



Form No. 3391-861 Rev F

**Count on it.**

# Parts Catalog

## **Multi Pro® 5800 Turf Sprayer**

Model No. 41594—Serial No. 315000001 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.

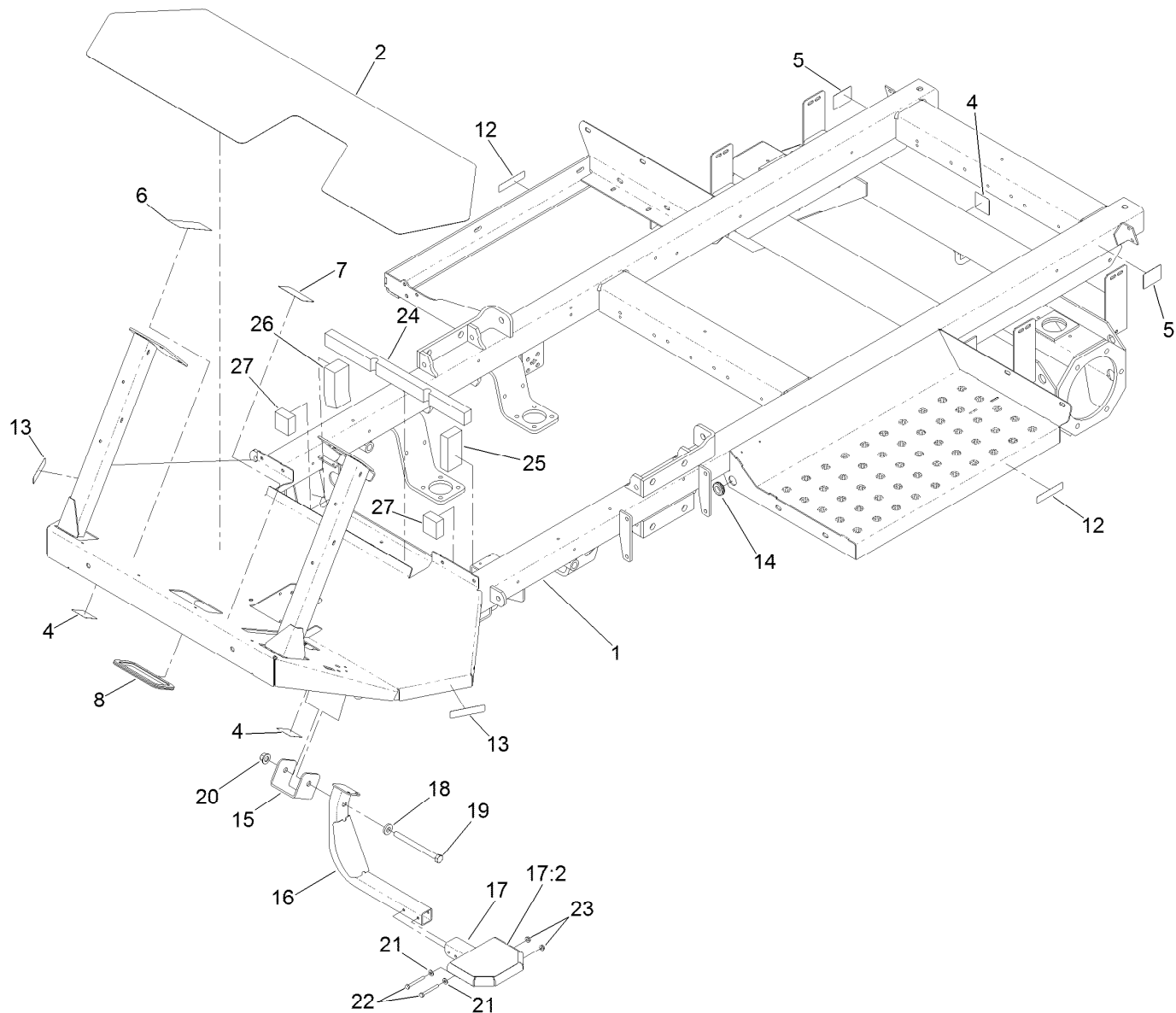
For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

# Contents

|                                                                       |    |
|-----------------------------------------------------------------------|----|
| Frame and Step Assembly .....                                         | 5  |
| Front Axle Assembly .....                                             | 6  |
| Hydraulic Cylinder Assembly No. 93-6510 .....                         | 8  |
| Hub Assembly No. 119-6003 .....                                       | 9  |
| Front Suspension Assembly .....                                       | 10 |
| Seat Base Assembly .....                                              | 11 |
| Seat, Fresh Water Tank and Roll-Over Protection System Assembly ..... | 12 |
| Control Console Assembly .....                                        | 13 |
| Brake Pedal Assembly .....                                            | 14 |
| Traction Pedal Assembly .....                                         | 15 |
| Throttle Assembly .....                                               | 16 |
| Dash Assembly .....                                                   | 17 |
| Hood and Fender Assembly .....                                        | 18 |
| Engine Mounting and Bell Housing Assembly .....                       | 19 |
| Exhaust and Air Cleaner Assembly .....                                | 20 |
| Air Cleaner Assembly No. 106-5277 .....                               | 22 |
| Engine and Shroud Assembly .....                                      | 23 |
| Fuel Tank Assembly .....                                              | 24 |
| Radiator and Oil Cooler Assembly .....                                | 25 |
| Hydraulic Pump and Filter Assembly .....                              | 27 |
| Piston Pump Assembly No. 117-0685 .....                               | 29 |
| Control Assembly No. 115-4446 .....                                   | 31 |
| Tandem Pump Assembly No. 119-5038 .....                               | 32 |
| Hydraulic Tank Assembly .....                                         | 33 |
| Hydraulic Pump and Filter Assembly .....                              | 34 |
| Pump Control Valve Assembly No. 117-0708 .....                        | 36 |
| Steering Hydraulic Assembly .....                                     | 37 |
| Steering Valve Assembly No. 117-0707 .....                            | 38 |
| Boom Lift Assembly .....                                              | 39 |
| Hydraulic Cylinder Assembly No. 117-0701 .....                        | 40 |
| On-Off Boom Lift Valve No. 117-0702 .....                             | 41 |
| Rear Drive Assembly .....                                             | 42 |
| Planetary Assembly No. 105-4500 .....                                 | 44 |
| RH Brake Assembly No. 100-3069 .....                                  | 45 |
| LH Brake Assembly No. 100-3070 .....                                  | 46 |
| Hydraulic Motor Assembly No. 93-6488 .....                            | 47 |
| Hydraulic Motor Assembly No. 93-6489 .....                            | 48 |
| Electrical Assembly .....                                             | 49 |
| Tank and Saddle Assembly .....                                        | 50 |
| Tank Assembly No. 117-8005 .....                                      | 51 |
| Spray Tank Lid Assembly .....                                         | 52 |
| Drain Hose Assembly No. 131-5774 .....                                | 53 |
| Tank Mounting and Filter Assembly .....                               | 54 |
| Filter Assembly No. 130-7096 .....                                    | 55 |
| Spray System Hose Assembly .....                                      | 56 |
| Spray Pump and Valve Assembly .....                                   | 58 |
| Pump Assembly No. 117-0713 .....                                      | 59 |
| Agitation Hose Assembly No. 131-3730 .....                            | 60 |
| Hydraulic Motor Assembly No. 117-0706 .....                           | 61 |
| Spray Manifold Assembly .....                                         | 62 |
| On/Off Manifold Valve Kit No. 127-9803 .....                          | 63 |
| Pressure Filter Assembly No. 127-9847 .....                           | 64 |
| Bypass Valve Assembly No. 127-9805 .....                              | 65 |
| On/Off 2-Way Valve Kit No. 131-0249 .....                             | 66 |

## Contents (continued)

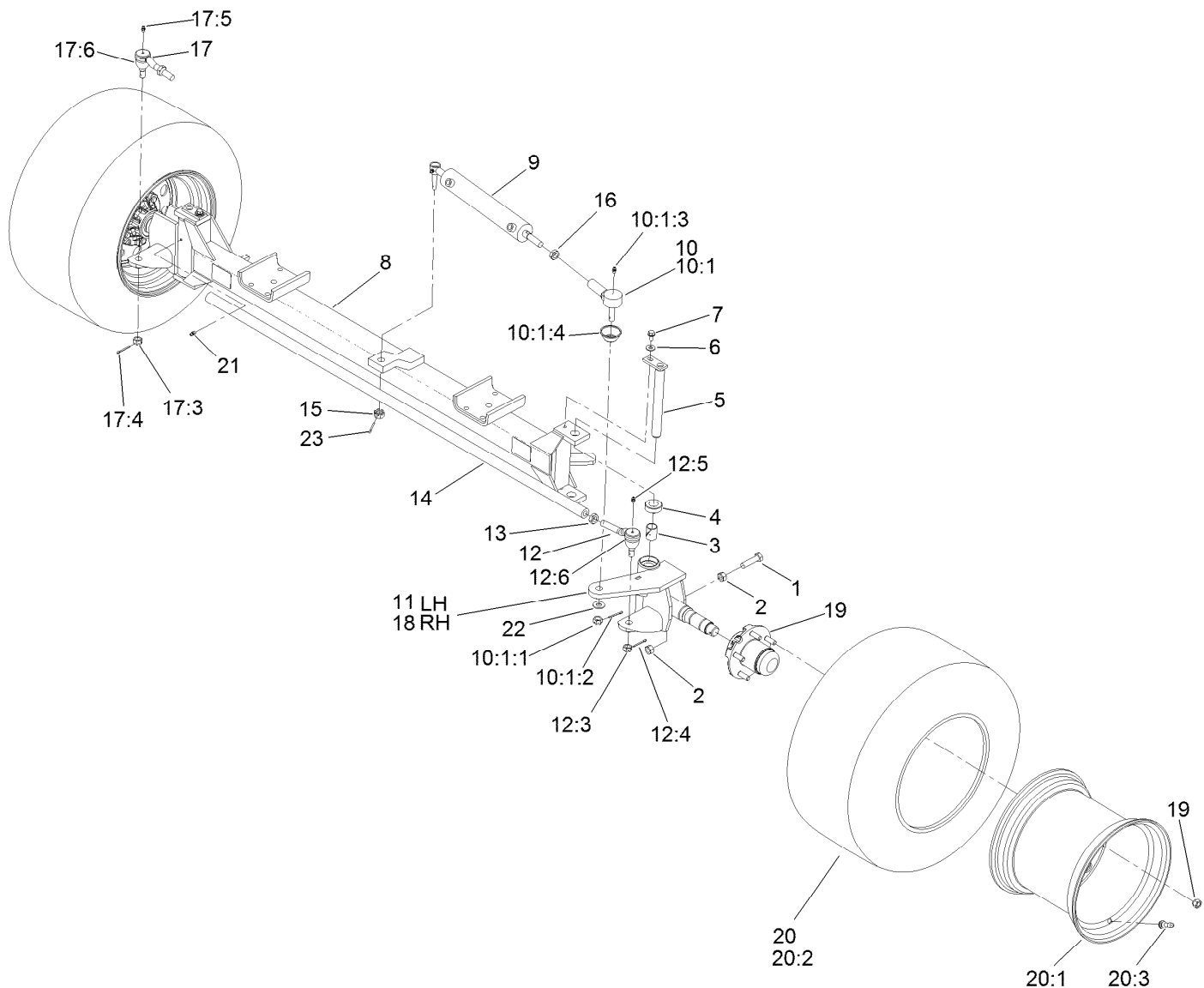
|                                                   |     |
|---------------------------------------------------|-----|
| 2 Way Valve On/Off Assembly No. 131-0250 .....    | 67  |
| Actuator On/Off Kit No. 131-3723 .....            | 68  |
| On/Off Manifold Valve Kit No. 131-0248 .....      | 69  |
| Manifold Valve Kit No. 131-0253 .....             | 70  |
| Center Boom Assembly .....                        | 71  |
| LH Single Turret Body Assembly No. 108-3725 ..... | 73  |
| Double Turret Body Assembly No. 108-3727 .....    | 74  |
| RH Single Body Turret Assembly No. 108-3726 ..... | 75  |
| Left and Right Hand Boom Assembly .....           | 76  |
| Crankcase Assembly .....                          | 77  |
| Oil Pan Assembly .....                            | 78  |
| Cylinder Head Assembly .....                      | 79  |
| Gear Case and Oil Filter Cartridge Assembly ..... | 80  |
| Cylinder Head Cover Assembly .....                | 81  |
| Oil Dipstick and Guide Assembly .....             | 82  |
| Main Bearing Case Assembly .....                  | 83  |
| Cam Shaft and Idle Gear Assembly .....            | 84  |
| Piston and Crankshaft Assembly .....              | 85  |
| Flywheel and Sensor Switch Assembly .....         | 86  |
| Ignition Coil and Delivery Pipe Assembly .....    | 87  |
| Engine Covers Assembly .....                      | 88  |
| Solenoid Cover and Hydraulic Pump Cover .....     | 89  |
| Alternator, Pulley and Fan Assembly .....         | 90  |
| Alternator Assembly No. 131-9567 .....            | 91  |
| Starter Installation Assembly .....               | 92  |
| Starter Assembly No. 127-0495 .....               | 93  |
| Water Flange and Thermostat Assembly .....        | 94  |
| Water Pump Assembly .....                         | 95  |
| Valve and Rocker Arm Assembly .....               | 96  |
| Inlet Manifold Assembly .....                     | 97  |
| Exhaust Manifold Assembly .....                   | 98  |
| Wire Harness Assembly .....                       | 99  |
| Electronic Control Unit Assembly .....            | 100 |
| Miscellaneous Engine Parts .....                  | 101 |
| Attachments and Accessories .....                 | 102 |



## Frame and Step Assembly

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 130-7070-03 | 1    | Frame                  |
| 2    | 104-8863    | 1    | Tread-Floor            |
| 4    | 120-0623    | 3    | Decal-Tie Down, Towing |
| 5    | 107-8667    | 2    | Decal-Jacking          |
| 6    | 107-8724    | 1    | Decal-Traction         |
| 7    | 100-8619    | 1    | Decal-Switch, Boom     |
| 8    | 119-0599    | 1    | Trim-Seal              |
| 12   | 107-8732    | 2    | Decal-Torque (CE)      |
| 13   | 107-8731    | 2    | Decal-Torque (CE)      |
| 14   | 240-6       | 1    | Grommet-Rubber         |
| 15   | 127-2928-03 | 1    | Bracket-Spacer, Step   |
| 16   | 127-2929-03 | 1    | Mount-Step, LH         |

| Ref. | Part Number | Qty. | Description     |
|------|-------------|------|-----------------|
| 17   | 130-7349    | 1    | Step-Pad        |
| 17:2 | 127-6978    | 1    | Tread-Pad, Step |
| 18   | 107-3395    | 1    | Washer-Hardened |
| 19   | 325-20      | 1    | Screw-HH        |
| 20   | 99-5107     | 1    | Nut-Lock        |
| 21   | 3256-22     | 2    | Washer-Flat     |
| 22   | 321-50      | 2    | Screw-HH        |
| 23   | 32128-33    | 2    | Nut-HF          |
| 24   | 131-5751    | 1    | Foam-Seal       |
| 25   | 131-5752    | 1    | Foam-Seal       |
| 26   | 131-5753    | 1    | Foam-Seal       |
| 27   | 131-5754    | 2    | Foam-Seal       |

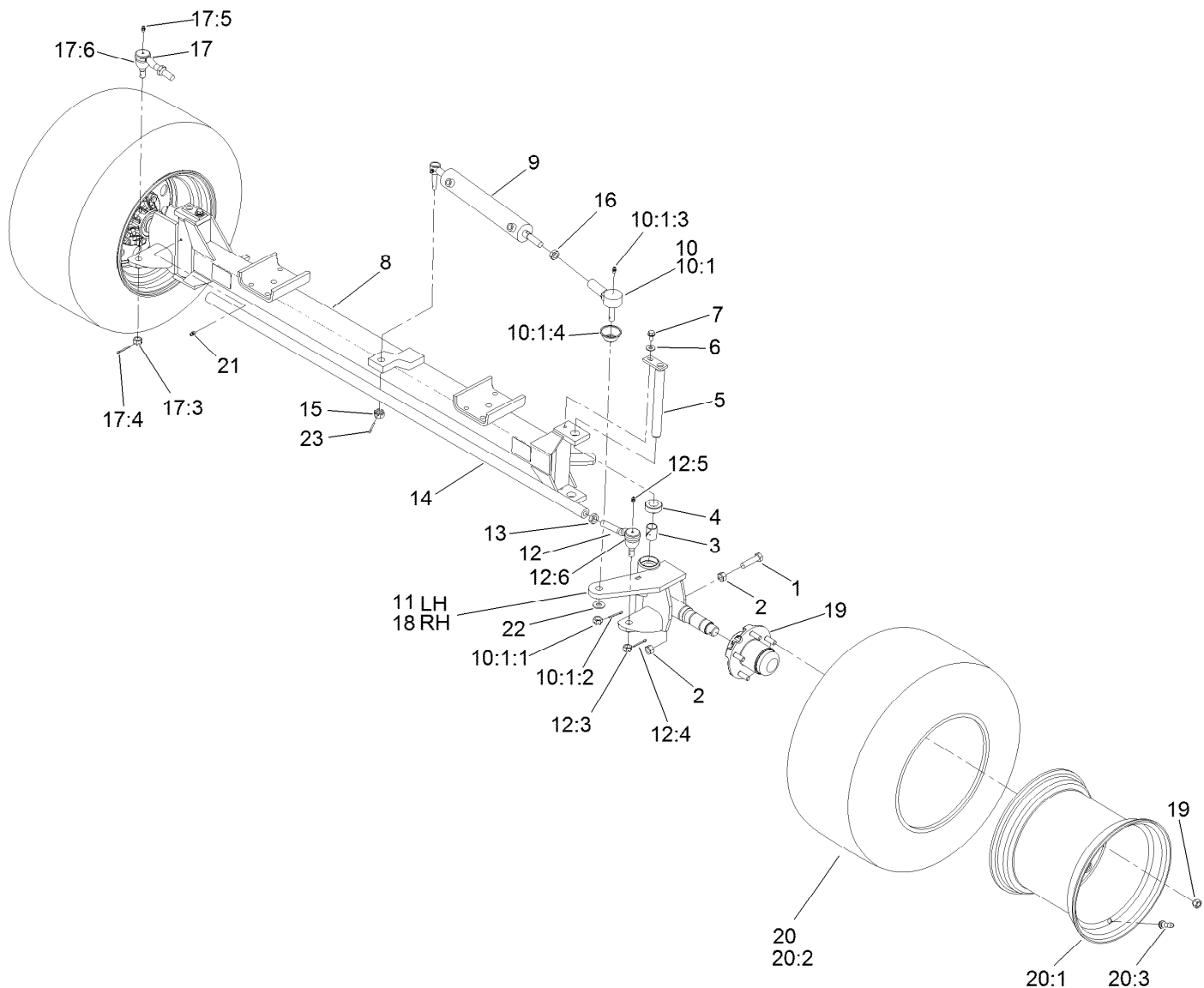


## Front Axle Assembly

| Ref.   | Part Number | Qty. | Description            |
|--------|-------------|------|------------------------|
| 1      | 01-182-0816 | 2    | Bolt-HH                |
| 2      | 3217-9      | 4    | Nut-HH                 |
| 3      | 93-6586     | 4    | Bushing                |
| 4      | 93-6587     | 2    | Bearing                |
| 5      | 93-6584     | 2    | King Pin ASM           |
| 6      | 3256-3      | 2    | Washer-Flat            |
| 7      | 32144-14    | 2    | Screw-HWHTF            |
| 8      | 121-5087-03 | 1    | Front Axle ASM         |
| 9      | 93-6510     | 1    | Cylinder ASM           |
| 10     | 93-6509-03  | 1    | Tie Rod End ASM        |
| 10:1   |             | 1    | End-Tie Rod ●          |
| 10:1:1 | 32136-3     | 1    | Nut-SHH                |
| 10:1:2 | 3272-12     | 1    | Pin-Cotter             |
| 10:1:3 | 302-5       | 1    | Fitting-Grease         |
| 10:1:4 | 106-4901    | 1    | Seal-End, Rod          |
| 11     | 117-5899-03 | 1    | LH Spindle Housing ASM |
| 12     | 87-1470-03  | 1    | End-Tie Rod, LH        |
| 12:3   | 32136-3     | 1    | Nut-SHH                |

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 12:4 | 3272-12     | 1    | Pin-Cotter         |
| 12:5 | 302-5       | 1    | Fitting-Grease     |
| 12:6 | 107-1587    | 1    | Seal               |
| 13   | 3218-21     | 1    | Nut-Jam LH         |
| 14   | 93-6588     | 1    | Rod-Steering       |
| 15   | 32136-13    | 1    | Nut-SHH            |
| 16   | 3220-11     | 2    | Nut-Jam            |
| 17   | 87-1480-03  | 1    | End-Tie Rod, RH    |
| 17:3 | 32136-3     | 1    | Nut-SHH            |
| 17:4 | 3272-12     | 1    | Pin-Cotter         |
| 17:5 | 302-5       | 1    | Fitting-Grease     |
| 17:6 | 107-1587    | 1    | Seal               |
| 18   | 117-5897-03 | 1    | Spindle-RH         |
| 19   | 119-6003    | 2    | Hub ASM            |
| 20   | 127-1100    | 2    | Wheel And Tire ASM |
| 20:1 | 125-5899    | 1    | Wheel              |
| 20:2 | 120-2114    | 1    | Tire-Smooth        |
| 20:3 | 232-27      | 1    | Stem-Valve         |

● Not serviced separately

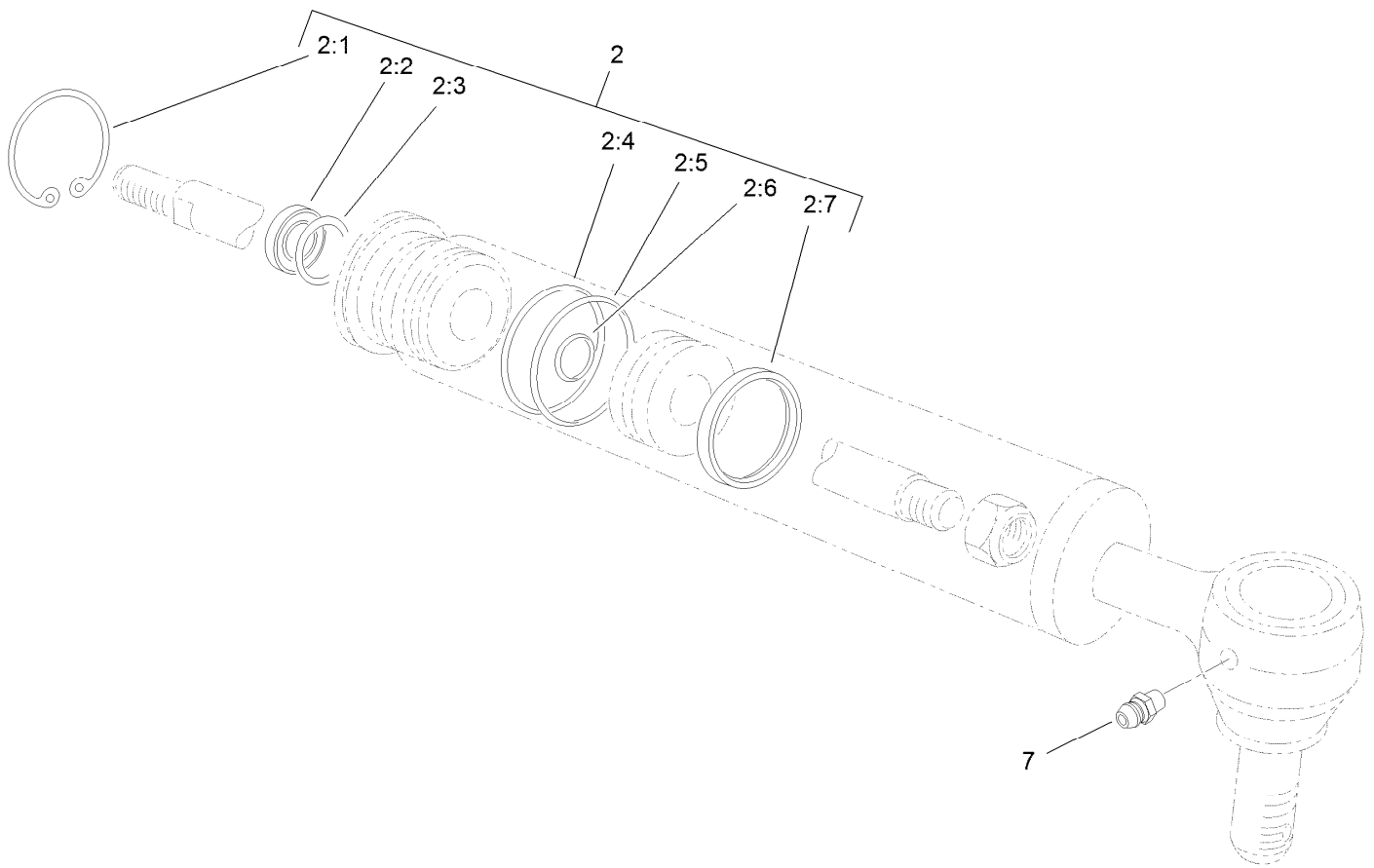


## Front Axle Assembly (continued)

| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 21   | 302-5       | 2    | Fitting-Grease |

| Ref. | Part Number | Qty. | Description   |
|------|-------------|------|---------------|
| 22   | 87-7270     | 1    | Washer-Thrust |
| 23   | 3272-12     | 1    | Pin-Cotter    |

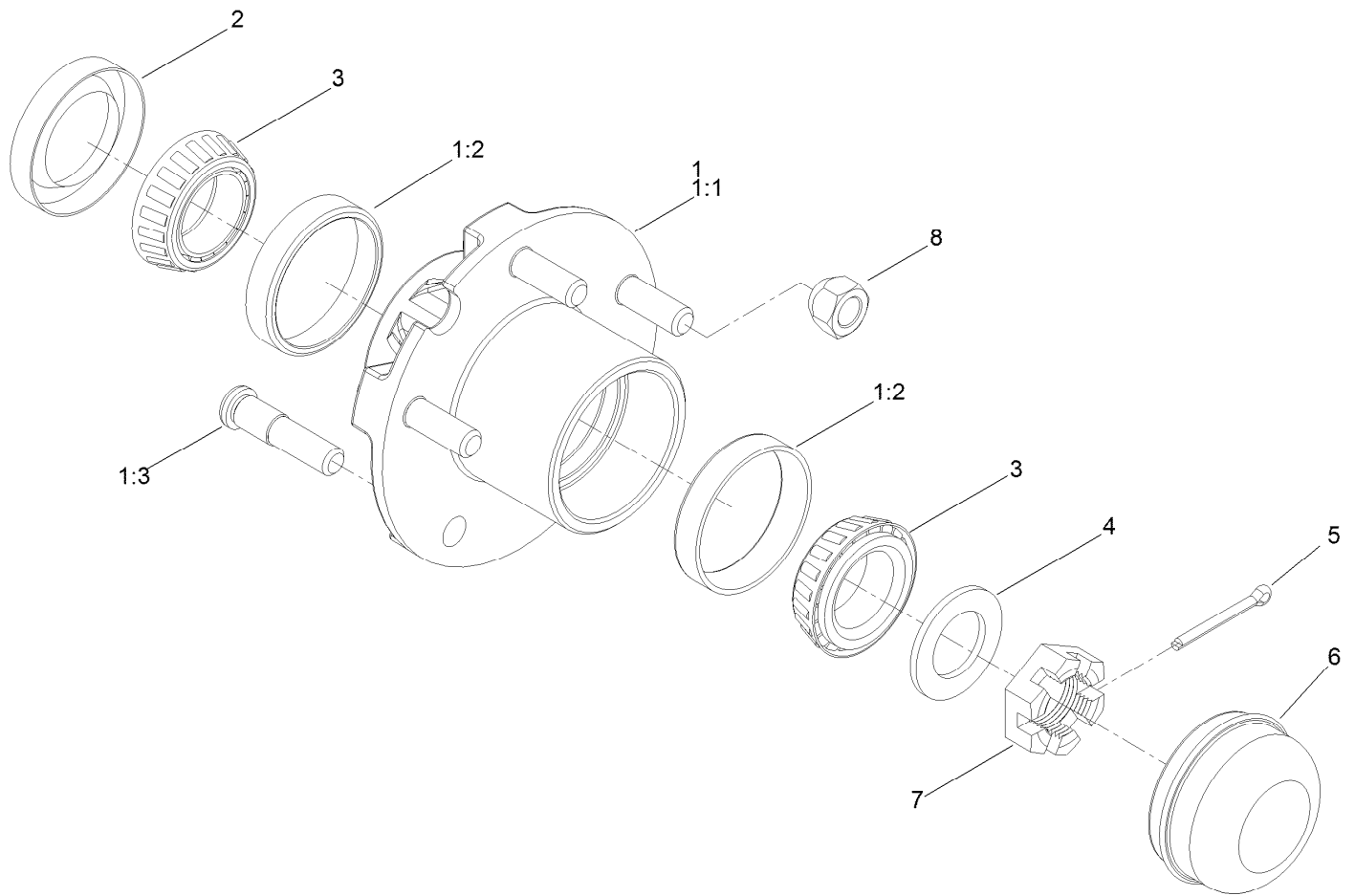
● Not serviced separately



## Hydraulic Cylinder Assembly No. 93-6510

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 2    | 92-3992     | 1    | Repair Kit       |
| 2:1  |             | 1    | Ring-Retaining ● |
| 2:2  |             | 1    | Seal-Dust ●      |
| 2:3  |             | 1    | Seal-Rod ●       |
| 2:4  |             | 1    | Ring-Backup ●    |
| 2:5  |             | 1    | O-Ring ●         |
| 2:6  |             | 1    | O-Ring ●         |
| 2:7  |             | 1    | Uniring ●        |
| 7    | 302-5       | 1    | Fitting-Grease   |

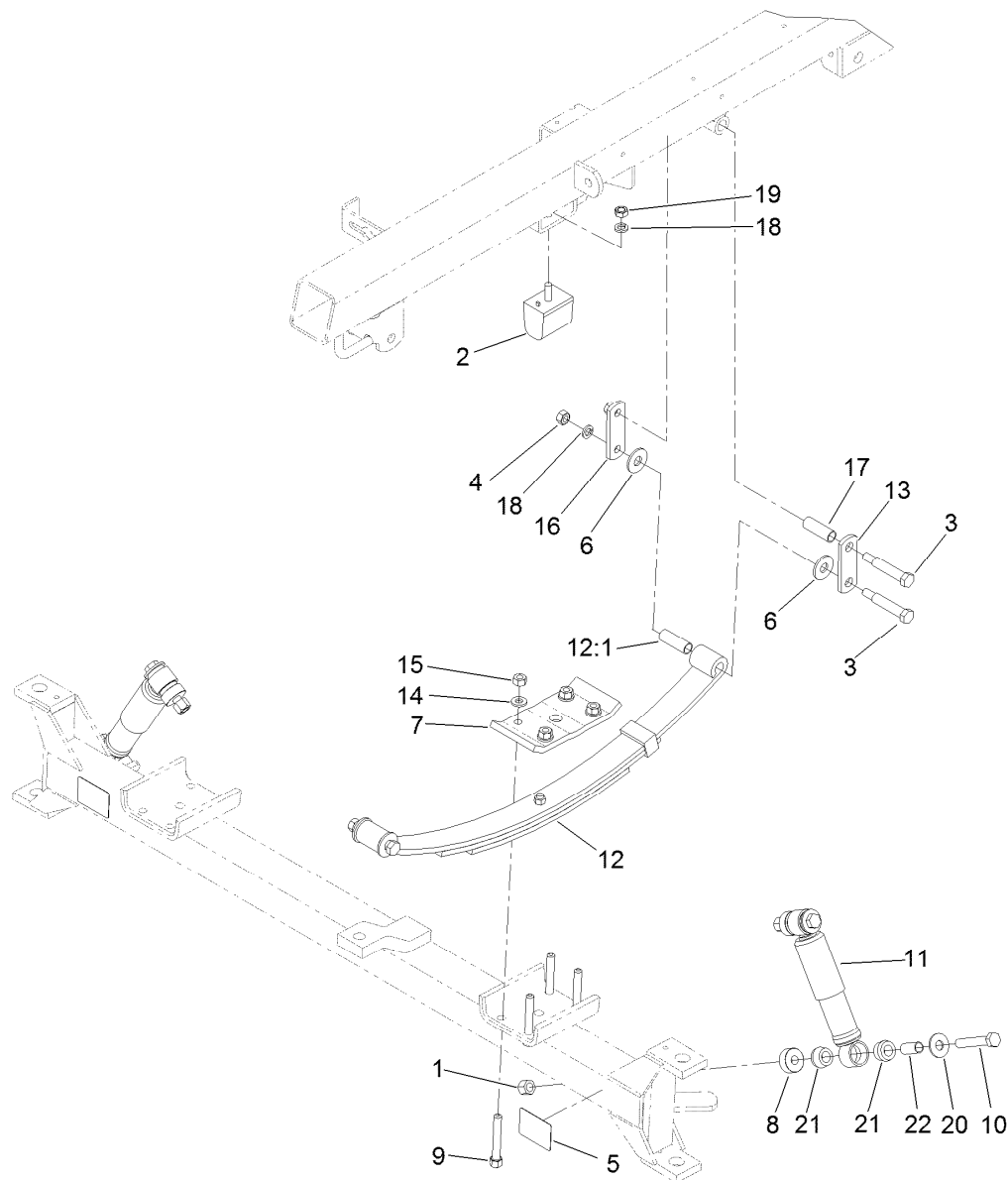
● Not serviced separately



## Hub Assembly No. 119-6003

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 119-6001    | 1    | Hub ASM              |
| 1:1  |             | 1    | Hub ●                |
| 1:2  | 115-9471    | 2    | Bearing-Cup          |
| 1:3  | 69-2990     | 5    | Stud-Wheel           |
| 2    | 94-7285     | 1    | Seal                 |
| 3    | 254-62      | 2    | Bearing-Roller, Cone |
| 4    | 85-5770     | 1    | Washer-Thrust        |
| 5    | 3272-18     | 1    | Pin-Cotter           |
| 6    | 119-6004    | 1    | Cap-Dust             |
| 7    | 119-6005    | 1    | Nut-Slotted, Hex     |
| 8    | 242-35      | 5    | Nut-Wheel            |

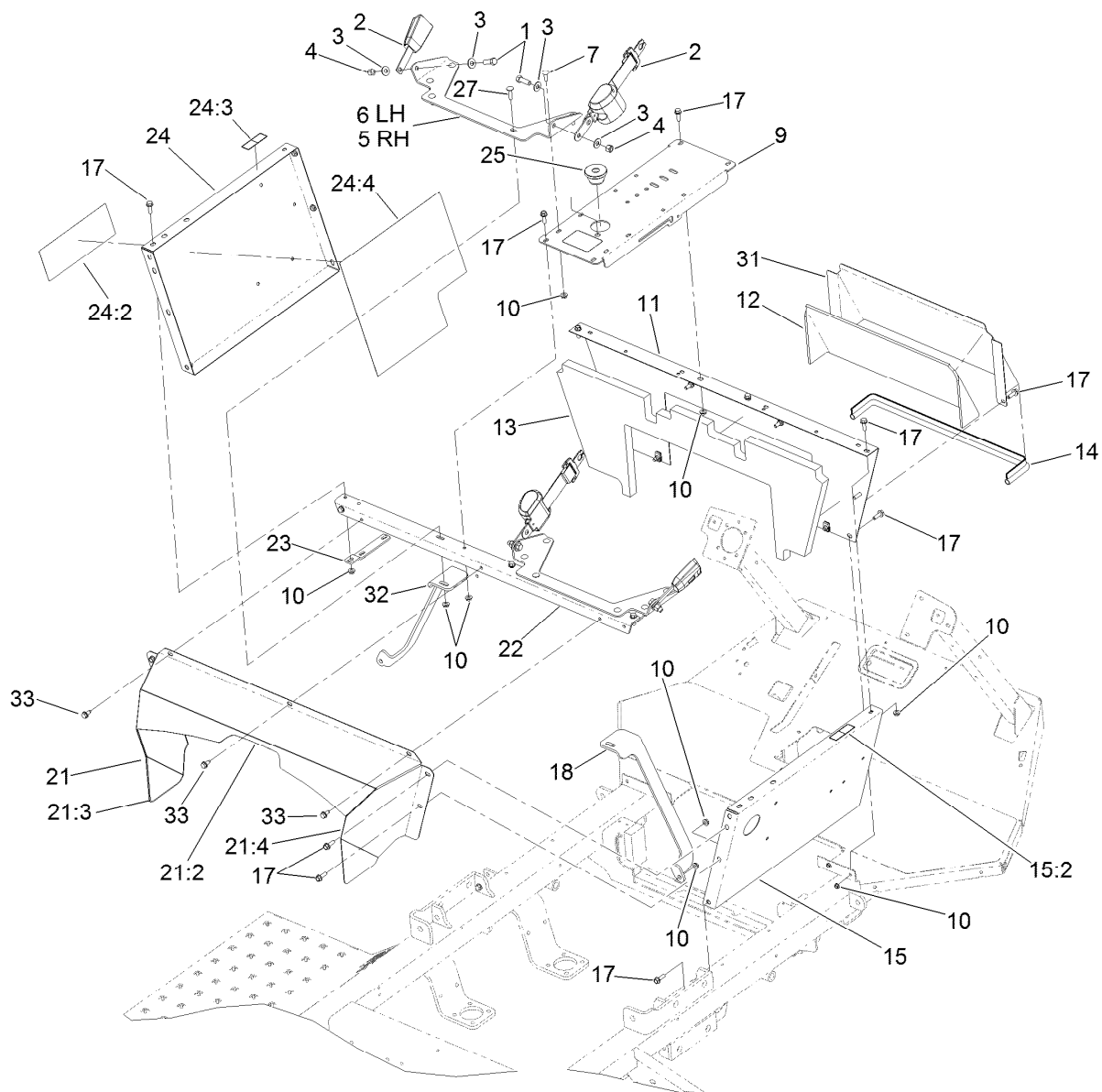
● Not serviced separately



## Front Suspension Assembly

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 1    | 3296-23     | 4    | Nut-Lock, NI      |
| 2    | 87-3470     | 2    | Bumper            |
| 3    | 110-5072    | 6    | Bolt-Shoulder     |
| 4    | 3217-8      | 6    | Nut-Hex           |
| 5    | 107-8667    | 2    | Decal-Jacking     |
| 6    | 93-6161     | 8    | Washer            |
| 7    | 121-5089-03 | 2    | Plate-Top, Spring |
| 8    | 127-2913    | 4    | Spacer            |
| 9    | 26-0672     | 8    | Bolt-Blade        |
| 10   | 325-12      | 4    | Screw-HH          |
| 11   | 87-3110     | 2    | Absorber-Shock    |
| 12   | 99-0570     | 2    | Spring-Leaf       |

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 12:1 | 119-9437    | 2    | Bushing-Spring, Leaf |
| 13   | 42574       | 2    | Shackel-Outside      |
| 14   | 87-7480     | 8    | Washer               |
| 15   | 106-0327    | 8    | Nut-Hex              |
| 16   | 42576       | 2    | Shackel-Inside       |
| 17   | 42592       | 2    | Bushing-Shackle      |
| 18   | 3253-6      | 8    | Washer-Lock          |
| 19   | 93-6166     | 2    | Nut-Hex              |
| 20   | 3256-6      | 4    | Washer-Flat          |
| 21   | 87-3920     | 8    | Bushing              |
| 22   | 127-2925    | 4    | Sleeve               |

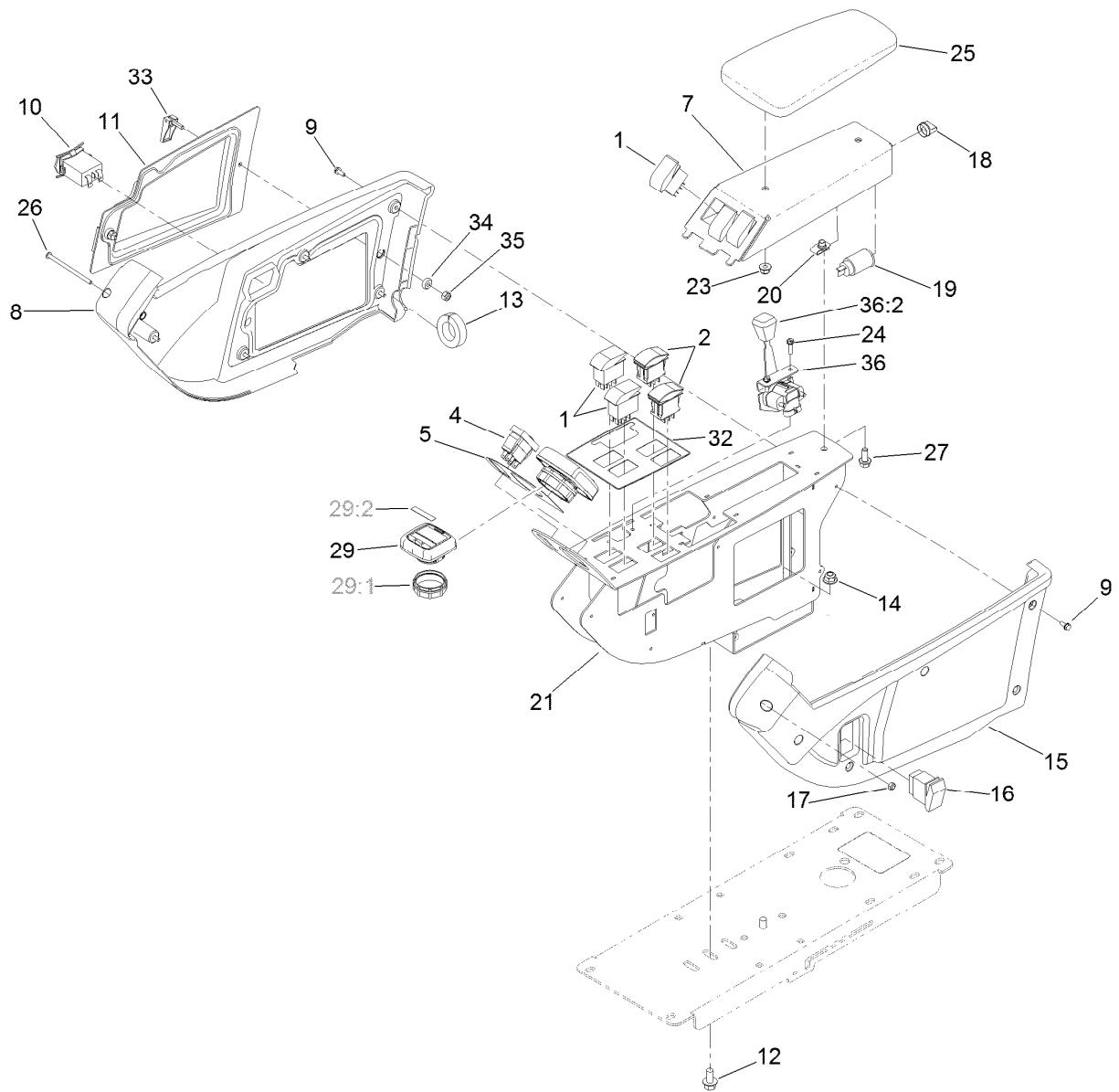


## Seat Base Assembly

| Ref. | Part Number | Qty. | Description                 | Ref. | Part Number | Qty. | Description                     |
|------|-------------|------|-----------------------------|------|-------------|------|---------------------------------|
| 1    | 324-5       | 4    | Screw-HH                    | 21:2 | 131-5766    | 1    | Shield-Heat Tape, Rear Seatbase |
| 2    | 110-0413    | 2    | Seatbelt-Retractable        | 21:3 | 131-5767    | 1    | Shield-Heat Tape, Rear Seatbase |
| 3    | 3256-4      | 8    | Washer-Flat                 | 21:4 | 131-5768    | 1    | Shield-Heat Tape, Rear Seatbase |
| 4    | 3296-48     | 4    | Nut-Hex                     | 22   | 119-5025-03 | 1    | Angle-Seat Box                  |
| 5    | 121-5071-03 | 1    | Bracket-Seat Belt, RH       | 23   | 95-2264     | 2    | Strap                           |
| 6    | 121-5072-03 | 1    | Bracket-Seat Belt, LH       | 24   | 131-5788    | 1    | LH Seat Box Panel ASM           |
| 7    | 3230-22     | 10   | Screw-CARR                  | 24:2 | 120-0619    | 1    | Decal-Warning                   |
| 9    | 119-0559-03 | 1    | Base-Console                | 24:3 | 120-0625    | 1    | Decal-Warning                   |
| 10   | 32128-20    | 38   | Nut-HF                      | 24:4 | 131-5806    | 1    | Shield-Heat Tape, Seatbase (LH) |
| 11   | 130-7107-01 | 1    | Panel-Front, Seatbase       | 25   | 32180-033   | 1    | Grommet                         |
| 12   | 130-7132    | 1    | Barrier-Noise, Access Panel | 27   | 3230-3      | 2    | Screw-CARR                      |
| 13   | 130-7135    | 1    | Barrier-Noise, Front Panel  | 31   | 130-7119-01 | 1    | Panel-Access, Seatbase          |
| 14   | 131-3282    | 1    | Trim                        | 32   | 107-8730-03 | 1    | Support-LH                      |
| 15   | 130-7104    | 1    | Panel-Seatbase, RH          | 33   | 32144-70    | 3    | Screw-HWHTF                     |
| 15:2 | 120-0625    | 1    | Decal-Warning               |      |             |      |                                 |
| 17   | 3234-17     | 26   | Screw-HHF                   |      |             |      |                                 |
| 18   | 107-8729-03 | 1    | Support-RH                  |      |             |      |                                 |
| 21   | 131-5769    | 1    | Rear Seatbase Panel ASM     |      |             |      |                                 |



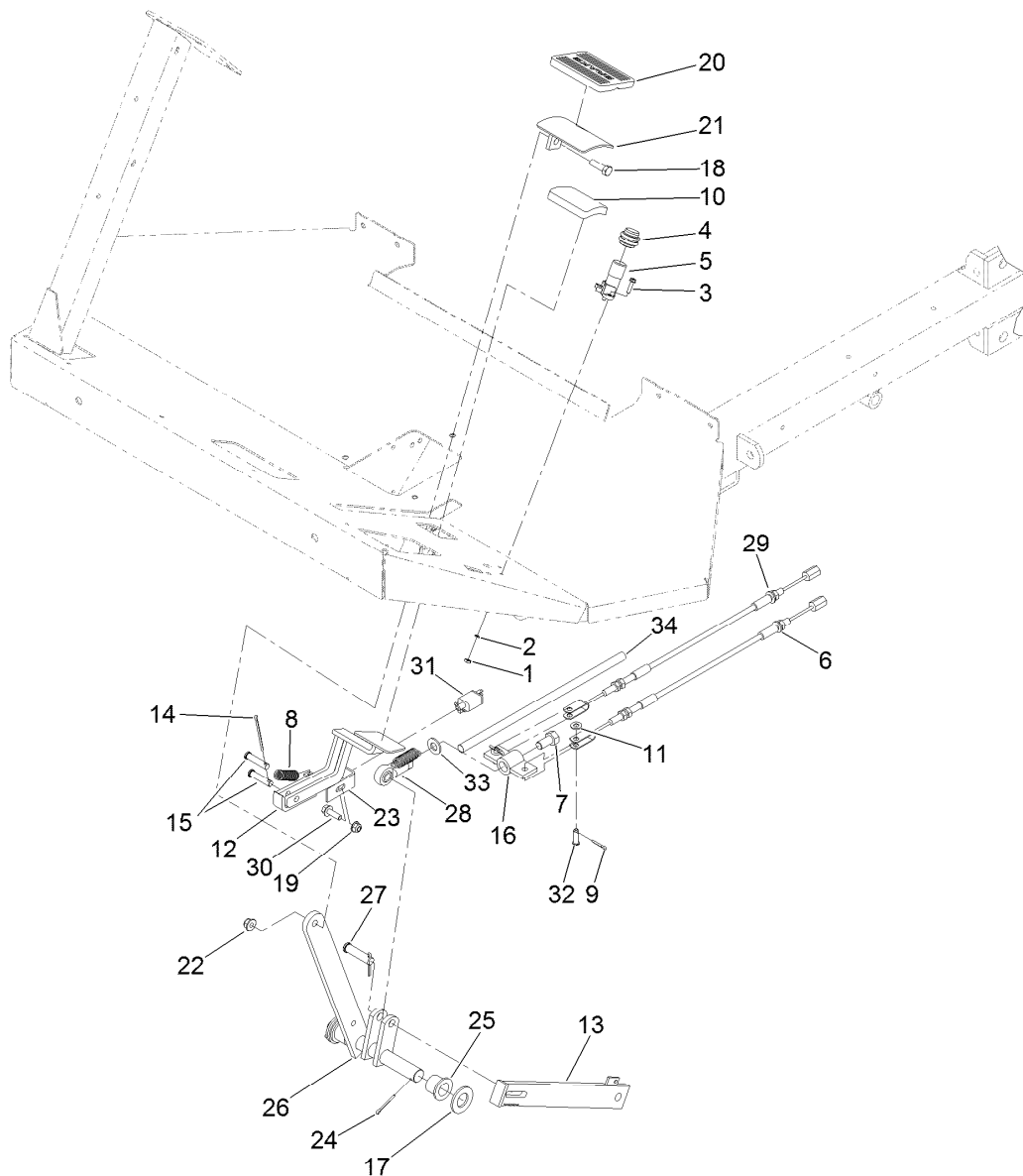
| <b>Ref.</b> | <b>Part Number</b> | <b>Qty.</b> | <b>Description</b>  |
|-------------|--------------------|-------------|---------------------|
| 15:3        | 119-0524           | 1           | Elbow               |
| 15:4        | 106-4925           | 1           | Spigot-90 DEG       |
| 15:5        | 119-0526           | 1           | Bulkhead-Washer     |
| 15:6        | 119-0525           | 1           | Bulkhead-Nut        |
| 15:7        | 99-0613            | 1           | Cap-Tank            |
| 16          | 108-3289-03        | 1           | Panel-Seat, RH      |
| 17          | 108-3288-03        | 1           | Panel-Seat, LH      |
| 18          | 94-7085            | 2           | Trim                |
| 19          | 108-3290           | 2           | Barrier-Noise, Seat |
| 20          | 327-4              | 8           | Screw-HH            |
| 21          | 7-0081             | 6           | Washer-Flat         |
| 22          | 52-2861            | 10          | Washer              |
| 23          | 32128-50           | 8           | Nut-Flange          |
| 24          | 3234-14            | 4           | Screw-HHF           |
| 25          | 33104-035          | 4           | Screw-HHF           |
| 26          | 119-0732-03        | 1           | Armrest-RH          |
| 27          | 119-0731-03        | 1           | Armrest-LH          |
| 28          | 2412-133           | 2           | Clamp-R             |



## Control Console Assembly

| Ref. | Part Number | Qty. | Description                  |
|------|-------------|------|------------------------------|
| 1    | 100-8490    | 5    | Switch-Rocker, On-None-On    |
| 2    | 100-1535    | 2    | Switch-Rocker, (On)-Off-(On) |
| 4    | 104-9007    | 1    | Switch-Rocker                |
| 5    | 130-7076    | 1    | Decal - Console, Upper       |
| 7    | 117-0777-03 | 1    | Panel-Arm                    |
| 8    | 108-7605    | 1    | Cover-RH                     |
| 9    | 32144-112   | 10   | Screw-HWH                    |
| 10   | 1-513374    | 1    | Meter-Hour                   |
| 11   | 108-7616    | 1    | Panel-Access                 |
| 12   | 3234-1      | 2    | Screw-HHF                    |
| 13   | 110-8912    | 1    | Seal-Foam                    |
| 14   | 104-8301    | 2    | Nut-HF, NI                   |
| 15   | 108-7604    | 1    | Cover-LH                     |
| 16   | 95-8999     | 1    | Switch-Rocker, On-None-On    |
| 17   | 3296-2      | 3    | Nut-Lock, NI                 |

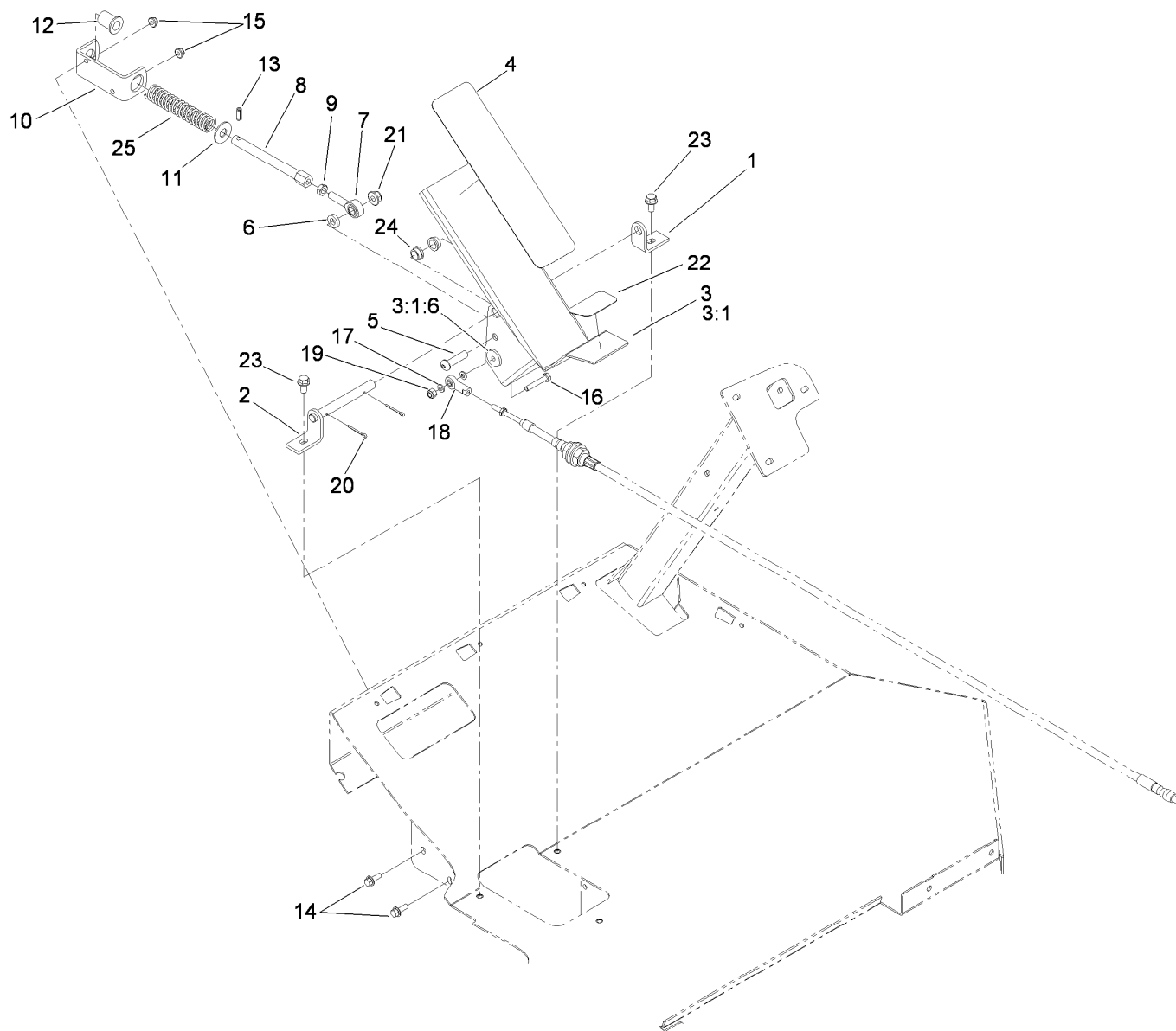
| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 18   | 99-7416     | 1    | Cap                    |
| 19   | 99-7411     | 1    | Point-Power            |
| 20   | 112-3306    | 1    | Nut                    |
| 21   | 130-7075-03 | 1    | Front Console Arm ASM  |
| 23   | 104-8300    | 2    | Nut-HF, NI             |
| 24   | 3290-321    | 2    | Screw-HWH              |
| 25   | 108-7602    | 1    | Rest-Arm               |
| 26   | 3250-22     | 1    | Screw-PPH              |
| 27   | 3234-47     | 1    | Screw-HHF              |
| 29   | 163-2995    | 1    | Display-LCD, Svc Only  |
| 29:1 | 120-4630    | 1    | Nut-Display            |
| 29:2 | 120-6311    | 1    | Decal-Display          |
| 32   | 130-7121    | 1    | Decal - Console, Lower |
| 33   | 106-6777    | 2    | Handle-Latch, Swell    |
| 34   | 106-6778    | 2    | Bushing-Latch, Swell   |
| 35   | 1-804254    | 2    | Nut-Lock, HH           |
| 36   | 122-0111    | 1    | Throttle-Electronic    |
| 36:2 | 66-0120     | 1    | Knob                   |



## Brake Pedal Assembly

| Ref. | Part Number | Qty. | Description     |
|------|-------------|------|-----------------|
| 1    | 3217-26     | 4    | Nut-Hex         |
| 2    | 3253-17     | 4    | Washer-Lock     |
| 3    | 32105-13    | 4    | Screw-HWH       |
| 4    | 110-5130    | 1    | Bellow-Switch   |
| 5    | 110-5189    | 1    | Switch-Floor    |
| 6    | 119-9364    | 1    | Cable-Brake, LH |
| 7    | 3213-1      | 1    | Screw-HH        |
| 8    | 92-0417     | 2    | Spring-EXT      |
| 9    | 3272-10     | 2    | Pin-Cotter      |
| 10   | 42719       | 1    | Pad-Pedal       |
| 11   | 3256-23     | 2    | Washer-Plain    |
| 12   | 93-6599-03  | 1    | Catch           |
| 13   | 93-6598-03  | 1    | Strap-Brake     |
| 14   | 3272-53     | 1    | Pin-Cotter      |
| 15   | 283-15      | 2    | Pin-Clevis      |
| 16   | 93-6595     | 1    | Equalizer-Brake |
| 17   | 3256-29     | 3    | Washer-Flat     |

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 18   | 323-7       | 1    | Screw-HH              |
| 19   | 104-8300    | 1    | Nut-HF, NI            |
| 20   | 7-3900      | 1    | Pad-Brake             |
| 21   | 100-8422-03 | 1    | Bracket-Pedal         |
| 22   | 104-8301    | 1    | Nut-HF, NI            |
| 23   | 93-6592-03  | 1    | Bracket               |
| 24   | 3272-12     | 3    | Pin-Cotter            |
| 25   | 94-7164     | 2    | Bearing               |
| 26   | 93-6589     | 1    | Shaft-Brake           |
| 27   | 42195       | 1    | Pin-Clevis            |
| 28   | 522087      | 1    | Rod-End               |
| 29   | 119-9365    | 1    | Cable-Brake, RH       |
| 30   | 3234-17     | 1    | Screw-HHF             |
| 31   | 1-513051    | 1    | Switch-Open, Normally |
| 32   | 283-58      | 2    | Pin-Clevis            |
| 33   | 3256-26     | 1    | Washer-Flat           |
| 34   | 130-7176    | 1    | Sleeve-Thermal, Wrap  |

