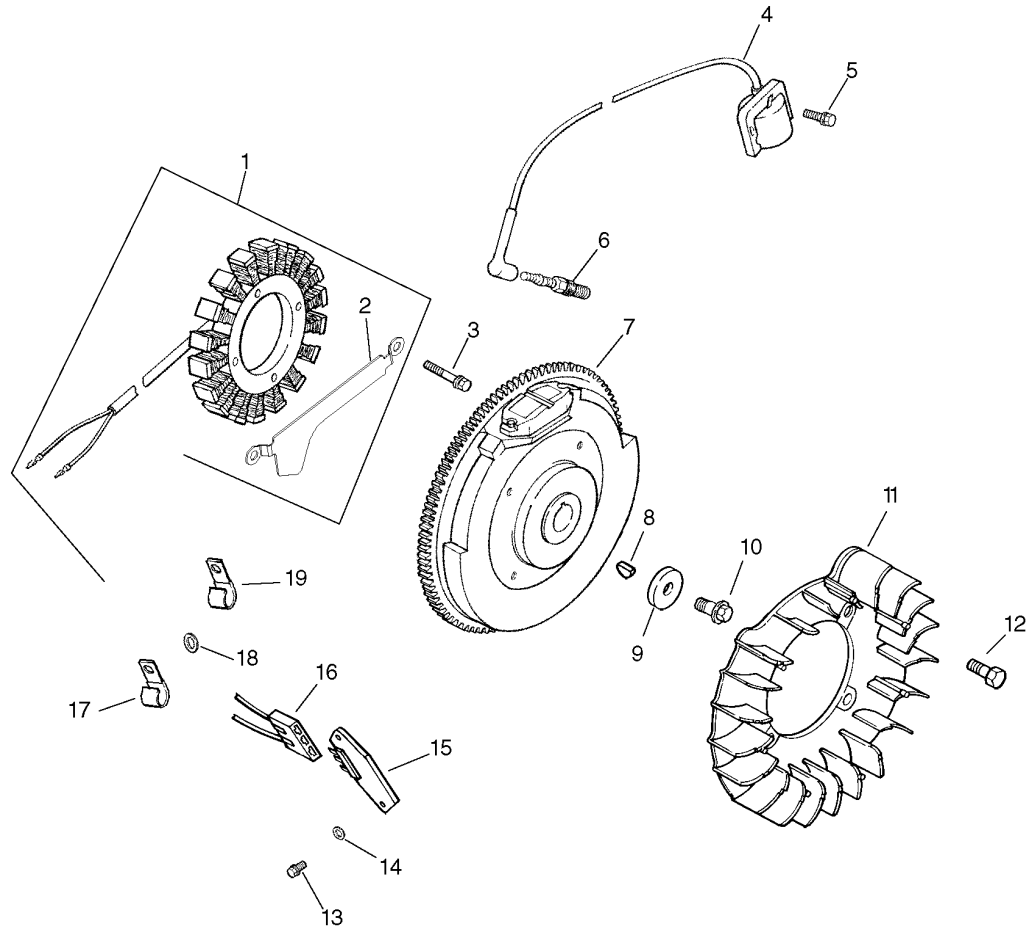
**Oil Pan/Lubrication Assembly**  
**Kohler CH20S-64667**

| Ref   | Part No.     | Qty. | Description                          |  |  |  |  |
|-------|--------------|------|--------------------------------------|--|--|--|--|
| ❶1    | 24 009 82-S  | 1    | Kit, Closure Plate (Includes 2-13)   |  |  |  |  |
| ❷2    | 24 755 121-S | 1    | Kit, Dipstick & Tube (Includes 3)    |  |  |  |  |
| ❸3    | 24 038 10-S  | 1    | Dipstick                             |  |  |  |  |
| ❹4    | 24 043 12-S  | 1    | Kit, Governor Gearw/pin (Includes 5) |  |  |  |  |
| ❺5    | 12 380 01-S  | 1    | Pin-Regulating, Governor             |  |  |  |  |
| ❻6    | 52 448 02-S  | 1    | Tab, Locking                         |  |  |  |  |
| ❼7    | 12 144 02-S  | 1    | Shaft-Gear, Governor                 |  |  |  |  |
| ❽8    | 52 032 08-S  | 1    | Seal-Oil (Pto End)                   |  |  |  |  |
| ❾9    | 25 139 60-S  | 2    | Plug-Pipe, Hex. Ctsk. 1/8in N.p.t.f. |  |  |  |  |
| ❿10   | 24 153 08-S  | 1    | O-Ring                               |  |  |  |  |
| ❶❶11  | 24 393 10-S  | 1    | Oil Pump Assembly (Includes 12, 13)  |  |  |  |  |
| ❶❷12  | 24 153 01-S  | 1    | O-Ring, Oil Pick-Up                  |  |  |  |  |
| ❶❸13  | 24 381 04-S  | 1    | Pick-Up, Oil                         |  |  |  |  |
| ❶❹14  | M-631005-S   | 2    | Washer-Plain, 6mm                    |  |  |  |  |
| ❶❺15  | M-645025-S   | 2    | Screw-Hf, M6x1.0x20                  |  |  |  |  |
| ❶❻16  | 52 050 02-S  | 1    | Filter-Oil                           |  |  |  |  |
| ❶❼17  | 24 136 01-S  | 1    | Nipple-Oil Filter                    |  |  |  |  |
| ❶❽18  | 25 155 02-S  | 1    | Connector, 90°                       |  |  |  |  |
| ❶❾19  | 24 099 03-S  | 1    | Switch-Pressure                      |  |  |  |  |
| ❶❿20  | 24 086 16-S  | 9    | Screw-Hf, M8x1.25x45                 |  |  |  |  |
| ❶❶❶21 | 24 086 17-S  | 1    | Screw-Hf, M8x1.25x45                 |  |  |  |  |



