



**Count on it.**

Form No. 3483-496 Rev A

# Parts Catalog

## Reelmaster® 3555 Traction Unit

Model No. 03820—Serial No. 419000000 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.

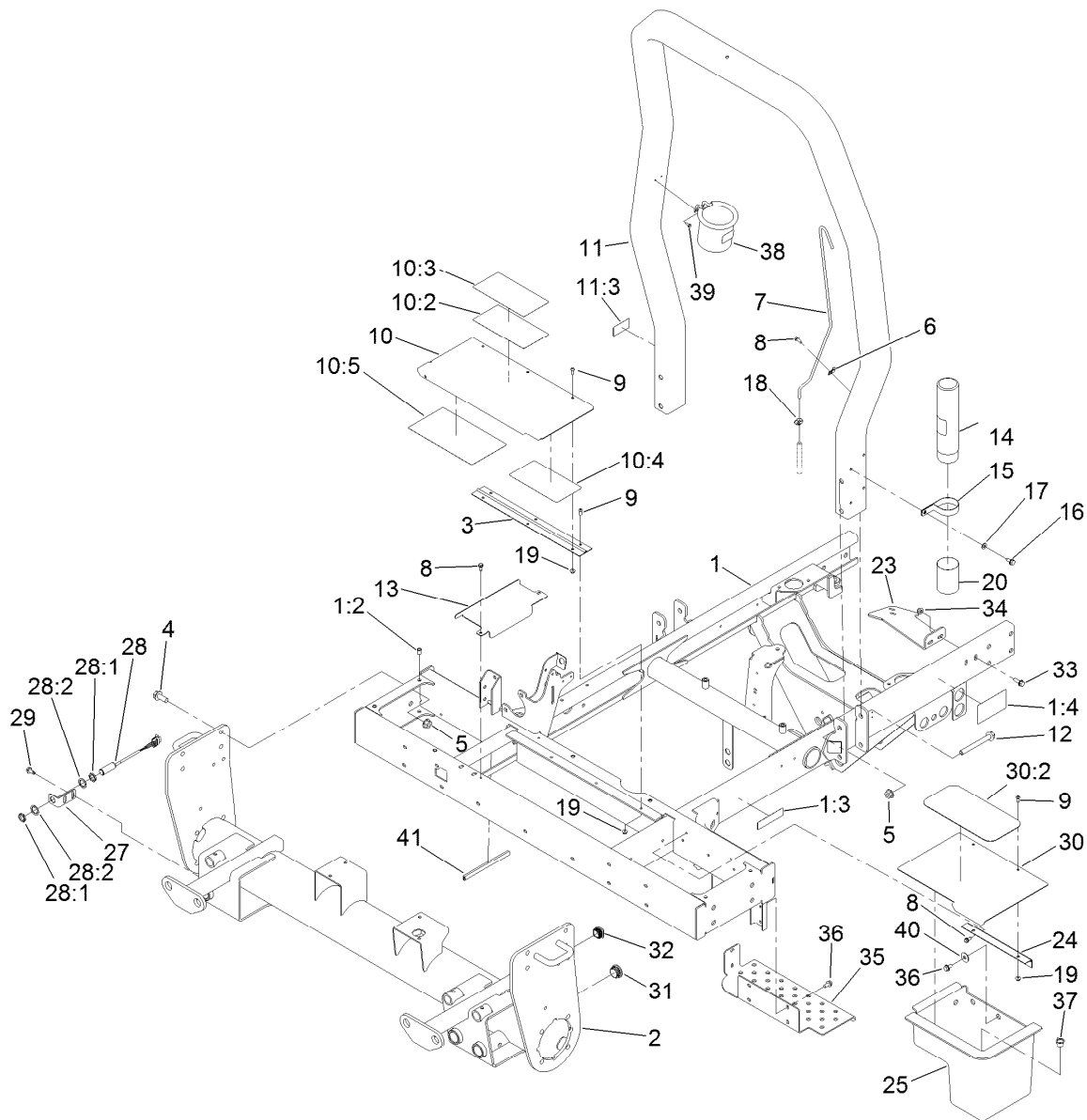
For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

# Contents

|                                                   |    |
|---------------------------------------------------|----|
| Frame and Front Axle Assembly .....               | 5  |
| Engine Mount Assembly .....                       | 7  |
| Muffler and Air Cleaner Assembly .....            | 8  |
| Air Cleaner Assembly No. 93-2190 .....            | 9  |
| Radiator and Oil Cooler Assembly .....            | 10 |
| No. 1, No. 4 and No. 5 Lift Arm Assembly .....    | 11 |
| Hydraulic Cylinder Assembly No. 163-3531 .....    | 13 |
| Hydraulic Cylinder Assembly No. 163-3533 .....    | 14 |
| No. 2 and No. 3 Lift Arm Assembly .....           | 15 |
| Hydraulic Cylinder Assembly No. 163-3535 .....    | 17 |
| Fuel Tank and Filter Assembly .....               | 18 |
| Hydraulic Tank and Filter Assembly .....          | 19 |
| Battery Assembly .....                            | 20 |
| Seat and Heat-Shield Assembly .....               | 21 |
| Seat Assembly No. 116-3998 .....                  | 22 |
| Control Panel Assembly .....                      | 23 |
| Joystick Bracket Assembly No. 120-5280 .....      | 24 |
| Parking Brake Assembly .....                      | 25 |
| Main Wire Harness Assembly .....                  | 26 |
| Steering Arm Assembly .....                       | 27 |
| Steering Valve Assembly No. 144-2099 .....        | 28 |
| Front Shroud and Floorplate Assembly .....        | 29 |
| Traction Control Assembly .....                   | 31 |
| Hood and Screen Assembly .....                    | 32 |
| Wheel and Brake Assembly .....                    | 33 |
| Hydraulic Motor Assembly No. 110-8786 .....       | 34 |
| Hydraulic Motor Assembly No. 110-8785 .....       | 35 |
| Brake Assembly No. 127-8535 .....                 | 36 |
| Rear Fork Assembly .....                          | 37 |
| Steering Cylinder Assembly No. 121-7835 .....     | 38 |
| Hydraulic Motor Assembly No. 95-8694 .....        | 39 |
| Neutral Arm Assembly .....                        | 40 |
| Piston Pump and Gear Pump Assembly .....          | 41 |
| Hydraulic Pump Assembly No. 104-4890 .....        | 42 |
| Hydraulic Gear Pump Assembly No. 121-7841 .....   | 44 |
| Traction Hydraulic Assembly .....                 | 45 |
| Lift Hydraulic Assembly .....                     | 46 |
| Lift Manifold Assembly No. 138-6998 .....         | 47 |
| Miscellaneous Tools Assembly .....                | 48 |
| Front Mow Hydraulic Circuit Assembly .....        | 49 |
| Mow Manifold Assembly No. 139-6025 .....          | 51 |
| Hydraulic Reel Motor Assembly No. 120-2072 .....  | 52 |
| Rear Mow Hydraulic Circuit Assembly .....         | 53 |
| Crankcase Assembly .....                          | 55 |
| Oil Pan and Dipstick Assembly .....               | 56 |
| Cylinder Head Assembly .....                      | 57 |
| Gear Case and Oil Filter Cartridge Assembly ..... | 58 |
| Cylinder Head Cover Assembly .....                | 59 |
| Main Bearing Case Assembly .....                  | 60 |
| Camshaft and Idle Gear Shaft Assembly .....       | 61 |
| Piston and Crankshaft Assembly .....              | 62 |
| Fuel Camshaft and Governor Shaft Assembly .....   | 63 |
| Idle Apparatus and Stop Solenoid Assembly .....   | 64 |
| Solenoid Assembly .....                           | 65 |

## Contents (continued)

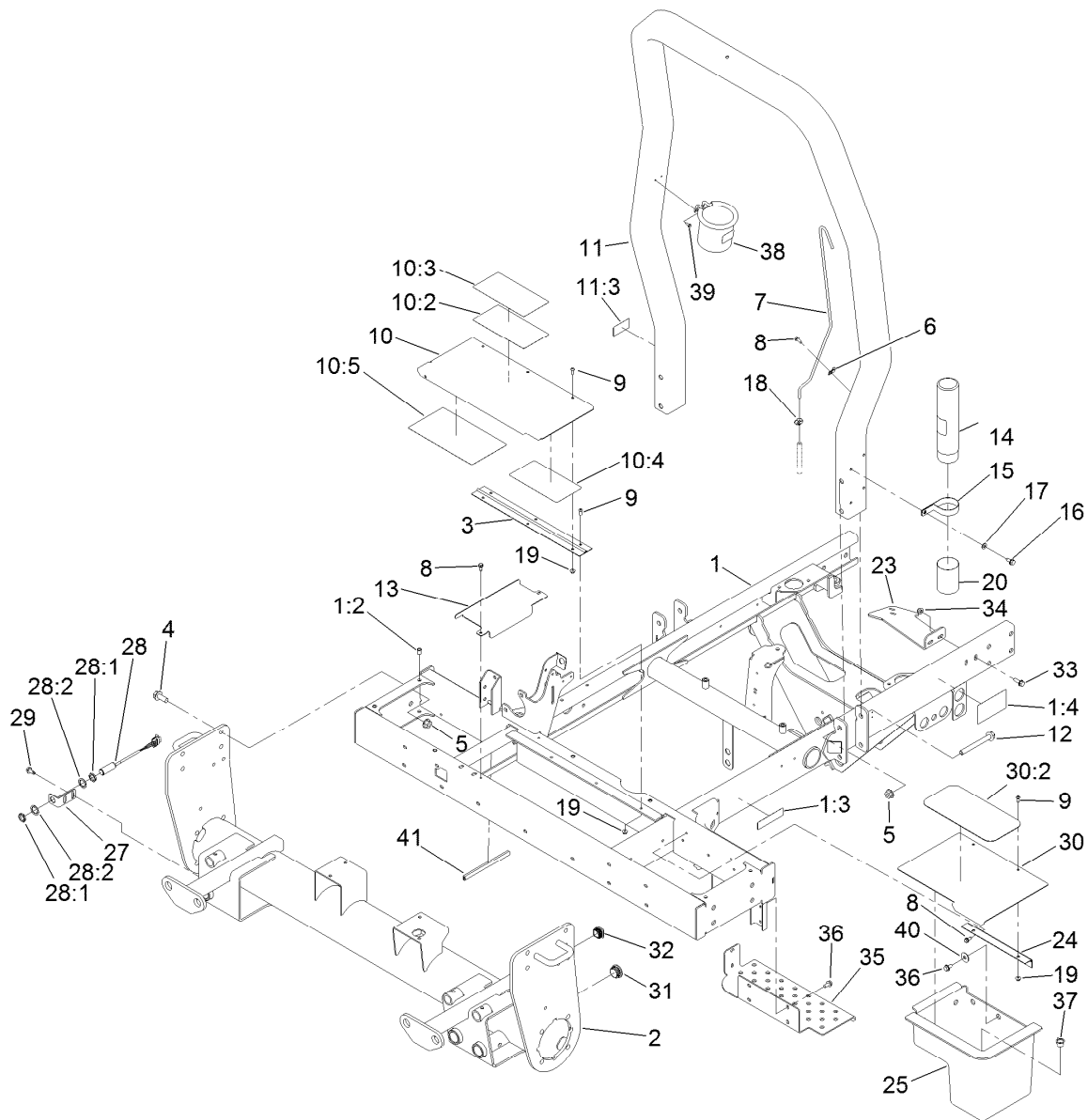
|                                            |    |
|--------------------------------------------|----|
| Injection Pump Assembly .....              | 66 |
| Governor Assembly .....                    | 67 |
| Speed Control Plate Assembly .....         | 68 |
| Nozzle Holder and Glow Plug Assembly ..... | 69 |
| Nozzle Holder Assembly .....               | 70 |
| Alternator, Pulley and Fan Assembly .....  | 71 |
| Alternator Assembly No. 131-6557 .....     | 72 |
| Starter and Flywheel Assembly .....        | 73 |
| Starter Component Assembly .....           | 74 |
| Water Flange and Thermostat Assembly ..... | 75 |
| Water Pump Assembly .....                  | 76 |
| Valve and Rocker Arm Assembly .....        | 77 |
| Inlet and Exhaust Manifold Assembly .....  | 78 |
| Miscellaneous Engine Parts .....           | 79 |
| Attachments and Accessories .....          | 80 |



## Frame and Front Axle Assembly

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 133-4935    | 1    | Frame ASM              |
| 1:2  | 32148-6     | 3    | Nut-Clinch             |
| 1:3  | 133-8062    | 1    | Decal-Spark Arrestor   |
| 1:4  | 117-3270    | 2    | Decal-Danger           |
| 2    | 127-8433-03 | 1    | Front Axle ASM         |
| 3    | 127-8517    | 1    | Hinge-Toolbox          |
| 4    | 3234-38     | 8    | Screw-HHF              |
| 5    | 32128-49    | 12   | Nut-HHF                |
| 6    | 2412-72     | 2    | Clip-Closed, Insulated |
| 7    | 95-8615     | 1    | Tube-Breather          |
| 8    | 32144-10    | 6    | Screw-HWH              |
| 9    | 119-6906    | 8    | Screw-HSBH             |
| 10   | 127-8515    | 1    | Toolbox Cover ASM      |
| 10:2 | 120-1683    | 1    | Decal-Danger           |
| 10:3 | 138-1186    | 1    | Decal-Danger           |
| 10:4 | 121-7884    | 1    | Decal-Reel Speed       |
| 10:5 | 136-3718    | 1    | Decal-Service          |
| 11   | 127-8493    | 1    | ROPS ASM               |
| 11:3 | 136-3702    | 1    | Decal-Safety, ROPS     |
| 12   | 117-3176    | 4    | Screw-HHF              |
| 13   | 127-8547-01 | 1    | Cover-Battery, Inner   |

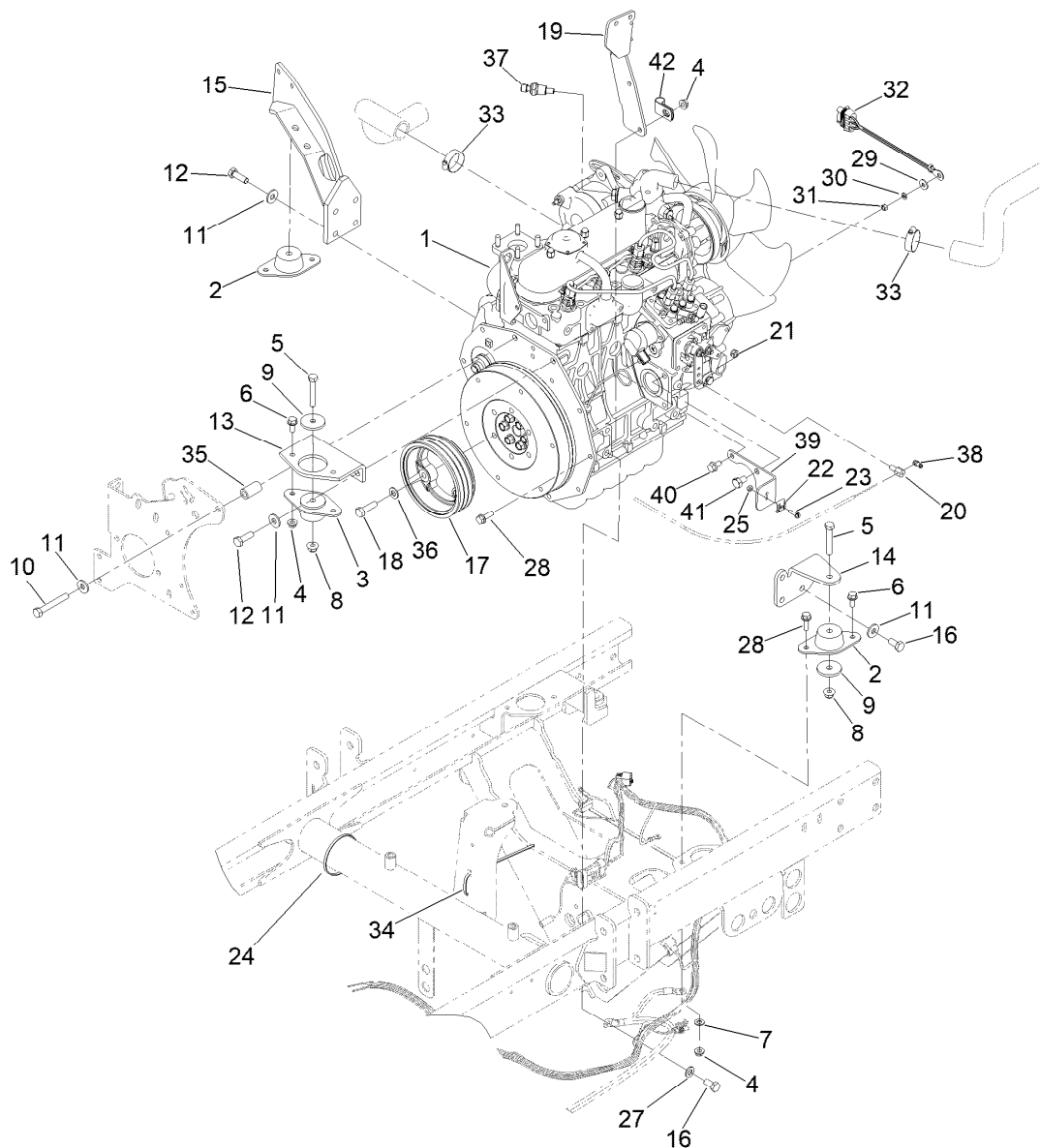
| Ref. | Part Number | Qty. | Description                  |
|------|-------------|------|------------------------------|
| 14   | 104-7050    | 1    | Tube-Manual                  |
| 15   | 2412-133    | 2    | Clamp-R                      |
| 16   | 32144-70    | 2    | Screw-HWHTF                  |
| 17   | 3256-23     | 2    | Washer-Plain                 |
| 18   | 2412-108    | 1    | Clamp-Worm                   |
| 19   | 32128-33    | 8    | Nut-HF                       |
| 20   | 104-7048    | 1    | Cap-Housing                  |
| 23   | 138-6940-0P | 1    | Bracket-Filter               |
| 24   | 127-8589    | 1    | Hinge-Toolbox                |
| 25   | 127-8590    | 1    | Box-Storage                  |
| 27   | 127-8520    | 1    | Bracket-Switch               |
| 28   | 115-5300    | 1    | Sensor, Proximity Sensor ASM |
| 28:1 | 117-3207    | 2    | Nut-Hex                      |
| 28:2 | 117-3208    | 2    | Washer-Lock, Internal Tooth  |
| 29   | 32104-32    | 2    | Screw-HWH                    |
| 30   | 127-8565    | 1    | Cover ASM                    |
| 30:2 | 75-0620     | 1    | Tread-Foot, LH               |
| 31   | 117-0946    | 3    | Plug-Plastic                 |
| 32   | 110-9013    | 2    | Caplug                       |
| 33   | 3234-29     | 2    | Screw-HHF                    |



## Frame and Front Axle Assembly (continued)

| Ref. | Part Number | Qty. | Description  |
|------|-------------|------|--------------|
| 34   | 32128-20    | 2    | Nut-HF       |
| 35   | 127-8443-03 | 1    | Step         |
| 36   | 32144-14    | 11   | Screw-HWHTF  |
| 37   | 2410-72     | 1    | Caplug (L-9) |

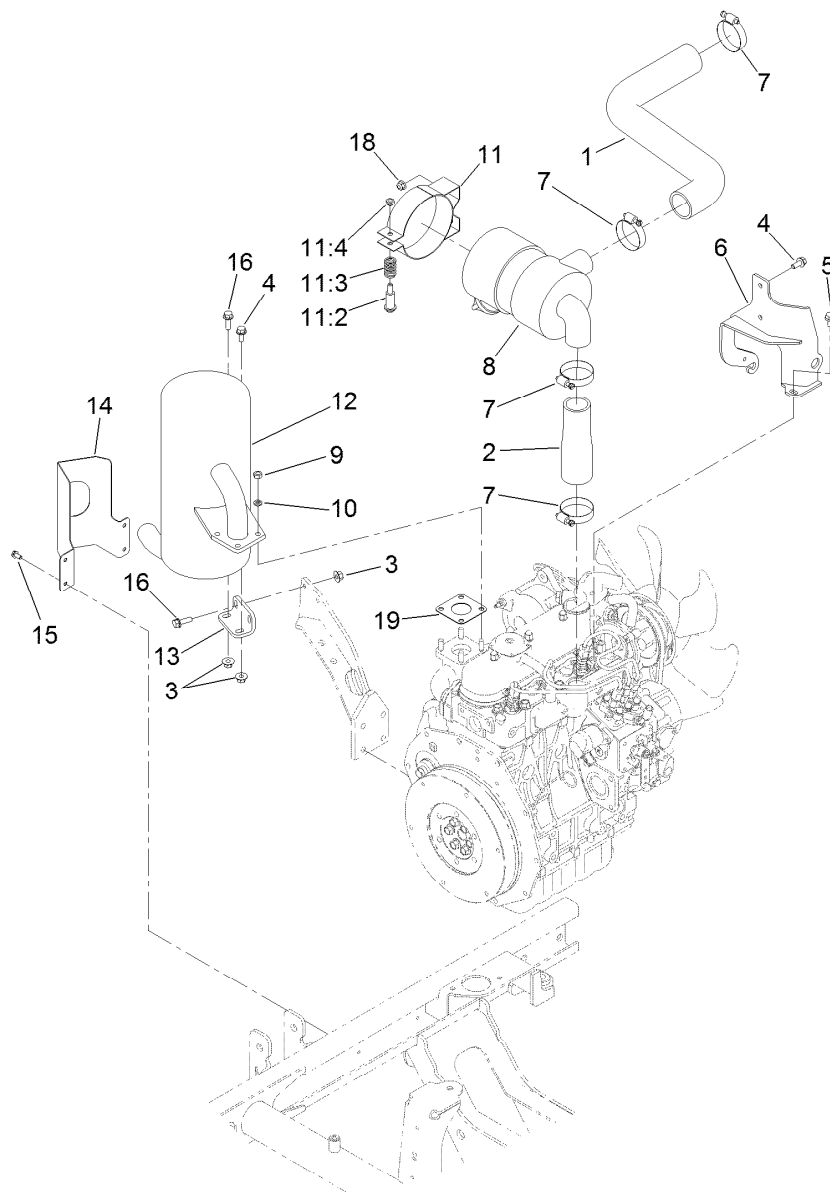
| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 38   | 161-8355    | 1    | Cup Holder ASM |
| 39   | 32144-1     | 2    | Screw-TapTite  |
| 40   | 3256-35     | 5    | Washer-Flat    |
| 41   | 127-6619    | 1    | Strip-Seal     |



## Engine Mount Assembly

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    | 145-2804    | 1    | Engine-Kubota, D1105       |
| 2    | 121-9076    | 2    | Mount-Engine               |
| 3    | 93-5265     | 1    | Mount-Engine               |
| 4    | 32128-20    | 8    | Nut-HF                     |
| 5    | 323-11      | 3    | Screw-HH                   |
| 6    | 3234-5      | 5    | Screw-HHF                  |
| 7    | 120-9683    | 1    | Washer-Plain               |
| 8    | 104-8301    | 3    | Nut-HF, NI                 |
| 9    | 80-8560     | 3    | Washer-Hardened            |
| 10   | 42-9370     | 1    | Screw-HH                   |
| 11   | 80-6990     | 9    | Washer-Hardened            |
| 12   | 95-8812     | 5    | Screw-HH                   |
| 13   | 99-3618-0P  | 1    | Mount-Engine, Front        |
| 14   | 95-8937-0P  | 1    | Mount-Engine, LH           |
| 15   | 100-4838-0P | 1    | Mount-Engine               |
| 16   | 63-7790     | 4    | Screw-Cap                  |
| 17   | 99-3626     | 1    | Pulley-3V                  |
| 18   | 56-2140     | 3    | Screw-HH                   |
| 19   | 115-3487-0P | 1    | Bracket-Mount, Fuel Filter |
| 20   | 98-9311     | 1    | Swivel-Throttle            |
| 21   | 3296-20     | 1    | Nut-Lock, NI               |

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 22   | 81-1690     | 1    | Clamp-Cable                |
| 23   | 32105-13    | 1    | Screw-HWH                  |
| 24   | 3290-379    | 2    | Tie-Cable                  |
| 25   | 3296-2      | 1    | Nut-Lock, NI               |
| 27   | 33095-00    | 1    | Washer-Flat                |
| 28   | 3234-17     | 3    | Screw-HHF                  |
| 29   | 3256-78     | 1    | Washer-Flat                |
| 30   | 43-5930     | 1    | Washer-Lock, Spring        |
| 31   | 48-7890     | 1    | Nut-Hex                    |
| 32   | 99-3441     | 1    | Harness-Wire, Fusible Link |
| 33   | 2412-34     | 2    | Clamp-Hose                 |
| 34   | 3290-378    | 14   | Tie-Cable                  |
| 35   | 95-8736     | 1    | Spacer                     |
| 36   | 3256-24     | 3    | Washer-Plain               |
| 37   | 119-4478    | 1    | Sender-Temperature         |
| 38   | 112-9919    | 1    | Stop-Cable, Throttle       |
| 39   | 110-9009-0P | 1    | Bracket-Cable, Throttle    |
| 40   | 33104-016   | 1    | Screw-HHF                  |
| 41   | 70-8470     | 1    | Screw-HH                   |
| 42   | 2412-138    | 1    | R-Clamp                    |

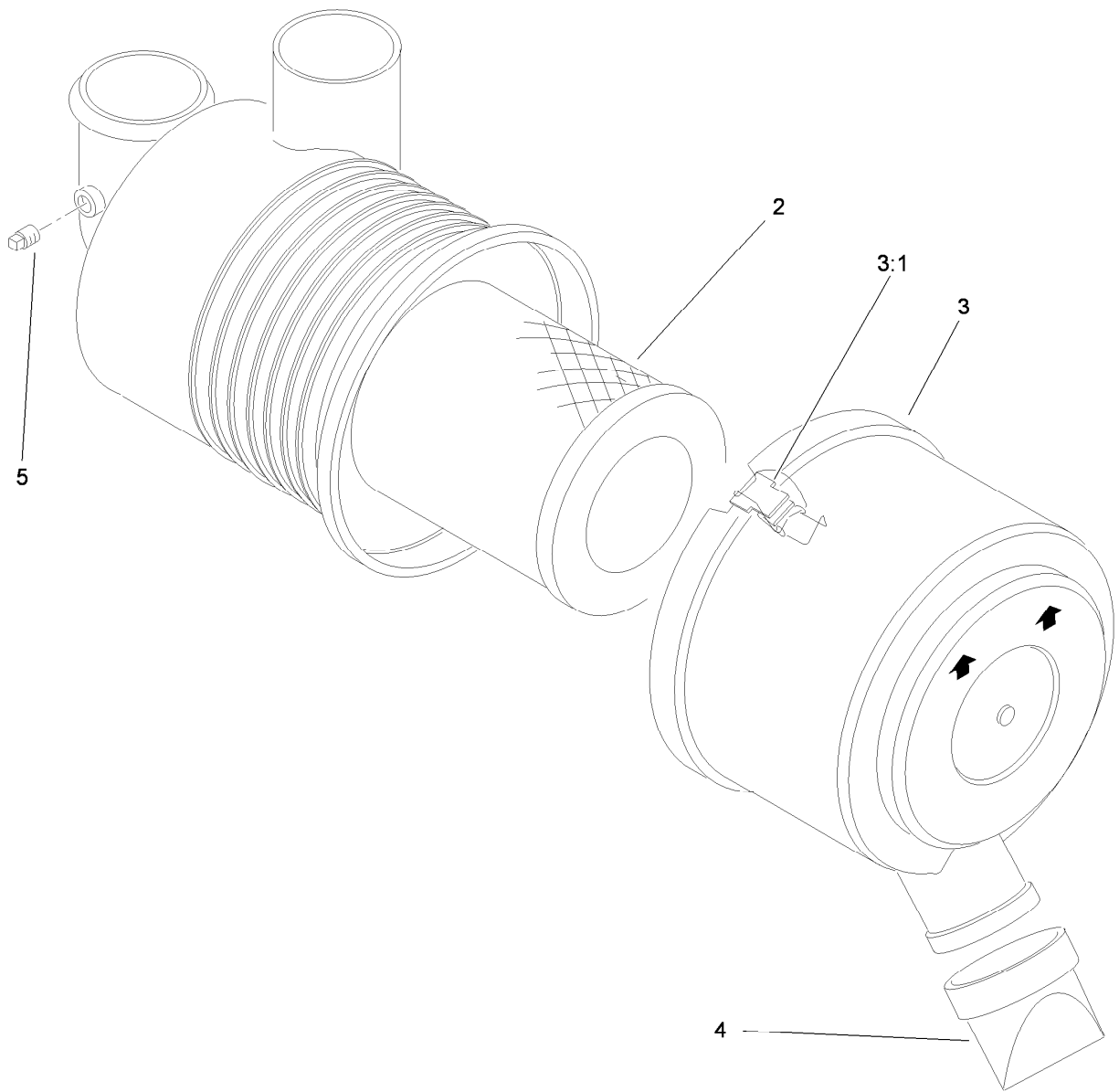


## Muffler and Air Cleaner Assembly

| Ref. | Part Number | Qty. | Description                   |
|------|-------------|------|-------------------------------|
| 1    | 121-7834    | 1    | Hose-Air Intake, Upper        |
| 2    | 95-8947     | 1    | Hose-Air Inlet, Lower         |
| 3    | 32128-44    | 4    | Nut                           |
| 4    | 3234-5      | 3    | Screw-HHF                     |
| 5    | 33104-016   | 3    | Screw-HHF                     |
| 6    | 136-3154-0P | 1    | Bracket-Cleaner, Air          |
| 7    | 2412-92     | 4    | Clamp-Hose                    |
| 8    | 93-2190     | 1    | Air Cleaner ASM               |
| 9    | 33014-00    | 4    | Nut-Hex                       |
| 10   | 3253-4      | 4    | Washer-Lock                   |
| 11   | 93-2191     | 1    | Air Cleaner Mounting Band ASM |

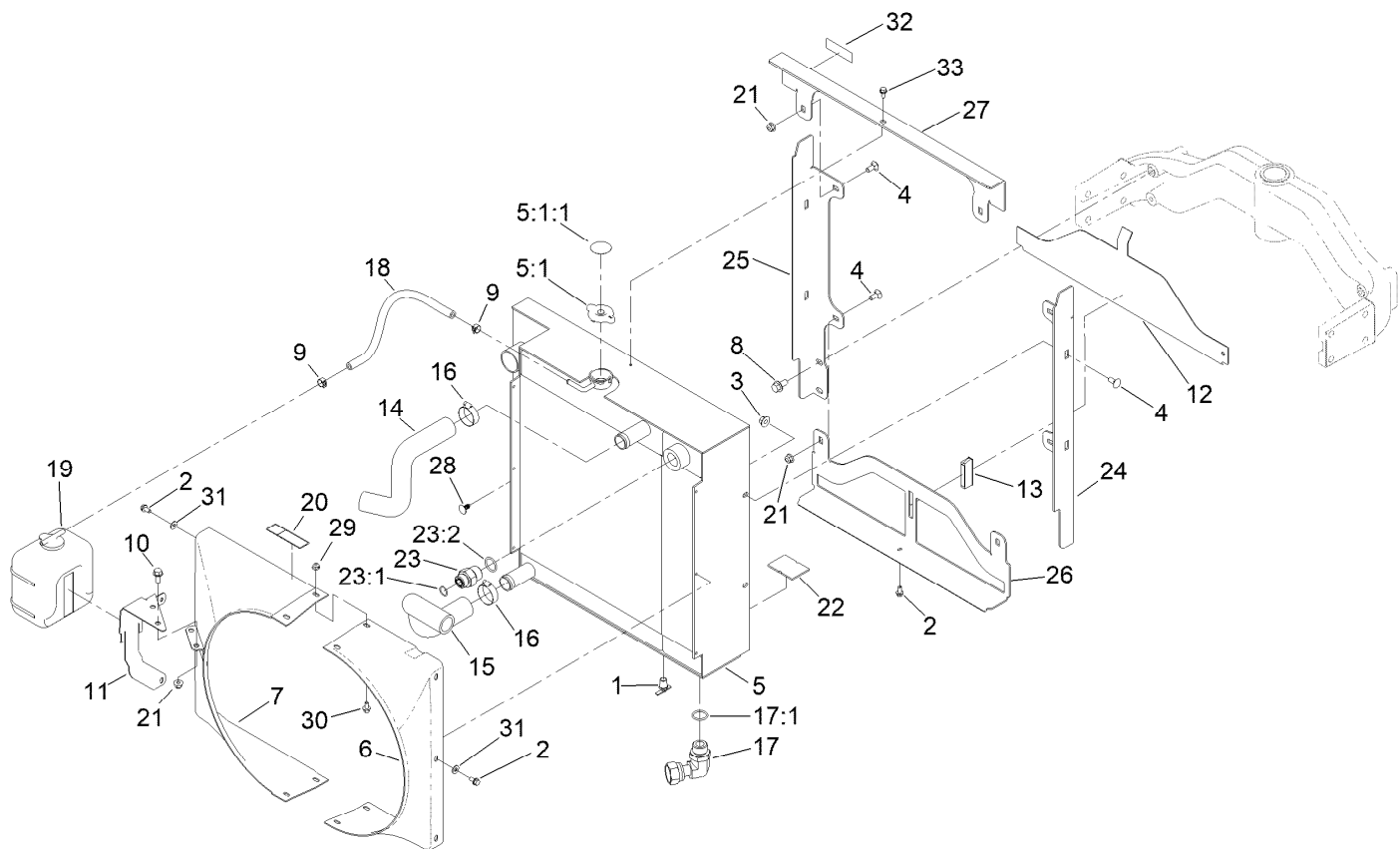
| Ref. | Part Number | Qty. | Description     |
|------|-------------|------|-----------------|
| 11:2 | 94-3653     | 1    | Bolt            |
| 11:3 | 94-3654     | 1    | Spring          |
| 11:4 | 33024-00    | 1    | Nut-Lock, NI    |
| 12   | 139-6013    | 1    | Muffler         |
| 13   | 95-8943-0P  | 1    | Bracket-Muffler |
| 14   | 140-7428-03 | 1    | Guard-Exhaust   |
| 15   | 32144-4     | 4    | Screw-HWH       |
| 16   | 3234-17     | 3    | Screw-HHF       |
| 18   | 104-8300    | 2    | Nut-HF, NI      |
| 19   | 98-9611     | 1    | Gasket          |





## Air Cleaner Assembly No. 93-2190

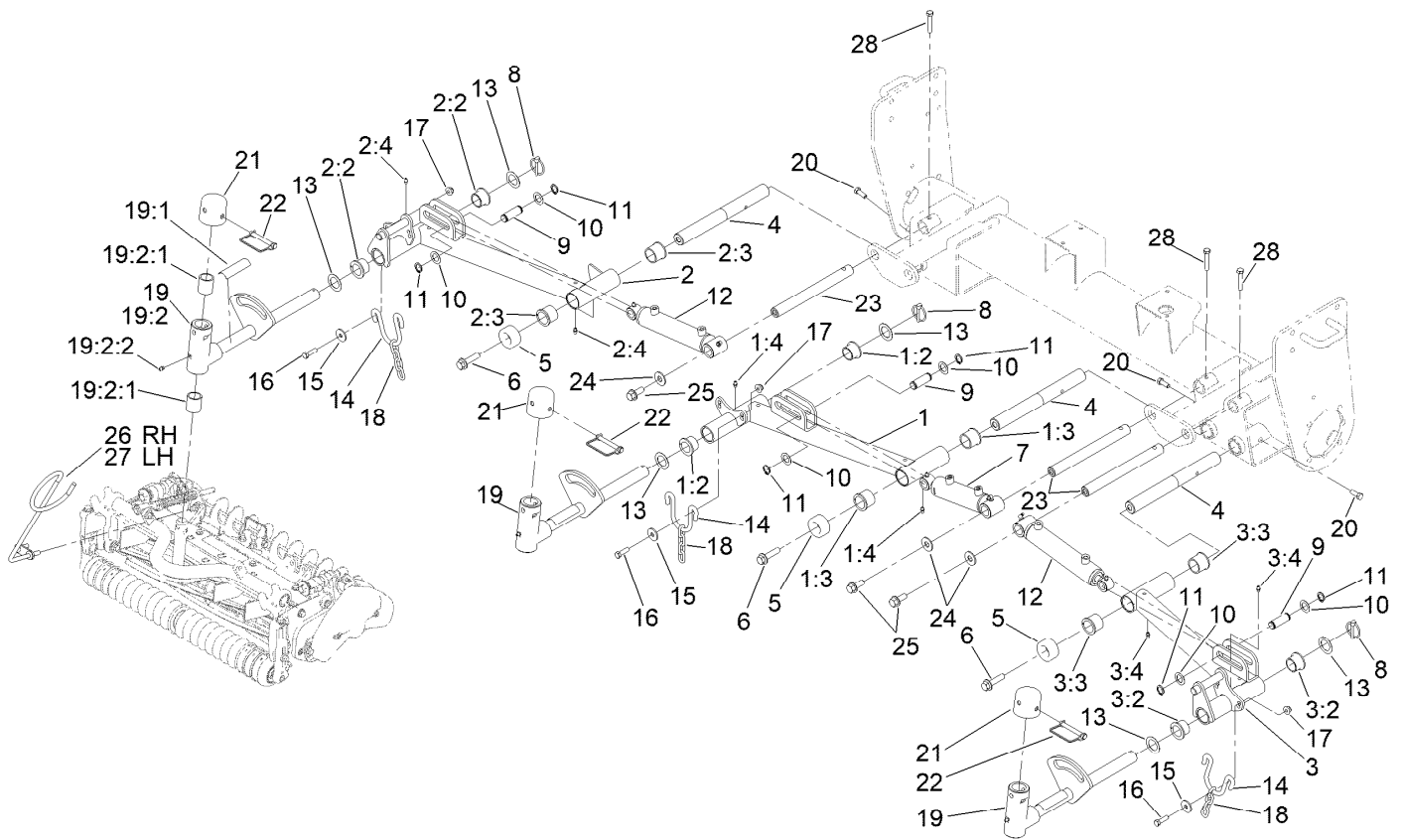
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>   |
|-------------|--------------------|-------------|----------------------|
| 2           | 108-3811           | 1           | Filter-Air V-Twin HD |
| 3           | 94-3652            | 1           | Cover ASM            |
| 3:1         | 1-643283           | 2           | Latch-Cleaner, Air   |
| 4           | 87-9400            | 1           | Valve-Vacuator       |
| 5           | 285-17             | 1           | Plug-Pipe            |