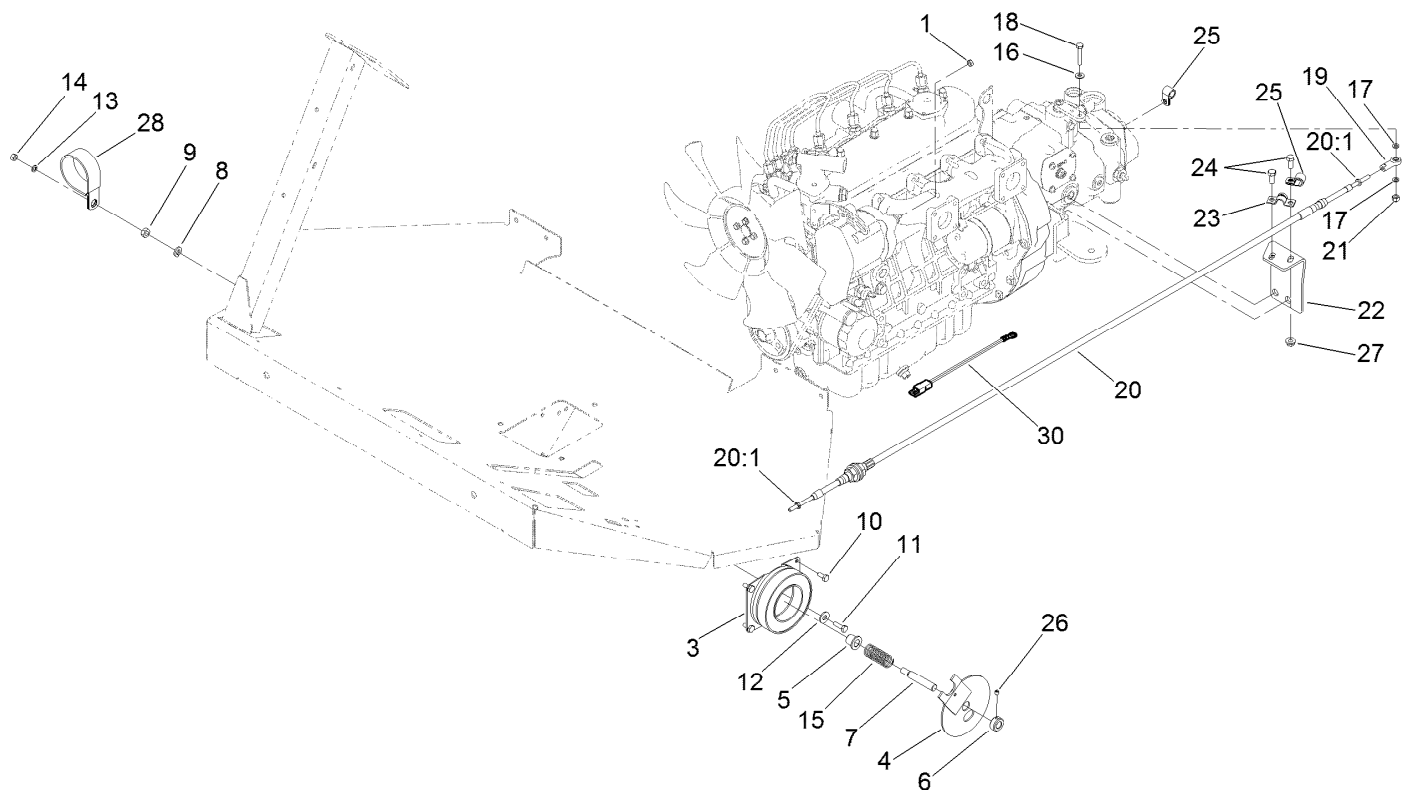


## Traction Pedal Assembly

| Ref.  | Part Number | Qty. | Description        |
|-------|-------------|------|--------------------|
| 1     | 92-0450-03  | 1    | Bracket-Pin        |
| 2     | 92-0448     | 1    | Pin-Pivot          |
| 3     | 106-5247-03 | 1    | Traction Pedal ASM |
| 3:1   |             | 1    | Pedal-Traction ●   |
| 3:1:6 | 106-5248    | 1    | Spacer             |
| 4     | 71-0440     | 1    | Abrasive-Pedal     |
| 5     | 95-3857     | 1    | Screw-HSBH         |
| 6     | 80-7730     | 1    | Spacer             |
| 7     | 2411-36     | 1    | Bearing-End, Rod   |
| 8     | 92-7609     | 1    | Shaft-Spring       |
| 9     | 3220-3      | 1    | Nut-HJ             |
| 10    | 92-7608-03  | 1    | Bracket-Spring     |
| 11    | 3256-5      | 1    | Washer-Flat        |
| 12    | 92-7610     | 1    | Retainer-Spring    |

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 13   | 32121-11    | 1    | Pin-Roll             |
| 14   | 3234-4      | 2    | Screw-HHF            |
| 15   | 104-7201    | 2    | Nut-HF, NI           |
| 16   | 321-9       | 1    | Screw-HH             |
| 17   | 33093-00    | 2    | Washer-Flat          |
| 18   | 2411-41     | 1    | Rod End-Ball Joint   |
| 19   | 3296-42     | 1    | Nut-Lock, NI         |
| 20   | 3272-7      | 2    | Pin-Cotter           |
| 21   | 104-8301    | 1    | Nut-HF, NI           |
| 22   | 71-0450     | 1    | Abrasive-Pedal, Rear |
| 23   | 3234-14     | 2    | Screw-HHF            |
| 24   | 256-156     | 2    | Bushing-Flange       |
| 25   | 84-9100     | 1    | Spring               |

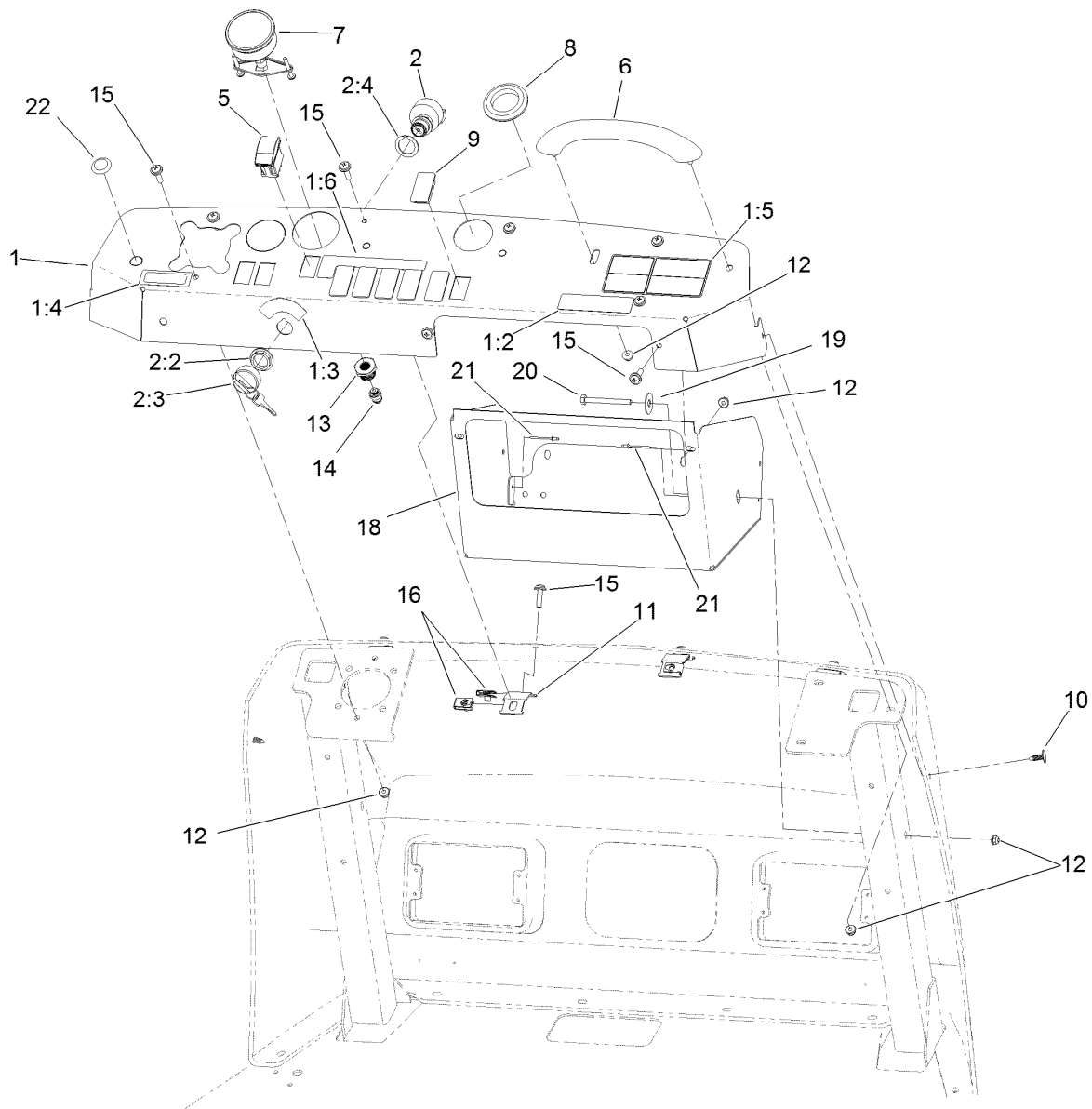
● Not serviced separately



## Throttle Assembly

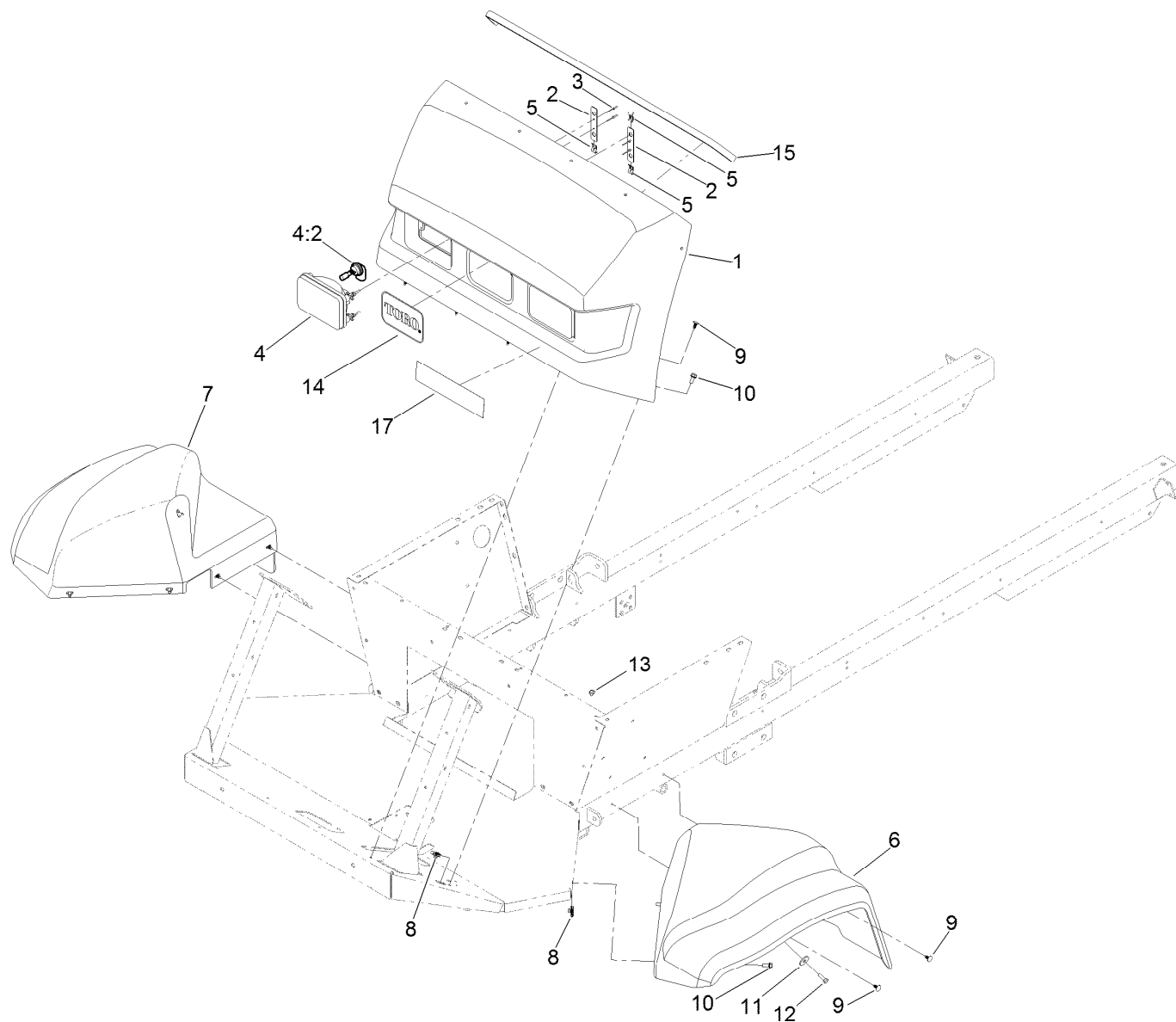
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 33013-00    | 1    | Nut-Hex            |
| 3    | 42-1720     | 1    | Core-Field, Coil   |
| 4    | 43-6110-03  | 1    | Plate-Clutch       |
| 5    | 256-273     | 1    | Bushing-Flange     |
| 6    | 43-6320     | 1    | Collar             |
| 7    | 69-9170     | 1    | Shaft-Cruise       |
| 8    | 3253-5      | 1    | Washer-Lock        |
| 9    | 3217-7      | 1    | Nut-Hex            |
| 10   | 321-3       | 3    | Screw-HH           |
| 11   | 321-5       | 1    | Screw-HH           |
| 12   | 3256-3      | 1    | Washer-Flat        |
| 13   | 3253-3      | 4    | Washer-Lock        |
| 14   | 3217-5      | 4    | Nut-Hex            |
| 15   | 43-6200     | 1    | Spring-Compression |
| 16   | 3256-22     | 1    | Washer-Flat        |

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 17   | 33093-00    | 2    | Washer-Flat                |
| 18   | 321-9       | 1    | Screw-HH                   |
| 19   | 2411-41     | 1    | Rod End-Ball Joint         |
| 20   | 106-5233    | 1    | Cable-Traction             |
| 20:1 | 3220-1      | 2    | Nut-Jam                    |
| 21   | 3296-42     | 1    | Nut-Lock, NI               |
| 22   | 119-9359    | 1    | Bracket-Cable, Rear        |
| 23   | 93-2092     | 1    | Clamp-Cable                |
| 24   | 322-3       | 2    | Screw-HH                   |
| 25   | 2412-93     | 2    | Clamp-R                    |
| 26   | 3245-32     | 1    | Screw-HSH                  |
| 27   | 32128-20    | 2    | Nut-HF                     |
| 28   | 2412-102    | 1    | Clamp-R                    |
| 30   | 108-9455    | 1    | Harness-Wire, Fusible Link |



## Dash Assembly

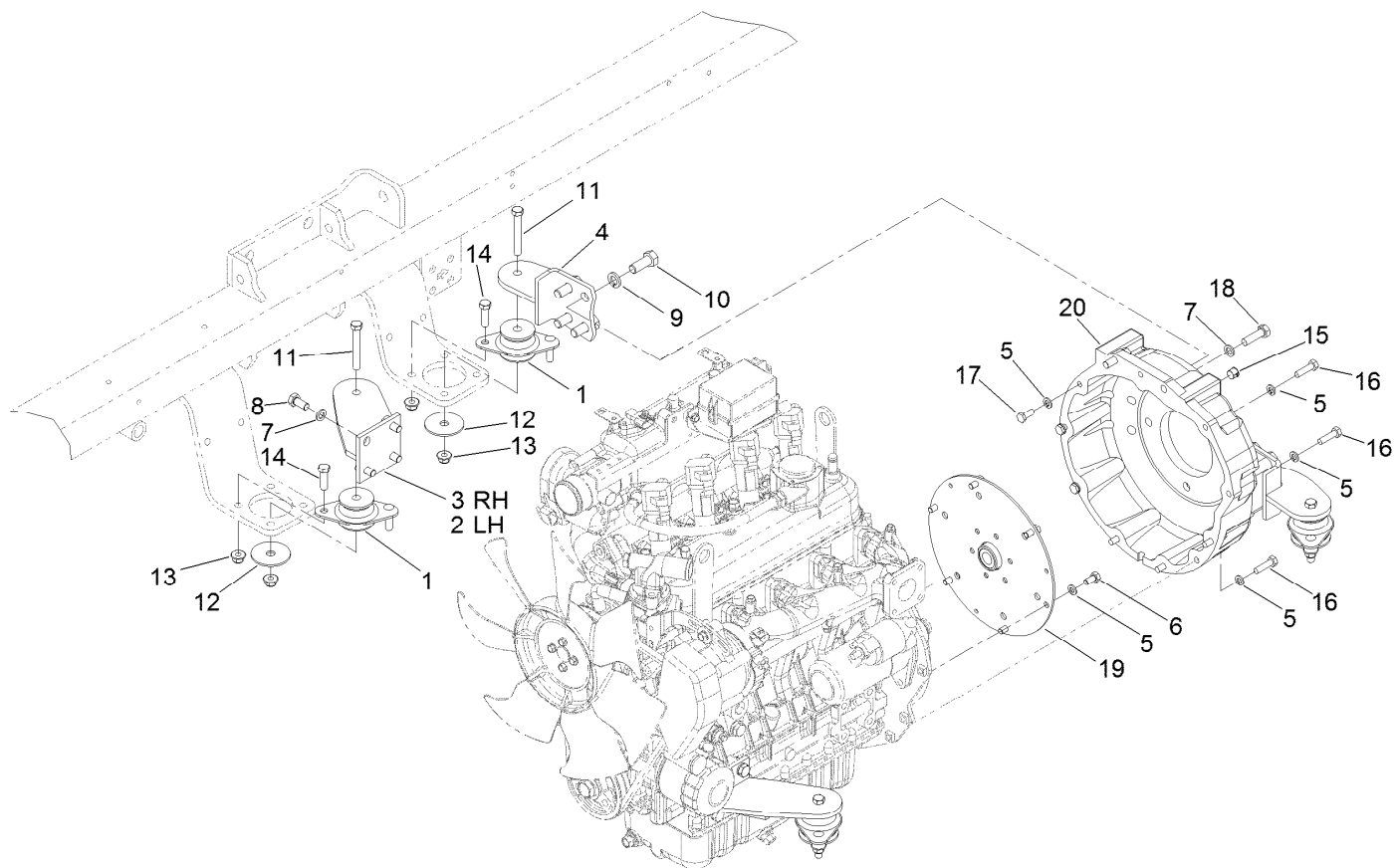
| Ref. | Part Number | Qty. | Description                       | Ref. | Part Number | Qty. | Description                  |
|------|-------------|------|-----------------------------------|------|-------------|------|------------------------------|
| 1    | 120-8529    | 1    | Dash Panel ASM                    | 8    | 40764       | 1    | Grommet                      |
| 1:1  | 117-2718    | 1    | Decal-Arrester, Spark             | 9    | 99-7420     | 8    | Plug-Hole                    |
| 1:2  | 119-6035    | 1    | Decal-Ignition Switch             | 10   | 117-2382    | 2    | Plug-Plastic                 |
| 1:3  | 107-8722    | 1    | Decal-Instructions, Parking Brake | 11   | 117-0735    | 4    | Bracket-Hood                 |
| 1:4  | 120-0624    | 1    | Decal-Warning, Passenger          | 12   | 104-7201    | 7    | Nut-HF, NI                   |
| 1:5  | 120-0759    | 1    | Decal-Switch                      | 13   | 100-8665    | 1    | Reducer-Gauge, Pressure      |
| 2    | 106-5269    | 1    | Ignition Switch ASM               | 14   | 100-8667    | 1    | Coupler-Reducer              |
| 2:1  | 108-8660    | 1    | Nut-Mounting                      | 15   | 110-9361    | 12   | Screw-PPH                    |
| 2:2  | 106-5270    | 1    | Ignition Key Set                  | 16   | 107069      | 8    | Clip                         |
| 2:3  | 108-8659    | 1    | Washer-Backup                     | 18   | 119-0431    | 1    | Compartment-Storage, Middrop |
| 5    | 100-1535    | 1    | Switch-Rocker, (On)-Off-(On)      | 19   | 52-2860     | 2    | Washer                       |
| 6    | 117-4948    | 1    | Handle-Grab                       | 20   | 321-15      | 1    | Screw-HH                     |
| 7    | 120-8546    | 1    | Gauge-Pressure                    | 21   | 3269-32     | 3    | Rivet-Pop                    |
|      |             |      |                                   | 22   | 94-7290     | 1    | Plug-Hole                    |



## Hood and Fender Assembly

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 1    | 117-0793    | 1    | Hood              |
| 2    | 117-5832    | 4    | Bracket-Headlight |
| 3    | 3290-274    | 8    | Rivet-Pop         |
| 4    | 114-8322    | 2    | Headlight ASM     |
| 4:2  | 115-2395    | 1    | Bulb-Light        |
| 5    | 115-2408    | 6    | Clip-Speed        |
| 6    | 119-0417    | 1    | Fender            |
| 7    | 119-0418    | 1    | Fender            |
| 8    | 94-2413     | 6    | Nut-U             |

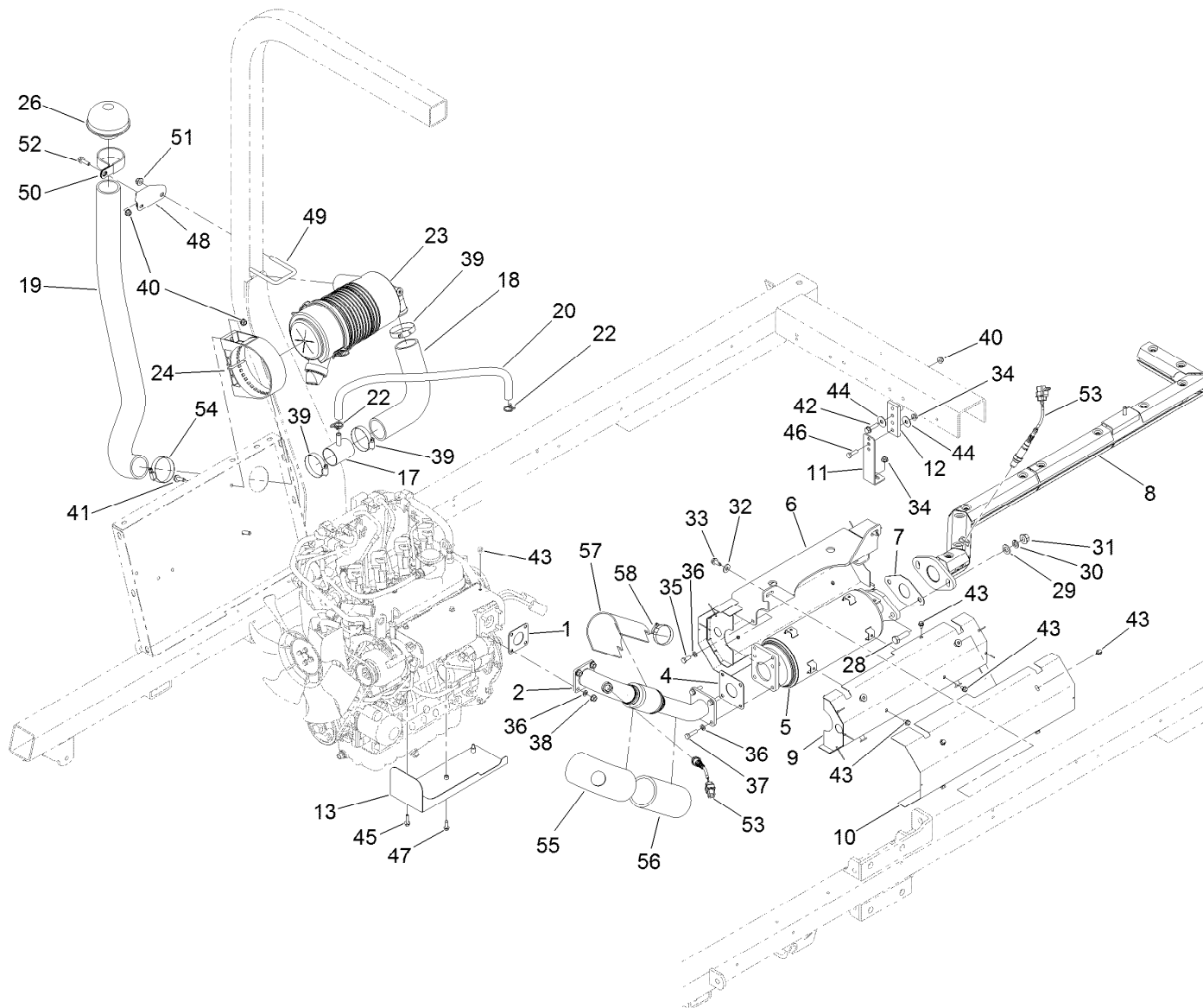
| Ref. | Part Number | Qty. | Description  |
|------|-------------|------|--------------|
| 9    | 117-2382    | 8    | Plug-Plastic |
| 10   | 3234-47     | 6    | Screw-HHF    |
| 11   | 63-8410     | 2    | Washer       |
| 12   | 322-5       | 2    | Screw-HH     |
| 13   | 32128-20    | 2    | Nut-HF       |
| 14   | 62-5550     | 1    | Decal        |
| 15   | 119-0504    | 1    | Trim-Hood    |
| 17   | 131-3309    | 1    | Decal        |



## Engine Mounting and Bell Housing Assembly

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 131-1821    | 4    | Mount-Engine        |
| 2    | 117-0667-03 | 1    | Bracket-LH          |
| 3    | 117-0666-03 | 1    | Bracket-RH          |
| 4    | 117-0669-03 | 2    | Bracket-Mount, Rear |
| 5    | 3253-4      | 15   | Washer-Lock         |
| 6    | 99-5132     | 6    | Bolt                |
| 7    | 48-9590     | 10   | Washer-Lock         |
| 8    | 63-7790     | 8    | Screw-Cap           |
| 9    | 3253-7      | 8    | Washer-Lock         |
| 10   | 325-5       | 8    | Screw-HH            |

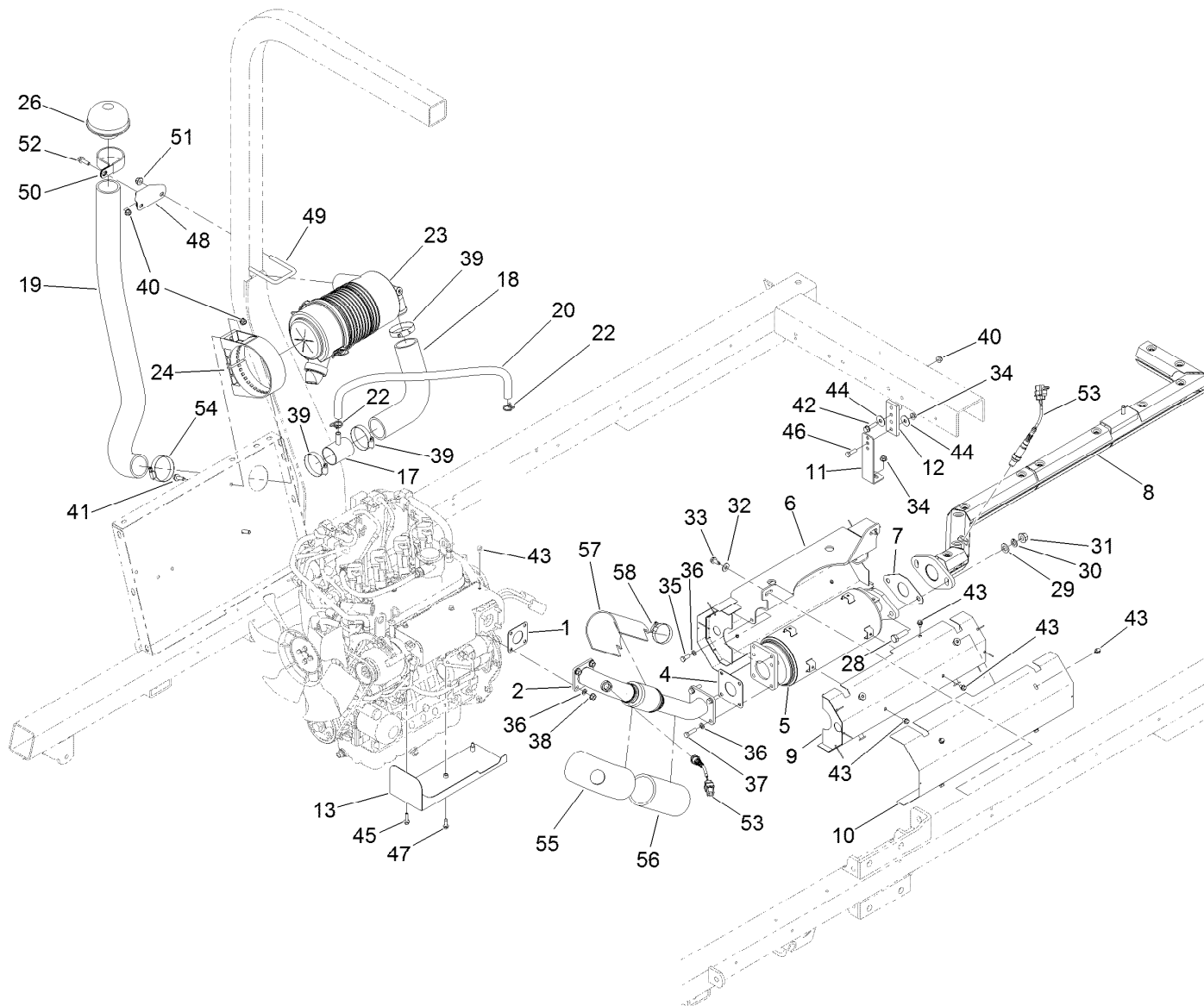
| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 11   | 323-13      | 4    | Screw-HH         |
| 12   | 87-5100     | 4    | Washer-Snubbing  |
| 13   | 104-8301    | 12   | Nut-HF, NI       |
| 14   | 323-7       | 8    | Screw-HH         |
| 15   | 119-6039    | 2    | Plug-Plastic     |
| 16   | 33114-030   | 6    | Screw-HH         |
| 17   | 33114-020   | 3    | Screw-HH         |
| 18   | 56-2140     | 2    | Screw-HH         |
| 19   | 92-0285     | 1    | Coupling ASM     |
| 20   | 105-0100    | 1    | Housing-Flywheel |



## Exhaust and Air Cleaner Assembly

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    | 99-8343     | 1    | Gasket-Muffler          |
| 2    | 131-5773    | 1    | Pipe-Header             |
| 4    | 121-5590    | 1    | Gasket-Manifold, Outlet |
| 5    | 120-3822    | 1    | Catalyst                |
| 6    | 127-8935    | 1    | Bracket-Mount, Exhaust  |
| 7    | 121-5591    | 1    | Gasket-Outlet, Catalyst |
| 8    | 130-7333    | 1    | Pipe-Tail               |
| 9    | 130-7228    | 2    | Shield-Muffler, Inner   |
| 10   | 130-7208    | 2    | Shield-Muffler, Outer   |
| 11   | 120-8557    | 1    | Bracket-Hanger          |
| 12   | 117-0744    | 1    | Hanger-Muffler          |
| 13   | 130-7206    | 1    | Shield-Manifold, Bottom |
| 17   | 120-5552    | 1    | Vent                    |
| 18   | 130-7098    | 1    | Hose-Intake             |
| 19   | 131-3322    | 1    | Hose-Air Cleaner        |
| 20   | 131-5841    | 1    | Hose-Overflow           |
| 22   | 117-1193    | 2    | Clamp-Hose              |
| 23   | 106-5277    | 1    | Air Cleaner ASM         |
| 24   | 98-4525     | 1    | Bracket-Cleaner, Air    |
| 26   | 27-7180     | 1    | Cap                     |
| 28   | 33116-040   | 2    | Screw-HH                |

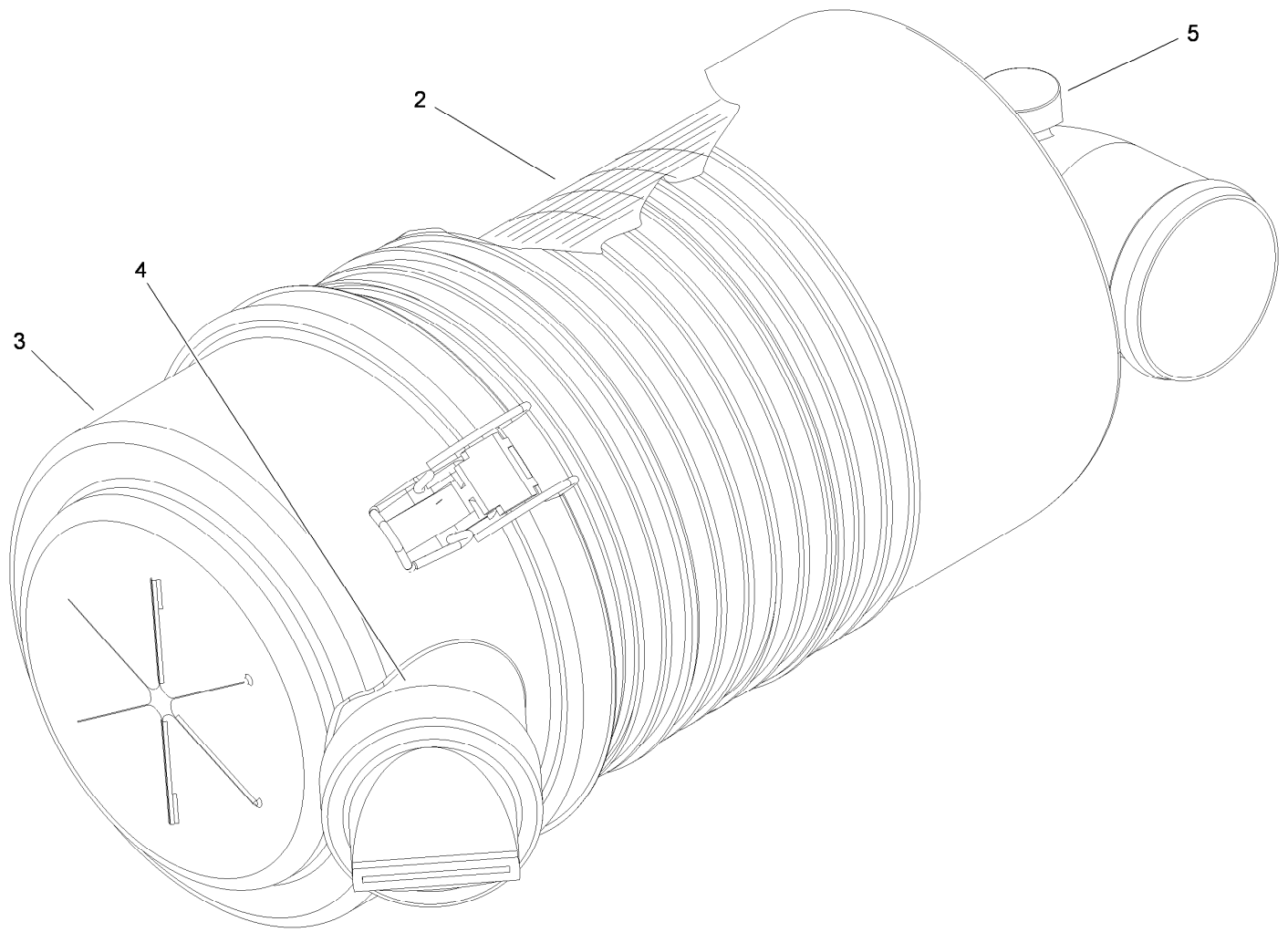
| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 29   | 33096-00    | 2    | Washer-Flat               |
| 30   | 48-8070     | 2    | Washer-Lock               |
| 31   | 33006-00    | 2    | Nut-HF                    |
| 32   | 3256-3      | 2    | Washer-Flat               |
| 33   | 32104-32    | 2    | Screw-HWH                 |
| 34   | 32128-25    | 2    | Nut-HF                    |
| 35   | 33114-020   | 4    | Screw-HH                  |
| 36   | 3253-4      | 12   | Washer-Lock               |
| 37   | 33114-030   | 4    | Screw-HH                  |
| 38   | 33004-00    | 8    | Nut-HF                    |
| 39   | 2412-130    | 3    | Clamp-Hose                |
| 40   | 104-8300    | 4    | Nut-HF, NI                |
| 41   | 3234-17     | 2    | Screw-HHF                 |
| 42   | 119-4036    | 1    | Screw-HHF                 |
| 43   | 81-1280     | 16   | Screw-HHF                 |
| 44   | 52-2860     | 2    | Washer                    |
| 45   | 33103-025   | 2    | Screw-HHF                 |
| 46   | 322-5       | 1    | Screw-HH                  |
| 47   | 110-3986    | 1    | Screw                     |
| 48   | 131-3319-03 | 1    | Bracket-Mount, Air Intake |
| 49   | 47-3460     | 1    | U-Bolt                    |



## Exhaust and Air Cleaner Assembly (continued)

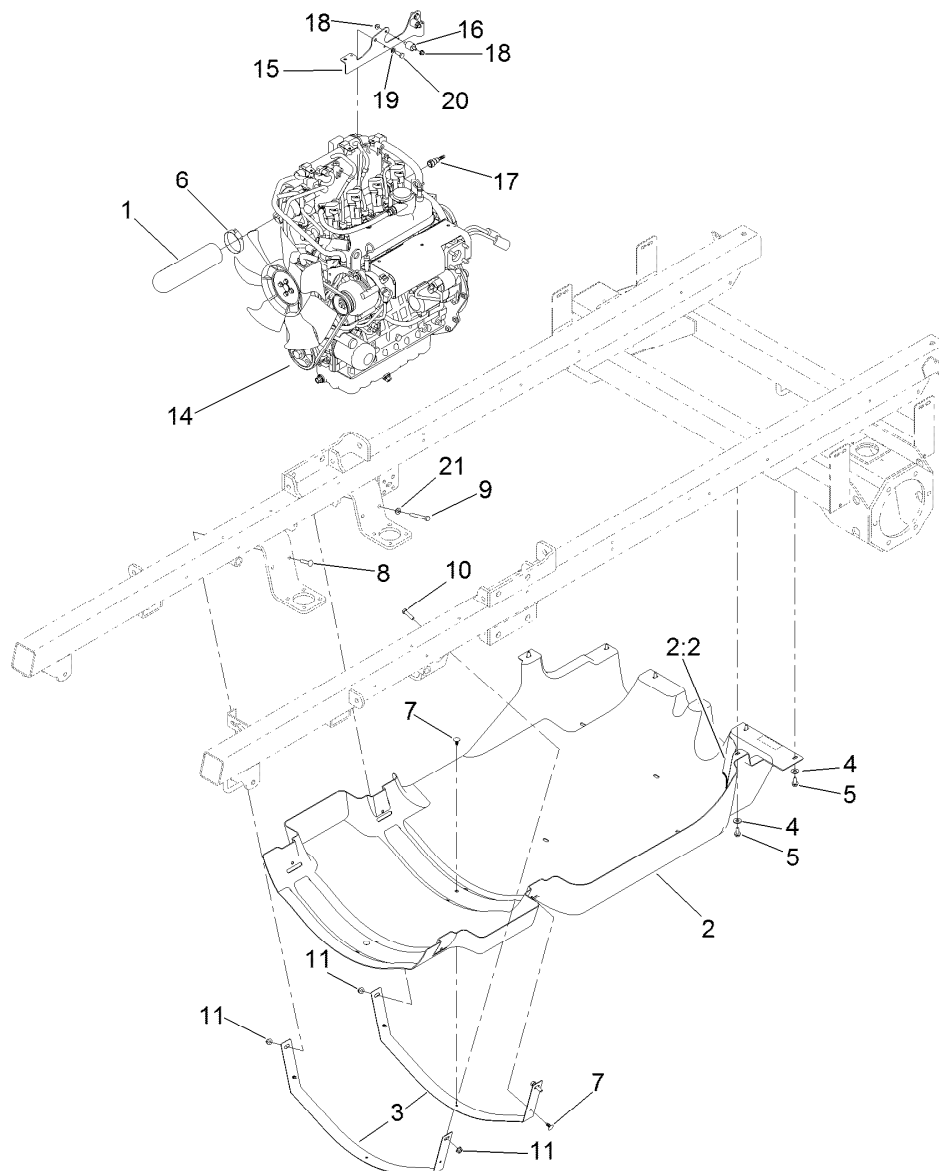
| Ref. | Part Number | Qty. | Description   |
|------|-------------|------|---------------|
| 50   | 2412-102    | 1    | Clamp-R       |
| 51   | 104-8301    | 2    | Nut-HF, NI    |
| 52   | 3234-29     | 1    | Screw-HHF     |
| 53   | 120-3832    | 2    | Sensor-Oxygen |
| 54   | 2412-125    | 2    | Clamp-Hose    |

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 55   | 131-9600    | 1    | Jacket-Upper, Header |
| 56   | 131-9601    | 1    | Jacket-Lower, Header |
| 57   | 131-9598    | 1    | Shield-Composite     |
| 58   | 131-9613    | 1    | Clamp-Band/Screw     |



## Air Cleaner Assembly No. 106-5277

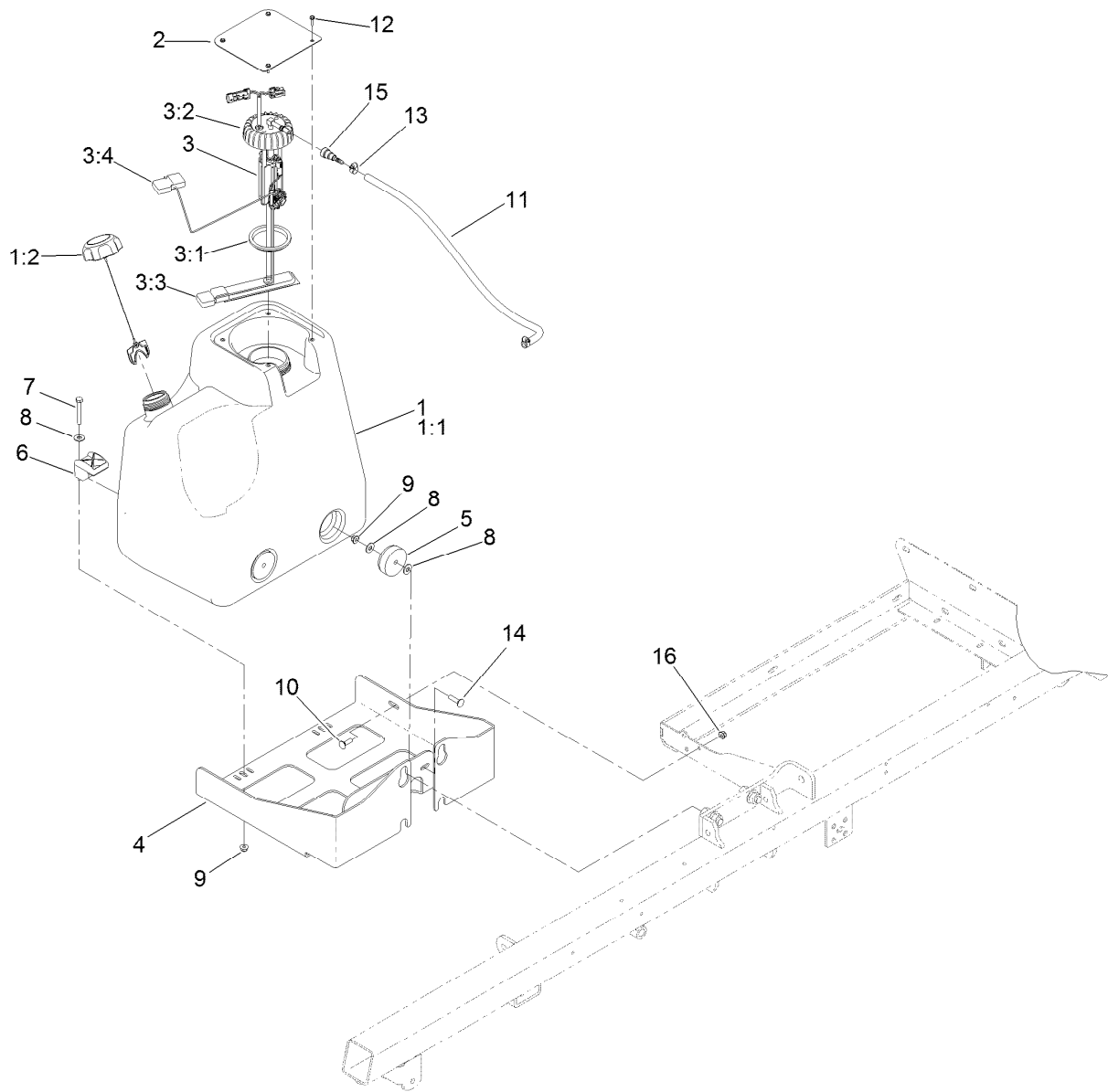
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 2           | 108-3810           | 1           | Filter-Air         |
| 3           | 98-9771            | 1           | Cover ASM          |
| 4           | 87-9400            | 1           | Valve-Vacuator     |
| 5           | 285-17             | 1           | Plug-Pipe          |



## Engine and Shroud Assembly

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 1    | 120-3841    | 1    | Hose-Cleaner, Air        |
| 2    | 131-5834    | 1    | Undercarriage Shroud ASM |
| 2:2  | 131-5833    | 1    | Shield-Outlet, Muffler   |
| 3    | 119-9399-03 | 2    | Strap-Shield, Heat       |
| 4    | 3256-3      | 7    | Washer-Flat              |
| 5    | 32104-32    | 7    | Screw-HWH                |
| 6    | 2412-130    | 1    | Clamp-Hose               |
| 7    | 117-2382    | 6    | Plug-Plastic             |
| 8    | 33-5790     | 1    | Bolt-CARR                |
| 9    | 322-12      | 1    | Screw-HH                 |

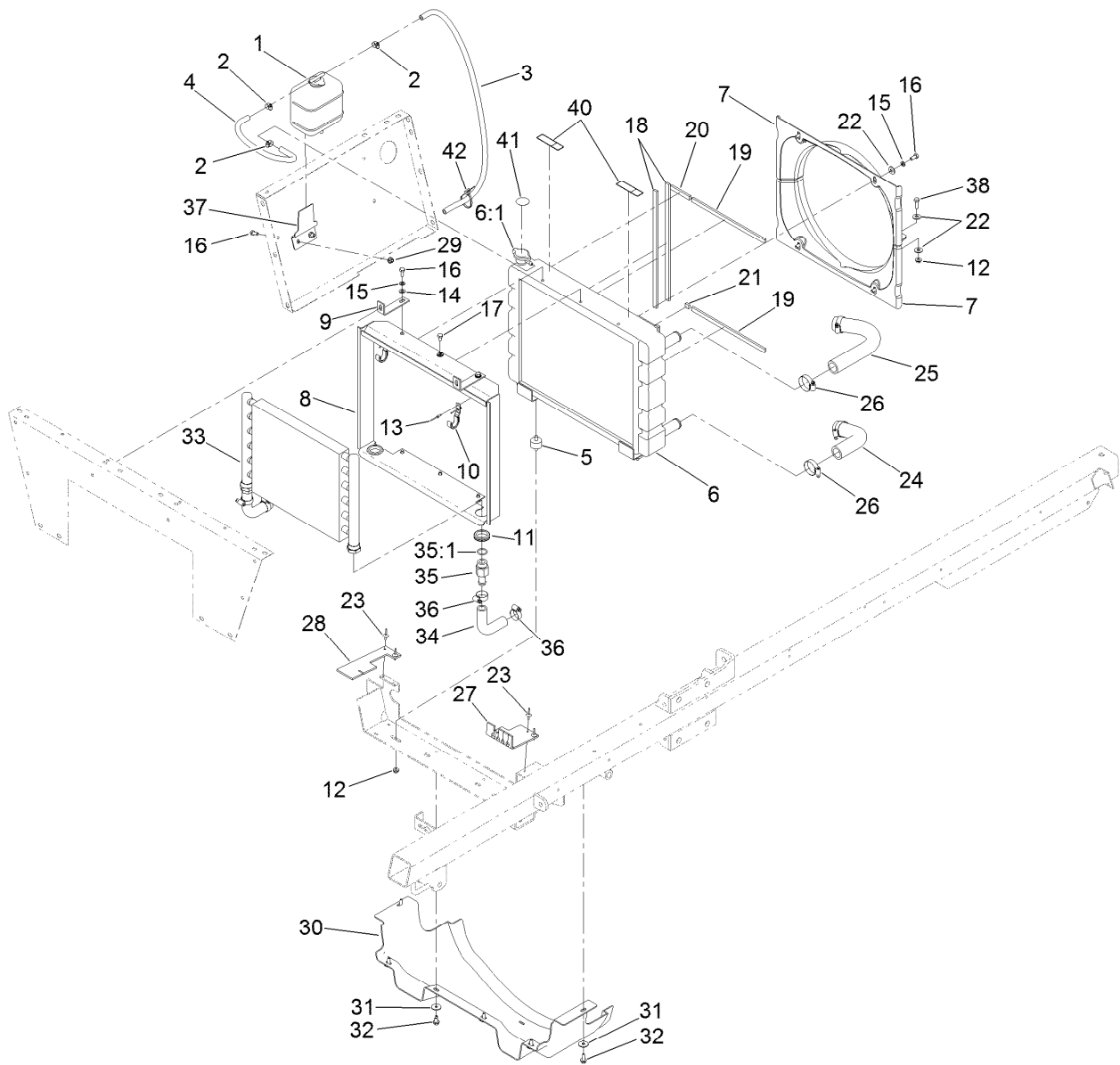
| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 10   | 322-6       | 2    | Screw-HH                   |
| 11   | 104-8300    | 4    | Nut-HF, NI                 |
| 14   | 127-9790    | 1    | Engine-Kubota, Wg1605      |
| 15   | 130-7171-03 | 1    | Bracket-Fuse Block, Engine |
| 16   | 130-7174    | 2    | Mount-Isolation            |
| 17   | 125-2921    | 1    | Fitting-Fuel               |
| 18   | 104-7201    | 4    | Nut-HF, NI                 |
| 19   | 3253-4      | 2    | Washer-Lock                |
| 20   | 33114-020   | 2    | Screw-HH                   |
| 21   | 3256-23     | 1    | Washer-Plain               |



## Fuel Tank Assembly

| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 1    | 130-7105    | 1    | Fuel Tank ASM             |
| 1:1  | 125-5872    | 1    | Tank-Fuel                 |
| 1:2  | 131-3315    | 1    | Cap-Fuel, Controlled Vent |
| 2    | 127-8971-03 | 1    | Cover-Tank, Fuel          |
| 3    | 121-5641    | 1    | Pump-Fuel                 |
| 3:1  | 115-2163    | 1    | Gasket-Pump, Fuel         |
| 3:2  | 115-2162    | 1    | Cap-Pump, Fuel            |
| 3:3  | 125-2902    | 1    | Filter-Fuel               |
| 3:4  | 120-4812    | 1    | Float                     |
| 4    | 131-9550-03 | 1    | Bracket-Tank, Fuel Tank   |
| 5    | 108-1605    | 2    | Bumper-Recess             |

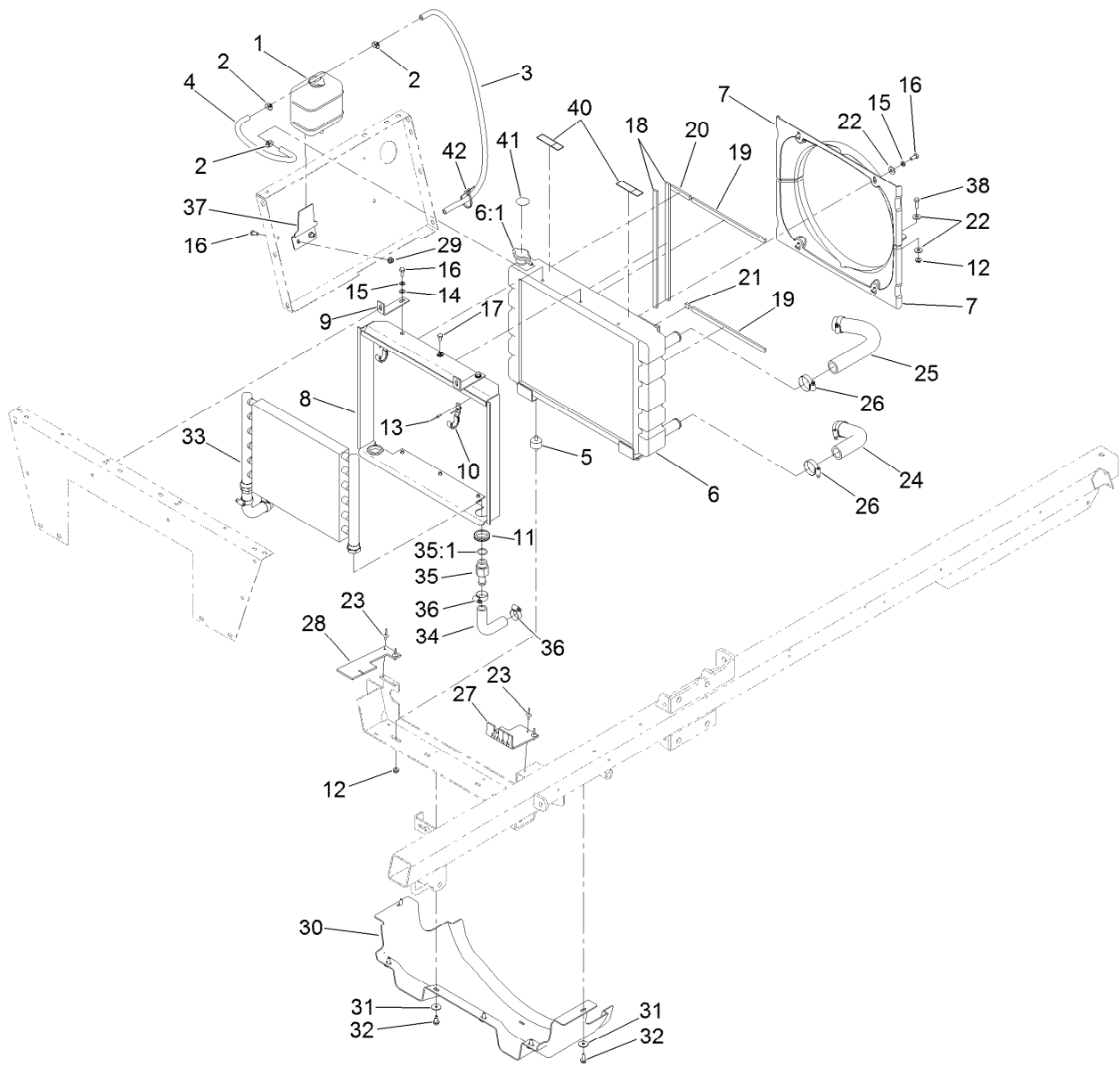
| Ref. | Part Number | Qty. | Description  |
|------|-------------|------|--------------|
| 6    | 107-4543    | 2    | Clamp        |
| 7    | 322-11      | 2    | Screw-HH     |
| 8    | 3256-3      | 6    | Washer-Flat  |
| 9    | 104-8300    | 4    | Nut-HF, NI   |
| 10   | 3230-1      | 1    | Bolt-CARR    |
| 11   | 110-6186    | 1    | Hose-Fuel    |
| 12   | 98-1375     | 4    | Screw-HWH    |
| 13   | 2412-108    | 2    | Clamp-Worm   |
| 14   | 3230-3      | 2    | Screw-CARR   |
| 15   | 125-2921    | 1    | Fitting-Fuel |
| 16   | 32128-20    | 1    | Nut-HF       |



## Radiator and Oil Cooler Assembly

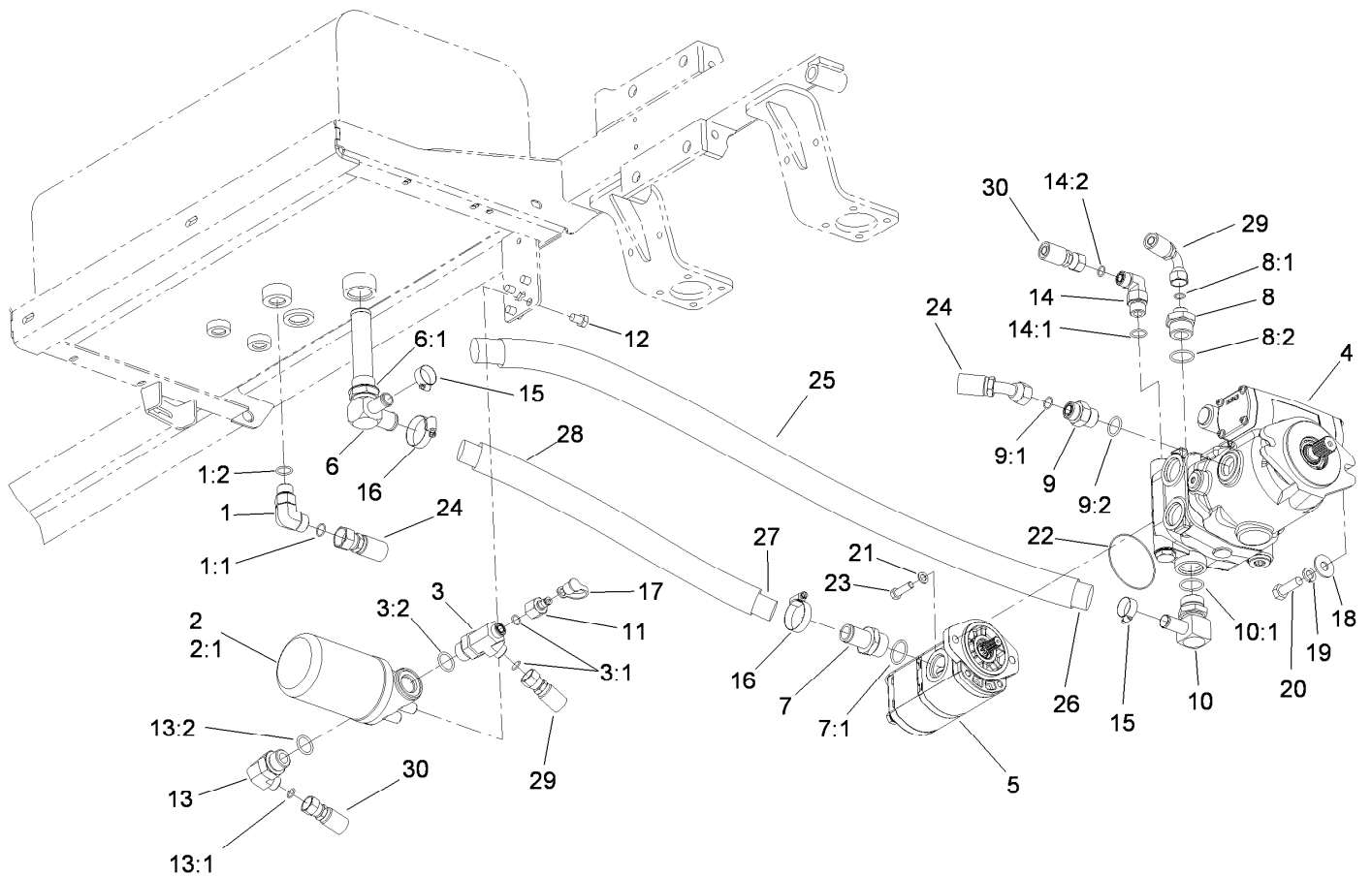
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 108-0638    | 1    | Bottle-Overflow    |
| 2    | 2412-108    | 3    | Clamp-Worm         |
| 3    | 109-0309    | 1    | Hose-Fuel          |
| 4    | 106-1126    | 1    | Hose-Fuel          |
| 5    | 62-5480     | 2    | Isolater-Seat      |
| 6    | 106-5291    | 1    | Radiator           |
| 6:1  | 114-9593    | 1    | Cap-Radiator       |
| 7    | 131-5779    | 2    | Shroud-Fan         |
| 8    | 106-5180-03 | 1    | Shroud-Radiator    |
| 9    | 106-5185    | 2    | Brace-Radiator     |
| 10   | 75-0930     | 2    | Hook-Mount, Cooler |
| 11   | 240-3       | 2    | Grommet-Rubber     |
| 12   | 32128-20    | 4    | Nut-HF             |
| 13   | 3269-15     | 4    | Rivet-Pop          |
| 14   | 3256-23     | 6    | Washer-Plain       |
| 15   | 3253-4      | 10   | Washer-Lock        |
| 16   | 322-3       | 8    | Screw-HH           |
| 17   | 322-1       | 4    | Screw-HH           |
| 18   | 107-8675    | 4    | Seal-Foam          |
| 19   | 107-8676    | 2    | Seal-Foam          |
| 20   | 107-8677    | 2    | Seal-Foam          |

| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 21   | 107-8678    | 2    | Seal-Foam                 |
| 22   | 3256-56     | 8    | Washer-Flat               |
| 23   | 322-5       | 2    | Screw-HH                  |
| 23   | 3269-18     | 4    | Rivet-Blind               |
| 24   | 119-4992    | 1    | Hose-Radiator             |
| 25   | 106-5239    | 1    | Hose-Radiator, Upper      |
| 26   | 2412-111    | 4    | Clamp-Hose, W/Liner       |
| 27   | 131-5756    | 1    | Baffle-Heat, LH           |
| 28   | 119-5037    | 1    | Baffle-Heat, RH           |
| 29   | 104-8300    | 2    | Nut-HF, NI                |
| 30   | 119-9393    | 1    | Shield-Front Heat, Engine |
| 31   | 3256-82     | 6    | Washer-Flat               |
| 32   | 32104-32    | 6    | Screw-HWH                 |
| 33   | 94-7007     | 1    | Cooler-Oil                |
| 34   | 125-5880    | 2    | Hose-Cooler, Oil          |
| 35   | 112-7835    | 2    | Ftg-STR, Spcl             |
| 35:1 | 237-81      | 1    | O-Ring                    |
| 36   | 2412-129    | 4    | Clamp-Hose                |
| 37   | 130-7102-03 | 1    | Bracket-Reservoir         |
| 38   | 322-5       | 2    | Screw-HH                  |
| 40   | 120-0627    | 2    | Decal-Warning             |