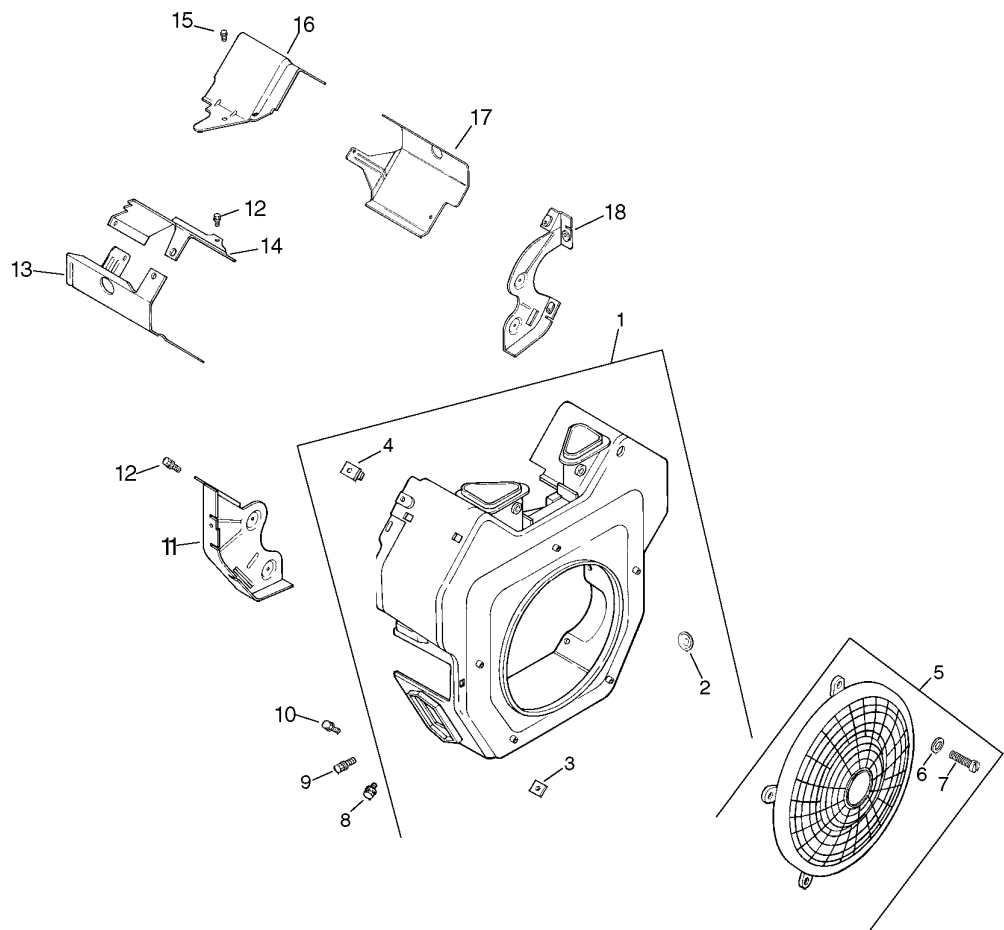
## Head/Valve/Breather Assembly Kohler CH20S-64667