## Radiator and Oil Cooler Assembly

| Ref.  | Part Number | Qty. | Description                 |
|-------|-------------|------|-----------------------------|
| 1     | 304-46      | 1    | Draincock                   |
| 2     | 32104-116   | 6    | Screw-HWHTF                 |
| 3     | 32128-44    | 4    | Nut                         |
| 4     | 3230-1      | 8    | Bolt-CARR                   |
| 5     | 119-2028    | 1    | Radiator And Oil Cooler ASM |
| 5:1   | 115-7766    | 1    | Cap-Radiator                |
| 5:1:1 | 106-6755    | 1    | Decal-Cap, Radiator         |
| 6     | 121-7853    | 1    | Shroud-LH                   |
| 7     | 133-4918    | 1    | Shroud-RH                   |
| 8     | 3234-1      | 4    | Screw-HHF                   |
| 9     | 92-2379     | 2    | Clamp-Hose                  |
| 10    | 3234-5      | 2    | Screw-HHF                   |
| 11    | 133-4919-0P | 1    | Bracket-Reservoir           |
| 12    | 95-8702-0P  | 1    | Shield-Radiator, Lower      |
| 13    | 99-3497     | 1    | Magnet                      |
| 14    | 120-2193    | 1    | Hose-Radiator, Upper        |
| 15    | 120-3353    | 1    | Hose-Radiator, Lower        |
| 16    | 2412-34     | 2    | Clamp-Hose                  |
| 17    | 94-2636     | 1    | Fitting ASM                 |

| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 17:1 | 237-81      | 1    | O-Ring                      |
| 18   | 109-0274    | 1    | Hose-Fuel                   |
| 19   | 108-0638    | 1    | Bottle-Overflow             |
| 20   | 120-0627    | 1    | Decal-Warning               |
| 21   | 104-8300    | 6    | Nut-HF, NI                  |
| 22   | 104-9459    | 2    | Seal-Foam                   |
| 23   | 340-8       | 1    | Fitting-Straight            |
| 23:1 | 237-65      | 1    | O-Ring                      |
| 23:2 | 237-81      | 1    | O-Ring                      |
| 24   | 120-3531-0P | 1    | Bracket-Radiator, LH        |
| 25   | 120-3532-0P | 1    | Bracket-Radiator, RH        |
| 26   | 120-3530-0P | 1    | Bracket-Radiator, Bottom    |
| 27   | 120-3529-0P | 1    | Bracket-Radiator, Top       |
| 28   | 117-2382    | 2    | Plug-Plastic                |
| 29   | 104-7201    | 4    | Nut-HF, NI                  |
| 30   | 3234-13     | 4    | Screw-HHF                   |
| 31   | 3256-22     | 4    | Washer-Flat                 |
| 32   | 125-6688    | 1    | Decal-Danger, Starter Fluid |
| 33   | 32144-10    | 2    | Screw-HWH                   |

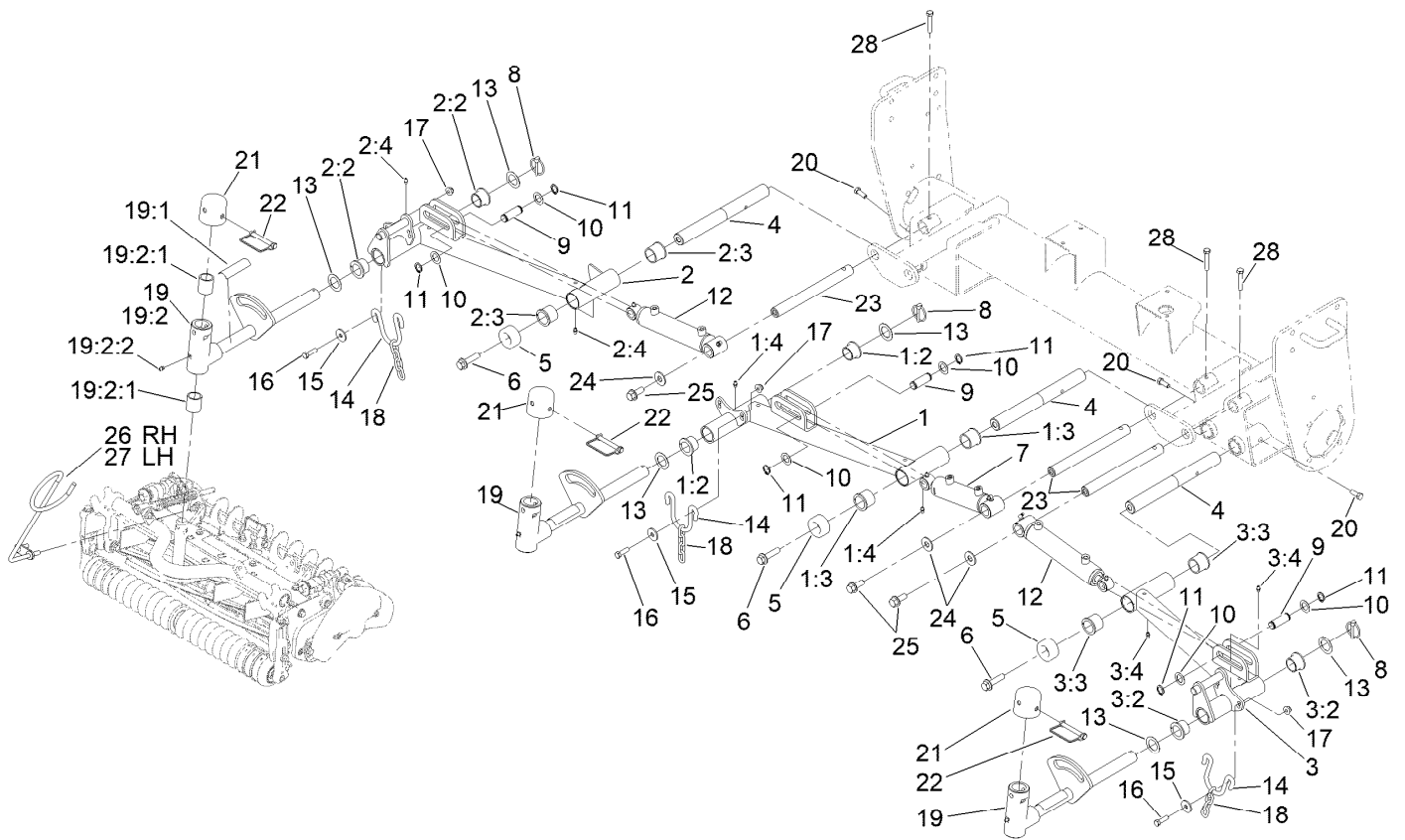


## No. 1, No. 4 and No. 5 Lift Arm Assembly

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 127-8461    | 1    | No. 1 Lift Arm ASM  |
| 1:2  | 121-7863    | 2    | Bushing-Special     |
| 1:3  | 104-0015    | 2    | Bushing-Flange      |
| 1:4  | 302-5       | 2    | Fitting-Grease      |
| 2    | 127-8470    | 1    | No. 5 Lift Arm ASM  |
| 2:2  | 121-7863    | 2    | Bushing-Special     |
| 2:3  | 104-0015    | 2    | Bushing-Flange      |
| 2:4  | 302-5       | 2    | Fitting-Grease      |
| 3    | 127-8468    | 1    | No. 4 Lift Arm ASM  |
| 3:2  | 121-7863    | 2    | Bushing-Special     |
| 3:3  | 104-0015    | 2    | Bushing-Flange      |
| 3:4  | 302-5       | 2    | Fitting-Grease      |
| 4    | 127-8524    | 3    | Pin-Lift Arm        |
| 5    | 121-7855    | 3    | Bumper-Recessed     |
| 6    | 3234-27     | 3    | Screw-HHF           |
| 7    | 163-3531    | 1    | Cylinder-Hydraulic  |
| 8    | 92-1298     | 3    | Pin-Lynch           |
| 9    | 104-0046    | 3    | Pin-Slide, Cylinder |

| Ref.   | Part Number | Qty. | Description            |
|--------|-------------|------|------------------------|
| 10     | 3-6498      | 6    | Washer-Thrust          |
| 11     | 32120-93    | 6    | Ring-Retaining         |
| 12     | 163-3533    | 2    | Cylinder-Hydraulic     |
| 13     | 120-2183    | 6    | Washer-Thrust          |
| 14     | 120-9962    | 3    | Hoop-Chain             |
| 15     | 63-8410     | 6    | Washer                 |
| 16     | 323-7       | 6    | Screw-HH               |
| 17     | 104-8301    | 9    | Nut-HF, NI             |
| 18     | 84-2450     | 3    | Chain-Straight, 4-Link |
| 19     | 140-6244    | 3    | Pivot Yoke ASM         |
| 19:1   | 110-9642    | 1    | Decal-Warning          |
| 19:2   |             | 1    | Pivot Yoke ASM ●       |
| 19:2:1 | 121-3187    | 2    | Bushing                |
| 19:2:2 | 302-5       | 1    | Fitting-Grease         |
| 20     | 323-6       | 3    | Screw-HH               |
| 21     | 107-4027    | 3    | Cap                    |
| 22     | 107-7400    | 3    | Pin-Lynch              |
| 23     | 127-8540    | 3    | Pin-Cylinder           |

● Not serviced separately

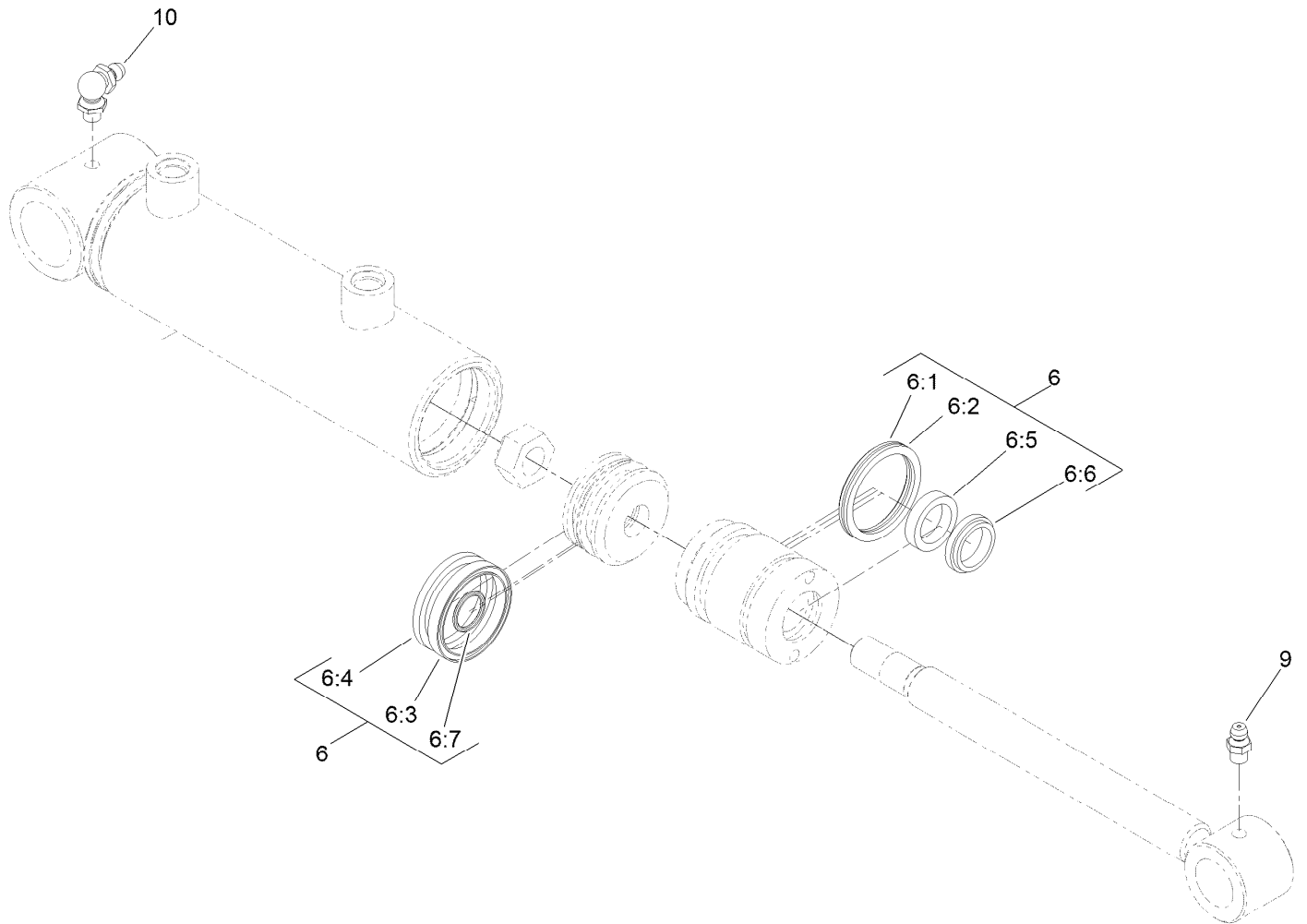


## No. 1, No. 4 and No. 5 Lift Arm Assembly (continued)

| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 24   | 3256-6      | 3    | Washer-Flat    |
| 25   | 3234-32     | 3    | Screw-HHF      |
| 26   | 139-5995    | 1    | Guide-Hose, RH |

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 27   | 139-5996    | 1    | Hose Guide ASM-LH |
| 28   | 323-10      | 3    | Screw-HH          |

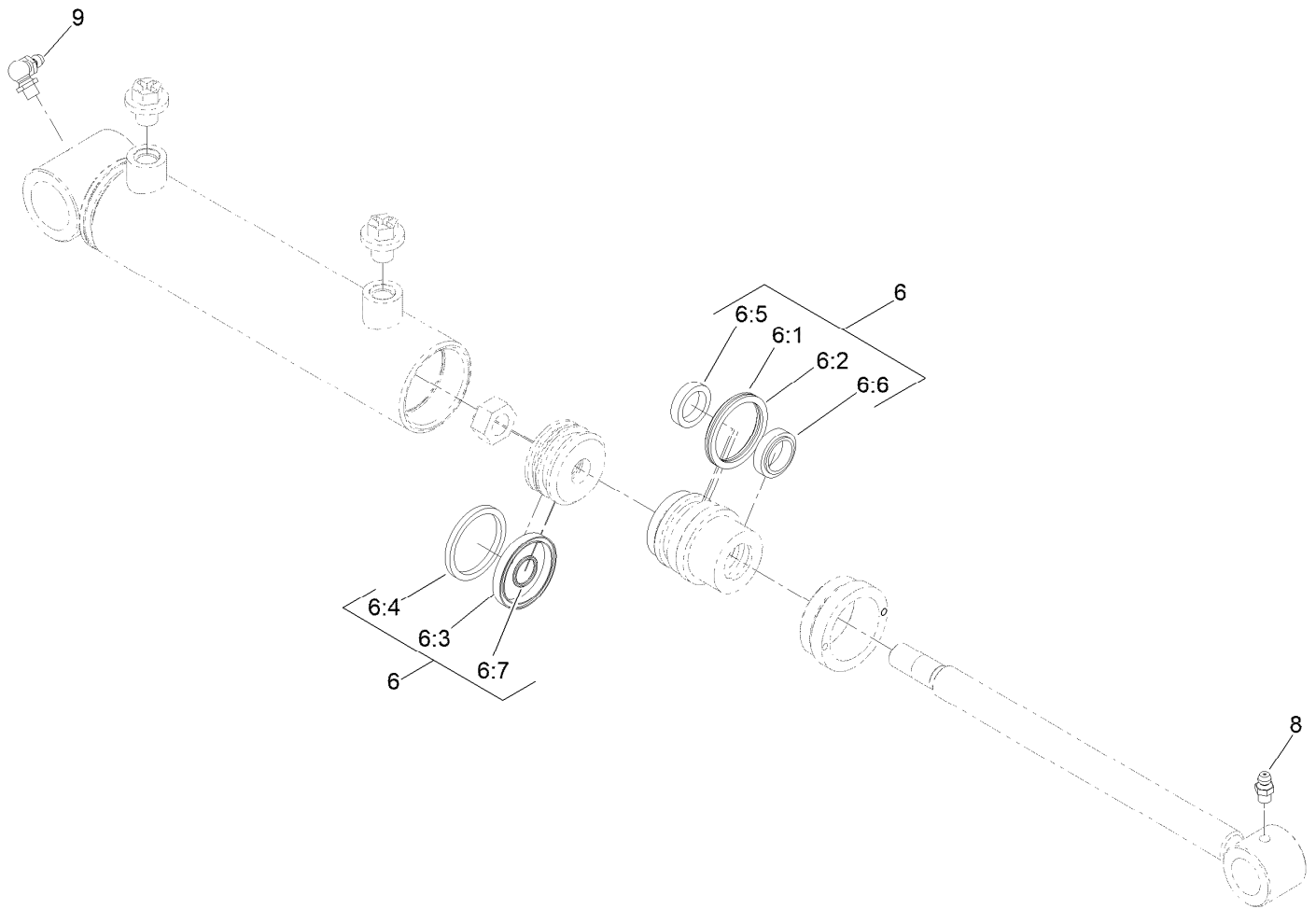
● Not serviced separately



## Hydraulic Cylinder Assembly No. 163-3531

| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 6    | 163-3529    | 1    | Seal Kit       |
| 6:1  |             | 1    | O-Ring ●       |
| 6:2  |             | 1    | Backup ●       |
| 6:3  |             | 1    | Pps Seal ●     |
| 6:4  |             | 1    | Wear Ring-Ht ● |
| 6:5  |             | 1    | Bt Seal ●      |
| 6:6  |             | 1    | Dust Seal-Dt ● |
| 6:7  |             | 1    | O-Ring ●       |
| 9    | 302-5       | 1    | Fitting-Grease |
| 10   | 302-60      | 1    | Fitting-Grease |

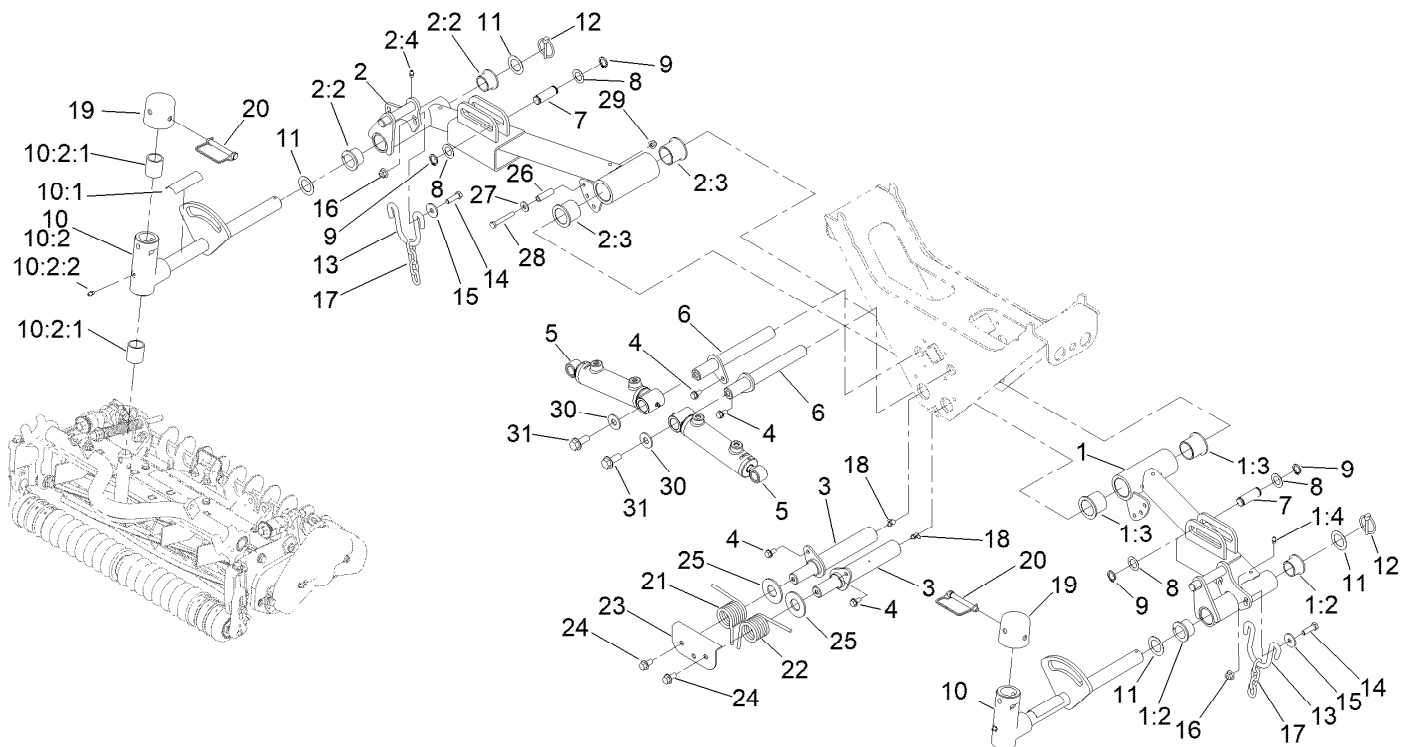
● Not serviced separately



## Hydraulic Cylinder Assembly No. 163-3533

| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 6    | 163-3528    | 1    | Seal Kit       |
| 6:1  |             | 1    | O-Ring ●       |
| 6:2  |             | 1    | Backup ●       |
| 6:3  |             | 1    | Pps Seal ●     |
| 6:4  |             | 1    | Wear Ring-Ht ● |
| 6:5  |             | 1    | Bt Seal ●      |
| 6:6  |             | 1    | Dust Seal ●    |
| 6:7  |             | 1    | O-Ring ●       |
| 8    | 302-5       | 1    | Fitting-Grease |
| 9    | 302-60      | 1    | Fitting-Grease |

● Not serviced separately

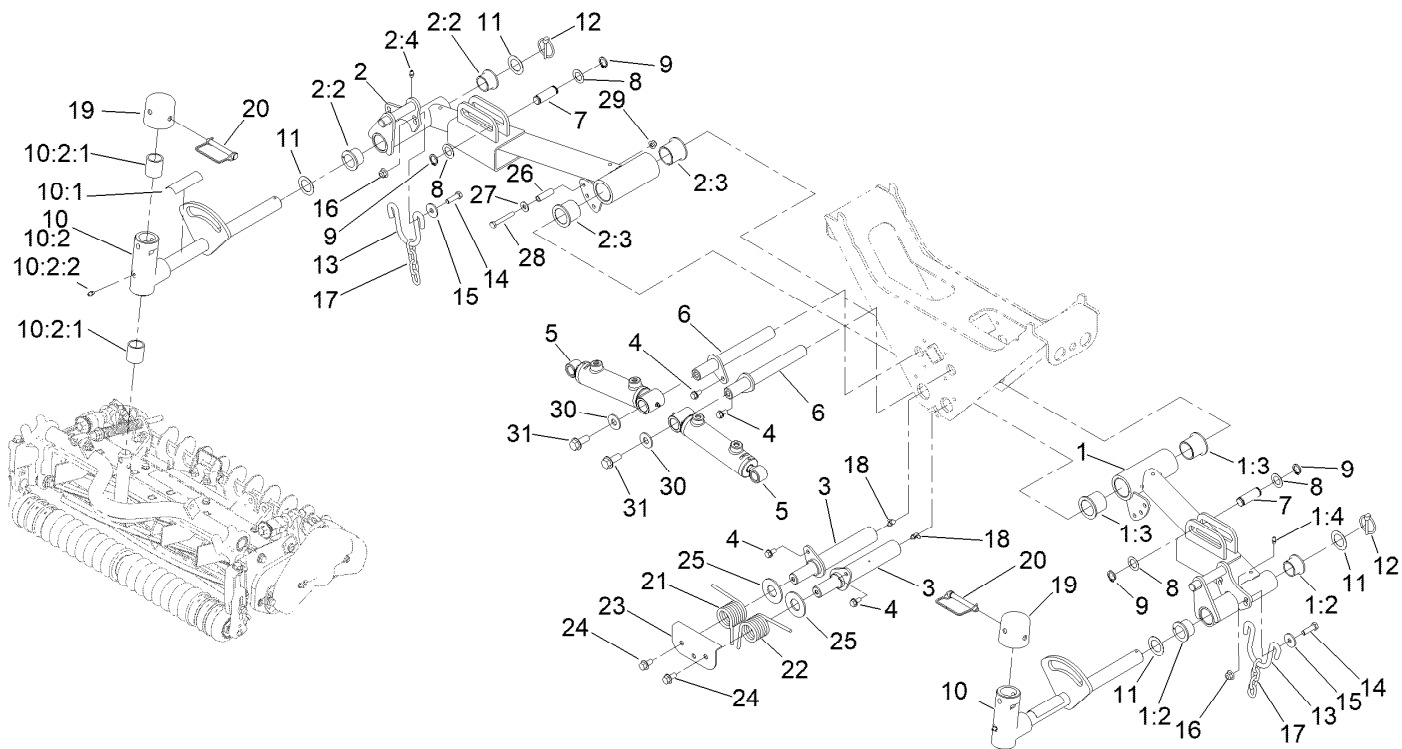


## No. 2 and No. 3 Lift Arm Assembly

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 133-4939    | 1    | No. 2 Lift Arm ASM  |
| 1:2  | 121-7863    | 2    | Bushing-Special     |
| 1:3  | 69-6470     | 2    | Bushing-Caster      |
| 1:4  | 302-5       | 1    | Fitting-Grease      |
| 2    | 133-4941    | 1    | No. 3 Lift Arm ASM  |
| 2:2  | 121-7863    | 2    | Bushing-Special     |
| 2:3  | 69-6470     | 2    | Bushing-Caster      |
| 2:4  | 302-5       | 1    | Fitting-Grease      |
| 3    | 127-8504    | 2    | Pin ASM             |
| 4    | 32144-14    | 4    | Screw-HWHTF         |
| 5    | 163-3535    | 2    | Cylinder-Hydraulic  |
| 6    | 133-4931    | 2    | Pin                 |
| 7    | 104-0046    | 2    | Pin-Slide, Cylinder |
| 8    | 3-6498      | 4    | Washer-Thrust       |
| 9    | 32120-93    | 4    | Ring-Retaining      |
| 10   | 140-6244    | 2    | Pivot Yoke ASM      |
| 10:1 | 110-9642    | 1    | Decal-Warning       |
| 10:2 |             | 1    | Pivot Yoke ASM ●    |

| Ref.   | Part Number | Qty. | Description            |
|--------|-------------|------|------------------------|
| 10:2:1 | 121-3187    | 2    | Bushing                |
| 10:2:2 | 302-5       | 1    | Fitting-Grease         |
| 11     | 120-2183    | 4    | Washer-Thrust          |
| 12     | 92-1298     | 2    | Pin-Lynch              |
| 13     | 120-9962    | 2    | Hoop-Chain             |
| 14     | 323-7       | 4    | Screw-HH               |
| 15     | 63-8410     | 4    | Washer                 |
| 16     | 104-8301    | 4    | Nut-HF, NI             |
| 17     | 84-2450     | 2    | Chain-Straight, 4-Link |
| 18     | 302-60      | 4    | Fitting-Grease         |
| 19     | 107-4027    | 2    | Cap                    |
| 20     | 107-7400    | 2    | Pin-Lynch              |
| 21     | 127-8580    | 1    | Spring-Torsion, RH     |
| 22     | 127-8581    | 1    | Spring-Torsion, LH     |
| 23     | 139-6009-03 | 1    | Catch ASM              |
| 24     | 3234-1      | 2    | Screw-HHF              |
| 25     | 104-6126    | 2    | Washer-Flat            |
| 26     | 107-0285    | 2    | Spacer                 |

● Not serviced separately



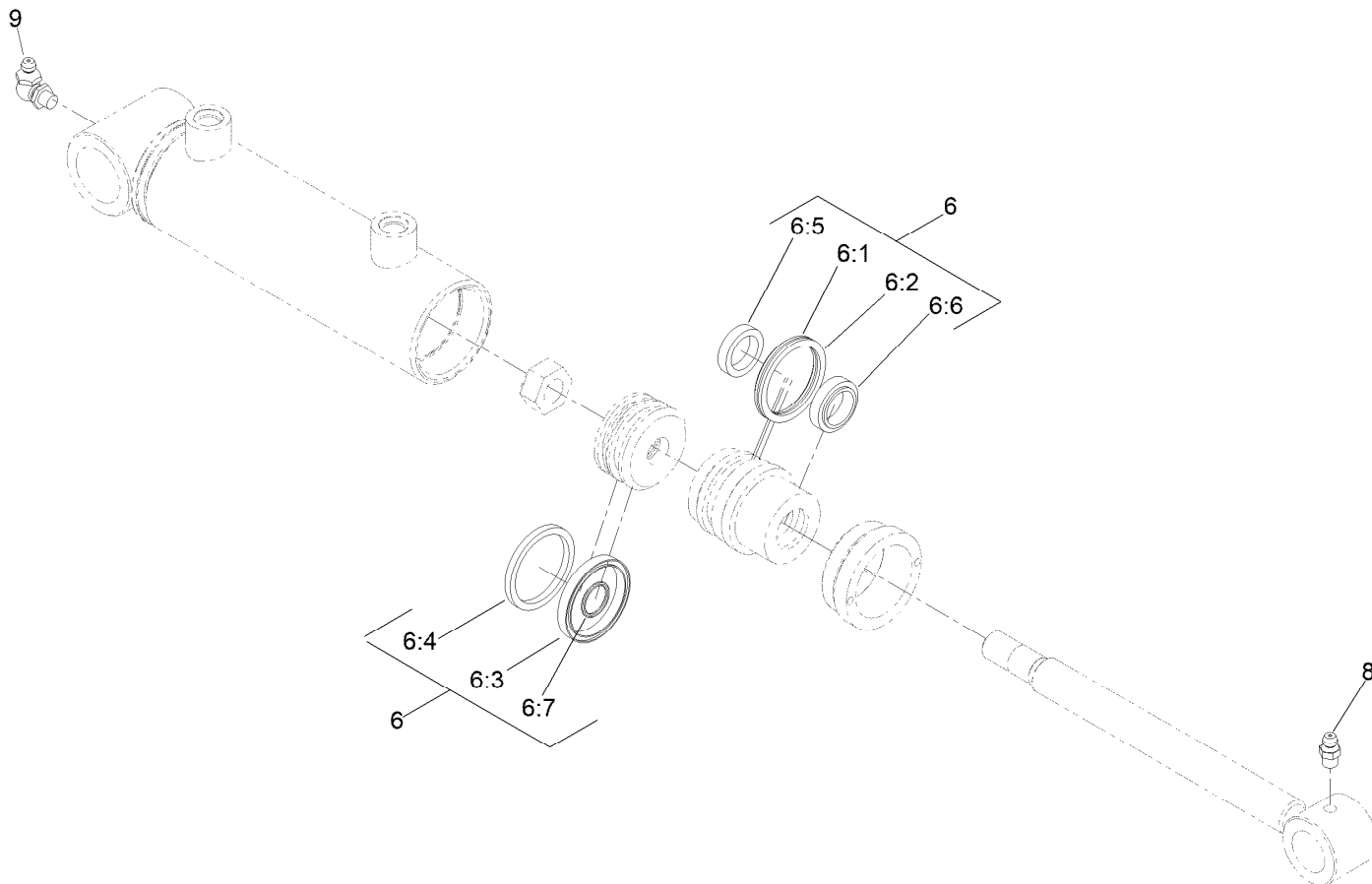
## No. 2 and No. 3 Lift Arm Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------|
| 27   | 3256-3      | 2    | Washer-Flat |
| 28   | 322-11      | 2    | Screw-HH    |
| 29   | 104-8300    | 2    | Nut-HF, NI  |

| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------|
| 30   | 3256-6      | 2    | Washer-Flat |
| 31   | 3234-38     | 2    | Screw-HHF   |

● Not serviced separately

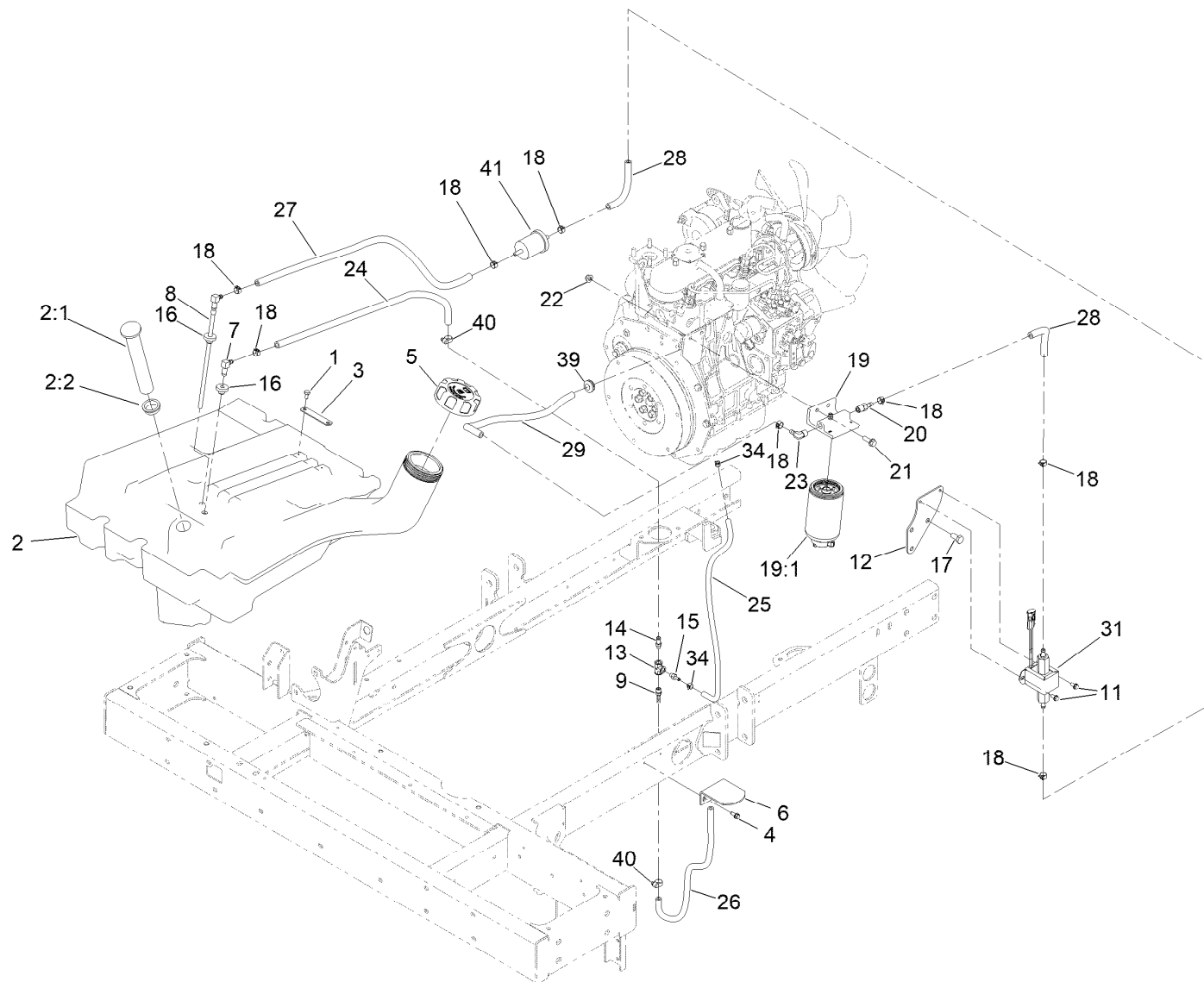




## Hydraulic Cylinder Assembly No. 163-3535

| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 6    | 163-3528    | 1    | Seal Kit       |
| 6:1  |             | 1    | O-Ring ●       |
| 6:2  |             | 1    | Backup ●       |
| 6:3  |             | 1    | Pps Seal ●     |
| 6:4  |             | 1    | Wear Ring-Ht ● |
| 6:5  |             | 1    | Bt Seal ●      |
| 6:6  |             | 1    | Dust Seal ●    |
| 6:7  |             | 1    | O-Ring ●       |
| 8    | 302-5       | 1    | Fitting-Grease |
| 9    | 302-60      | 1    | Fitting-Grease |

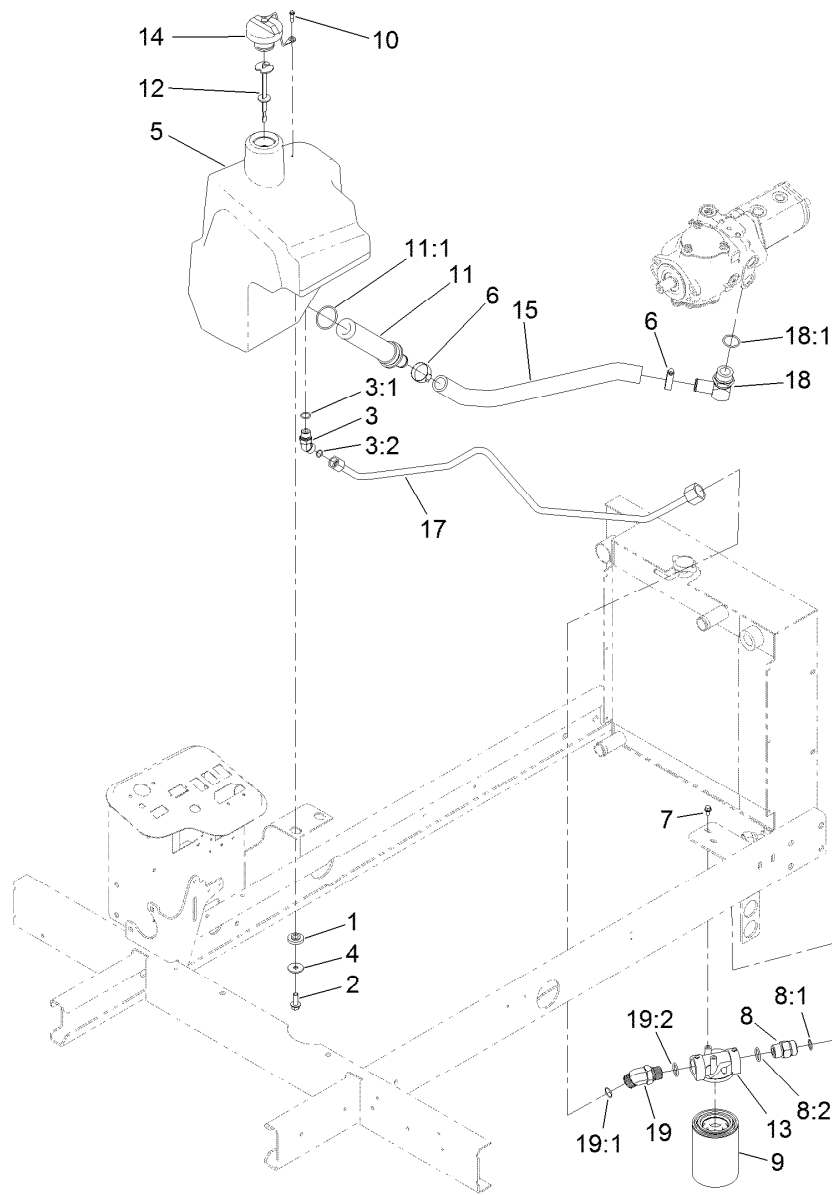
● Not serviced separately



## Fuel Tank and Filter Assembly

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 321-2       | 2    | Screw-HH              |
| 2    | 95-8620     | 1    | Tank-Fuel             |
| 2:1  | 95-8971     | 1    | Gauge-Fuel            |
| 2:2  | 95-8972     | 1    | Grommet               |
| 3    | 95-8881     | 1    | Strap-Line, Fuel      |
| 4    | 32144-10    | 2    | Screw-HWH             |
| 5    | 125-9171    | 1    | Cap-Fuel              |
| 6    | 95-8968-03  | 1    | Support-Tank, Fuel    |
| 7    | 46-6550     | 1    | Fitting-Elbow, 90 DEG |
| 8    | 110-9689    | 1    | Pipe-Stand            |
| 9    | 304-73      | 1    | Fitting-Straight      |
| 11   | 32144-4     | 2    | Screw-HWH             |
| 12   | 136-3818-0P | 1    | Plate-Fuel Pump       |
| 13   | 354-20      | 1    | Fitting-Tee           |
| 14   | 354-21      | 1    | Fitting-Barbed        |
| 15   | 354-22      | 1    | Fitting-Barbed        |
| 16   | 46-6560     | 2    | Bushing               |
| 17   | 63-7790     | 3    | Screw-Cap             |