## Radiator and Oil Cooler Assembly (continued)

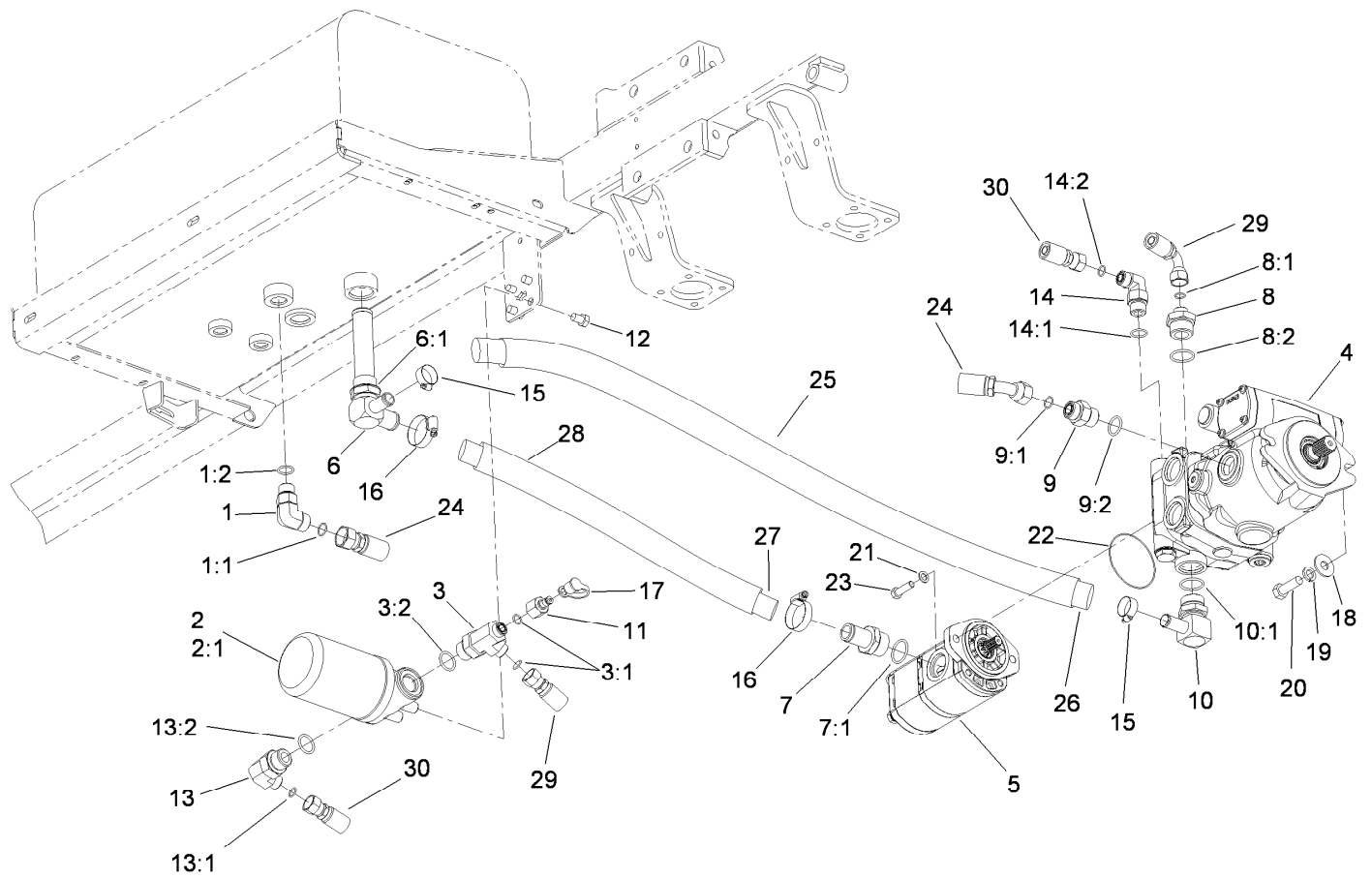
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 41   | 106-6755    | 1    | Decal-Cap, Radiator |
| 42   | 3290-378    | 1    | Tie-Cable           |



## Hydraulic Pump and Filter Assembly

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 340-17      | 1    | Fitting-Elbow, 90 DEG |
| 1:1  | 237-65      | 1    | O-Ring                |
| 1:2  | 237-80      | 1    | O-Ring                |
| 2    | 93-2242     | 1    | Oil Filter ASM        |
| 2:1  | 75-1310     | 1    | Filter-HYD            |
| 3    | 117-0676    | 1    | Fitting-Tee           |
| 3:1  | 237-30      | 2    | O-Ring                |
| 3:2  | 237-81      | 1    | O-Ring                |
| 4    | 117-0685    | 1    | Piston Pump ASM       |
| 5    | 119-5038    | 1    | Tandem Pump ASM       |
| 6    | 117-0684    | 1    | Strainer-Tee          |
| 6:1  | 237-146     | 1    | O-Ring                |
| 7    | 354-78      | 1    | Fitting-STR           |
| 7:1  | 237-146     | 1    | O-Ring                |
| 8    | 104-9178    | 1    | Fitting-STR           |
| 8:1  | 237-30      | 1    | O-Ring                |
| 8:2  | 237-146     | 1    | O-Ring                |
| 9    | 340-8       | 1    | Fitting-Straight      |
| 9:1  | 237-65      | 1    | O-Ring                |
| 9:2  | 237-81      | 1    | O-Ring                |
| 10   | 98-0971     | 1    | Fitting-Elbow, 90     |

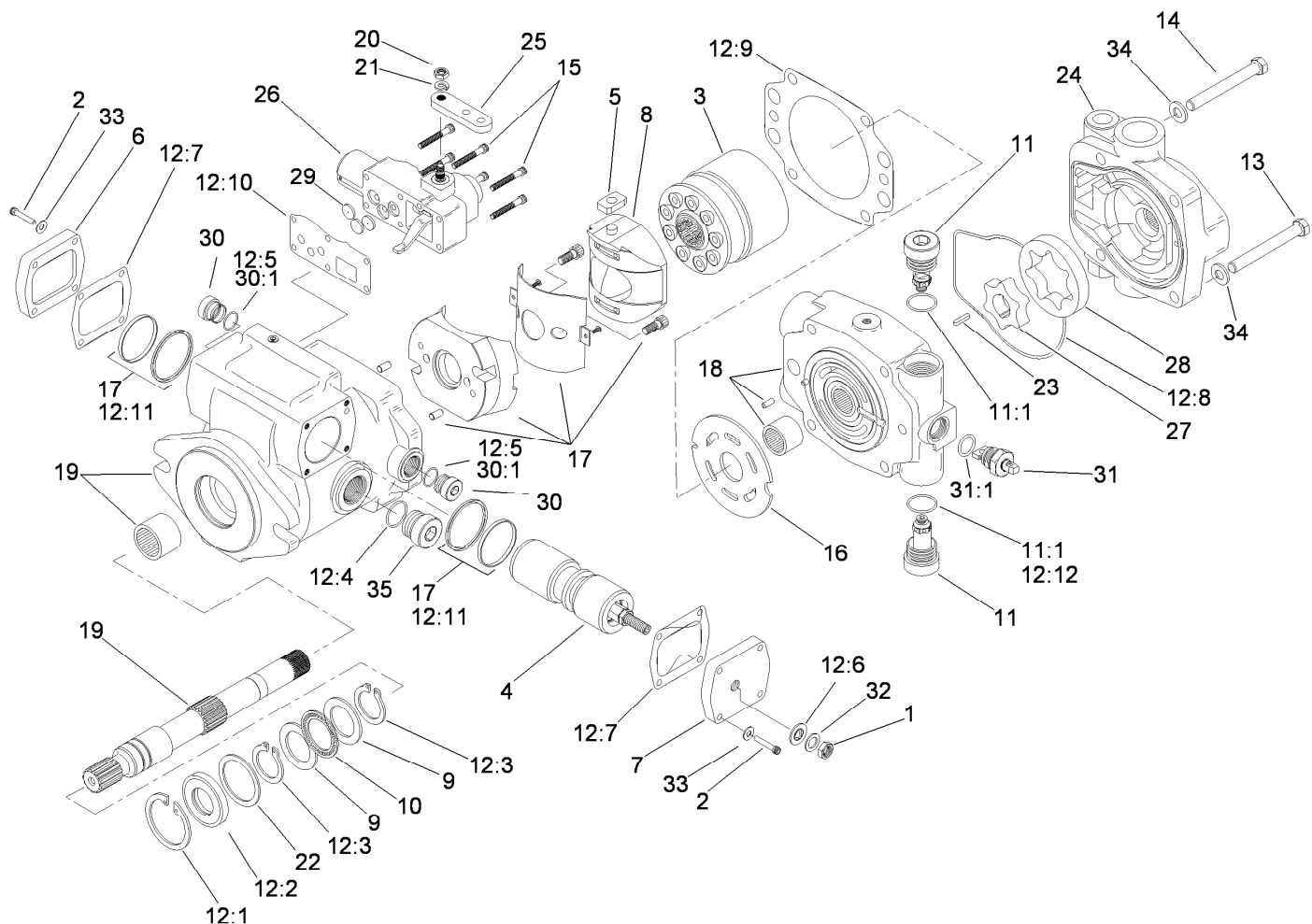
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 10:1 | 237-117     | 1    | O-Ring                |
| 11   | 100-5616    | 1    | Fitting               |
| 12   | 33115-016   | 4    | Screw-HH              |
| 13   | 340-131     | 1    | Fitting-HYD, 90 DEG   |
| 13:1 | 237-30      | 1    | O-Ring                |
| 13:2 | 237-81      | 1    | O-Ring                |
| 14   | 340-105     | 1    | Fitting-Elbow, 90 DEG |
| 14:1 | 237-80      | 1    | O-Ring                |
| 14:2 | 237-30      | 1    | O-Ring                |
| 15   | 2412-129    | 2    | Clamp-Hose            |
| 16   | 2412-111    | 2    | Clamp-Hose, W/Liner   |
| 17   | 354-79      | 1    | Cap-Dust              |
| 18   | 3256-6      | 2    | Washer-Flat           |
| 19   | 3253-7      | 2    | Washer-Lock           |
| 20   | 325-6       | 2    | Screw-HH              |
| 21   | 60-3540     | 2    | Washer                |
| 22   | 60-3520     | 1    | O-Ring                |
| 23   | 3274-1      | 2    | Screw-HSH             |
| 24   | 112-2561    | 1    | Hose-HYD              |
| 25   | 94-3688     | 1    | Sleeve-Protective     |
| 26   | 119-5045    | 1    | Hose-Suction          |



## Hydraulic Pump and Filter Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------|
| 27   | 117-0681    | 1    | Hose ASM    |
| 28   | 107-3589    | 1    | Sleeve-Hose |

| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------|
| 29   | 117-0686    | 1    | Hose-HYD    |
| 30   | 117-0729    | 1    | Hose ASM    |



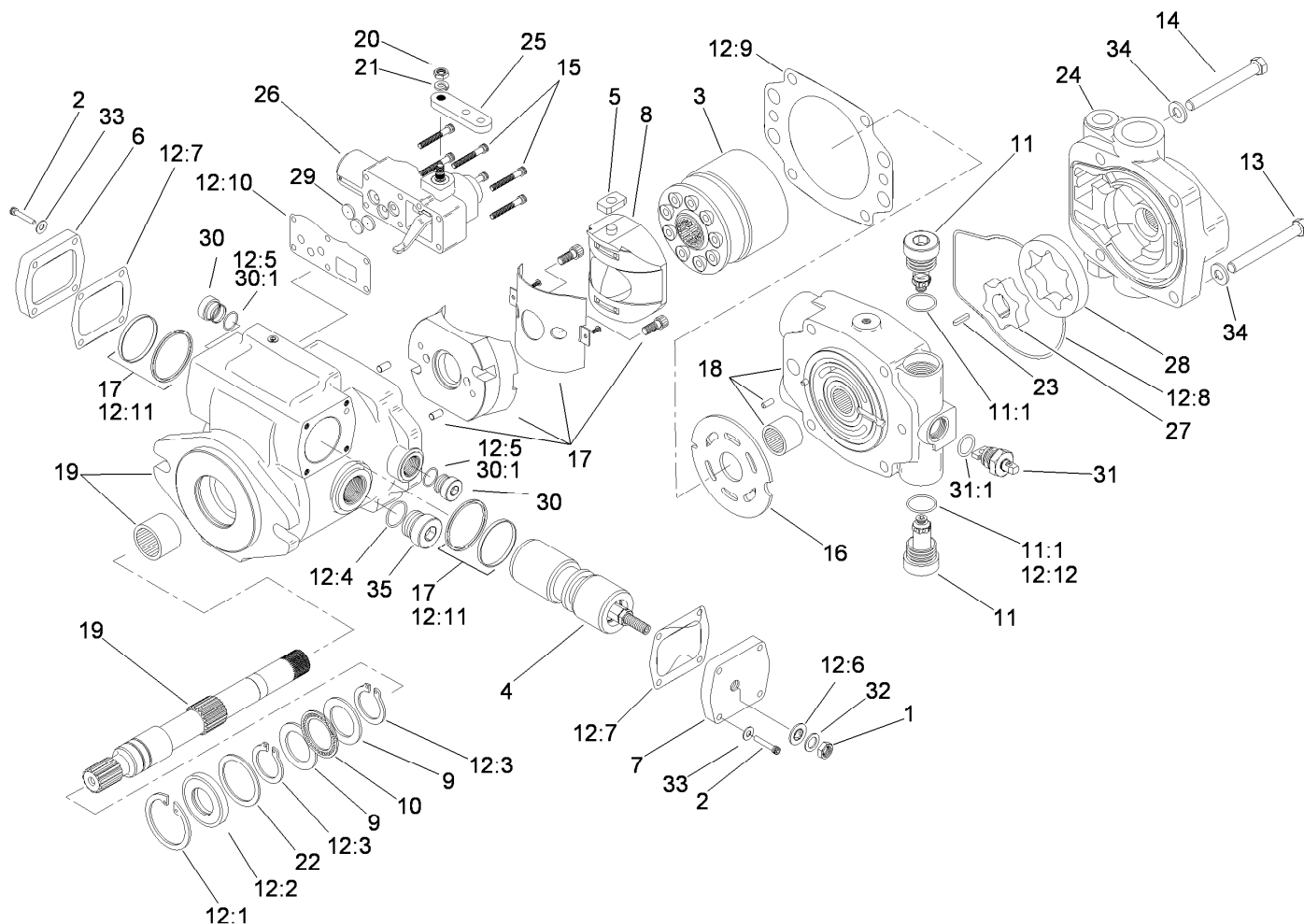
## Piston Pump Assembly No. 117-0685

| Ref. | Part Number | Qty. | Description     |
|------|-------------|------|-----------------|
| 1    | 3220-3      | 1    | Nut-HJ          |
| 2    | 93-6337     | 8    | Screw           |
| 3    | 99-8701     | 1    | Rotating Kit    |
| 4    | 105-2856    | 1    | Piston-Servo    |
| 5    | 94-3032     | 1    | Follower-Piston |
| 6    | 94-3033     | 1    | Plate-Cover     |
| 7    | 105-9853    | 1    | Plate-Cover     |
| 8    | 94-3026     | 1    | Camplate ASM    |
| 9    | 76-6950     | 2    | Race-Thrust     |
| 10   | 76-6960     | 1    | Bearing-Thrust  |
| 11   | 105-2858    | 2    | Valve-Relief    |
| 11:1 |             | 1    | O-Ring ■        |
| 12   | 107-1561    | 1    | Seal Kit ●      |
| 12:1 | 60-6260     | 1    | Ring            |
| 12:2 | 105-3331    | 1    | Seal-Shaft      |
| 12:3 | 76-7000     | 2    | Ring-Retaining  |
| 12:4 |             | 2    | O-Ring ■        |
| 12:5 | 93-6314     | 2    | O-Ring ●        |

| Ref.  | Part Number | Qty. | Description             |
|-------|-------------|------|-------------------------|
| 12:6  | 94-3027     | 1    | Washer-Seal             |
| 12:7  | 93-6339     | 2    | Gasket                  |
| 12:8  | 105-2905    | 1    | O-Ring ●                |
| 12:9  | 105-2900    | 1    | Gasket-Housing          |
| 12:10 | 105-2901    | 1    | Gasket-Housing, Control |
| 12:11 |             | 2    | Seal ASM ■              |
| 12:12 | 74-9380     | 1    | O-Ring ●                |
| 13    | 323-15      | 2    | Screw-HH                |
| 14    | 323-16      | 2    | Screw-HH                |
| 15    | 93-6324     | 6    | Screw                   |
| 16    | 99-8704     | 1    | Plate-Valve             |
| 17    |             | 1    | Housing ■               |
| 18    | 105-2904    | 1    | Backplate               |
| 19    | 93-6344     | 1    | Driveshaft              |
| 20    | 3217-5      | 1    | Nut-Hex                 |
| 21    | 3253-3      | 1    | Washer-Lock             |
| 22    | 60-6240     | 1    | Washer                  |
| 23    | 93-6375     | 1    | Key                     |

● Not illustrated

■ Not serviced separately



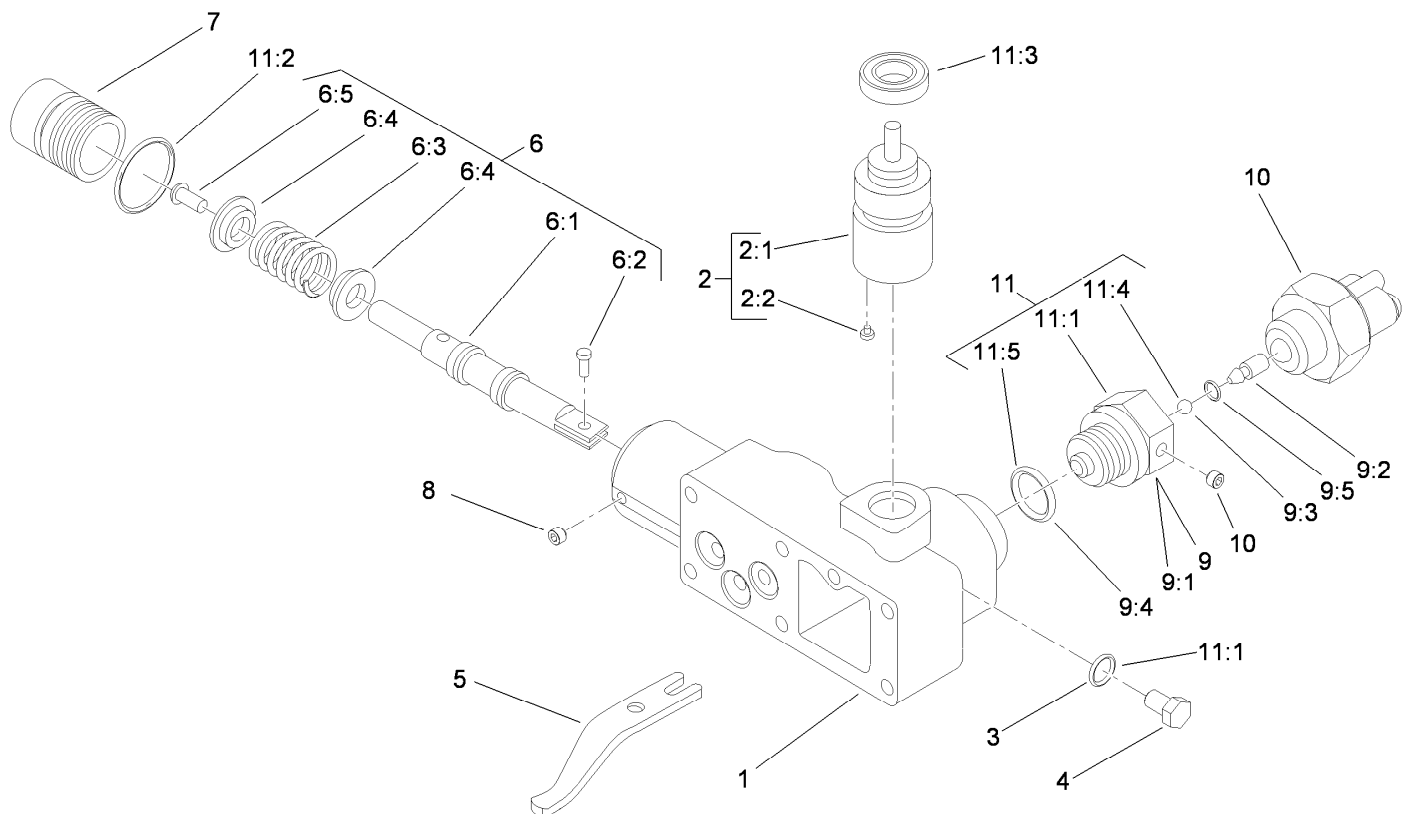
## Piston Pump Assembly No. 117-0685 (continued)

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 24   | 95-2110     | 1    | Adaptor                    |
| 25   | 105-2862    | 1    | Arm-Control                |
| 26   | 115-4446    | 1    | Control-Servo, Manual      |
| 27   | 93-6365     | 1    | Geroter-Inner              |
| 28   | 93-6364     | 1    | Geroter-Outer              |
| 29   | 94-3041     | 3    | Orifice-Control (.028 DIA) |
| 30   | 74-9280     | 2    | Plug ASM                   |

| Ref. | Part Number | Qty. | Description  |
|------|-------------|------|--------------|
| 30:1 |             | 1    | O-Ring ■     |
| 31   | 105-2913    | 1    | Valve-Bypass |
| 31:1 |             | 1    | O-Ring ■     |
| 32   | 94-3030     | 1    | Washer       |
| 33   | 93-6336     | 8    | Washer       |
| 34   | 3256-24     | 4    | Washer-Plain |
| 35   |             | 1    | Plug ■       |

● Not illustrated

■ Not serviced separately

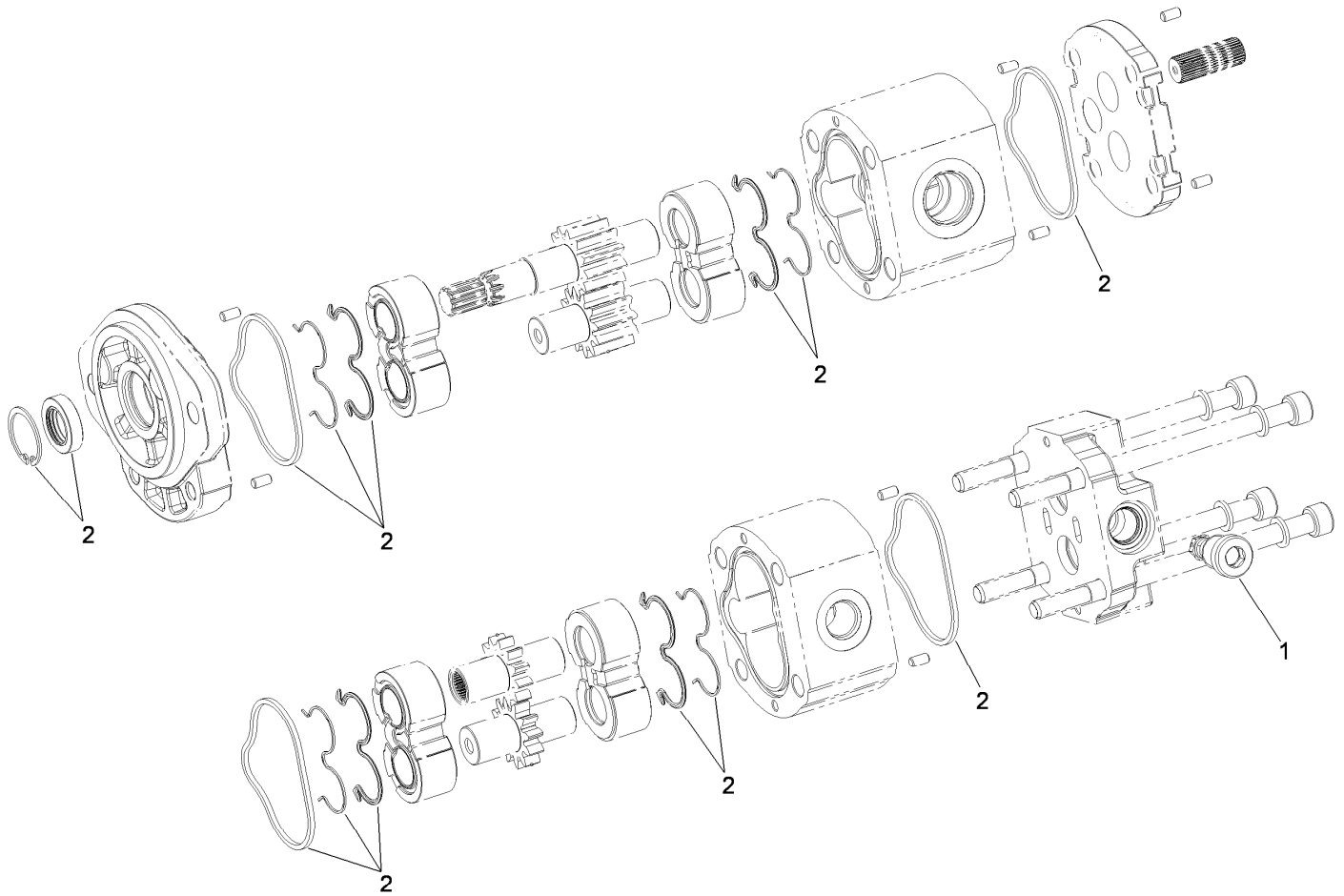


## Control Assembly No. 115-4446

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    |             | 1    | Housing-Control ●       |
| 2    | 108-7099    | 1    | Input Control Shaft ASM |
| 2:1  |             | 1    | Shaft ●                 |
| 2:2  |             | 1    | Pin ●                   |
| 3    |             | 1    | O-Ring ●                |
| 4    |             | 1    | Plug ●                  |
| 5    |             | 1    | Link-Feedback ●         |
| 6    | 108-7098    | 1    | Valve Spool ASM         |
| 6:1  |             | 1    | Valve-Spool ●           |
| 6:2  |             | 1    | Pin-Dowel ●             |
| 6:3  |             | 1    | Spring ●                |
| 6:4  |             | 2    | Retainer ●              |
| 6:5  |             | 1    | Screw ●                 |
| 7    |             | 1    | Plug ●                  |

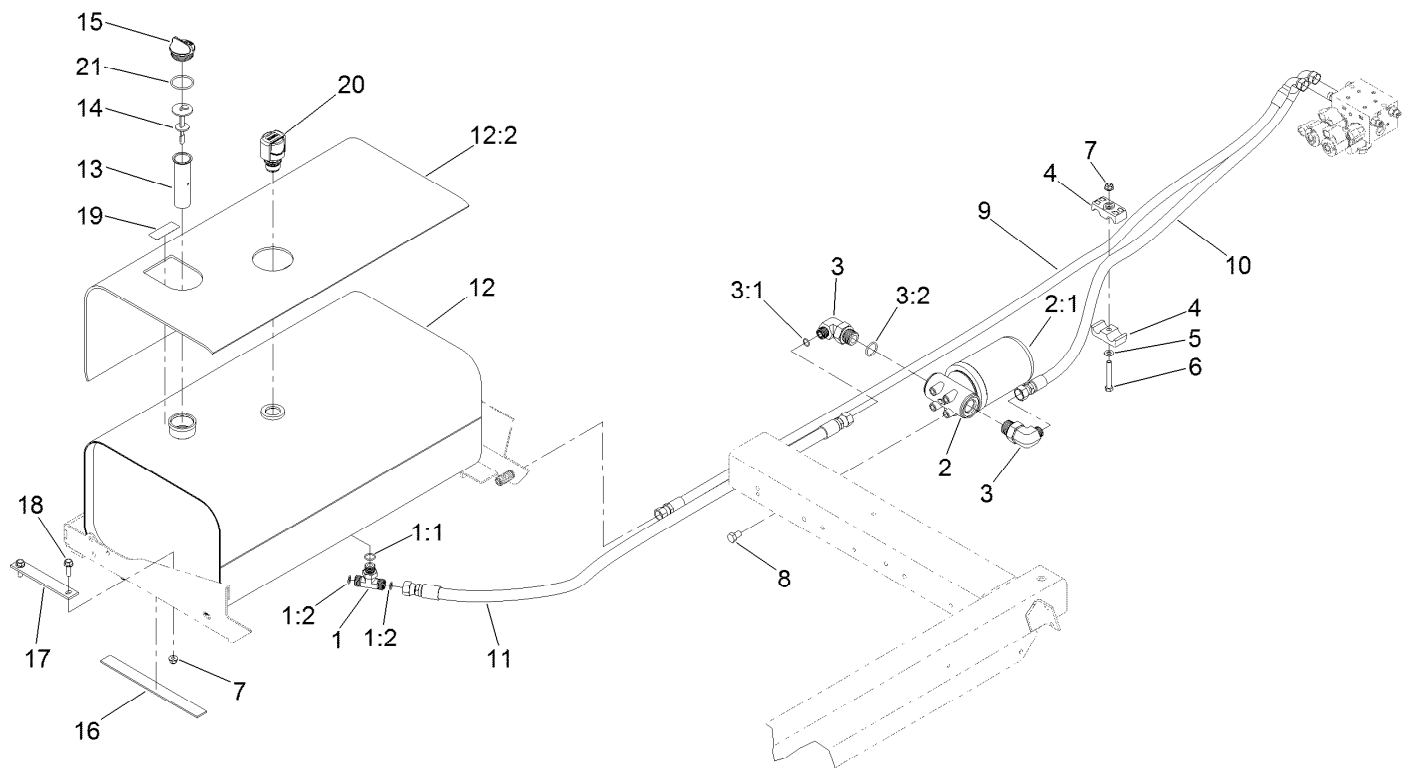
| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 8    |             | 2    | Screw-Set ●                |
| 9    | 108-8003    | 1    | Adaptor ASM                |
| 9:1  |             | 1    | Adaptor-Lockout, Neutral ● |
| 9:2  |             | 1    | Pin ●                      |
| 9:3  |             | 1    | Ball ●                     |
| 9:4  |             | 1    | O-Ring ●                   |
| 9:5  |             | 1    | O-Ring ●                   |
| 10   | 115-3795    | 1    | Switch-Neutral             |
| 11   | 94-3044     | 1    | Seal Kit                   |
| 11:1 | 117-8979    | 1    | Seal-Shaft                 |
| 11:2 | 105-2901    | 1    | Gasket-Housing, Control    |
| 11:3 |             | 1    | O-Ring ●                   |
| 11:4 |             | 1    | O-Ring ●                   |
| 11:5 |             | 1    | Seal-Wiper ●               |

● Not serviced separately



## Tandem Pump Assembly No. 119-5038

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 120-5156           | 1           | Valve-Relief       |
| 2           | 120-5155           | 1           | Seal Kit           |

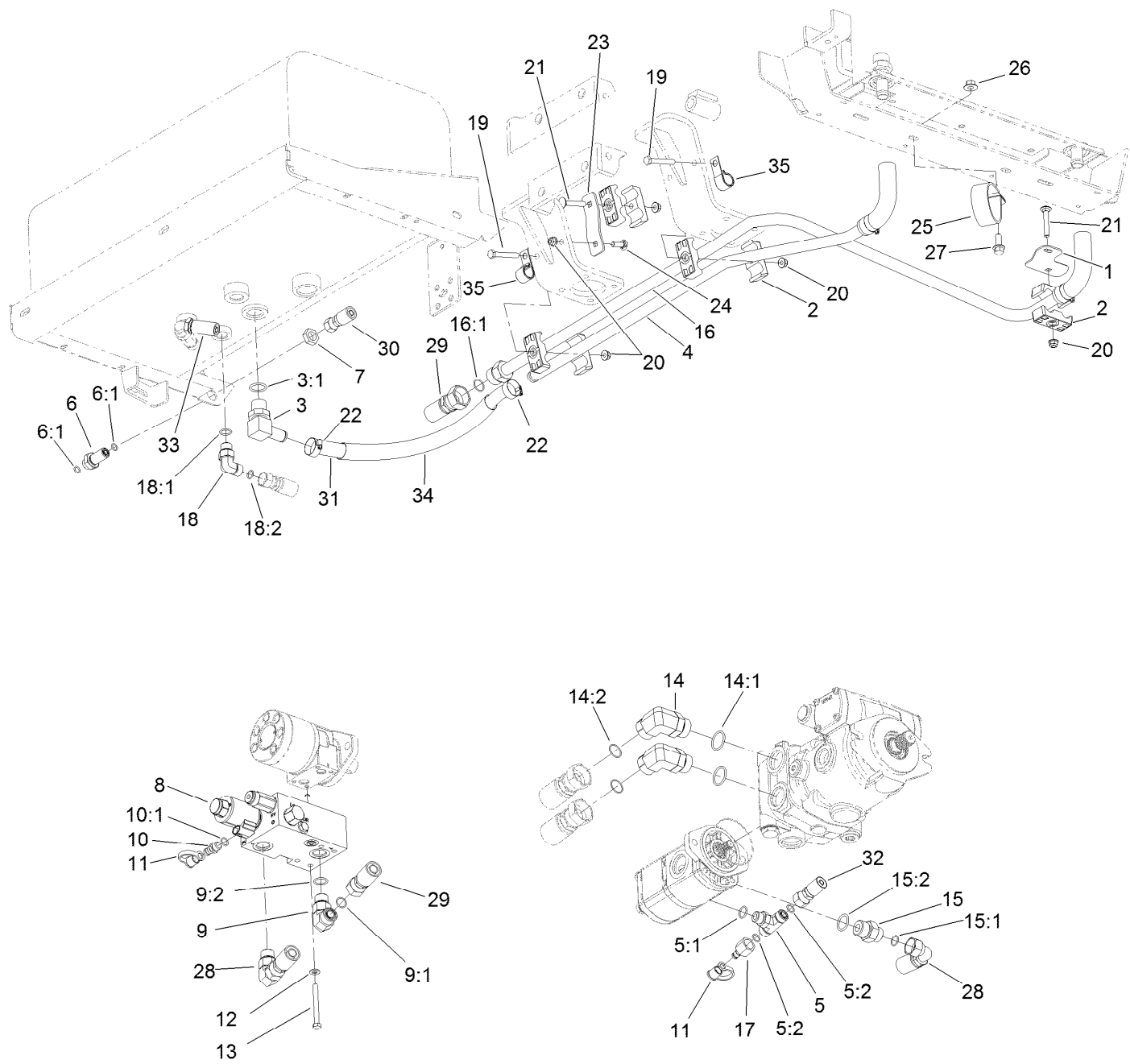


## Hydraulic Tank Assembly

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 340-157     | 1    | Fitting-HYD, Tee    |
| 1:1  | 237-79      | 1    | O-Ring              |
| 1:2  | 237-30      | 2    | O-Ring              |
| 2    | 93-2242     | 1    | Oil Filter ASM      |
| 2:1  | 75-1310     | 1    | Filter-HYD          |
| 3    | 340-131     | 2    | Fitting-HYD, 90 DEG |
| 3:1  | 237-30      | 1    | O-Ring              |
| 3:2  | 237-81      | 1    | O-Ring              |
| 4    | 94-8105     | 2    | Clamp-Tube          |
| 5    | 3256-23     | 1    | Washer-Plain        |
| 6    | 322-11      | 1    | Screw-HH            |
| 7    | 104-8300    | 5    | Nut-HF, NI          |
| 8    | 33115-016   | 4    | Screw-HH            |
| 9    | 119-0588    | 1    | HYD Hose ASM        |

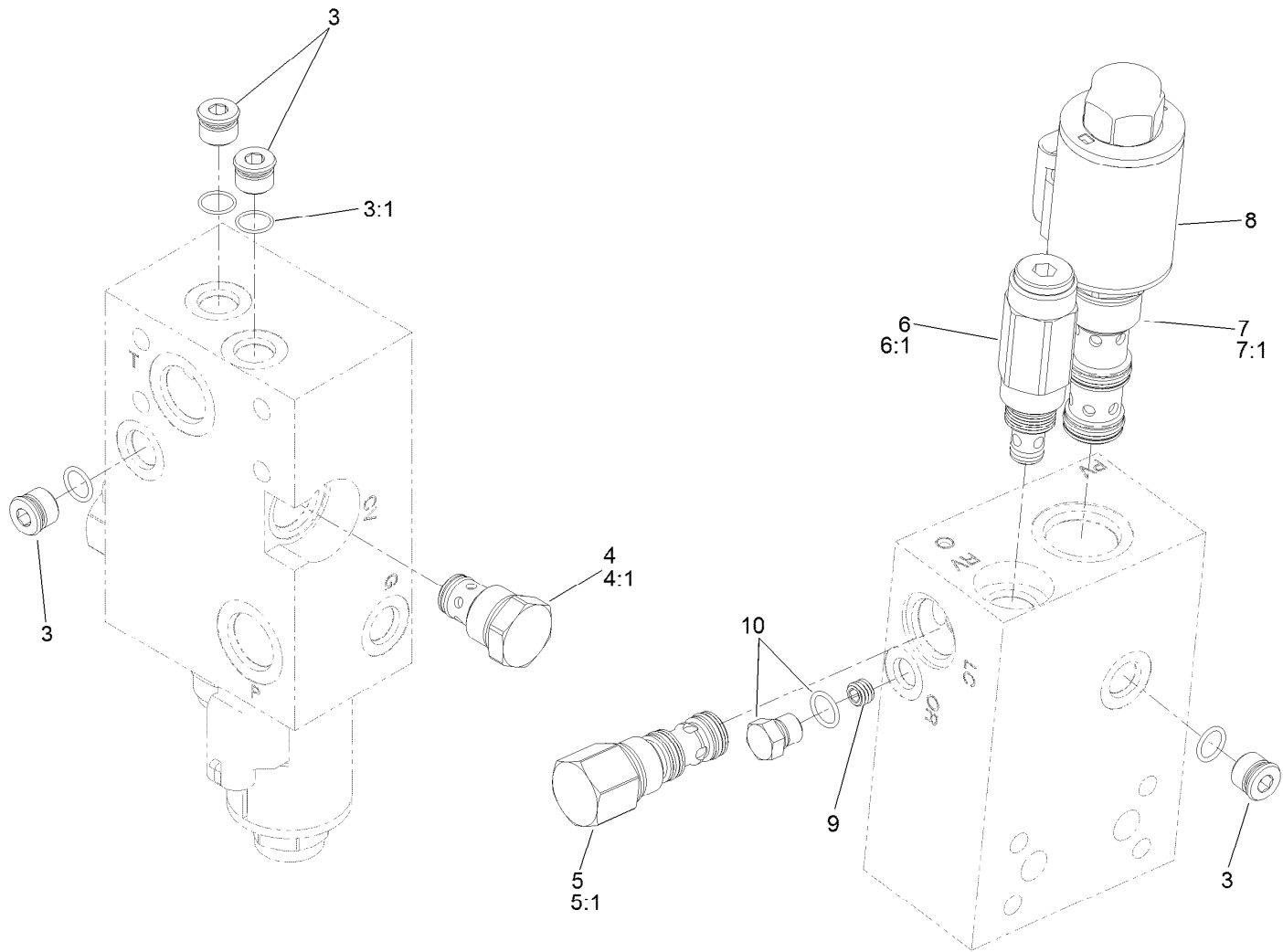
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 10   | 119-0587    | 1    | HYD Hose ASM          |
| 11   | 106-3672    | 1    | HYD Hose ASM          |
| 12   | 131-5799    | 1    | Hydraulic Tank ASM    |
| 12:2 | 131-5787    | 1    | Cover-Tank, Hydraulic |
| 13   | 92-1705     | 1    | Filter-Screen         |
| 14   | 105-2812    | 1    | Dipstick              |
| 15   | 93-7498     | 1    | Plug-Plastic          |
| 16   | 41995       | 2    | Strip-Armflex         |
| 17   | 94-7068-03  | 2    | Strap-Hold Down       |
| 18   | 3234-17     | 4    | Screw-HHF             |
| 19   | 93-6686     | 1    | Decal-Oil, HYD        |
| 20   | 115-9793    | 1    | Breather              |
| 21   | 237-101     | 1    | O-Ring                |

# Hydraulic Pump and Filter Assembly



## Hydraulic Pump and Filter Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>         | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>       |
|-------------|--------------------|-------------|----------------------------|-------------|--------------------|-------------|--------------------------|
| 1           | 117-0723           | 1           | Plate-Mount, Tube Clamp    | 15:2        | 237-81             | 1           | O-Ring                   |
| 2           | 94-8105            | 10          | Clamp-Tube                 | 16          | 125-5854           | 1           | Tube ASM                 |
| 3           | 353-987            | 1           | Fitting-Elbow, 90          | 16:1        | 237-58             | 1           | O-Ring                   |
| 3:1         | 237-81             | 1           | O-Ring                     | 17          | 100-5616           | 1           | Fitting                  |
| 4           | 117-0693           | 1           | Hydraulic Tube             | 18          | 340-98             | 1           | Fitting-Elbow, 90 DEG    |
| 5           | 340-157            | 1           | Fitting-HYD, Tee           | 18:1        | 237-79             | 1           | O-Ring                   |
| 5:1         | 237-79             | 1           | O-Ring                     | 18:2        | 237-30             | 1           | O-Ring                   |
| 5:2         | 237-30             | 2           | O-Ring                     | 19          | 322-11             | 2           | Screw-HH                 |
| 6           | 340-71             | 1           | Fitting-Straight, Bulkhead | 20          | 104-8300           | 7           | Nut-HF, NI               |
| 6:1         | 237-22             | 2           | O-Ring                     | 21          | 3230-6             | 3           | Bolt-CARR                |
| 7           | 340-70             | 1           | Nut-Lock                   | 22          | 2412-129           | 2           | Clamp-Hose               |
| 8           | 117-0708           | 1           | Pump Control Valve ASM     | 23          | 117-0689           | 2           | Plate-Mount, Tube Clamps |
| 9           | 340-17             | 2           | Fitting-Elbow, 90 DEG      | 24          | 3230-22            | 2           | Screw-CARR               |
| 9:1         | 237-65             | 1           | O-Ring                     | 25          | 2412-102           | 1           | Clamp-R                  |
| 9:2         | 237-80             | 1           | O-Ring                     | 26          | 32128-43           | 1           | Nut-Flange               |
| 10          | 59-7410            | 1           | Fitting-Diagnostic         | 27          | 3234-11            | 1           | Screw-HHF                |
| 10:1        | 237-42             | 1           | O-Ring                     | 28          | 117-0680           | 1           | Hose ASM                 |
| 11          | 354-79             | 2           | Cap-Dust                   | 29          | 117-0682           | 1           | Hose ASM                 |
| 12          | 3256-23            | 4           | Washer-Plain               | 30          | 119-0583           | 1           | Hose ASM                 |
| 13          | 322-14             | 4           | Screw-HH                   | 31          | 119-5045           | 1           | Hose-Suction             |
| 14          | 340-129            | 2           | Fitting-Elbow, 90 DEG      | 32          | 117-0687           | 1           | Hose ASM                 |
| 14:1        | 237-146            | 1           | O-Ring                     | 33          | 125-5853           | 1           | HYD-Hose                 |
| 14:2        | 340-65             | 1           | O-Ring                     | 34          | 94-3688            | 1           | Sleeve-Protective        |
| 15          | 340-8              | 1           | Fitting-Straight           | 35          | 94-9580            | 2           | Clamp-J                  |
| 15:1        | 237-65             | 1           | O-Ring                     |             |                    |             |                          |



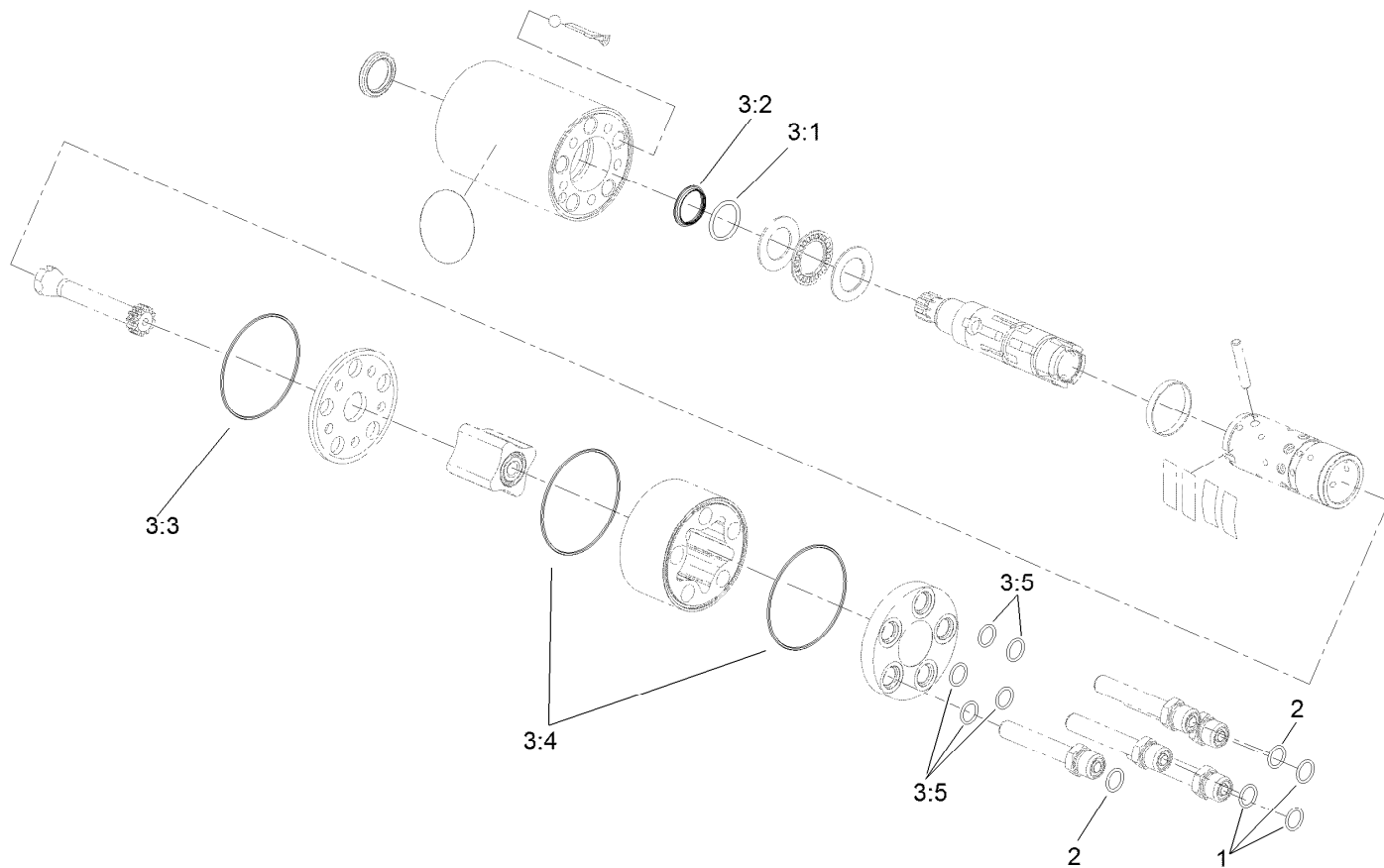
## Pump Control Valve Assembly No. 117-0708

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 3    | 353-512     | 4    | Plug                 |
| 3:1  | 237-78      | 1    | O-Ring               |
| 4    | 110-8881    | 1    | Valve-Check          |
| 4:1  | 105-9159    | 1    | Seal Kit ●           |
| 5    | 120-1660    | 1    | Compensator-Pressure |
| 5:1  | 107-7813    | 1    | Seal Kit ●           |
| 6    | 117-8312    | 1    | Valve-Relief         |
| 6:1  | 105-9156    | 1    | Seal Kit             |
| 7    | 120-2590    | 1    | Valve-Flow Control   |
| 7:1  | 114-5515    | 1    | Seal Kit             |
| 8    | 120-2589    | 1    | Coil-12Vdc           |
| 9    | 107-1987    | 1    | Orifice-0.040        |
| 10   | 117-0115    | 1    | Plug                 |

● Not illustrated



| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>    |
|-------------|--------------------|-------------|-----------------------|
| 9:1         | 237-22             | 1           | O-Ring                |
| 9:2         | 237-42             | 1           | O-Ring                |
| 10          | 117-0707           | 1           | Steering Valve ASM    |
| 11          | 33114-020          | 4           | Screw-HH              |
| 12          | 117-0717           | 1           | Hose ASM              |
| 13          | 117-0688           | 1           | Hose ASM              |
| 14          | 106-6713           | 2           | Cover-Lines, Steering |
| 15          | 3290-379           | 7           | Tie-Cable             |
| 17          | 130-8296           | 1           | Sleeve-Steering Cover |

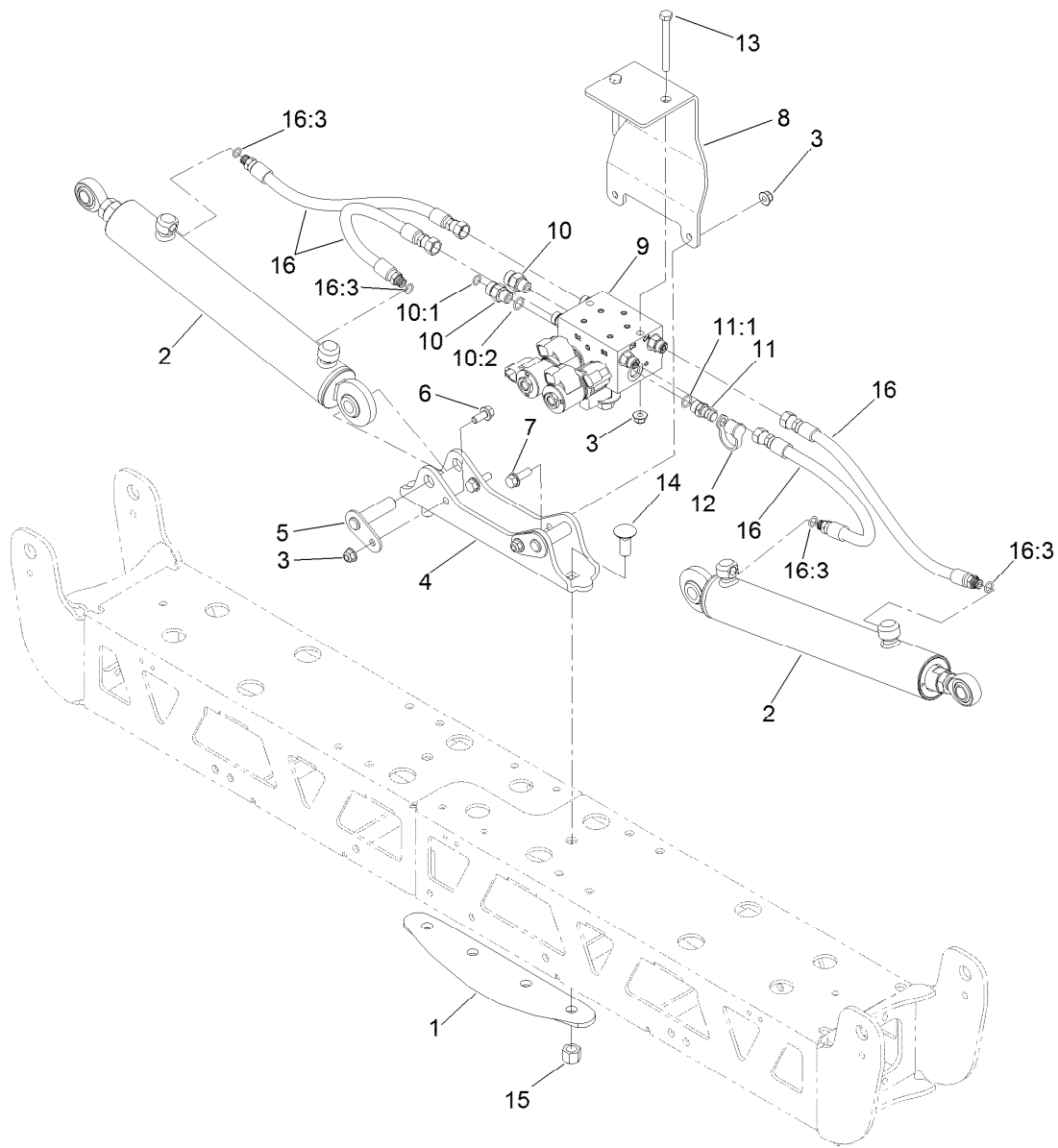


## Steering Valve Assembly No. 117-0707

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 1    | 237-21      | 3    | O-Ring            |
| 2    | 237-22      | 2    | O-Ring            |
| 3    | 106-6716    | 1    | Seal Kit ●        |
| 3:1  |             | 1    | Ring-Seal, Dust ■ |
| 3:2  |             | 1    | Seal-Shaft ■      |
| 3:3  |             | 1    | O-Ring ■          |
| 3:4  |             | 2    | O-Ring ■          |
| 3:5  |             | 5    | O-Ring ■          |

● Not illustrated

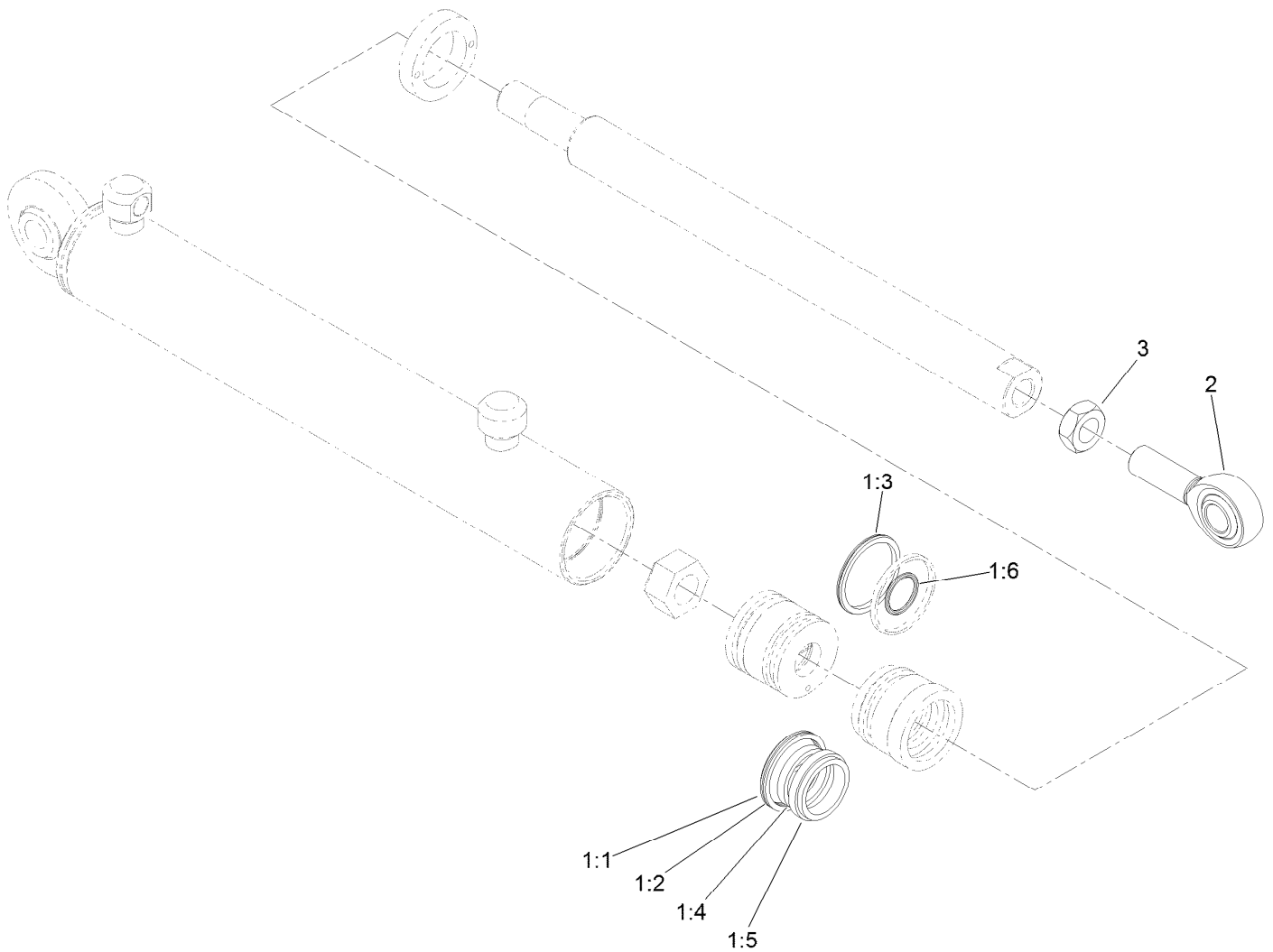
■ Not serviced separately



## Boom Lift Assembly

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    | 131-0297-03 | 1    | Plate-Stiffener, Boom      |
| 2    | 117-0701    | 2    | Hydraulic Cylinder ASM     |
| 3    | 104-8300    | 6    | Nut-HF, NI                 |
| 4    | 119-4856-03 | 1    | Plate-Mount, Cylinders     |
| 5    | 112-7884    | 2    | Pin-Pivot                  |
| 6    | 110-5053    | 2    | Screw-HHF                  |
| 7    | 3234-29     | 2    | Screw-HHF                  |
| 8    | 130-8201-03 | 1    | Mount-Valve                |
| 9    | 117-0702    | 1    | On-Off Boom Lift Valve ASM |
| 10   | 340-2       | 2    | Fitting-Straight           |

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 10:1 | 237-22      | 1    | O-Ring             |
| 10:2 | 237-42      | 1    | O-Ring             |
| 11   | 59-7410     | 1    | Fitting-Diagnostic |
| 11:1 | 237-42      | 1    | O-Ring             |
| 12   | 354-79      | 1    | Cap-Dust           |
| 13   | 322-14      | 2    | Screw-HH           |
| 14   | 110-5067    | 2    | Screw-CARR         |
| 15   | 99-5107     | 2    | Nut-Lock           |
| 16   | 119-4859    | 4    | Hose ASM           |
| 16:3 | 237-78      | 1    | O-Ring             |