| Ref | Part No.    | Qty. | Description                                   | Ref | Part No.    | Qty. | Description                                   |
|-----|-------------|------|-----------------------------------------------|-----|-------------|------|-----------------------------------------------|
| ❶   | 24 755 74-S | 1    | Kit, Valve Cover-Plain (Includes 2, 3)        | ❶   | 24 755 74-S | 1    | Kit, Valve Cover-Plain (Includes 2, 3)        |
| ❷   | 24 086 32-S | 4    | Screw, Shoulder M6x1.0x30                     | ❷   | 24 086 32-S | 4    | Screw, Shoulder M6x1.0x30                     |
| ❸   | 24 153 16-S | 1    | O-Ring                                        | ❸   | 24 153 16-S | 1    | O-Ring                                        |
| ❹   | 24 445 01-S | 1    | Strap-Lifting                                 | ❹   | 24 445 01-S | 1    | Strap-Lifting                                 |
| ❺   | 12 755 03-S | 4    | Retainer Kit                                  | ❺   | 12 755 03-S | 4    | Retainer Kit                                  |
| ❻   | 12 173 01-S | 4    | Cap-Spring, Valve                             | ❻   | 12 173 01-S | 4    | Cap-Spring, Valve                             |
| ❼   | 24 089 02-S | 4    | Spring-Valve                                  | ❼   | 24 089 02-S | 4    | Spring-Valve                                  |
| ❽   | 235011-S    | 4    | Retainer-Spring                               | ❽   | 235011-S    | 4    | Retainer-Spring                               |
| ❾   | 66 032 05-S | 2    | Seal-Stem, Valve                              | ❾   | 66 032 05-S | 2    | Seal-Stem, Valve                              |
| ❿   | 24 318 09-S | 1    | #1 Cylinder Head ASM                          | ❿   | 24 318 09-S | 1    | #1 Cylinder Head ASM                          |
| ⓫   | 24 017 01-S | 2    | Valve-Intake (Std.)                           | ⓫   | 24 017 01-S | 2    | Valve-Intake (Std.)                           |
| ⓬   | 24 017 02-S | 2    | Valve-Intake (.25)                            | ⓬   | 24 017 02-S | 2    | Valve-Intake (.25)                            |
| ⓭   | 24 016 01-S | 2    | Valve-Exhaust (Std.)                          | ⓭   | 24 016 01-S | 2    | Valve-Exhaust (Std.)                          |
| ⓮   | 24 016 02-S | 2    | Valve-Exhaust (.25)                           | ⓮   | 24 016 02-S | 2    | Valve-Exhaust (.25)                           |
| ⓯   | 24 755 66-S | 1    | Kit, Valve Train (Includes 15, 18, 19)        | ⓯   | 24 755 66-S | 1    | Kit, Valve Train (Includes 15, 18, 19)        |
| ⓰   | 25 351 01-S | 4    | Lifter-Valve                                  | ⓰   | 25 351 01-S | 4    | Lifter-Valve                                  |
| ⓱   | 24 411 05-S | 4    | Rod-Push                                      | ⓱   | 24 411 05-S | 4    | Rod-Push                                      |
| ⓲   | 24 041 08-S | 2    | Gasket-Cylinder Head                          | ⓲   | 24 041 08-S | 2    | Gasket-Cylinder Head                          |
| ⓳   | 24 318 10-S | 1    | #2 Cylinder Head ASM                          | ⓳   | 24 318 10-S | 1    | #2 Cylinder Head ASM                          |
| ⓴   | 25 186 01-S | 4    | Arm-Rocker                                    | ⓴   | 25 186 01-S | 4    | Arm-Rocker                                    |
| ⓵   | 24 599 01-S | 4    | Pivot-Rocker Arm                              | ⓵   | 24 599 01-S | 4    | Pivot-Rocker Arm                              |
| ⓶   | M-640034-S  | 4    | Screw-Hf, M6x1.0x34                           | ⓶   | M-640034-S  | 4    | Screw-Hf, M6x1.0x34                           |
| ⓷   | 12 086 16-S | 8    | Screw                                         | ⓷   | 12 086 16-S | 8    | Screw                                         |
| ⓸   | 24 755 75-S | 1    | Kit, Valve Cover-Oil Fill (Includes 2, 3, 23) | ⓸   | 24 755 75-S | 1    | Kit, Valve Cover-Oil Fill (Includes 2, 3, 23) |
| ⓹   | 24 153 09-S | 1    | O-Ring                                        | ⓹   | 24 153 09-S | 1    | O-Ring                                        |
| ⓺   | 24 755 46-S | 1    | Kit, Oil Fill Cap (Includes 25)               | ⓺   | 24 755 46-S | 1    | Kit, Oil Fill Cap (Includes 25)               |
| ⓻   | 12 153 03-S | 1    | O-Ring                                        | ⓻   | 12 153 03-S | 1    | O-Ring                                        |
| ⓼   | 24 402 03-S | 1    | Reed-Breather                                 | ⓼   | 24 402 03-S | 1    | Reed-Breather                                 |
| ⓽   | 12 018 01-S | 1    | Retainer, Breather Reed                       | ⓽   | 12 018 01-S | 1    | Retainer, Breather Reed                       |
| ⓾   | M-545010-S  | 1    | Screw-Hf, M5x0.8x10                           | ⓾   | M-545010-S  | 1    | Screw-Hf, M5x0.8x10                           |
| ⓿   | 24 050 01-S | 1    | Filter-Breather                               | ⓿   | 24 050 01-S | 1    | Filter-Breather                               |
| ⓿   | 24 033 01-S | 1    | Kit, Breather (Includes 31, 32)               | ⓿   | 24 033 01-S | 1    | Kit, Breather (Includes 31, 32)               |
| ⓿   | 24 041 23-S | 1    | Gasket, Breather                              | ⓿   | 24 041 23-S | 1    | Gasket, Breather                              |
| ⓿   | 24 096 58-S | 1    | Cover-Breather                                | ⓿   | 24 096 58-S | 1    | Cover-Breather                                |
| ⓿   | M-645020-S  | 4    | Screw-Hex. Flange, M6x1.0x20                  | ⓿   | M-645020-S  | 4    | Screw-Hex. Flange, M6x1.0x20                  |
| ⓿   | 25 237 14-S | 1    | Clamp-Hose, 11/16in                           | ⓿   | 25 237 14-S | 1    | Clamp-Hose, 11/16in                           |
| ⓿   | 24 326 26-S | 1    | Hose-Breather                                 | ⓿   | 24 326 26-S | 1    | Hose-Breather                                 |