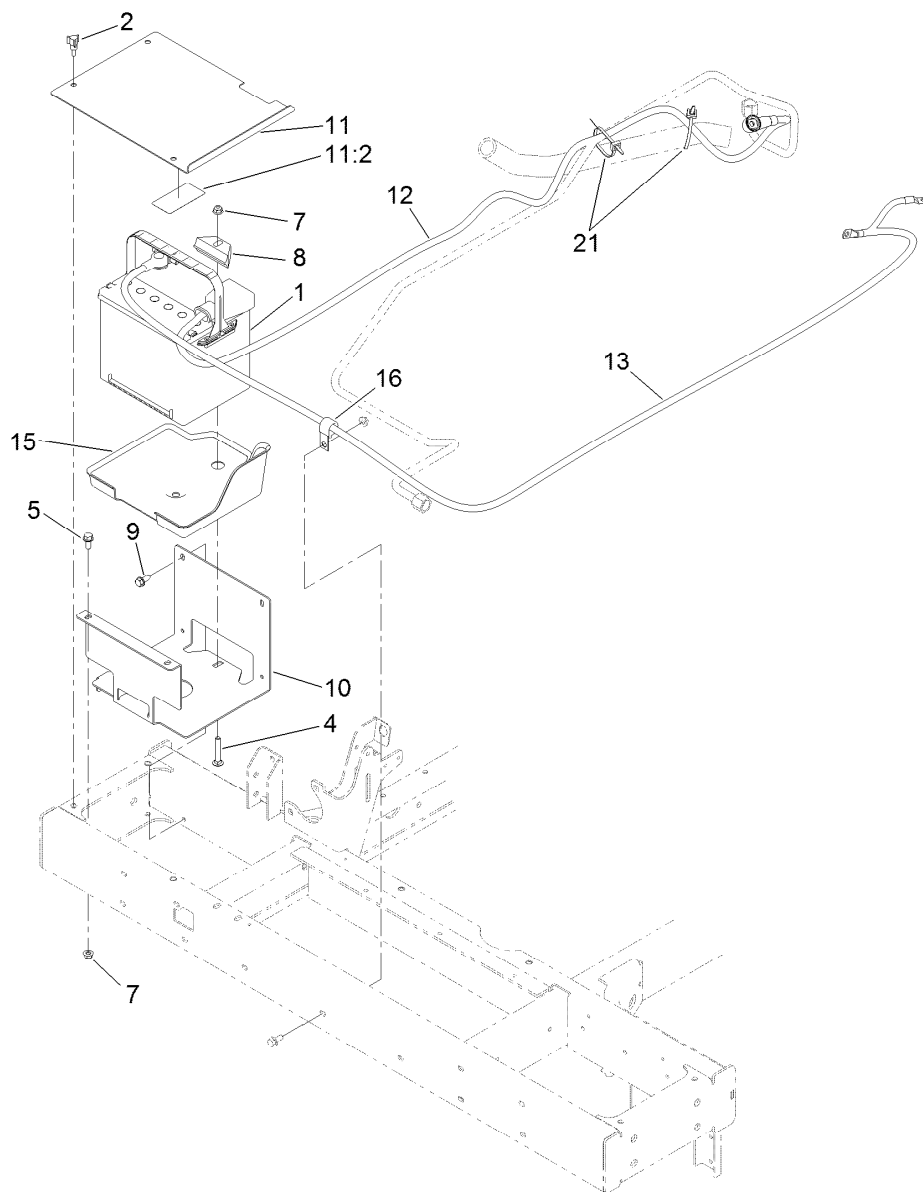
| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 18   | 92-2379     | 9    | Clamp-Hose                 |
| 19   | 110-9044    | 1    | Separator-Filter           |
| 19:1 | 110-9049    | 1    | Filter-Spin On, Fuel/Water |
| 20   | 353-783     | 1    | Fitting-STR                |
| 21   | 3234-17     | 2    | Screw-HHF                  |
| 22   | 104-8300    | 2    | Nut-HF, NI                 |
| 23   | 353-781     | 1    | Fitting-HYD, 90            |
| 24   | 110-6187    | 1    | Hose-Fuel                  |
| 25   | 138-3151    | 1    | Hose-Fuel                  |
| 26   | 110-5701    | 1    | Hose-Fuel                  |
| 27   | 110-3257    | 1    | Hose-Fuel                  |
| 28   | 109-0310    | 2    | Hose-Fuel                  |
| 29   | 121-7852    | 1    | Hose-Fuel                  |
| 31   | 145-3160    | 1    | Pump-Fuel, Electric        |
| 34   | 2412-80     | 2    | Clamp-Hose                 |
| 39   | 1-543296    | 1    | Grommet                    |
| 40   | 2412-108    | 2    | Clamp-Worm                 |
| 41   | 98-7612     | 1    | Filter-Fuel                |



## Hydraulic Tank and Filter Assembly

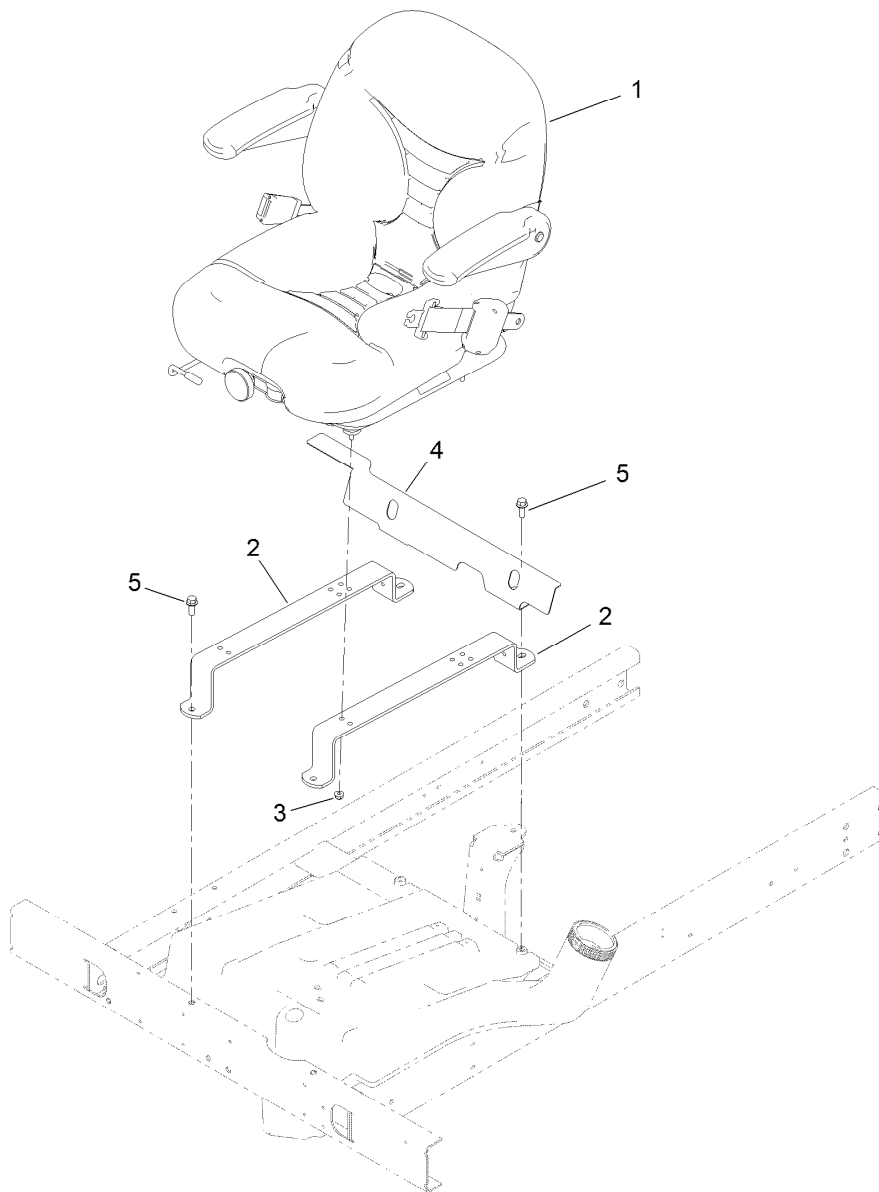
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 240-11      | 4    | Bushing-Flange      |
| 2    | 3234-11     | 4    | Screw-HHF           |
| 3    | 340-101     | 1    | Fitting-HYD, 45 DEG |
| 3:1  | 237-30      | 1    | O-Ring              |
| 3:2  | 237-79      | 1    | O-Ring              |
| 4    | 63-8410     | 4    | Washer              |
| 5    | 104-4840    | 1    | Tank-HYD            |
| 6    | 2412-34     | 2    | Clamp-Hose          |
| 7    | 3234-13     | 2    | Screw-HHF           |
| 8    | 340-9       | 1    | Fitting-STR         |
| 8:1  | 237-58      | 1    | O-Ring              |
| 8:2  | 237-81      | 1    | O-Ring              |
| 9    | 86-3010     | 1    | Filter-Oil          |

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 10   | 57-5420     | 1    | Screw-Shoulder    |
| 11   | 104-7546    | 1    | Tank Strainer ASM |
| 11:1 | 340-136     | 1    | O-Ring            |
| 12   | 119-6968    | 1    | Dipstick-Oil      |
| 13   | 92-5821     | 1    | Head-Filter       |
| 14   | 93-7160     | 1    | Cap-Oil, HYD      |
| 15   | 121-7803    | 1    | Hose-Suction      |
| 17   | 136-8044    | 1    | Tube-Hydraulic    |
| 18   | 23-8910     | 1    | Stem-Barb-90      |
| 18:1 | 237-146     | 1    | O-Ring            |
| 19   | 100-5530    | 1    | Fitting-45 DEG    |
| 19:1 | 237-58      | 1    | O-Ring            |
| 19:2 | 237-81      | 1    | O-Ring            |



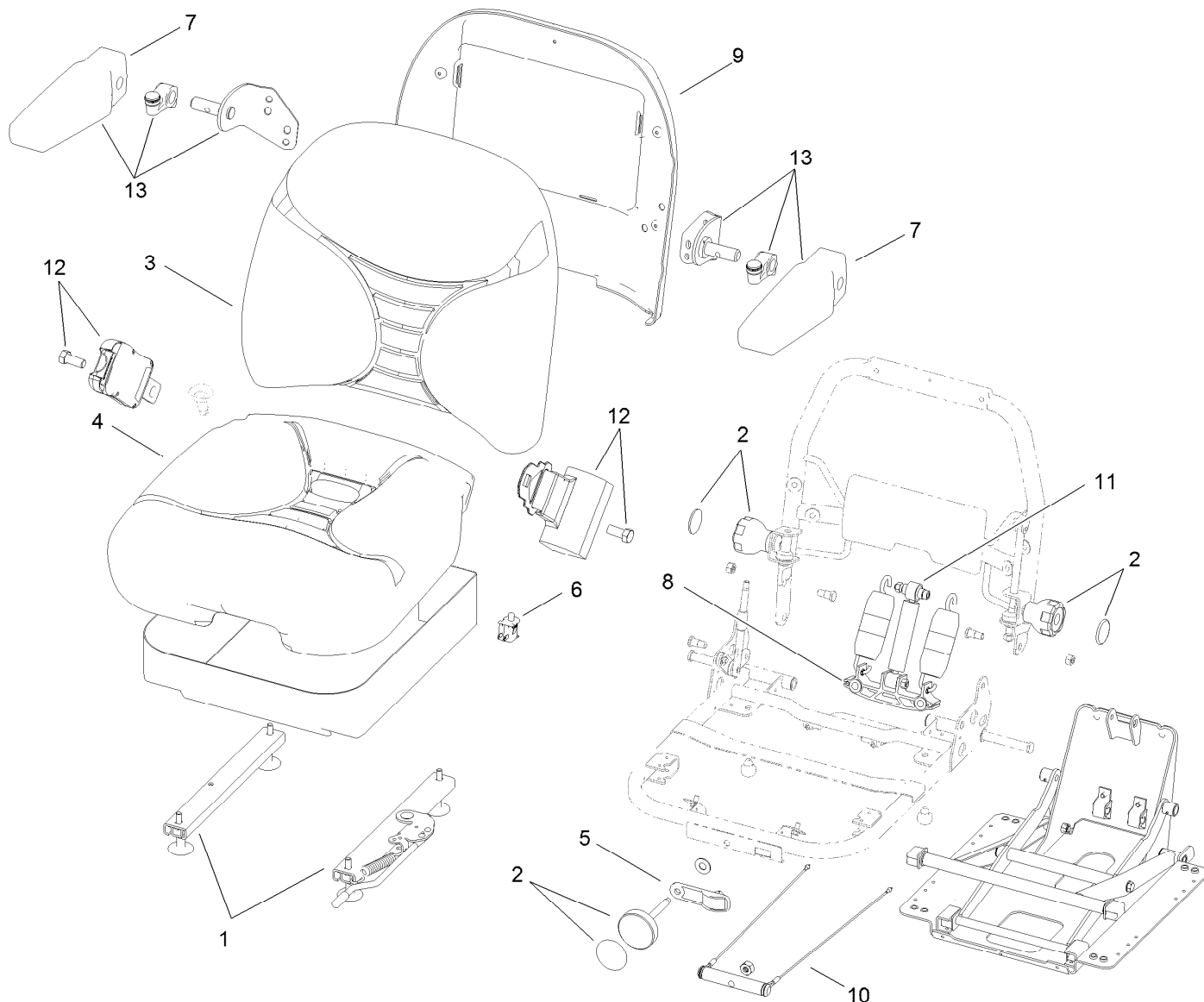
## Battery Assembly

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    | 106-5187    | 1    | Battery- Dry, 12V, 525 CCA |
| 2    | 233-70      | 3    | Knob-Star, Three           |
| 4    | 3230-6      | 1    | Bolt-CARR                  |
| 5    | 3234-5      | 2    | Screw-HHF                  |
| 7    | 104-8300    | 3    | Nut-HF, NI                 |
| 8    | 138-6335    | 1    | Retainer-Battery           |
| 9    | 32104-32    | 2    | Screw-HWH                  |
| 10   | 127-8527-03 | 1    | Bracket-Battery            |
| 11   | 127-8531    | 1    | Cover-Battery              |
| 11:2 | 93-7276     | 1    | Decal-Danger               |
| 12   | 122-0812    | 1    | Cable-Battery, Positive    |
| 13   | 122-0817    | 1    | Battery-Cable, Negative    |
| 15   | 133-4913    | 1    | Tray-Battery               |
| 16   | 94-9580     | 1    | Clamp-J                    |
| 21   | 3290-378    | 2    | Tie-Cable                  |



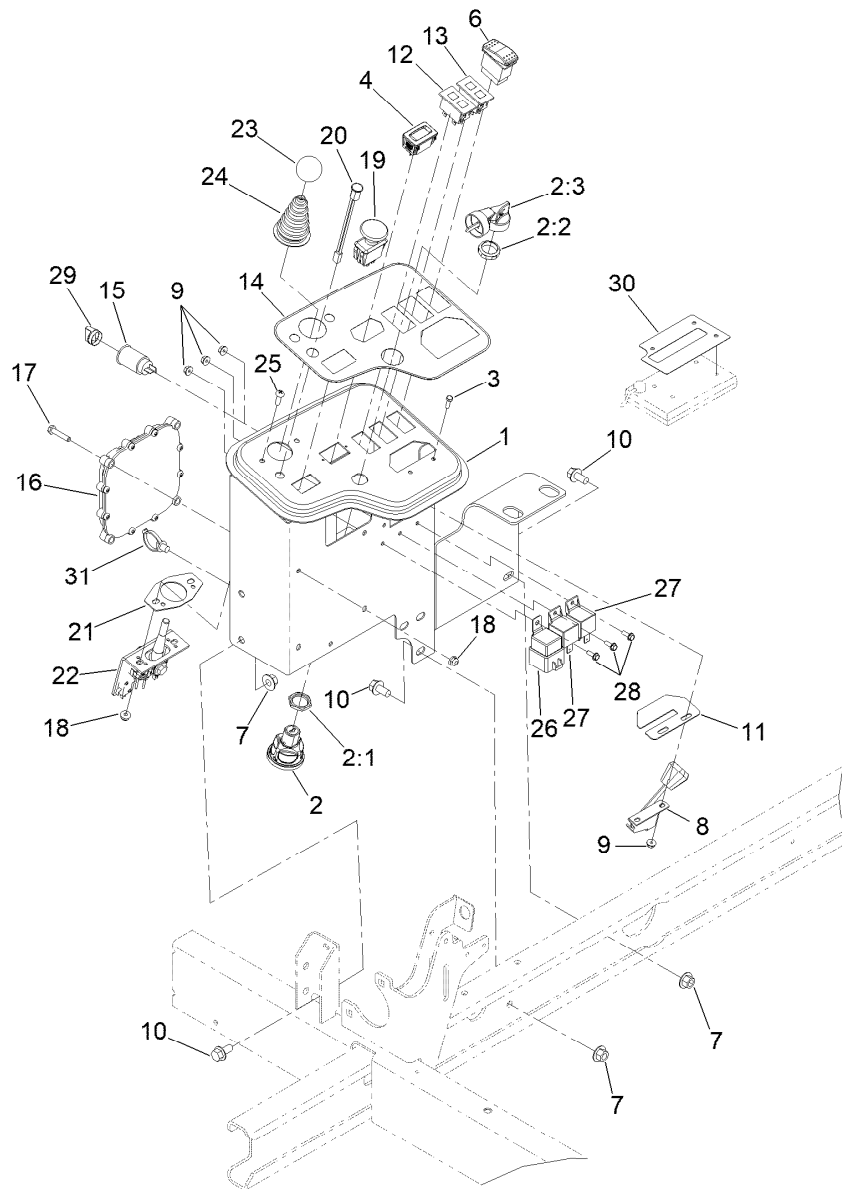
## Seat and Heat-Shield Assembly

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 116-3998    | 1    | Suspension Seat ASM |
| 2    | 120-2120-03 | 2    | Strap-Support, Seat |
| 3    | 104-8300    | 4    | Nut-HF, NI          |
| 4    | 104-4833-03 | 1    | Shield-Heat         |
| 5    | 3234-11     | 4    | Screw-HHF           |



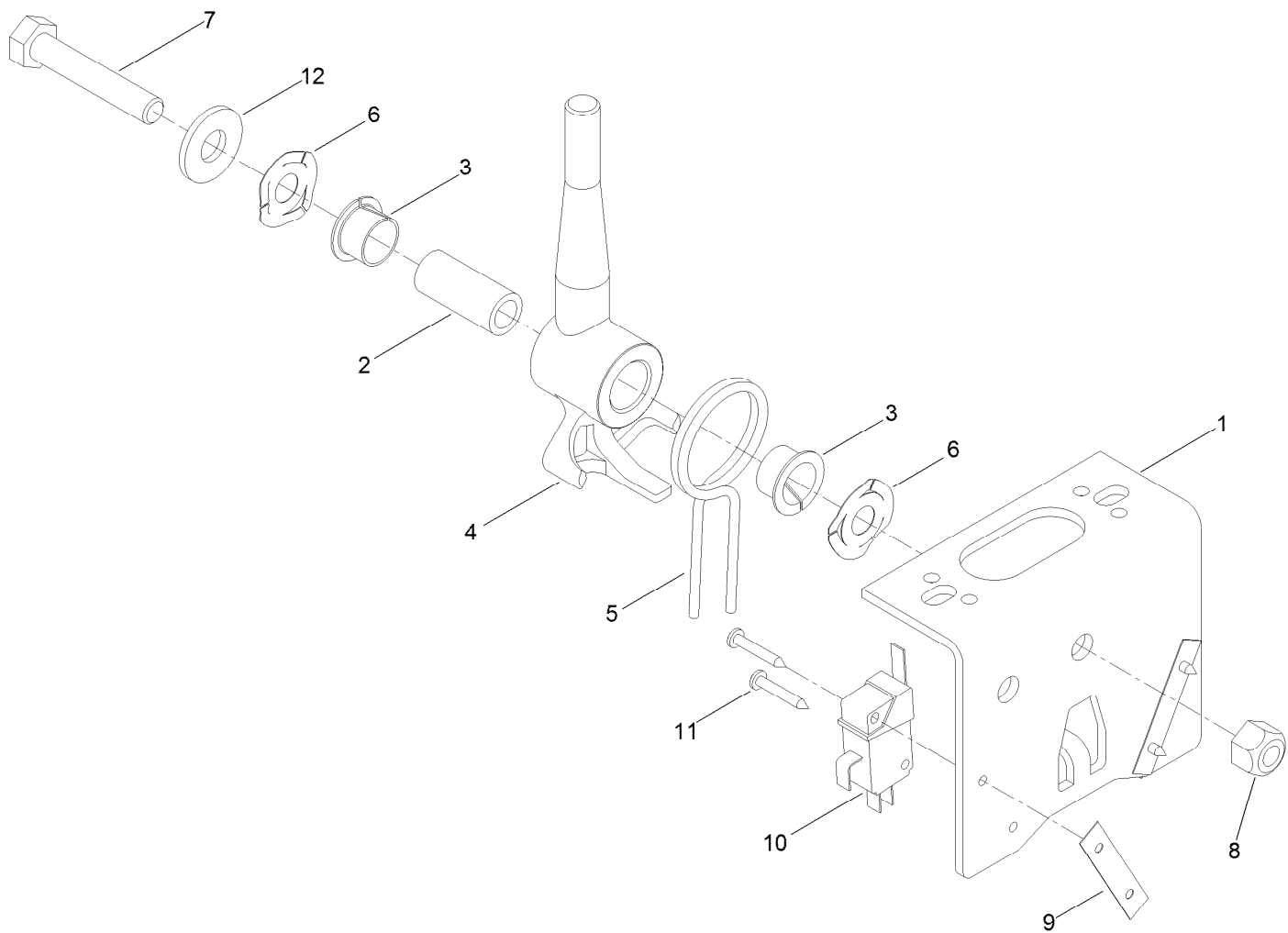
## Seat Assembly No. 116-3998

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 116-0333    | 1    | Seat Track Kit        |
| 2    | 107-1881    | 1    | Knob Kit              |
| 3    | 107-1882    | 1    | Back Cushion Kit      |
| 4    | 107-1883    | 1    | Bottom Cushion Kit    |
| 5    | 107-1885    | 1    | Weight Indicator Kit  |
| 6    | 82-2190     | 1    | Switch-Bail           |
| 7    | 107-1887    | 1    | Pad-Armrest           |
| 8    | 109-3343    | 1    | Spring And Saddle Kit |
| 9    | 109-3344    | 1    | Back Panel Kit        |
| 10   | 109-3345    | 1    | Weight Adjust Kit     |
| 11   | 116-0998    | 1    | Shock Absorber Kit    |
| 12   | 110-0413    | 1    | Seatbelt-Retractable  |
| 13   | 121-9415    | 1    | Armrest Kit           |



## Control Panel Assembly

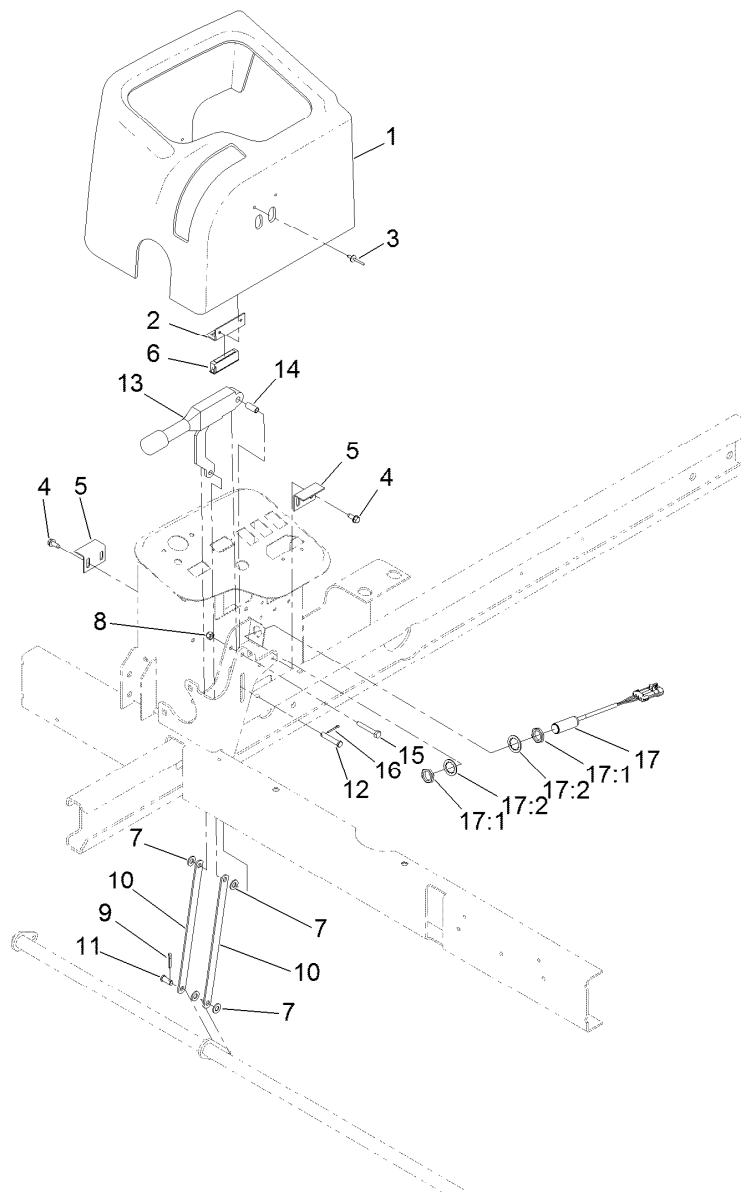
| Ref. | Part Number | Qty. | Description                  | Ref. | Part Number | Qty. | Description              |
|------|-------------|------|------------------------------|------|-------------|------|--------------------------|
| 1    | 120-2051-03 | 1    | Panel-Control                | 15   | 99-7411     | 1    | Point-Power              |
| 2    | 121-5159    | 1    | Switch-Ignition              | 16   | 122-3374    | 1    | Controller               |
| 2:1  | 121-5160    | 1    | Nut-Hex                      | 17   | 321-8       | 4    | Screw-HH                 |
| 2:2  | 122-2704    | 1    | Nut-Face, M22 (Plastic)      | 18   | 104-7201    | 6    | Nut-HF, NI               |
| 2:3  | 121-5162    | 1    | Set-Key, Ignition            | 19   | 93-9999     | 1    | Switch-PTO               |
| 3    | 3290-134    | 2    | Screw                        | 20   | 95-7652     | 1    | Light-Indicator          |
| 4    | 120-2244    | 1    | Hourmeter                    | 21   | 112-9181    | 1    | Plate-Boot               |
| 6    | 95-8999     | 1    | Switch-Rocker,<br>On-None-On | 22   | 120-5280    | 1    | Bracket-Joystick         |
| 7    | 32128-43    | 5    | Nut-Flange                   | 23   | 233-42      | 1    | Knob                     |
| 8    | 138-1224    | 1    | Cable-Throttle               | 24   | 93-5961     | 1    | Boot-Lever               |
| 9    | 3290-148    | 5    | Nut-HF                       | 25   | 3258-166    | 2    | Screw-PRH                |
| 10   | 3234-1      | 5    | Screw-HHF                    | 26   | 99-7430     | 1    | Relay-Mini               |
| 11   | 104-0421    | 1    | Plate-Stop, Throttle         | 27   | 99-7435     | 2    | Relay                    |
| 12   | 100-8070    | 1    | Lamp-Warning                 | 28   | 32105-23    | 3    | Screw                    |
| 13   | 100-8071    | 1    | Lamp-Warning                 | 29   | 99-7416     | 1    | Cap                      |
| 14   | 120-2105    | 1    | Decal-Console                | 30   | 133-4914    | 1    | Decal-Diagnostic Overlay |
|      |             |      |                              | 31   | 32180-030   | 1    | Clip-Tie                 |



## Joystick Bracket Assembly No. 120-5280

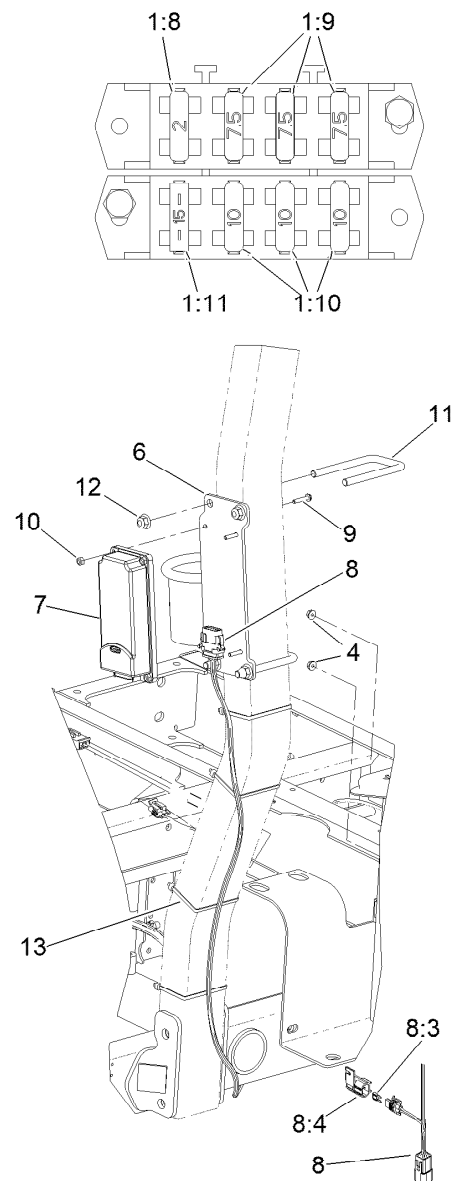
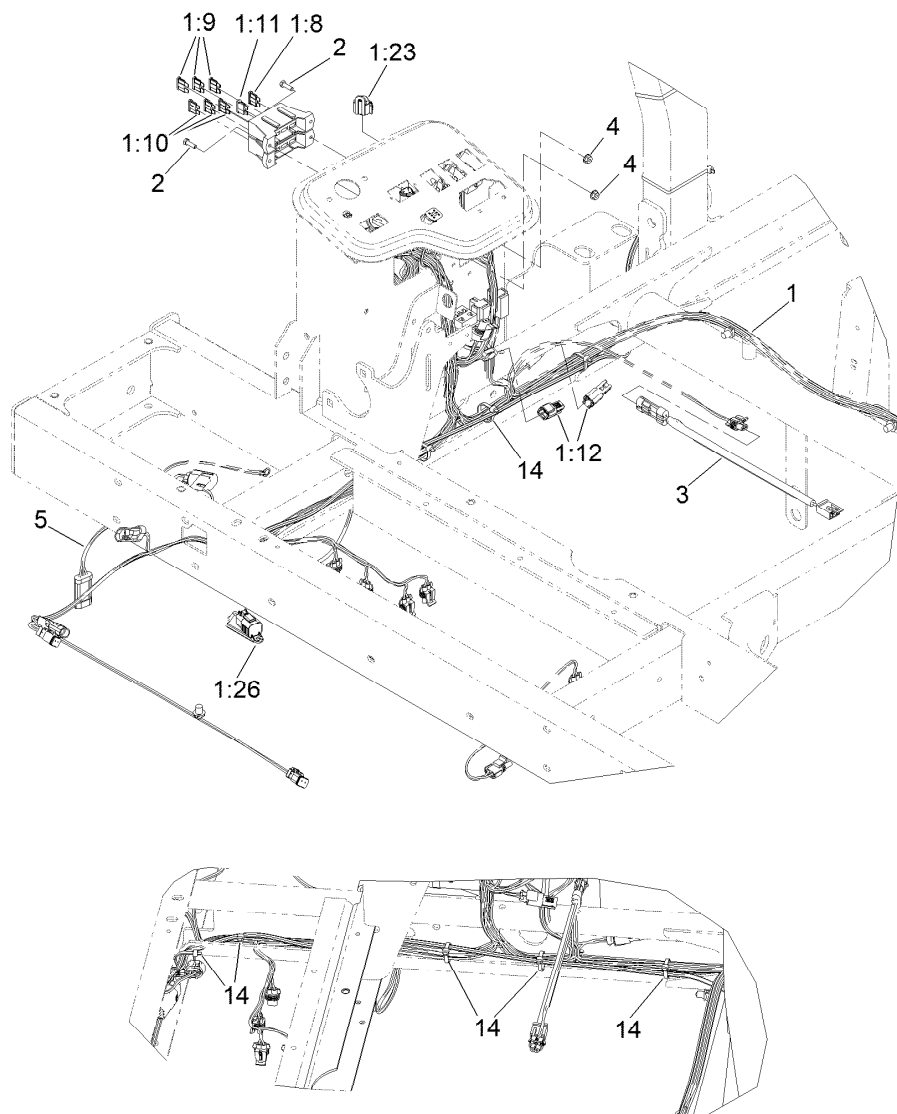
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 115-5357-03 | 1    | Bracket-Joystick      |
| 2    | 106-4192    | 1    | Spacer                |
| 3    | 93-5547     | 2    | Bushing-Nylon         |
| 4    | 119-3540    | 1    | Hub-Pivot, Joystick   |
| 5    | 105-8289    | 1    | Spring-Torsion        |
| 6    | 106-4193    | 2    | Washer-Finger, Spring |
| 7    | 322-9       | 1    | Screw-HH              |
| 8    | 3296-29     | 1    | Nut-Lock, NI          |
| 9    | 3290-354    | 2    | Nut-Speed             |
| 10   | 108-6496    | 2    | Switch (W/Boot)       |
| 11   | 95-3003     | 4    | Screw-PPHTF           |
| 12   | 3256-3      | 1    | Washer-Flat           |





## Parking Brake Assembly

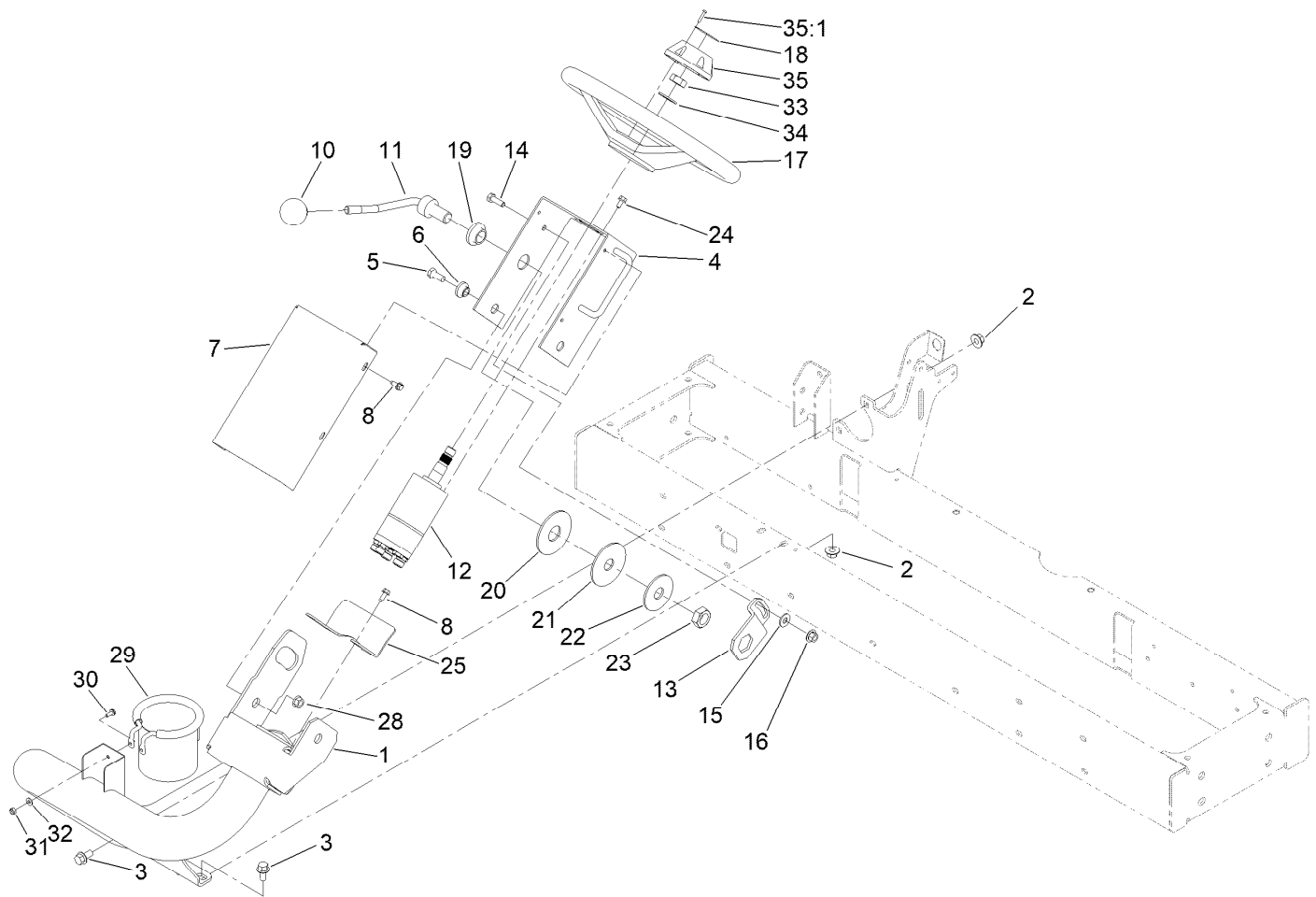
| Ref. | Part Number | Qty. | Description              | Ref. | Part Number | Qty. | Description                     |
|------|-------------|------|--------------------------|------|-------------|------|---------------------------------|
| 1    | 120-2054    | 1    | Cover-Plastic            | 11   | 283-62      | 1    | Pin-Clevis                      |
| 2    | 95-8763     | 2    | Bracket-Hold Down, Cover | 12   | 94-3829     | 1    | Pin-Clevis                      |
| 3    | 3269-5      | 4    | Rivet-Pop                | 13   | 104-4817    | 1    | Lever-Brake                     |
| 4    | 32144-10    | 4    | Screw-HWH                | 14   | 87-4710     | 1    | Spacer-Brake, Parking           |
| 5    | 95-8765     | 2    | Bracket-Strike, Magnet   | 15   | 321-10      | 1    | Screw-HH                        |
| 6    | 58-4250     | 2    | Catch-Magnetic           | 16   | 3272-6      | 1    | Pin-Cotter                      |
| 7    | 3256-23     | 4    | Washer-Plain             | 17   | 115-0282    | 1    | Sensor, Proximity Sensor<br>ASM |
| 8    | 3296-42     | 1    | Nut-Lock, NI             | 17:1 | 117-3207    | 2    | Nut-Hex                         |
| 9    | 3272-10     | 1    | Pin-Cotter               | 17:2 | 117-3208    | 2    | Washer-Lock, Internal Tooth     |
| 10   | 104-4628    | 2    | Link-Brake, Parking      |      |             |      |                                 |