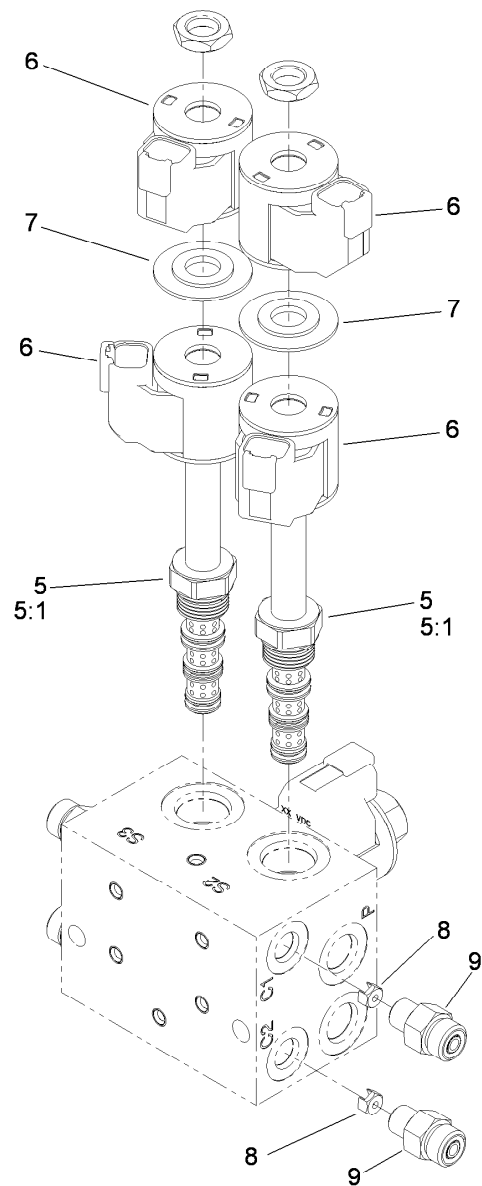
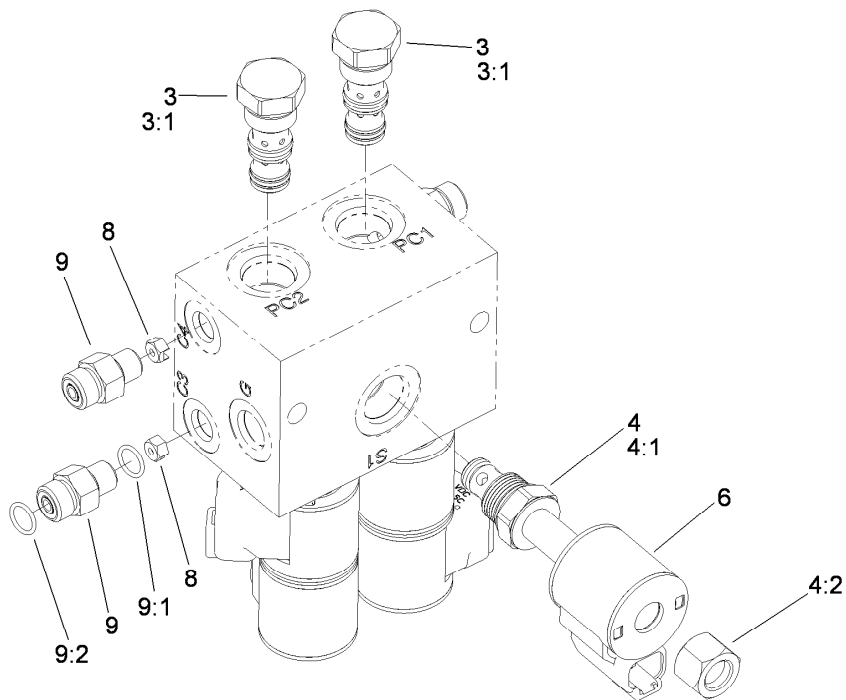


## Hydraulic Cylinder Assembly No. 117-0701

| Ref. | Part Number | Qty. | Description   |
|------|-------------|------|---------------|
| 1    | 119-8026    | 1    | Seal Kit ●    |
| 1:1  |             | 1    | O-Ring ■      |
| 1:2  |             | 1    | Ring-Backup ■ |
| 1:3  |             | 1    | Bp Seal ■     |
| 1:4  |             | 1    | Bs Seal ■     |
| 1:5  |             | 1    | Dust Seal ■   |
| 1:6  |             | 1    | O-Ring ■      |
| 2    | 119-8027    | 1    | Rod End       |
| 3    | 3220-6      | 1    | Nut-Jam       |

● Not illustrated

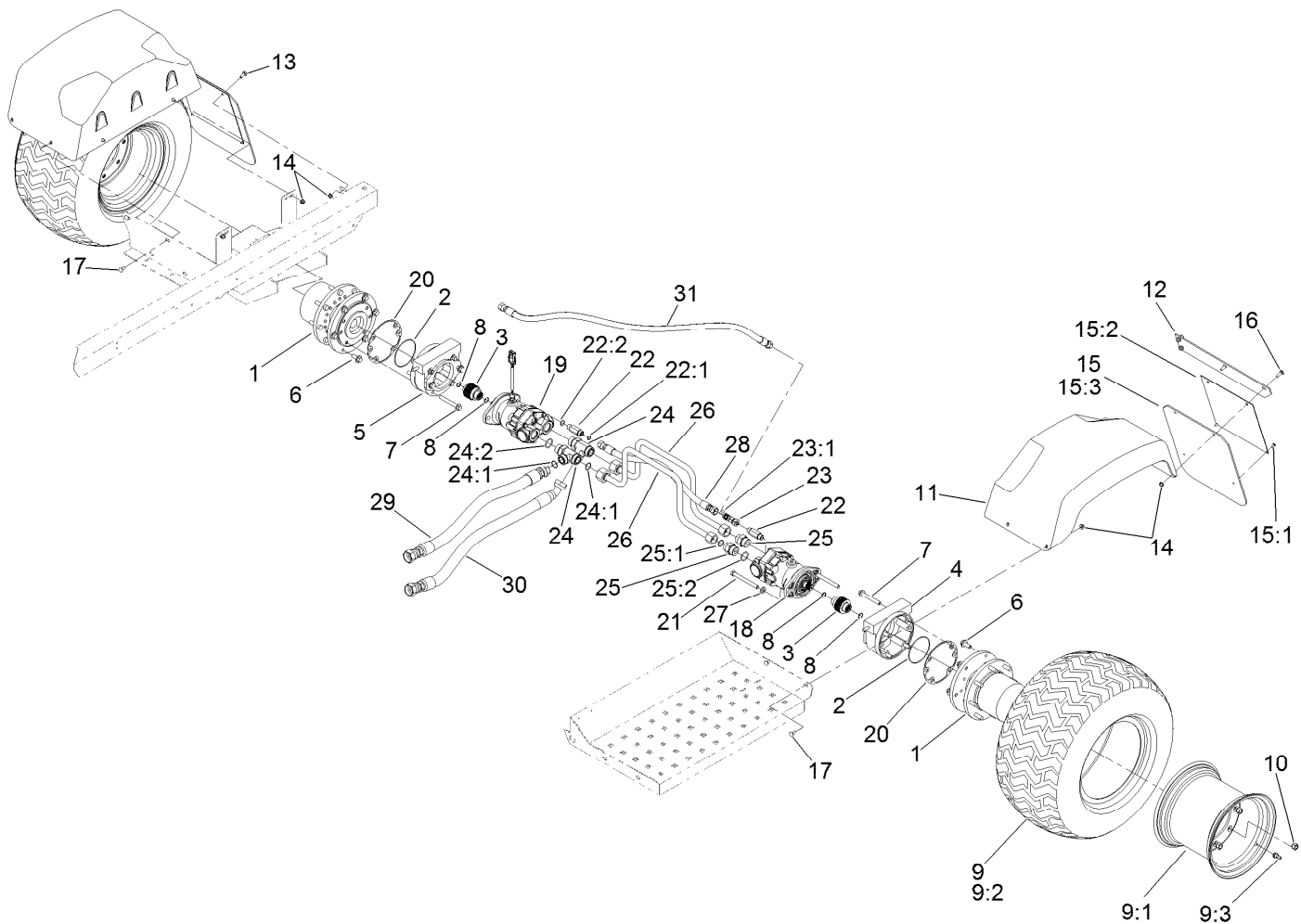
■ Not serviced separately



## On-Off Boom Lift Valve No. 117-0702

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 3    | 120-2588    | 2    | Valve-Check      |
| 3:1  | 120-0886    | 1    | Seal Kit ●       |
| 4    | 107-7517    | 1    | Valve-Solenoid   |
| 4:1  | 105-9156    | 1    | Seal Kit ●       |
| 4:2  | 107-7812    | 1    | Nut-Solenoid     |
| 5    | 120-2587    | 2    | Valve-Solenoid   |
| 5:1  | 112-6520    | 1    | Seal Kit ●       |
| 6    | 119-8036    | 5    | Coil             |
| 7    | 120-2586    | 2    | Spacer-Coil      |
| 8    | 120-2585    | 4    | Orifice, .035    |
| 9    | 340-92      | 4    | Fitting-Straight |
| 9:1  | 237-78      | 1    | O-Ring           |
| 9:2  | 237-21      | 1    | O-Ring           |

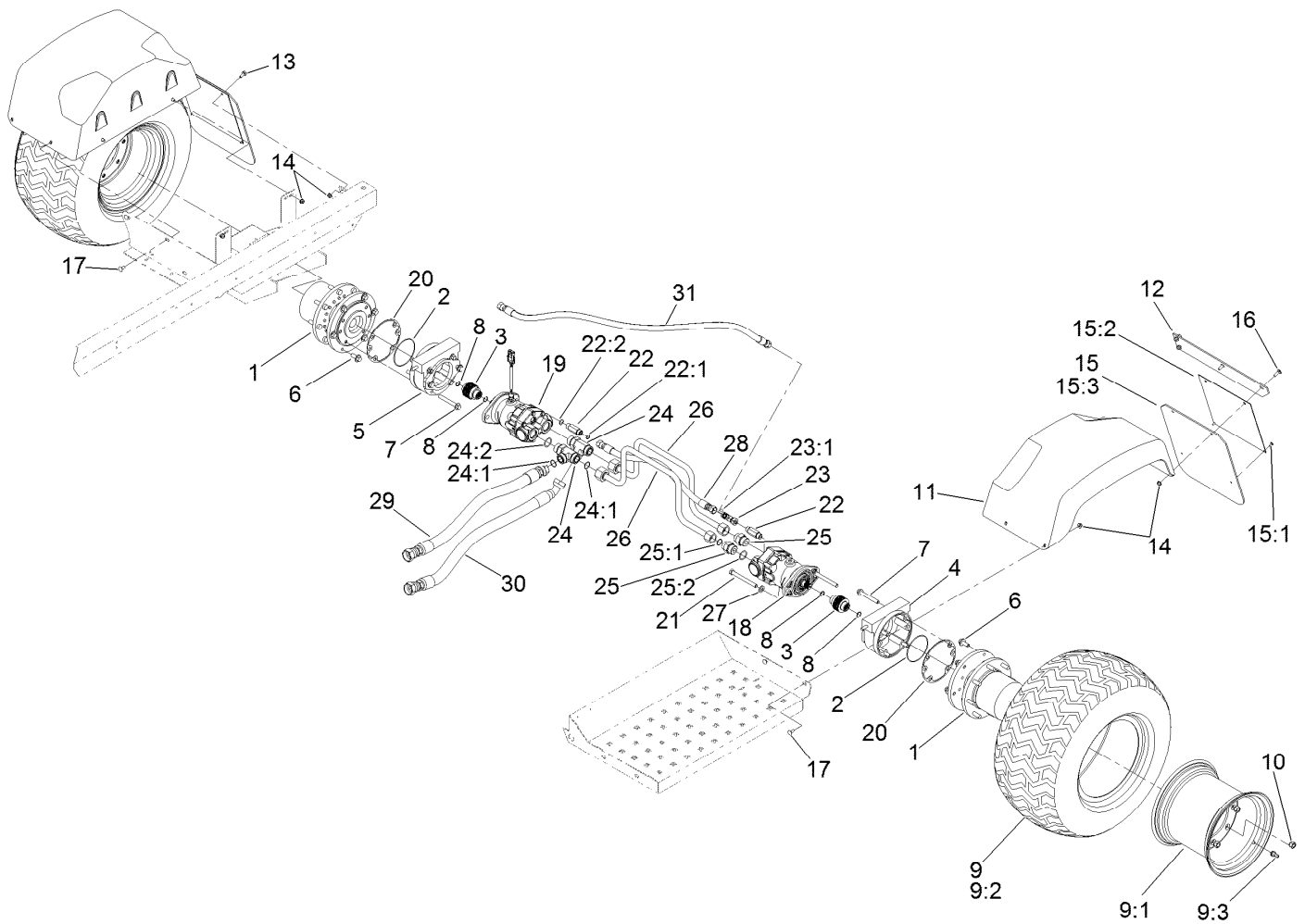
● Not illustrated



## Rear Drive Assembly

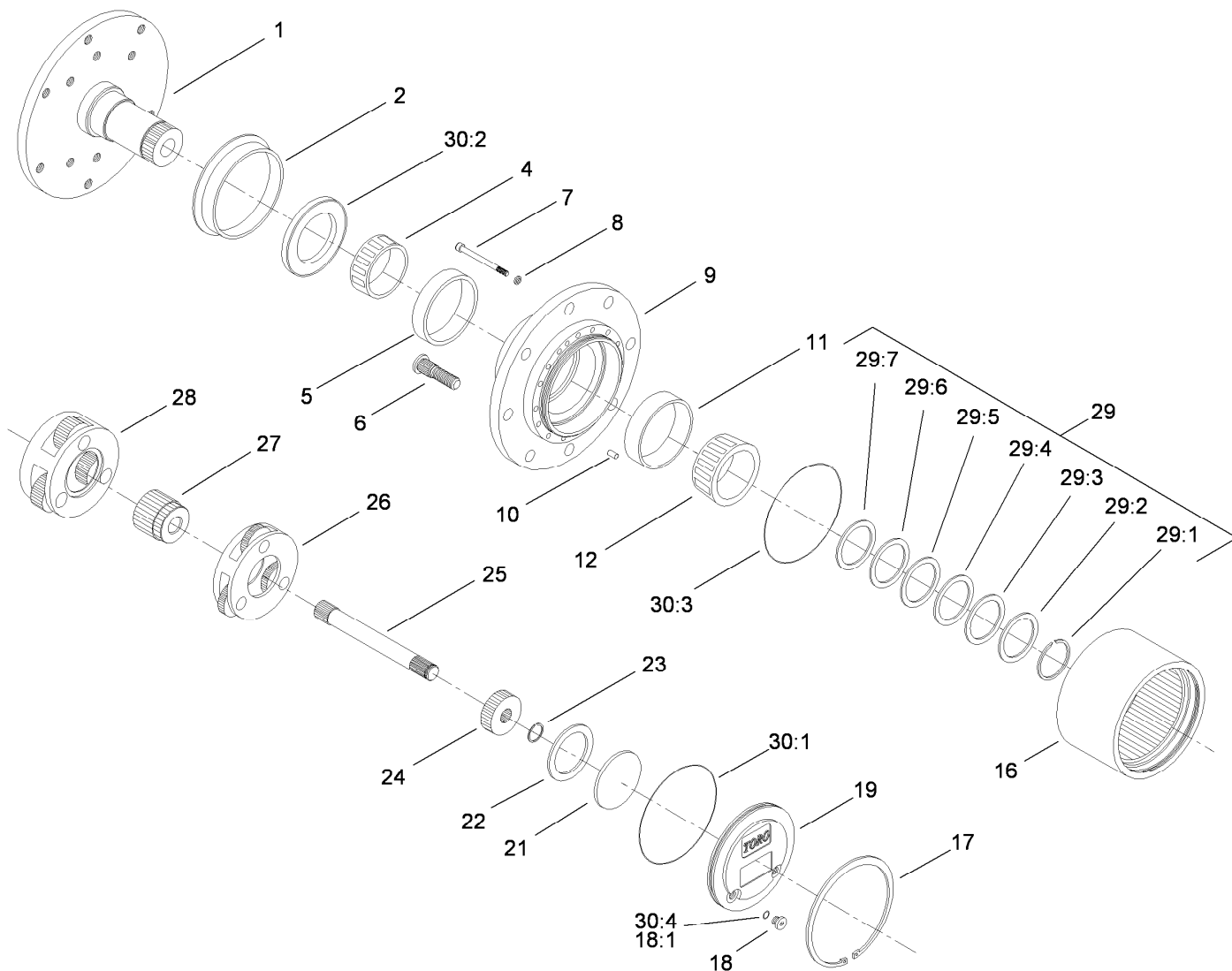
| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 1    | 105-4500    | 2    | Planetary ASM            |
| 2    | 237-166     | 2    | O-Ring                   |
| 3    | 100-3046    | 2    | Shaft-Brake, Splined     |
| 4    | 100-3069    | 1    | RH Brake ASM             |
| 5    | 100-3070    | 1    | LH Brake ASM             |
| 6    | 33106-030   | 12   | Screw-HHF                |
| 7    | 33106-090   | 8    | Screw-HHF                |
| 8    | 93-7972     | 4    | Ring-Retaining, Internal |
| 9    | 131-3335    | 2    | Tire And Wheel ASM       |
| 9:1  | 131-3336    | 1    | Wheel                    |
| 9:2  | 117-5196    | 1    | Tire                     |
| 9:3  | 232-27      | 1    | Stem-Valve               |
| 10   | 242-50      | 16   | Nut-Lug                  |
| 11   | 93-6498     | 2    | Fender-Rear              |
| 12   | 93-6528-03  | 2    | Strap-Mount, Fender      |
| 13   | 3234-5      | 4    | Screw-HHF                |
| 14   | 104-8300    | 16   | Nut-HF, NI               |
| 15   | 94-7127     | 2    | Splash Guard ASM         |
| 15:1 | 114439      | 2    | Rivet-Blind              |
| 15:2 | 94-7128-03  | 1    | Plate-Guard, Splash      |
| 15:3 | 94-7129     | 1    | Guard-Splash             |

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 16   | 3230-2      | 4    | Bolt-CARR           |
| 17   | 3230-1      | 8    | Bolt-CARR           |
| 18   | 93-6488     | 1    | Hydraulic Motor ASM |
| 19   | 93-6489     | 1    | Hydraulic Motor ASM |
| 20   | 93-7984     | 2    | Gasket              |
| 21   | 33116-120   | 4    | Screw-HH            |
| 22   | 119-4854    | 2    | Fitting-STR         |
| 22:1 | 237-30      | 1    | O-Ring              |
| 22:2 | 237-79      | 1    | O-Ring              |
| 23   | 340-104     | 1    | Fitting-Tee         |
| 23:1 | 237-30      | 2    | O-Ring              |
| 24   | 104-3795    | 2    | Fitting-Tee         |
| 24:1 | 340-65      | 2    | O-Ring              |
| 24:2 | 237-146     | 1    | O-Ring              |
| 25   | 340-91      | 2    | Fitting-STR         |
| 25:1 | 237-58      | 1    | O-Ring              |
| 25:2 | 237-146     | 1    | O-Ring              |
| 26   | 117-0674    | 2    | Tube-Traction       |
| 27   | 33096-00    | 4    | Washer-Flat         |
| 28   | 110-5073    | 1    | Hose ASM            |
| 29   | 120-8563    | 1    | Hose ASM            |



## Rear Drive Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------|
| 30   | 120-8564    | 1    | Hose ASM    |
| 31   | 119-0582    | 1    | Hose ASM    |



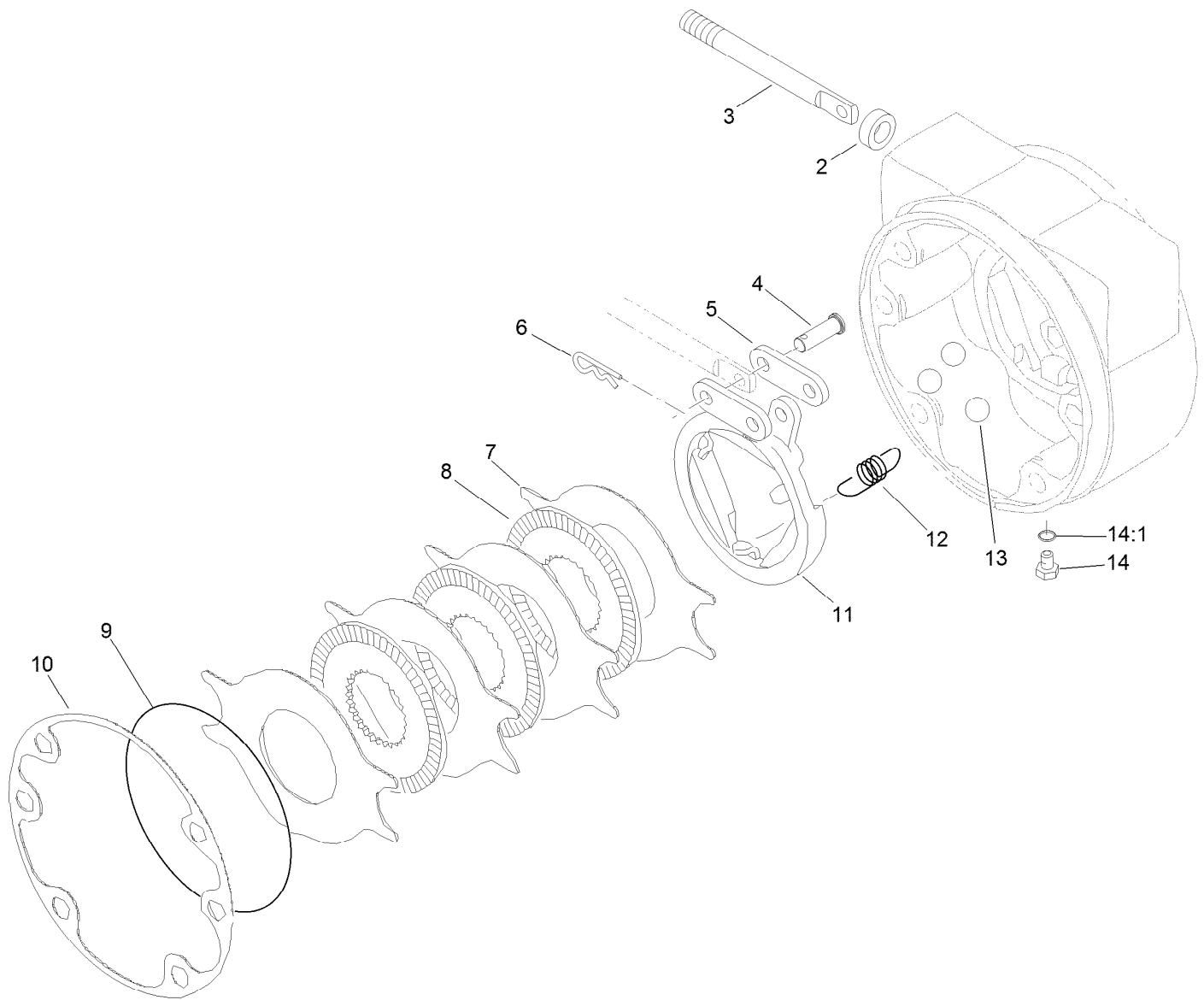
## Planetary Assembly No. 105-4500

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 1    |             | 1    | Spindle ■         |
| 2    | 105-8122    | 1    | Seal-Boot         |
| 4    | 105-8120    | 1    | Bearing-Cone      |
| 5    | 105-8119    | 1    | Bearing-Cup       |
| 6    | 105-8124    | 8    | Stud-Wheel        |
| 7    | 105-8125    | 16   | Bolt-Head, Socket |
| 8    | 3253-18     | 16   | Washer-Lock       |
| 9    |             | 1    | Housing ■         |
| 10   | 105-8121    | 1    | Pin-Dowel         |
| 11   | 105-8117    | 1    | Bearing-Cup       |
| 12   | 105-8118    | 1    | Bearing-Cone      |
| 16   | 105-8113    | 1    | Gear-Ring         |
| 17   | 105-8132    | 1    | Ring-Retaining    |
| 18   | 353-990     | 2    | Plug ASM          |
| 18:1 | 237-78      | 1    | O-Ring            |
| 19   | 105-8138    | 1    | Cap-End           |
| 21   | 105-8133    | 1    | Plug-Thrust       |
| 22   | 105-8123    | 1    | Washer-Thrust     |
| 23   | 105-8131    | 1    | Ring-Retaining    |

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 24   | 105-8114    | 1    | Gear-Primary          |
| 25   | 105-8115    | 1    | Shaft-Drive           |
| 26   | 105-8129    | 1    | Carrier-Primary       |
| 27   | 105-8139    | 1    | Gear-Secondary        |
| 28   | 105-8130    | 1    | Carrier-Secondary     |
| 29   | 105-8136    | 1    | Shim Kit              |
| 29:1 |             | 1    | Ring-Snap ■           |
| 29:2 |             | 1    | Shim-Bearing, 2.9Mm ■ |
| 29:3 |             | 1    | Shim-Bearing, 2.8Mm ■ |
| 29:4 |             | 1    | Shim-Bearing, 2.7Mm ■ |
| 29:5 |             | 1    | Shim-Bearing, 2.6Mm ■ |
| 29:6 |             | 1    | Shim-Bearing, 2.5Mm ■ |
| 29:7 |             | 1    | Shim-Bearing, 2.4Mm ■ |
| 30   | 105-8137    | 1    | Seal Kit ●            |
| 30:1 |             | 1    | O Ring-Flange Cap ■   |
| 30:2 |             | 1    | Seal-Oil ■            |
| 30:3 |             | 2    | O Ring-End Cap ■      |
| 30:4 | 237-78      | 2    | O-Ring                |

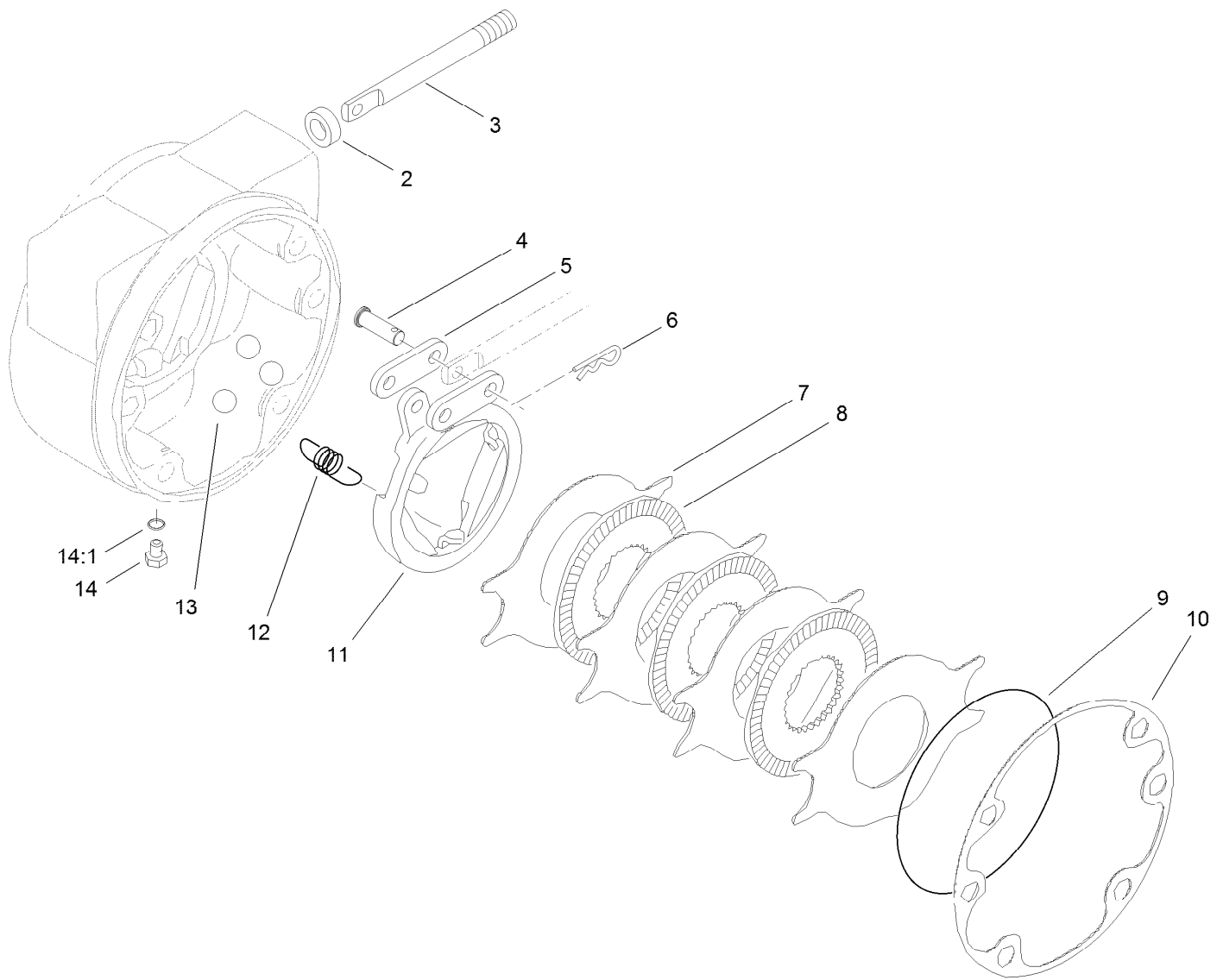
● Not illustrated

■ Not serviced separately



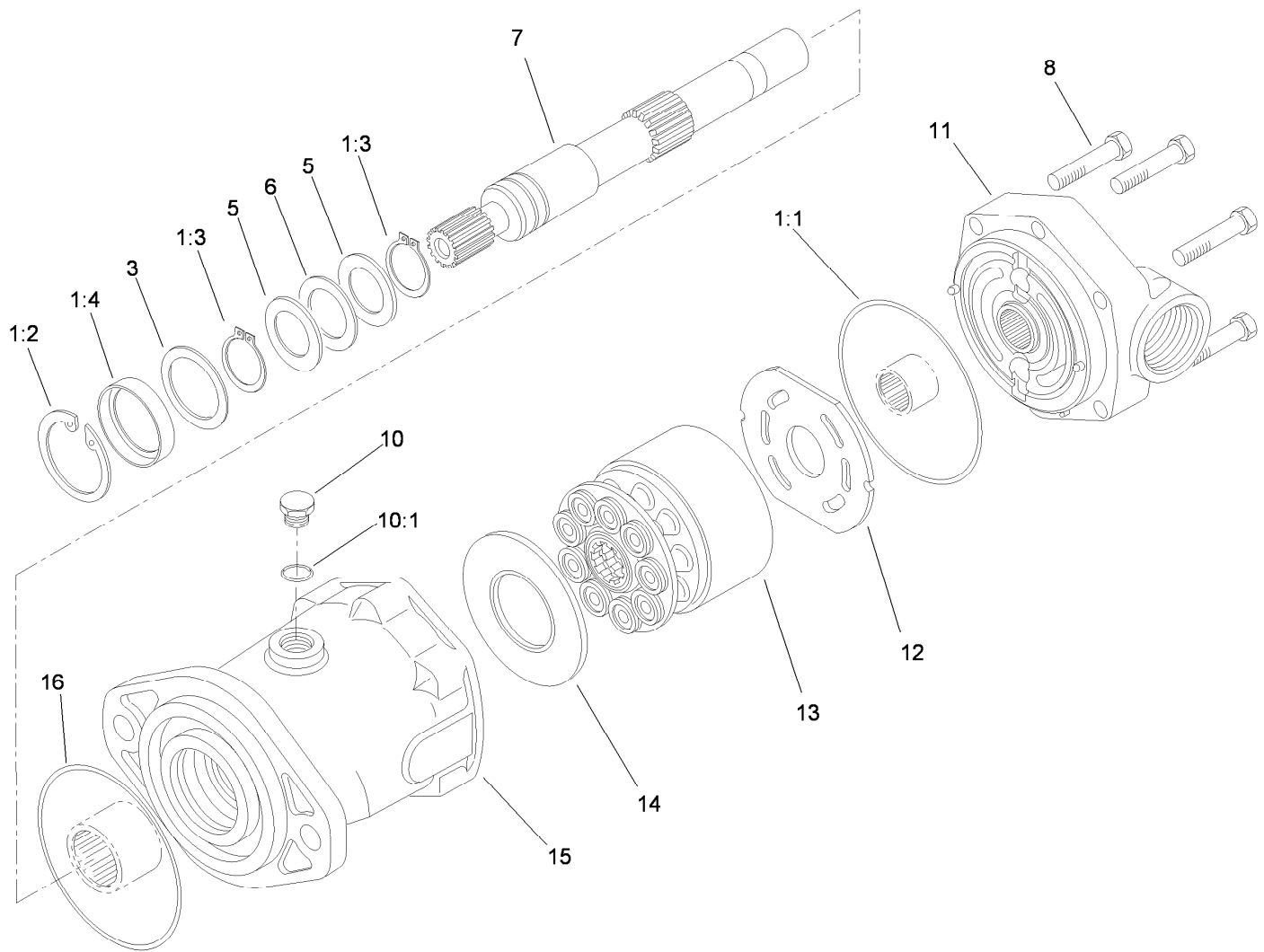
## RH Brake Assembly No. 100-3069

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 2    | 93-7977     | 1    | Seal              |
| 3    | 93-7978     | 1    | Rod-Pull          |
| 4    | 93-7983     | 2    | Pin-Clevis        |
| 5    | 93-7980     | 2    | Link              |
| 6    | 93-7979     | 2    | Pin-Hitch         |
| 7    | 93-7986     | 4    | Disc-Stationary   |
| 8    | 104-4278    | 3    | Disc-Rotating     |
| 9    | 93-7976     | 1    | Ring-Retaining    |
| 10   | 93-7984     | 1    | Gasket            |
| 11   | 104-4280    | 1    | Actuator-Rotating |
| 12   | 93-7987     | 3    | Spring-Extension  |
| 13   | 93-7985     | 3    | Ball              |
| 14   | 353-990     | 2    | Plug ASM          |
| 14:1 | 237-78      | 1    | O-Ring            |



## LH Brake Assembly No. 100-3070

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 2    | 93-7977     | 1    | Seal              |
| 3    | 93-7978     | 1    | Rod-Pull          |
| 4    | 93-7983     | 2    | Pin-Clevis        |
| 5    | 93-7980     | 2    | Link              |
| 6    | 93-7979     | 2    | Pin-Hitch         |
| 7    | 93-7986     | 4    | Disc-Stationary   |
| 8    | 104-4278    | 3    | Disc-Rotating     |
| 9    | 93-7976     | 1    | Ring-Retaining    |
| 10   | 93-7984     | 1    | Gasket            |
| 11   | 104-4279    | 1    | Actuator-Rotating |
| 12   | 93-7987     | 3    | Spring-Extension  |
| 13   | 93-7985     | 3    | Ball              |
| 14   | 353-990     | 2    | Plug ASM          |
| 14:1 | 237-78      | 1    | O-Ring            |



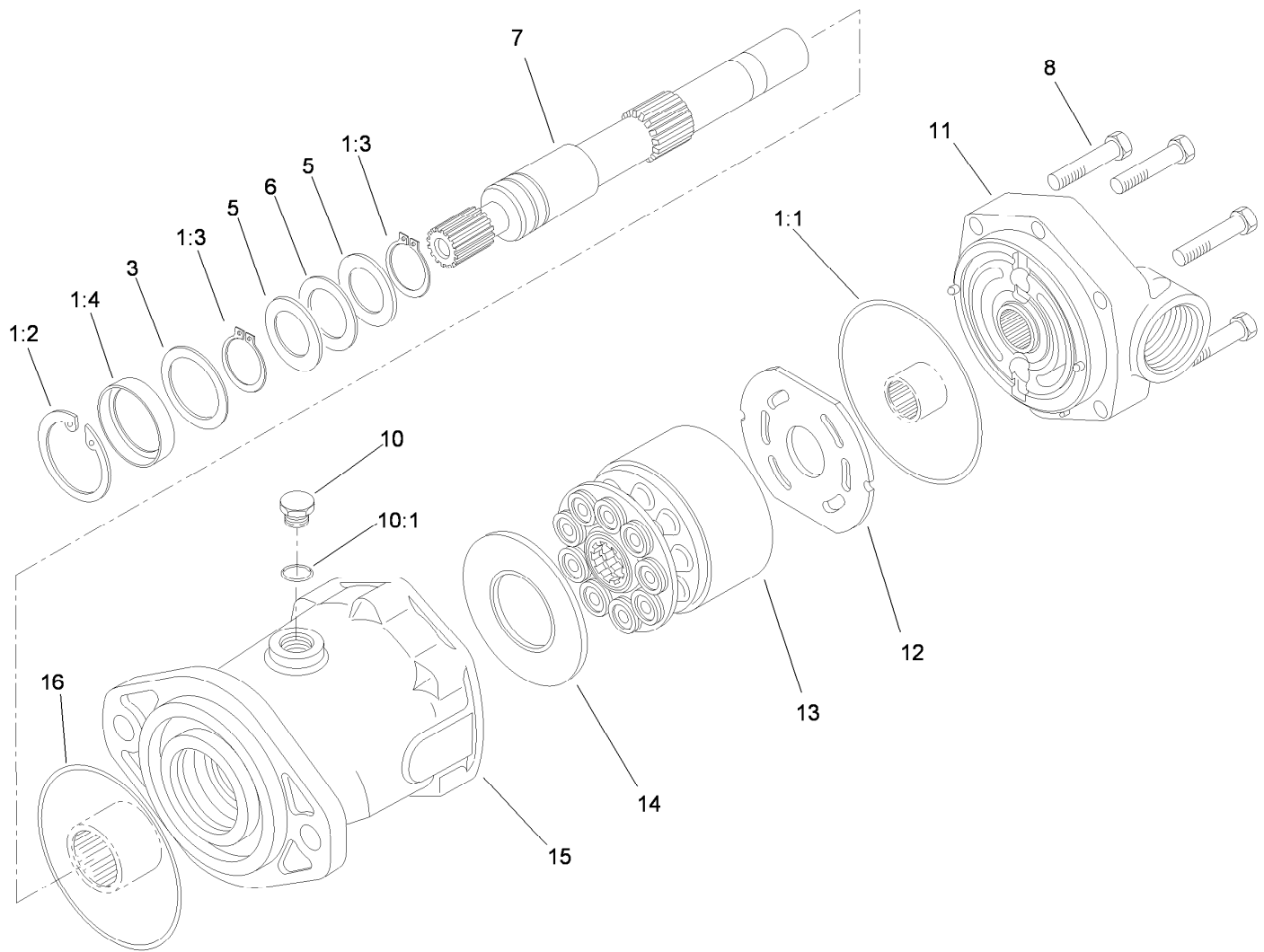
## Hydraulic Motor Assembly No. 93-6488

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 106-6876    | 1    | Seal Kit ●           |
| 1:1  |             | 1    | O-Ring ■             |
| 1:2  | 76-7010     | 1    | Ring-Retaining       |
| 1:3  | 76-7000     | 2    | Ring-Retaining       |
| 1:4  |             | 1    | Seal-Shaft ■         |
| 3    | 60-6240     | 1    | Washer               |
| 5    | 76-6950     | 2    | Race-Thrust          |
| 6    | 76-6960     | 1    | Bearing-Thrust       |
| 7    | 94-3004     | 1    | Shaft-Drive, Splined |

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 8    | 94-3002     | 6    | Screw-Cap         |
| 10   | 94-3009     | 1    | Plug              |
| 10:1 |             | 1    | O-Ring ■          |
| 11   |             | 1    | Backplate ASM ■   |
| 12   | 94-3003     | 1    | Plate-Valve       |
| 13   | 76-6910     | 1    | Rotating Kit      |
| 14   | 76-6970     | 1    | Insert-Plate, Cam |
| 15   |             | 1    | Housing ■         |
| 16   | 237-166     | 1    | O-Ring            |

● Not illustrated

■ Not serviced separately



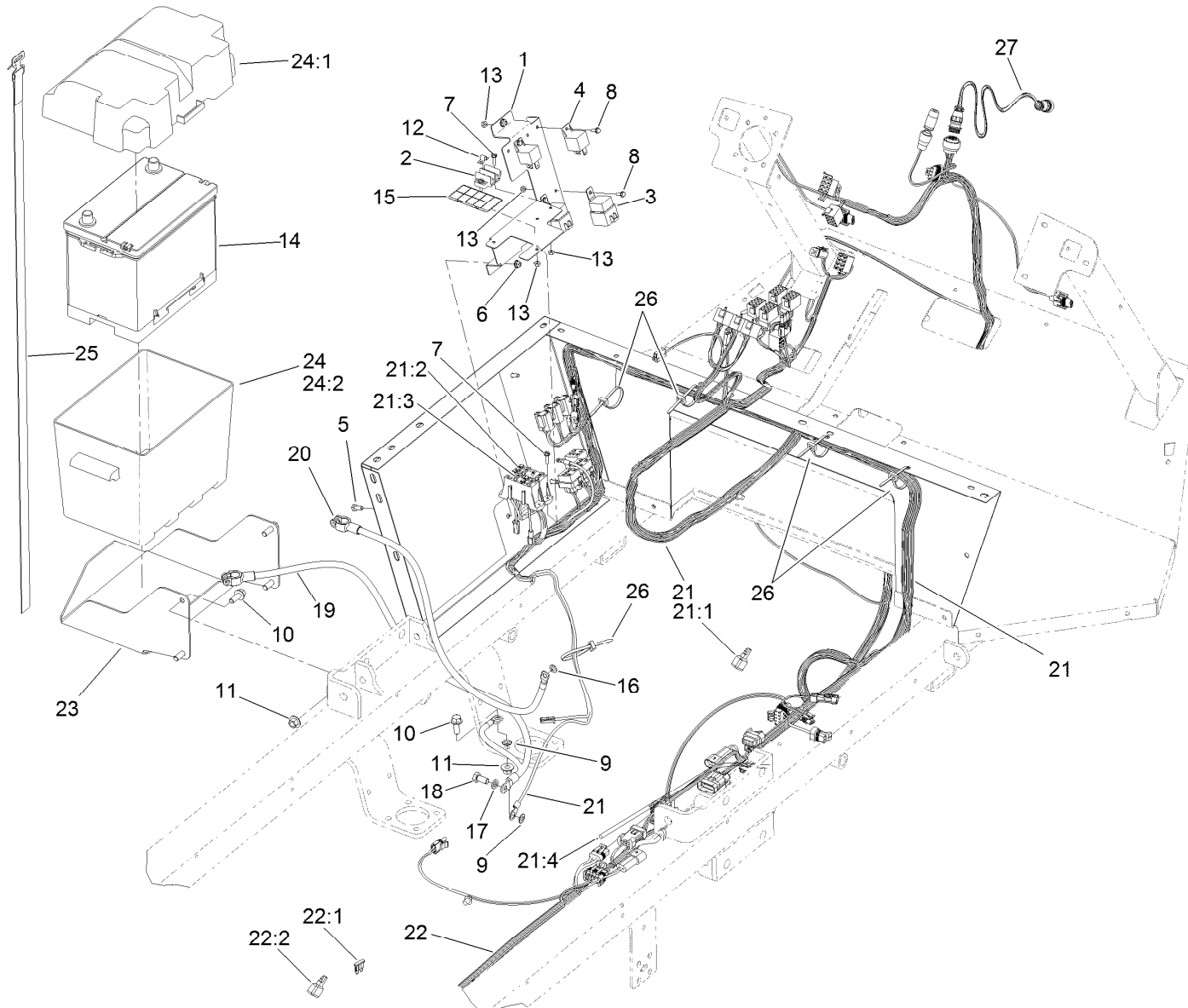
## Hydraulic Motor Assembly No. 93-6489

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 106-6876    | 1    | Seal Kit ●           |
| 1:1  |             | 1    | O-Ring ■             |
| 1:2  | 76-7010     | 1    | Ring-Retaining       |
| 1:3  | 76-7000     | 2    | Ring-Retaining       |
| 1:4  |             | 1    | Seal-Shaft ■         |
| 3    | 60-6240     | 1    | Washer               |
| 5    | 76-6950     | 2    | Race-Thrust          |
| 6    | 76-6960     | 1    | Bearing-Thrust       |
| 7    | 94-3004     | 1    | Shaft-Drive, Splined |

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 8    | 94-3002     | 6    | Screw-Cap            |
| 10   | 94-3010     | 1    | Sensor-Speed, Pickup |
| 10:1 |             | 1    | O-Ring ■             |
| 11   |             | 1    | Back Plate ASM ■     |
| 12   | 94-3003     | 1    | Plate-Valve          |
| 13   | 76-6910     | 1    | Rotating Kit         |
| 14   | 76-6970     | 1    | Insert-Plate, Cam    |
| 15   |             | 1    | Housing ■            |
| 16   | 237-166     | 1    | O-Ring               |

● Not illustrated

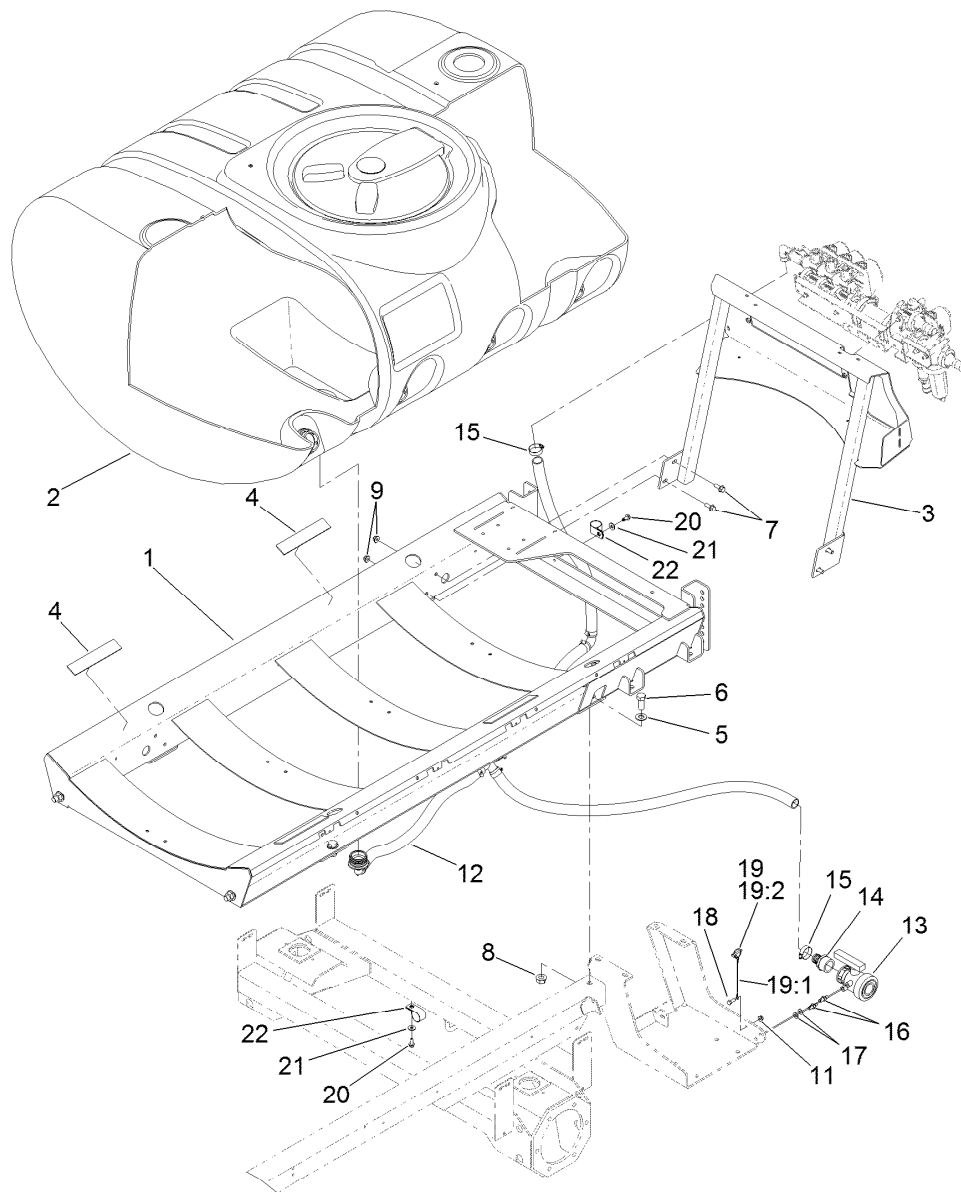
■ Not serviced separately



## Electrical Assembly

| Ref. | Part Number | Qty. | Description                      |
|------|-------------|------|----------------------------------|
| 1    | 131-9609-01 | 1    | Plate-Electrical                 |
| 2    | 42862       | 1    | Block-Terminal, Ground           |
| 3    | 99-7430     | 2    | Relay-Mini                       |
| 4    | 99-7435     | 2    | Relay                            |
| 5    | 321-3       | 3    | Screw-HH                         |
| 6    | 104-7201    | 3    | Nut-HF, NI                       |
| 7    | 32105-13    | 4    | Screw-HWH                        |
| 8    | 3290-321    | 4    | Screw-HWH                        |
| 9    | 3255-9      | 2    | Washer-Lock                      |
| 10   | 3234-11     | 5    | Screw-HHF                        |
| 11   | 32128-43    | 5    | Nut-Flange                       |
| 12   | 42863       | 1    | Strip-Jumper                     |
| 13   | 3296-2      | 8    | Nut-Lock, NI                     |
| 14   | 106-5190    | 1    | Battery, 660 CCA W/O Electrolyte |
| 15   | 119-5046    | 1    | Decal-Fuses, CE                  |
| 16   | 3255-8      | 1    | Washer-Lock                      |
| 17   | 48-9590     | 1    | Washer-Lock                      |

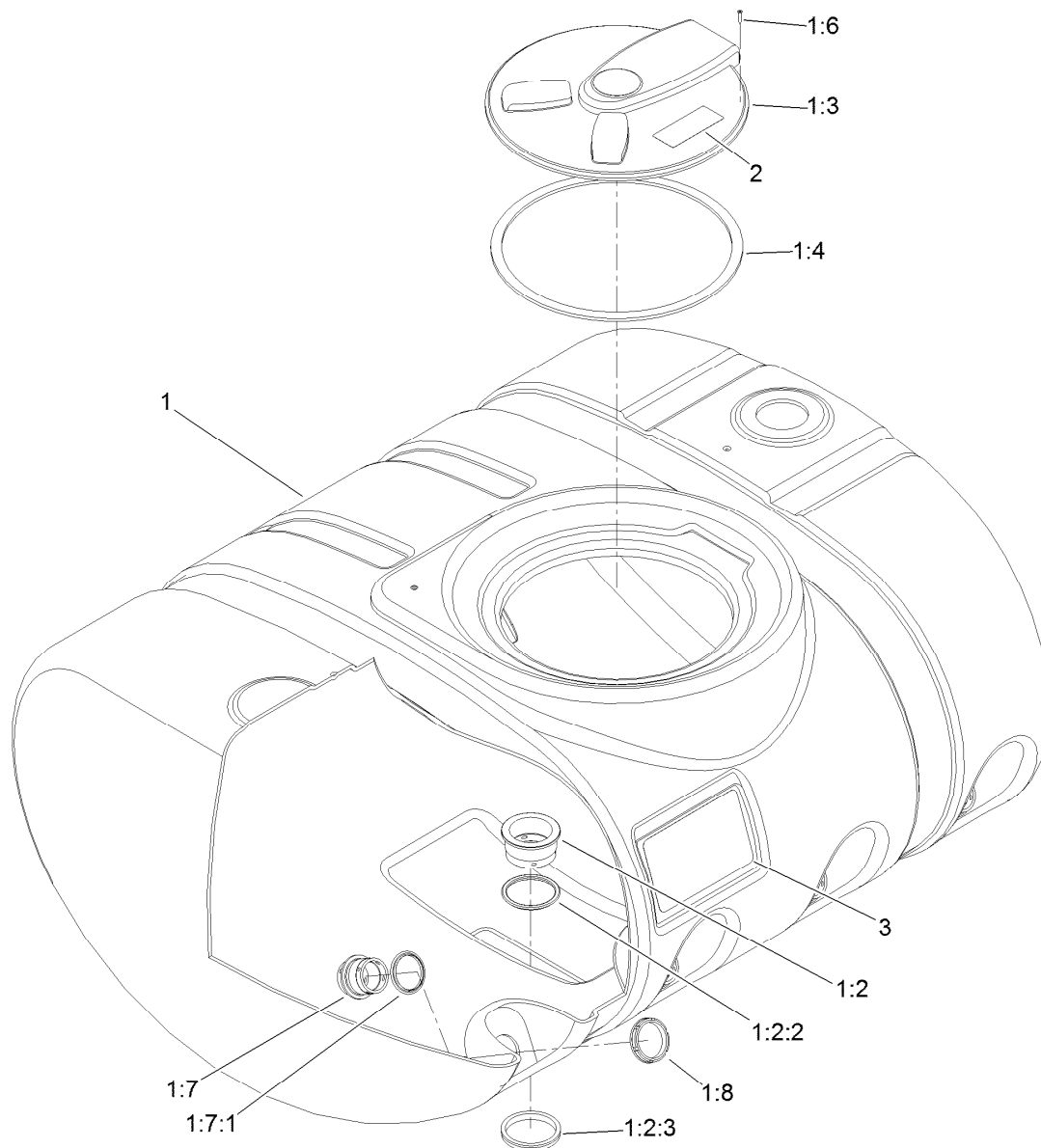
| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 18   | 63-7790     | 1    | Screw-Cap               |
| 19   | 120-0615    | 1    | Cable-Battery, Negative |
| 20   | 105-0114    | 1    | Cable-Battery, Positive |
| 21   | 122-0320    | 1    | Harness-Wire, Front     |
| 21:1 | 100-4918    | 2    | Diode                   |
| 21:2 | 218-578     | 2    | Fuse-Blade, 10 Amp      |
| 21:3 | 109355      | 5    | Fuse-Blade, 15 Amp      |
| 21:4 | 106-4985    | 1    | Tube-Pressure           |
| 22   | 122-0166    | 1    | Harness-Wire, Rear      |
| 22:1 | 110928      | 4    | Fuse-Blade, 5 Amp       |
| 22:2 | 100-4918    | 4    | Diode                   |
| 23   | 119-5049-03 | 1    | Bracket-Battery         |
| 24   | 93-7595     | 1    | Battery Box ASM         |
| 24:1 | 105-2914    | 1    | Top-Battery Box         |
| 24:2 | 105-2915    | 1    | Bottom-Battery Box      |
| 25   | 3339-175    | 1    | Strapping-Web           |
| 26   | 3290-379    | 5    | Tie-Cable               |
| 27   | 122-0642    | 1    | Harness-Wire            |



## Tank and Saddle Assembly

| Ref. | Part Number | Qty. | Description     |
|------|-------------|------|-----------------|
| 1    | 130-7092-03 | 1    | Tank Saddle ASM |
| 2    | 117-8005    | 1    | Tank ASM        |
| 3    | 131-3744-03 | 1    | Mount-Valve     |
| 4    | 104-7102    | 4    | Pad-Battery     |
| 5    | 3256-27     | 6    | Washer-Flat     |
| 6    | 327-4       | 6    | Screw-HH        |
| 7    | 3234-11     | 4    | Screw-HHF       |
| 8    | 32128-50    | 6    | Nut-Flange      |
| 9    | 104-8301    | 4    | Nut-HF, NI      |
| 11   | 104-8300    | 1    | Nut-HF, NI      |
| 12   | 131-5774    | 1    | Drain Hose ASM  |
| 13   | 108-0069    | 1    | Valve-Ball      |

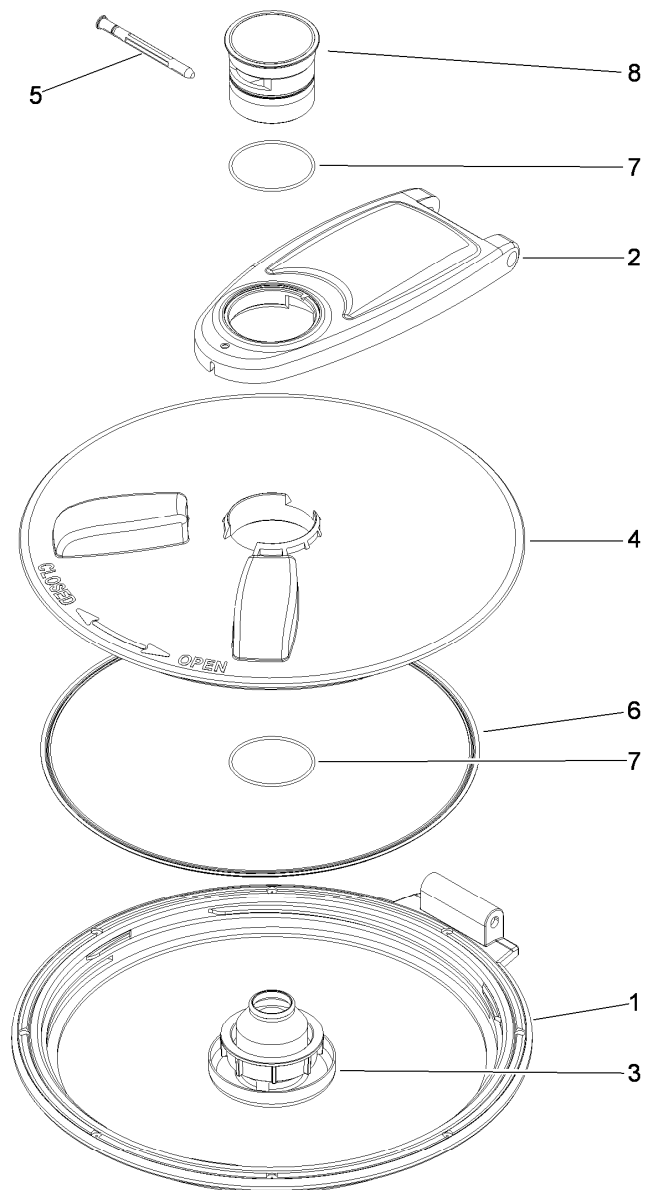
| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 14   | 110-5224    | 1    | Fitting-Barbed, Straight |
| 15   | 2412-34     | 2    | Clamp-Hose               |
| 16   | 112-7900    | 2    | Mount-Peg                |
| 17   | 62-1230     | 2    | Washer-Rubber            |
| 18   | 322-3       | 1    | Screw-HH                 |
| 19   | 98-0979     | 1    | Lynch Pin ASM            |
| 19:1 | 28-8070     | 1    | Lanyard                  |
| 19:2 | 3290-495    | 1    | Pin-Klik                 |
| 20   | 32104-32    | 2    | Screw-HWH                |
| 21   | 3256-3      | 2    | Washer-Flat              |
| 22   | 2412-147    | 2    | Clamp-R                  |