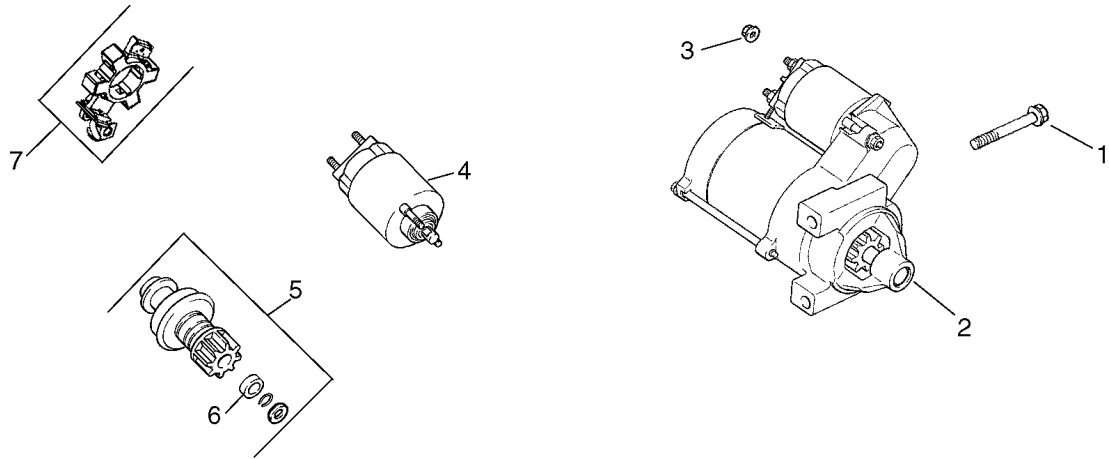
## Ignition/Electrical Assembly Kohler CH20S-64667

| Ref | Part No.    | Qty. | Description                                                       | Ref | Part No.    | Qty. | Description                                               |
|-----|-------------|------|-------------------------------------------------------------------|-----|-------------|------|-----------------------------------------------------------|
| ❶   | 54 755 09-S | 1    | Kit, 15 Amp Stator (Includes 2)                                   | ❶❸  | 25 086 91-S | 2    | Screw-Tapping (Used To Mount 5 Wire Connector On Harness) |
| ❷   | 24 126 71-S | 1    | Bracket-Stator Wire                                               | ❶❸  | X-22-11-S   | 1    | Washer-Lock, 1/4in                                        |
| ❸   | M-548025-S  | 2    | Screw-Hex. Cap, M5x0.8x25                                         |     |             |      |                                                           |
| ❹   | 24 584 01-S | 2    | Module-Ignition                                                   |     |             |      |                                                           |
| ❺   | M-545020-S  | 4    | Screw-Hf, M5x0.8x20                                               |     |             |      |                                                           |
| ❻   | 12 132 06-S | 2    | Plug-Spark                                                        |     |             |      |                                                           |
| ❼   | 24 025 04-S | 1    | Flywheel                                                          |     |             |      |                                                           |
| ❽   | X-42-15-S   | 1    | Key                                                               |     |             |      |                                                           |
| ❾   | 12 468 03-S | 1    | Washer-Plain, 3/8in                                               |     |             |      |                                                           |
| ❿   | 12 086 14-S | 1    | Screw-Hf, M10x1.5x46                                              |     |             |      |                                                           |
| ❶❶  | 24 157 03-S | 1    | Fan                                                               |     |             |      |                                                           |
| ❶❷  | 25 086 47-S | 4    | Bolt, Shoulder M6x1.0x25                                          |     |             |      |                                                           |
| ❶❸  | 24 086 18-S | 2    | Screw-Phillips Hd., 11-16x7/8                                     |     |             |      |                                                           |
| ❶❹  | X-25-92-S   | 2    | Washer-Plain 3/16                                                 |     |             |      |                                                           |
| ❶❺  | 25 403 03-S | 1    | Rectifier-Regulator 15 Amp                                        |     |             |      |                                                           |
| ❶❻  | 236602-S    | 1    | Connector                                                         |     |             |      |                                                           |
| ❶❼  | 235173-S    | 1    | Clip-Cable (Clamps Wires To Intake Manifold)                      |     |             |      |                                                           |
| ❶❷❸ | X-25-63-S   | 1    | Washer-Plain, 1/4in                                               |     |             |      |                                                           |
| ❶❷❹ | 48 154 02-S | 1    | Clip-Cable (B+ Lead)                                              |     |             |      |                                                           |
| ❶❷❺ | 24 176 08-S | 1    | Harness-Wiring                                                    |     |             |      |                                                           |
| ❶❷❻ | 24 518 12-S | 1    | Lead-Black (6in 12 Gauge – Insulated Grip Barrel Eyelet Terminal) |     |             |      |                                                           |
| ❶❷❼ | 25 454 03-S | 2    | Tie-Wire                                                          |     |             |      |                                                           |