## Main Wire Harness Assembly

| Ref. | Part Number | Qty. | Description                     |
|------|-------------|------|---------------------------------|
| 1    | 122-1731    | 1    | Harness-Wire, Main              |
| 1:8  | 94-6710     | 1    | Fuse-2 Amp                      |
| 1:9  | 114241      | 3    | Fuse-Blade, 7.5 Amp             |
| 1:10 | 218-578     | 4    | Fuse-Blade, 10 Amp              |
| 1:11 | 109355      | 1    | Fuse-Blade, 15 Amp              |
| 1:12 | 32180-043   | 2    | Resistor-120 Ohm                |
| 1:23 | 32180-089   | 1    | Cap-Plug, 3 Way                 |
| 1:26 | 32180-156   | 1    | Cap-Plug, 6 Way                 |
| 2    | 3290-134    | 2    | Screw                           |
| 3    | 108-8657    | 1    | Harness-Wire, Seat              |
| 4    | 3290-148    | 2    | Nut-HF                          |
| 5    | 122-0715    | 1    | Harness-Wire, 100In Turn-Around |

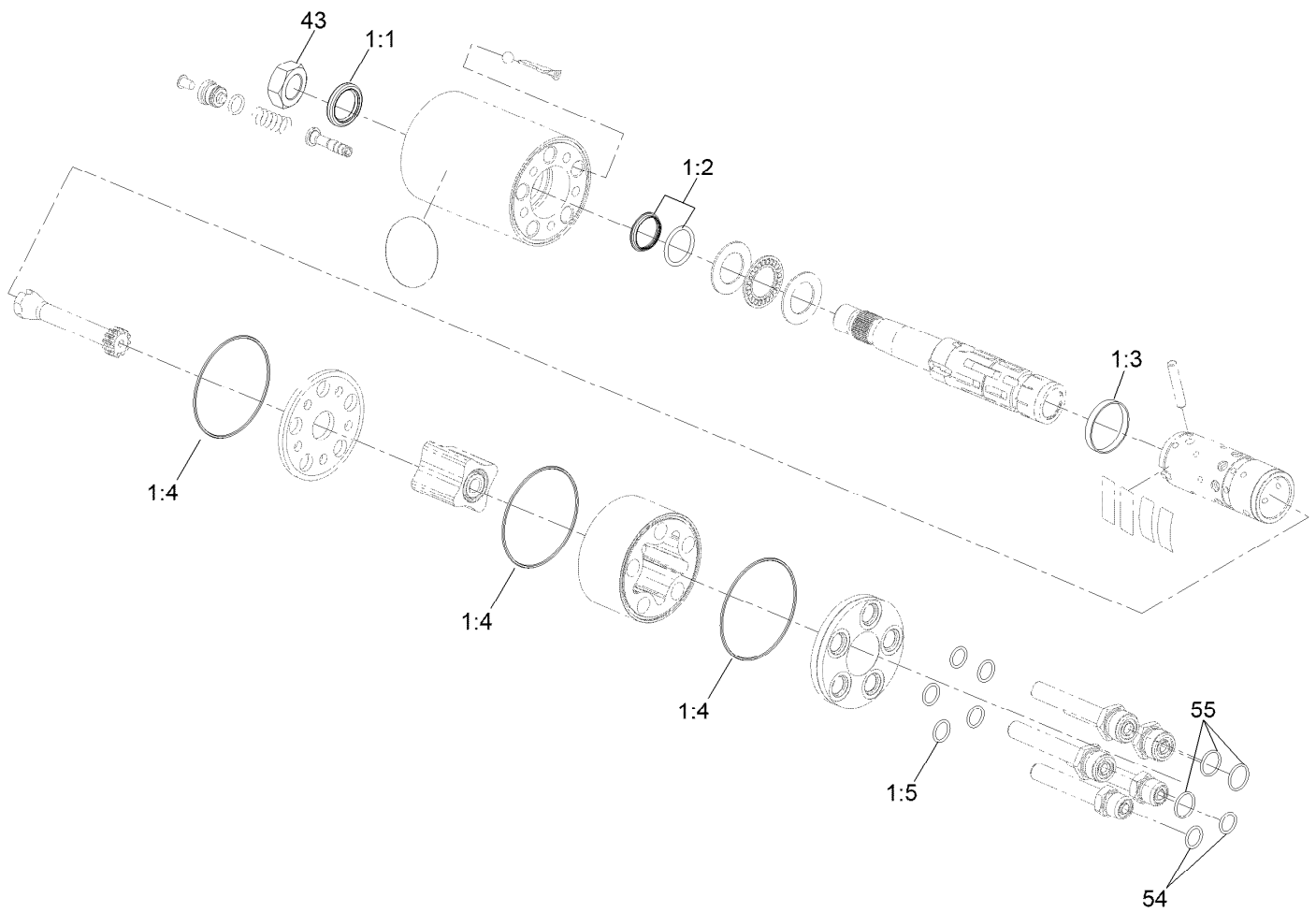
| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 6    | 161-8398-03 | 1    | Bracket-Hmu Mounting   |
| 7    | 161-9001    | 1    | Gateway-Telematics     |
| 8    | 122-2163    | 1    | Harness-Wire           |
| 8:3  | 121-8861    | 1    | Fuse-Mini Blade, 2 Amp |
| 8:4  | 32180-101   | 1    | Cover-Fuse, Single     |
| 9    | 131-6456    | 4    | Screw-HWH              |
| 10   | 3296-2      | 4    | Nut-Lock, NI           |
| 11   | 138-8991    | 2    | U-Bolt-Sq              |
| 12   | 104-8301    | 4    | Nut-HF, NI             |
| 13   | 3290-379    | 4    | Tie-Cable              |
| 14   | 3290-378    | 5    | Tie-Cable              |



## Steering Arm Assembly

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 120-2063-01 | 1    | Arm-Steering          |
| 2    | 32128-43    | 4    | Nut-Flange            |
| 3    | 3234-1      | 4    | Screw-HHF             |
| 4    | 120-2190-01 | 1    | Bracket-Valve         |
| 5    | 323-5       | 2    | Screw-HH              |
| 6    | 93-5988     | 2    | Hub-Pivot             |
| 7    | 95-8794-01  | 1    | Cover-Valve, Steering |
| 8    | 32144-10    | 5    | Screw-HWH             |
| 10   | 233-48      | 1    | Knob                  |
| 11   | 95-8798-03  | 1    | Lever-Steering        |
| 12   | 144-2099    | 1    | Valve-Steering        |
| 13   | 80-2880     | 1    | Bracket-Tilt          |
| 14   | 322-5       | 1    | Screw-HH              |
| 15   | 3256-3      | 1    | Washer-Flat           |
| 16   | 32128-44    | 1    | Nut                   |
| 17   | 145-0051    | 1    | Steering Wheel        |
| 18   | 68-5370     | 1    | Decal                 |

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 19   | 99-3502     | 1    | Boss                |
| 20   | 31-0390     | 1    | Disc-Friction       |
| 21   | 82-9010     | 1    | Disc-Friction       |
| 22   | 80-2930     | 1    | Washer-Flat         |
| 23   | 3218-7      | 1    | Nut-Jam             |
| 24   | 33103-012   | 4    | Screw-HHF           |
| 25   | 99-3405-01  | 1    | Shield-Steering     |
| 28   | 32128-21    | 2    | Nut-HF Lock         |
| 29   | 161-8355    | 1    | Cup Holder ASM      |
| 30   | 3290-321    | 2    | Screw-HWH           |
| 31   | 3296-2      | 2    | Nut-Lock, NI        |
| 32   | 3256-14     | 2    | Washer-Flat         |
| 33   | 3296-33     | 1    | Nut-Lock, NI        |
| 34   | 3256-27     | 1    | Washer-Flat         |
| 35   | 68-5140     | 1    | Cap-Wheel, Steering |
| 35:1 | 32144-21    | 1    | Screw               |

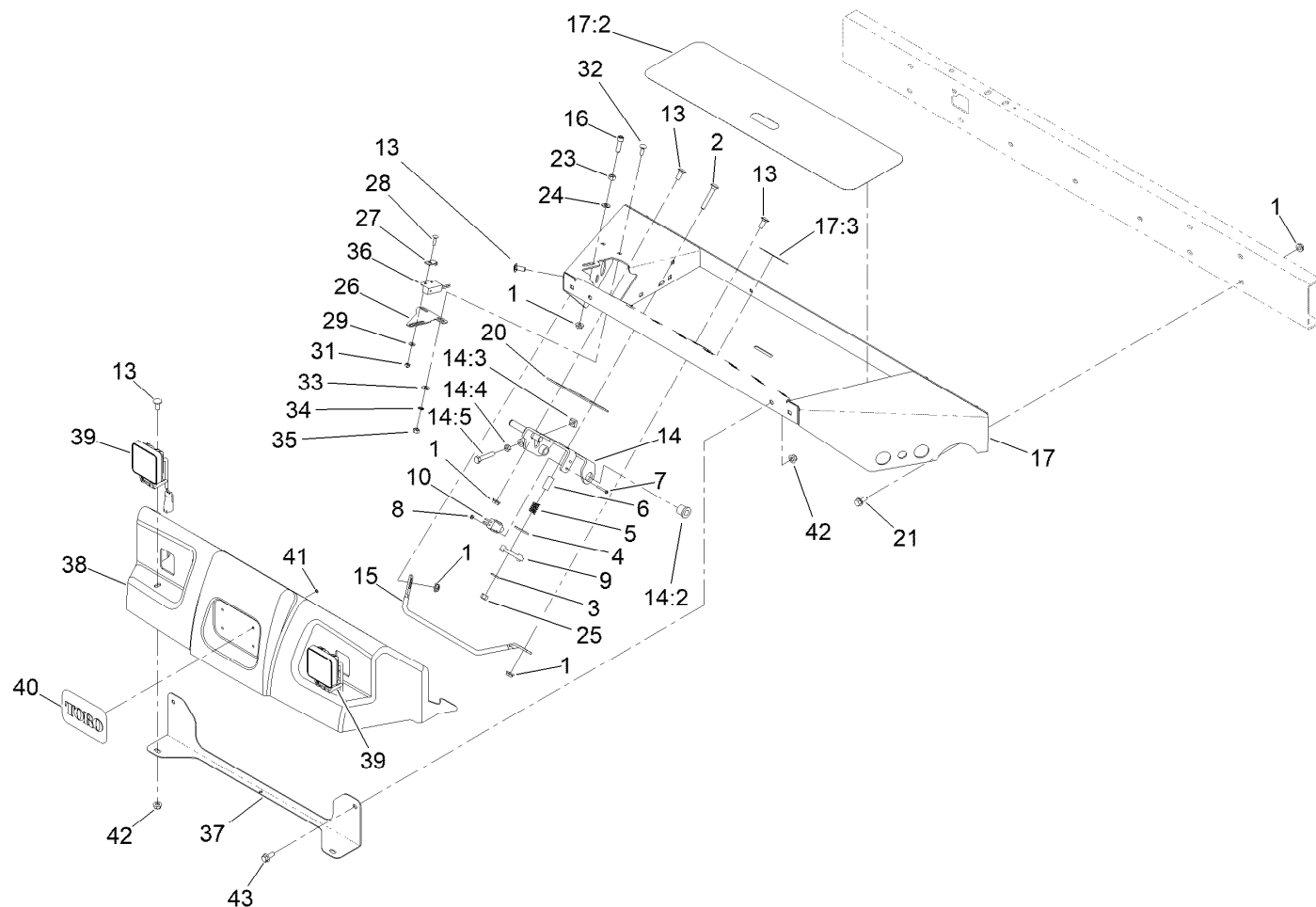


## Steering Valve Assembly No. 144-2099

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 1    | 106-6716    | 1    | Seal Kit ●        |
| 1:1  |             | 1    | Ring-Seal, Dust ■ |
| 1:2  |             | 1    | Seal-Shaft ■      |
| 1:3  |             | 1    | O-Ring ■          |
| 1:4  |             | 2    | O-Ring ■          |
| 1:5  |             | 5    | O-Ring ■          |
| 43   | 3296-33     | 1    | Nut-Lock, NI      |
| 54   | 237-21      | 2    | O-Ring            |
| 55   | 237-22      | 3    | O-Ring            |

● Not illustrated

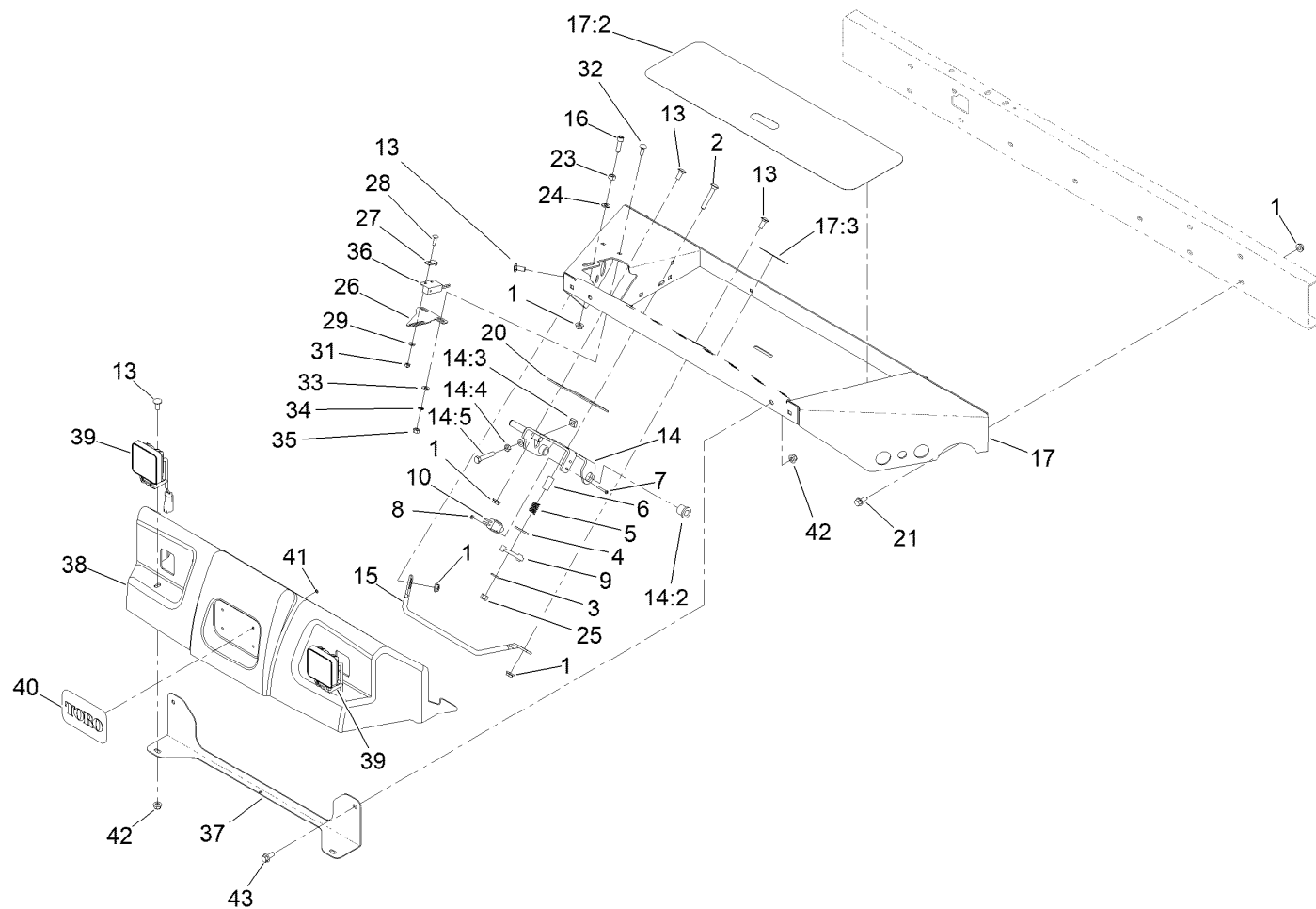
■ Not serviced separately



## Front Shroud and Floorplate Assembly

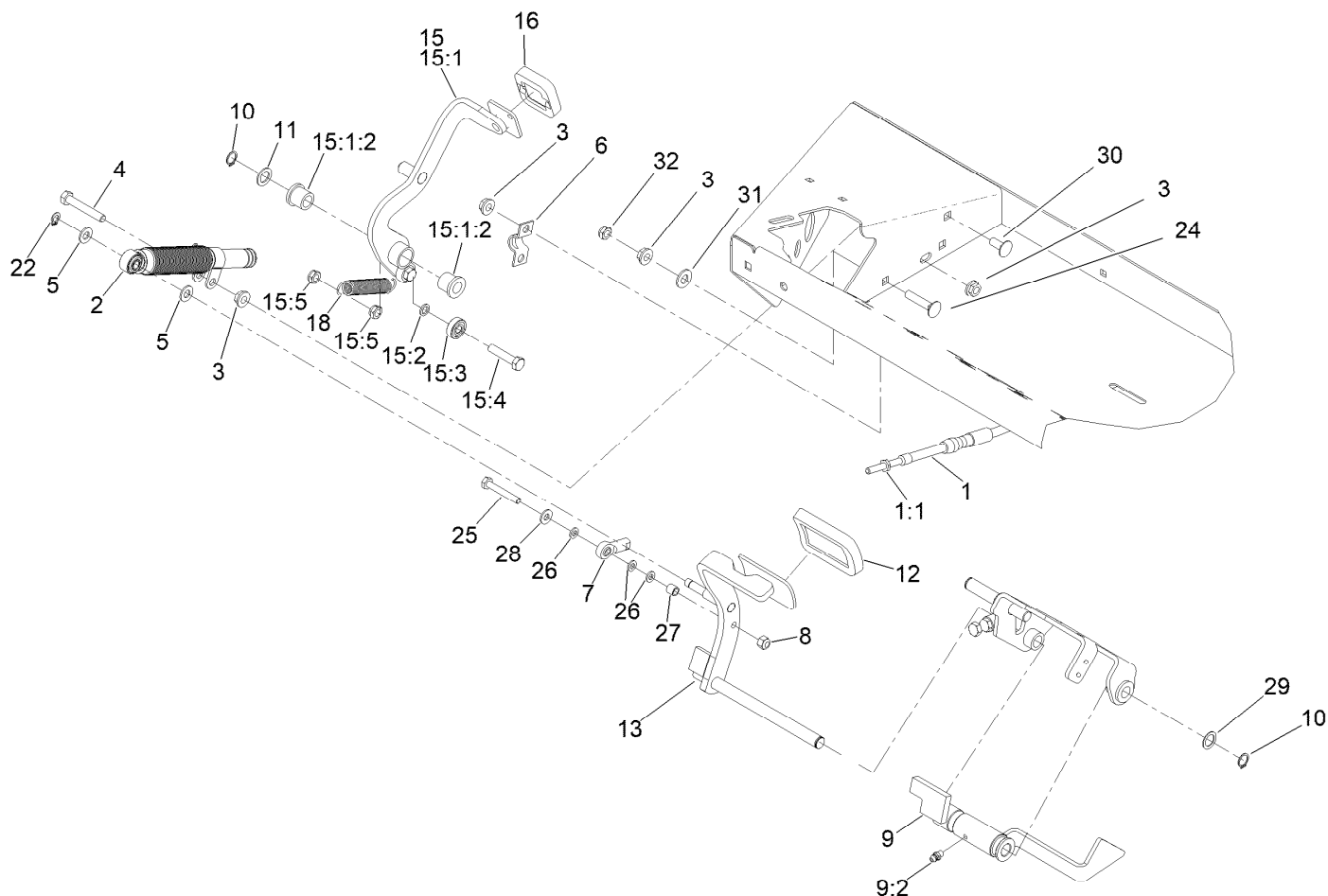
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 32128-20    | 15   | Nut-HF               |
| 2    | 3230-6      | 1    | Bolt-CARR            |
| 3    | 3256-3      | 1    | Washer-Flat          |
| 4    | 87-7270     | 1    | Washer-Thrust        |
| 5    | 65-9940     | 1    | Spring               |
| 6    | 95-8866     | 1    | Tube-Arm, Rocker     |
| 7    | 32105-9     | 2    | Screw-HH             |
| 8    | 3296-9      | 2    | Nut-Hex              |
| 9    | 99-3593     | 1    | Arm-Rocker           |
| 10   | 95-8900     | 1    | Switch               |
| 13   | 3230-23     | 6    | Bolt-CARR            |
| 14   | 140-6253    | 1    | Traction Bracket ASM |
| 14:2 | 256-243     | 2    | Bearing-Flange       |
| 14:3 | 99-3565     | 1    | Nut-Square           |
| 14:4 | 3218-2      | 1    | Nut-Hex Jam          |
| 14:5 | 322-41      | 1    | Bolt-Hex, TAP        |
| 15   | 95-8893     | 1    | Bar-Deflector        |
| 16   | 3274-22     | 1    | Screw-HSH            |
| 17   | 120-2189    | 1    | Floorplate ASM       |
| 17:2 | 99-3478     | 1    | Tread-Foot           |
| 17:3 | 99-3444     | 1    | Decal-Mow/Transport  |

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 20   | 106-2661-0P | 1    | Plate-Support           |
| 21   | 3234-5      | 10   | Screw-HHF               |
| 23   | 3217-6      | 1    | Nut-Hex                 |
| 24   | 3256-23     | 1    | Washer-Plain            |
| 25   | 3296-29     | 1    | Nut-Lock, NI            |
| 26   | 100-4871    | 1    | Bracket-Switch, Neutral |
| 27   | 100-4872    | 1    | Plate-Switch, Neutral   |
| 28   | 3229-20     | 1    | Screw-CARR              |
| 29   | 3256-14     | 1    | Washer-Flat             |
| 31   | 3296-2      | 1    | Nut-Lock, NI            |
| 32   | 3229-1      | 2    | Screw-CARR              |
| 33   | 3256-22     | 2    | Washer-Flat             |
| 34   | 3255-7      | 2    | Washer-Lock/EXT         |
| 35   | 3217-5      | 2    | Nut-Hex                 |
| 36   | 100-1270    | 1    | Switch-Proximity        |
| 37   | 121-7822-0P | 1    | Bracket-Head Light      |
| 38   | 121-7823    | 1    | Shroud-Front            |
| 39   | 145-2598    | 2    | Light-Work, LED         |
| 40   | 93-6028     | 1    | Plate-Logo              |
| 41   | 3254-9      | 4    | Washer-Lock, Internal   |



## Front Shroud and Floorplate Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------|
| 42   | 104-8300    | 4    | Nut-HF, NI  |
| 43   | 3234-47     | 2    | Screw-HHF   |

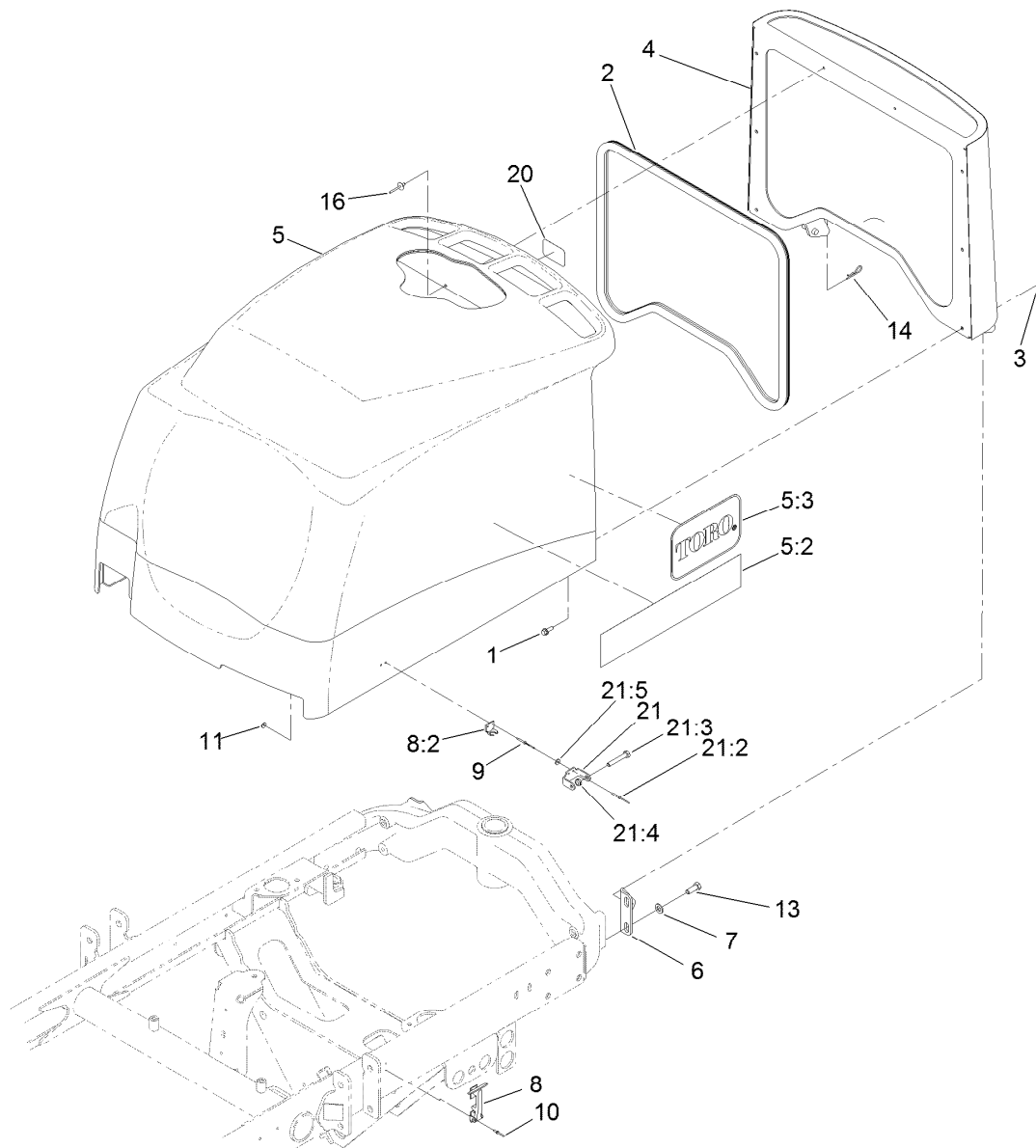


## Traction Control Assembly

| Ref. | Part Number | Qty. | Description                       |
|------|-------------|------|-----------------------------------|
| 1    | 100-4815    | 1    | Cable-Control, Traction           |
| 1:1  | 3220-1      | 2    | Nut-Jam                           |
| 2    | 140-6248    | 1    | Damper                            |
| 3    | 32128-20    | 5    | Nut-HF                            |
| 4    | 322-10      | 1    | Screw-HH                          |
| 5    | 3256-23     | 2    | Washer-Plain                      |
| 6    | 93-2092     | 1    | Clamp-Cable                       |
| 7    | 2411-41     | 1    | Rod End-Ball Joint                |
| 8    | 3296-42     | 1    | Nut-Lock, NI                      |
| 9    | 140-6255    | 1    | Detent Slider ASM                 |
| 9:2  | 302-5       | 1    | Fitting-Grease                    |
| 10   | 32151-84    | 2    | Ring-Shaft, EXT                   |
| 11   | 41-8440     | 1    | Washer                            |
| 12   | 74-9100     | 1    | Pad-Pedal, Forward                |
| 13   | 140-6263    | 1    | Traction Pedal ASM                |
| 15   | 140-6251    | 1    | Reverse Pedal ASM                 |
| 15:1 |             | 1    | Reverse Pedal ASM<br>W/Bushings ● |

| Ref.   | Part Number | Qty. | Description        |
|--------|-------------|------|--------------------|
| 15:1:2 | 256-243     | 2    | Bearing-Flange     |
| 15:2   | 75-5470     | 1    | Spacer-Bearing     |
| 15:3   | 251-259     | 1    | Bearing-Ball       |
| 15:4   | 322-7       | 1    | Screw-HH           |
| 15:5   | 3296-47     | 2    | Nut-Lock, NI       |
| 16     | 74-9110     | 1    | Pad-Pedal, Reverse |
| 18     | 99-3476     | 1    | Spring-Extension   |
| 22     | 32151-3     | 1    | Ring-Grip          |
| 24     | 3230-27     | 1    | Screw-CARR         |
| 25     | 321-10      | 1    | Screw-HH           |
| 26     | 33093-00    | 3    | Washer-Flat        |
| 27     | 99-3545     | 1    | Spacer             |
| 28     | 3256-22     | 1    | Washer-Flat        |
| 29     | 73-0040     | 4    | Washer-Thrust      |
| 30     | 3230-23     | 2    | Bolt-CARR          |
| 31     | 3256-24     | 1    | Washer-Plain       |
| 32     | 3296-47     | 1    | Nut-Lock, NI       |

● Not serviced separately

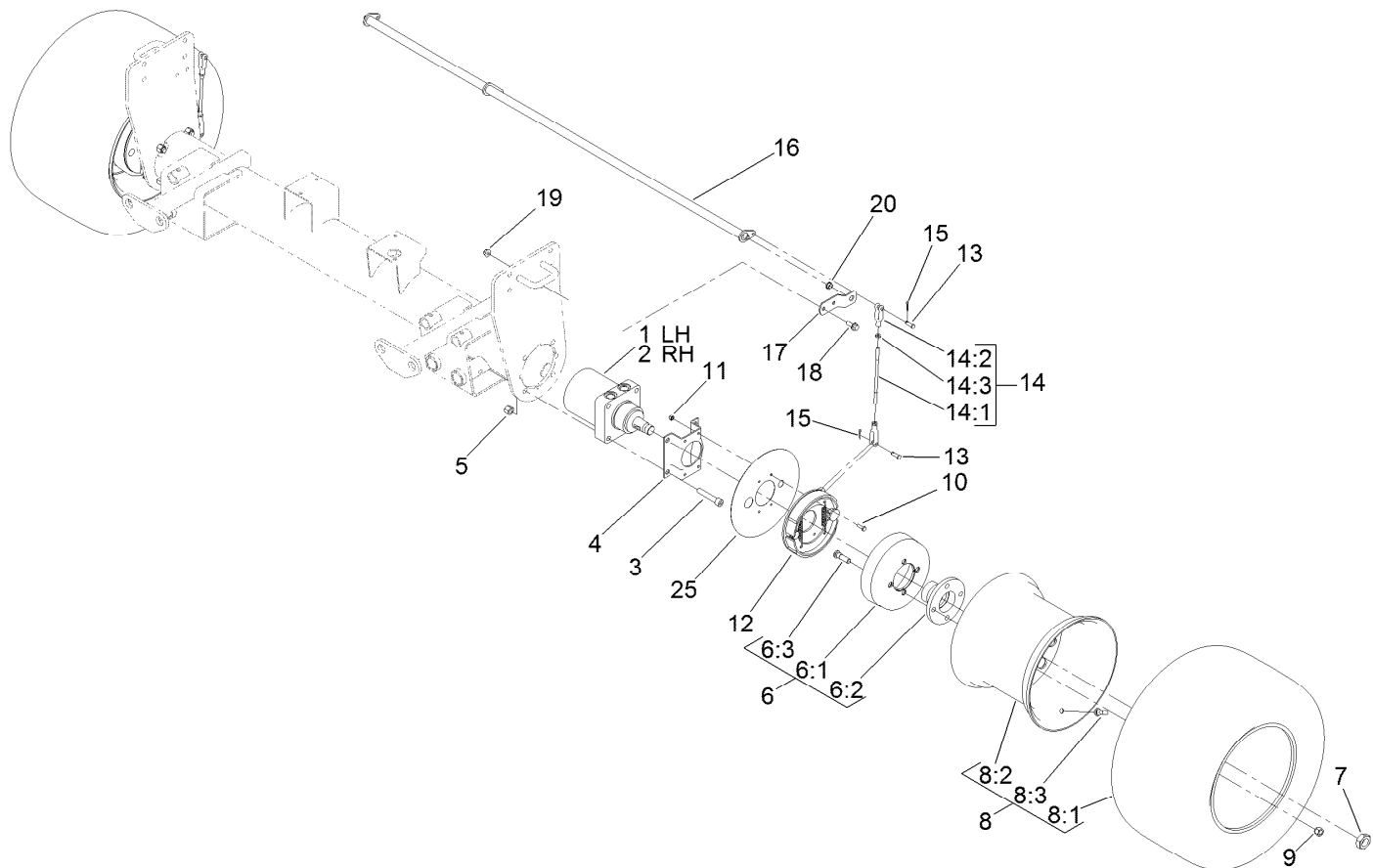


## Hood and Screen Assembly

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 3234-4      | 6    | Screw-HHF           |
| 2    | 100-4932    | 1    | Trim-Seal           |
| 3    | 3296-42     | 6    | Nut-Lock, NI        |
| 4    | 104-4853-03 | 1    | Screen-Hood         |
| 5    | 127-8598    | 1    | Hood ASM            |
| 5:2  | 127-8595    | 2    | Decal-Hood          |
| 5:3  | 62-7400     | 2    | Decal-Toro Logo     |
| 6    | 95-8728     | 2    | Bracket-Pivot, Hood |
| 7    | 3256-24     | 8    | Washer-Plain        |
| 8    | 59-9740     | 2    | Flex Draw Latch ASM |
| 8:2  | 249-40      | 1    | Keeper              |
| 9    | 107-0333    | 4    | Rivet-Pop           |

| Ref. | Part Number | Qty. | Description  |
|------|-------------|------|--------------|
| 10   | 3290-55     | 4    | Rivet-Pop    |
| 11   | 3269-10     | 4    | Washer-Back  |
| 13   | 323-6       | 4    | Screw-HH     |
| 14   | 3290-467    | 1    | Pin-Hair     |
| 16   | 3269-21     | 2    | Rivet-Pop    |
| 20   | 110-7135    | 1    | Decal-Toro   |
| 21   | 119-2004    | 1    | CE Latch Kit |
| 21:2 | 107-0333    | 2    | Rivet-Pop    |
| 21:3 | 322-10      | 1    | Screw-HH     |
| 21:4 | 3296-47     | 1    | Nut-Lock, NI |
| 21:5 | 3269-10     | 2    | Washer-Back  |



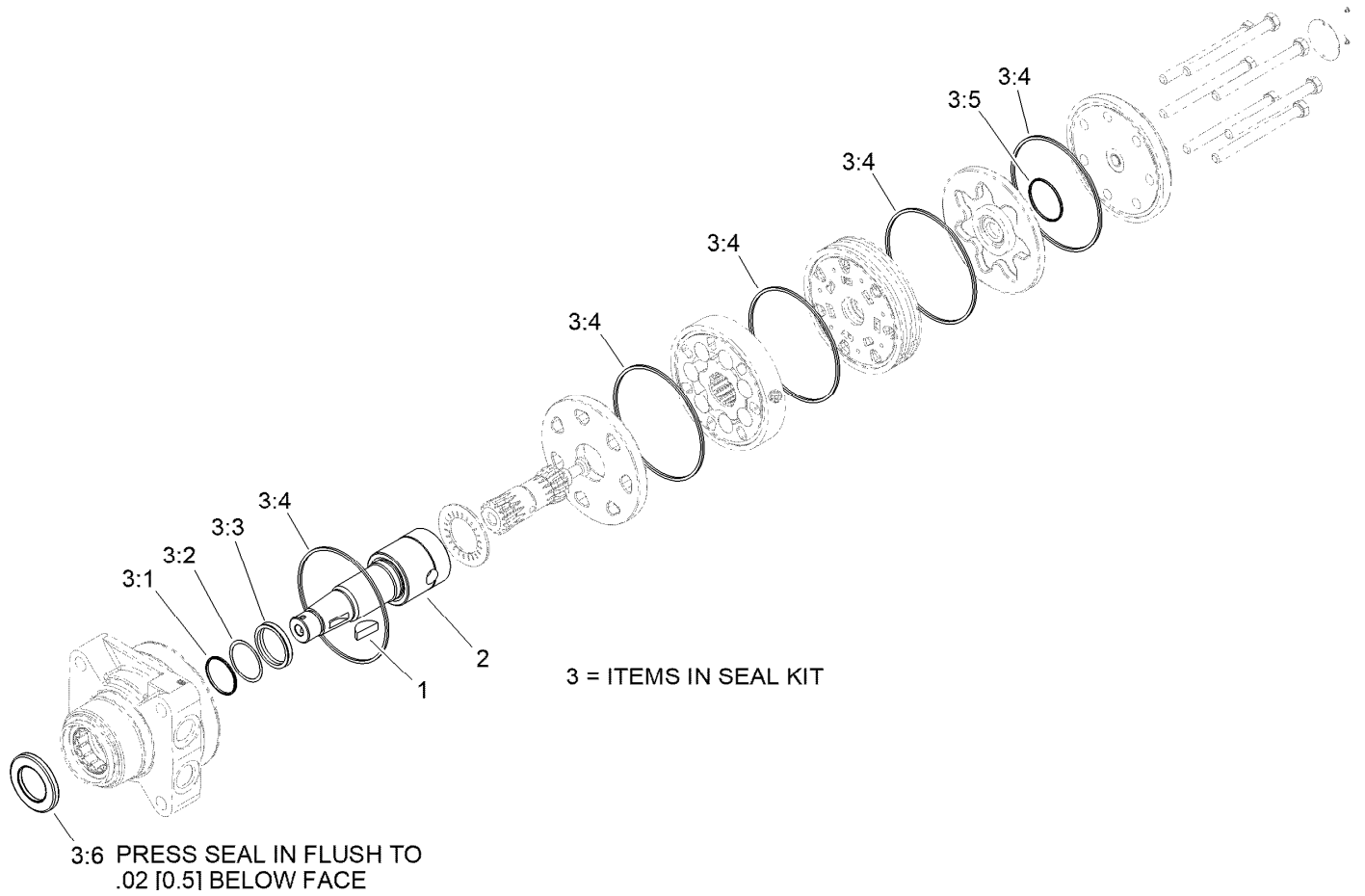


## Wheel and Brake Assembly

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 110-8785    | 1    | HYD Motor ASM (CCW) |
| 2    | 110-8786    | 1    | HYD Motor ASM (CW)  |
| 3    | 3274-93     | 8    | Screw-HSH           |
| 4    | 147-3595    | 2    | Bracket-Brake       |
| 5    | 3296-23     | 8    | Nut-Lock, NI        |
| 6    | 140-6369    | 2    | Brake Drum ASM      |
| 6:1  | 93-6838     | 1    | Hub-Wheel           |
| 6:2  | 140-6405    | 1    | Brake Drum          |
| 6:3  | 85-6540     | 4    | Stud-Drive          |
| 7    | 116-1399    | 2    | Locknut             |
| 8    |             | 2    | Tire ASM ●          |
| 8:1  | 120-2114    | 1    | Tire-Smooth         |
| 8:2  | 120-2115    | 1    | Wheel-12 Inch       |
| 8:3  | 232-27      | 1    | Stem-Valve          |
| 9    | 139-2564    | 8    | Nut-Lug             |