## Tank Assembly No. 117-8005

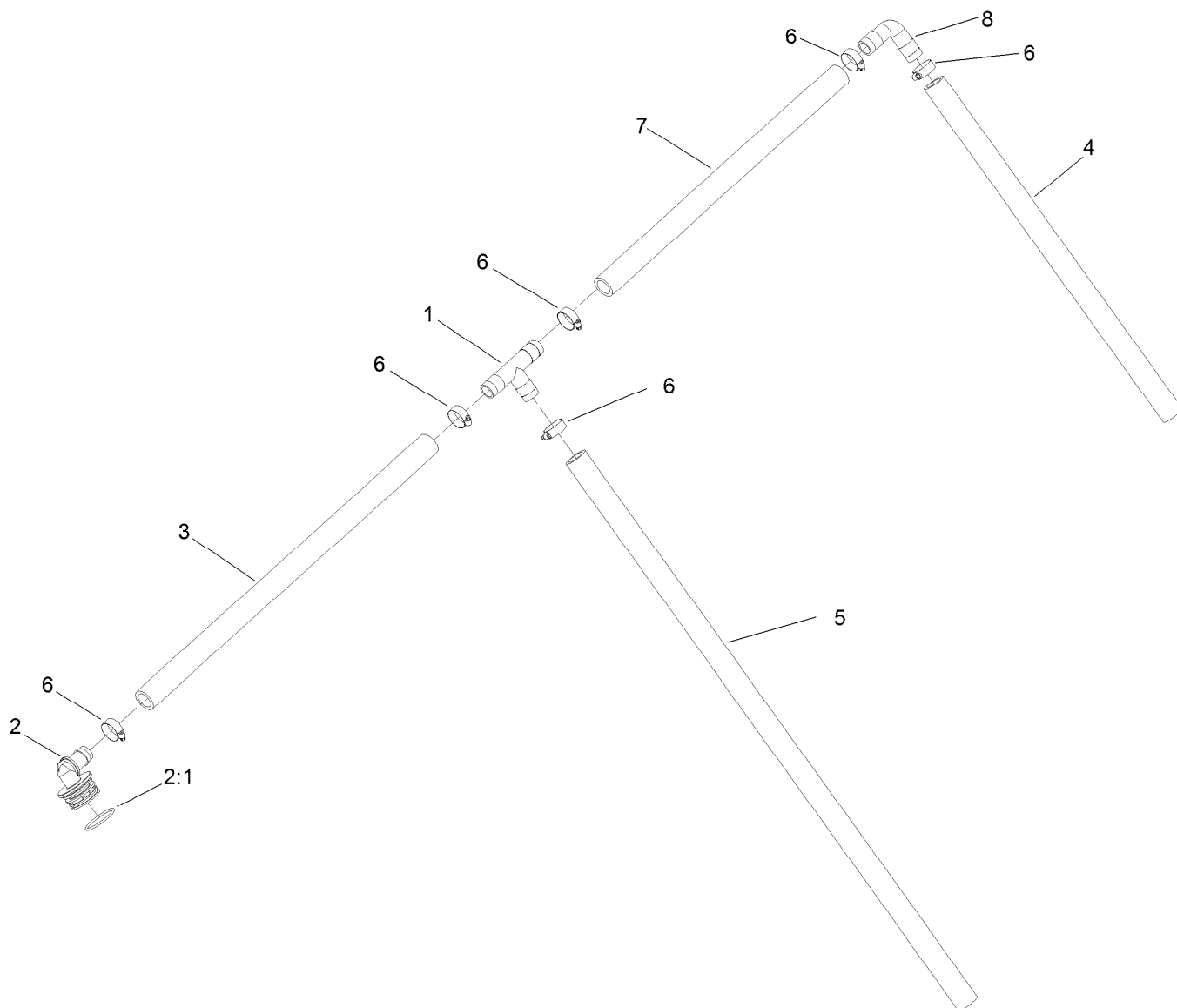
| Ref.  | Part Number | Qty. | Description          |
|-------|-------------|------|----------------------|
| 1     |             | 1    | Tank ASM ●           |
| 1:2   | 117-7851    | 1    | Bulkhead ASM         |
| 1:2:2 | 100-8646    | 1    | Gasket-Bulkhead      |
| 1:2:3 | 100-8647    | 1    | Nut-Bulkhead         |
| 1:3   |             | 1    | Spray Tank Lid ASM ● |
| 1:4   | 119-9378    | 1    | Gasket-Lid, Tank     |
| 1:6   | 107-8635    | 8    | Screw-PFH            |
| 1:7   | 108-3358    | 4    | Fitting-Bulkhead     |
| 1:7:1 | 107-2864    | 1    | Gasket-Bulkhead      |
| 1:8   | 100-7051    | 4    | Nut-Bulkhead         |
| 2     | 120-0622    | 1    | Decal-Warning        |
| 3     | 119-5042    | 2    | Decal-Tank           |

● Not serviced separately



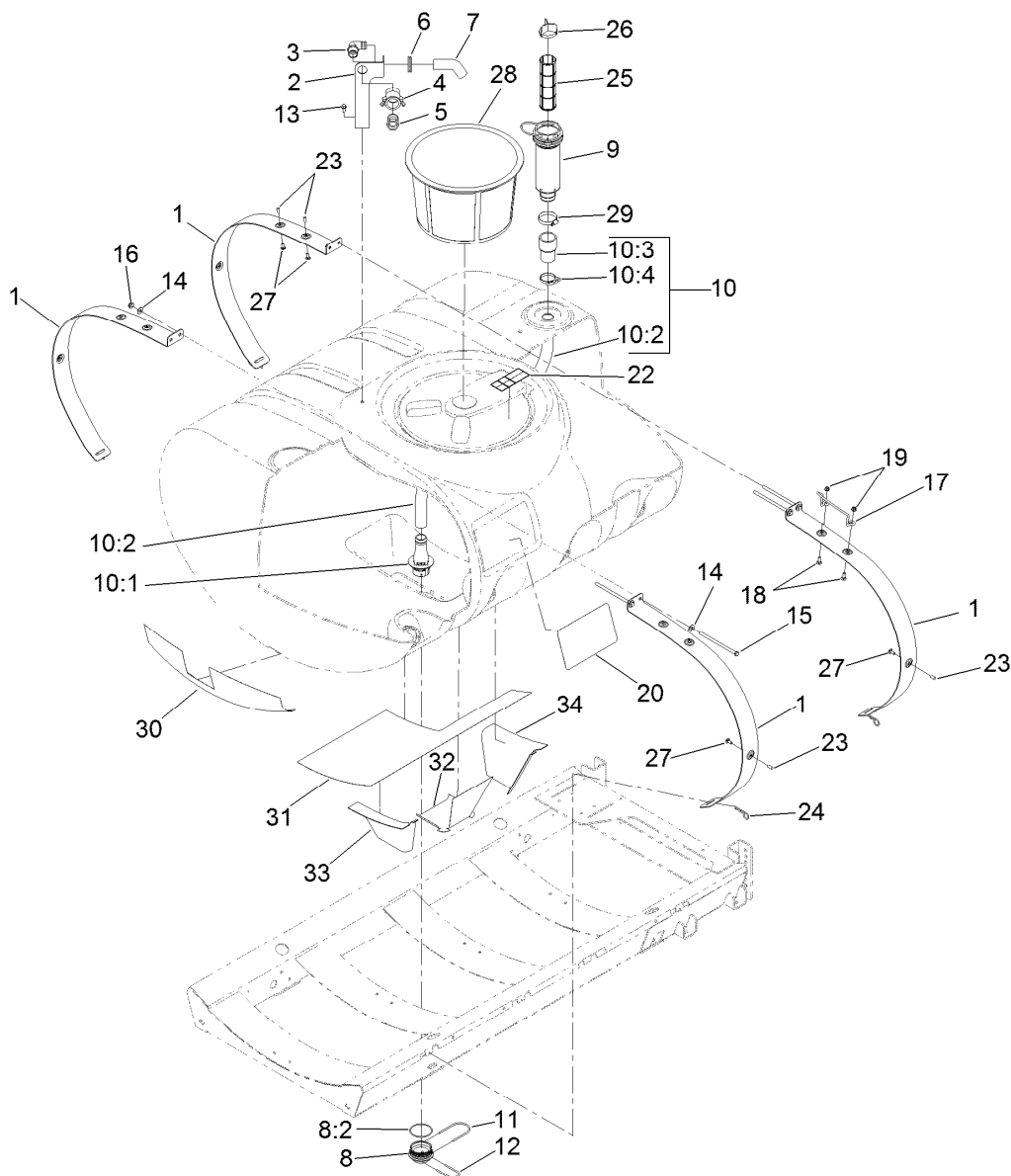
## Spray Tank Lid Assembly

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 119-9381           | 1           | Ring-Lid           |
| 2           | 119-9382           | 1           | Arm-Lid            |
| 3           | 119-9383           | 1           | Vent-Lid           |
| 4           | 119-9384           | 1           | Cover-Lid          |
| 5           | 119-9385           | 1           | Pin-Pivot          |
| 6           | 106-5004           | 1           | Seal-Lid           |
| 7           | 119-9386           | 2           | O-Ring             |
| 8           | 119-9387           | 1           | Cap-Lid            |



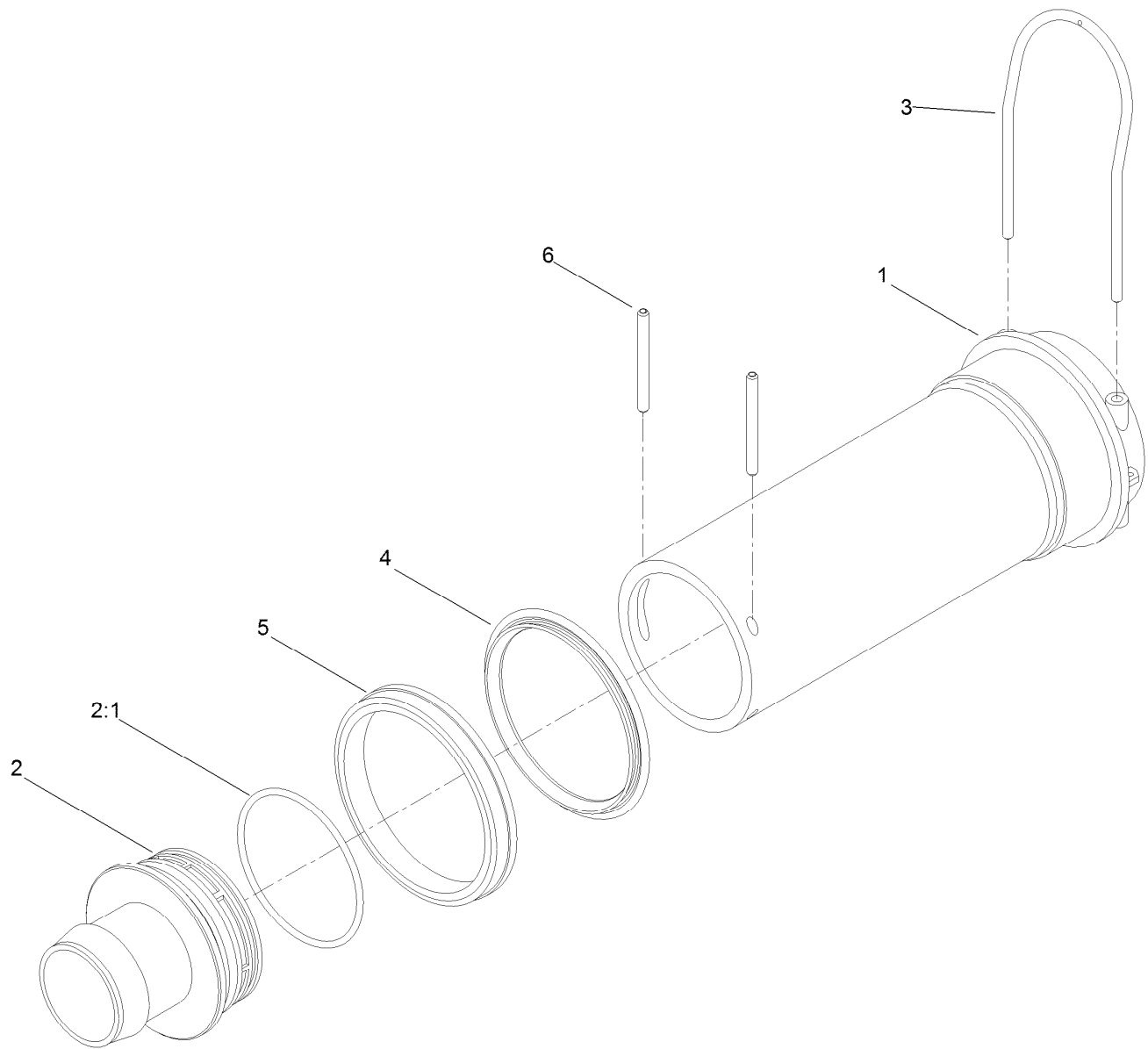
## Drain Hose Assembly No. 131-5774

| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 1    | 117-7866    | 1    | Tee-Hosebarb   |
| 2    | 106-4933    | 1    | Hosebarb ASM   |
| 2:1  | 100-8637    | 1    | O-Ring         |
| 3    | 131-5775    | 1    | Hose-Drain     |
| 4    | 131-5824    | 1    | Hose-Drain     |
| 5    | 131-5777    | 1    | Hose-Drain     |
| 6    | 2412-34     | 6    | Clamp-Hose     |
| 7    | 131-5825    | 1    | Hose-Drain     |
| 8    | 117-7867    | 1    | Elbow-Hosebarb |



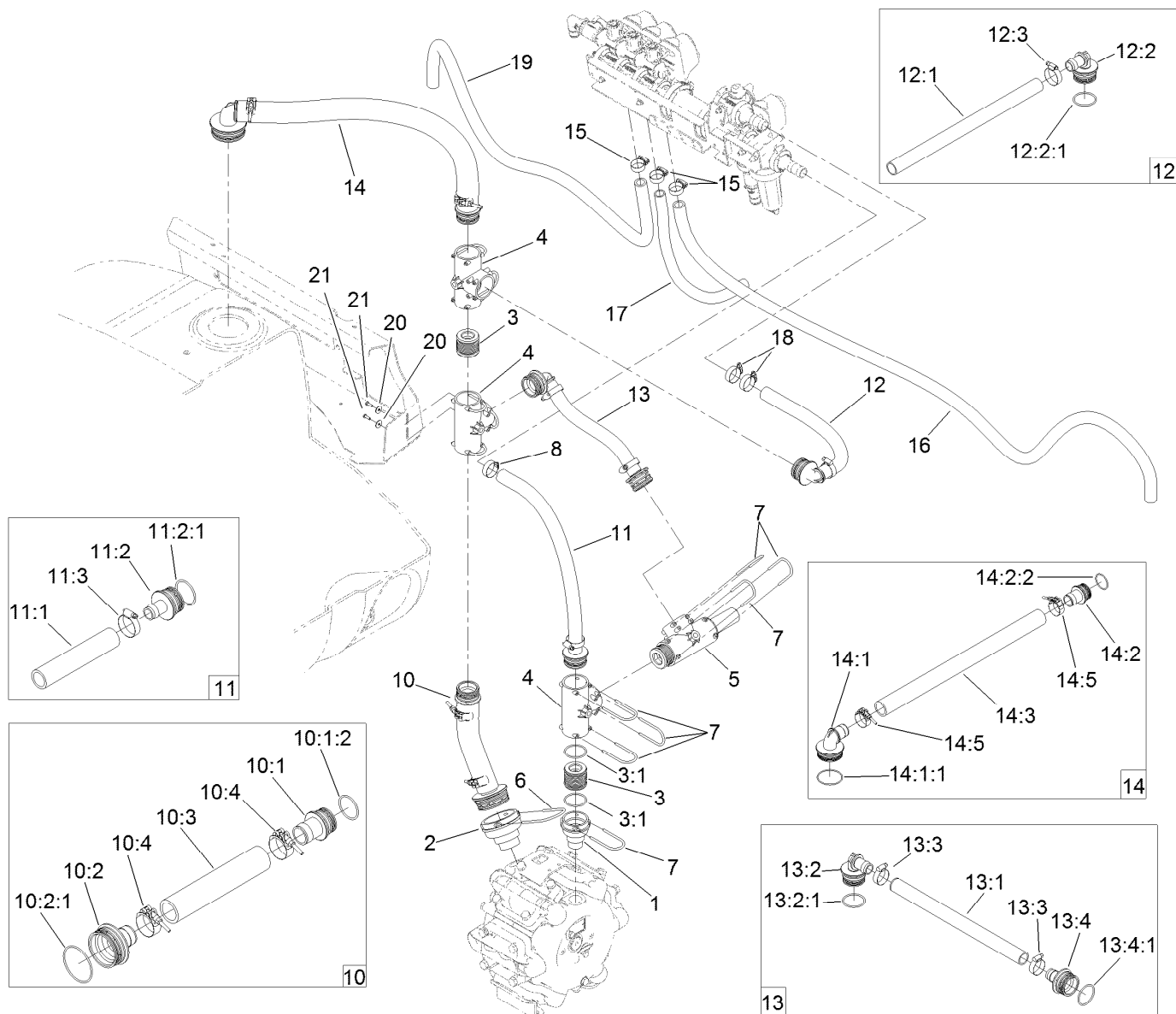
## Tank Mounting and Filter Assembly

| Ref. | Part Number | Qty. | Description         | Ref. | Part Number | Qty. | Description                   |
|------|-------------|------|---------------------|------|-------------|------|-------------------------------|
| 1    | 117-8029-03 | 4    | Band-Tank           | 17   | 119-5019    | 1    | Stop-Lid                      |
| 2    | 110-5082-03 | 1    | Bracket-Anti Siphon | 18   | 3230-2      | 2    | Bolt-CARR                     |
| 3    | 41140       | 1    | Elbow               | 19   | 104-8300    | 2    | Nut-HF, NI                    |
| 4    | 100-6779    | 1    | Coupling-Female     | 20   | 131-3316    | 2    | Decal-Tank                    |
| 5    | 41316       | 1    | Adapter-Quick       | 22   | 120-0622    | 1    | Decal-Warning                 |
| 6    | 110-5090    | 1    | Grommet             | 23   | 42452       | 5    | Cap-Protective                |
| 7    | 110-5088    | 1    | Hose-Fill           | 24   | 3290-343    | 4    | Pin-Hair                      |
| 8    | 117-7928    | 1    | Adapter ASM         | 25   | 100-6991    | 1    | Element-Filter, Green         |
| 8:2  | 100-6989    | 1    | O-Ring              | 25   | 100-6992    | 1    | Element-Filter, Red           |
| 9    | 130-7096    | 1    | Filter ASM          | 25   | 100-8642    | 1    | Screen-Suction                |
| 10   | 121-5003    | 1    | Suction Tube ASM    | 26   | 100-8641    | 1    | Vane-Screen                   |
| 10:1 | 121-5008    | 1    | Foot-Suction        | 27   | 3230-1      | 5    | Bolt-CARR                     |
| 10:2 | 121-5030    | 1    | Tube-Suction        | 28   | 119-9419    | 1    | Basket-Filter                 |
| 10:3 | 121-5031    | 1    | Connector-Suction   | 29   | 2412-130    | 1    | Clamp-Hose                    |
| 10:4 | 121-5047    | 1    | Clamp-Nylon         | 30   | 130-7139    | 1    | Shield-Heat Tape, Front       |
| 11   | 117-7996    | 1    | Fork                | 31   | 130-7140    | 1    | Shield-Heat Tape, Bottom      |
| 12   | 100-8635    | 1    | Fork                | 32   | 130-7141    | 1    | Shield-Heat Tape, Sump        |
| 13   | 3234-5      | 1    | Screw-HHF           | 33   | 131-3298    | 1    | Shield-Heat Tape, Sump, Front |
| 14   | 3256-4      | 8    | Washer-Flat         | 34   | 131-3299    | 1    | Shield-Heat Tape, Sump, Rear  |
| 15   | 120-0649    | 4    | Bolt-TAP HH         |      |             |      |                               |
| 16   | 104-8301    | 4    | Nut-HF, NI          |      |             |      |                               |



## Filter Assembly No. 130-7096

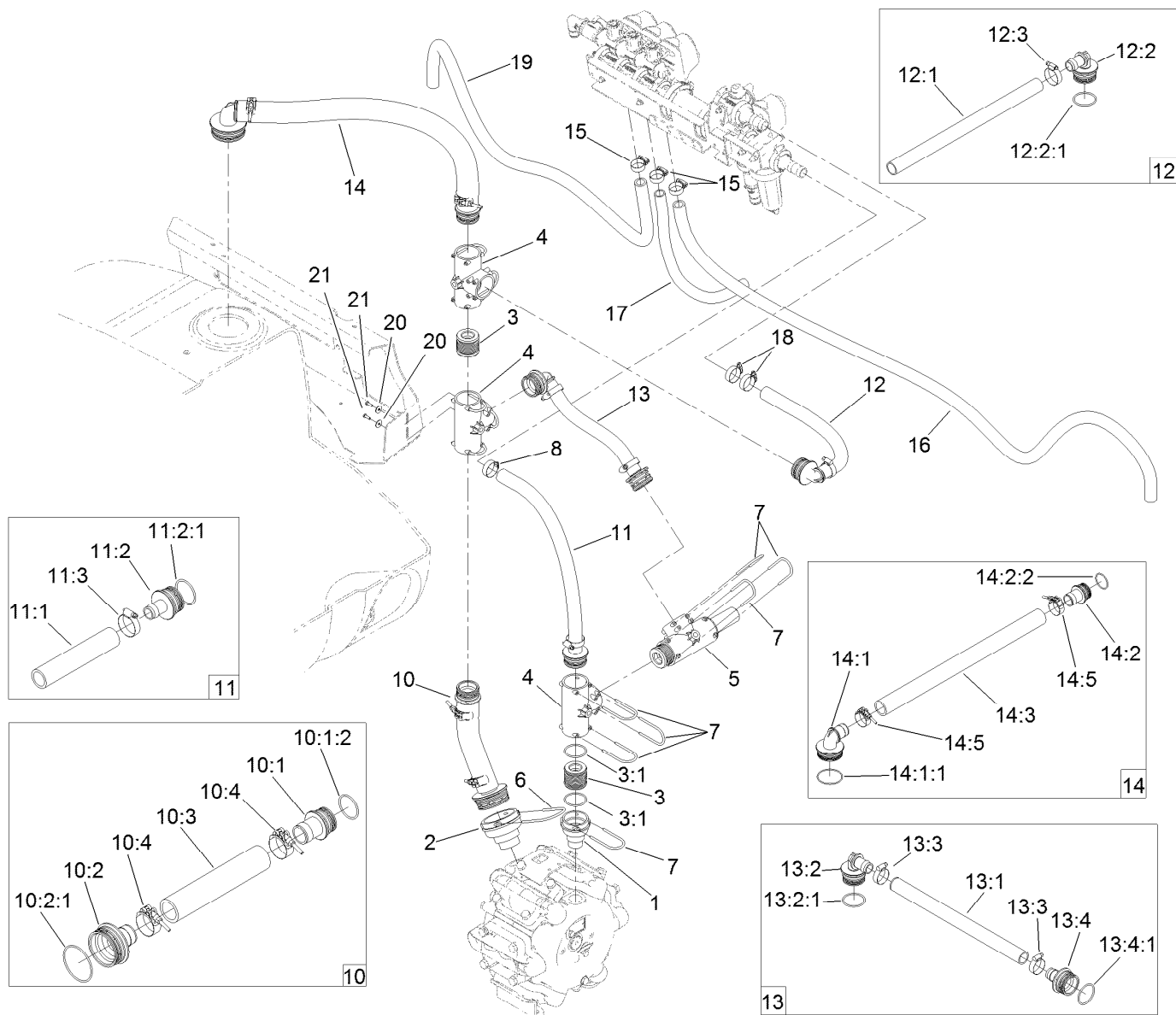
| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 1    | 100-8643    | 1    | Housing-Filter    |
| 2    | 106-4942    | 1    | Hosebarb-Straight |
| 2:1  | 100-6989    | 1    | O-Ring            |
| 3    | 100-8636    | 1    | Fork-Special      |
| 4    | 100-8646    | 1    | Gasket-Bulkhead   |
| 5    | 100-8647    | 1    | Nut-Bulkhead      |
| 6    | 100-8644    | 2    | Pin-Expansion     |



## Spray System Hose Assembly

| Ref.   | Part Number | Qty. | Description            |
|--------|-------------|------|------------------------|
| 1      | 117-7859    | 1    | Fitting-Pump           |
| 2      | 117-7858    | 1    | Fitting-Pump           |
| 3      | 106-4947    | 2    | Connector              |
| 3:1    | 100-8637    | 2    | O-Ring                 |
| 4      | 100-6704    | 3    | Tee                    |
| 5      | 117-7874    | 1    | Relief Valve ASM       |
| 6      | 117-7996    | 1    | Fork                   |
| 7      | 100-8635    | 13   | Fork                   |
| 8      | 2412-34     | 1    | Clamp-Hose             |
| 10     | 130-7128    | 1    | Lower Suction Hose ASM |
| 10:1   | 117-7982    | 1    | Hosebarb ASM           |
| 10:1:2 | 100-8637    | 1    | O-Ring                 |
| 10:2   | 117-7965    | 1    | Hosebarb ASM           |
| 10:2:1 | 100-6989    | 1    | O-Ring                 |
| 10:3   | 127-8982    | 1    | Hose-Suction, Lower    |
| 10:4   | 130-7125    | 2    | Clamp, T-Bolt          |
| 11     | 119-0448    | 1    | Supply Hose ASM        |
| 11:1   | 119-0445    | 1    | Hose-Supply, Main      |
| 11:2   | 106-4932    | 1    | Hosebarb-Straight      |
| 11:2:1 | 100-8637    | 1    | O-Ring                 |
| 11:3   | 2412-3      | 1    | Clamp-Hose             |

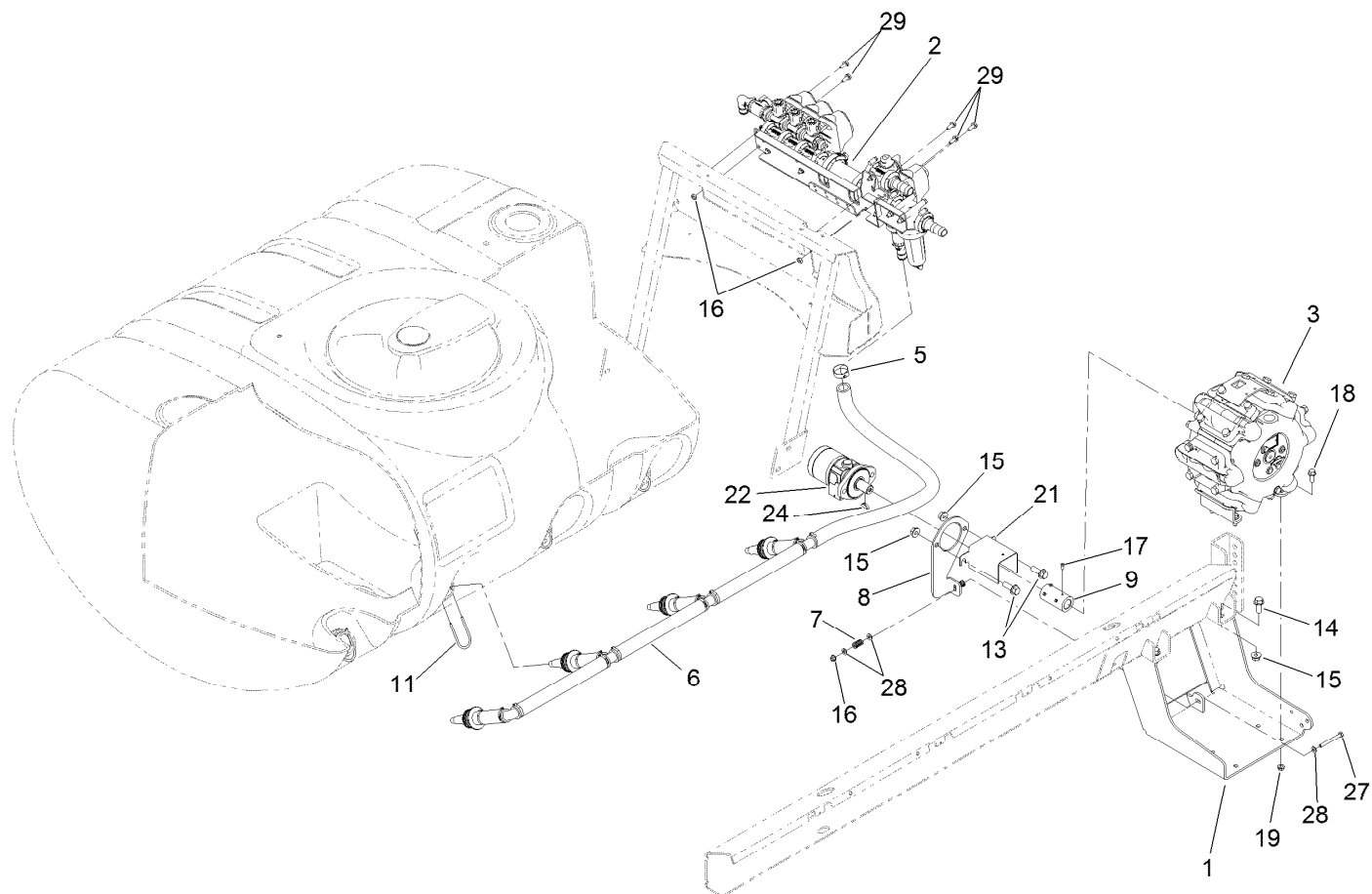
| Ref.   | Part Number | Qty. | Description               |
|--------|-------------|------|---------------------------|
| 12     | 130-7129    | 1    | Agitation Bypass Hose ASM |
| 12:1   | 130-7130    | 1    | Hose-Bypass, Agitation    |
| 12:2   | 106-4933    | 1    | Hosebarb ASM              |
| 12:2:1 | 100-8637    | 1    | O-Ring                    |
| 12:3   | 2412-3      | 1    | Clamp-Hose                |
| 13     | 117-7963    | 1    | Pressure Relief Hose ASM  |
| 13:1   | 117-7958    | 1    | Hose-Pressure Relief      |
| 13:2   | 106-4933    | 2    | Hosebarb ASM              |
| 13:2:1 | 100-8637    | 1    | O-Ring                    |
| 13:3   | 2412-3      | 2    | Clamp-Hose                |
| 13:4   | 106-4932    | 1    | Hosebarb-Straight         |
| 13:4:1 | 100-8637    | 1    | O-Ring                    |
| 14     | 130-7127    | 1    | Upper Suction Hose ASM    |
| 14:1   | 106-4952    | 1    | Hosebarb-90 DEG           |
| 14:1:1 | 100-6989    | 1    | O-Ring                    |
| 14:2   | 117-7982    | 1    | Hosebarb ASM              |
| 14:2:2 | 100-8637    | 1    | O-Ring                    |
| 14:3   | 127-8981    | 1    | Hose-Suction, Upper       |
| 14:5   | 130-7125    | 2    | Clamp, T-Bolt             |
| 15     | 2412-129    | 3    | Clamp-Hose                |
| 16     | 119-0491    | 1    | Hose-Supply               |



## Spray System Hose Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------|
| 17   | 130-7134    | 1    | Hose        |
| 18   | 41327       | 1    | Clamp-Hose  |
| 19   | 127-9769    | 1    | Hose-Supply |

| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------|
| 20   | 3256-61     | 2    | Washer-Flat |
| 21   | 32144-32    | 2    | Screw-PPH   |

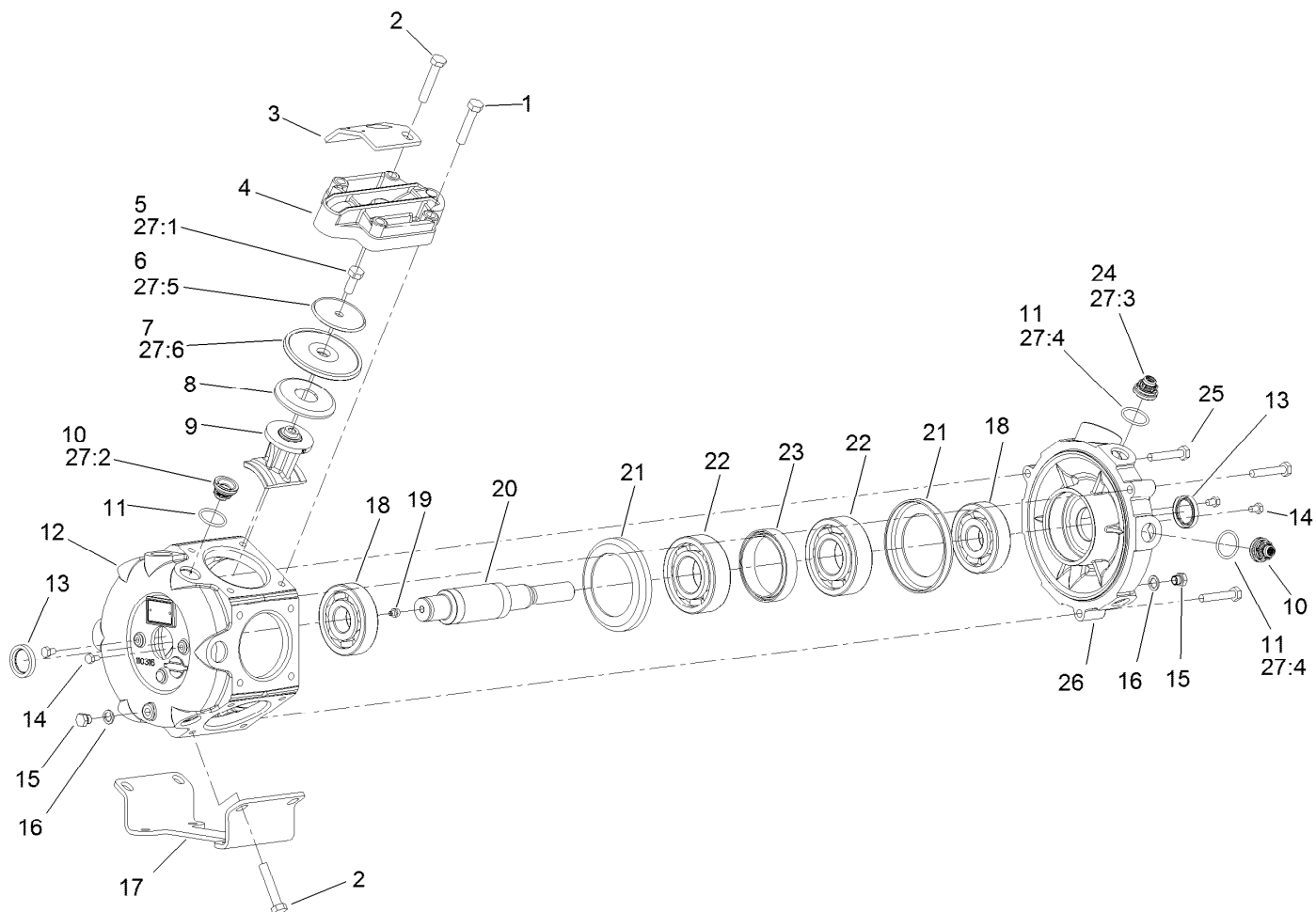


## Spray Pump and Valve Assembly

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 117-0655-03 | 1    | Bracket-Pump         |
| 2    |             | 1    | Spray Manifold ASM ● |
| 3    | 117-0713    | 1    | Pump ASM             |
| 5    | 2412-34     | 1    | Clamp-Hose           |
| 6    | 131-3730    | 1    | Agitation Hose ASM   |
| 7    | 110-5331    | 2    | Spring-Compression   |
| 8    | 117-8040-03 | 1    | Plate-Mount, Motor   |
| 9    | 117-8045    | 1    | Coupler              |
| 11   | 100-8635    | 4    | Fork                 |
| 13   | 100-6116    | 2    | Screw-HHF            |
| 14   | 110-5057    | 4    | Capscrew-HHF         |

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 15   | 108-3745    | 6    | Nut-HHF, Whiz     |
| 16   | 104-8300    | 6    | Nut-HF, NI        |
| 17   | 3241-7      | 4    | Screw-SQH         |
| 18   | 3234-11     | 4    | Screw-HHF         |
| 19   | 3290-357    | 4    | Nut-HSF           |
| 21   | 120-0628-03 | 1    | Guard-Shaft, Pump |
| 22   | 117-0706    | 1    | HYD Motor ASM     |
| 24   | 106-1990    | 1    | Key-Woodruff      |
| 27   | 322-14      | 1    | Screw-HH          |
| 28   | 3256-23     | 5    | Washer-Plain      |
| 29   | 3234-47     | 5    | Screw-HHF         |

● Not serviced separately

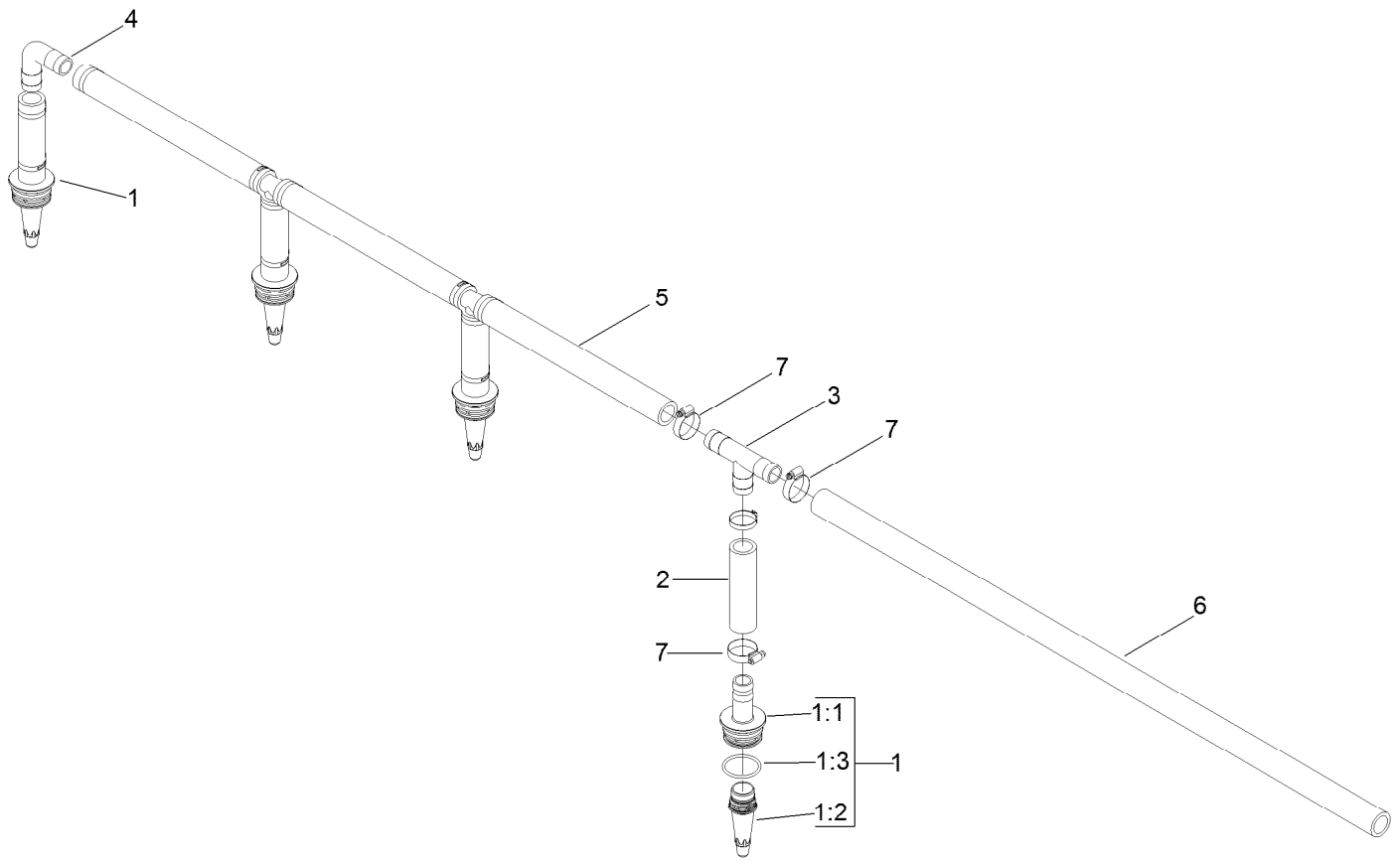


## Pump Assembly No. 117-0713

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    | 120-0773    | 18   | Bolt-Hex                |
| 2    | 120-0774    | 6    | Bolt-Hex                |
| 3    | 120-0775    | 1    | Bracket-Pump            |
| 4    | 120-0776    | 6    | Cover-Valve             |
| 5    | 120-0777    | 6    | Bolt-Hex                |
| 6    | 120-0778    | 6    | Disc-Diaphragm          |
| 7    | 120-0779    | 6    | Diaphragm               |
| 8    | 120-0780    | 6    | Disc-Backing, Diaphragm |
| 9    | 120-0781    | 6    | Rod-Connecting          |
| 10   | 99-0861     | 10   | Valve-Pump              |
| 11   | 100-6651    | 12   | O-Ring                  |
| 12   | 120-0782    | 1    | Casting-Pump            |
| 13   | 120-0783    | 2    | Seal-Oil                |
| 14   | 120-0784    | 4    | Bolt-Hex                |
| 15   | 120-0785    | 2    | Plug                    |
| 16   | 120-0786    | 2    | Seal                    |
| 17   | 120-0787    | 1    | Foot-Pump               |

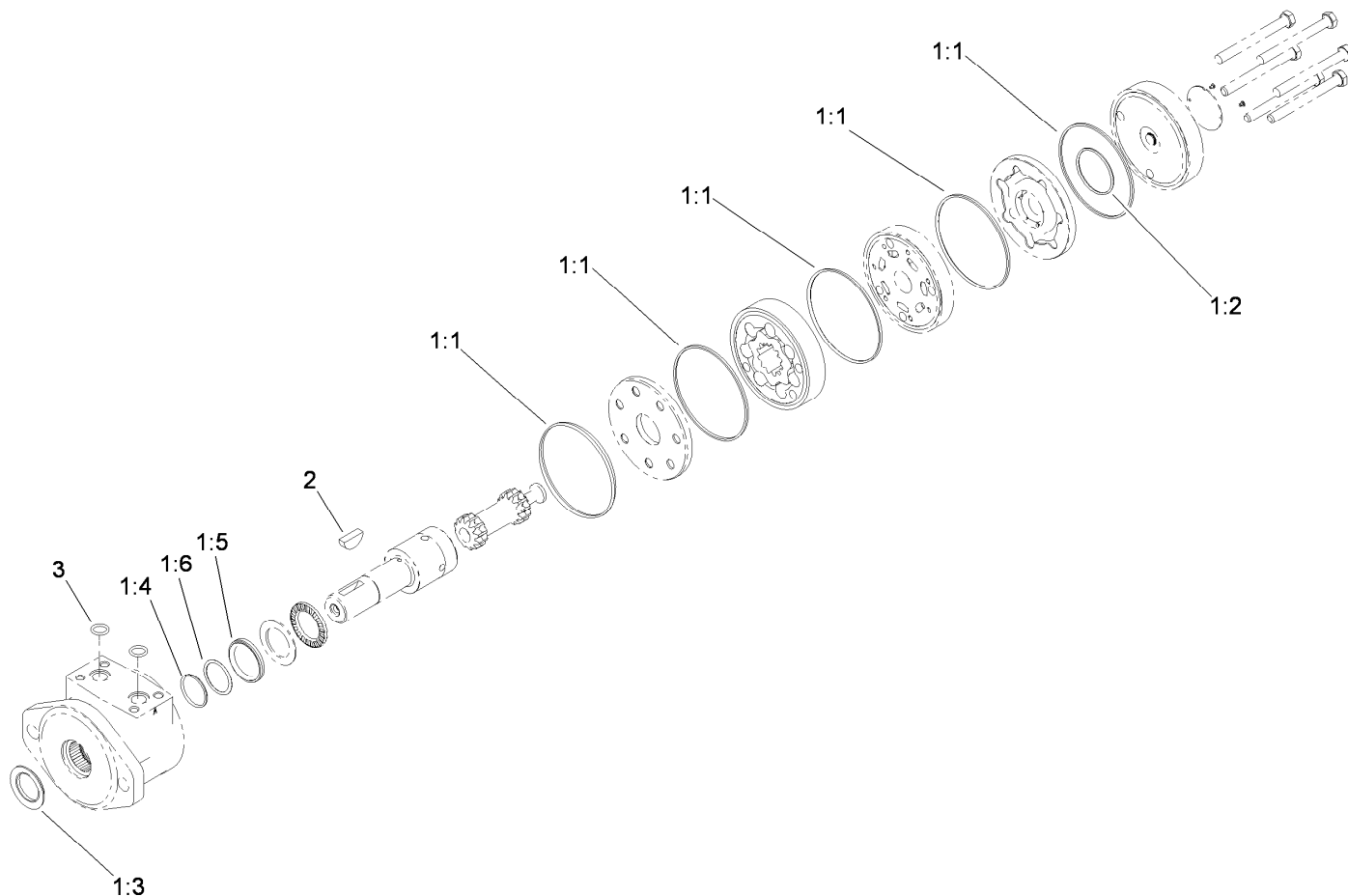
| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 18   | 120-0788    | 2    | Bearing-Ball   |
| 19   | 99-0873     | 1    | Fitting-Grease |
| 20   | 120-0789    | 1    | Shaft-Crank    |
| 21   | 120-0790    | 2    | Spacer-Metal   |
| 22   | 120-0791    | 2    | Bearing-Ball   |
| 23   | 120-0792    | 1    | Spacer         |
| 24   | 120-0793    | 2    | Valve W/Hole   |
| 25   | 120-0794    | 3    | Bolt-Hex       |
| 26   | 120-0795    | 1    | Casting-Pump   |
| 27   | 120-0796    | 1    | Pump Kit ●     |
| 27:1 | 120-0777    | 6    | Bolt-Hex       |
| 27:2 | 99-0861     | 10   | Valve-Pump     |
| 27:3 | 120-0793    | 2    | Valve W/Hole   |
| 27:4 | 100-6651    | 12   | O-Ring         |
| 27:5 | 120-0778    | 6    | Disc-Diaphragm |
| 27:6 | 120-0779    | 6    | Diaphragm      |

● Not illustrated



## Agitation Hose Assembly No. 131-3730

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 131-3731    | 4    | Agitation Nozzle ASM |
| 1:1  | 131-3732    | 1    | Fitting-Barb         |
| 1:2  | 120-8579    | 1    | Nozzle-Agitation     |
| 1:3  | 121-4996    | 1    | O-Ring               |
| 2    | 119-0441    | 4    | Hose-Agitaiton       |
| 3    | 117-7866    | 3    | Tee-Hosebarb         |
| 4    | 117-7867    | 1    | Elbow-Hosebarb       |
| 5    | 117-7862    | 3    | Hose-Main Agitation  |
| 6    | 131-5777    | 1    | Hose-Drain           |
| 7    | 2412-3      | 15   | Clamp-Hose           |

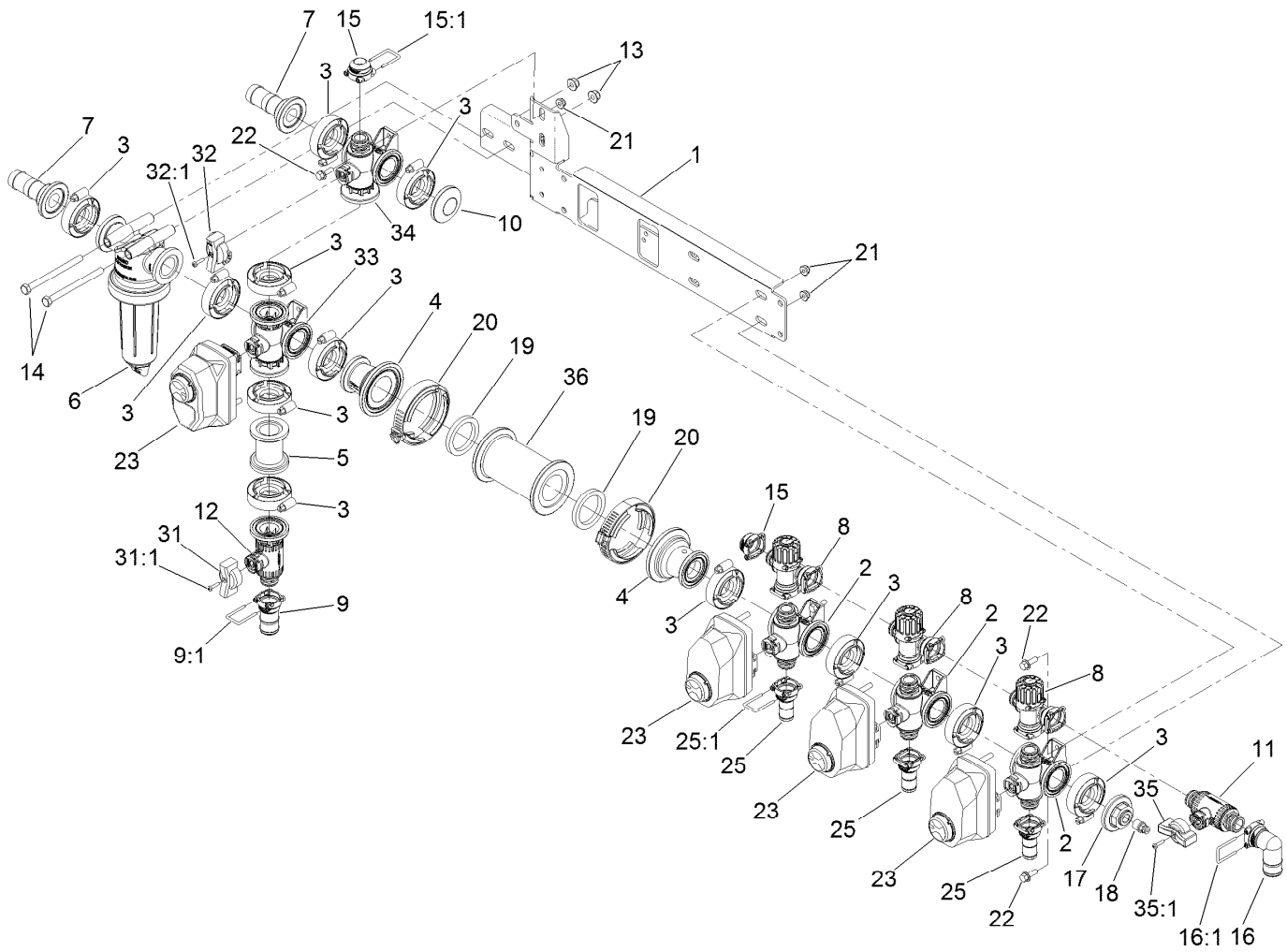


## Hydraulic Motor Assembly No. 117-0706

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 119-0433    | 1    | Wheel Motor Seal Kit ● |
| 1:1  |             | 5    | Seal-Ring ■            |
| 1:2  |             | 1    | Seal-Commutator ■      |
| 1:3  |             | 1    | Seal-Dirt And Water ■  |
| 1:4  |             | 1    | Ring-Backing ■         |
| 1:5  |             | 1    | Seal-Shaft ■           |
| 1:6  |             | 1    | Washer-Backup ■        |
| 2    | 3257-8      | 1    | Key-Woodruff           |
| 3    | 120-0691    | 2    | O-Ring                 |

● Not illustrated

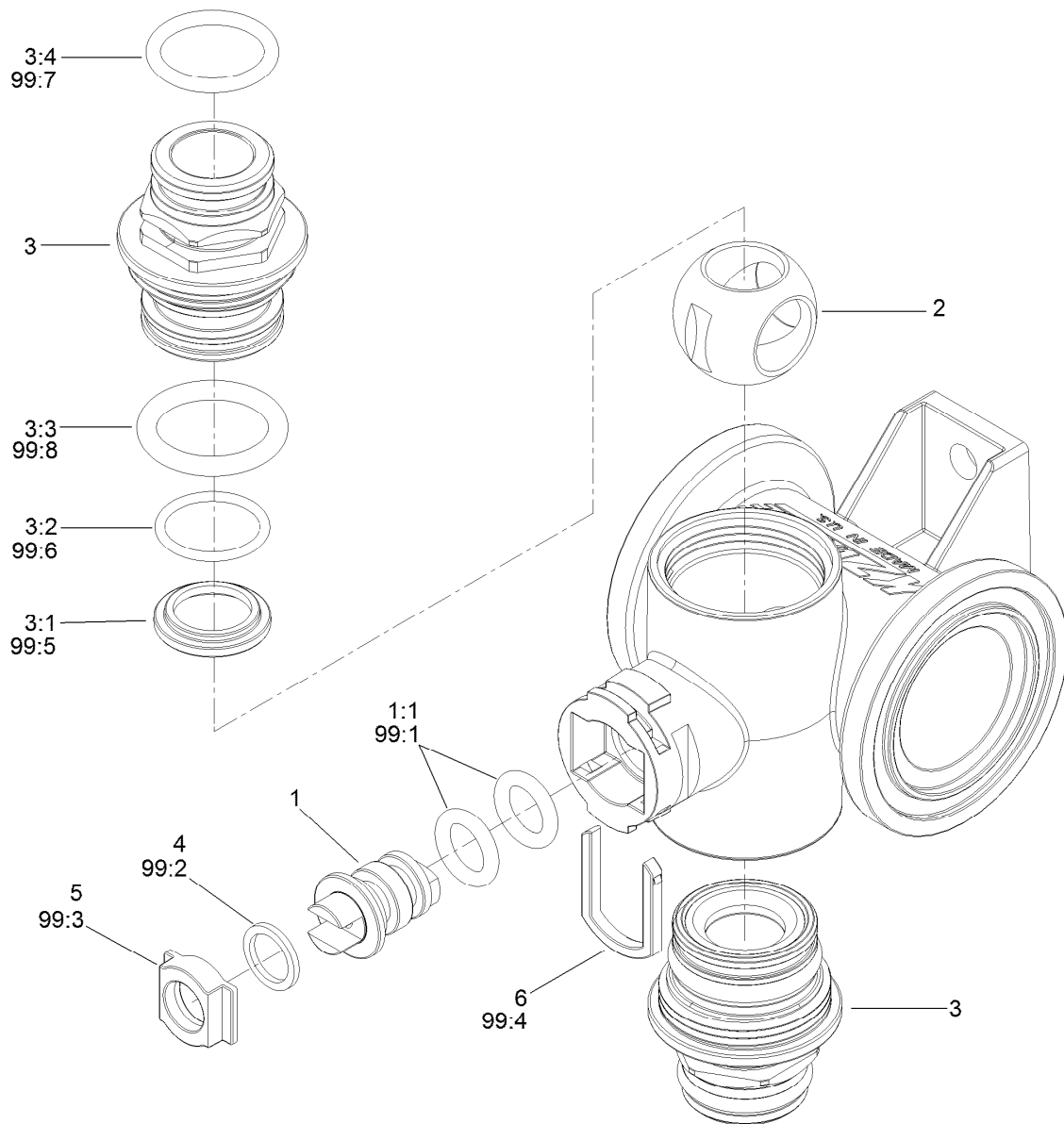
■ Not serviced separately



## Spray Manifold Assembly

| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 1    | 131-3742    | 1    | Mount-Valve               |
| 2    | 127-9803    | 3    | On/Off Manifold Valve Kit |
| 3    | 127-9829    | 12   | Clamp/Gasket Kit          |
| 4    | 127-1144    | 2    | Fitting-Adapter           |
| 5    | 127-9814    | 1    | Fitting-Adapter           |
| 6    | 127-9847    | 1    | Pressure Filter ASM       |
| 7    | 127-1142    | 2    | Fitting-STR               |
| 8    | 127-9805    | 3    | Bypass Valve ASM          |
| 9    | 127-9806    | 1    | Fitting Kit               |
| 9:1  | 127-1175    | 1    | Fork                      |
| 10   | 127-9815    | 1    | Fitting-Cap               |
| 11   | 131-0249    | 1    | On/Off 2-Way Valve Kit    |
| 12   | 131-0250    | 1    | 2-Way Valve On/Off Kit    |
| 13   | 104-8300    | 2    | Nut-HF, NI                |
| 14   | 322-19      | 2    | Screw-HH                  |
| 15   | 127-9811    | 2    | Fitting-Cap, Female       |
| 15:1 | 127-1175    | 1    | Fork                      |
| 16   | 131-0213    | 1    | 90 DEG Barb Fitting Kit   |
| 16:1 | 127-1175    | 1    | Fork                      |
| 17   | 127-1185    | 1    | Fitting-Cap, Port         |

| Ref. | Part Number | Qty. | Description                     |
|------|-------------|------|---------------------------------|
| 18   | 131-3709    | 1    | Coupler                         |
| 19   | 104-9090    | 2    | Gasket                          |
| 20   | 104-9089    | 2    | Clamp-Screw, Worm               |
| 21   | 104-7201    | 6    | Nut-HF, NI                      |
| 22   | 3234-4      | 6    | Screw-HHF                       |
| 23   | 131-3723    | 4    | Actuator On/Off Kit             |
| 25   | 127-9807    | 3    | Straight Fitting Kit            |
| 25:1 | 127-1175    | 1    | Fork                            |
| 31   | 131-0264    | 1    | Agitation Throttling Handle Kit |
| 31:1 | 131-0263    | 1    | Screw-Handle                    |
| 32   | 131-0265    | 1    | Agitation Regulating Handle Kit |
| 32:1 | 131-0263    | 1    | Screw-Handle                    |
| 33   | 131-0248    | 1    | On/Off Manifold Valve Kit       |
| 34   | 131-0253    | 1    | Manifold Valve Kit              |
| 35   | 131-0267    | 1    | Bypass Handle Kit               |
| 35:1 | 131-0263    | 1    | Screw-Handle                    |
| 36   | 131-3739    | 1    | Adapter                         |

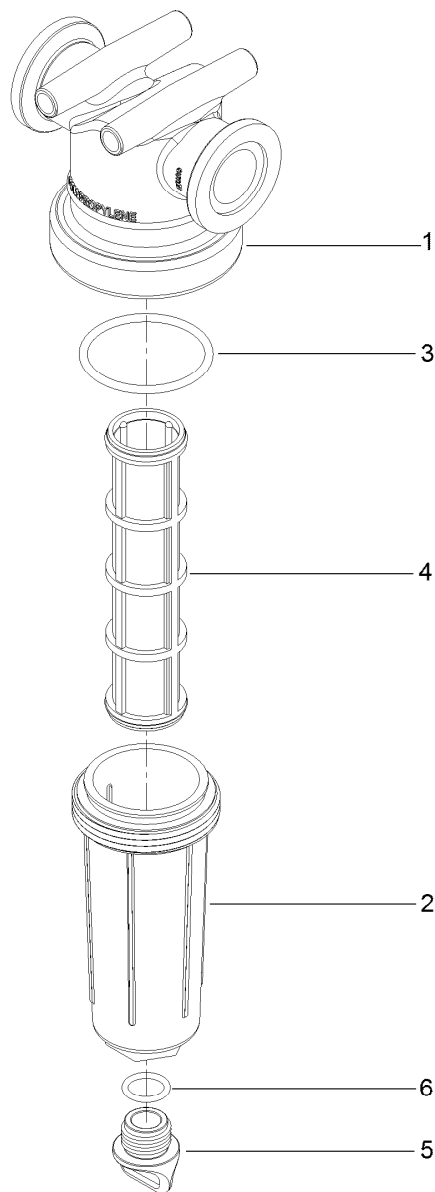


## On/Off Manifold Valve Kit No. 127-9803

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 130-8248    | 1    | Vavle Stem Kit      |
| 1:1  | 127-1197    | 2    | O-Ring-Stem         |
| 2    | 127-1194    | 1    | Ball-Valve, 3Way    |
| 3    | 130-7317    | 2    | Endcap Kit          |
| 3:1  | 127-1192    | 1    | Seat-Ball           |
| 3:2  | 127-1188    | 1    | O-Ring, Seat (Ball) |
| 3:3  | 127-1189    | 1    | O-Ring, Endcap      |
| 3:4  | 127-1187    | 1    | O-Ring, Endcap      |
| 4    | 127-1196    | 1    | Washer-Stem, Valve  |
| 5    | 127-1195    | 1    | Seat-Stem, Valve    |