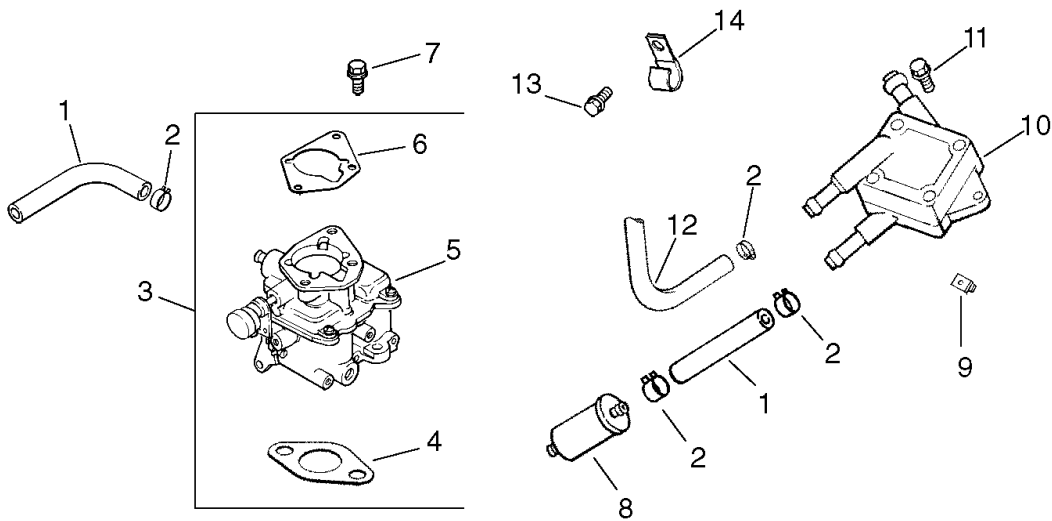
**Blower Housing Assembly**  
**Kohler CH20S-64667**

| Ref | Part No.    | Qty. | Description                                                      |  |  |  |  |
|-----|-------------|------|------------------------------------------------------------------|--|--|--|--|
| ❶1  | 24 027 39-S | 1    | Housing, Blower ASM (Includes 2-4, And Insert 24 332 01-Sqty. 5) |  |  |  |  |
| ❷2  | 25 139 16-S | 1    | Plug-Button 9/16in                                               |  |  |  |  |
| ❸3  | 24 100 01-S | 2    | Nut-Plastic                                                      |  |  |  |  |
| ❹4  | 24 100 02-S | 2    | Nut-Plastic                                                      |  |  |  |  |
| ❺5  | 24 755 81-S | 1    | Kit, Fixed Guard (Includes 6, 7, And Insert 24 332 01-Sqty. 5)   |  |  |  |  |
| ❻6  | 24 468 10-S | 5    | Washer, Plain 1/4                                                |  |  |  |  |
| ❼7  | 24 086 35-S | 5    | Screw-Head, Pan                                                  |  |  |  |  |
| ❽8  | M-551016-S  | 1    | Screw-Hex. Flange, M5x0.8x16                                     |  |  |  |  |
| ❾9  | M-545016-S  | 3    | Screw-Hf, M5x0.8x16                                              |  |  |  |  |
| ❿10 | M-545020-S  | 4    | Screw-Hf, M5x0.8x20                                              |  |  |  |  |
| ⓫11 | 24 146 16-S | 1    | Plate-Backing, #2 Side                                           |  |  |  |  |
| ⓫12 | M-645016-S  | 6    | Screw-HF                                                         |  |  |  |  |
| ⓫13 | 24 063 20-S | 1    | Baffle-Cylinder Barrel, #2 Side                                  |  |  |  |  |
| ⓫14 | 24 063 17-S | 1    | Baffle-Valley, #2 Side                                           |  |  |  |  |
| ⓫15 | M-545010-S  | 2    | Screw-Hf, M5x0.8x10                                              |  |  |  |  |
| ⓫16 | 24 063 24-S | 1    | Baffle, Valley 1 Side                                            |  |  |  |  |
| ⓫17 | 24 063 58-S | 1    | Baffle-Cylinder Barrel, #1 Side                                  |  |  |  |  |
| ⓫18 | 24 146 20-S | 1    | Plate-Backing, #1 Side                                           |  |  |  |  |
| ❶❸  | 25 113 24-S | 1    | Decal-Small, Round                                               |  |  |  |  |
| ❶❸  | 24 113 95-S | 1    | Decal-Hp                                                         |  |  |  |  |