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 10   | 321-5       | 8    | Screw-HH             |
| 11   | 3296-42     | 8    | Nut-Lock, NI         |
| 12   | 127-8535    | 2    | Brake ASM            |
| 13   | 283-1       | 4    | Pin-Clevis           |
| 14   | 127-8538    | 2    | Brake Lever ASM      |
| 14:1 | 127-8537    | 1    | Rod-Brake            |
| 14:2 | 1-303105    | 2    | Yoke-Adjustable      |
| 14:3 | 3220-2      | 2    | Nut-Hex Jam          |
| 15   | 3272-10     | 4    | Pin-Cotter           |
| 16   | 127-8434-03 | 1    | Shaft-Pivot, Brake   |
| 17   | 95-8683     | 2    | Bracket-Pivot, Brake |
| 18   | 3234-11     | 4    | Screw-HHF            |
| 19   | 32128-43    | 4    | Nut-Flange           |
| 20   | 256-156     | 2    | Bushing-Flange       |
| 25   | 136-8006-0P | 2    | Shield-Wheel Rim     |

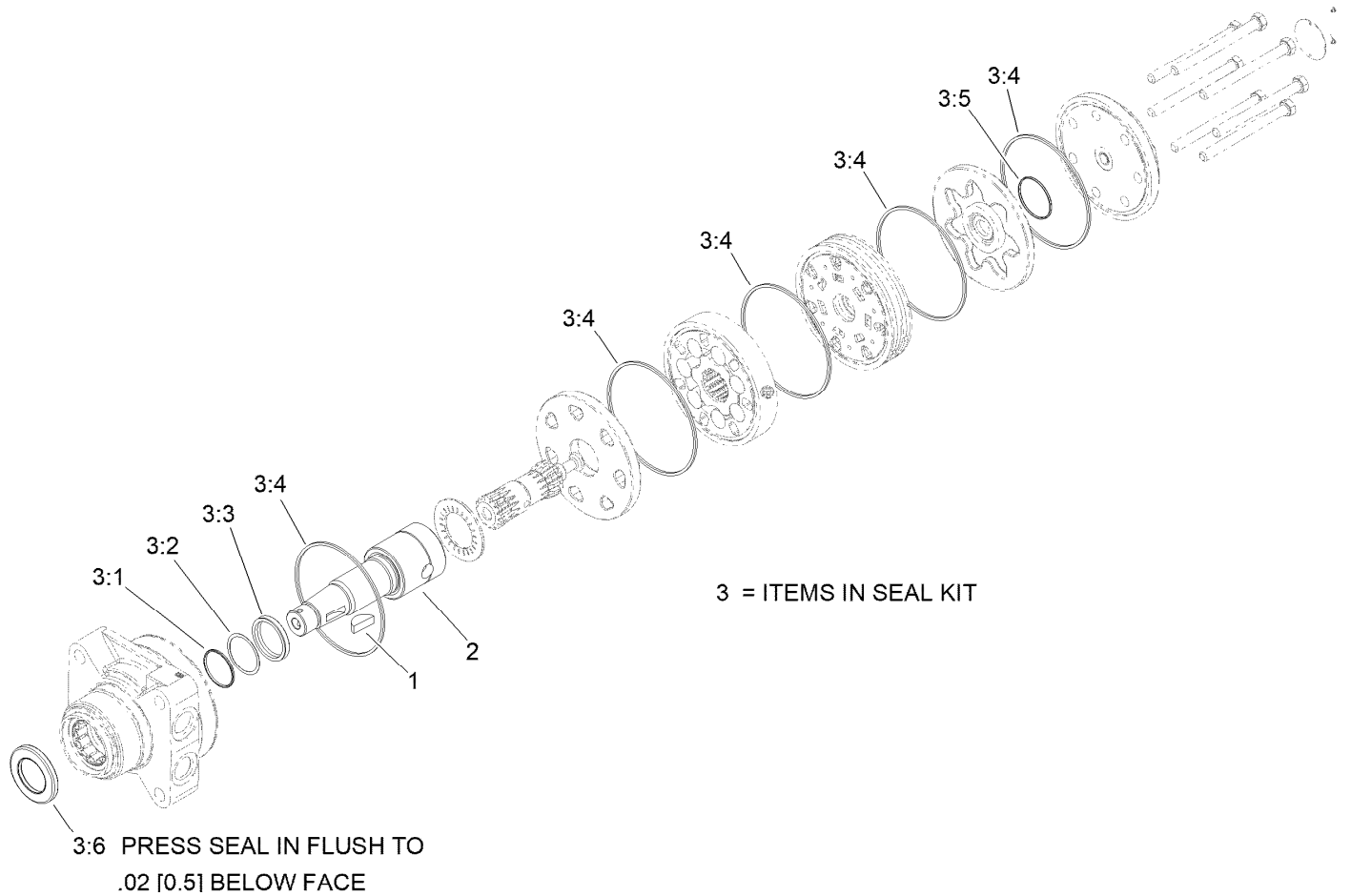
● Not serviced separately



## Hydraulic Motor Assembly No. 110-8786

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 3257-42     | 1    | Key-Woodruff          |
| 2    | 99-3090     | 1    | Shaft-Coupling        |
| 3    | 100-6131    | 1    | Seal Kit              |
| 3:1  |             | 1    | Ring-Back Up ●        |
| 3:2  |             | 1    | Washer-Back Up ●      |
| 3:3  |             | 1    | Seal-Shaft ●          |
| 3:4  |             | 5    | Seal-Ring ●           |
| 3:5  |             | 1    | Seal-Commutator ●     |
| 3:6  |             | 1    | Seal-Dirt And Water ● |

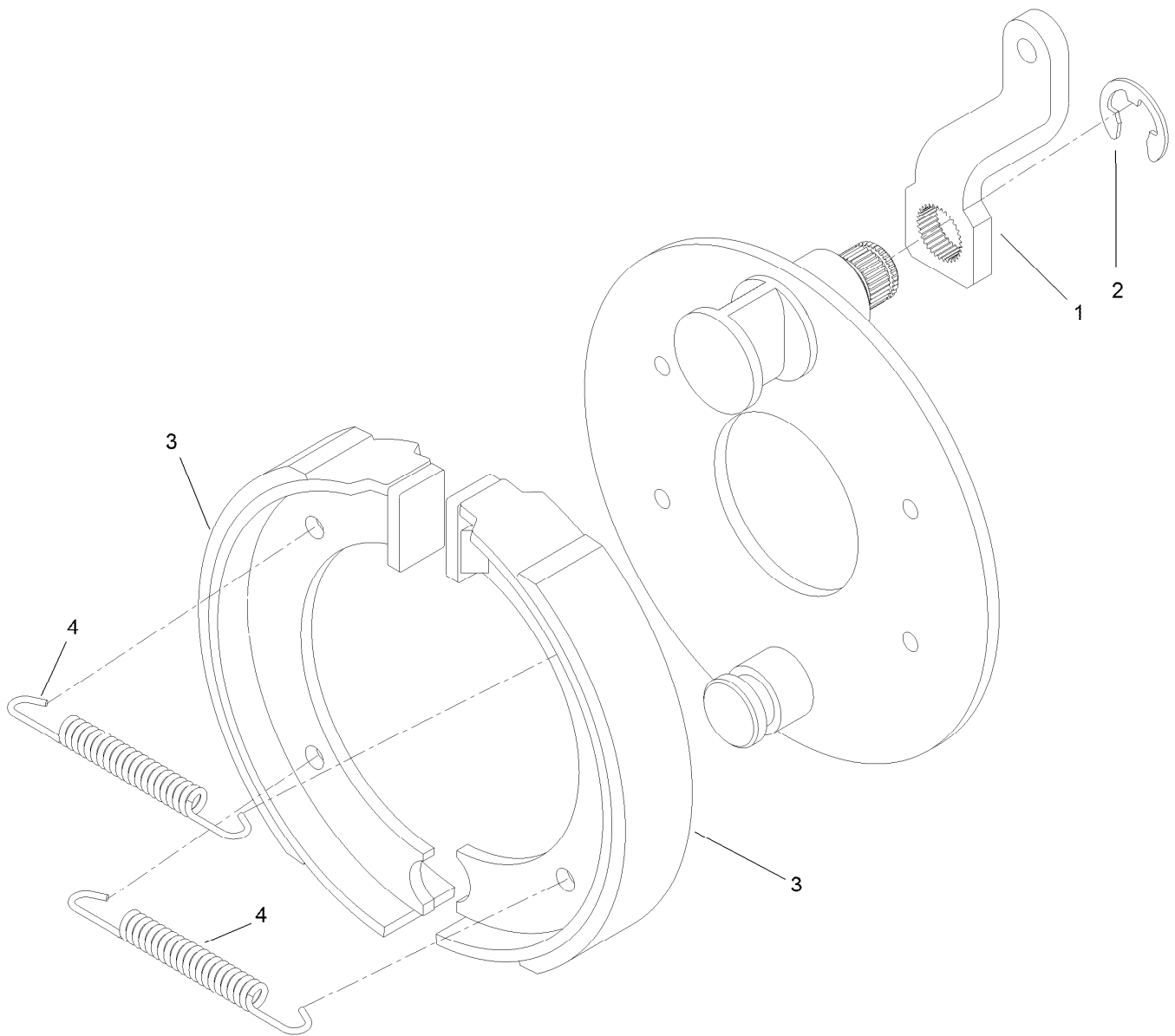
● Not serviced separately



## Hydraulic Motor Assembly No. 110-8785

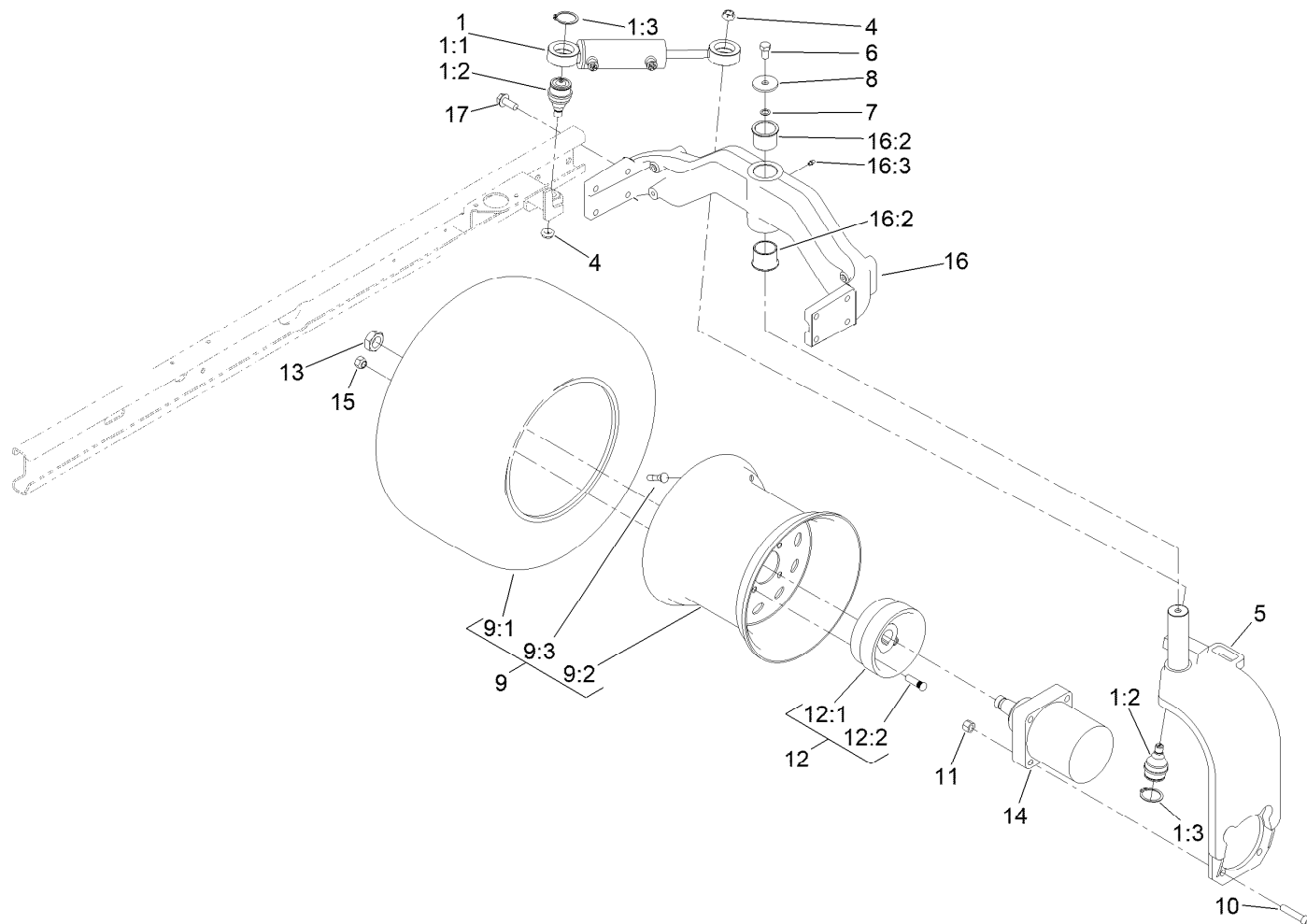
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 3257-42     | 1    | Key-Woodruff          |
| 2    | 99-3090     | 1    | Shaft-Coupling        |
| 3    | 100-6131    | 1    | Seal Kit              |
| 3:1  |             | 1    | Ring-Back Up ●        |
| 3:2  |             | 1    | Washer-Back Up ●      |
| 3:3  |             | 1    | Seal-Shaft ●          |
| 3:4  |             | 5    | Seal-Ring ●           |
| 3:5  |             | 1    | Seal-Commutator ●     |
| 3:6  |             | 1    | Seal-Dirt And Water ● |

● Not serviced separately



## Brake Assembly No. 127-8535

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 127-8567    | 1    | Lever                 |
| 2    | 127-8566    | 1    | E-Clip, 15MM External |
| 3    | 127-8570    | 2    | Brake-Shoe            |
| 4    | 127-8569    | 2    | Brake-Spring          |

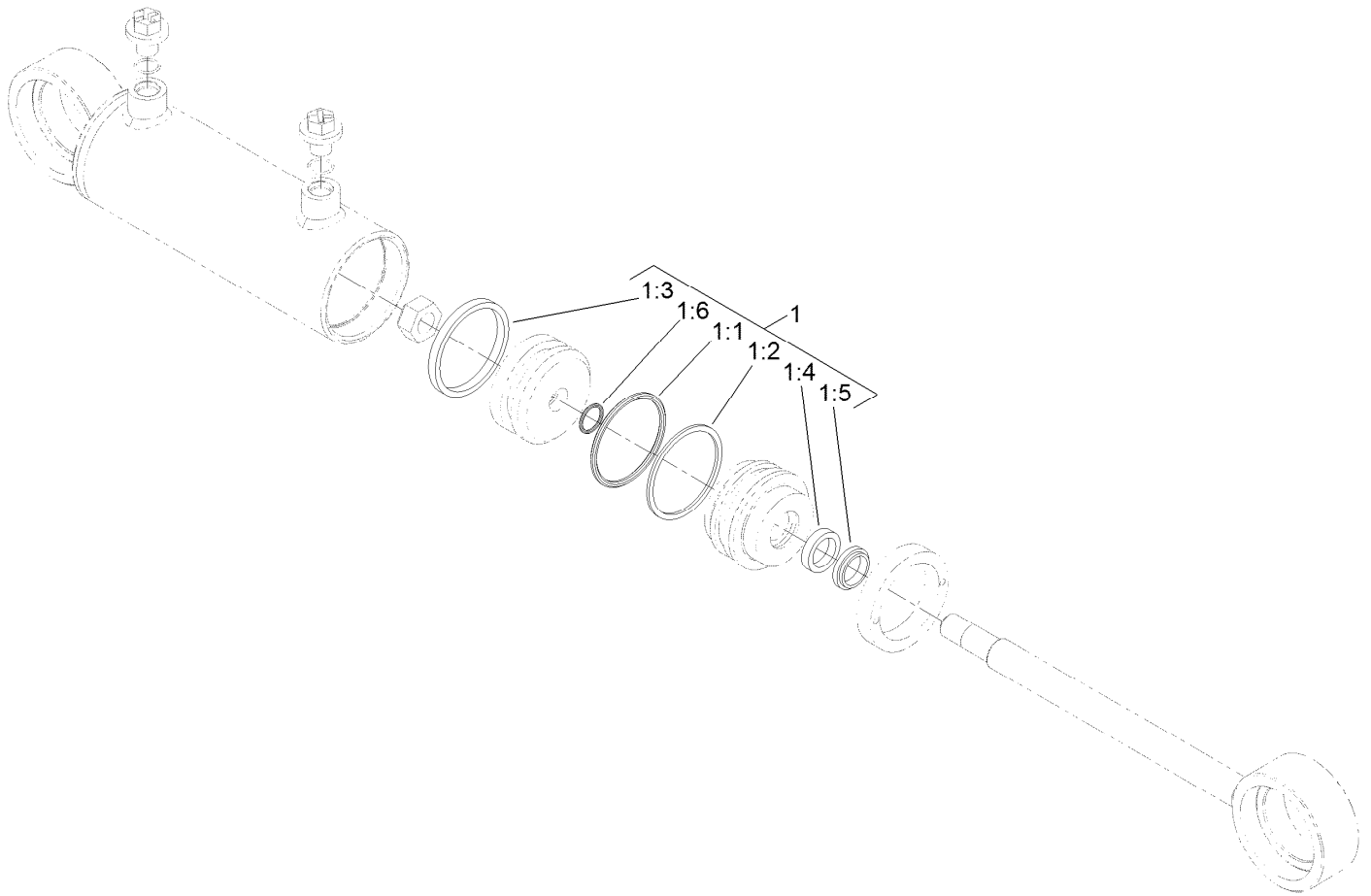


## Rear Fork Assembly

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 1    | 133-4912    | 1    | Steering Cylinder ASM    |
| 1:1  | 121-7835    | 1    | Steering Cylinder ASM    |
| 1:2  | 121-3605    | 2    | Ball Joint               |
| 1:3  | 32151-104   | 2    | Ring-Retaining, External |
| 4    | 121-3611    | 2    | Nut-Hex, Flextop         |
| 5    | 140-6295-01 | 1    | Rear Fork ASM [red]      |
| 6    | 325-3       | 1    | Screw-HH                 |
| 7    | 3255-2      | 1    | Washer-Lock, EXT         |
| 8    | 75-7730     | 1    | Washer-Thrust            |
| 9    |             | 1    | Tire ASM ●               |
| 9:1  | 120-2114    | 1    | Tire-Smooth              |
| 9:2  | 120-2115    | 1    | Wheel-12 Inch            |
| 9:3  | 232-27      | 1    | Stem-Valve               |

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 10   | 3274-71     | 4    | Screw-HSH        |
| 11   | 3296-23     | 4    | Nut-Lock, NI     |
| 12   | 103-0590    | 1    | Wheel Hub ASM    |
| 12:1 | 103-0589    | 1    | Hub-Wheel        |
| 12:2 | 1-633926    | 4    | Stud-Wheel       |
| 13   | 116-1399    | 1    | Locknut          |
| 14   | 95-8694     | 1    | HYD Motor ASM    |
| 15   | 139-2564    | 4    | Nut-Lug          |
| 16   | 127-8576    | 1    | Rear Casting ASM |
| 16:2 | 127-8572    | 2    | Bushing-Flange   |
| 16:3 | 302-5       | 1    | Fitting-Grease   |
| 17   | 3234-38     | 8    | Screw-HHF        |

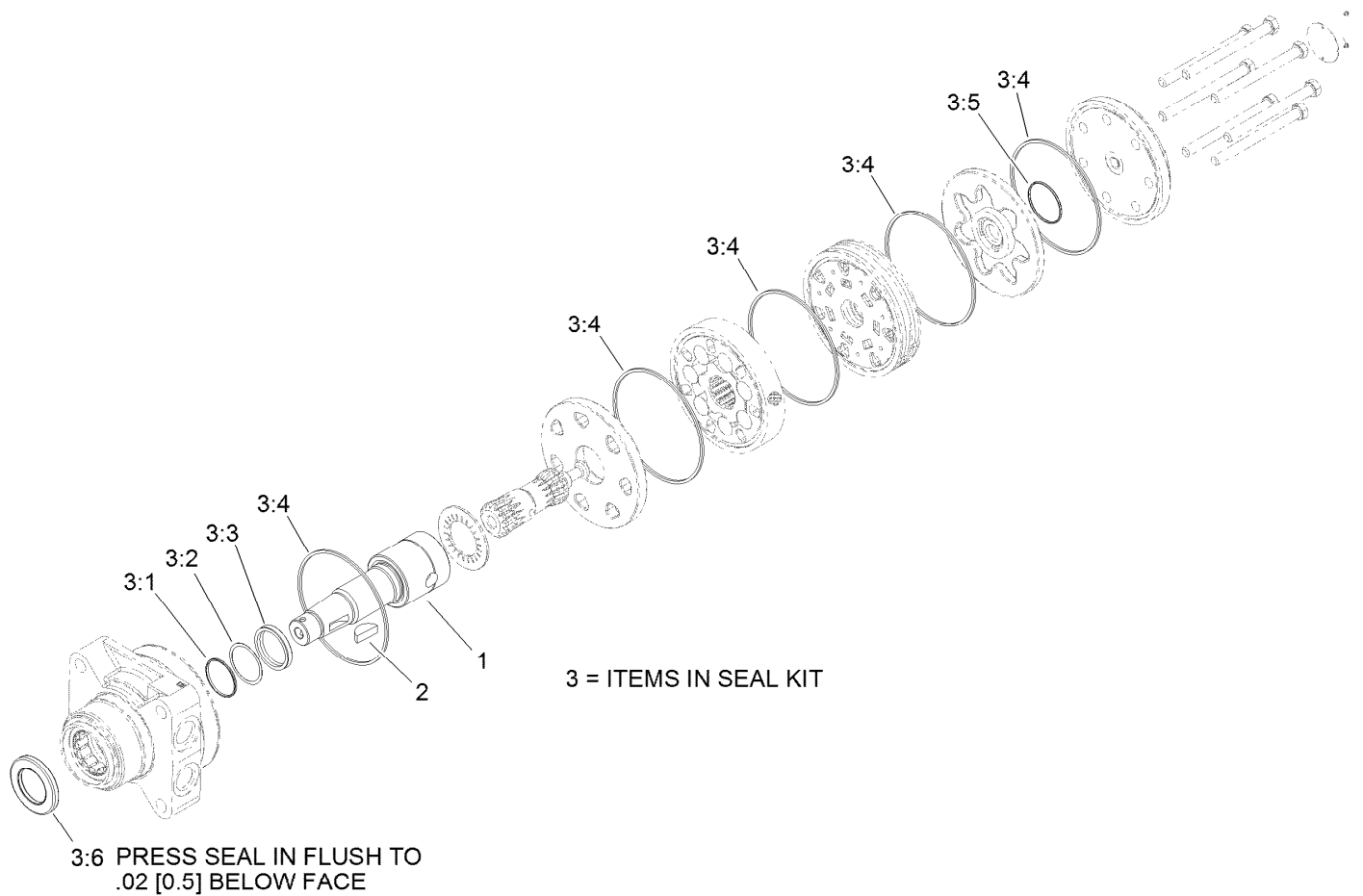
● Not serviced separately



## Steering Cylinder Assembly No. 121-7835

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 121-7844           | 1           | Kit-Seal           |
| 1:1         |                    | 1           | O-Ring ●           |
| 1:2         |                    | 1           | Backup ●           |
| 1:3         |                    | 1           | Psp Seal ●         |
| 1:4         |                    | 1           | Bt Seal ●          |
| 1:5         |                    | 1           | Dust Seal-Dt ●     |
| 1:6         |                    | 1           | O-Ring ●           |

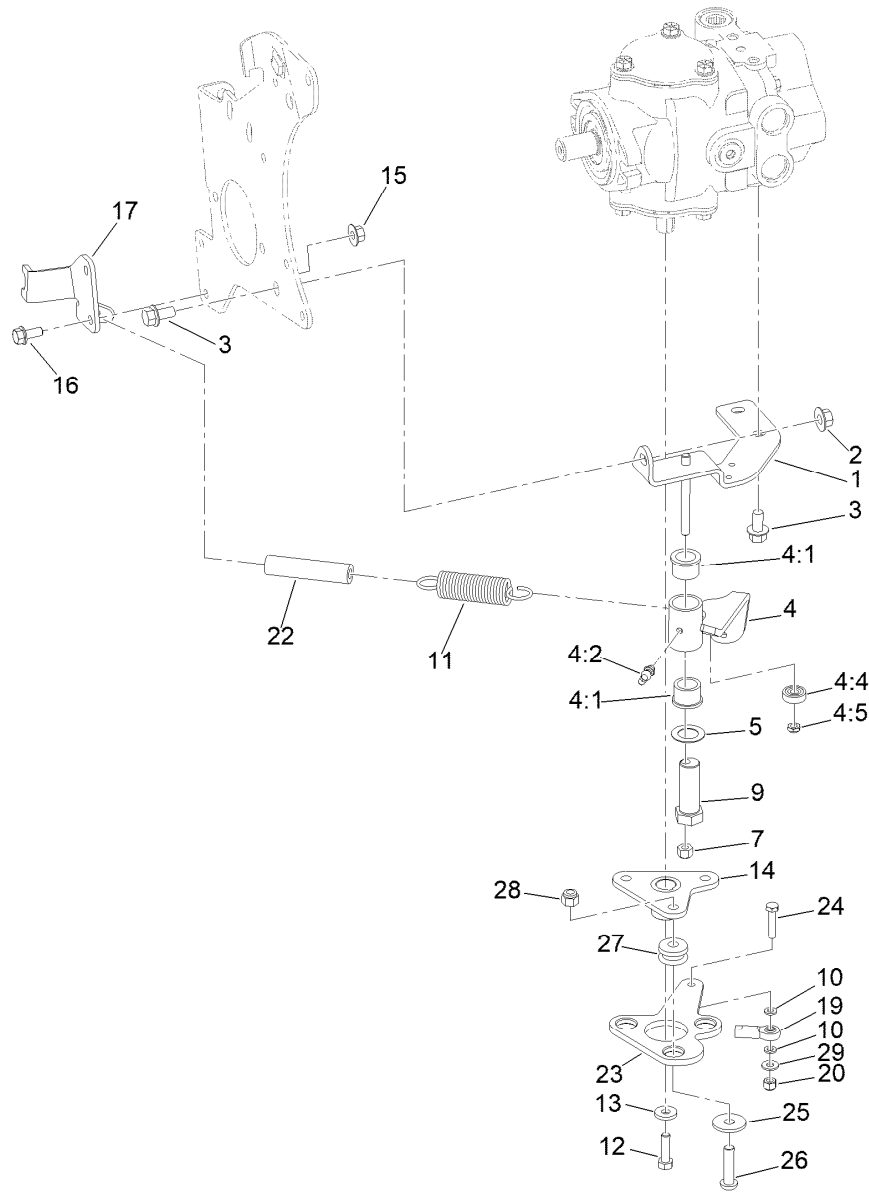
● Not serviced separately



## Hydraulic Motor Assembly No. 95-8694

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 99-3090     | 1    | Shaft-Coupling        |
| 2    | 3257-42     | 1    | Key-Woodruff          |
| 3    | 100-6131    | 1    | Seal Kit              |
| 3:1  |             | 1    | Ring-Back Up ●        |
| 3:2  |             | 1    | Washer-Back Up ●      |
| 3:3  |             | 1    | Seal-Shaft ●          |
| 3:4  |             | 5    | Seal-Ring ●           |
| 3:5  |             | 1    | Seal-Commutator ●     |
| 3:6  |             | 1    | Seal-Dirt And Water ● |

● Not serviced separately

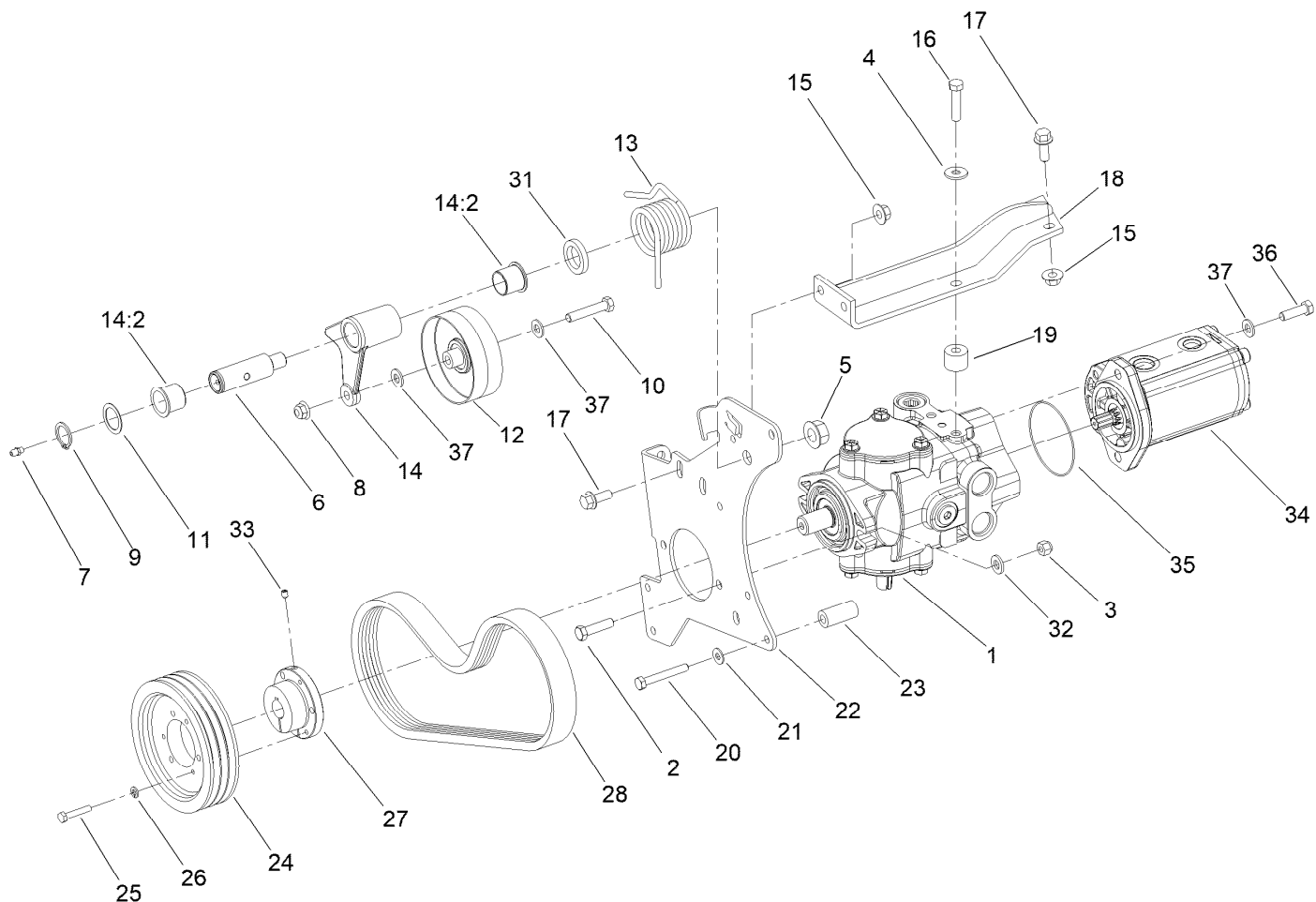


## Neutral Arm Assembly

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 1    | 95-8960-0P  | 1    | Bracket-Neutral  |
| 2    | 32128-43    | 1    | Nut-Flange       |
| 3    | 3234-1      | 3    | Screw-HHF        |
| 4    | 140-6168    | 1    | Neutral Arm ASM  |
| 4:1  | 256-113     | 2    | Bushing-Flange   |
| 4:2  | 302-60      | 1    | Fitting-Grease   |
| 4:4  | 251-259     | 1    | Bearing-Ball     |
| 4:5  | 3296-47     | 1    | Nut-Lock, NI     |
| 5    | 3-6498      | 1    | Washer-Thrust    |
| 7    | 3296-29     | 1    | Nut-Lock, NI     |
| 9    | 76-8640     | 1    | Stud-Traction    |
| 10   | 33093-00    | 2    | Washer-Flat      |
| 11   | 145-5262    | 1    | Spring-Extension |
| 12   | 3210-6      | 1    | Screw-HH         |
| 13   | 88-7200     | 1    | Washer-Flat      |

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 14   | 120-5566    | 1    | Hub                    |
| 15   | 32128-44    | 2    | Nut                    |
| 16   | 3234-5      | 2    | Screw-HHF              |
| 17   | 104-0464-03 | 1    | Bracket-Support, Cable |
| 19   | 2411-41     | 1    | Rod End-Ball Joint     |
| 20   | 3296-42     | 1    | Nut-Lock, NI           |
| 22   | 99-3556     | 1    | Hose                   |
| 23   | 99-3594-0P  | 1    | Lever-Pump             |
| 24   | 321-8       | 1    | Screw-HH               |
| 25   | 2844        | 3    | Washer                 |
| 26   | 95-3857     | 3    | Screw-HSBH             |
| 27   | 63-9750     | 3    | Mount                  |
| 28   | 3296-39     | 3    | Nut-Lock, NI           |
| 29   | 3256-22     | 1    | Washer-Flat            |

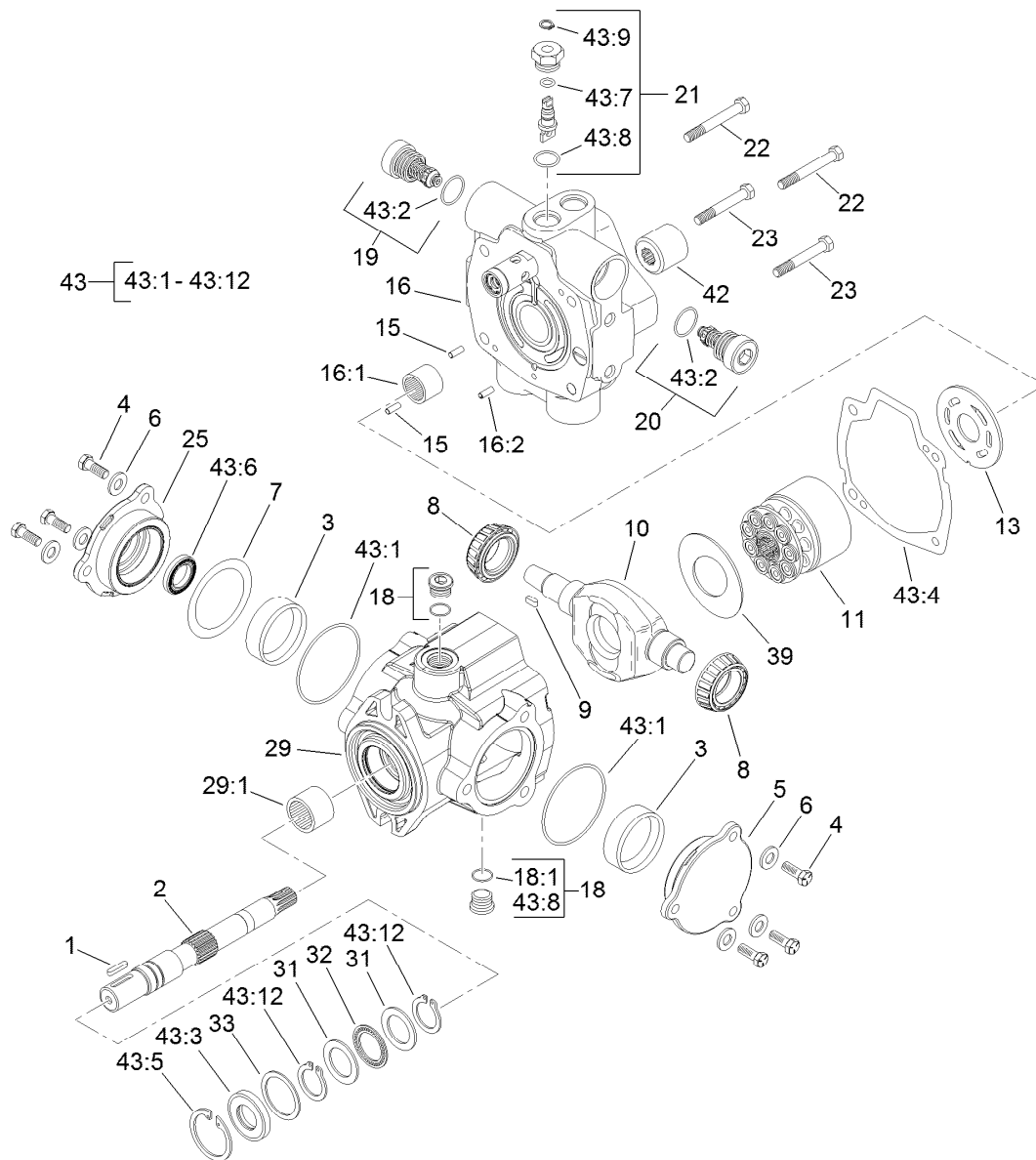




## Piston Pump and Gear Pump Assembly

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 104-4890    | 1    | Piston Pump ASM    |
| 2    | 323-8       | 2    | Screw-HH           |
| 3    | 3296-39     | 2    | Nut-Lock, NI       |
| 4    | 80-6990     | 2    | Washer-Hardened    |
| 5    | 32128-54    | 1    | Nut-HF             |
| 6    | 99-3624     | 1    | Shaft-Pivot, Idler |
| 7    | 302-5       | 1    | Fitting-Grease     |
| 8    | 104-8301    | 1    | Nut-HF, NI         |
| 9    | 32151-36    | 1    | Ring-Retaining     |
| 10   | 323-10      | 1    | Screw-HH           |
| 11   | 74-1810     | 1    | Washer             |
| 12   | 139-6031    | 1    | Pulley-Idler       |
| 13   | 115-3488    | 1    | Spring-Torsion     |
| 14   | 137-1653    | 1    | Idler Arm ASM      |
| 14:2 | 126-1963    | 2    | Bushing-Pivot      |
| 15   | 32128-43    | 4    | Nut-Flange         |
| 16   | 323-19      | 2    | Screw-HH           |
| 17   | 3234-11     | 4    | Screw-HHF          |