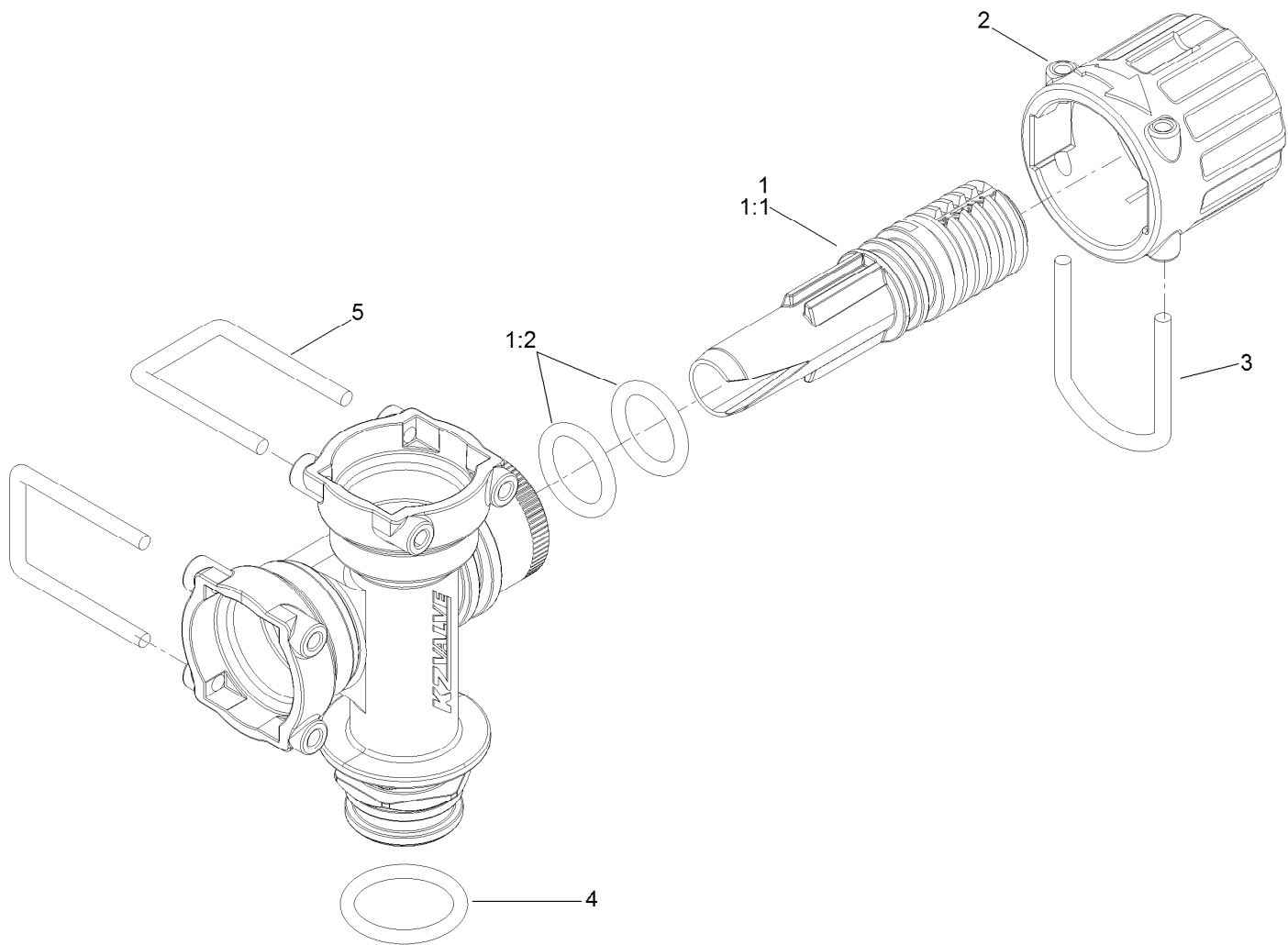
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 6    | 127-1190    | 1    | Fork-Stem, Valve    |
| 99   | 130-7304    | 1    | Valve Repair Kit ●  |
| 99:1 | 127-1197    | 2    | O-Ring-Stem         |
| 99:2 | 127-1196    | 2    | Washer-Stem, Valve  |
| 99:3 | 127-1195    | 1    | Seat-Stem, Valve    |
| 99:4 | 127-1190    | 1    | Fork-Stem, Valve    |
| 99:5 | 127-1192    | 2    | Seat-Ball           |
| 99:6 | 127-1188    | 2    | O-Ring, Seat (Ball) |
| 99:7 | 127-1187    | 2    | O-Ring, Endcap      |
| 99:8 | 127-1189    | 2    | O-Ring, Endcap      |

● Not illustrated



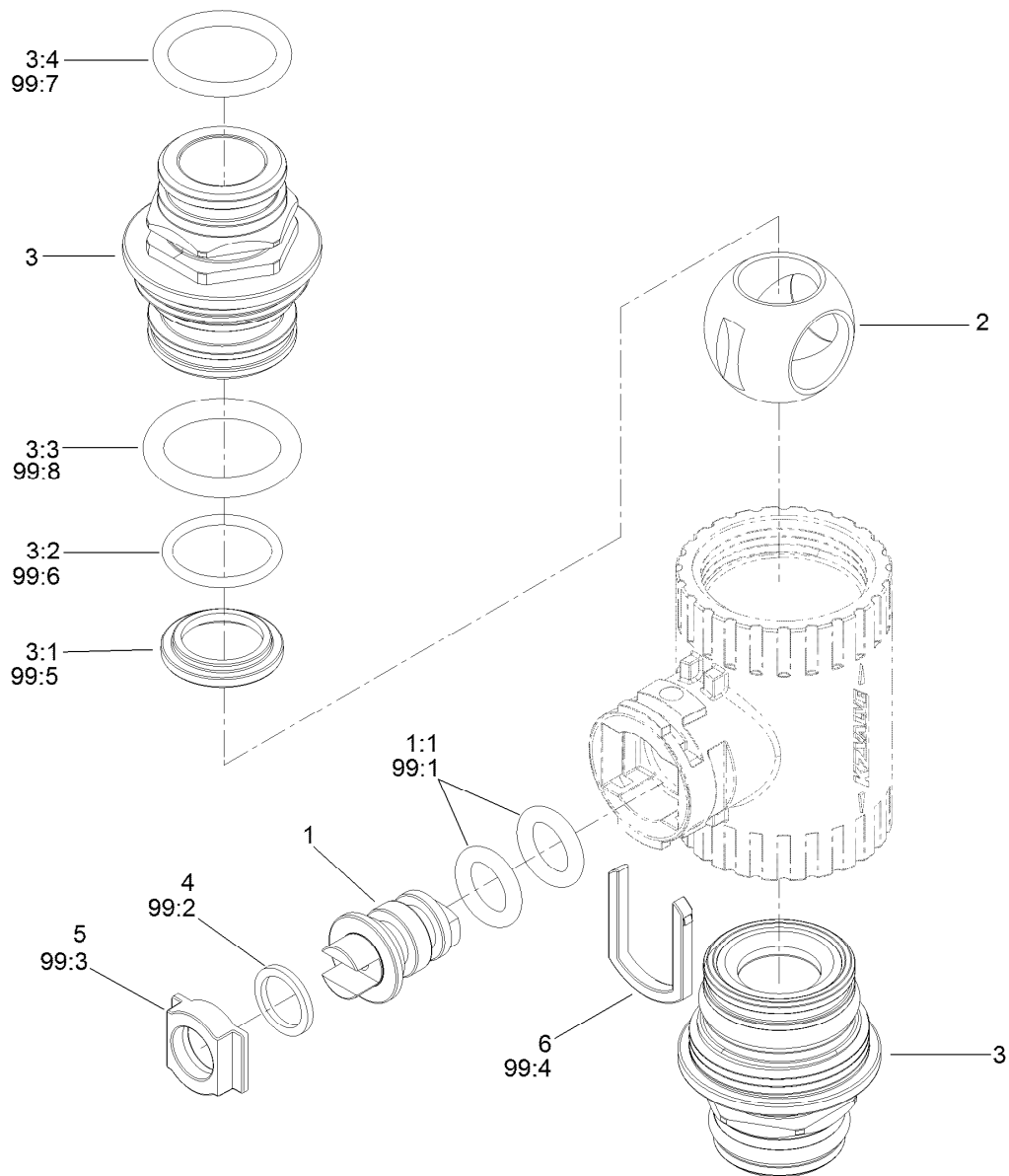
## Pressure Filter Assembly No. 127-9847

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>      |
|-------------|--------------------|-------------|-------------------------|
| 1           | 131-0206           | 1           | Head-Filter,            |
| 2           | 131-0203           | 1           | Cup-Filter              |
| 3           | 131-0207           | 1           | Oring-Filter, Cup       |
| 4           | 131-0212           | 1           | Screen-Filter, 16 Mesh  |
| 4           | 131-0211           | 1           | Screen-Filter, 30 Mesh  |
| 4           | 131-0210           | 1           | Screen-Filter, 50 Mesh  |
| 4           | 131-0208           | 1           | Screen-Filter, 100 Mesh |
| 4           | 131-0209           | 1           | Screen-Filter, 80 Mesh  |
| 5           | 131-0204           | 1           | Plug-Filter             |
| 6           | 131-0205           | 1           | Oring-Filter, Plug      |



## Bypass Valve Assembly No. 127-9805

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 131-0298    | 1    | Bypass Needle Kit    |
| 1:1  | 127-1182    | 1    | Needle-Bypass        |
| 1:2  | 127-1181    | 2    | O-ring-Bypass Needle |
| 2    | 127-1180    | 1    | Knob-Bypass          |
| 3    | 127-1179    | 1    | Fork-Bypass Knob     |
| 4    | 127-1187    | 1    | O-Ring, Endcap       |
| 5    | 127-1175    | 2    | Fork                 |

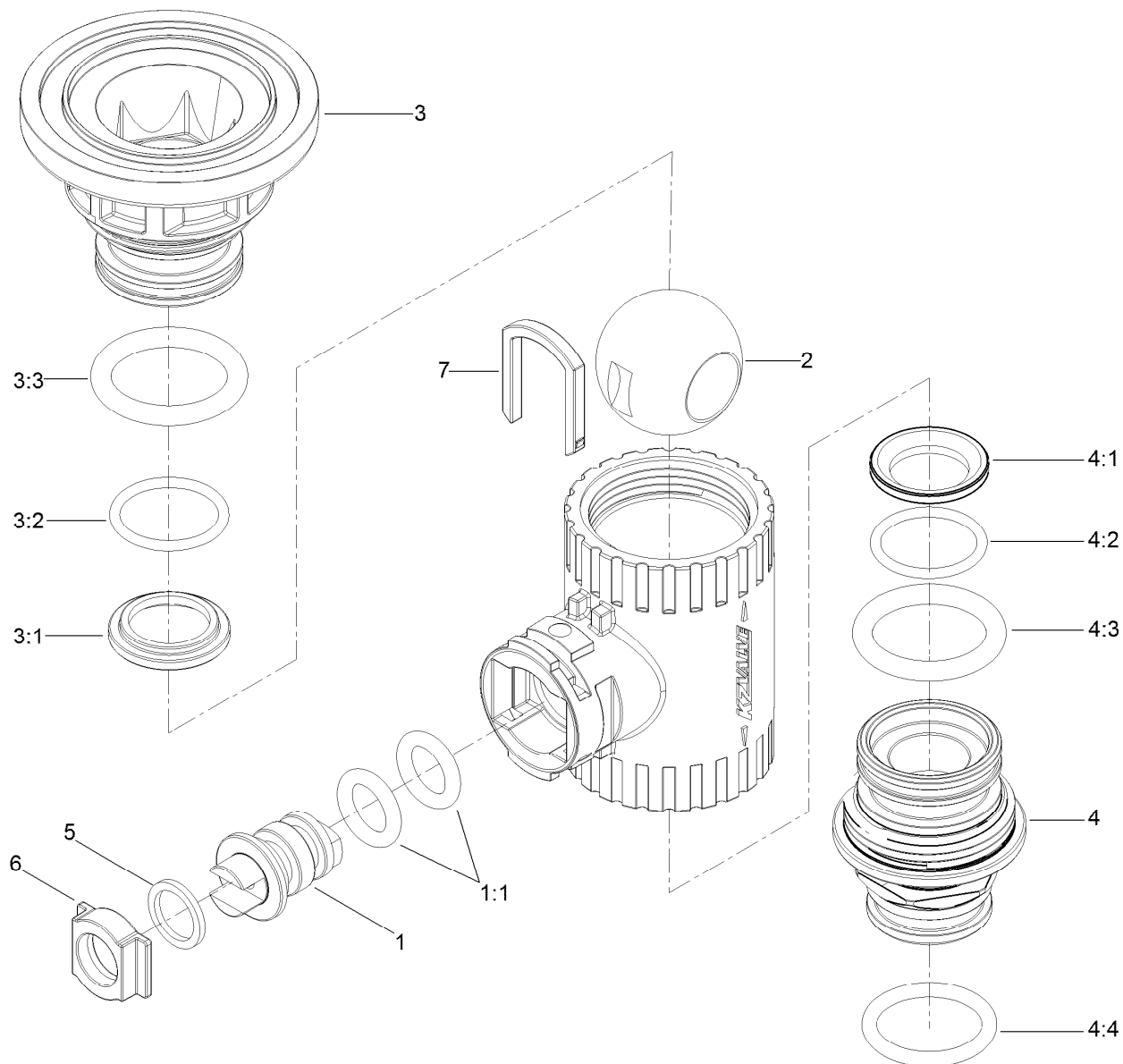


## On/Off 2-Way Valve Kit No. 131-0249

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 130-8248    | 1    | Vavle Stem Kit      |
| 1:1  | 127-1197    | 2    | O-Ring-Stem         |
| 2    | 131-0252    | 1    | Ball-2-Way          |
| 3    | 130-7317    | 2    | Endcap Kit          |
| 3:1  | 127-1192    | 1    | Seat-Ball           |
| 3:2  | 127-1188    | 1    | O-Ring, Seat (Ball) |
| 3:3  | 127-1189    | 1    | O-Ring, Endcap      |
| 3:4  | 127-1187    | 1    | O-Ring, Endcap      |
| 4    | 127-1196    | 1    | Washer-Stem, Valve  |
| 5    | 127-1195    | 1    | Seat-Stem, Valve    |

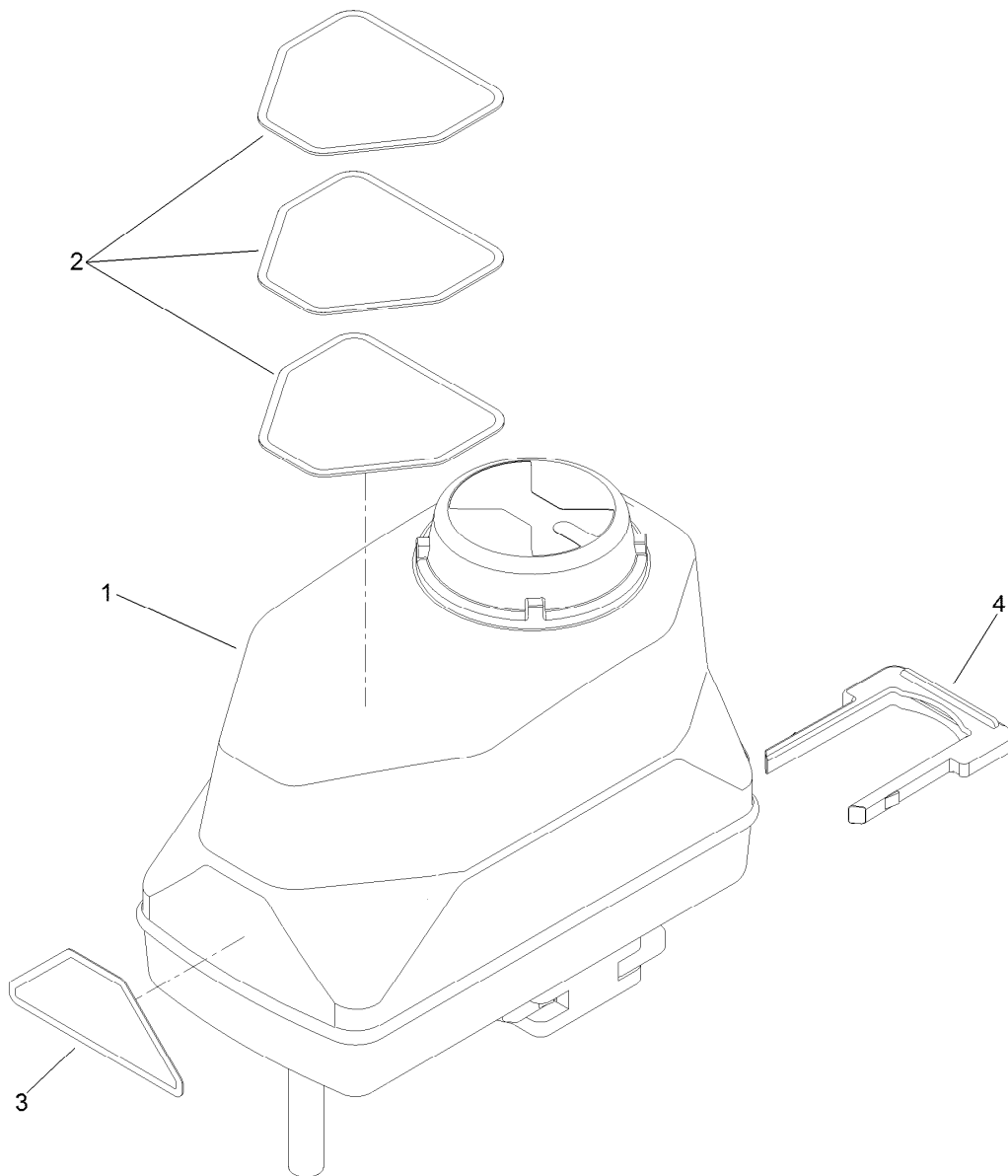
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 6    | 127-1190    | 1    | Fork-Stem, Valve    |
| 99   | 130-7304    | 1    | Valve Repair Kit ●  |
| 99:1 | 127-1197    | 2    | O-Ring-Stem         |
| 99:2 | 127-1196    | 2    | Washer-Stem, Valve  |
| 99:3 | 127-1195    | 1    | Seat-Stem, Valve    |
| 99:4 | 127-1190    | 1    | Fork-Stem, Valve    |
| 99:5 | 127-1192    | 2    | Seat-Ball           |
| 99:6 | 127-1188    | 2    | O-Ring, Seat (Ball) |
| 99:7 | 127-1187    | 2    | O-Ring, Endcap      |
| 99:8 | 127-1189    | 2    | O-Ring, Endcap      |

● Not illustrated



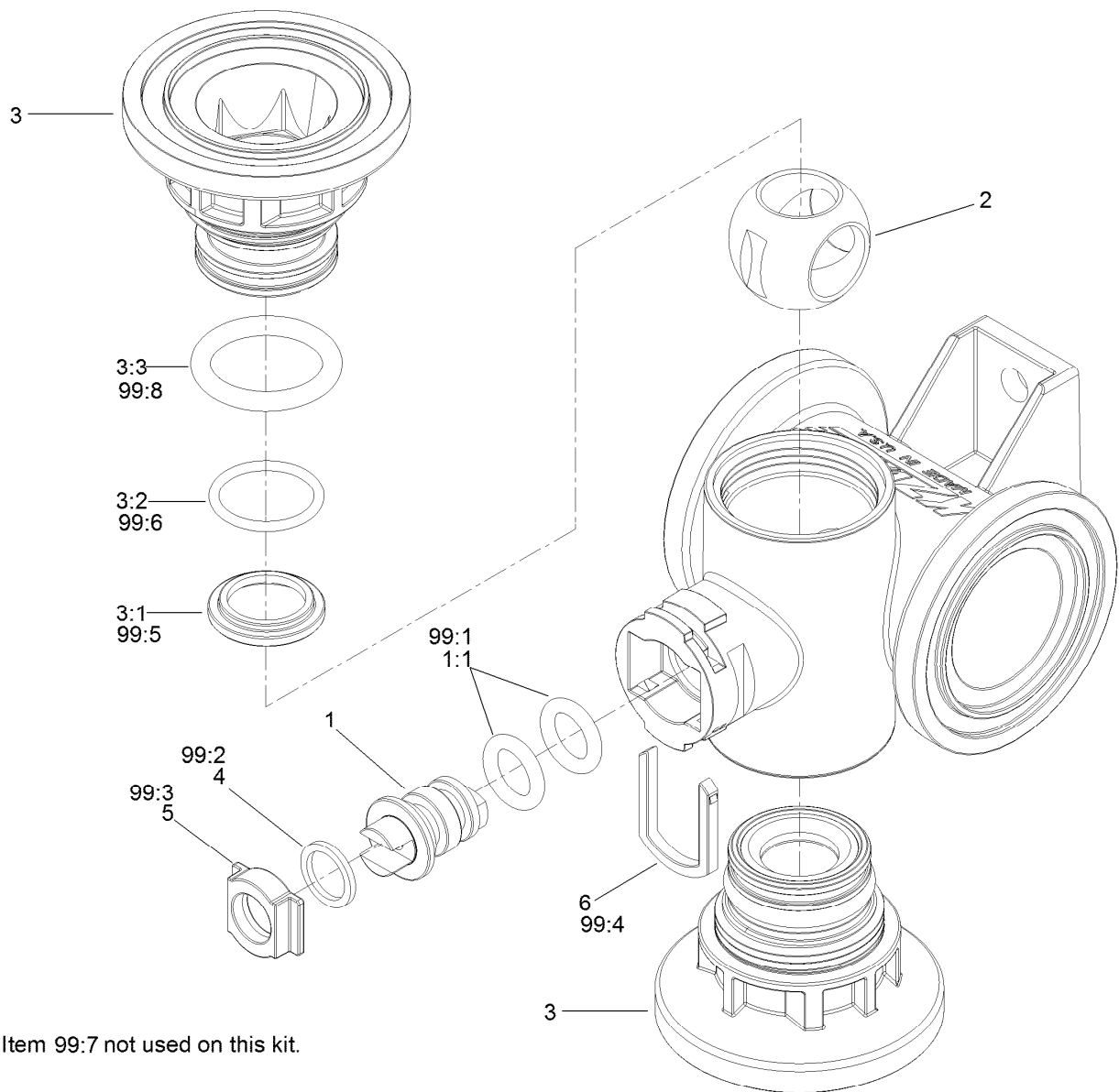
## 2 Way Valve On/Off Assembly No. 131-0250

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 130-8248    | 1    | Vavle Stem Kit      |
| 1:1  | 127-1197    | 2    | O-Ring-Stem         |
| 2    | 131-0252    | 1    | Ball-2-Way          |
| 3    | 130-8249    | 1    | Endcap Kit          |
| 3:1  | 127-1192    | 1    | Seat-Ball           |
| 3:2  | 127-1188    | 1    | O-Ring, Seat (Ball) |
| 3:3  | 127-1189    | 1    | O-Ring, Endcap      |
| 4    | 130-7317    | 1    | Endcap Kit          |
| 4:1  | 127-1192    | 1    | Seat-Ball           |
| 4:2  | 127-1188    | 1    | O-Ring, Seat (Ball) |
| 4:3  | 127-1189    | 1    | O-Ring, Endcap      |
| 4:4  | 127-1187    | 1    | O-Ring, Endcap      |
| 5    | 127-1196    | 1    | Washer-Stem, Valve  |
| 6    | 127-1195    | 1    | Seat-Stem, Valve    |
| 7    | 127-1190    | 1    | Fork-Stem, Valve    |



## Actuator On/Off Kit No. 131-3723

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    | 127-9801    | 1    | Actuator-On/Off            |
| 2    | 127-6979    | 1    | Decal-Valve, Agitation     |
| 2    | 127-6981    | 1    | Decal-Valve, On/Off        |
| 2    | 127-6982    | 1    | Decal-Valve, Master Boom   |
| 3    | 127-6976    | 1    | Decal-Valve, Bypass Adjust |
| 4    | 130-7301    | 1    | Hairpin-Actuator           |

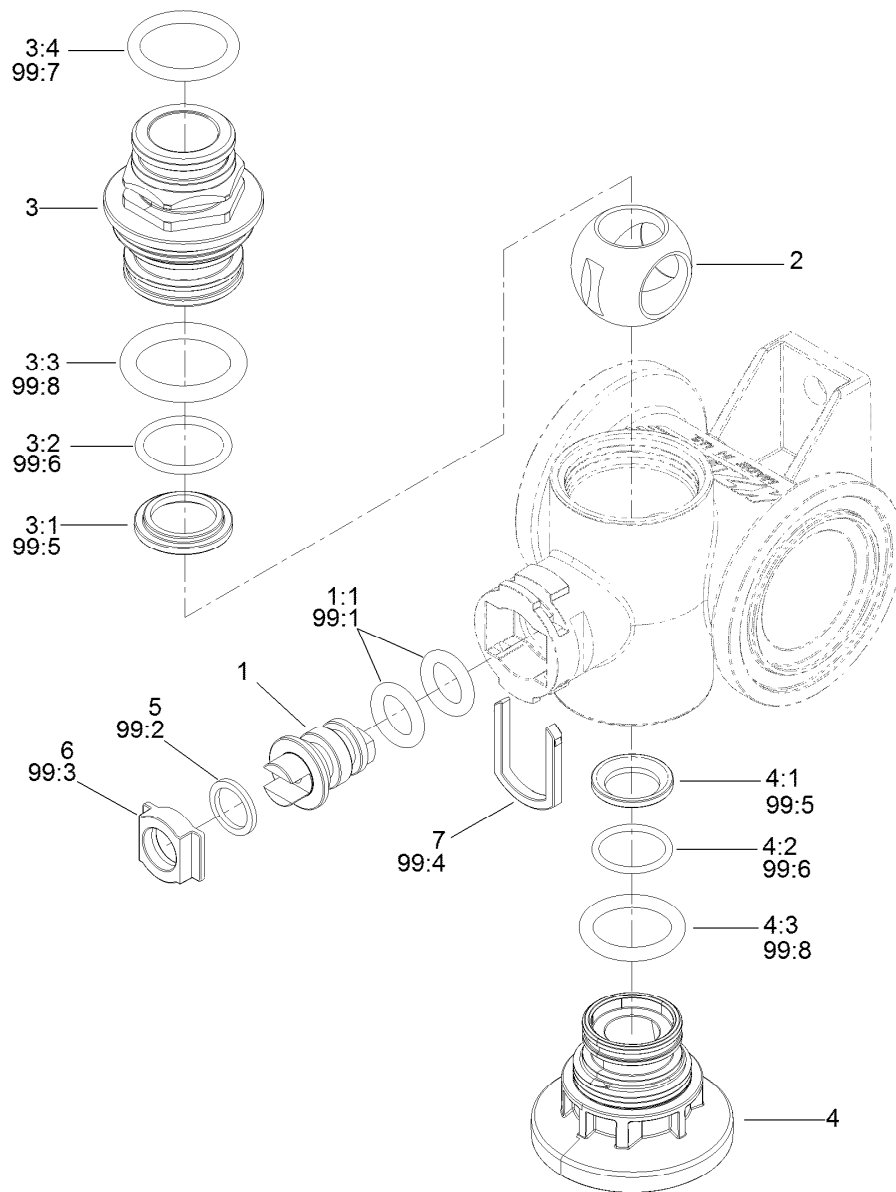


## On/Off Manifold Valve Kit No. 131-0248

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 130-8248    | 1    | Valve Stem Kit      |
| 1:1  | 127-1197    | 2    | O-Ring-Stem         |
| 2    | 127-1194    | 1    | Ball-Valve, 3Way    |
| 3    | 130-8249    | 2    | Endcap Kit          |
| 3:1  | 127-1192    | 1    | Seat-Ball           |
| 3:2  | 127-1188    | 1    | O-Ring, Seat (Ball) |
| 3:3  | 127-1189    | 1    | O-Ring, Endcap      |
| 4    | 127-1196    | 1    | Washer-Stem, Valve  |
| 5    | 127-1195    | 1    | Seat-Stem, Valve    |
| 6    | 127-1190    | 1    | Fork-Stem, Valve    |

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 99   | 130-7304    | 1    | Valve Repair Kit ●  |
| 99:1 | 127-1197    | 2    | O-Ring-Stem         |
| 99:2 | 127-1196    | 2    | Washer-Stem, Valve  |
| 99:3 | 127-1195    | 1    | Seat-Stem, Valve    |
| 99:4 | 127-1190    | 1    | Fork-Stem, Valve    |
| 99:5 | 127-1192    | 2    | Seat-Ball           |
| 99:6 | 127-1188    | 2    | O-Ring, Seat (Ball) |
| 99:7 | 127-1187    | 2    | O-Ring, Endcap      |
| 99:8 | 127-1189    | 2    | O-Ring, Endcap      |

● Not illustrated

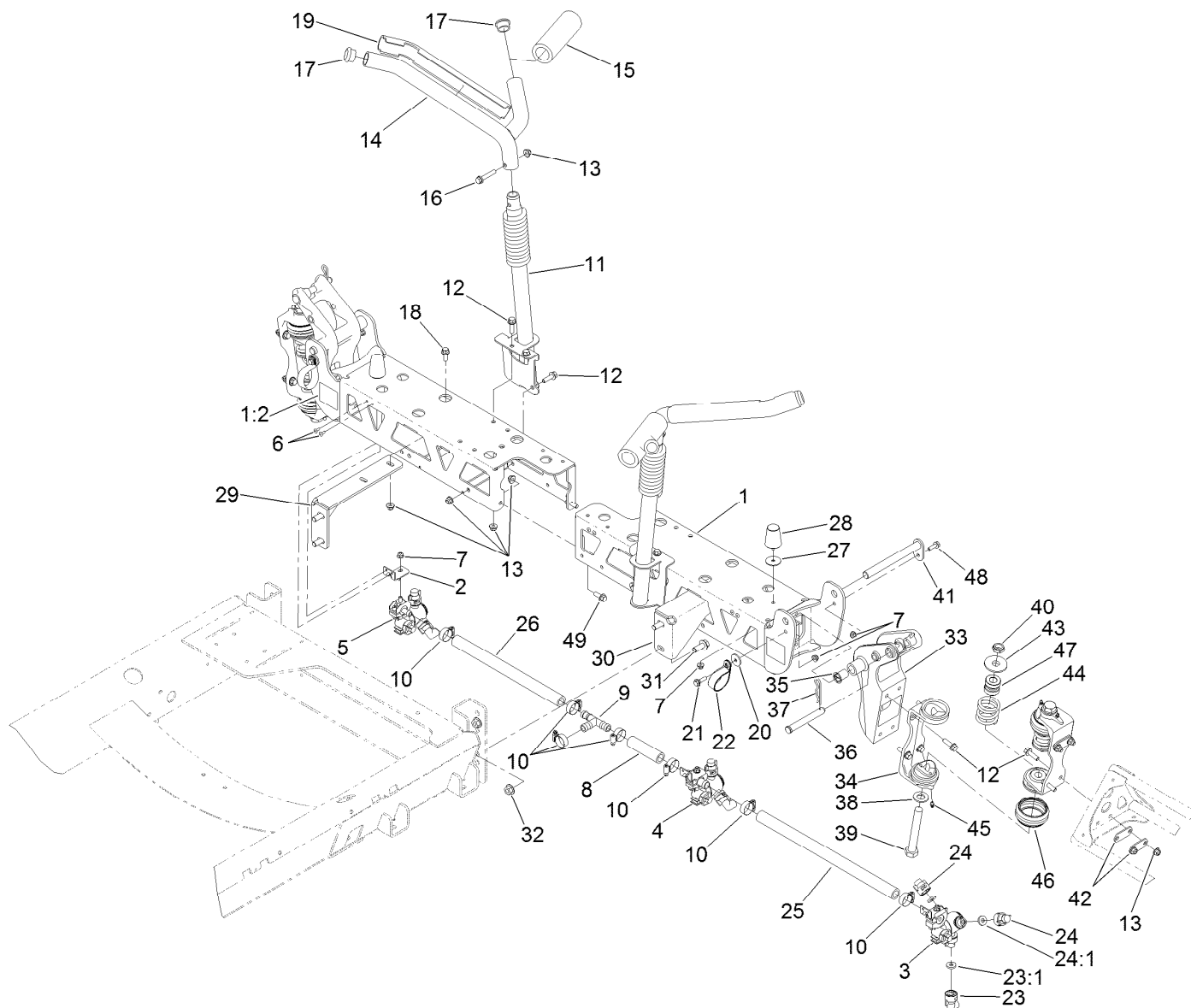


## Manifold Valve Kit No. 131-0253

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 130-8248    | 1    | Valve Stem Kit      |
| 1:1  | 127-1197    | 2    | O-Ring-Stem         |
| 2    | 127-1113    | 1    | Ball-V              |
| 3    | 130-7317    | 1    | Endcap Kit          |
| 3:1  | 127-1192    | 1    | Seat-Ball           |
| 3:2  | 127-1188    | 1    | O-Ring, Seat (Ball) |
| 3:3  | 127-1189    | 1    | O-Ring, Endcap      |
| 3:4  | 127-1187    | 1    | O-Ring, Endcap      |
| 4    | 130-8249    | 1    | Endcap Kit          |
| 4:1  | 127-1192    | 1    | Seat-Ball           |
| 4:2  | 127-1188    | 1    | O-Ring, Seat (Ball) |
| 4:3  | 127-1189    | 1    | O-Ring, Endcap      |

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 5    | 127-1196    | 1    | Washer-Stem, Valve  |
| 6    | 127-1195    | 1    | Seat-Stem, Valve    |
| 7    | 127-1190    | 1    | Fork-Stem, Valve    |
| 99   | 130-7304    | 1    | Valve Repair Kit ●  |
| 99:1 | 127-1197    | 2    | O-Ring-Stem         |
| 99:2 | 127-1196    | 2    | Washer-Stem, Valve  |
| 99:3 | 127-1195    | 1    | Seat-Stem, Valve    |
| 99:4 | 127-1190    | 1    | Fork-Stem, Valve    |
| 99:5 | 127-1192    | 2    | Seat-Ball           |
| 99:6 | 127-1188    | 2    | O-Ring, Seat (Ball) |
| 99:7 | 127-1187    | 2    | O-Ring, Endcap      |
| 99:8 | 127-1189    | 2    | O-Ring, Endcap      |

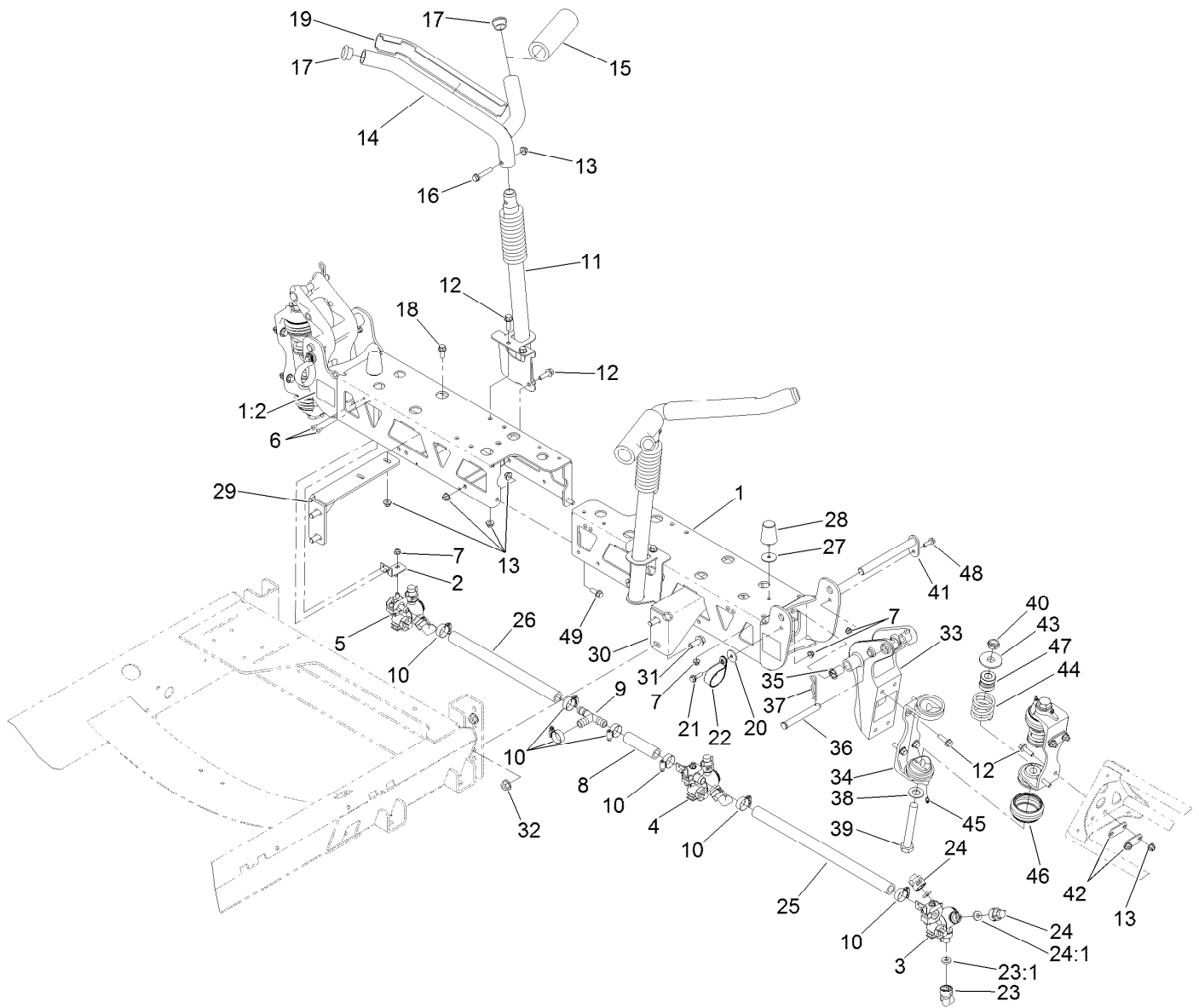
● Not illustrated



## Center Boom Assembly

| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 1    | 131-3752    | 2    | Boom-Outside                |
| 1:2  | 120-0617    | 2    | Decal-Warning, Pinch, Crush |
| 2    | 107-8775-03 | 3    | Bracket-Nozzle Mount        |
| 3    | 108-3725    | 1    | LH Single Body Turret ASM   |
| 4    | 108-3727    | 1    | Double Turret Body ASM      |
| 5    | 108-3726    | 1    | RH Single Body Turret ASM   |
| 6    | 114439      | 6    | Rivet-Blind                 |
| 7    | 104-8300    | 9    | Nut-HF, NI                  |
| 8    | 108-3717    | 1    | Hose-Boom                   |
| 9    | 108-3439    | 1    | Tee                         |
| 10   | 2412-129    | 7    | Clamp-Hose                  |
| 11   | 130-8238-03 | 2    | Lower Cradle ASM            |
| 12   | 110-5050    | 22   | Screw-HHF                   |
| 13   | 104-8301    | 30   | Nut-HF, NI                  |
| 14   | 108-3476-03 | 2    | Cradle-Upper                |
| 15   | 108-3457    | 2    | Spacer                      |
| 16   | 108-3742    | 2    | Screw-HHF                   |
| 17   | 108-3489    | 4    | Cap-Tube                    |
| 18   | 110-5052    | 4    | Screw-HHF                   |
| 19   | 108-3495    | 2    | Cover-Slide                 |

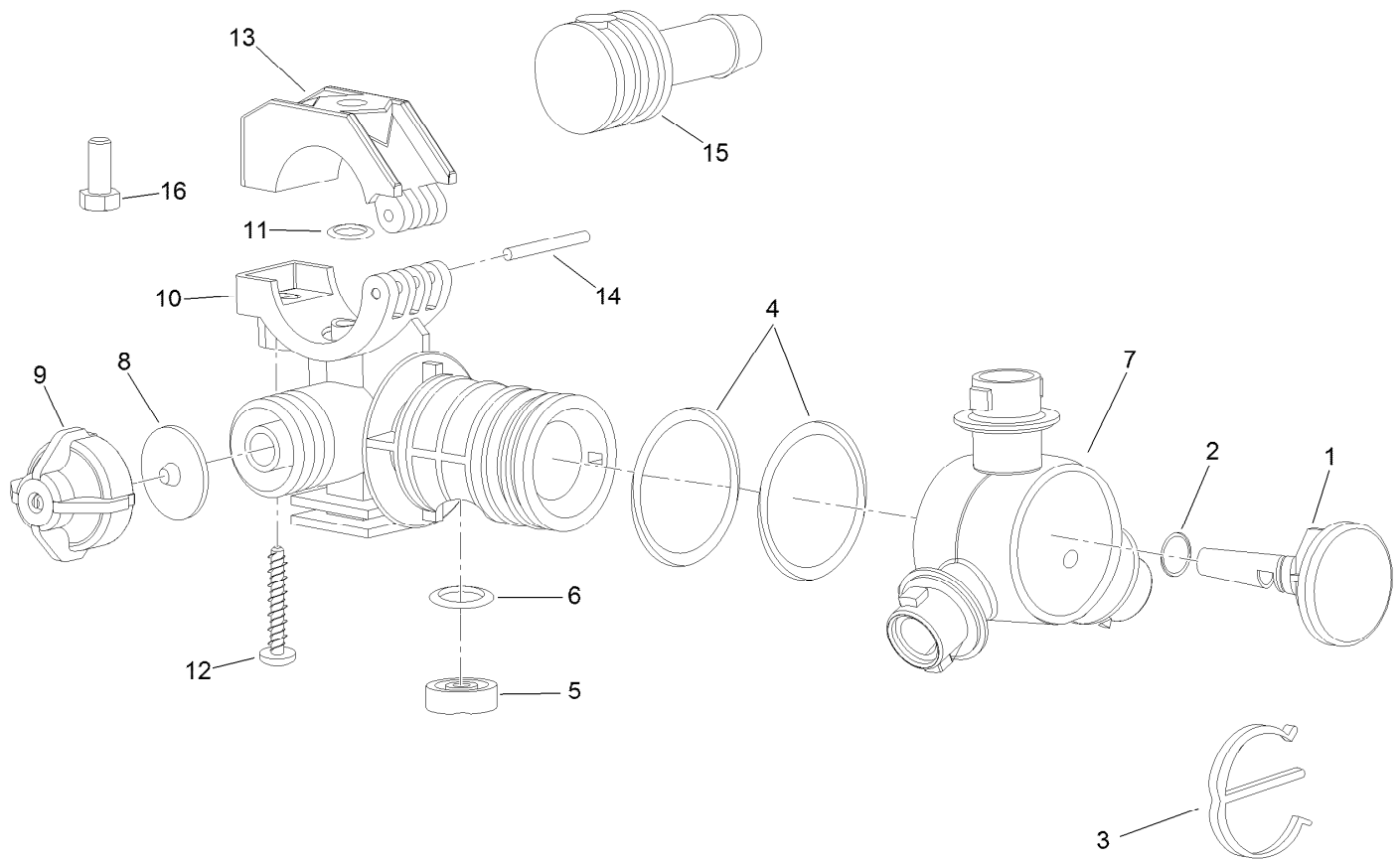
| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 20   | 108-3743    | 2    | Washer                 |
| 21   | 108-3744    | 2    | Screw-Shoulder         |
| 22   | 114-9566    | 2    | Clamp-R                |
| 23   | 95-9186     | 3    | Cap                    |
| 23:1 | 40998       | 1    | Seat-Gasket            |
| 24   | 95-9187     | 6    | Cap-Blank              |
| 24:1 | 40998       | 1    | Seat-Gasket            |
| 25   | 108-3735    | 1    | Hose-Boom, Center (LH) |
| 26   | 108-3718    | 1    | Hose-Boom, Center (RH) |
| 27   | 3256-68     | 2    | Washer-Flat            |
| 28   | 110-5070    | 2    | Bumper                 |
| 29   | 127-8955-03 | 1    | Mount-Boom             |
| 30   | 127-8956-03 | 1    | Mount-Boom             |
| 31   | 110-5057    | 4    | Capscrew-HHF           |
| 32   | 108-3745    | 4    | Nut-HHF, Whiz          |
| 33   | 119-4993-03 | 2    | Bracket-Pivot          |
| 34   | 108-3471-03 | 4    | Hinge                  |
| 35   | 100-8541    | 4    | Bushing-A Arm          |
| 36   | 108-3436    | 2    | Pin-Clevis             |
| 37   | 3290-468    | 2    | Pin-Cotter             |
| 38   | 110-5054    | 4    | Washer-Flat            |



## Center Boom Assembly (continued)

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 39   | 108-3738    | 4    | Screw-HH               |
| 40   | 3296-15     | 4    | Nut-Lock, NI           |
| 41   | 108-3419    | 2    | Pivot Pin ASM          |
| 42   | 108-3605    | 8    | Plate-Backing          |
| 43   | 108-3444    | 4    | Retainer-Spring        |
| 44   | 108-3440    | 4    | Spring-Breakaway, Boom |

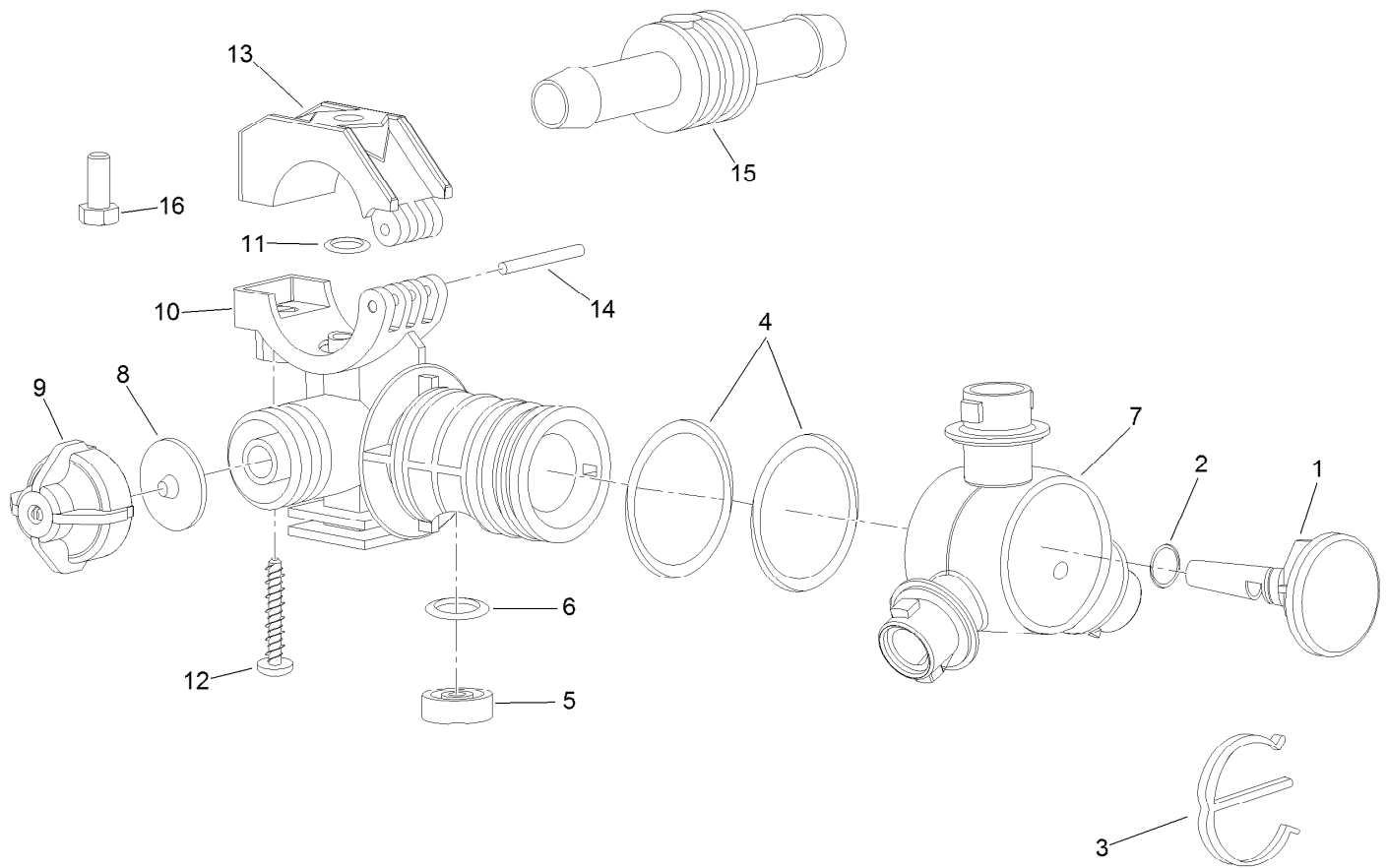
| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 45   | 302-5       | 8    | Fitting-Grease |
| 46   | 108-3459    | 4    | Boot-Hinge     |
| 47   | 120-8541    | 4    | Dampener-Hinge |
| 48   | 108-3748    | 2    | Screw-HHF      |
| 49   | 3234-42     | 2    | Screw-HHF      |



## LH Single Turret Body Assembly No. 108-3725

| Ref. | Part Number | Qty. | Description  |
|------|-------------|------|--------------|
| 1    | 95-9200     | 1    | Plug         |
| 2    | 95-9198     | 1    | O-Ring       |
| 3    | 95-9197     | 1    | E-Clip       |
| 4    | 95-9199     | 2    | O-Ring       |
| 5    | 108-3264    | 1    | Seal-Viton   |
| 6    | 108-3265    | 1    | O-Ring-Viton |
| 7    | 95-9196     | 1    | Turret       |
| 8    | 41003       | 1    | Diaphragm    |

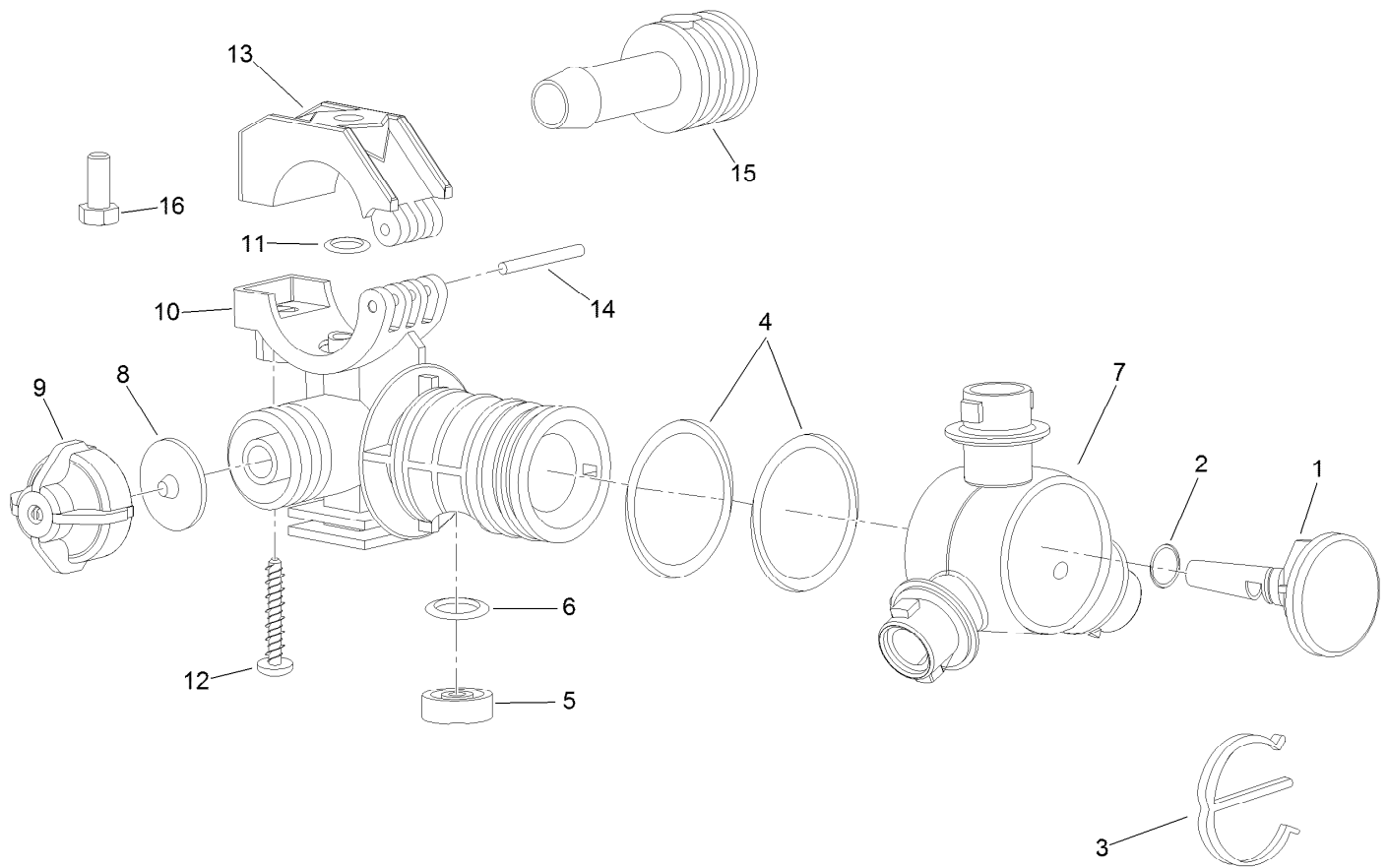
| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 9    | 95-9193     | 1    | Cap-Diaphragm     |
| 10   | 95-9192     | 1    | Body-Split Eyelet |
| 11   | 95-9191     | 1    | O-Ring            |
| 12   | 99-0811     | 1    | Screw-Clamp       |
| 13   | 99-0812     | 1    | Clamp-Upper       |
| 14   | 99-0814     | 1    | Pin-Pivot         |
| 15   | 95-9201     | 1    | Shank-Hose        |
| 16   | 322-3       | 1    | Screw-HH          |



## Double Turret Body Assembly No. 108-3727

| Ref. | Part Number | Qty. | Description  |
|------|-------------|------|--------------|
| 1    | 95-9200     | 1    | Plug         |
| 2    | 95-9198     | 1    | O-Ring       |
| 3    | 95-9197     | 1    | E-Clip       |
| 4    | 95-9199     | 2    | O-Ring       |
| 5    | 108-3264    | 1    | Seal-Viton   |
| 6    | 108-3265    | 1    | O-Ring-Viton |
| 7    | 95-9196     | 1    | Turret       |
| 8    | 41003       | 1    | Diaphragm    |

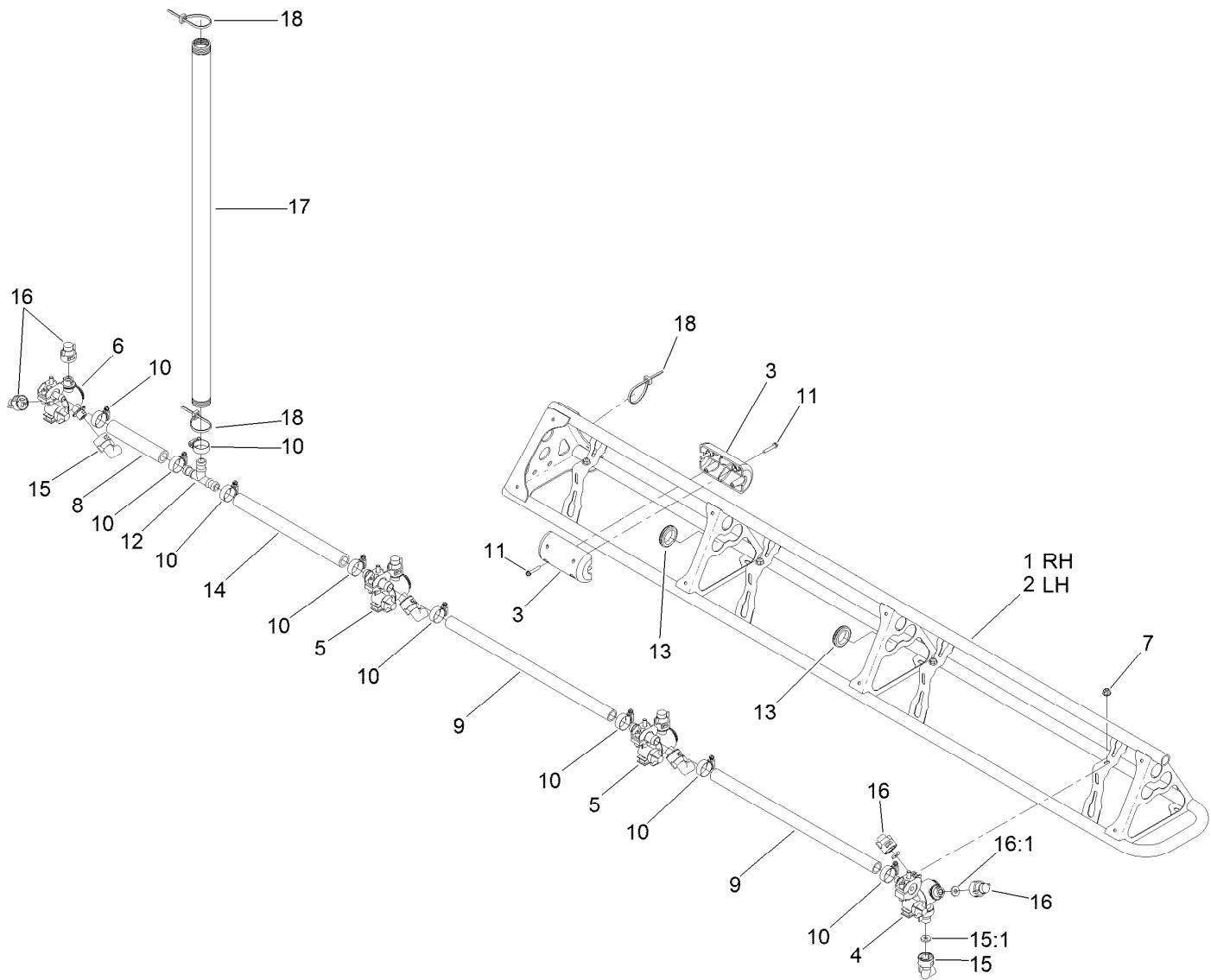
| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 9    | 95-9193     | 1    | Cap-Diaphragm     |
| 10   | 95-9192     | 1    | Body-Split Eyelet |
| 11   | 95-9191     | 1    | O-Ring            |
| 12   | 99-0811     | 1    | Screw-Clamp       |
| 13   | 99-0812     | 1    | Clamp-Upper       |
| 14   | 99-0814     | 1    | Pin-Pivot         |
| 15   | 95-9202     | 1    | Shank-Hose        |
| 16   | 322-3       | 1    | Screw-HH          |



## RH Single Body Turret Assembly No. 108-3726

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 95-9200            | 1           | Plug               |
| 2           | 95-9198            | 1           | O-Ring             |
| 3           | 95-9197            | 1           | E-Clip             |
| 4           | 95-9199            | 2           | O-Ring             |
| 5           | 108-3264           | 1           | Seal-Viton         |
| 6           | 108-3265           | 1           | O-Ring-Viton       |
| 7           | 95-9196            | 1           | Turret             |
| 8           | 41003              | 1           | Diaphragm          |