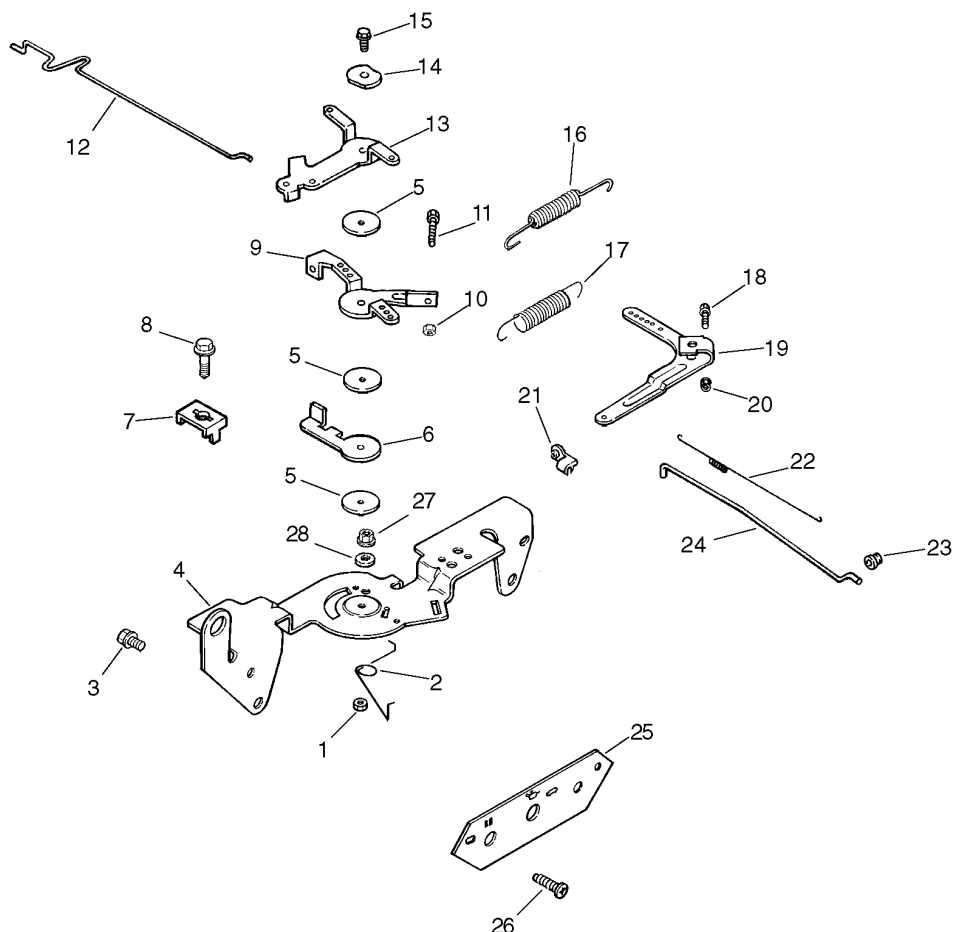
**Starter Assembly**  
**Kohler CH20S-64667**

| Ref | Part No.    | Qty. | Description                                   |  |  |  |  |
|-----|-------------|------|-----------------------------------------------|--|--|--|--|
| ❶1  | M-839080-S  | 2    | Screw-Hex. Flange, M8x1.25x80                 |  |  |  |  |
| ❷2  | 25 098 08-S | 1    | Starter, Solenoid Shift ASM<br>(Includes 4-7) |  |  |  |  |
| ❸3  | M-841080-S  | 1    | Nut-Hf, M8x1.25                               |  |  |  |  |
| ❹4  | 25 435 04-S | 1    | Kit-Solenoid                                  |  |  |  |  |
| ❺5  | 25 755 33-S | 1    | Kit, Pinion Drive (Includes 6)                |  |  |  |  |
| ❻6  | 25 141 05-S | 1    | Ring                                          |  |  |  |  |
| ❼7  | 25 221 01-S | 1    | Kit, Brush                                    |  |  |  |  |