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 18   | 99-3436-0P  | 1    | Support-Pump          |
| 19   | 99-3440     | 2    | Spacer                |
| 20   | 33114-060   | 4    | Screw-HH              |
| 21   | 87-8640     | 3    | Washer-Flat           |
| 22   | 95-8933-0P  | 1    | Plate - Pump Mount *b |
| 23   | 95-8941     | 4    | Spacer-Mount, Pump    |
| 24   | 99-3620     | 1    | Pulley-3V, Pump       |
| 25   | 321-13      | 3    | Screw-HH              |
| 26   | 3253-3      | 3    | Washer-Lock           |
| 27   | 100-4813    | 1    | Bushing-Lock, Taper   |
| 28   | 99-3619     | 1    | Belt-3V               |
| 31   | 99-3625     | 1    | Spacer-Arm, Idler     |
| 32   | 100-4852    | 2    | Washer-Hardened       |
| 33   | 3245-7      | 1    | Screw-Set             |
| 34   | 121-7841    | 1    | HYD Gear Pump ASM     |
| 35   | 60-3520     | 1    | O-Ring                |
| 36   | 323-7       | 2    | Screw-HH              |
| 37   | 3256-24     | 4    | Washer-Plain          |



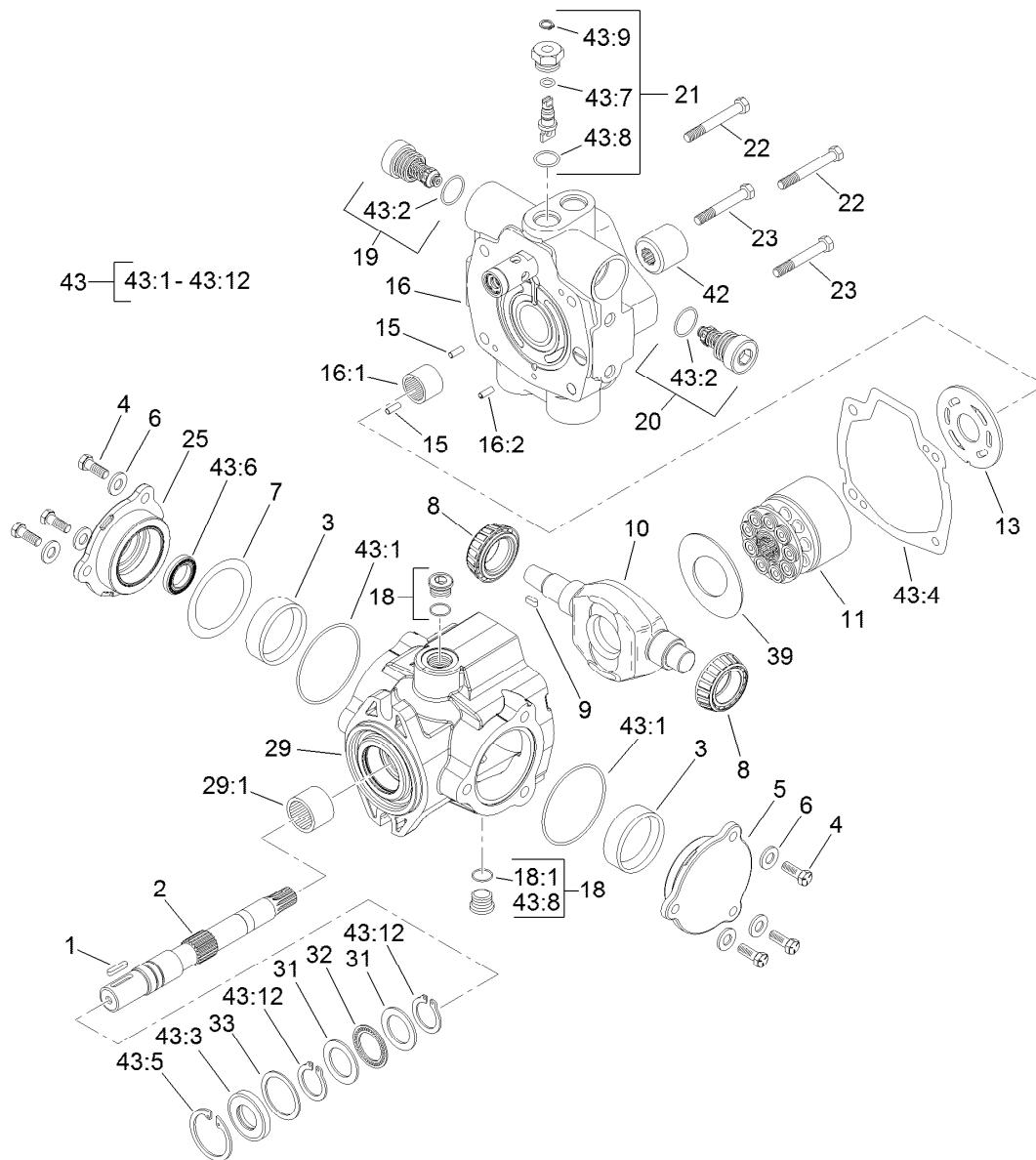
## Hydraulic Pump Assembly No. 104-4890

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 1    | 94-3645     | 1    | Key              |
| 2    | 94-6359     | 1    | Shaft-Drive      |
| 3    | 104-4046    | 2    | Bearing-Cup      |
| 4    | 98-4640     | 6    | Screw-Cap        |
| 5    | 98-4644     | 1    | Plate-Cover      |
| 6    | 105-9762    | 6    | Washer           |
| 7    | 100-3182    | 2    | Shim Kit         |
| 8    | 98-4639     | 2    | Bearing-Cone     |
| 9    | 94-3646     | 1    | Key              |
| 10   | 104-4888    | 1    | Swashplate       |
| 11   | 76-6070     | 1    | Rotating Kit     |
| 13   | 104-0429    | 1    | Plate-Valve      |
| 15   | 76-6150     | 2    | Pin-Dowel        |
| 16   | 105-3813    | 1    | Endcover Sub ASM |
| 16:1 | 94-6368     | 1    | Bearing          |
| 16:2 |             | 1    | Pin-Roll ■       |
| 18   | 74-9280     | 2    | Plug ASM         |
| 18:1 |             | 1    | O-Ring ■         |

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 19   | 104-4889    | 1    | Relief Valve ASM  |
| 20   | 105-3812    | 1    | Valve-Check       |
| 21   | 105-3811    | 1    | Valve-Bypass      |
| 22   | 76-6170     | 2    | Capscrew          |
| 23   | 76-6160     | 2    | Capscrew          |
| 25   | 98-4645     | 1    | Plate-Cover       |
| 29   | 100-3176    | 1    | Housing ASM       |
| 29:1 | 94-6363     | 1    | Bearing           |
| 31   | 252-71      | 2    | Washer-Thrust     |
| 32   | 252-66      | 1    | Bearing-Thrust    |
| 33   | 33-3720     | 1    | Washer            |
| 39   | 98-4635     | 1    | Insert-Plate, Cam |
| 42   | 74-9040     | 1    | Coupler           |
| 43   | 120-5754    | 1    | Seal Kit          |
| 43:1 |             | 2    | O-Ring ■          |
| 43:2 |             | 2    | O-Ring ■          |
| 43:3 |             | 1    | Seal-Shaft ■      |
| 43:4 |             | 1    | Gasket ■          |

● Not illustrated

■ Not serviced separately



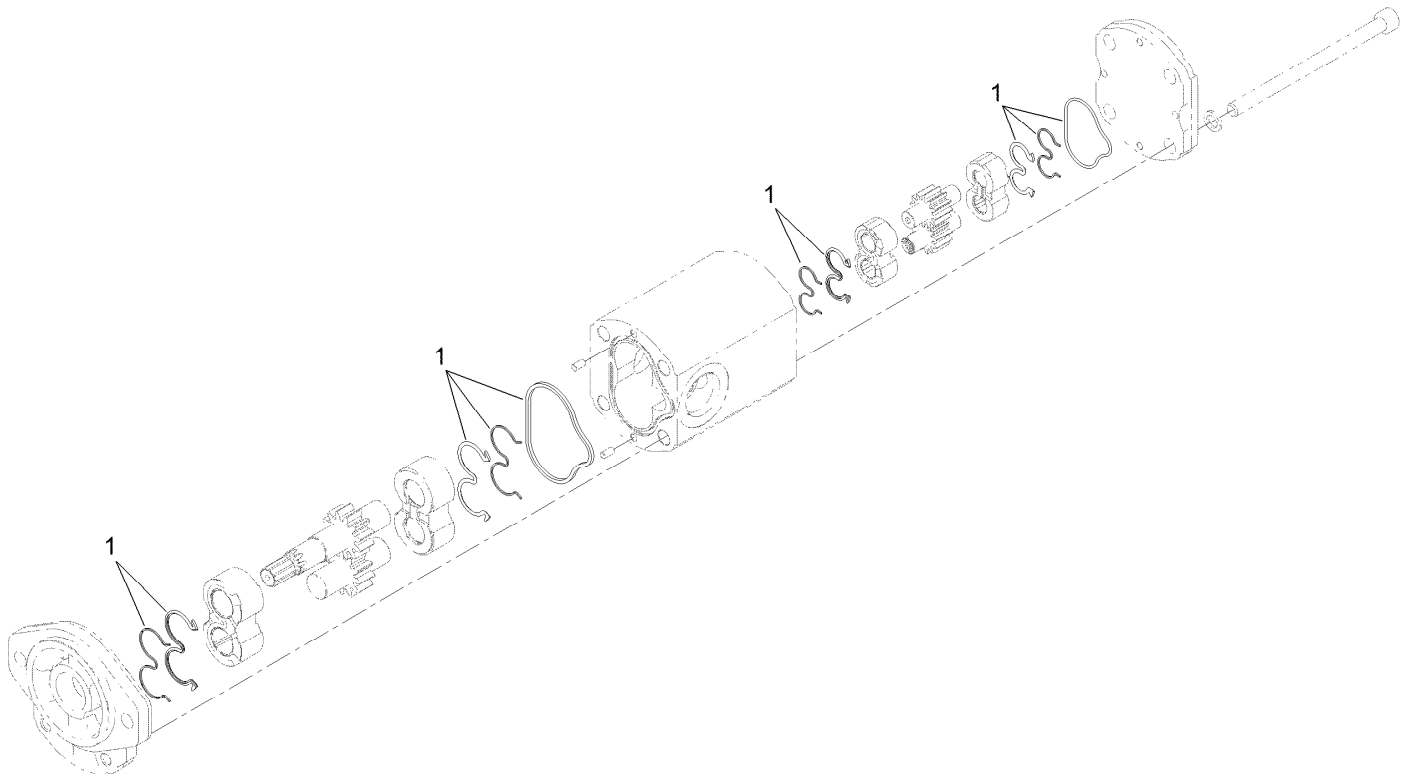
## Hydraulic Pump Assembly No. 104-4890 (continued)

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 43:5 |             | 1    | Ring-Retaining ■ |
| 43:6 |             | 1    | Seal-Shaft ■     |
| 43:7 |             | 1    | O-Ring ■         |
| 43:8 |             | 5    | O-Ring ■         |
| 43:9 |             | 1    | Ring-Retaining ■ |

| Ref.  | Part Number | Qty. | Description      |
|-------|-------------|------|------------------|
| 43:10 |             | 1    | O-Ring ●■        |
| 43:11 |             | 1    | O Ring-Molded ●■ |
| 43:12 |             | 2    | Ring-Retaining ■ |
| 43:13 |             | 1    | O-Ring ■●        |

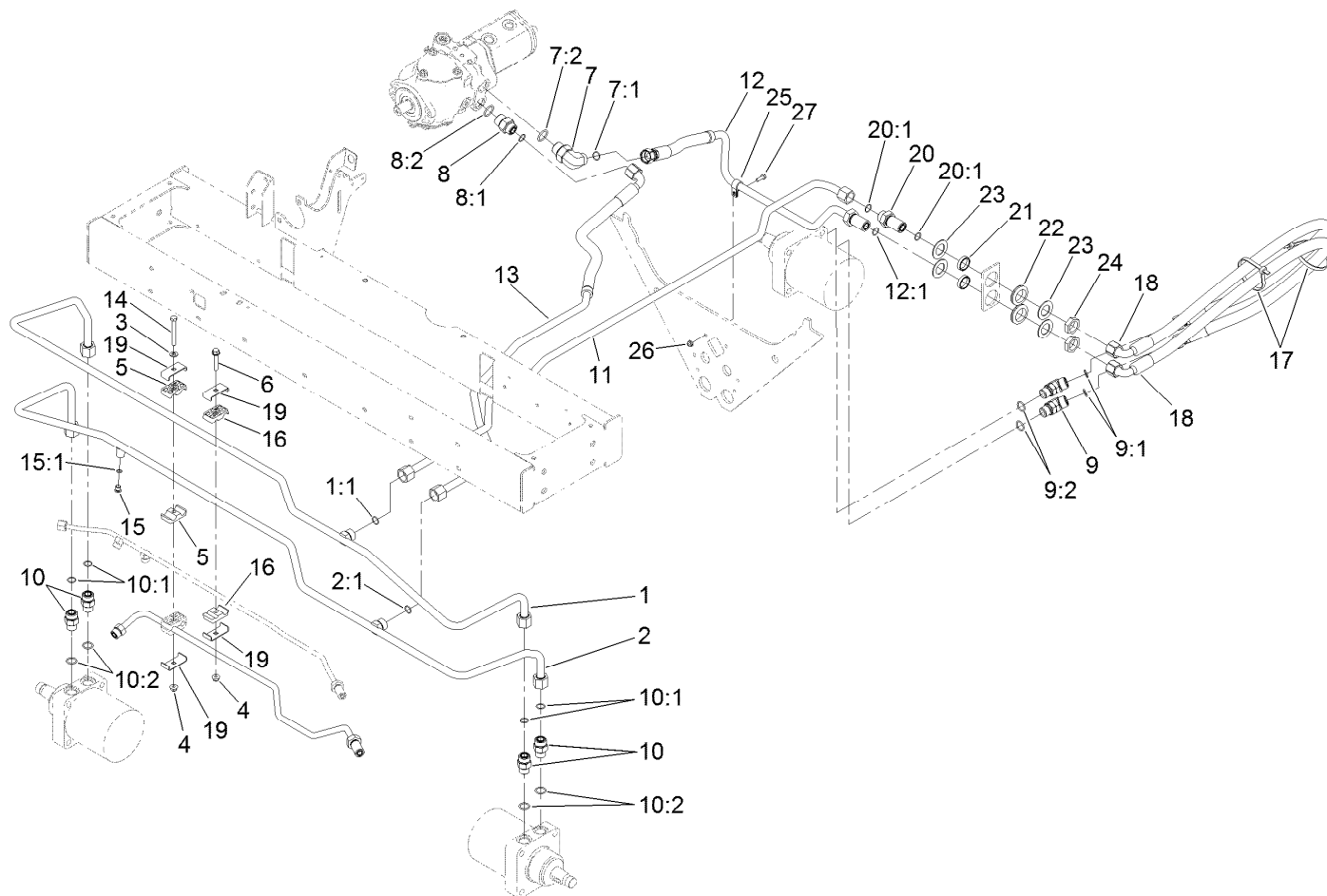
● Not illustrated

■ Not serviced separately



## Hydraulic Gear Pump Assembly No. 121-7841

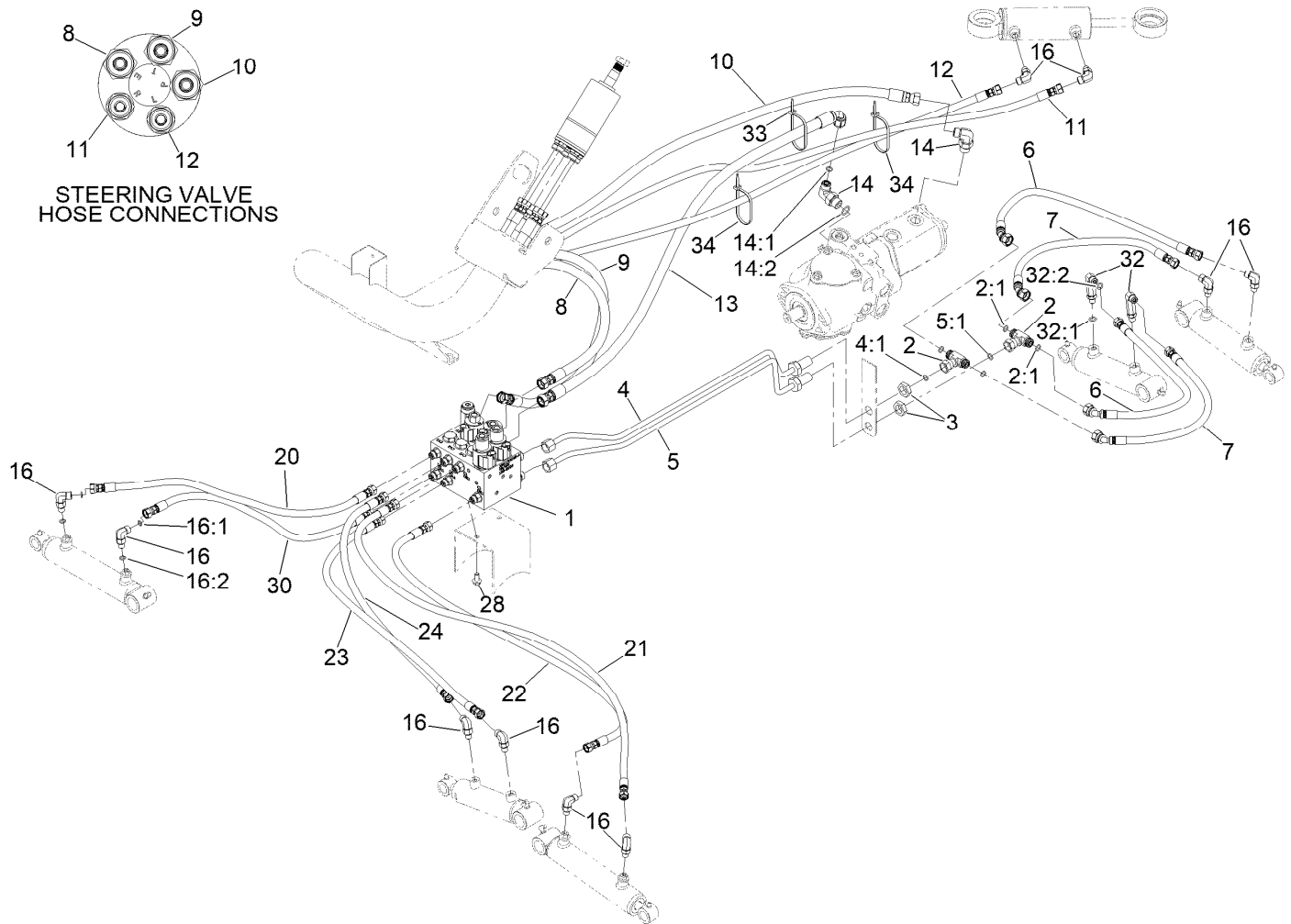
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 119-7134           | 1           | Kit-Seal           |



## Traction Hydraulic Assembly

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 127-8498    | 1    | Tube-ASM            |
| 1:1  | 237-65      | 1    | O-Ring              |
| 2    | 127-8499    | 1    | Tube-ASM            |
| 2:1  | 237-65      | 1    | O-Ring              |
| 3    | 3256-23     | 1    | Washer-Plain        |
| 4    | 104-8300    | 2    | Nut-HF, NI          |
| 5    | 56-7971     | 2    | Clamp-Tube          |
| 6    | 94-5780     | 1    | Screw-HWH           |
| 7    | 340-139     | 1    | Fitting-Elbow 90    |
| 7:1  | 237-81      | 1    | O-Ring              |
| 7:2  | 237-65      | 1    | O-Ring              |
| 8    | 340-8       | 1    | Fitting-Straight    |
| 8:1  | 237-65      | 1    | O-Ring              |
| 8:2  | 237-81      | 1    | O-Ring              |
| 9    | 340-14      | 2    | Fitting-HYD, 45 DEG |
| 9:1  | 237-65      | 1    | O-Ring              |
| 9:2  | 237-80      | 1    | O-Ring              |
| 10   | 340-7       | 4    | Fitting-Straight    |
| 10:1 | 237-65      | 1    | O-Ring              |
| 10:2 | 237-80      | 1    | O-Ring              |
| 11   | 127-8513    | 1    | Tube-HYD            |

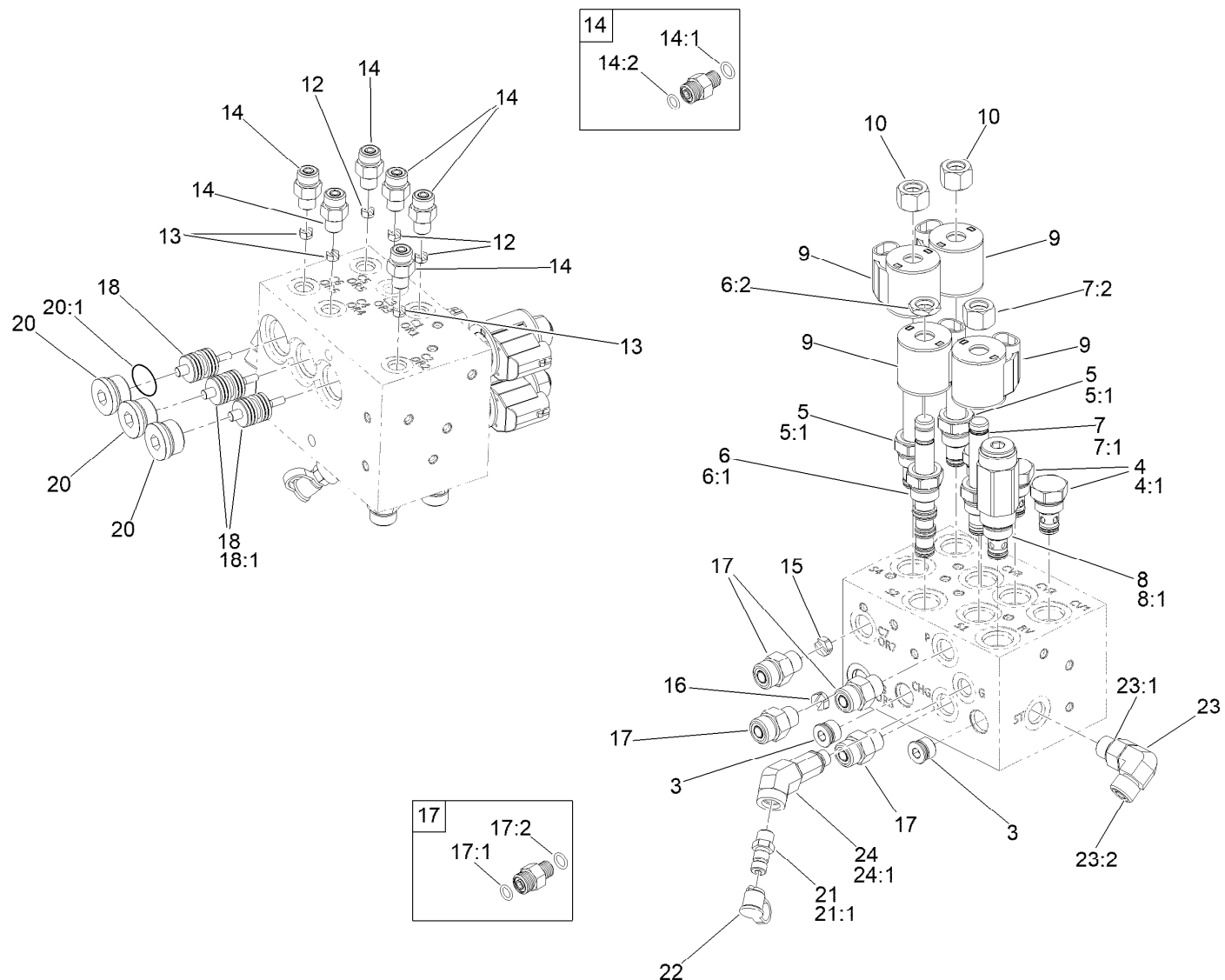
| Ref. | Part Number | Qty. | Description                      |
|------|-------------|------|----------------------------------|
| 12   | 133-4911    | 1    | HYD Tube ASM                     |
| 12:1 | 237-65      | 1    | O-Ring                           |
| 13   | 127-8514    | 1    | Tube-HYD                         |
| 14   | 322-13      | 1    | Screw-HH                         |
| 15   | 353-990     | 1    | Plug ASM                         |
| 15:1 | 237-78      | 1    | O-Ring                           |
| 16   | 56-7970     | 2    | Clamp-Tube                       |
| 17   | 3334-945    | 2    | Tie-Cable                        |
| 18   | 119-3922    | 2    | Hose-HYD                         |
| 19   | 119-1419    | 4    | Plate-Clamp                      |
| 20   | 340-76      | 1    | Fitting-Bulkhead Union, Straight |
| 20:1 | 237-65      | 2    | O-Ring                           |
| 21   | 125-1984    | 2    | Spacer                           |
| 22   | 240-3       | 2    | Grommet-Rubber                   |
| 23   | 69-9010     | 4    | Washer                           |
| 24   | 340-74      | 2    | Nut-Lock, Bulkhead               |
| 25   | 2412-87     | 1    | Clamp-Cable                      |
| 26   | 104-7201    | 1    | Nut-HF, NI                       |
| 27   | 321-4       | 1    | Screw-HH                         |



## Lift Hydraulic Assembly

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 138-6998    | 1    | Lift Manifold ASM   |
| 2    | 340-166     | 2    | Fitting-Tee         |
| 2:1  | 237-22      | 2    | O-Ring              |
| 3    | 340-70      | 2    | Nut-Lock            |
| 4    | 133-4926    | 1    | Tube-HYD            |
| 4:1  | 237-22      | 1    | O-Ring              |
| 5    | 133-4927    | 1    | Tube-HYD            |
| 5:1  | 237-22      | 1    | O-Ring              |
| 6    | 139-5978    | 2    | Hose-HYD            |
| 7    | 139-5977    | 2    | Hose-HYD            |
| 8    | 120-2060    | 1    | Hose-HYD            |
| 9    | 138-4261    | 1    | Hose ASM-HYD HP     |
| 10   | 119-2067    | 1    | Hose-HYD            |
| 11   | 121-7836    | 1    | Hose-HYD            |
| 12   | 108-5673    | 1    | Hose-HYD            |
| 13   | 93-5386     | 1    | Hose ASM            |
| 14   | 340-18      | 2    | Fitting-HYD, 90 DEG |

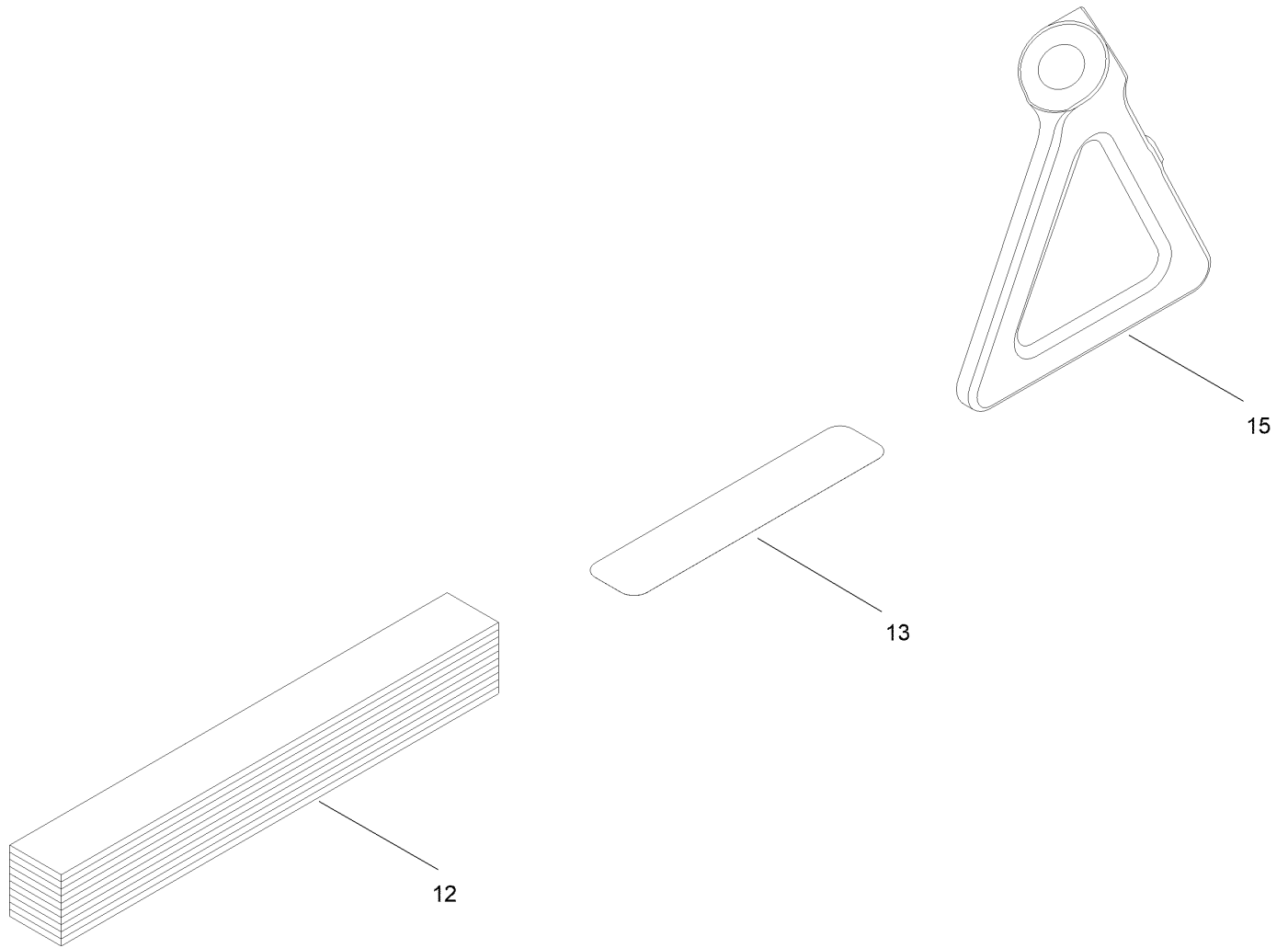
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 14:1 | 237-79      | 1    | O-Ring                |
| 14:2 | 237-22      | 1    | O-Ring                |
| 16   | 340-132     | 10   | Fitting-Elbow, 90 DEG |
| 16:1 | 237-78      | 1    | O-Ring                |
| 16:2 | 237-21      | 1    | O-Ring                |
| 20   | 108-6508    | 1    | Hose-HYD              |
| 21   | 104-9323    | 1    | Hose-HYD              |
| 22   | 108-6507    | 1    | Hose-HYD              |
| 23   | 106-9674    | 1    | Hose-HYD              |
| 24   | 92-7564     | 1    | Hose-HYD              |
| 28   | 3234-7      | 2    | Screw-HHF             |
| 30   | 108-6506    | 1    | Hose-HYD              |
| 32   | 100-7695    | 2    | Fitting-Elbow 90      |
| 32:1 | 237-78      | 1    | O-Ring                |
| 32:2 | 237-21      | 1    | O-Ring                |
| 33   | 3334-945    | 1    | Tie-Cable             |
| 34   | 3290-379    | 2    | Tie-Cable             |



## Lift Manifold Assembly No. 138-6998

| Ref. | Part Number | Qty. | Description                   |
|------|-------------|------|-------------------------------|
| 3    | 112-9213    | 2    | Plug                          |
| 4    | 110-9006    | 3    | Valve-Check                   |
| 4:1  | 105-9156    | 1    | Seal Kit                      |
| 5    | 147-3090    | 2    | Valve-Solenoid                |
| 5:1  | 107-7527    | 1    | Seal Kit                      |
| 6    | 120-1665    | 1    | Valve-Solenoid                |
| 6:1  | 112-6520    | 1    | Seal Kit                      |
| 6:2  | 110-2634    | 1    | Nut-Coil                      |
| 7    | 107-7517    | 1    | Valve-Solenoid                |
| 7:1  | 105-9156    | 1    | Seal Kit                      |
| 7:2  | 107-7812    | 1    | Nut-Solenoid                  |
| 8    | 120-1663    | 1    | Valve-Relief, 500 PSI         |
| 8:1  | 105-9156    | 1    | Seal Kit                      |
| 9    | 110-0497    | 4    | Coil-Solenoid                 |
| 10   | 107-7812    | 3    | Nut-Solenoid                  |
| 12   | 121-7879    | 3    | Orifice-Control, Flow (0.040) |
| 13   | 110-8902    | 3    | Orifice-Control, Flow (0.046) |
| 14   | 340-92      | 6    | Fitting-Straight              |
| 14:1 | 237-78      | 1    | O-Ring                        |

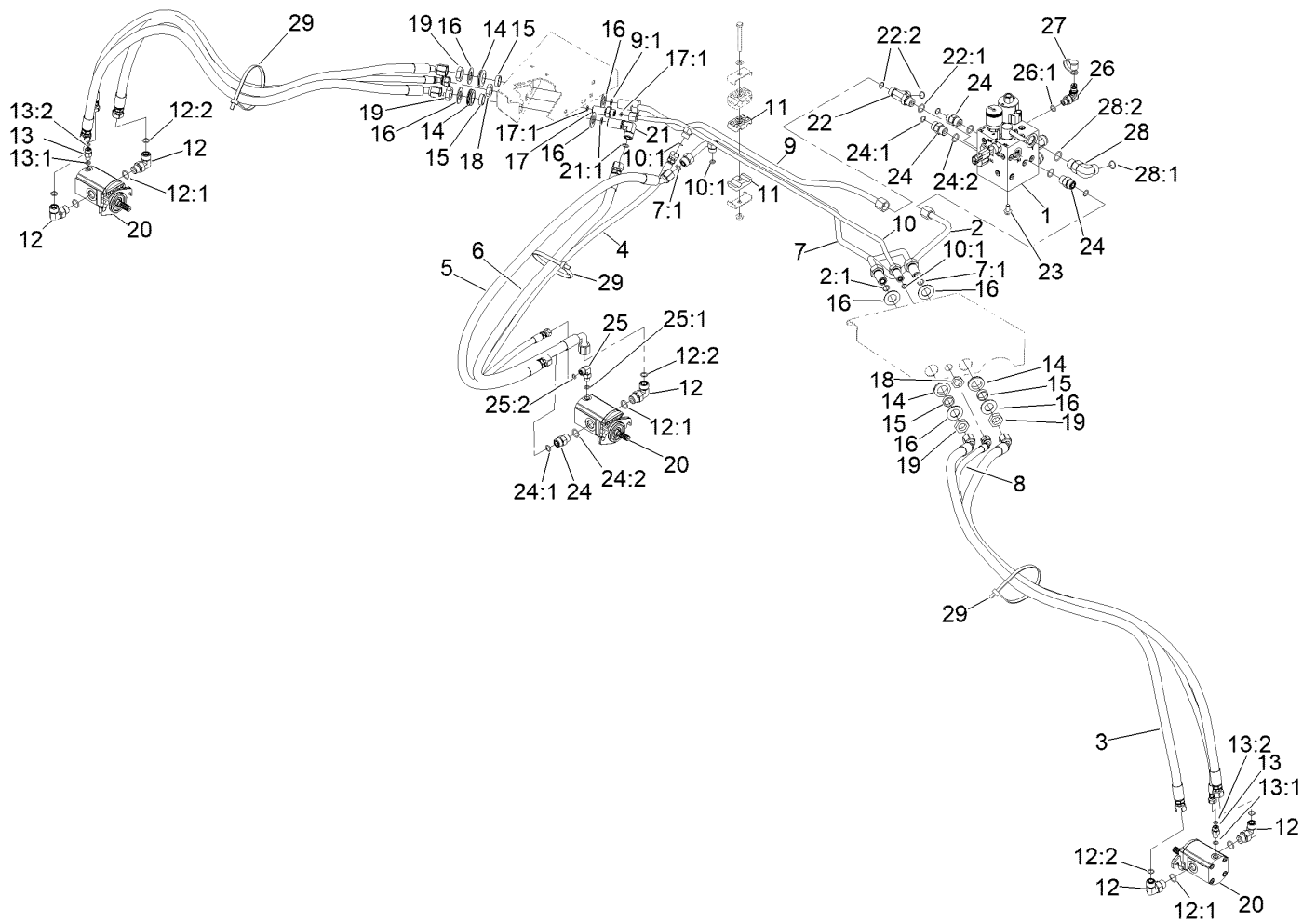
| Ref. | Part Number | Qty. | Description                   |
|------|-------------|------|-------------------------------|
| 14:2 | 237-21      | 1    | O-Ring                        |
| 15   | 119-5342    | 1    | Orifice-Control, Flow (.035)  |
| 16   | 119-2010    | 1    | Orifice-Control, Flow (0.055) |
| 17   | 340-2       | 4    | Fitting-Straight              |
| 17:1 | 237-22      | 1    | O-Ring                        |
| 17:2 | 237-42      | 1    | O-Ring                        |
| 18   | 110-8901    | 3    | Piston-Pilot                  |
| 18:1 | 110-8900    | 1    | O-Ring                        |
| 20   | 139-6024    | 3    | Plug-Socket, SAE              |
| 20:1 | 237-80      | 1    | O-Ring                        |
| 21   | 354-77      | 1    | Fitting-Quick                 |
| 21:1 | 237-78      | 1    | O-Ring                        |
| 22   | 354-79      | 1    | Cap-Dust                      |
| 23   | 340-77      | 1    | Fitting-Elbow, 90 DEG         |
| 23:1 | 237-22      | 1    | O-Ring                        |
| 23:2 | 237-42      | 1    | O-Ring                        |
| 24   | 145-5274    | 1    | Fitting, -04 MORB, -04 Forb   |
| 24:1 | 237-78      | 1    | O-Ring                        |