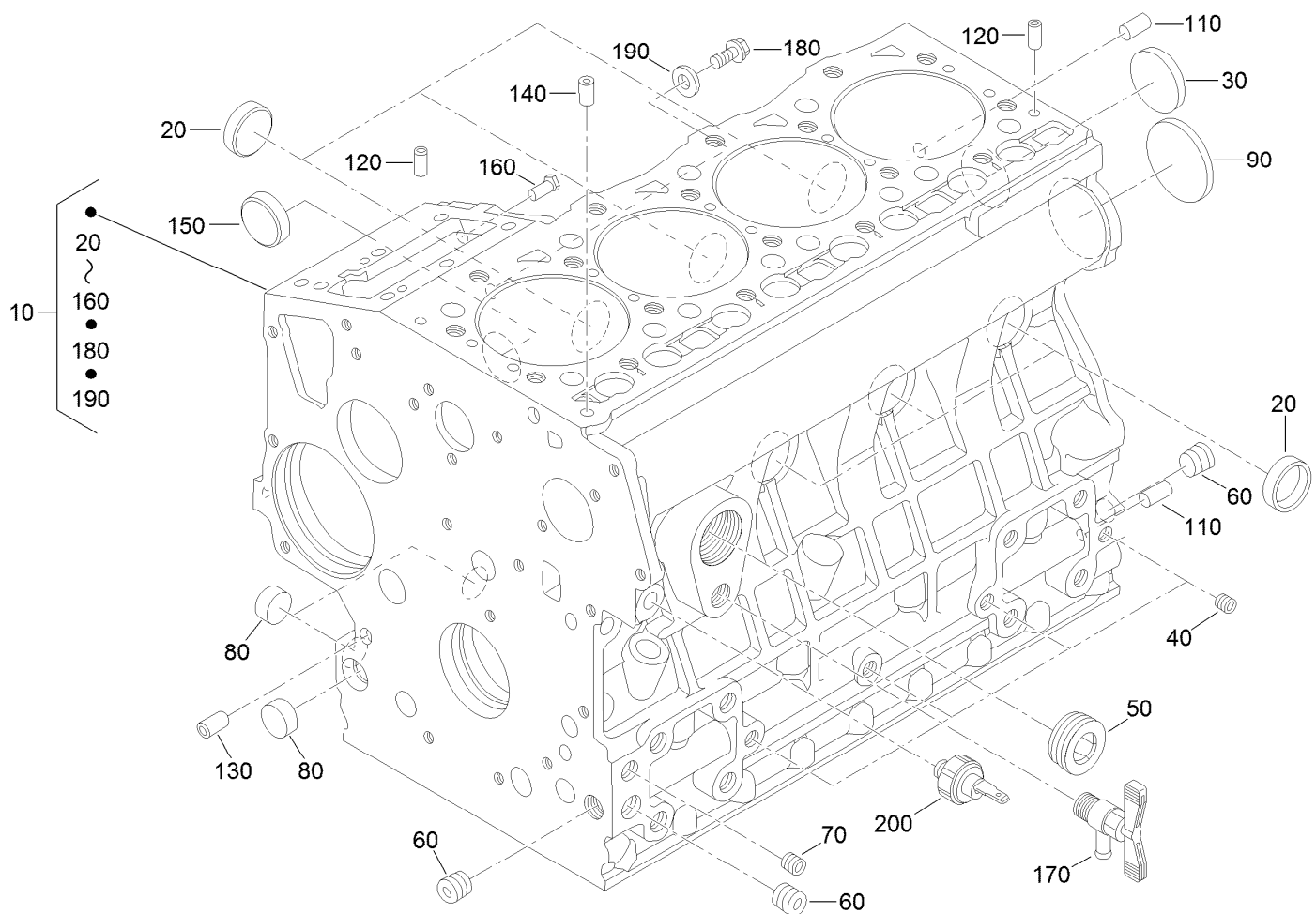
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 9           | 95-9193            | 1           | Cap-Diaphragm      |
| 10          | 95-9192            | 1           | Body-Split Eyelet  |
| 11          | 95-9191            | 1           | O-Ring             |
| 12          | 99-0811            | 1           | Screw-Clamp        |
| 13          | 99-0812            | 1           | Clamp-Upper        |
| 14          | 99-0814            | 1           | Pin-Pivot          |
| 15          | 95-9201            | 1           | Shank-Hose         |
| 16          | 322-3              | 1           | Screw-HH           |



## Left and Right Hand Boom Assembly

| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 1    | 108-3524-03 | 1    | Boom-RH                   |
| 2    | 108-3525-03 | 1    | Boom-LH                   |
| 3    | 119-9368    | 4    | Block Slide               |
| 4    | 108-3725    | 2    | LH Single Body Turret ASM |
| 5    | 108-3727    | 4    | Double Turret Body ASM    |
| 6    | 108-3726    | 2    | RH Single Body Turret ASM |
| 7    | 104-8300    | 8    | Nut-HF, NI                |
| 8    | 108-3728    | 2    | Hose-Boom                 |
| 9    | 40506       | 4    | Hose-Jumper               |
| 10   | 2412-129    | 18   | Clamp-Hose                |

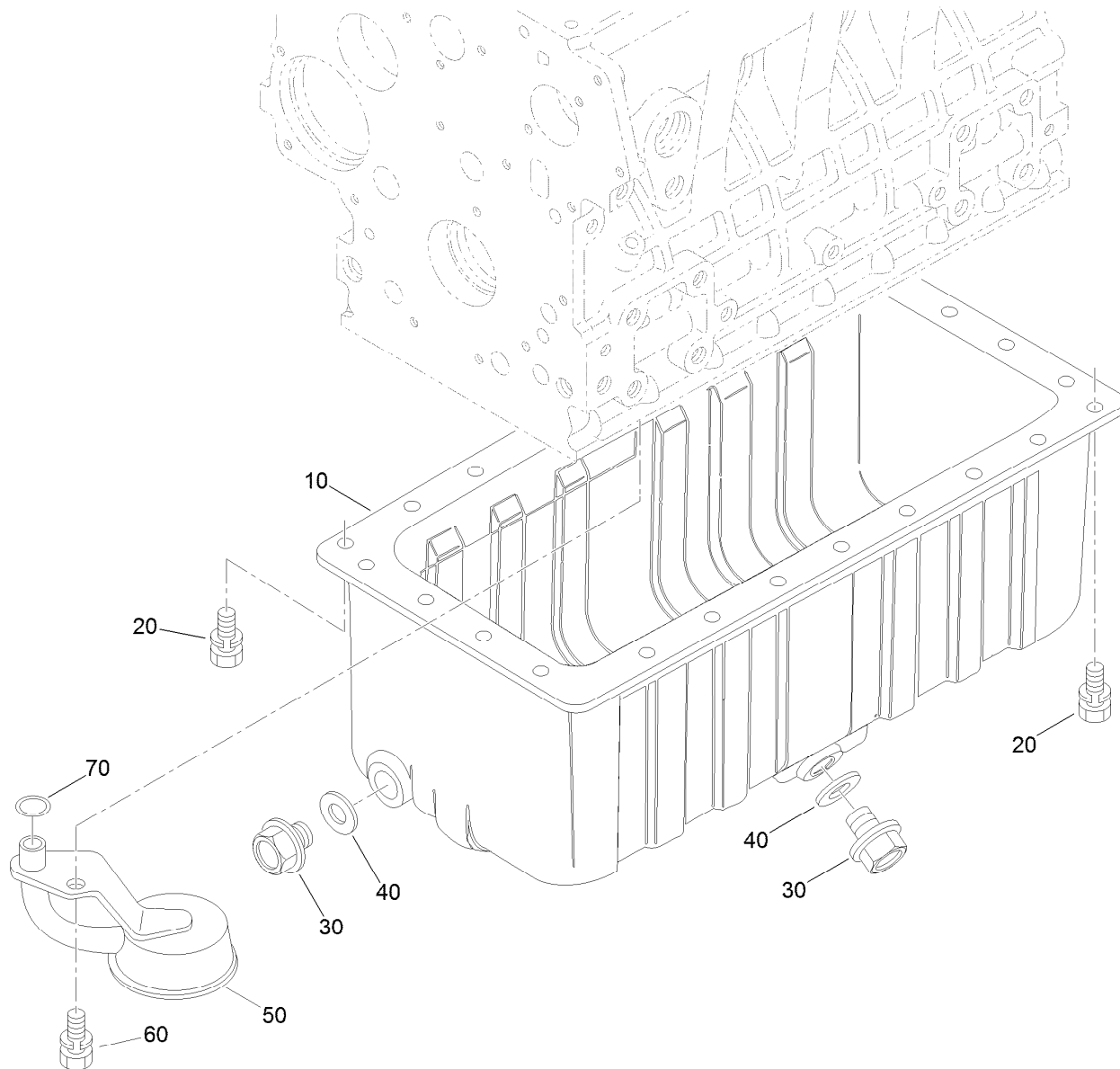
| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 11   | 119-9369    | 8    | Screw-HHF         |
| 12   | 108-3439    | 2    | Tee               |
| 13   | 240-3       | 4    | Grommet-Rubber    |
| 14   | 108-3721    | 2    | Hose-Boom         |
| 15   | 95-9186     | 8    | Cap               |
| 15:1 | 40998       | 1    | Seat-Gasket       |
| 16   | 95-9187     | 16   | Cap-Blank         |
| 16:1 | 40998       | 1    | Seat-Gasket       |
| 17   | 107-8650    | 2    | Conduit-Convolutd |
| 18   | 3290-378    | 6    | Tie-Cable         |



## Crankcase Assembly

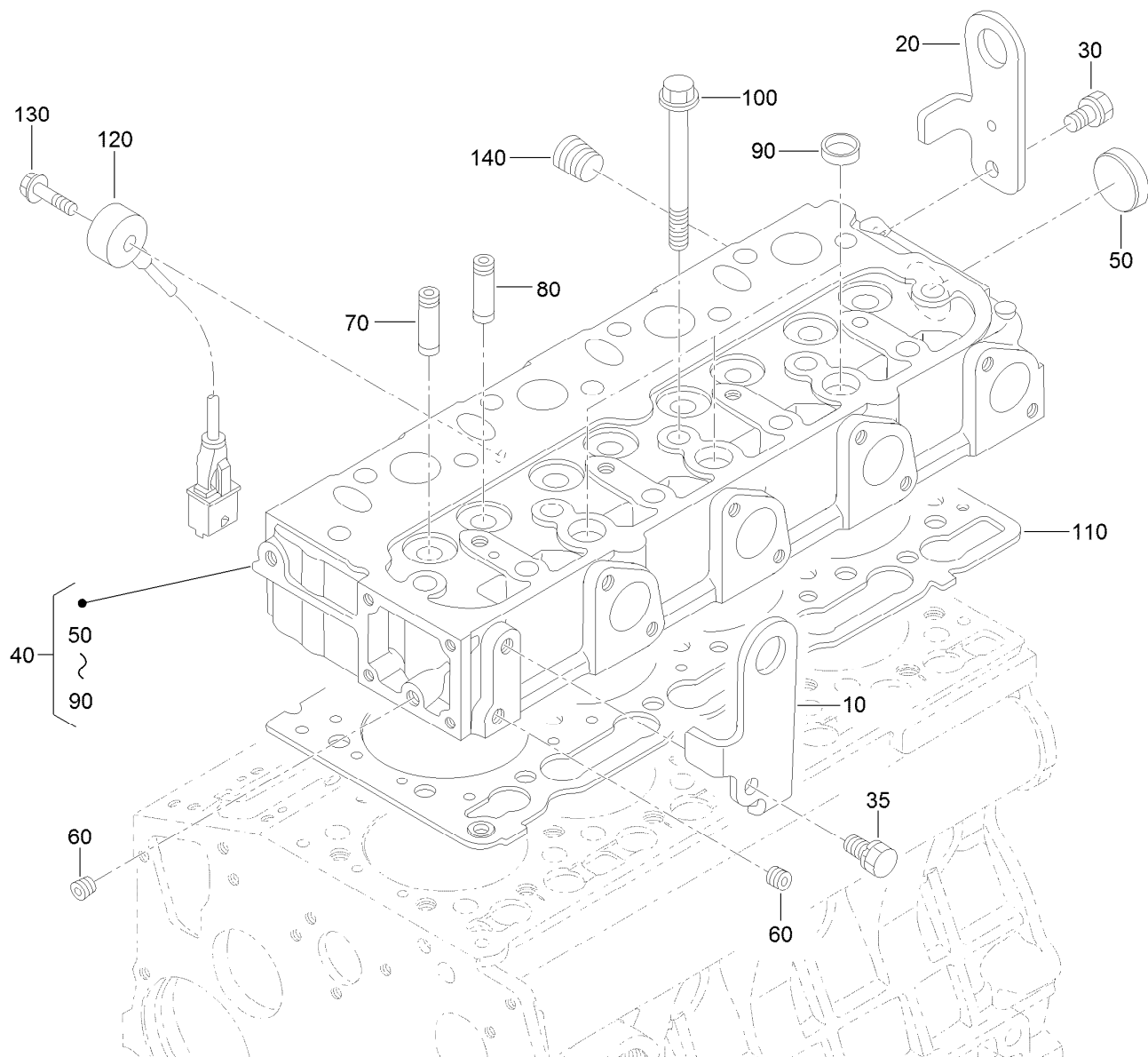
| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 10   | 127-0451    | 1    | Crankcase ASM  |
| 20   | 98-9398     | 6    | Cap-Sealing    |
| 30   | 98-7539     | 1    | Cap-Sealing    |
| 40   | 98-7540     | 4    | Plug           |
| 50   | 105-3779    | 1    | Plug           |
| 60   | 98-9597     | 3    | Plug           |
| 70   | 98-7487     | 2    | Plug           |
| 80   | 98-9379     | 3    | Plug-Expansion |
| 90   | 98-9668     | 1    | Plug-Expansion |
| 110  | 98-9377     | 2    | Pin-Straight   |

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 120  | 98-9376     | 2    | Pin-Straight      |
| 130  | 98-9387     | 2    | Pin-Pipe          |
| 140  | 98-9539     | 1    | Pin-Pipe          |
| 150  | 98-9599     | 1    | Plug              |
| 160  | 105-3796    | 1    | Pin-Spring, Start |
| 170  | 120-3121    | 1    | Draincock ASM     |
| 180  | 99-8363     | 1    | Bolt-Flange       |
| 190  | 98-7654     | 1    | Gasket            |
| 200  | 98-9416     | 1    | Switch-Oil        |



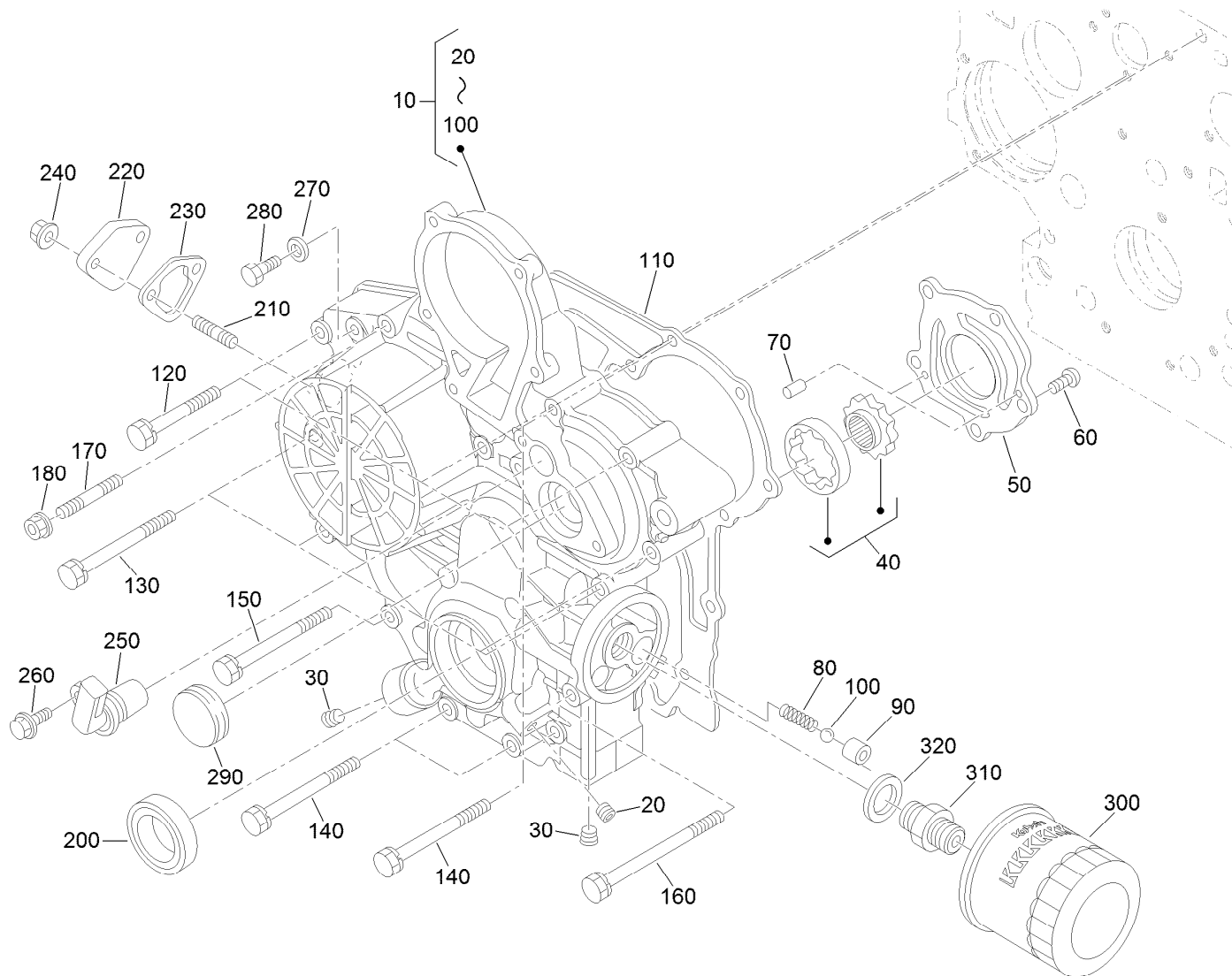
## Oil Pan Assembly

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 10          | 108-2852           | 1           | Oil Pan ASM        |
| 20          | 98-9351            | 26          | Bolt               |
| 30          | 114-8151           | 2           | Plug-Drain         |
| 40          | 98-7524            | 2           | Gasket             |
| 50          | 112-7003           | 1           | Head-Filter, Oil   |
| 60          | 98-7526            | 1           | Bolt               |
| 70          | 105-3776           | 1           | O-Ring             |



## Cylinder Head Assembly

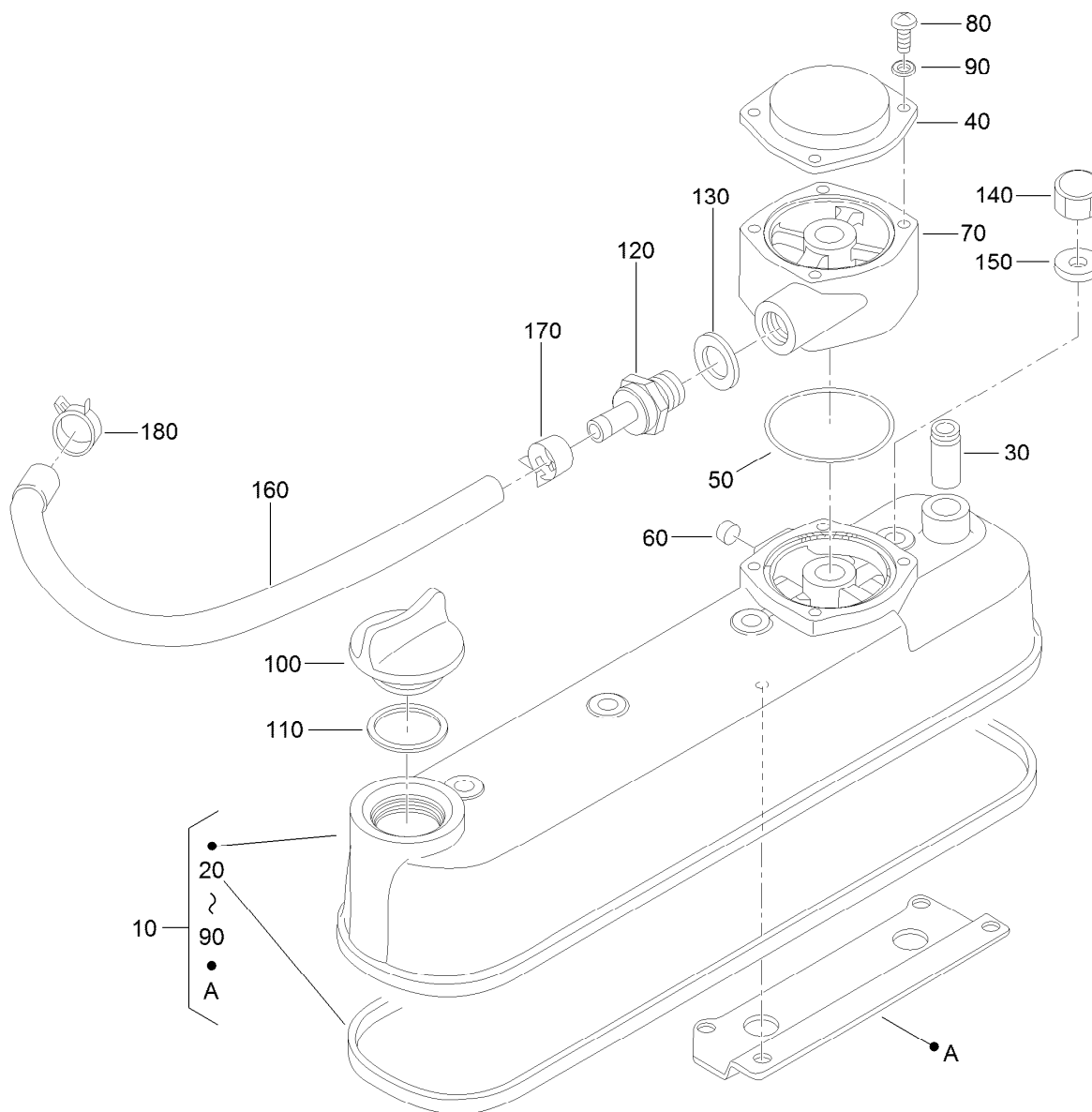
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 10   | 127-0463    | 1    | Hook-Engine           |
| 20   | 127-0464    | 1    | Hook-Engine           |
| 30   | 100-9195    | 1    | Bolt                  |
| 35   | 98-7526     | 1    | Bolt                  |
| 40   | 127-0452    | 1    | Cylinder Head ASM     |
| 50   | 105-3705    | 1    | Cap-Sealing           |
| 60   | 98-7540     | 2    | Plug                  |
| 70   | 107-9066    | 4    | Guide-Valve, Inlet    |
| 80   | 127-0478    | 4    | Guide-Valve, Exhaust  |
| 90   | 98-9389     | 3    | Cap-Sealing           |
| 100  | 98-9479     | 9    | Bolt-Head, Cylinder   |
| 110  | 127-0434    | 1    | Gasket-Head, Cylinder |
| 120  | 127-0467    | 1    | Sensor-Knock          |
| 130  | 127-0506    | 1    | Bolt-Sensor, Knock    |
| 140  | 98-9444     | 1    | Plug                  |



## Gear Case and Oil Filter Cartridge Assembly

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 10   | 127-0453    | 1    | Gear Case ASM      |
| 20   | 98-7487     | 1    | Plug               |
| 30   | 127-0425    | 2    | Plug               |
| 40   | 98-9540     | 1    | Oil Pump Rotor ASM |
| 50   | 107-9069    | 1    | Cover-Pump, Oil    |
| 60   | 107-9071    | 5    | Screw              |
| 70   | 107-9072    | 2    | Pin-Straight       |
| 80   | 98-9544     | 1    | Spring             |
| 90   | 98-9543     | 1    | Seat-Valve         |
| 100  | 98-9380     | 1    | Ball               |
| 110  | 98-9633     | 1    | Gasket-Case, Gear  |
| 120  | 98-7496     | 3    | Bolt               |
| 130  | 105-3797    | 4    | Bolt               |
| 140  | 98-9356     | 4    | Bolt               |
| 150  | 107-9074    | 1    | Bolt               |
| 160  | 98-9586     | 1    | Bolt               |

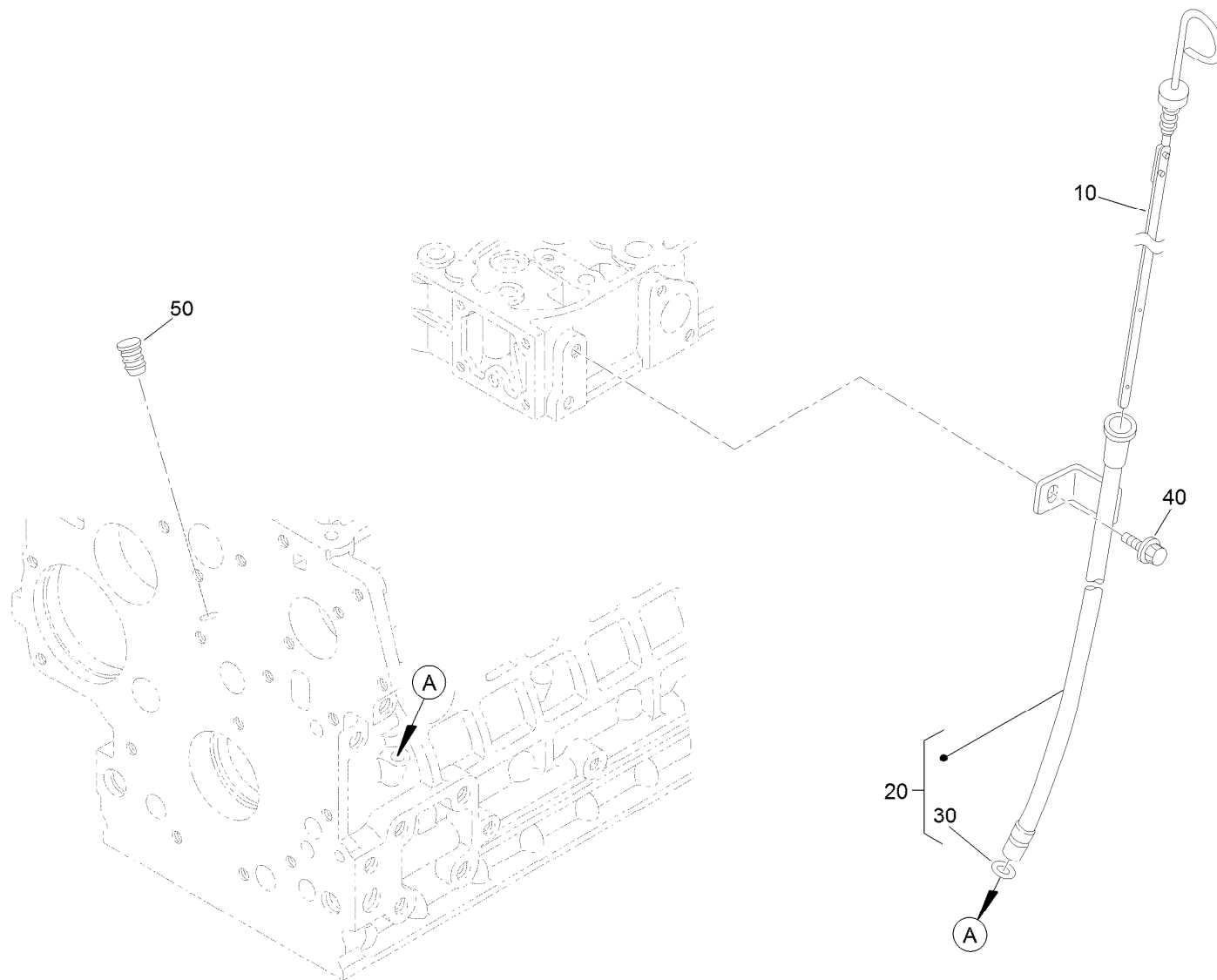
| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 170  | 105-3709    | 1    | Stud              |
| 180  | 100-2203    | 1    | Nut-Flange        |
| 200  | 119-8038    | 1    | Seal-Oil          |
| 210  | 105-3710    | 2    | Stud              |
| 220  | 99-3514     | 1    | Cover             |
| 230  | 117-7562    | 1    | Gasket-Pump, Fuel |
| 240  | 100-2203    | 2    | Nut-Flange        |
| 250  | 127-0504    | 1    | Sensor-Revolution |
| 260  | 99-8363     | 1    | Bolt-Flange       |
| 270  | 98-7654     | 1    | Gasket            |
| 280  | 127-0400    | 1    | Bolt-Hex          |
| 290  | 98-9641     | 1    | Cover-Case, Gear  |
| 300  | 127-0511    | 1    | Filter-Oil        |
| 310  | 98-9388     | 1    | Joint-Pipe        |
| 320  | 98-7562     | 1    | Washer-Plain      |



## Cylinder Head Cover Assembly

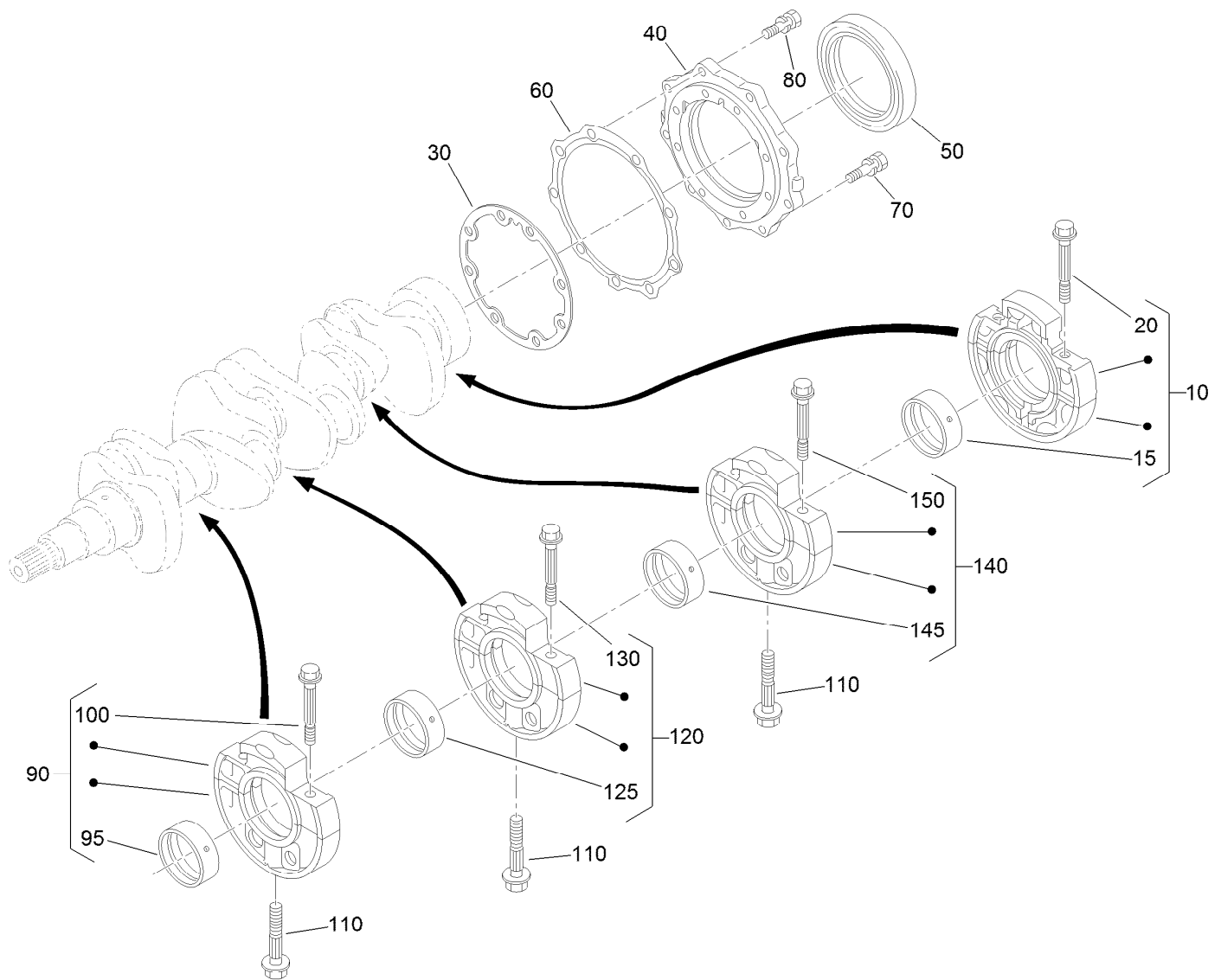
| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 10   | 127-0479    | 1    | Cylinder Head Cover ASM |
| 20   | 105-3712    | 1    | Gasket-Cover, Head      |
| 30   | 98-7766     | 1    | Pipe-Return, Water      |
| 40   | 108-7060    | 1    | Cover-Breather          |
| 50   | 110-3846    | 2    | O Ring-Breather         |
| 60   | 115-3042    | 1    | Cap-Sealing             |
| 70   | 127-0480    | 1    | Spacer-Breather         |
| 80   | 115-3044    | 4    | Screw-Pan Head          |
| 90   | 127-0408    | 4    | Washer-Lock, Spring     |

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 100  | 107-9075    | 1    | Plug-Filler, Oil |
| 110  | 99-3446     | 1    | O-Ring           |
| 120  | 127-0468    | 1    | Valve-Pcv        |
| 130  | 98-7528     | 1    | O Ring-Copper    |
| 140  | 98-9455     | 4    | Nut-Cap          |
| 150  | 98-9454     | 4    | Gasket           |
| 160  | 127-0469    | 1    | Tube-Breather    |
| 170  | 127-0491    | 1    | Clamp-Hose       |
| 180  | 98-9579     | 1    | Band-Pipe        |



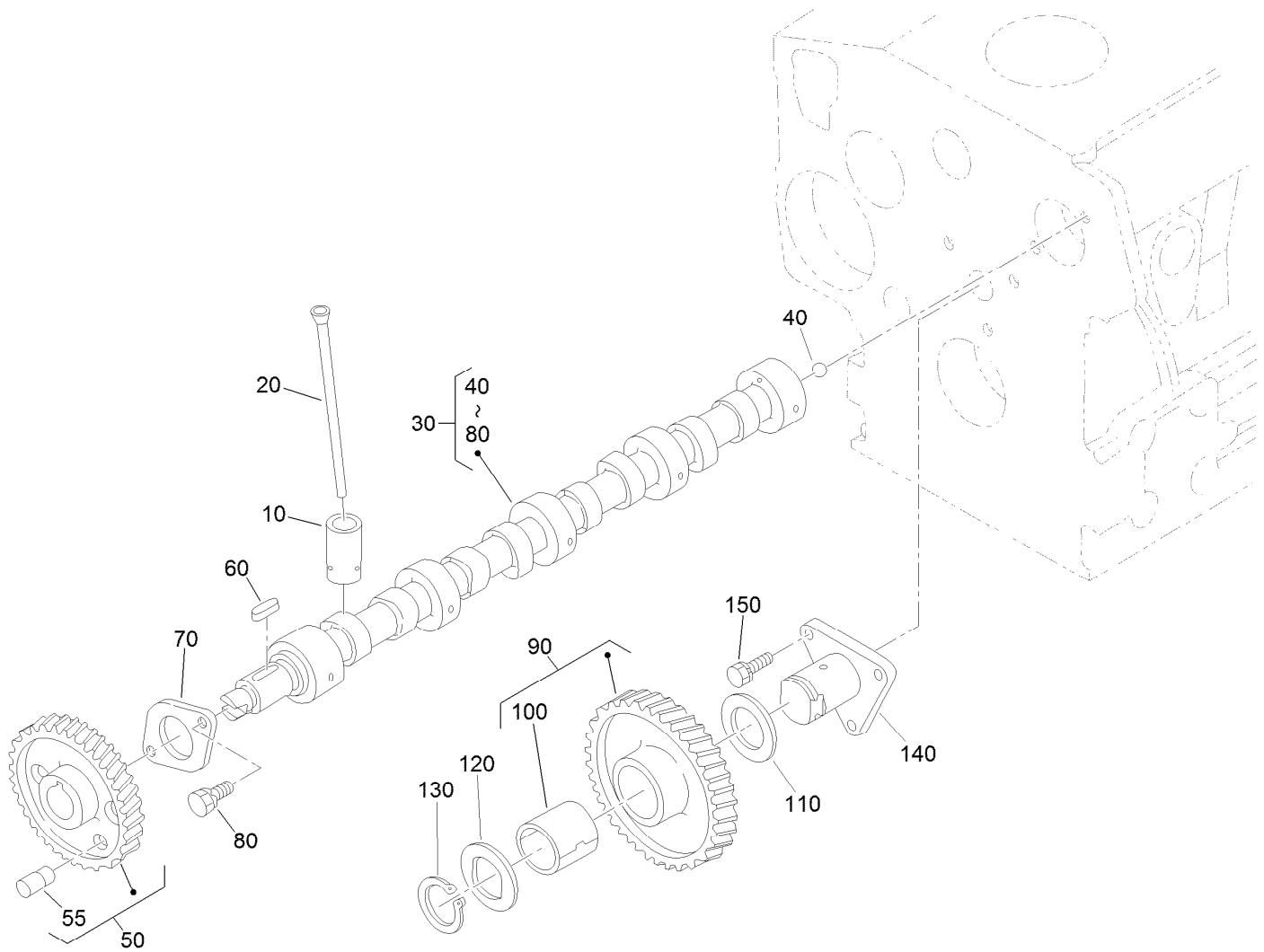
## Oil Dipstick and Guide Assembly

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 10   | 98-9670     | 1    | Gauge-Oil           |
| 20   | 98-9672     | 1    | Oil Gauge Guide ASM |
| 30   | 98-9722     | 1    | O-Ring              |
| 40   | 115-8504    | 1    | Bolt-Flange         |
| 50   | 110-3720    | 1    | Plug-Gauge, Oil     |



## Main Bearing Case Assembly

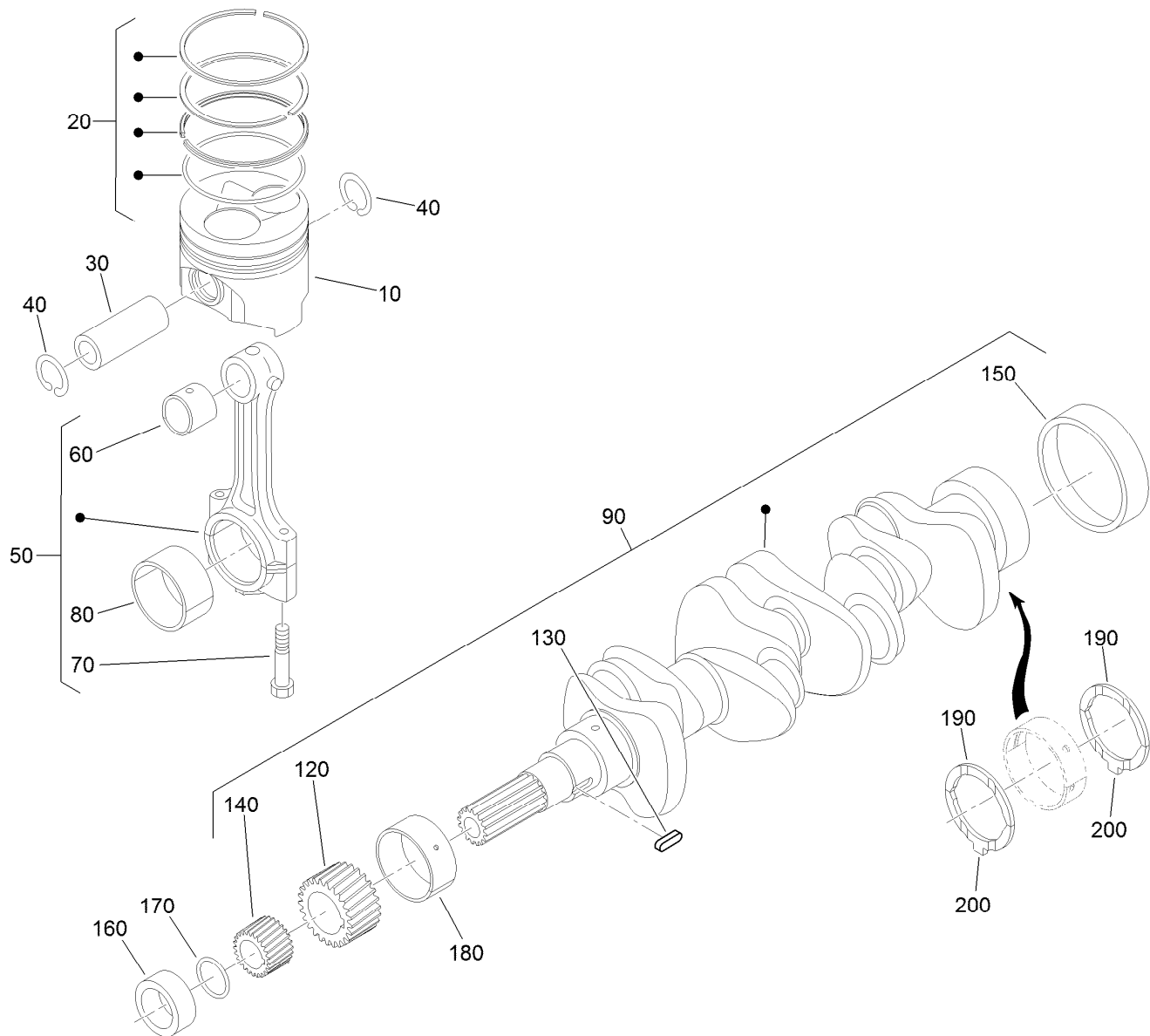
| Ref. | Part Number | Qty. | Description                | Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|------|-------------|------|----------------------------|
| 10   | 112-7026    | 1    | Wheel Bearing Case ASM     | 95   | 98-9524     | 2    | Metal-Crankshaft (STD Set) |
| 15   | 98-9525     | 1    | Metal-Crankshaft (STD Set) | 100  | 98-9484     | 2    | Bolt-Case, Bearing         |
| 20   | 98-9484     | 2    | Bolt-Case, Bearing         | 110  | 98-9485     | 3    | Bolt-Case, Bearing         |
| 30   | 127-0440    | 1    | Gasket-Case, Bearing       | 120  | 127-0428    | 1    | Main Bearing Case ASM      |
| 40   | 112-7046    | 1    | Cover-Case, Bearing        | 125  | 98-9524     | 1    | Metal-Crankshaft (STD Set) |
| 50   | 112-0180    | 1    | Seal-Oil                   | 130  | 98-9484     | 2    | Bolt-Case, Bearing         |
| 60   | 112-7037    | 1    | Gasket-Cover, Case         | 140  | 127-0429    | 1    | Bearing Case ASM           |
| 70   | 127-0441    | 8    | Bolt                       | 145  | 98-9524     | 1    | Metal-Crankshaft (STD Set) |
| 80   | 127-0442    | 9    | Bolt                       | 150  | 98-9484     | 2    | Bolt-Case, Bearing         |
| 90   | 127-0427    | 1    | Main Bearing Case ASM      |      |             |      |                            |



## Cam Shaft and Idle Gear Assembly

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 10   | 112-0185    | 8    | Tappet           |
| 20   | 127-0421    | 8    | Rod-Push         |
| 30   | 127-0481    | 1    | Camshaft ASM     |
| 40   | 110-3729    | 1    | Ball             |
| 50   | 127-0482    | 1    | Cam Gear ASM     |
| 55   | 127-0483    | 1    | Pin-Gear, Cam    |
| 60   | 98-9378     | 1    | Key-Feather      |
| 70   | 98-9510     | 1    | Stopper-Camshaft |

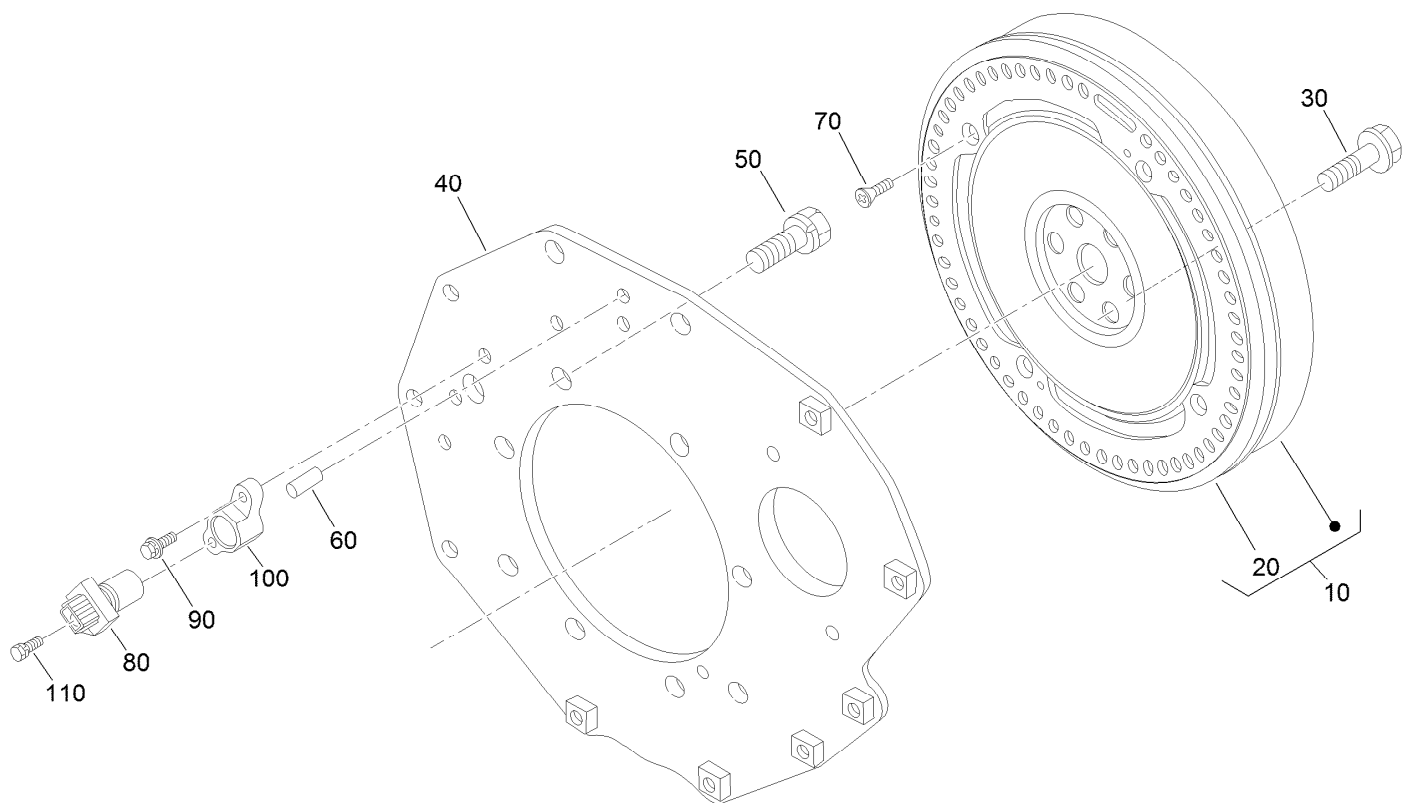
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 80   | 98-7692     | 2    | Bolt               |
| 90   | 117-7584    | 1    | Idler Gear ASM     |
| 100  | 117-7585    | 1    | Bushing-Gear, Idle |
| 110  | 98-9535     | 1    | Collar-Gear, Idle  |
| 120  | 98-9536     | 1    | Collar-Gear, Idle  |
| 130  | 98-9534     | 1    | Circlip-Gear, Idle |
| 140  | 98-9533     | 1    | Shaft-Gear, Idle   |
| 150  | 98-7692     | 3    | Bolt               |



## Piston and Crankshaft Assembly

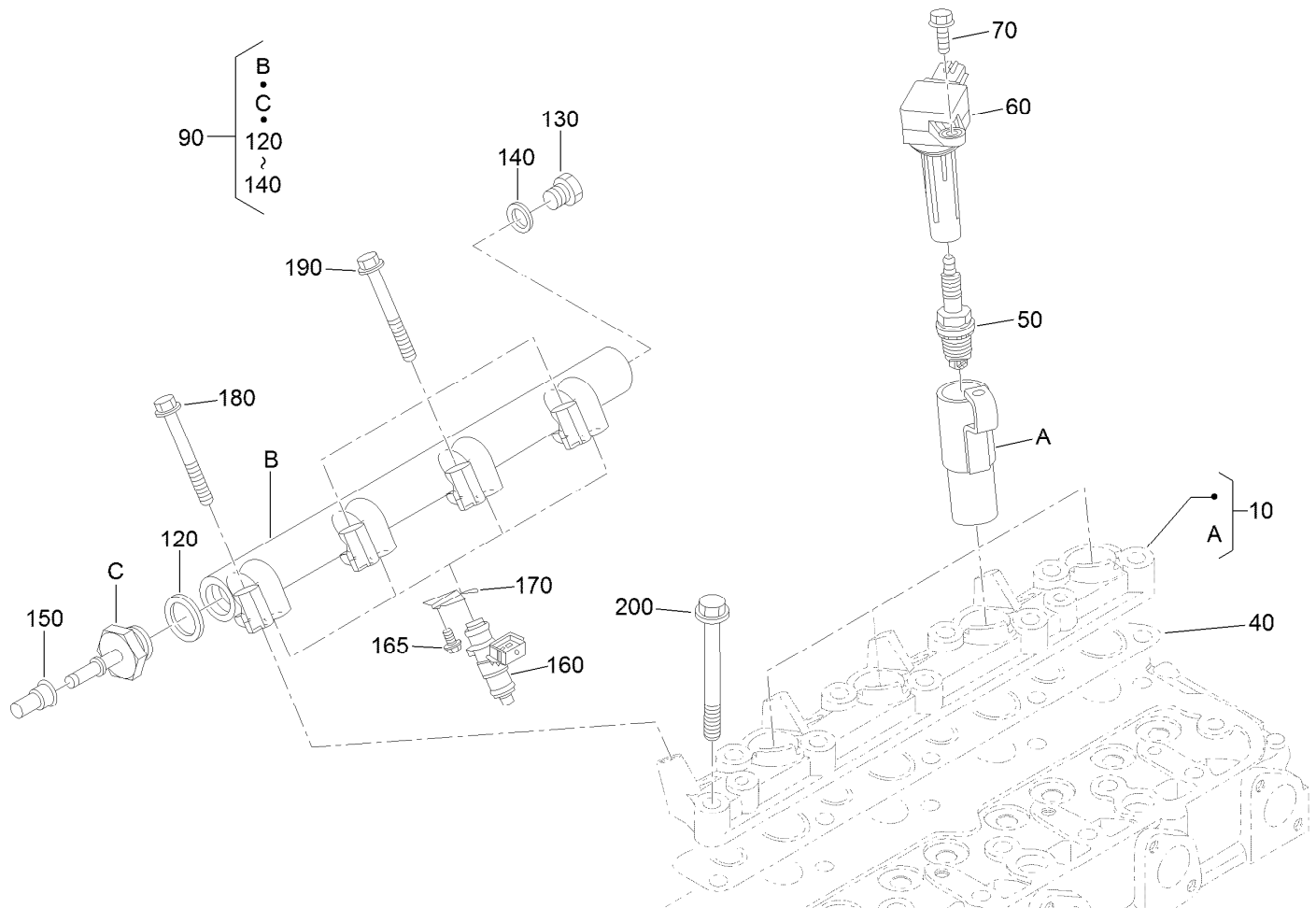
| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 10   | 127-0487    | 4    | Piston (STD)              |
| 10   | 127-0488    | 4    | Piston (+0.50MM)          |
| 20   | 127-0485    | 4    | Piston Ring ASM (STD)     |
| 20   | 127-0486    | 4    | Piston Ring ASM (+0.50MM) |
| 30   | 98-9513     | 4    | Pin-Piston                |
| 40   | 98-9514     | 8    | Circlip-Pin, Piston       |
| 50   | 117-7586    | 4    | Connecting Rod ASM        |
| 60   | 115-3014    | 4    | Bushing-Pin, Piston       |
| 70   | 98-9517     | 8    | Bolt-Rod, Connecting      |
| 80   | 98-9553     | 4    | Bearing-Rod (STD)         |
| 80   | 117-7587    | 4    | Metal-Crankpin (-0.2MM)   |
| 80   | 117-7588    | 4    | Metal-Crankpin (-0.4MM)   |
| 90   | 127-0433    | 1    | Metal-Crankshaft (-0.2MM) |
| 120  | 117-7561    | 1    | Gear-Crankshaft           |

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 130  | 98-9666     | 1    | Key                        |
| 140  | 127-0445    | 1    | Gear-Drive, Oil Pump       |
| 150  | 98-9522     | 1    | Sleeve-Crankshaft          |
| 160  | 127-0444    | 1    | Collar-Crankshaft          |
| 170  | 105-3783    | 1    | O-Ring                     |
| 180  | 98-9524     | 3    | Metal-Crankshaft (STD Set) |
| 180  | 127-0433    | 3    | Metal-Crankshaft (-0.2MM)  |
| 180  | 127-0432    | 1    | Metal-Crankshaft (-0.4MM)  |
| 190  | 98-9413     | 2    | Bearing-Thrust (STD)       |
| 190  | 127-0416    | 2    | Metal-Side (+0.2Mm)        |
| 190  | 127-0417    | 2    | Metal-Side (+0.40Mm)       |
| 200  | 98-9688     | 2    | Bearing-Thrust (STD)       |
| 200  | 127-0437    | 2    | Metal-Side (+0.2MM)        |
| 200  | 127-0438    | 2    | Metal-Side (+0.40MM)       |



## Flywheel and Sensor Switch Assembly

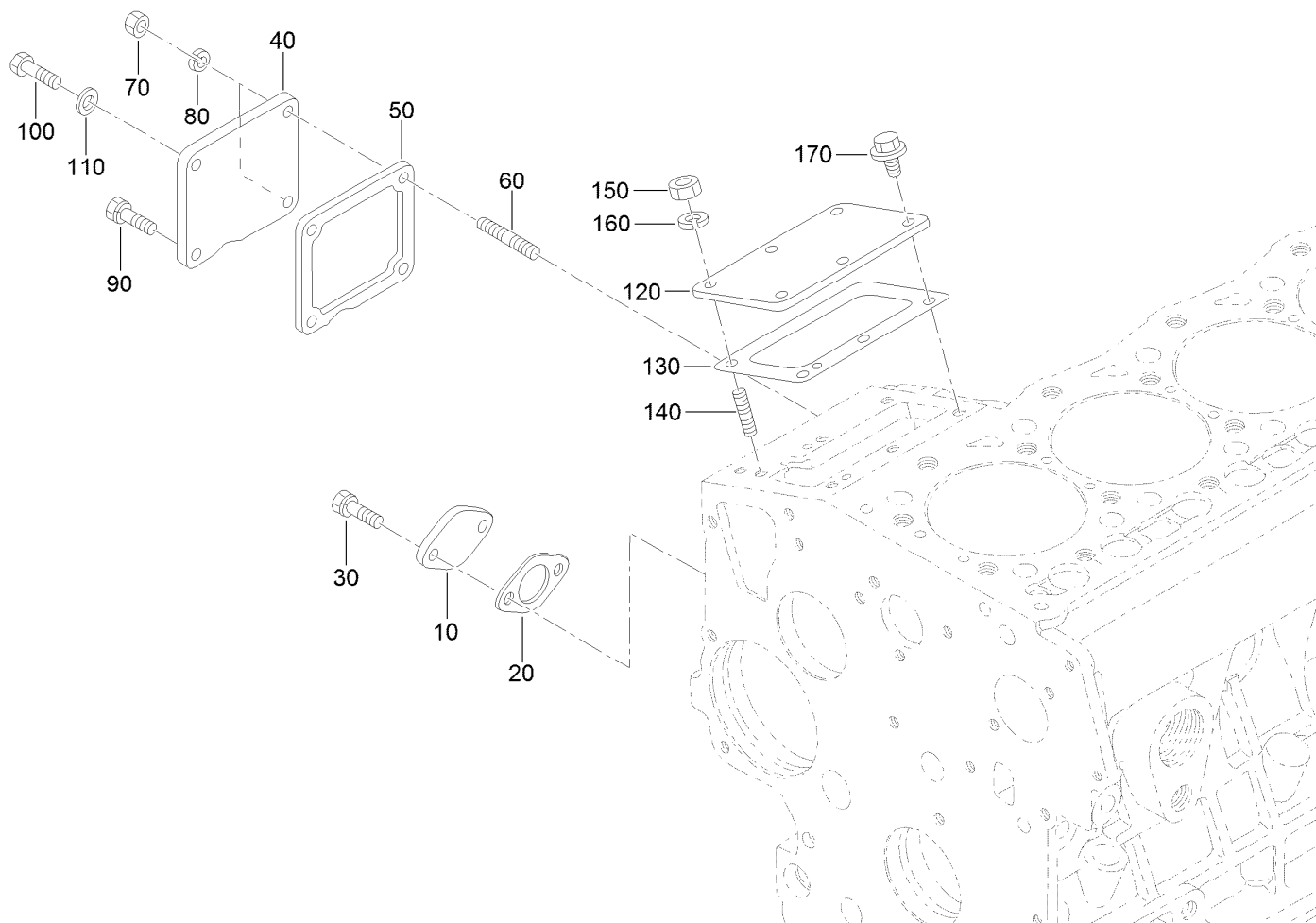
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 10          | 127-0489           | 1           | Flywheel ASM       |
| 20          | 115-3015           | 1           | Gear-Ring          |
| 30          | 98-9537            | 6           | Bolt-Flywheel      |
| 40          | 127-0454           | 1           | Plate-End, Rear    |
| 50          | 98-9392            | 8           | Bolt               |
| 60          | 127-0412           | 2           | Pin-Straight       |
| 70          | 127-0407           | 4           | Screw-Head, Flat   |
| 80          | 125-9103           | 1           | Sensor Stick ASM   |
| 90          | 127-0403           | 1           | Bolt-Flange        |
| 100         | 127-0494           | 1           | Holder-Sensor      |
| 110         | 127-0404           | 1           | Bolt-Flange        |



## Ignition Coil and Delivery Pipe Assembly

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 10   | 127-0459    | 1    | Flange-Injector   |
| 40   | 127-0460    | 1    | Gasket-Flange     |
| 50   | 127-0499    | 4    | Spark Plug        |
| 60   | 127-0498    | 4    | Coil-Ignition     |
| 70   | 99-8363     | 4    | Bolt-Flange       |
| 90   | 127-0509    | 1    | Delivery Pipe ASM |
| 120  | 127-0411    | 1    | Packing           |
| 130  | 127-0413    | 1    | Plug              |

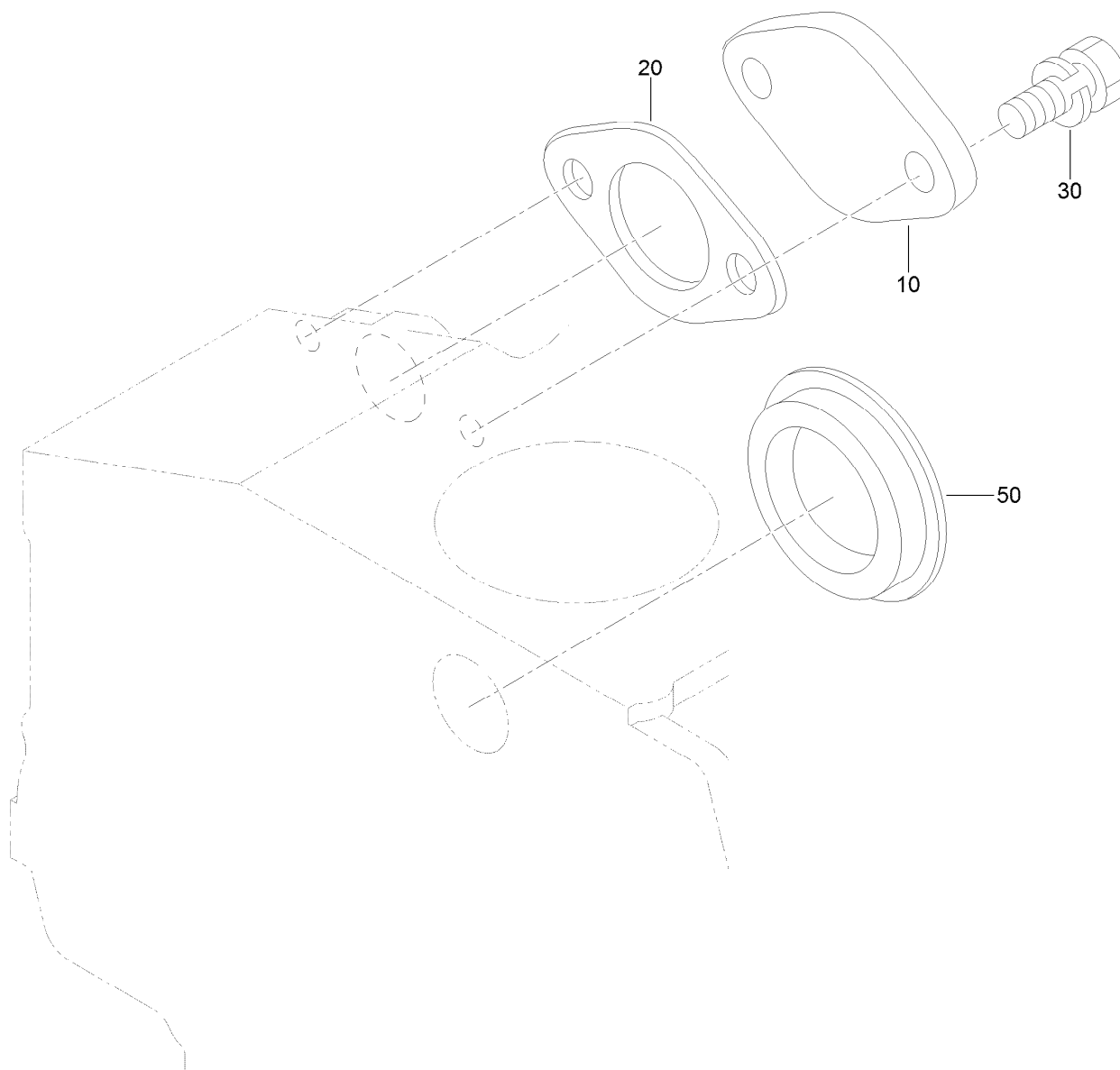
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 140  | 125-9096    | 1    | Gasket              |
| 150  | 127-0456    | 1    | Cap-Fuel            |
| 160  | 125-9107    | 4    | Injector            |
| 165  | 100-1774    | 4    | Bolt-Flange         |
| 170  | 127-0458    | 4    | Stopper-Injector    |
| 180  | 127-0404    | 1    | Bolt-Flange         |
| 190  | 127-0405    | 3    | Bolt-Flange         |
| 200  | 127-0466    | 9    | Bolt-Head, Cylinder |