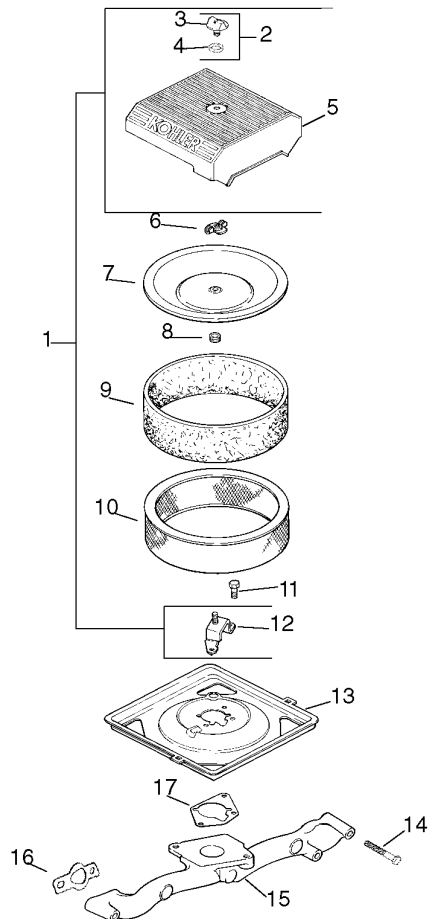
Fuel System Assembly  
Kohler CH20S-64667

| Ref | Part No.    | Qty. | Description                             |  |  |  |  |
|-----|-------------|------|-----------------------------------------|--|--|--|--|
| ❸1  | 25 353 32-S | 2    | Line-Fuel                               |  |  |  |  |
| ❸2  | 25 237 14-S | 6    | Clamp-Hose, 11/16in                     |  |  |  |  |
| ❸3  | 24 853 43-S | 1    | Kit, Carburetor W/gasket (Includes 4-6) |  |  |  |  |
| ❸4  | 24 041 17-S | 1    | Gasket-Carburetor                       |  |  |  |  |
| ❸5  | 24 053 43   | 1    | Carburetor Assembly                     |  |  |  |  |
| ❸6  | 24 041 06-S | 1    | Gasket-Air Cleaner Base                 |  |  |  |  |
| ❸7  | M-651030-S  | 2    | Screw-Hex. Flange, M6x1.0x30            |  |  |  |  |
| ❸8  | 24 050 02-S | 1    | Filter, Fuel                            |  |  |  |  |
| ❸9  | 24 100 01-S | 2    | Nut-Plastic                             |  |  |  |  |
| ❸10 | 24 393 16-S | 1    | Pump-Fuel                               |  |  |  |  |
| ❸11 | 24 086 12-S | 2    | Screw-Hex. Hd., M6x1.7x18               |  |  |  |  |
| ❸12 | 24 353 02-S | 1    | Line-Fuel, 15-3/4 (Pump To Fitting)     |  |  |  |  |
| ❸13 | M-650012-S  | 1    | Screw-HF                                |  |  |  |  |
| ❸14 | 47 154 01-S | 1    | Clip-Cable                              |  |  |  |  |
| ❶❸  | 24 757 01-S | 1    | Kit, Solenoid                           |  |  |  |  |
| ❶❸  | 24 757 02-S | 1    | Kit, Float                              |  |  |  |  |
| ❶❸  | 24 757 03-S | 1    | Kit, Carburetor Repair                  |  |  |  |  |
| ❶❸  | 24 757 07-S | 1    | Kit, Choke Repair                       |  |  |  |  |



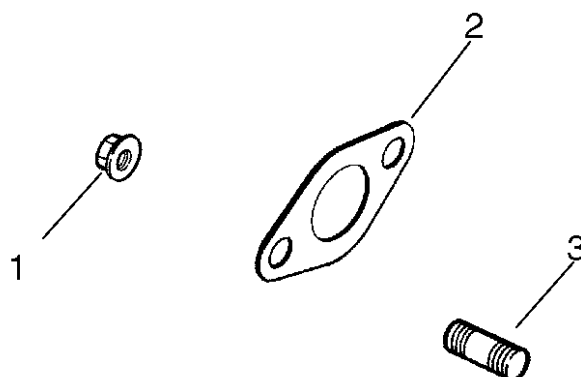
## Engine Control Assembly Kohler CH20S-64667