## Miscellaneous Tools Assembly

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>         |
|-------------|--------------------|-------------|----------------------------|
| 12          | 125-5610           | 1           | Paper-Reel, Toro (10 Pack) |
| 13          | 140-5531           | 1           | Shim-Toro Reel (.002In)    |
| 15          | 119-8010-03        | 1           | Kickstand                  |

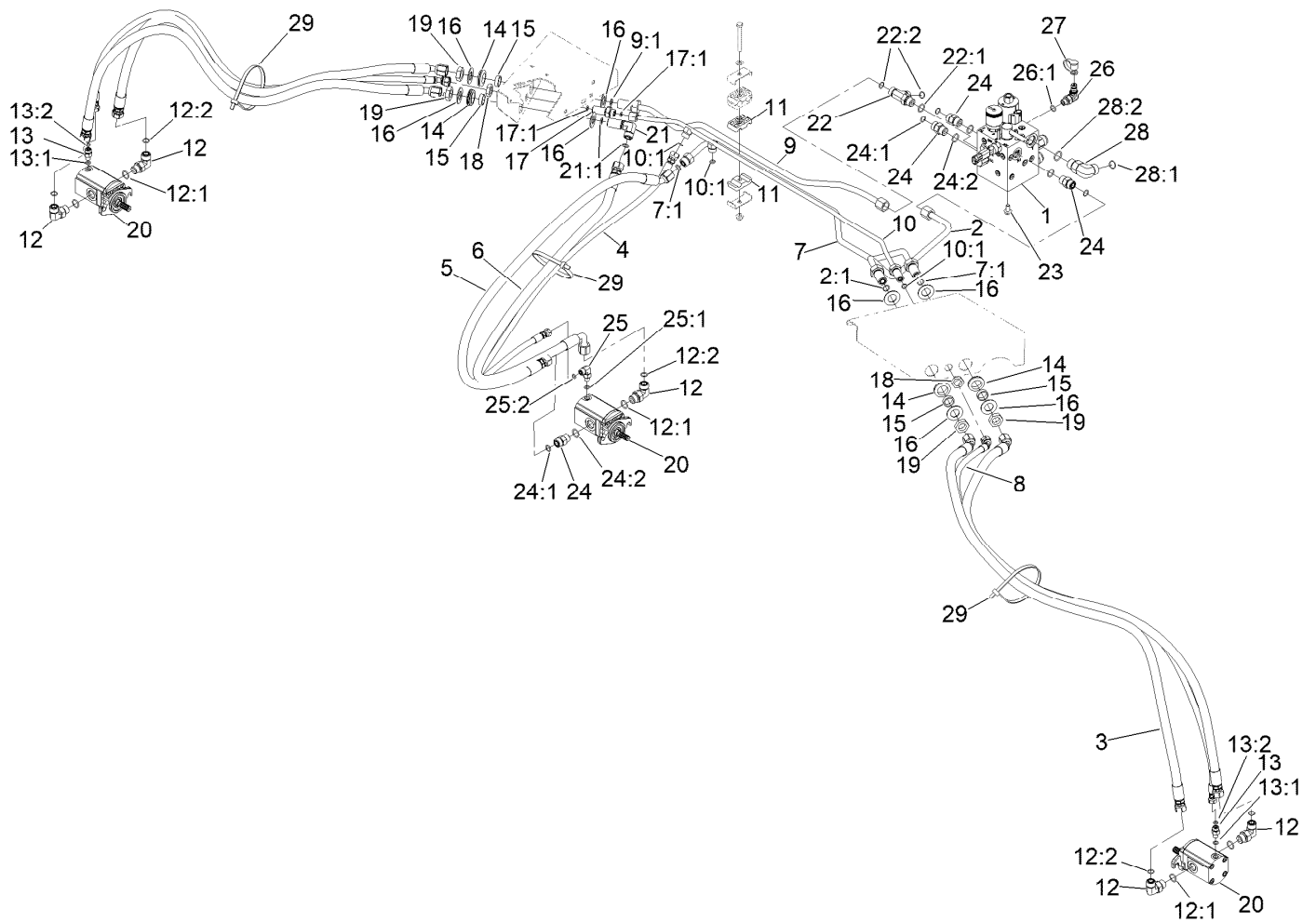




## Front Mow Hydraulic Circuit Assembly

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 139-6025    | 1    | Manifold ASM-Mow      |
| 2    | 127-8511    | 1    | Tube-HYD              |
| 2:1  | 237-30      | 1    | O-Ring                |
| 3    | 147-0738    | 4    | Hose ASM              |
| 4    | 139-5980    | 1    | Hose-HYD              |
| 5    | 147-0742    | 1    | Hose ASM              |
| 6    | 147-0743    | 1    | Hose ASM              |
| 7    | 127-8551    | 1    | Tube-HYD              |
| 7:1  | 237-30      | 2    | O-Ring                |
| 8    | 147-0739    | 2    | Hose ASM              |
| 9    | 127-8509    | 1    | Tube-HYD              |
| 9:1  | 237-30      | 1    | O-Ring                |
| 10   | 120-2104    | 1    | Tube-HYD              |
| 10:1 | 237-22      | 3    | O-Ring                |
| 11   | 56-7976     | 2    | Clamp-Tube            |
| 12   | 340-98      | 5    | Fitting-Elbow, 90 DEG |
| 12:1 | 237-79      | 1    | O-Ring                |
| 12:2 | 237-30      | 1    | O-Ring                |
| 13   | 340-92      | 2    | Fitting-Straight      |
| 13:1 | 237-78      | 1    | O-Ring                |
| 13:2 | 237-21      | 1    | O-Ring                |

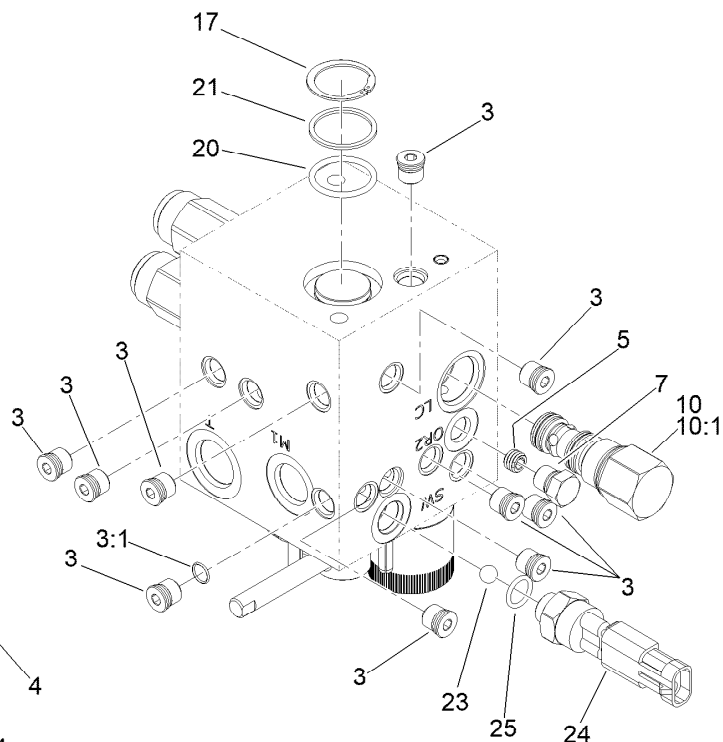
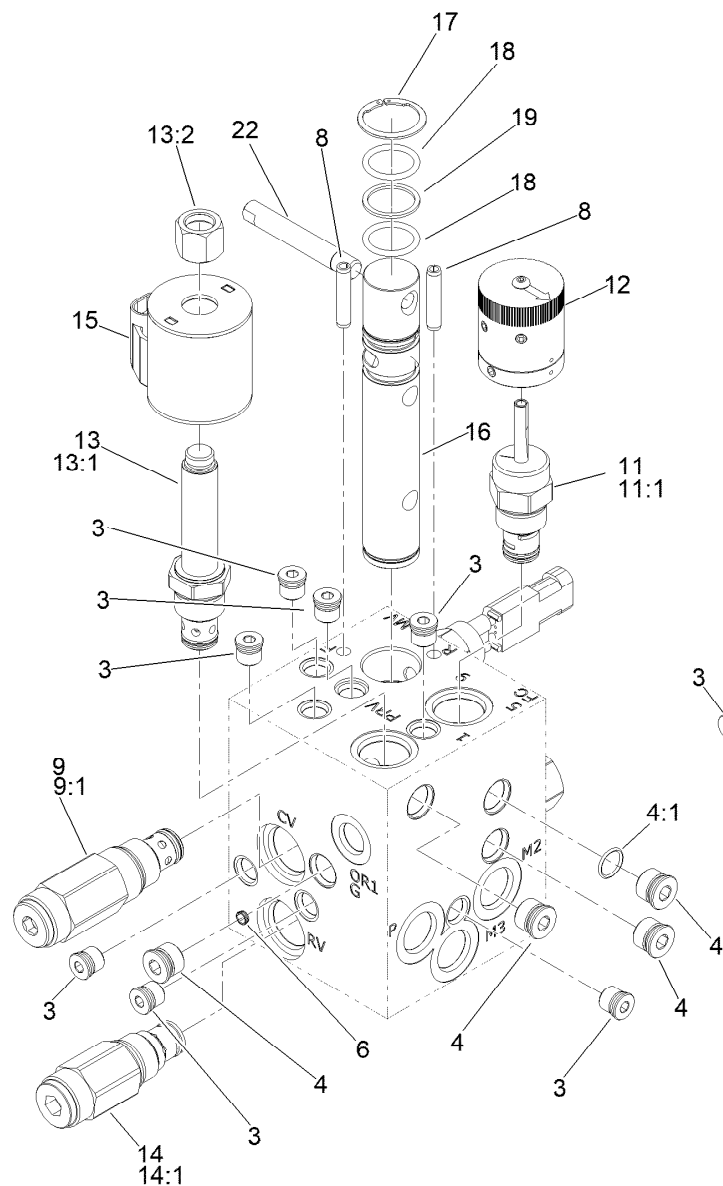
| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 14   | 240-5       | 4    | Grommet                    |
| 15   | 69-8960     | 4    | Spacer                     |
| 16   | 69-8930     | 8    | Washer                     |
| 17   | 340-71      | 1    | Fitting-Straight, Bulkhead |
| 17:1 | 237-22      | 2    | O-Ring                     |
| 18   | 340-70      | 2    | Nut-Lock                   |
| 19   | 340-127     | 4    | Nut-Bulkhead               |
| 20   | 120-2072    | 3    | HYD Motor ASM              |
| 21   | 93-9151     | 1    | Fitting-HYD                |
| 21:1 | 237-30      | 2    | O-Ring                     |
| 22   | 340-109     | 1    | Fitting-Tee                |
| 22:1 | 237-79      | 1    | O-Ring                     |
| 22:2 | 237-30      | 2    | O-Ring                     |
| 23   | 3234-7      | 2    | Screw-HHF                  |
| 24   | 340-4       | 4    | Fitting-Straight           |
| 24:1 | 237-30      | 1    | O-Ring                     |
| 24:2 | 237-79      | 1    | O-Ring                     |
| 25   | 340-132     | 1    | Fitting-Elbow, 90 DEG      |
| 25:1 | 237-78      | 1    | O-Ring                     |
| 25:2 | 237-21      | 1    | O-Ring                     |
| 26   | 115-9148    | 1    | Fitting-Elbow-90           |



## Front Mow Hydraulic Circuit Assembly (continued)

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 26:1 | 237-42      | 1    | O-Ring                |
| 27   | 354-79      | 1    | Cap-Dust              |
| 28   | 340-17      | 1    | Fitting-Elbow, 90 DEG |

| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------|
| 28:1 | 237-65      | 1    | O-Ring      |
| 28:2 | 237-80      | 1    | O-Ring      |
| 29   | 3334-945    | 3    | Tie-Cable   |

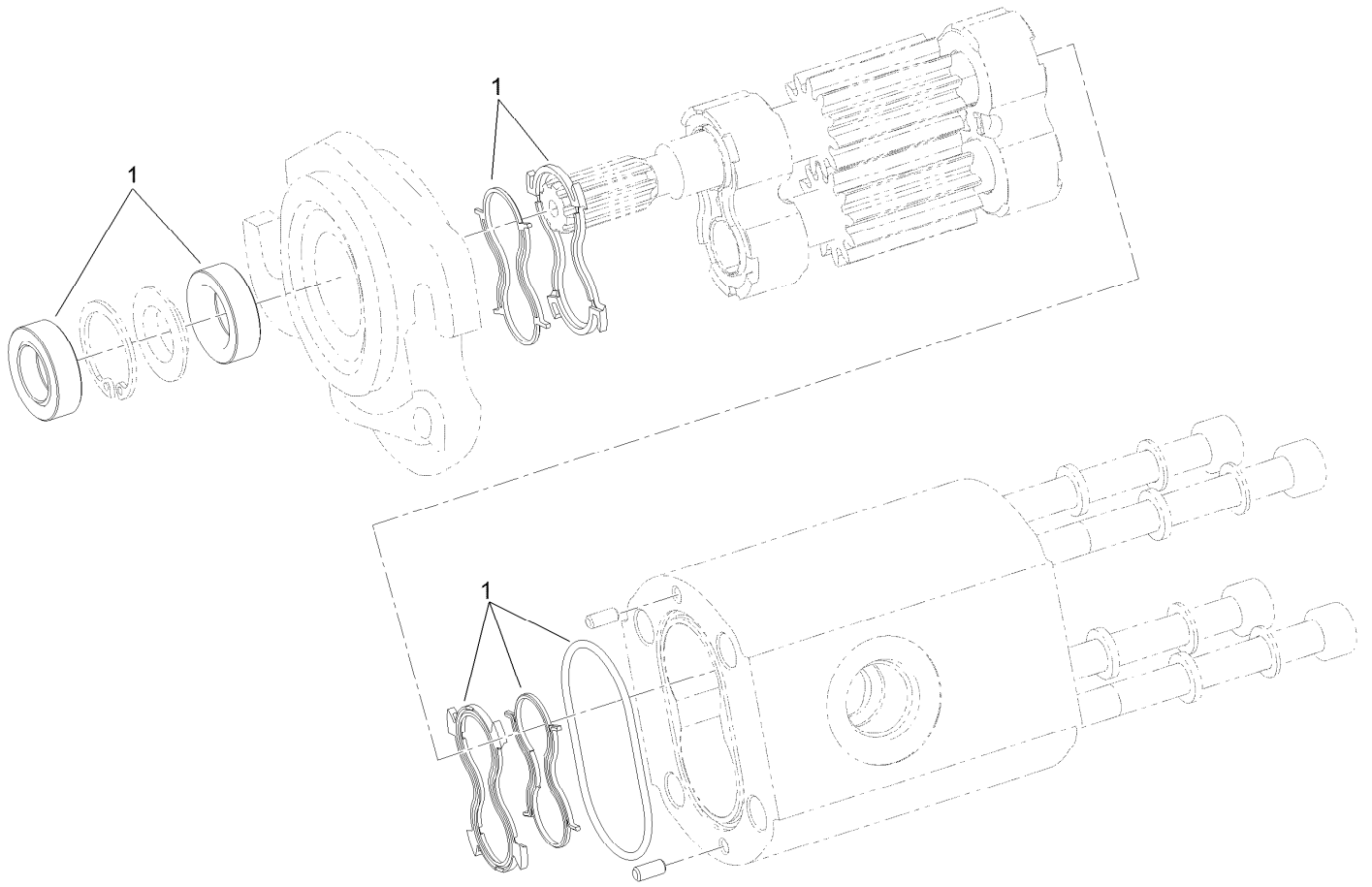


## Mow Manifold Assembly No. 139-6025

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 3    | 353-990     | 17   | Plug ASM                   |
| 3:1  | 237-78      | 1    | O-Ring                     |
| 4    | 353-989     | 4    | Plug-Hex, Hollow           |
| 4:1  | 237-42      | 1    | O-Ring                     |
| 5    | 110-8987    | 1    | Plug-Orifice (0.015 Rw)    |
| 6    | 110-0495    | 1    | Plug-Orifice (0.050 Inch)  |
| 7    | 117-0115    | 1    | Plug                       |
| 8    | 112-6531    | 2    | Pin-Spring                 |
| 9    | 132-4912    | 1    | Valve-Check                |
| 9:1  | 105-9159    | 1    | Seal Kit                   |
| 10   | 121-7880    | 1    | Spool-Logic                |
| 10:1 | 119-2159    | 1    | Seal Kit ●                 |
| 11   | 147-3068    | 1    | Valve-Control, Manual Flow |
| 11:1 | 132-6231    | 1    | Seal Kit                   |
| 12   | 110-8767    | 1    | Rotary Handle ASM          |
| 13   | 110-8799    | 1    | Valve-Relief, Proportional |

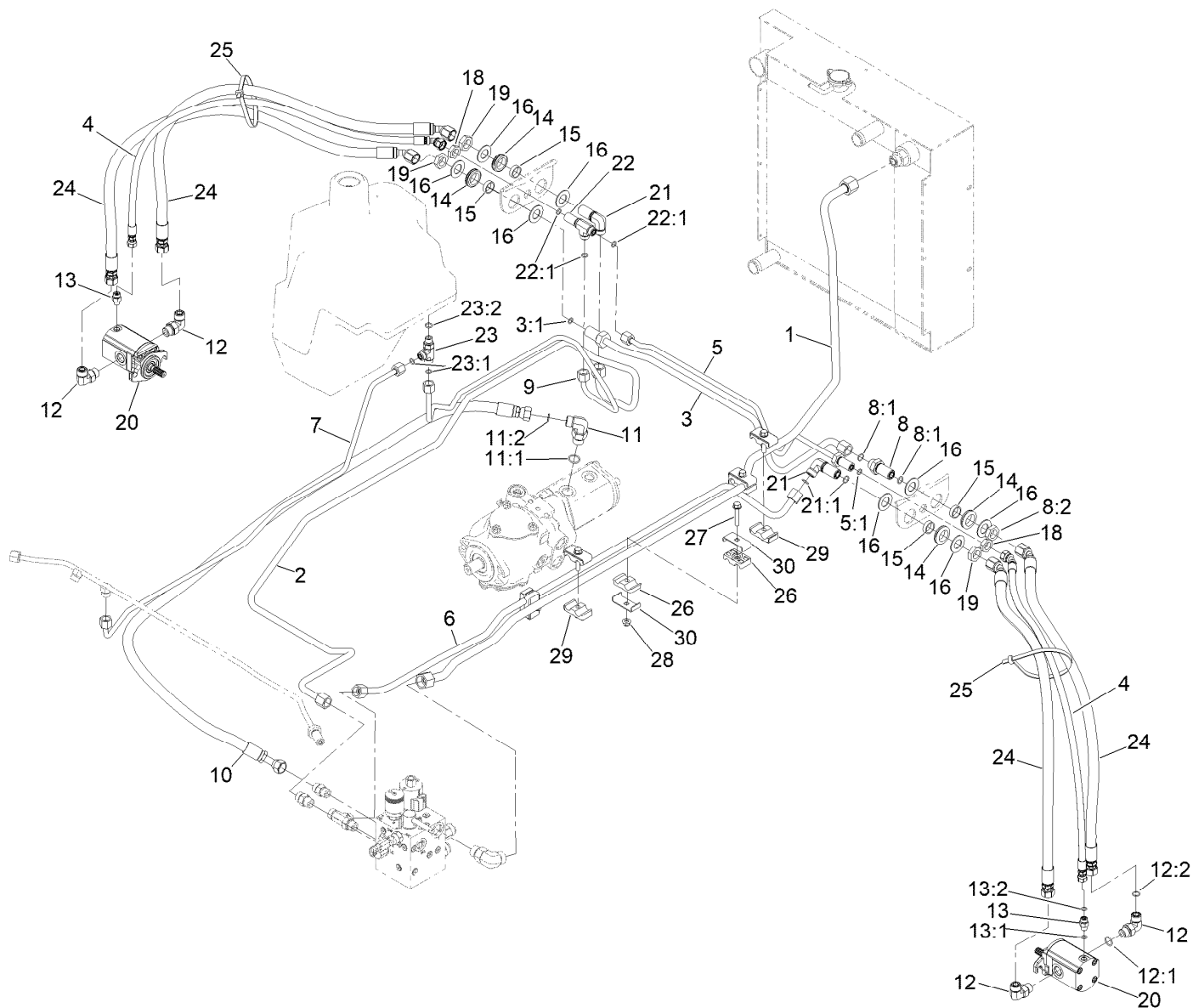
| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 13:1 | 110-6316    | 1    | Seal Kit                   |
| 13:2 | 130-8180    | 1    | Nut-Coil (9/16-24 Unef-2B) |
| 14   | 121-7883    | 1    | Valve-Relief, 2000 PSI     |
| 14:1 | 110-6316    | 1    | Seal Kit ●                 |
| 15   | 110-6344    | 1    | Coil-12V, DC               |
| 16   | 120-1652    | 1    | Spool-Backlap              |
| 17   | 120-1653    | 2    | Ring-Retaining, External   |
| 18   | 120-1657    | 2    | O-Ring                     |
| 19   | 120-1656    | 1    | Ring-Backup                |
| 20   | 120-1655    | 1    | O-Ring                     |
| 21   | 120-1654    | 1    | Ring-Backup                |
| 22   | 120-1651    | 1    | Handle-Spool               |
| 23   | 117-4605    | 1    | Ball-SS                    |
| 24   | 72-4320     | 1    | Switch-Ball                |
| 25   | 110-8757    | 1    | O-Ring                     |

● Not illustrated



## Hydraulic Reel Motor Assembly No. 120-2072

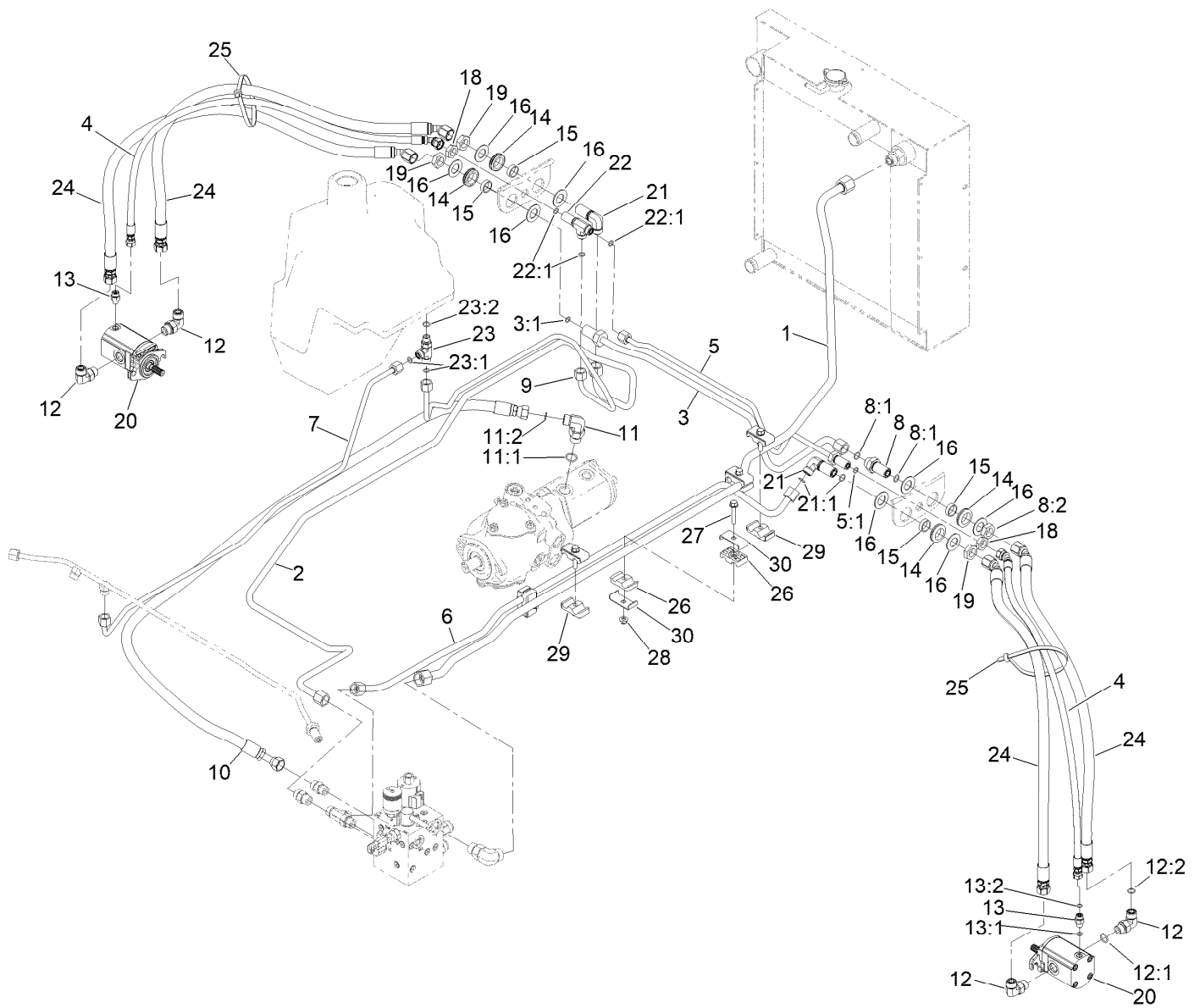
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 145-2785           | 1           | Seal Kit           |



## Rear Mow Hydraulic Circuit Assembly

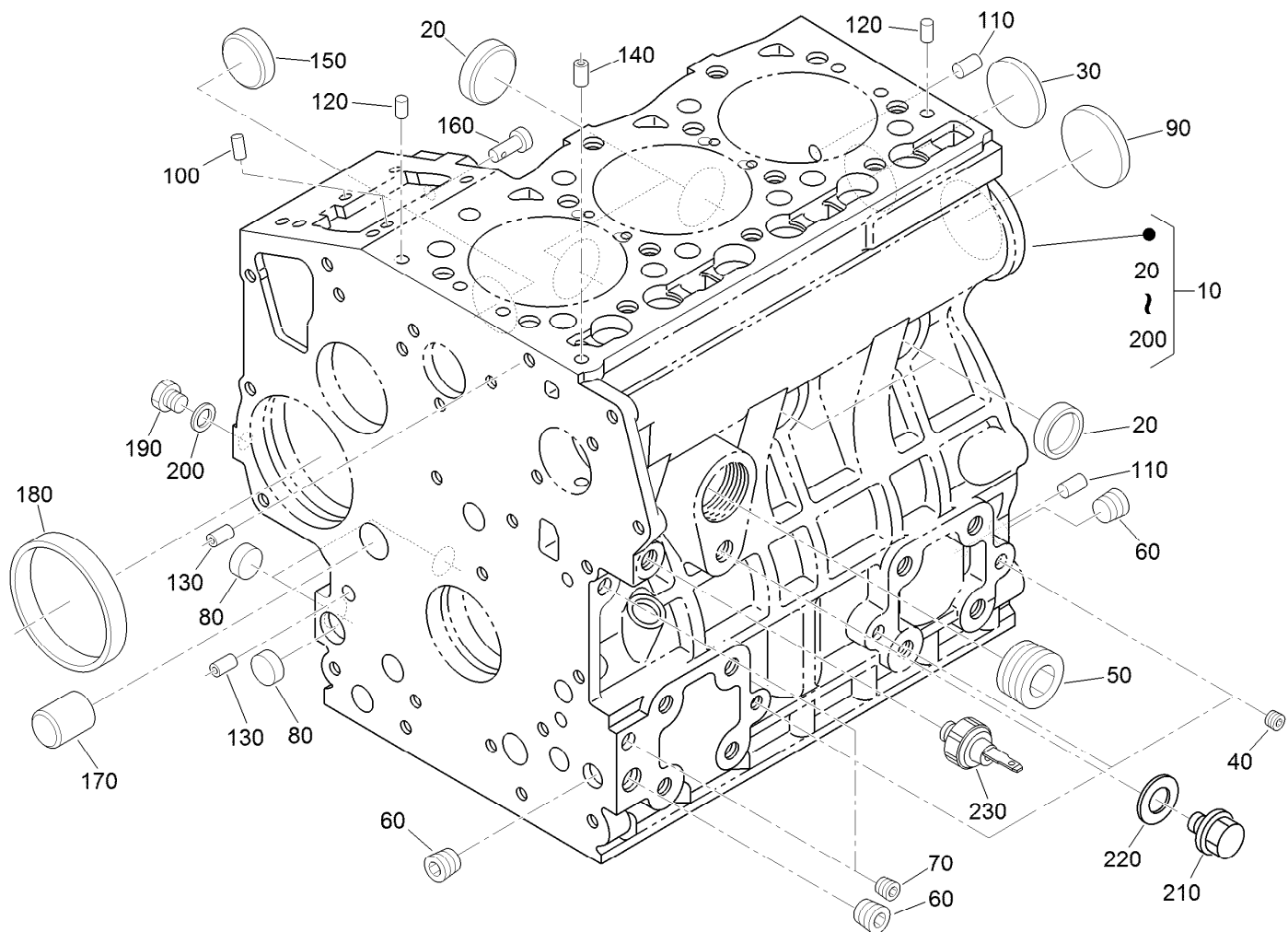
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 127-8512    | 1    | Tube-HYD              |
| 2    | 127-8508    | 1    | Tube-HYD              |
| 3    | 147-6070    | 1    | Hydraulic Tube ASM    |
| 3:1  | 237-30      | 1    | O-Ring                |
| 4    | 147-0745    | 2    | Hose ASM              |
| 5    | 147-6071    | 1    | Hydraulic Tube ASM    |
| 5:1  | 237-22      | 1    | O-Ring                |
| 6    | 127-8510    | 1    | Tube-HYD              |
| 7    | 121-7843    | 1    | Tube-HYD              |
| 8    | 340-161     | 1    | Fitting-Bulkhead      |
| 8:1  | 237-30      | 2    | O-Ring                |
| 8:2  | 340-127     | 1    | Nut-Bulkhead          |
| 9    | 120-2180    | 1    | Tube-HYD              |
| 10   | 121-7812    | 1    | Hose-HYD              |
| 11   | 340-105     | 1    | Fitting-Elbow, 90 DEG |
| 11:1 | 237-80      | 1    | O-Ring                |
| 11:2 | 237-30      | 1    | O-Ring                |
| 12   | 340-98      | 4    | Fitting-Elbow, 90 DEG |
| 12:1 | 237-79      | 1    | O-Ring                |
| 12:2 | 237-30      | 1    | O-Ring                |
| 13   | 340-92      | 2    | Fitting-Straight      |

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 13:1 | 237-78      | 1    | O-Ring                |
| 13:2 | 237-21      | 1    | O-Ring                |
| 14   | 240-5       | 4    | Grommet               |
| 15   | 69-8960     | 4    | Spacer                |
| 16   | 69-8930     | 8    | Washer                |
| 18   | 340-70      | 2    | Nut-Lock              |
| 19   | 340-127     | 3    | Nut-Bulkhead          |
| 20   | 120-2072    | 2    | HYD Motor ASM         |
| 21   | 93-9151     | 2    | Fitting-HYD           |
| 21:1 | 237-30      | 2    | O-Ring                |
| 22   | 340-68      | 1    | Fitting-Tee, Bulkhead |
| 22:1 | 237-22      | 3    | O-Ring                |
| 23   | 340-86      | 1    | Fitting-Tee           |
| 23:1 | 237-22      | 2    | O-Ring                |
| 23:2 | 237-42      | 1    | O-Ring                |
| 24   | 95-8820     | 4    | Hose ASM              |
| 25   | 3334-945    | 2    | Tie-Cable             |
| 26   | 56-7977     | 6    | Clamp-Tube            |
| 27   | 94-5780     | 5    | Screw-HWH             |
| 28   | 104-8300    | 5    | Nut-HF, NI            |



## Rear Mow Hydraulic Circuit Assembly (continued)

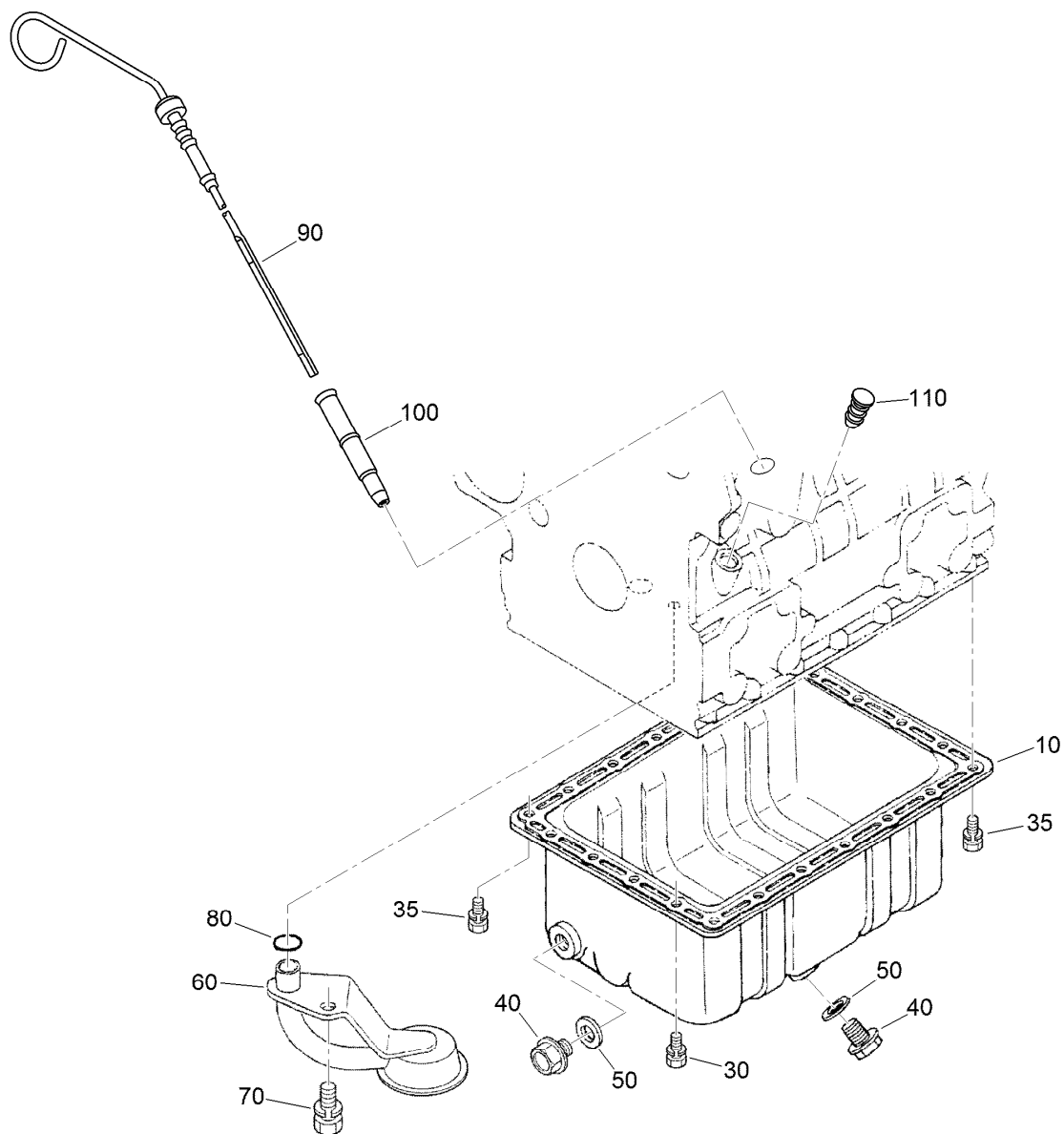
| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------|
| 29   | 56-7971     | 4    | Clamp-Tube  |
| 30   | 119-1419    | 10   | Plate-Clamp |



## Crankcase Assembly

| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 10   | 115-3443    | 1    | Crankcase ASM  |
| 20   | 98-9398     | 4    | Cap-Sealing    |
| 30   | 98-7539     | 1    | Cap-Sealing    |
| 40   | 98-9687     | 3    | 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 |
| 100  | 98-9375     | 2    | Pin-Straight   |
| 110  | 98-9377     | 2    | Pin-Straight   |
| 120  | 98-9376     | 2    | Pin-Straight   |