## Engine Covers Assembly

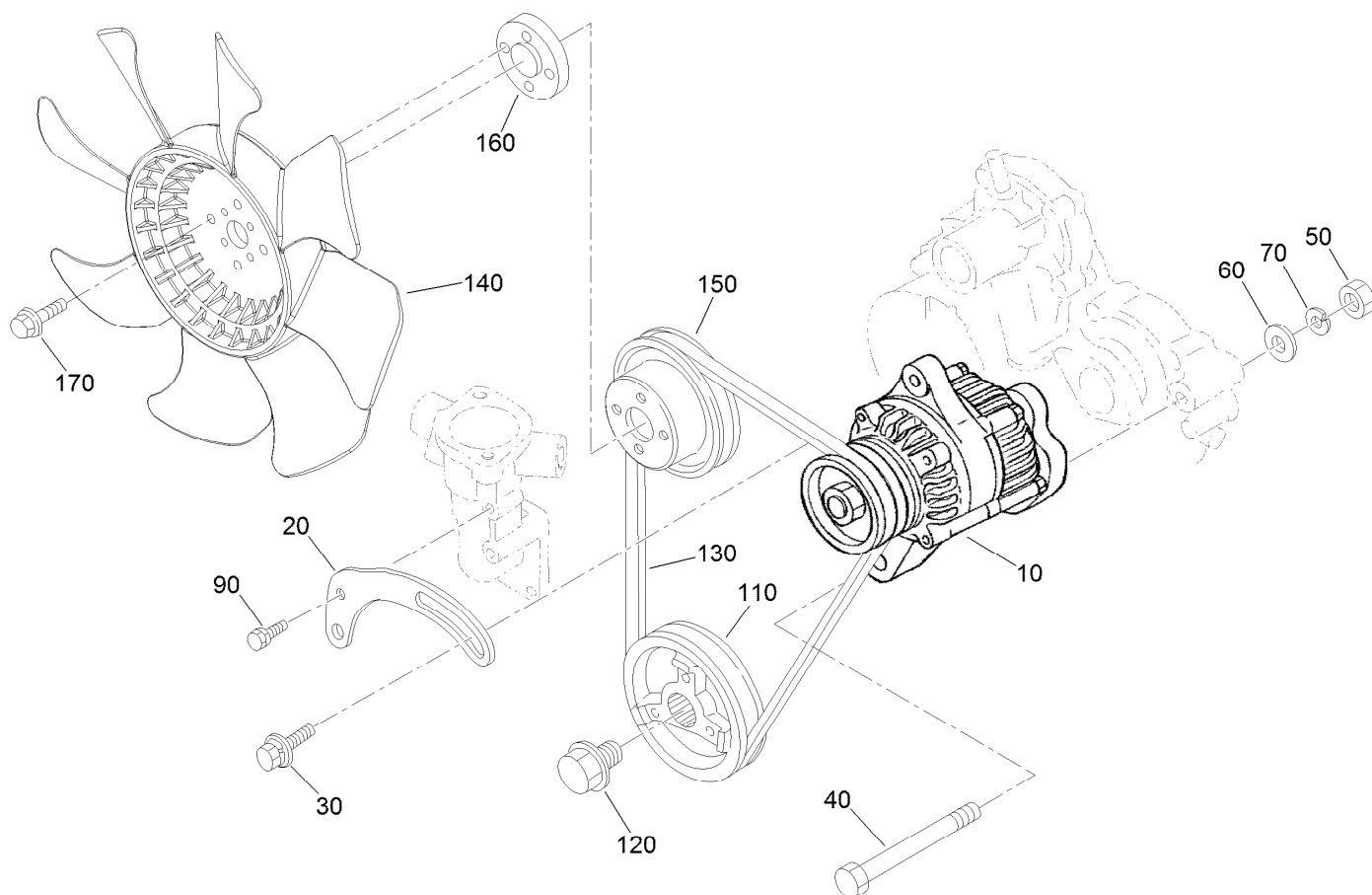
| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 10   | 115-4122    | 1    | Cover-Shaft, Fork Lever |
| 20   | 98-9682     | 1    | Gasket                  |
| 30   | 98-9350     | 2    | Bolt                    |
| 40   | 127-0418    | 1    | Cover                   |
| 50   | 98-9637     | 1    | Gasket                  |
| 60   | 105-3710    | 2    | Stud                    |
| 70   | 98-7572     | 2    | Nut                     |
| 80   | 98-7699     | 2    | Washer-Spring           |
| 90   | 98-9350     | 1    | Bolt                    |

| Ref. | Part Number | Qty. | Description                     |
|------|-------------|------|---------------------------------|
| 100  | 127-0401    | 1    | Bolt-Hex                        |
| 110  | 98-7654     | 1    | Gasket                          |
| 120  | 127-0465    | 1    | Cover-Pump, Injection           |
| 130  | 105-3728    | 1    | Shim-Pump, Injection<br>(.20MM) |
| 140  | 98-9438     | 3    | Stud                            |
| 150  | 100-1776    | 3    | Nut                             |
| 160  | 98-7699     | 3    | Washer-Spring                   |
| 170  | 100-1774    | 3    | Bolt-Flange                     |



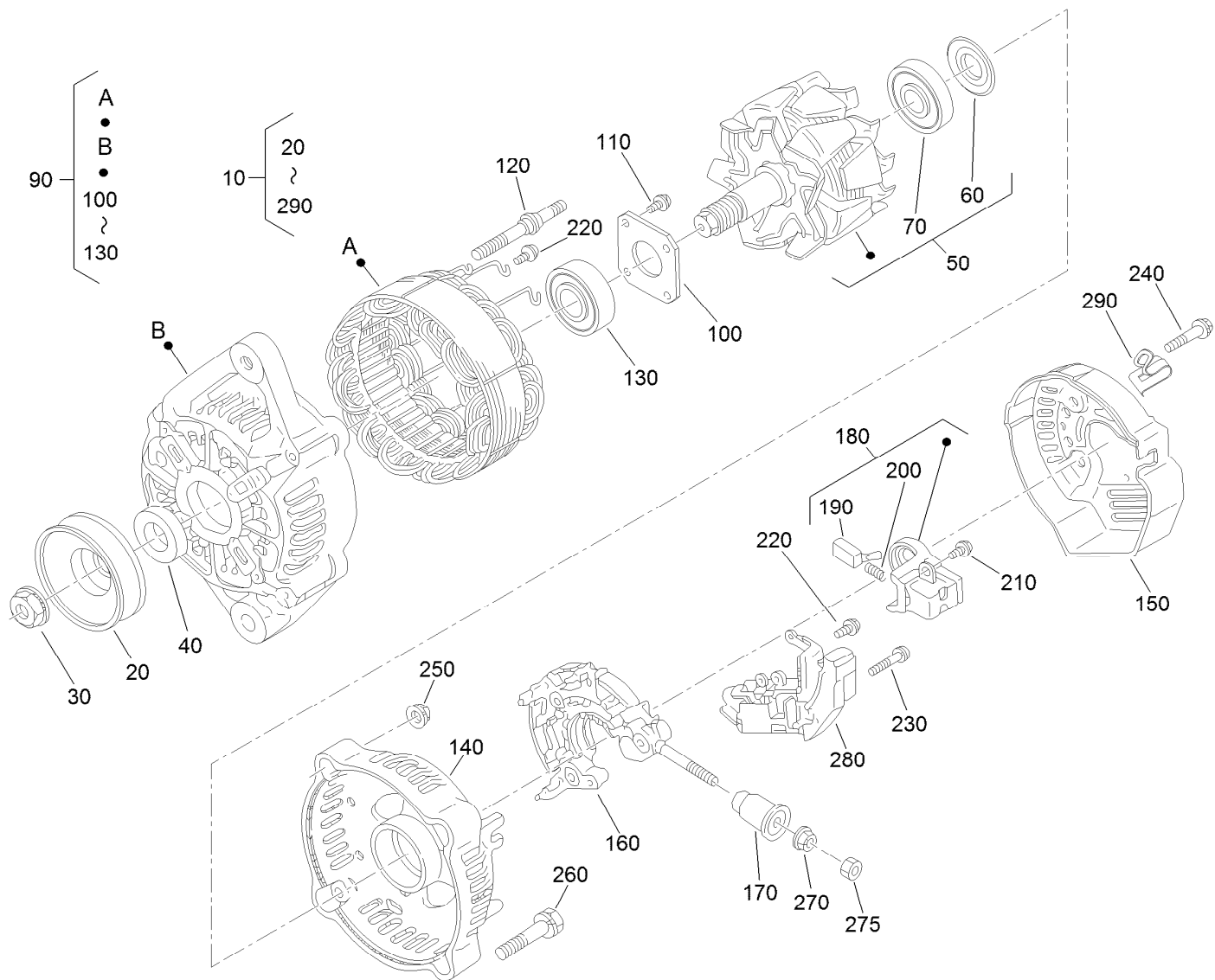
## Solenoid Cover and Hydraulic Pump Cover

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>     |
|-------------|--------------------|-------------|------------------------|
| 10          | 127-0419           | 1           | Cover-Solenoid         |
| 20          | 98-9683            | 1           | Gasket-Cover, Solenoid |
| 30          | 98-7692            | 2           | Bolt                   |
| 50          | 112-7016           | 1           | Cover-Pump             |



## Alternator, Pulley and Fan Assembly

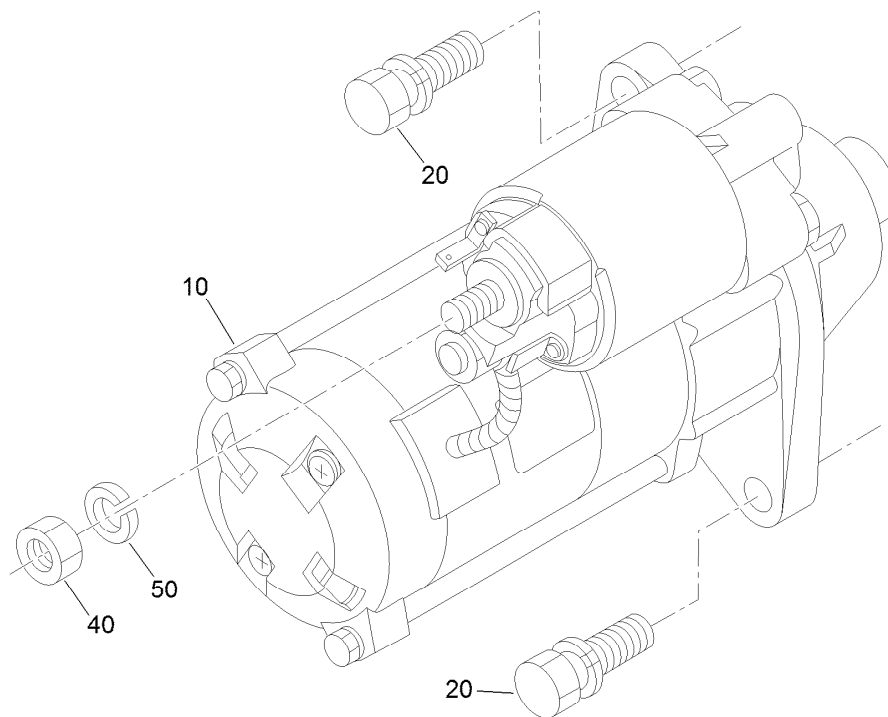
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 10   | 131-9567    | 1    | 60 Amp Alternator ASM |
| 20   | 117-5542    | 1    | Bracket               |
| 30   | 108-7088    | 1    | Bolt                  |
| 40   | 98-9360     | 1    | Bolt                  |
| 50   | 98-7737     | 1    | Nut                   |
| 60   | 98-9366     | 1    | Washer-Plain          |
| 70   | 98-7738     | 1    | Washer-Spring         |
| 90   | 98-7692     | 1    | Bolt                  |
| 110  | 105-3745    | 1    | Pulley-Drive, Fan     |
| 120  | 98-9585     | 1    | Bolt                  |
| 130  | 104-3494    | 1    | Belt-V                |
| 140  | 131-5803    | 1    | Fan                   |
| 150  | 98-9584     | 1    | Pulley-Fan            |
| 160  | 108-2872    | 1    | Collar-Fan            |
| 170  | 114-8414    | 4    | Screw-HHF             |



## Alternator Assembly No. 131-9567

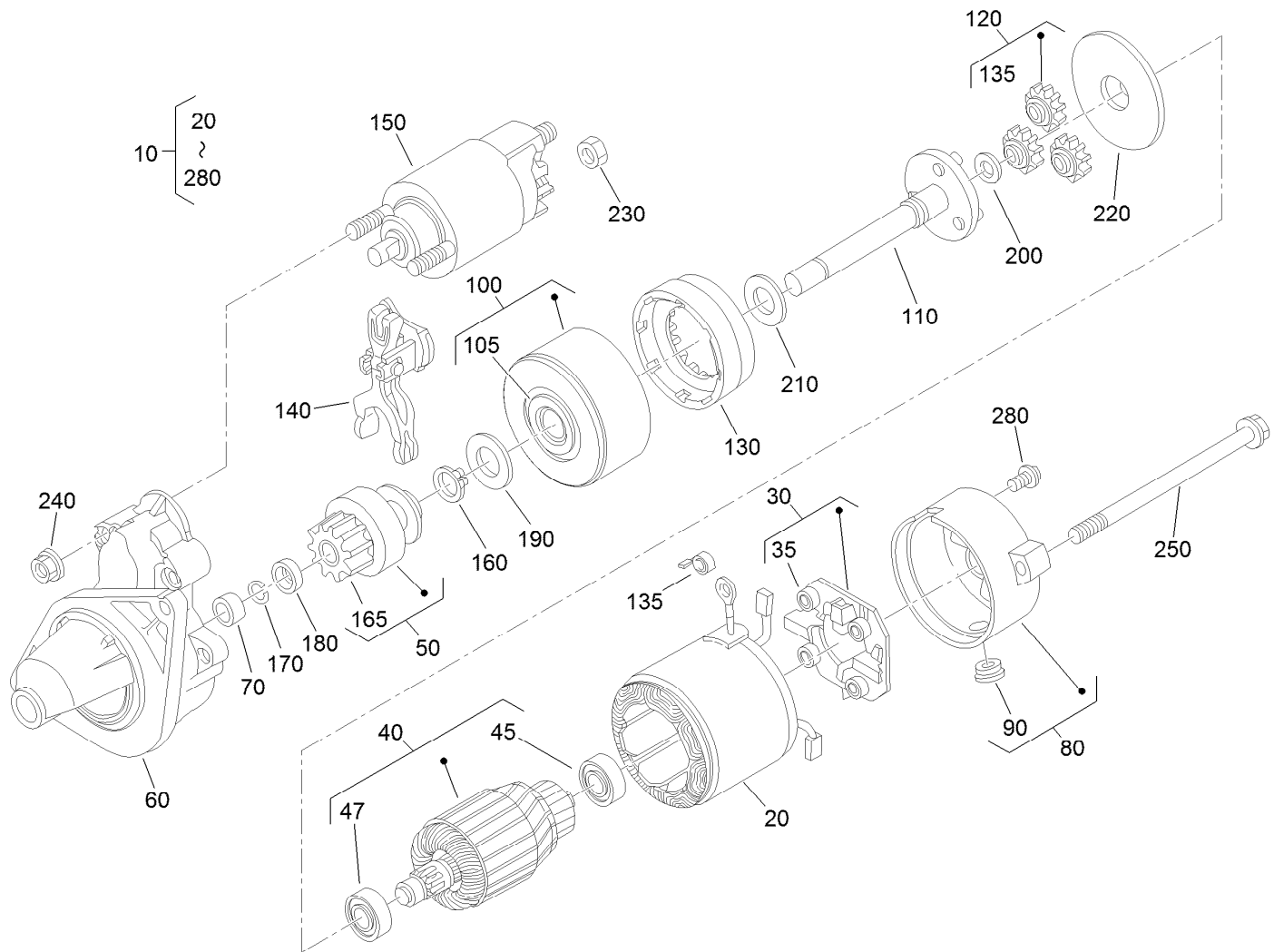
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 10   | 131-9567    | 1    | 60 Amp Alternator ASM |
| 20   | 98-9453     | 1    | Pulley-Dynamo         |
| 30   | 98-7708     | 1    | Nut                   |
| 40   | 98-7709     | 1    | Collar                |
| 50   | 107-0136    | 1    | Rotor ASM             |
| 60   | 98-7711     | 1    | Cover-Bearing         |
| 70   | 107-0138    | 1    | Bearing-Ball          |
| 90   | 131-9573    | 1    | Frame-End, Drive      |
| 100  | 98-7715     | 1    | Plate-Retainer        |
| 110  | 98-7716     | 4    | Screw-Head, Round     |
| 120  | 98-7717     | 2    | Bolt-Through          |
| 130  | 131-6560    | 1    | *obs* Bearing-Ball    |
| 140  | 121-3812    | 1    | Frame-End             |
| 150  | 121-3813    | 1    | Cover-End             |
| 160  | 121-3805    | 1    | Rectifier ASM         |

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 170  | 117-0321    | 1    | Insulation-Brush  |
| 180  | 107-0141    | 1    | Brush Holder ASM  |
| 190  | 98-7724     | 2    | Brush             |
| 200  | 98-7725     | 2    | Spring-Brush      |
| 210  | 98-7726     | 2    | Screw-Head, Round |
| 220  | 98-7727     | 6    | Screw-Head, Round |
| 230  | 98-7728     | 1    | Screw-Head, Round |
| 240  | 98-7729     | 3    | Bolt              |
| 250  | 98-7730     | 2    | Nut               |
| 260  | 98-7731     | 2    | Bolt              |
| 270  | 98-7732     | 1    | Nut               |
| 275  | 100-1776    | 1    | Nut               |
| 280  | 121-3809    | 1    | Regulator ASM     |
| 290  | 120-5841    | 1    | Clamp-Cord        |



## Starter Installation Assembly

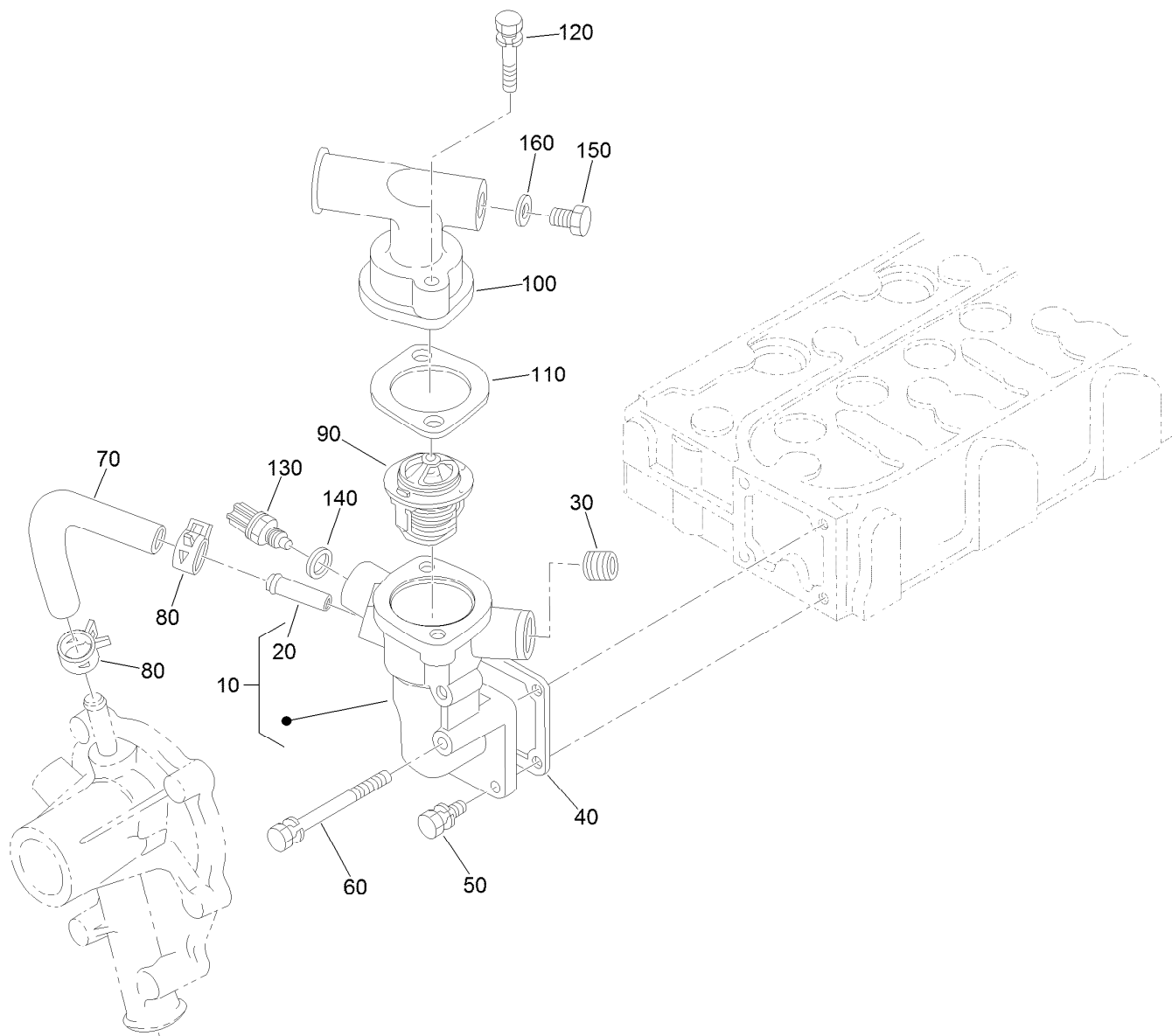
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 10          | 127-0495           | 1           | Starter ASM        |
| 20          | 98-7697            | 2           | Bolt               |
| 40          | 98-7739            | 1           | Nut                |
| 50          | 3253-4             | 1           | Washer-Lock        |



## Starter Assembly No. 127-0495

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 10   | 127-0495    | 1    | Starter ASM         |
| 20   | 100-2181    | 1    | Starter Yoke ASM    |
| 30   | 100-2222    | 1    | Holder ASM          |
| 35   | 127-0415    | 4    | Spring-Brush        |
| 40   | 100-2182    | 1    | Armature ASM        |
| 45   | 98-9412     | 1    | Bearing-Ball        |
| 47   | 98-9411     | 1    | Bearing-Ball        |
| 50   | 100-2185    | 1    | Starter Clutch ASM  |
| 60   | 127-0490    | 1    | Starter Housing ASM |
| 70   | 100-2183    | 1    | Bearing             |
| 80   | 127-0449    | 1    | Frame ASM           |
| 90   | 100-2213    | 1    | Cover               |
| 100  | 100-2223    | 1    | Bearing ASM         |
| 105  | 127-0414    | 1    | Bearing             |
| 110  | 100-2187    | 1    | Starter Shaft ASM   |
| 120  | 100-2220    | 3    | Gear                |

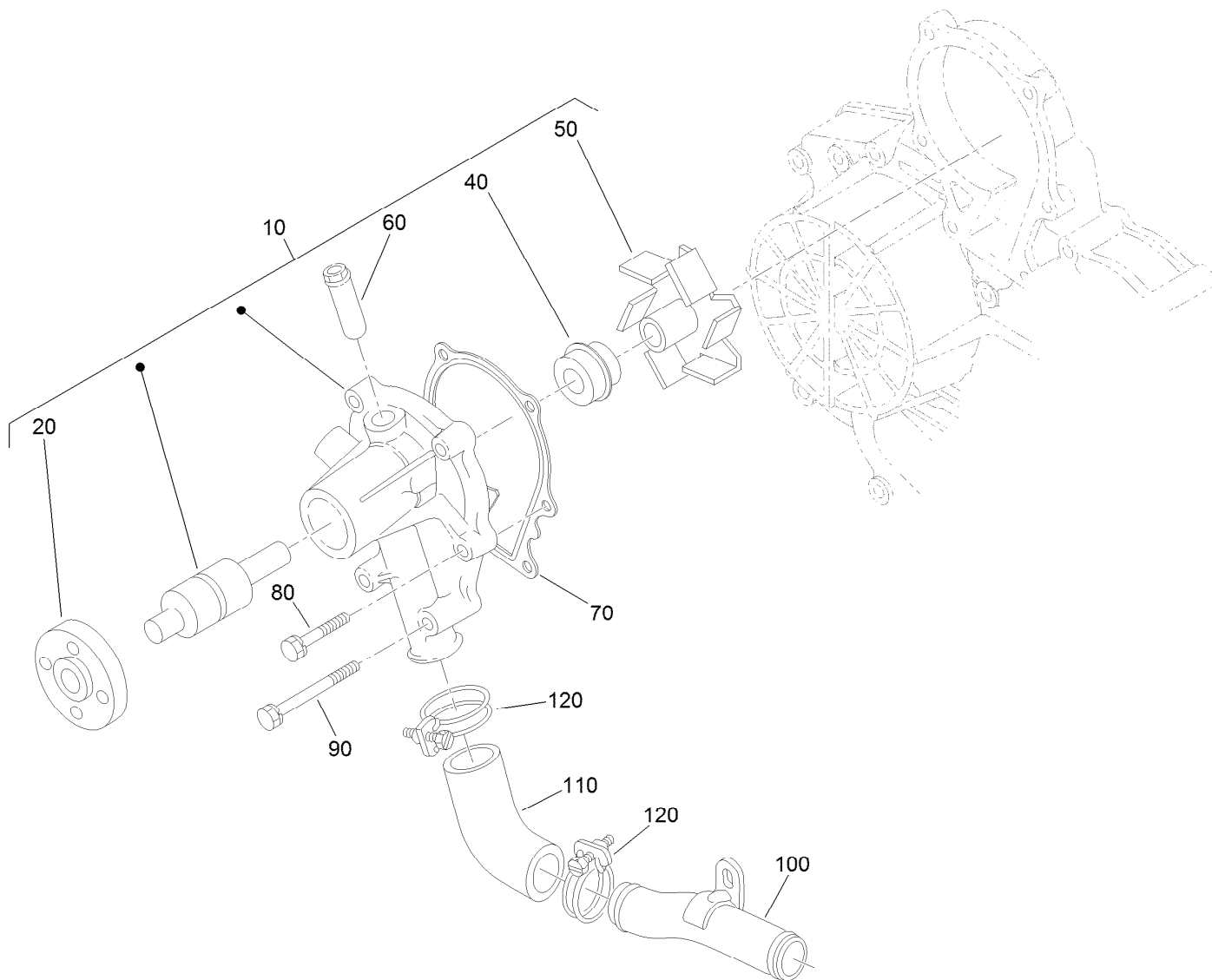
| Ref. | Part Number | Qty. | Description     |
|------|-------------|------|-----------------|
| 130  | 100-2221    | 1    | Gear            |
| 135  | 98-7750     | 4    | Spring-Brush    |
| 140  | 100-2218    | 1    | Lever           |
| 150  | 127-0448    | 1    | Switch-Magnetic |
| 160  | 100-2219    | 1    | Ring-Snap       |
| 165  | 112-2833    | 1    | Gear-Pinion     |
| 170  | 100-2212    | 1    | Ring-Snap       |
| 180  | 100-2216    | 1    | Collar          |
| 190  | 100-2224    | 1    | Washer-Plain    |
| 200  | 100-2225    | 1    | Washer-Plain    |
| 210  | 100-2226    | 1    | Washer-Plain    |
| 220  | 100-2227    | 1    | Plate           |
| 230  | 99-8371     | 1    | Nut-Hex         |
| 240  | 100-1813    | 2    | Nut             |
| 250  | 100-2210    | 2    | Bolt-Through    |
| 280  | 100-2188    | 2    | Screw           |



## Water Flange and Thermostat Assembly

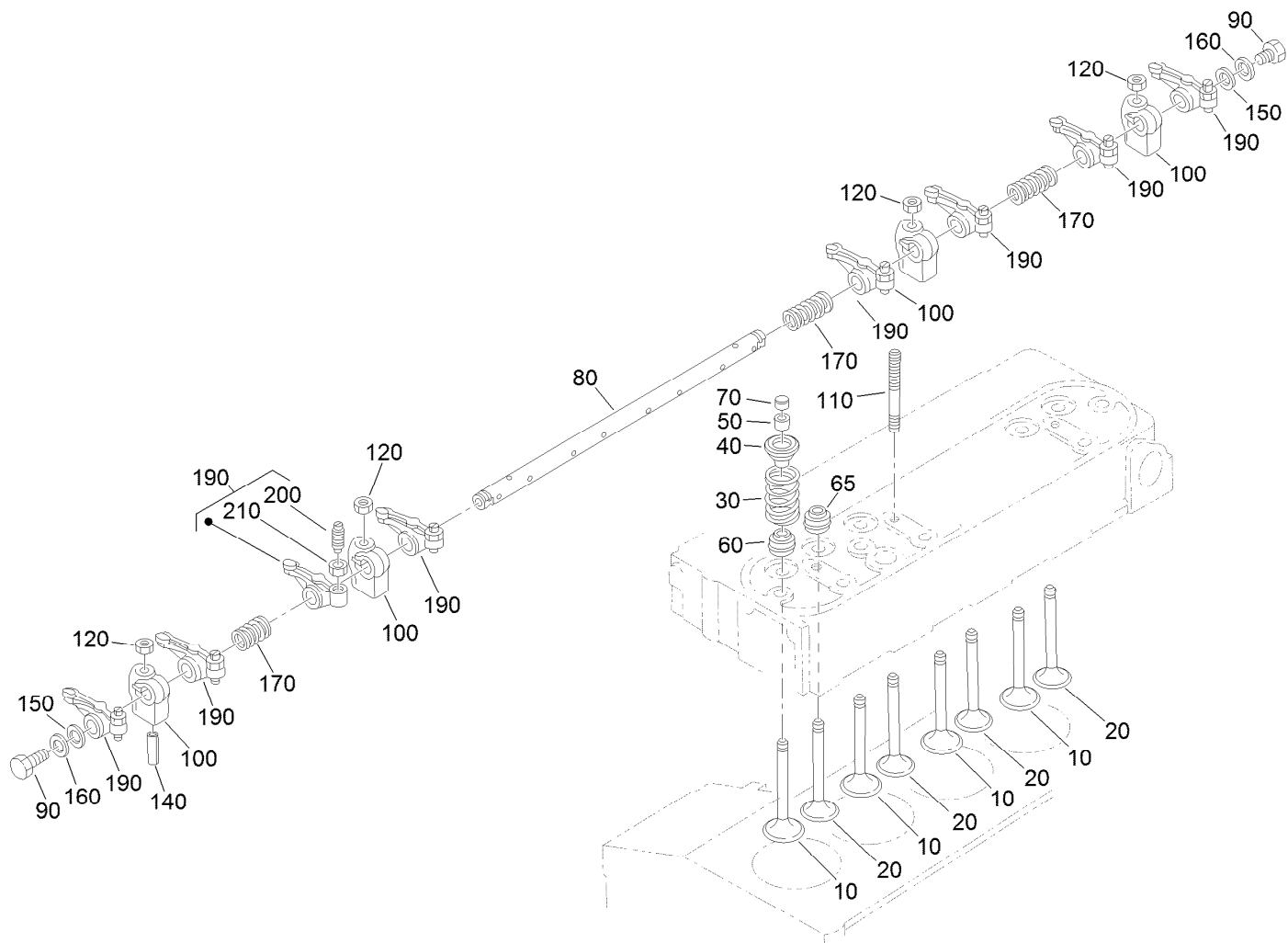
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 10   | 127-0435    | 1    | Water Flange ASM     |
| 20   | 98-9580     | 1    | Pipe-Return, Water   |
| 30   | 105-2874    | 1    | Plug                 |
| 40   | 98-9638     | 1    | Gasket-Flange, Water |
| 50   | 98-7692     | 3    | Bolt                 |
| 60   | 98-9356     | 1    | Bolt                 |
| 70   | 98-9578     | 1    | Pipe-Return, Water   |
| 80   | 125-9078    | 2    | Clamp-Hose           |

| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 90   | 98-7778     | 1    | Thermostat ASM            |
| 100  | 108-2869    | 1    | Cover-Thermostat          |
| 110  | 105-3748    | 1    | Gasket-Thermostat         |
| 120  | 98-7777     | 2    | Bolt                      |
| 130  | 125-9102    | 1    | Sensor-Temperature, Water |
| 140  | 127-0410    | 1    | Washer-Seal               |
| 150  | 108-2870    | 1    | Plug-Drain                |
| 160  | 100-9155    | 1    | Gasket                    |



## Water Pump Assembly

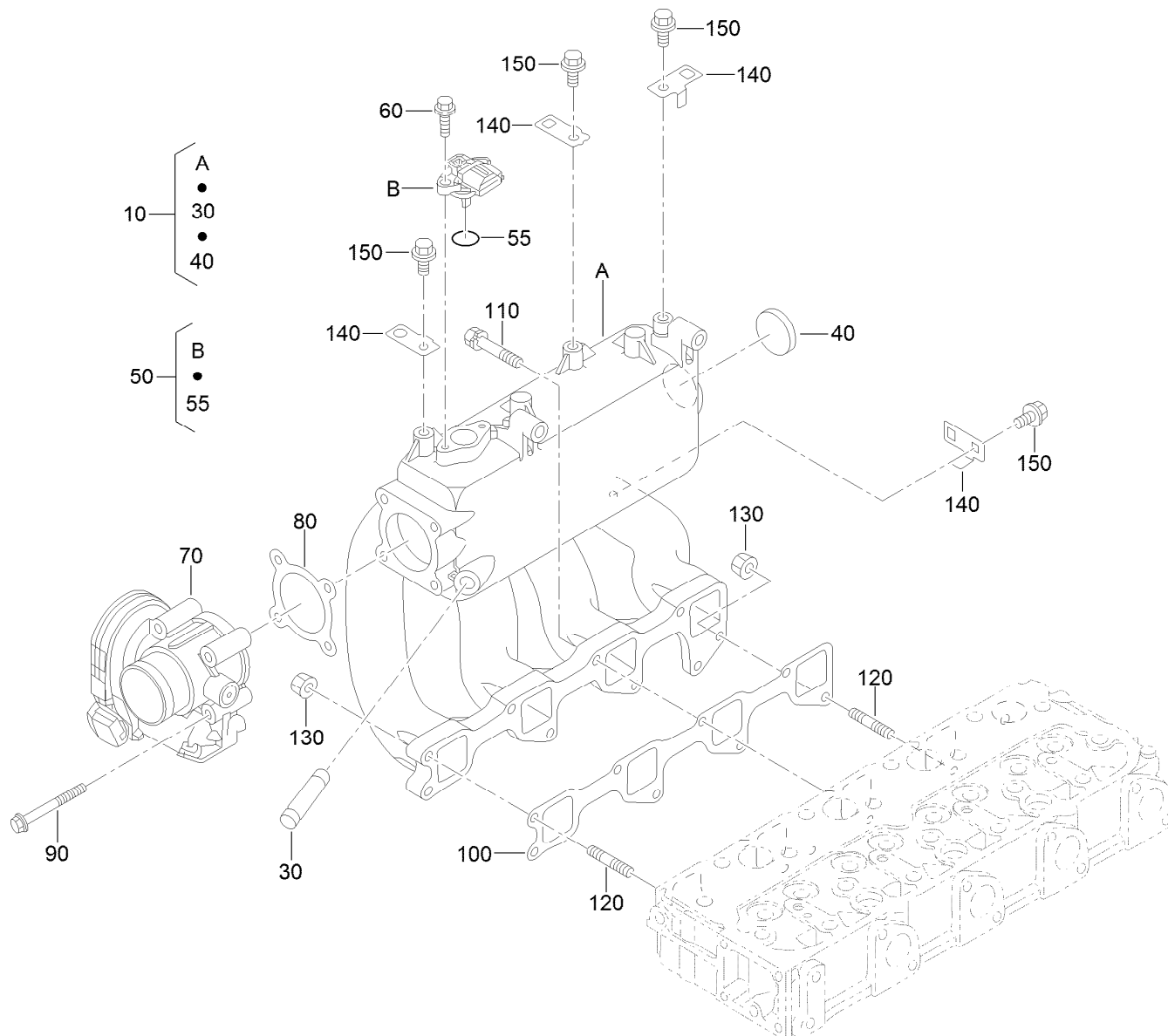
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 10   | 107-9089    | 1    | Water Pump ASM       |
| 20   | 99-3516     | 1    | Flange-Pump, Water   |
| 40   | 105-3750    | 1    | Mechanical Seal ASM  |
| 50   | 112-7017    | 1    | Impeller-Pump, Water |
| 60   | 100-1932    | 1    | Pipe-Return, Water   |
| 70   | 99-3454     | 1    | Gasket-Pump, Water   |
| 80   | 98-9353     | 4    | Bolt                 |
| 90   | 107-9090    | 2    | Bolt                 |
| 100  | 98-9716     | 1    | Pipe-Water           |
| 110  | 107-9091    | 1    | Pipe-Water           |
| 120  | 127-0439    | 2    | Clamp-Hose           |



## Valve and Rocker Arm Assembly

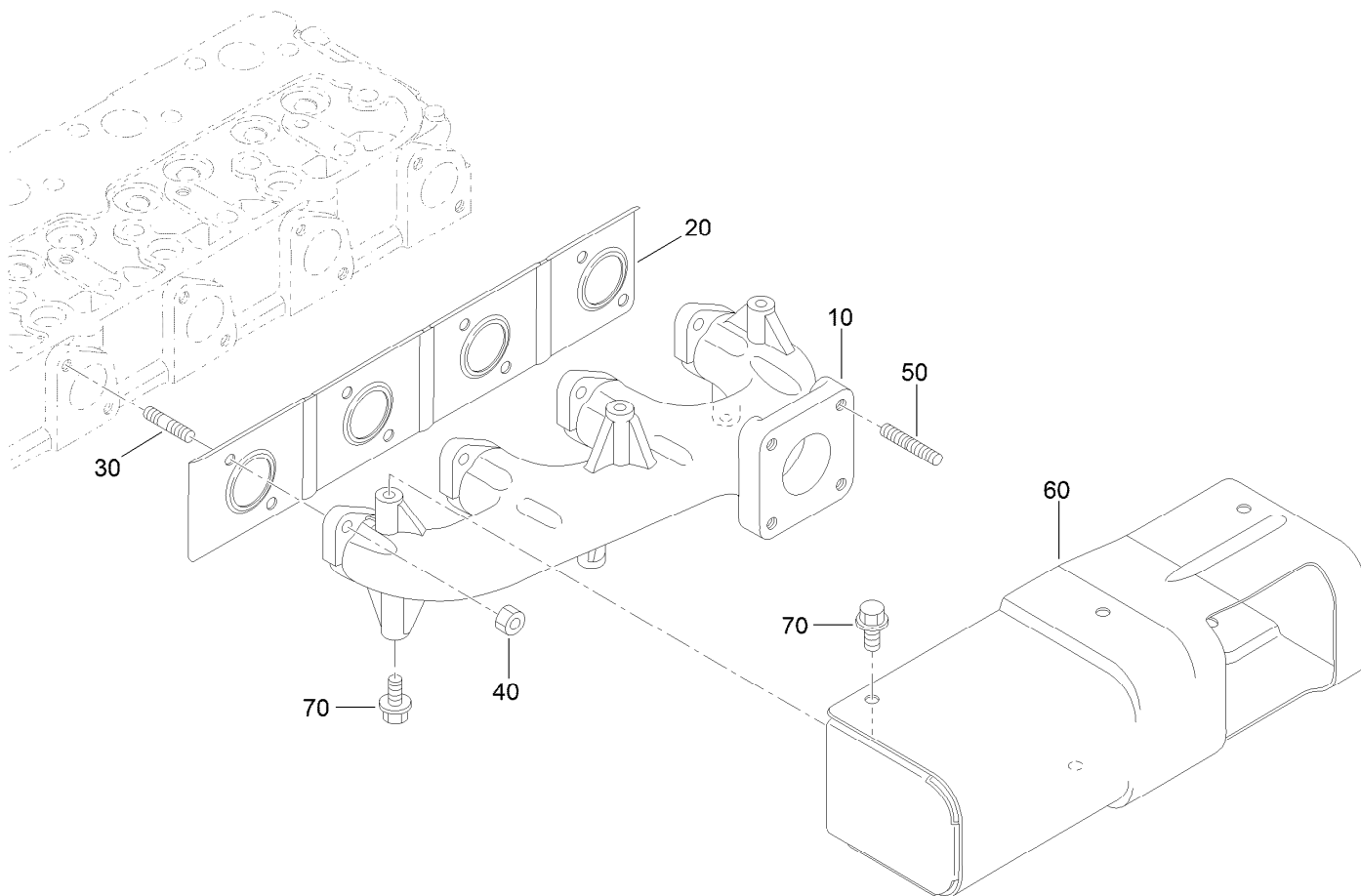
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 10   | 127-0475    | 4    | Valve-Intake         |
| 20   | 127-0476    | 4    | Valve-Exhaust        |
| 30   | 98-9626     | 8    | Spring-Valve         |
| 40   | 107-9092    | 8    | Retainer-Spring      |
| 50   | 117-7572    | 8    | Collet-Spring, Valve |
| 60   | 99-8385     | 4    | Seal-Stem, Valve     |
| 65   | 127-0477    | 4    | Seal-Stem, Valve     |
| 70   | 98-9497     | 8    | Cap-Valve            |
| 80   | 127-0420    | 1    | Shaft-Arm, Rocker    |
| 90   | 99-8363     | 2    | Bolt-Flange          |

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 100  | 98-9505     | 4    | Bracket-Arm, Rocker      |
| 110  | 98-9506     | 4    | Stud                     |
| 120  | 131-6563    | 4    | Nut-Flange               |
| 140  | 105-3758    | 1    | Pin-Spring               |
| 150  | 98-9507     | 2    | Washer-Shaft, Rocker Arm |
| 160  | 110-3832    | 2    | Washer-Plain             |
| 170  | 98-9504     | 3    | Spring-Arm, Rocker       |
| 190  | 112-7020    | 8    | Rocker Arm ASM           |
| 200  | 98-9502     | 8    | Screw-Adjusting          |
| 210  | 98-9503     | 8    | Nut                      |



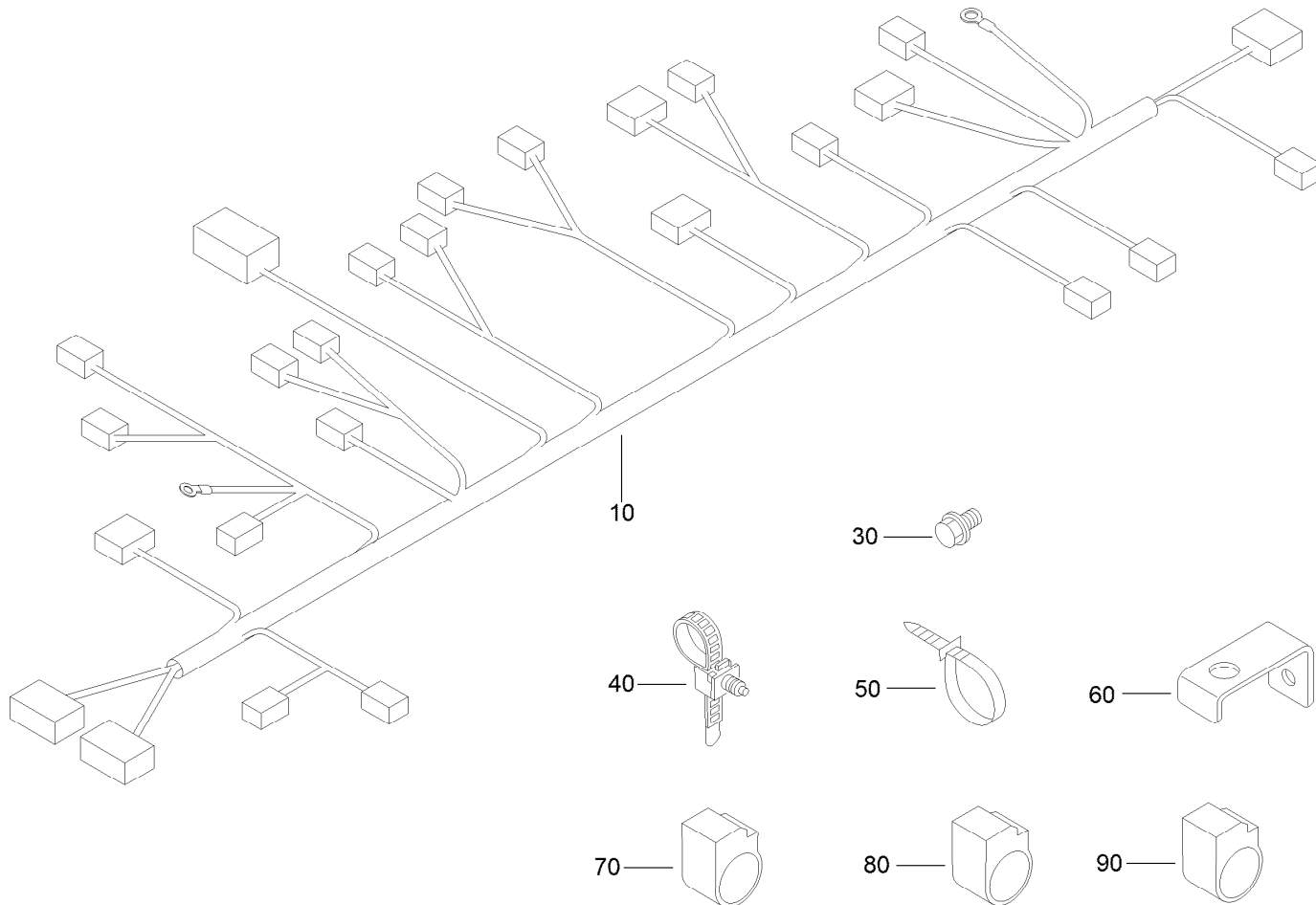
## Inlet Manifold Assembly

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 10   | 127-0471    | 1    | Manifold-Intake      |
| 30   | 127-0470    | 1    | Joint-Tube, Breather |
| 40   | 98-7539     | 1    | Cap-Sealing          |
| 50   | 125-9110    | 1    | Sensor (Tmap)        |
| 55   | 125-9112    | 1    | O Ring               |
| 60   | 125-9111    | 2    | Bolt-Flange          |
| 70   | 127-0492    | 1    | Throttle Body ASM    |
| 80   | 127-0493    | 1    | Gasket-Throttle      |
| 90   | 127-0405    | 1    | Bolt-Flange          |
| 100  | 127-0472    | 1    | Gasket-Intake        |
| 110  | 98-9352     | 6    | Bolt                 |
| 120  | 125-9092    | 2    | Stud                 |
| 130  | 100-2203    | 2    | Nut-Flange           |
| 140  | 127-0496    | 4    | Bracket-Harness      |
| 150  | 100-1774    | 4    | Bolt-Flange          |



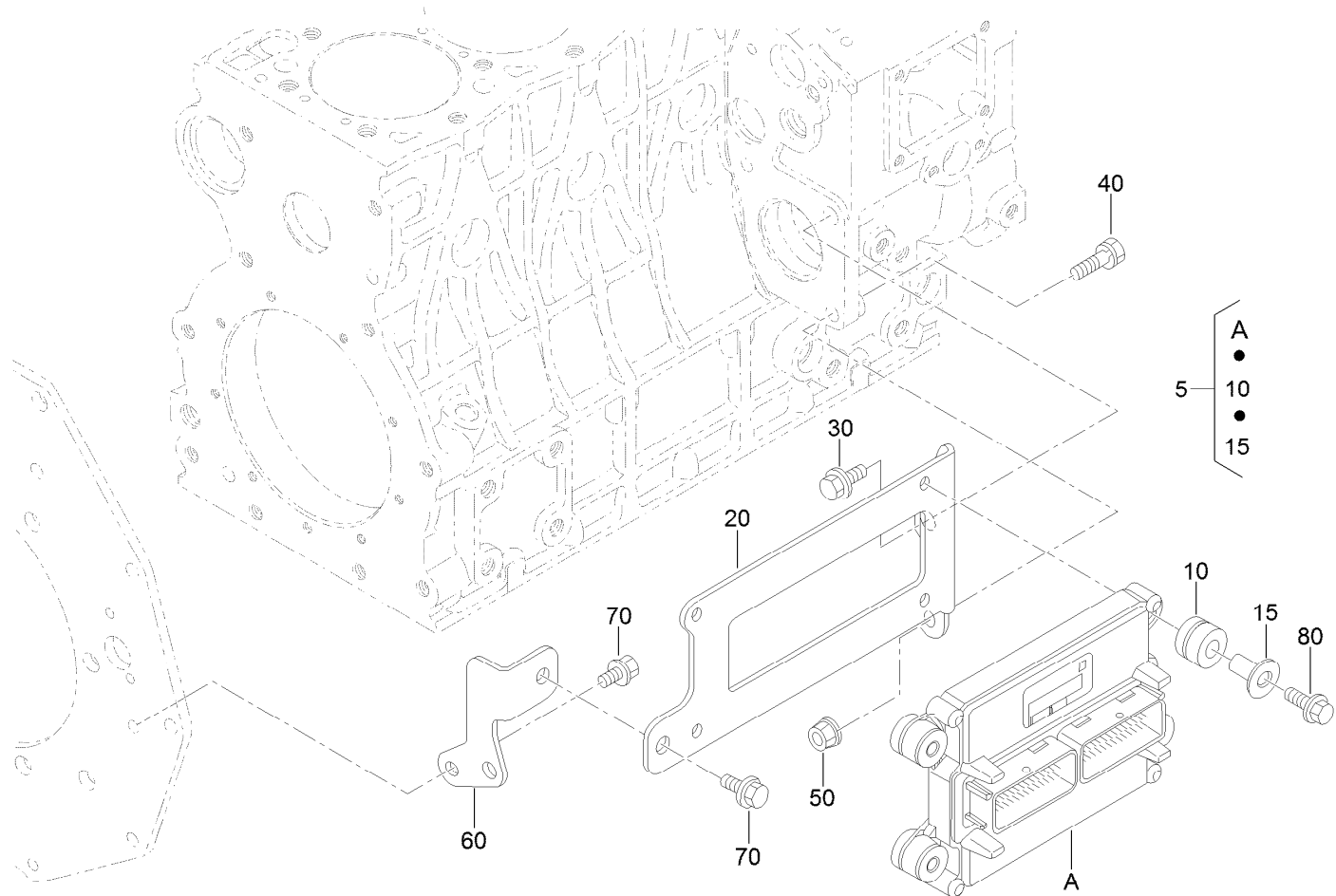
## Exhaust Manifold Assembly

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>       |
|-------------|--------------------|-------------|--------------------------|
| 10          | 131-9592           | 1           | Manifold-Exhaust         |
| 20          | 127-0474           | 1           | Gasket-Manifold, Exhaust |
| 30          | 127-0507           | 8           | Stud                     |
| 40          | 98-9665            | 8           | Nut                      |
| 50          | 127-0446           | 4           | Stud                     |
| 60          | 131-9593           | 1           | Cover-Exhaust            |
| 70          | 99-8363            | 6           | Bolt-Flange              |



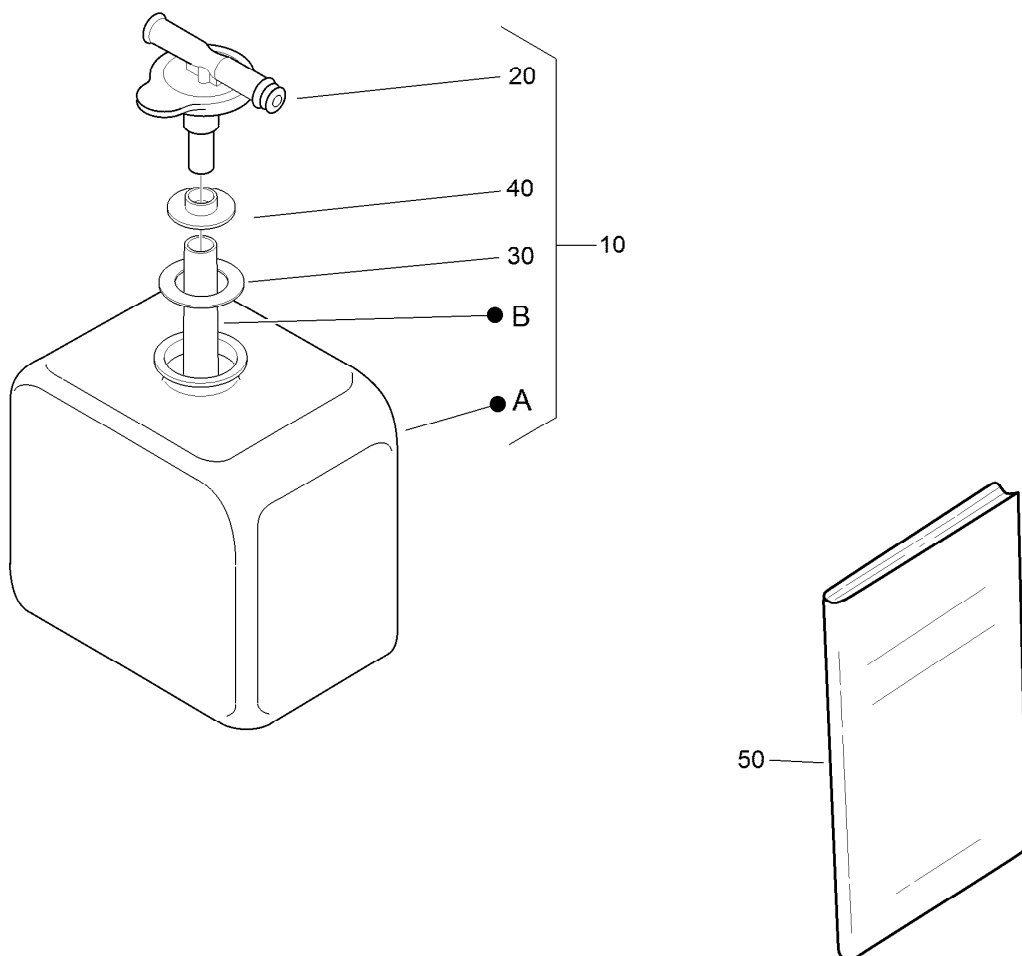
## Wire Harness Assembly

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 10   | 127-0450    | 1    | Wire Harness ASM |
| 30   | 115-8504    | 1    | Bolt-Flange      |
| 40   | 127-0515    | 1    | Clamp            |
| 50   | 127-0447    | 4    | Band-Cord        |
| 60   | 127-0497    | 1    | Bracket-Harness  |
| 70   | 127-0514    | 1    | Clamp            |
| 80   | 127-0513    | 2    | Clamp            |
| 90   | 127-0512    | 1    | Clamp            |



## Electronic Control Unit Assembly

| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 5    | 131-9594    | 1    | Electronic Control Unit ASM |
| 10   | 127-0501    | 4    | Rubber-Cushion              |
| 15   | 127-0500    | 4    | Spacer (E C U)              |
| 20   | 127-0502    | 1    | Stay-E C M                  |
| 30   | 127-0406    | 1    | Bolt-Flange                 |
| 40   | 98-7697     | 1    | Bolt                        |
| 50   | 112-2492    | 1    | Nut-Flange                  |
| 60   | 127-0503    | 1    | Stay-E C M                  |
| 70   | 115-8504    | 2    | Bolt-Flange                 |
| 80   | 125-9094    | 4    | Bolt-Flange                 |



## Miscellaneous Engine Parts

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 10          | 108-0638           | 1           | Bottle-Overflow    |
| 20          | 105-3754           | 1           | Cap                |
| 30          | 105-3755           | 1           | Gasket             |
| 40          | 105-3756           | 1           | Plate              |
| 50          | 131-9597           | 1           | Manual-Operator    |

# Attachments and Accessories

## For 41594 Multi Pro 5800 Turf Sprayer

| Product Name                                                        | Model/Part  |
|---------------------------------------------------------------------|-------------|
| Speedometer Kit.....                                                | 106-4839    |
| Premium All Season Hydraulic Fluid (55 Gallon Drum) .....           | 108-1177    |
| Premium All Season Hydraulic Fluid (5 Gallon Pail) .....            | 108-1178    |
| Premium Heavy Duty All Season Gear Lube (Pail) .....                | 108-1188    |
| Premium All Purpose Grease (Tube) .....                             | 108-1190    |
| Premium Heavy Duty All Season Gear Lube (Quart) .....               | 108-1591    |
| Spark Arrestor .....                                                | 115-2919    |
| Tire .....                                                          | 119-6021    |
| Beacon Kit .....                                                    | 120-8505    |
| License Plate Kit.....                                              | 120-8506    |
| Covered Boom Spring Upgrade Kit.....                                | 120-8508    |
| Premium Engine Oil 10w30 (55 Gallon Drum) .....                     | 121-6392    |
| Premium Engine Oil 10w30 (5 Gallon Pail) .....                      | 121-6393    |
| Wheel And Tire Asm .....                                            | 127-1100    |
| Foam Marker Finish Kit.....                                         | 127-9797    |
| Lance Suction Assembly .....                                        | 127-9826    |
| Ultra Sonic Boom Finishing Kit.....                                 | 130-8229    |
| Right Hand Step Kit .....                                           | 130-8230    |
| Left Hand Step Kit.....                                             | 130-8231    |
| Foam Marker Finishing Kit.....                                      | 130-8292    |
| Wheel Plate .....                                                   | 131-5842-03 |
| GeoLink Spray System Finishing Kit.....                             | 131-7260    |
| Manual Spray Kit .....                                              | 132-5570    |
| Single Nozzle Kit.....                                              | 41023       |
| Hand Spray Wand Kit .....                                           | 41118       |
| Pro Foam Concentrate (4 x 1 Gallon) .....                           | 41157       |
| Ultra Sonic Boom Leveling Kit .....                                 | 41219       |
| Foam Marker Kit .....                                               | 41232       |
| Drift Reduction Boom Shroud Kit .....                               | 41602       |
| Homologation Kit .....                                              | 41603       |
| Pro Control Spray System .....                                      | 41604       |
| Pro-Foam.....                                                       | 41607       |
| EU Compliance Kit.....                                              | 41608       |
| Tank Rinse Kit.....                                                 | 41614       |
| Pivoting Hose Reel Kit .....                                        | 41621       |
| Eductor Kit .....                                                   | 41622       |
| GeoLink Precision Spray System .....                                | 41623       |
| CDMA RTK Correction Modem Kit, GeoLink Precision Spray System ..... | 41624       |
| GSM RTK Correction Modem Kit, GeoLink Precision Spray System.....   | 41625       |
| GeoLink Reference Antenna Kit .....                                 | 41626       |

**Notes:**



**Count on it.**