| Ref | Part No.    | Qty. | Description                      | Ref | Part No.    | Qty. | Description                |
|-----|-------------|------|----------------------------------|-----|-------------|------|----------------------------|
| ❶   | M-547050-S  | 1    | Nut-Hex. Lock, M5x0.8            | ❶   | 24 378 01-S | 1    | Panel, Control             |
| ❷   | 24 089 03-S | 1    | Spring, Choke Return             | ❷   | 24 086 06-S | 1    | Screw                      |
| ❸   | M-645016-S  | 4    | Screw-HF                         | ❸   | M-541050-S  | 1    | Nut-Hex. Flange, M5x0.8x50 |
| ❹   | 24 126 56-S | 1    | Bracket-Control                  | ❹   | X-20-1-S    | 1    | Washer-Lock, 1/4           |
| ❺   | 24 468 01-S | 3    | Washer-Plain, 5.5mm              |     |             |      |                            |
| ❻   | 24 090 07-S | 1    | Lever-Throttle Actuator          |     |             |      |                            |
| ❼   | 12 237 01-S | 2    | Clamp-Cable                      |     |             |      |                            |
| ❽   | M-545016-S  | 3    | Screw-Hf, M5x0.8x16              |     |             |      |                            |
| ❾   | 24 090 03-S | 1    | Lever, Throttle Control          |     |             |      |                            |
| ❿   | M-446030-S  | 1    | Nut-Hex, M4x0.7                  |     |             |      |                            |
| ⓫   | M-401030-S  | 1    | Screw-Hex. Cap, M4x0.7x30        |     |             |      |                            |
| ⓬   | 24 079 02-S | 1    | Linkage-Choke                    |     |             |      |                            |
| ⓭   | 24 090 05-S | 1    | Lever-Choke                      |     |             |      |                            |
| ⓮   | 41 468 03-S | 1    | Washer-Spring, 1/4               |     |             |      |                            |
| ⓯   | M-545020-S  | 1    | Screw-Hf, M5x0.8x20              |     |             |      |                            |
| ⓰   | 24 089 51-S | 1    | Spring-Throttle Limiter          |     |             |      |                            |
| ⓱   | 24 089 46-S | 1    | Spring-Governor                  |     |             |      |                            |
| ⓲   | 24 211 03-S | 1    | Bolt-Rd. Hd. Sq. Neck, M6x1.0x16 |     |             |      |                            |
| ⓳   | 24 090 33-S | 1    | Lever-Governor                   |     |             |      |                            |
| ⓴   | M-641060-S  | 1    | Nut-Hf, M6x1.0                   |     |             |      |                            |
| ⓵   | 25 158 11-S | 1    | Bushing-Linkage, Throttle        |     |             |      |                            |
| ⓶   | 24 089 01-S | 1    | Spring-Linkage                   |     |             |      |                            |
| ⓷   | 25 158 08-S | 1    | Bushing-Retaining, Linkage       |     |             |      |                            |
| ⓸   | 24 079 01-S | 1    | Linkage-Throttle                 |     |             |      |                            |



**Air Intake/Filtration Assembly**  
**Kohler CH20S-64667**

| Ref | Part No.    | Qty. | Description                               |  |  |  |  |
|-----|-------------|------|-------------------------------------------|--|--|--|--|
| ❸1  | 24 743 06-S | 1    | Kit, Air Cleaner Cover (Includes 2-5, 12) |  |  |  |  |
| ❸2  | 54 755 01-S | 1    | Kit, Knob W/seal (Includes 3, 4)          |  |  |  |  |
| ❸3  | 25 341 03-S | 1    | Knob-Cover                                |  |  |  |  |
| ❸4  | 24 153 20-S | 1    | O-Ring                                    |  |  |  |  |
| ❸5  | 24 096 26-S | 1    | Cover, Air Cleaner                        |  |  |  |  |
| ❸6  | 12 100 01-S | 1    | Nut-Wing                                  |  |  |  |  |
| ❸7  | 24 096 01-S | 1    | Cover-Inner Air Cleaner                   |  |  |  |  |
| ❸8  | 24 032 03-S | 1    | Seal, Inner Air Cleaner                   |  |  |  |  |
| ❸9  | 24 083 02-S | 1    | Element, Precleaner                       |  |  |  |  |
| ❸10 | 47 083 03-S | 1    | Element, Air Cleaner                      |  |  |  |  |
| ❸11 | M-639016-S  | 3    | Screw-Hf, M6x1.0x16                       |  |  |  |  |
| ❸12 | 24 126 21-S | 1    | Bracket, Air Cleaner                      |  |  |  |  |
| ❸13 | 24 094 03-S | 1    | Base-Air Cleaner                          |  |  |  |  |
| ❸14 | 25 086 84-S | 4    | Screw-Hfh                                 |  |  |  |  |
| ❸15 | 24 164 14-S | 1    | Manifold                                  |  |  |  |  |
| ❸16 | 24 041 01-S | 2    | Gasket-Intake Manifold                    |  |  |  |  |
| ❸17 | 24 041 06-S | 1    | Gasket-Air Cleaner Base                   |  |  |  |  |



| Ref | Part No.     | Qty. | Description     |  |  |  |  |
|-----|--------------|------|-----------------|--|--|--|--|
| ③1  | M-841080-S   | 4    | Nut-Hf, M8x1.25 |  |  |  |  |
| ③2  | 24 041 02-S  | 2    | Gasket-Exhaust  |  |  |  |  |
| ③3  | 25 072 04-S  | 4    | Stud-M8x1.25x33 |  |  |  |  |
| ①③  | 24 522 181   | 1    | Short Block     |  |  |  |  |
| ①③  | 24 782 15    | 1    | Miniblock       |  |  |  |  |
| ①③  | 24 755 107-S | 1    | Gasket Set      |  |  |  |  |

## NOTES

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