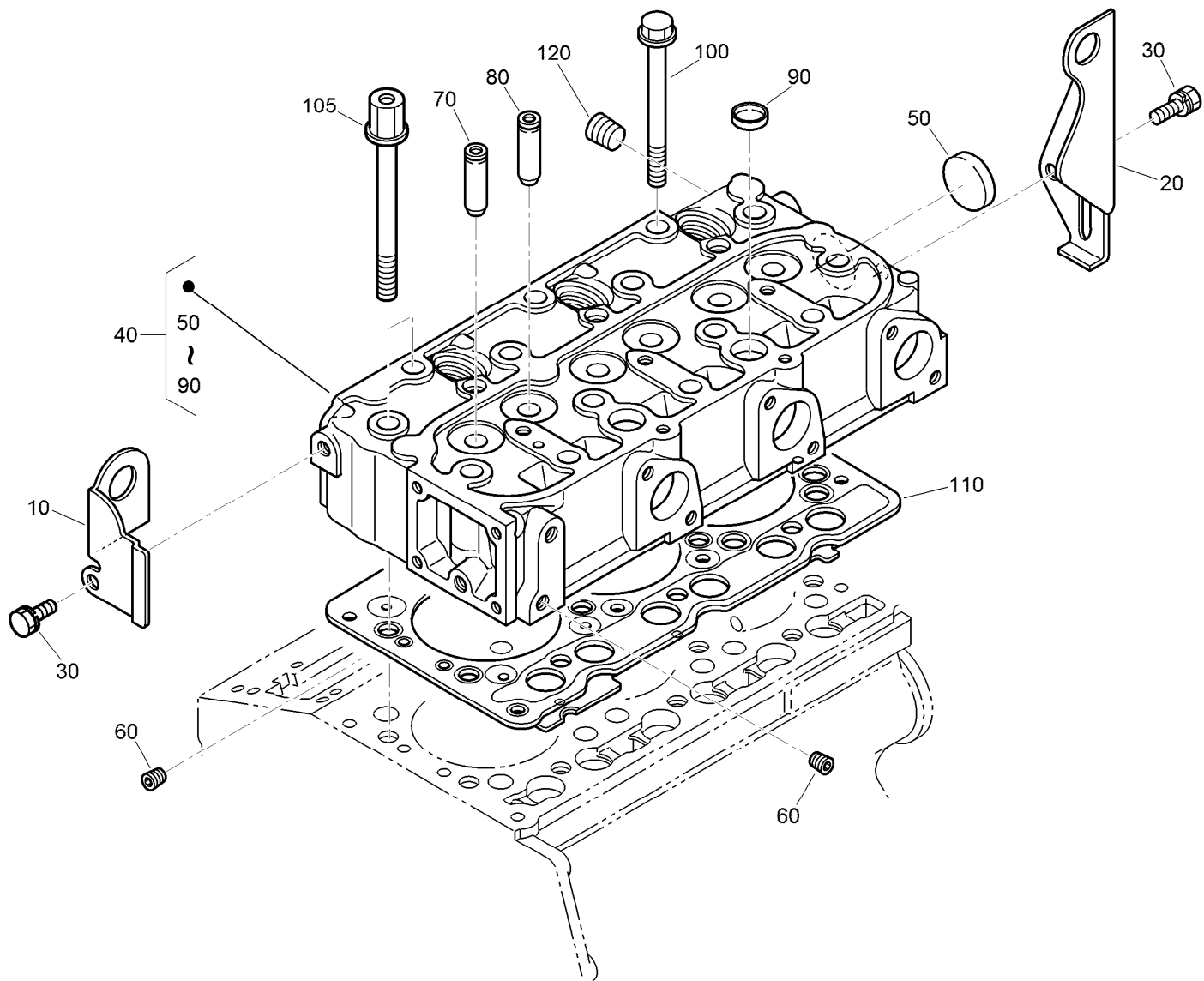
| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 130  | 98-9387     | 2    | Pin-Pipe               |
| 140  | 98-9539     | 1    | Pin-Pipe               |
| 150  | 98-9599     | 1    | Plug                   |
| 160  | 98-9630     | 1    | Pin-Spring, Start      |
| 170  | 98-9675     | 1    | Plug                   |
| 180  | 98-9656     | 1    | Bushing-Governor, Gear |
| 190  | 120-2559    | 1    | Plug                   |
| 200  | 98-7428     | 1    | Gasket                 |
| 210  | 99-3447     | 1    | Plug                   |
| 220  | 112-8325    | 1    | Washer                 |
| 230  | 98-9416     | 1    | Switch-Oil             |



## Oil Pan and Dipstick Assembly

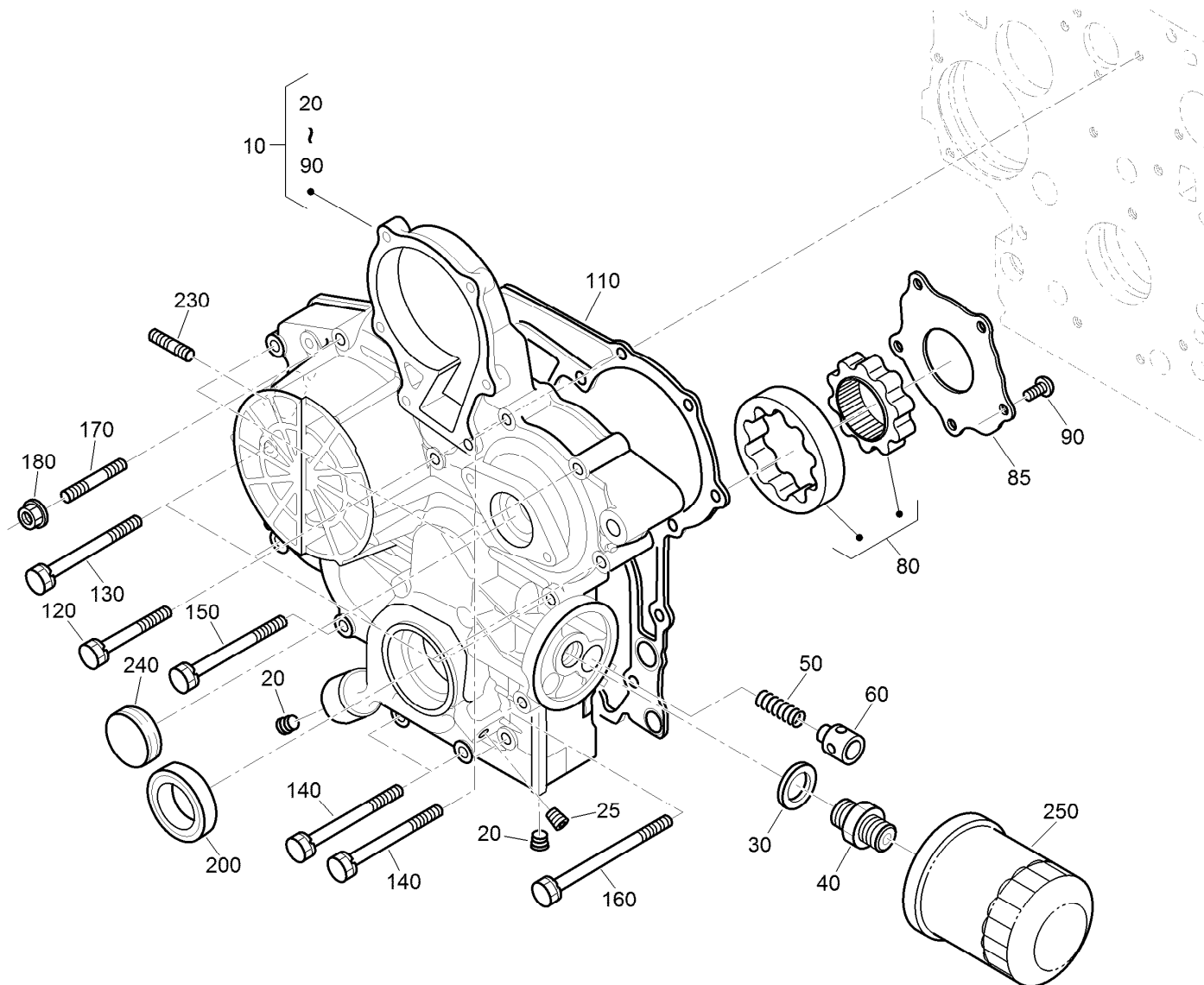
| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 10   | 98-9685     | 1    | Pan-Oil          |
| 30   | 98-9351     | 20   | Bolt             |
| 35   | 98-9351     | 2    | Bolt             |
| 40   | 114-8151    | 2    | Plug-Drain       |
| 50   | 98-7524     | 2    | Gasket           |
| 60   | 108-1401    | 1    | Base-Filter      |
| 70   | 98-7526     | 1    | Bolt             |
| 80   | 105-3776    | 1    | O-Ring           |
| 90   | 104-9348    | 1    | Gauge-Oil        |
| 100  | 105-4580    | 1    | Guide-Gauge, Oil |
| 110  | 110-3720    | 1    | Plug-Gauge, Oil  |





## Cylinder Head Assembly

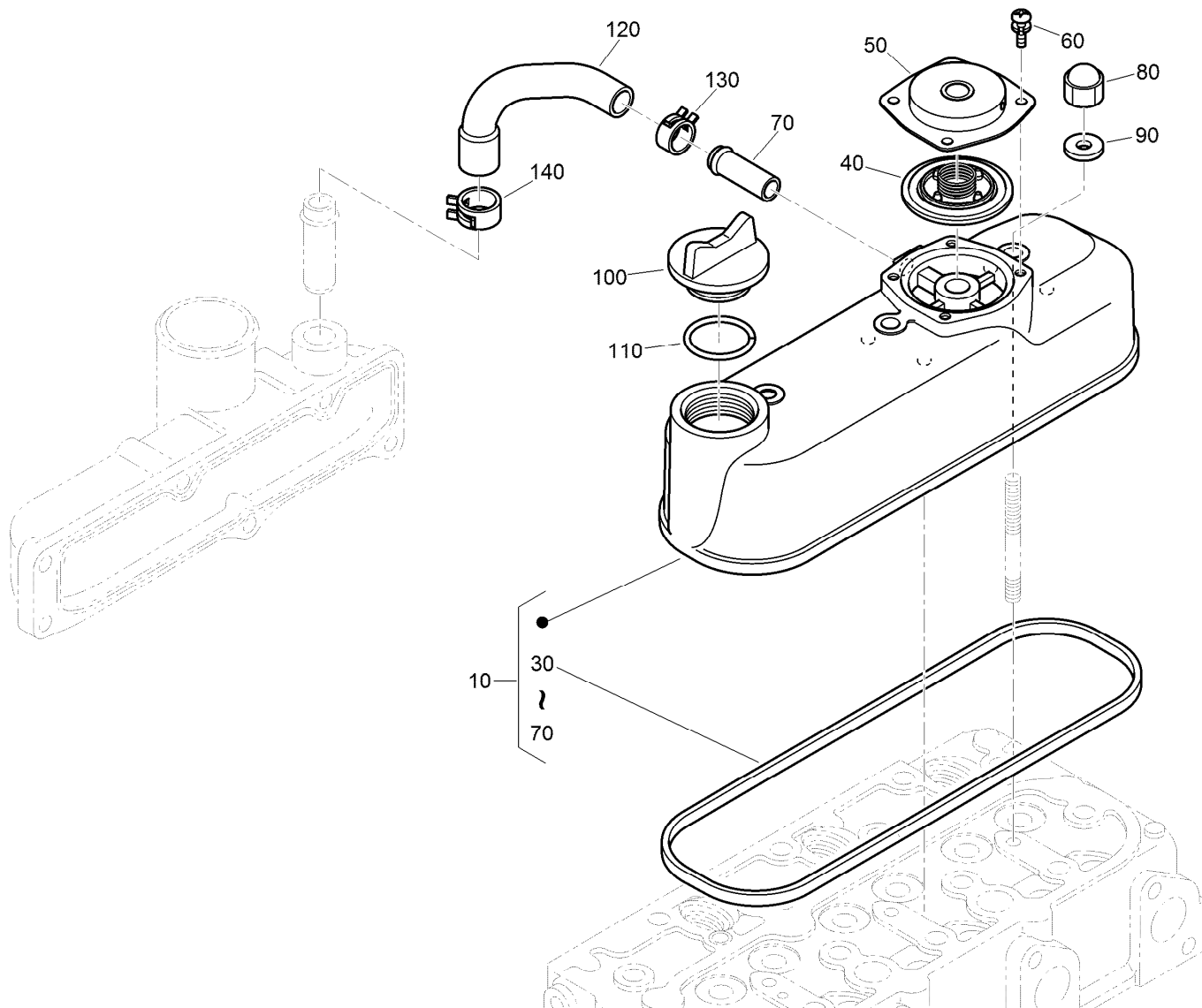
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 10   | 130-1231    | 1    | Hook-Engine           |
| 20   | 98-9478     | 1    | Hook-Engine           |
| 30   | 100-9195    | 2    | Bolt                  |
| 40   | 130-1544    | 1    | Cylinder Head ASM     |
| 50   | 105-3705    | 1    | Cap-Sealing           |
| 60   | 98-9687     | 2    | Plug                  |
| 70   | 107-9066    | 3    | Guide-Valve, Inlet    |
| 80   | 107-9067    | 3    | Guide-Valve, Exhaust  |
| 90   | 98-9389     | 2    | Cap-Sealing           |
| 100  | 98-9479     | 12   | Bolt-Head, Cylinder   |
| 105  | 98-9647     | 2    | Bolt-Head, Cylinder   |
| 110  | 108-6573    | 1    | Gasket-Head, Cylinder |
| 120  | 98-9444     | 1    | Plug                  |



## Gear Case and Oil Filter Cartridge Assembly

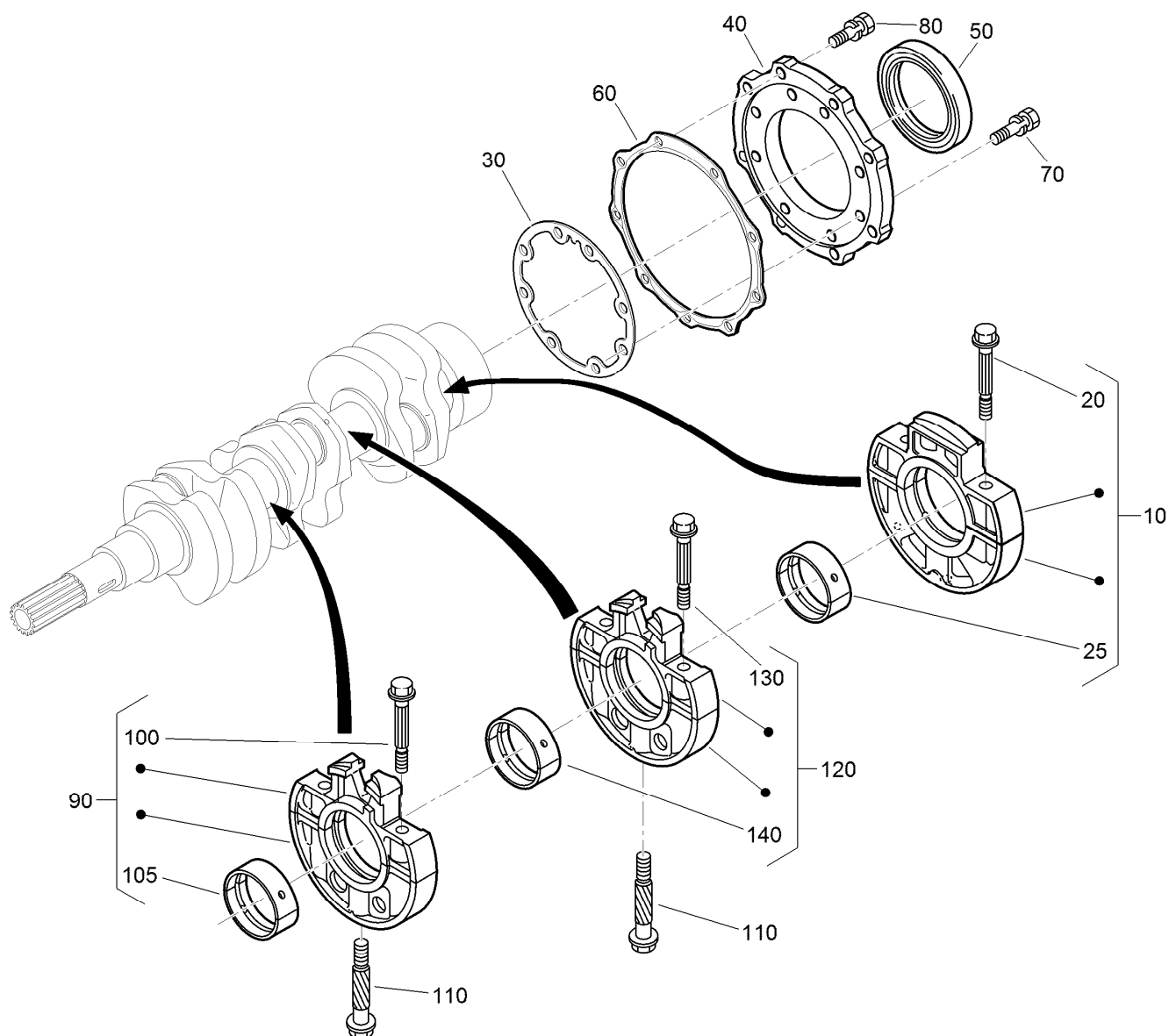
| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 10   | 115-4105    | 1    | Gear Case ASM     |
| 20   | 127-0425    | 2    | Plug              |
| 25   | 98-7487     | 1    | Plug              |
| 30   | 98-7562     | 1    | Washer-Plain      |
| 40   | 98-9388     | 1    | Joint-Pipe        |
| 50   | 130-1511    | 1    | Spring            |
| 60   | 130-1510    | 1    | Valve-Relief      |
| 80   | 130-1508    | 1    | Rotor ASM         |
| 85   | 130-1509    | 1    | Cover-Pump, Oil   |
| 90   | 130-1164    | 5    | Screw-Binding     |
| 110  | 98-9633     | 1    | Gasket-Case, Gear |

| Ref. | Part Number | Qty. | Description   |
|------|-------------|------|---------------|
| 120  | 100-1765    | 3    | Bolt          |
| 130  | 125-9063    | 4    | Bolt-Sems     |
| 140  | 98-9356     | 4    | Bolt          |
| 150  | 107-9074    | 1    | Bolt          |
| 160  | 99-3510     | 1    | Bolt          |
| 170  | 105-3709    | 1    | Stud          |
| 180  | 100-2203    | 1    | Nut-Flange    |
| 200  | 119-8038    | 1    | Seal-Oil      |
| 230  | 105-3710    | 2    | Stud          |
| 240  | 99-3515     | 1    | Plug-Gearcase |
| 250  | 108-3841    | 1    | Filter-Oil    |



## Cylinder Head Cover Assembly

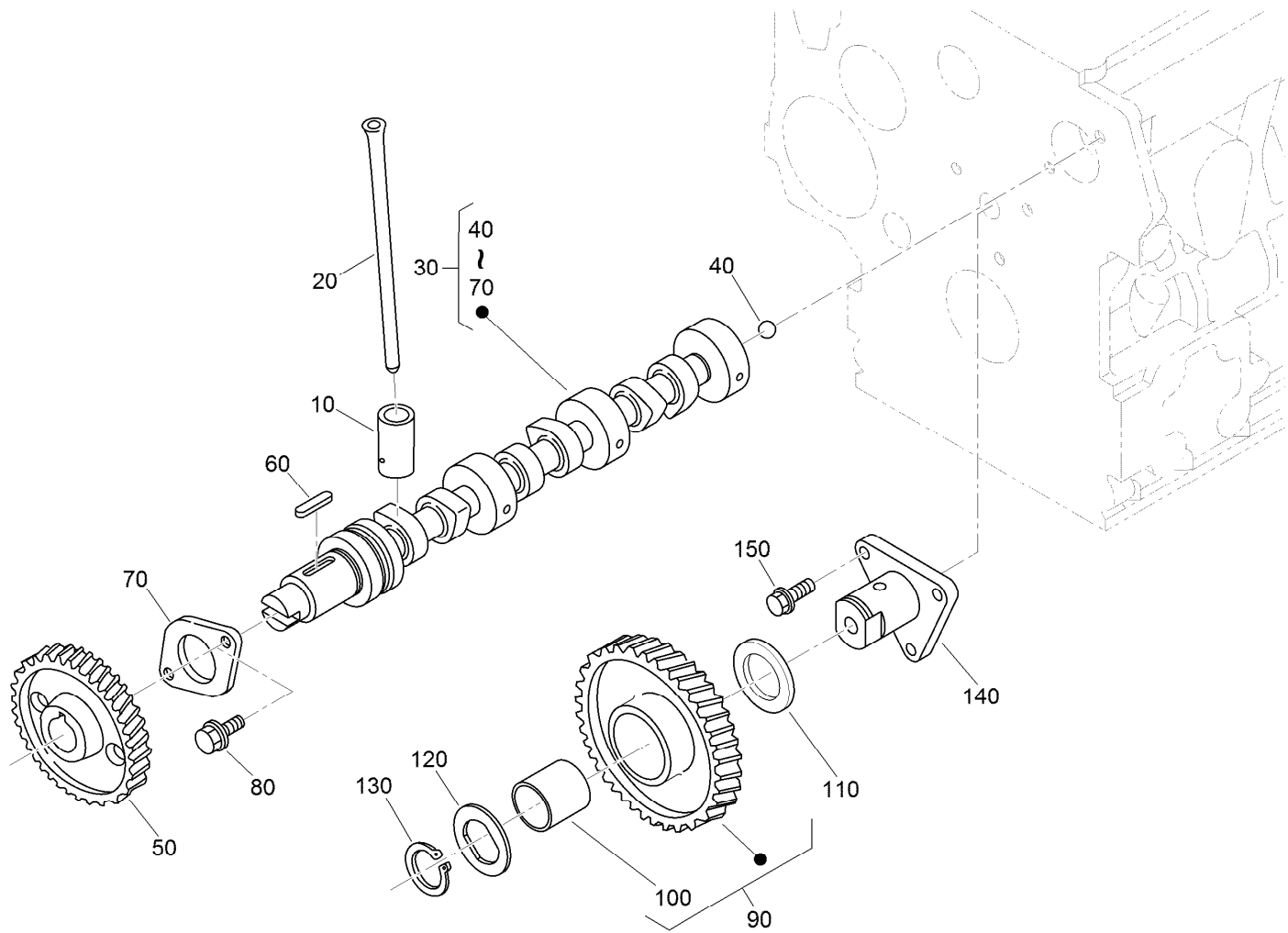
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 10   | 139-4544    | 1    | Cylinder Cover ASM  |
| 30   | 98-9615     | 1    | Gasket-Cover, Head  |
| 40   | 110-3715    | 1    | Valve-Breather      |
| 50   | 110-3714    | 1    | Cover-Breather      |
| 60   | 98-9364     | 4    | Screw (With Washer) |
| 70   | 98-7766     | 1    | Pipe-Return, Water  |
| 80   | 98-9455     | 3    | Nut-Cap             |
| 90   | 98-9454     | 3    | Gasket              |
| 100  | 107-9075    | 1    | Plug-Filler, Oil    |
| 110  | 131-3834    | 1    | O Ring              |
| 120  | 139-4545    | 1    | Tube-Breather       |
| 130  | 108-2859    | 1    | Clamp-Hose          |
| 140  | 108-2860    | 1    | Clamp-Hose          |



## Main Bearing Case Assembly

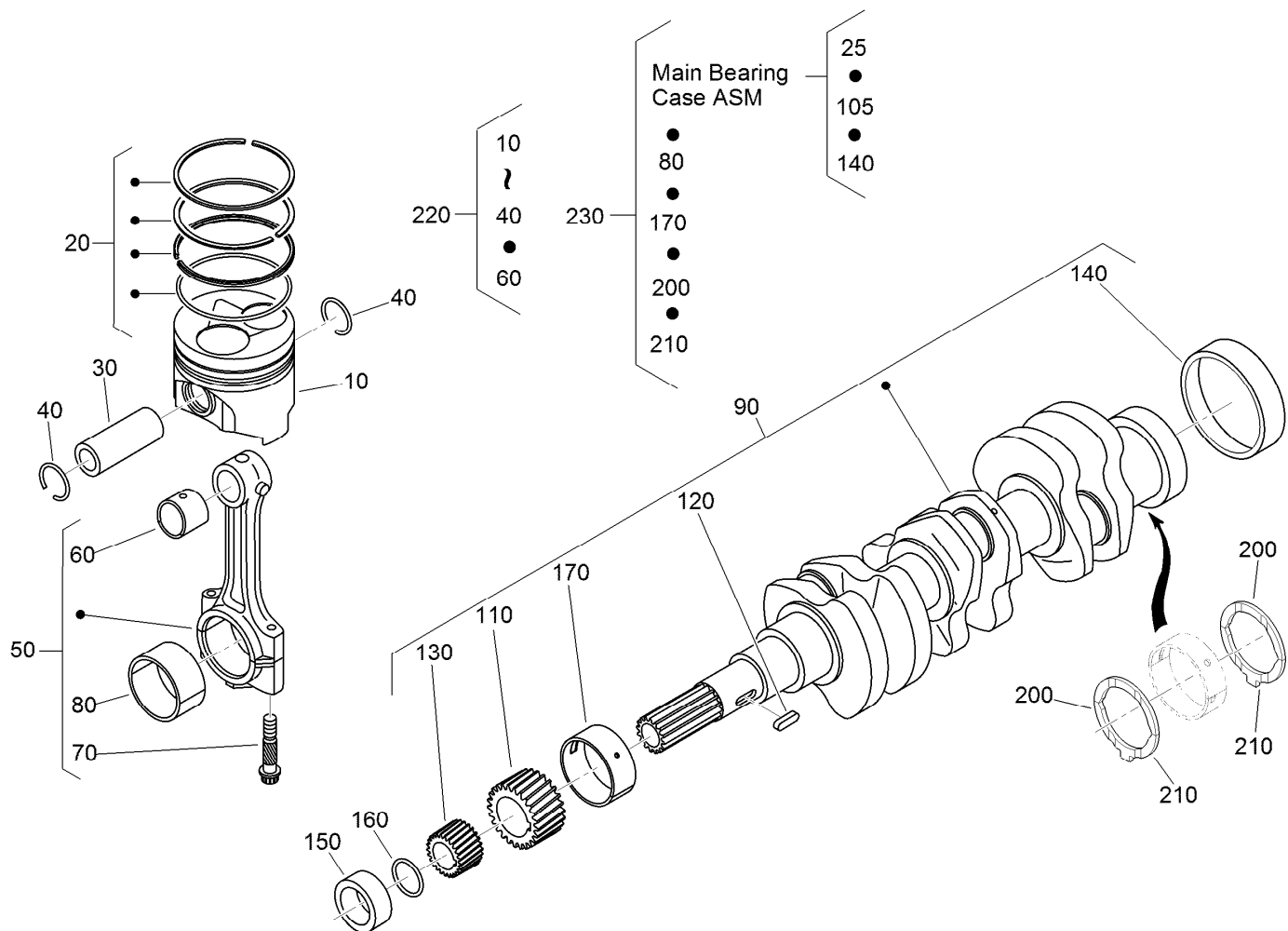
| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 10   | 139-4546    | 1    | Bearing Case ASM          |
| 20   | 98-9484     | 2    | Bolt-Case, Bearing        |
| 25   | 115-4121    | 1    | Metal-Crankshaft (STD)    |
| 25   | 112-7039    | 1    | Metal-Crankshaft (0.2Mm)  |
| 25   | 112-7040    | 1    | Metal-Crankshaft (-0.4Mm) |
| 30   | 131-6554    | 1    | Gasket-Case, Bearing      |
| 40   | 112-7046    | 1    | Cover-Case, Bearing       |
| 50   | 112-0180    | 1    | Seal-Oil                  |
| 60   | 112-7037    | 1    | Gasket-Cover, Case        |
| 70   | 127-0441    | 8    | Bolt                      |
| 80   | 140-2467    | 9    | Bolt                      |

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 90   | 115-4106    | 1    | Main Bearing Case ASM      |
| 100  | 98-9484     | 2    | Bolt-Case, Bearing         |
| 105  | 98-9524     | 1    | Metal-Crankshaft (STD Set) |
| 105  | 127-0433    | 1    | Metal-Crankshaft (-0.2MM)  |
| 105  | 98-9531     | 1    | Bearing-Main (0.4MM)       |
| 110  | 98-9485     | 2    | Bolt-Case, Bearing         |
| 120  | 115-4107    | 1    | Main Bearing Case ASM      |
| 130  | 98-9484     | 2    | Bolt-Case, Bearing         |
| 140  | 98-9524     | 1    | Metal-Crankshaft (STD Set) |
| 140  | 127-0433    | 1    | Metal-Crankshaft (-0.2MM)  |
| 140  | 98-9531     | 1    | Bearing-Main (0.4MM)       |



## Camshaft and Idle Gear Shaft Assembly

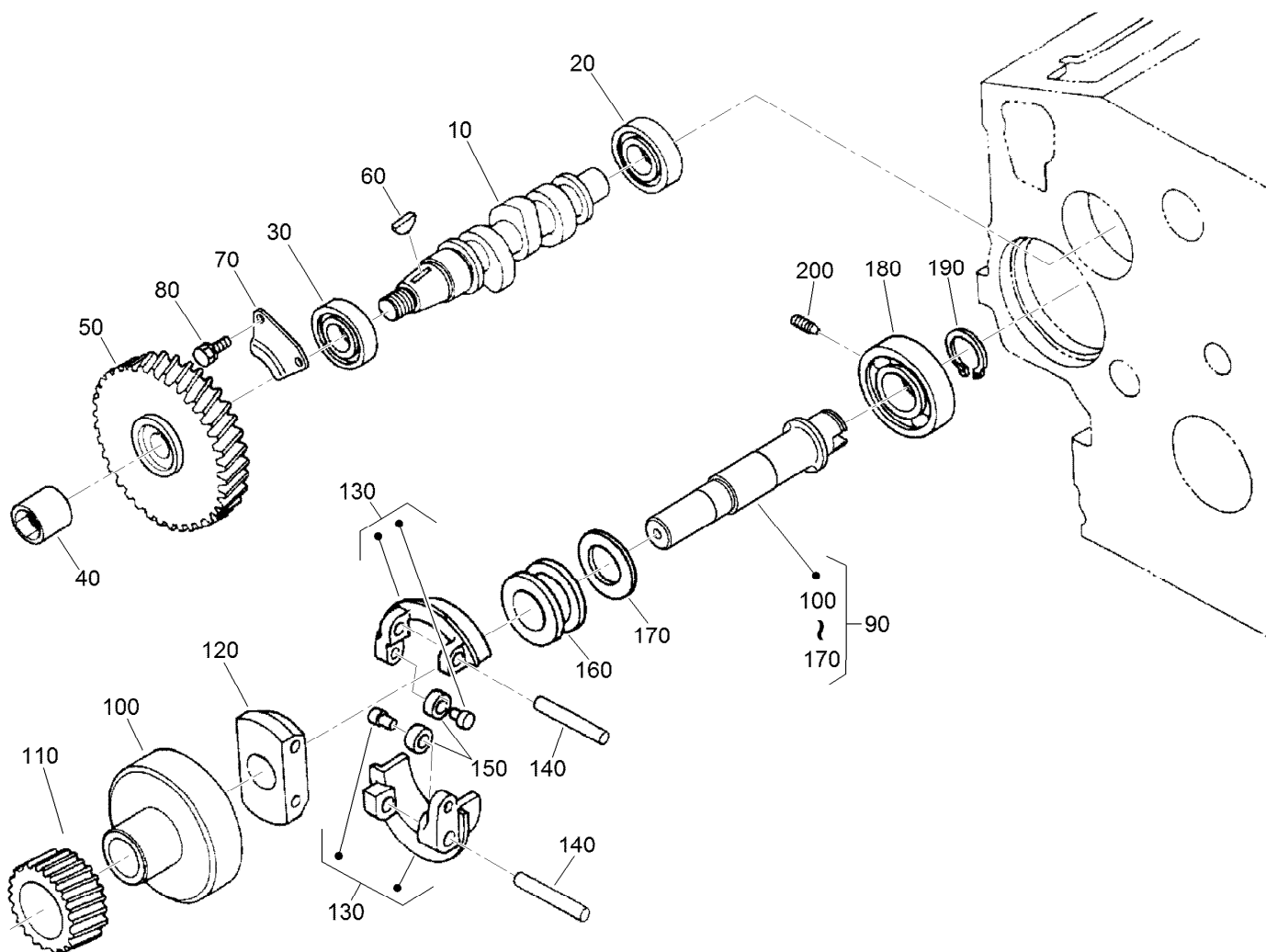
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 10   | 112-0185    | 6    | Tappet             |
| 20   | 127-0421    | 6    | Rod-Push           |
| 30   | 130-1545    | 1    | Camshaft ASM       |
| 40   | 110-3729    | 1    | Ball               |
| 50   | 120-3116    | 1    | Camshaft ASM       |
| 60   | 98-9378     | 1    | Key-Feather        |
| 70   | 131-6555    | 1    | Stopper (Camshaft) |
| 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   | 130-1546    | 3    | Piston (STD)              |
| 10   | 130-1549    | 3    | Piston (+0.50MM)          |
| 20   | 130-1506    | 3    | Piston Ring ASM (STD)     |
| 20   | 130-1507    | 3    | Piston Ring ASM (+0.50MM) |
| 30   | 98-9513     | 3    | Pin-Piston                |
| 40   | 98-9514     | 6    | Circlip-Pin, Piston       |
| 50   | 117-7586    | 3    | Connecting Rod ASM        |
| 60   | 115-3014    | 3    | Bushing-Pin, Piston       |
| 70   | 98-9517     | 6    | Bolt-Rod, Connecting      |
| 80   | 98-9553     | 3    | Bearing-Rod (STD)         |
| 80   | 98-9519     | 3    | Bearing-Rod (-0.2MM)      |
| 80   | 117-7588    | 3    | Metal-Crankpin (-0.4MM)   |
| 90   | 130-1375    | 1    | Crankshaft ASM            |
| 110  | 117-7561    | 1    | Gear-Crankshaft           |
| 120  | 98-9666     | 1    | Key                       |
| 130  | 127-0445    | 1    | Gear-Drive, Oil Pump      |
| 140  | 98-9522     | 1    | Sleeve-Crankshaft         |
| 150  | 127-0444    | 1    | Collar-Crankshaft         |

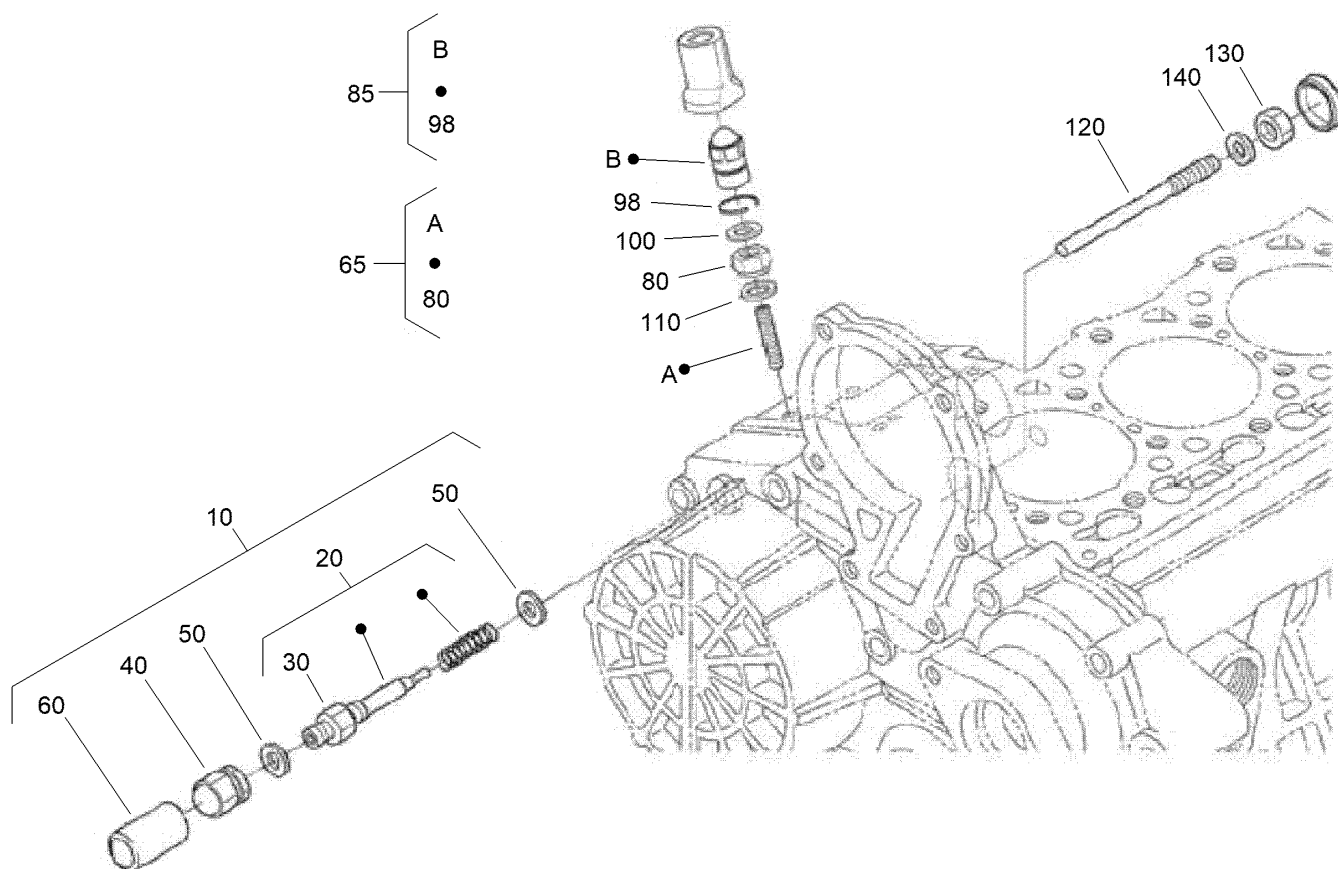
| Ref. | Part Number | Qty. | Description                        |
|------|-------------|------|------------------------------------|
| 160  | 105-3783    | 1    | O-Ring                             |
| 170  | 112-7005    | 1    | Bearing-Main (STD)                 |
| 170  | 98-9528     | 1    | Bearing-Main (-0.2MM)              |
| 170  | 127-0432    | 1    | Metal-Crankshaft (-0.4MM)          |
| 200  | 98-9413     | 2    | Bearing-Thrust (STD)               |
| 200  | 127-0416    | 2    | Metal-Side (+0.2Mm)                |
| 200  | 127-0417    | 2    | Metal-Side (+0.40Mm)               |
| 210  | 98-9688     | 2    | Bearing-Thrust (STD)               |
| 210  | 127-0437    | 2    | Metal-Side (+0.2MM)                |
| 210  | 127-0438    | 2    | Metal-Side (+0.40MM)               |
| 220  | 130-1547    | 3    | Piston Kit                         |
| 220  | 130-1548    | 3    | Piston Kit                         |
| 230  | 130-1501    | 1    | Engine Metal Kit (STD)             |
| 230  | 130-1498    | 1    | Engine Metal Kit (-0.20Mm/+0.20Mm) |
| 230  | 130-1499    | 1    | Engine Metal Kit (-0.40Mm/+0.40Mm) |



## Fuel Camshaft and Governor Shaft Assembly

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 10   | 139-4547    | 1    | Camshaft-Fuel          |
| 20   | 107-9077    | 1    | Bearing-Ball           |
| 30   | 107-9078    | 1    | Bearing-Ball           |
| 40   | 130-1512    | 1    | Nut                    |
| 50   | 120-2562    | 1    | Gear-Pump, Injection   |
| 60   | 98-9595     | 1    | Key-Woodruff           |
| 70   | 98-9511     | 1    | Stopper-Fuel, Camshaft |
| 80   | 98-7692     | 2    | Bolt                   |
| 90   | 98-9644     | 1    | Governor Shaft ASM     |
| 100  | 98-9562     | 1    | Holder-Gear, Governor  |

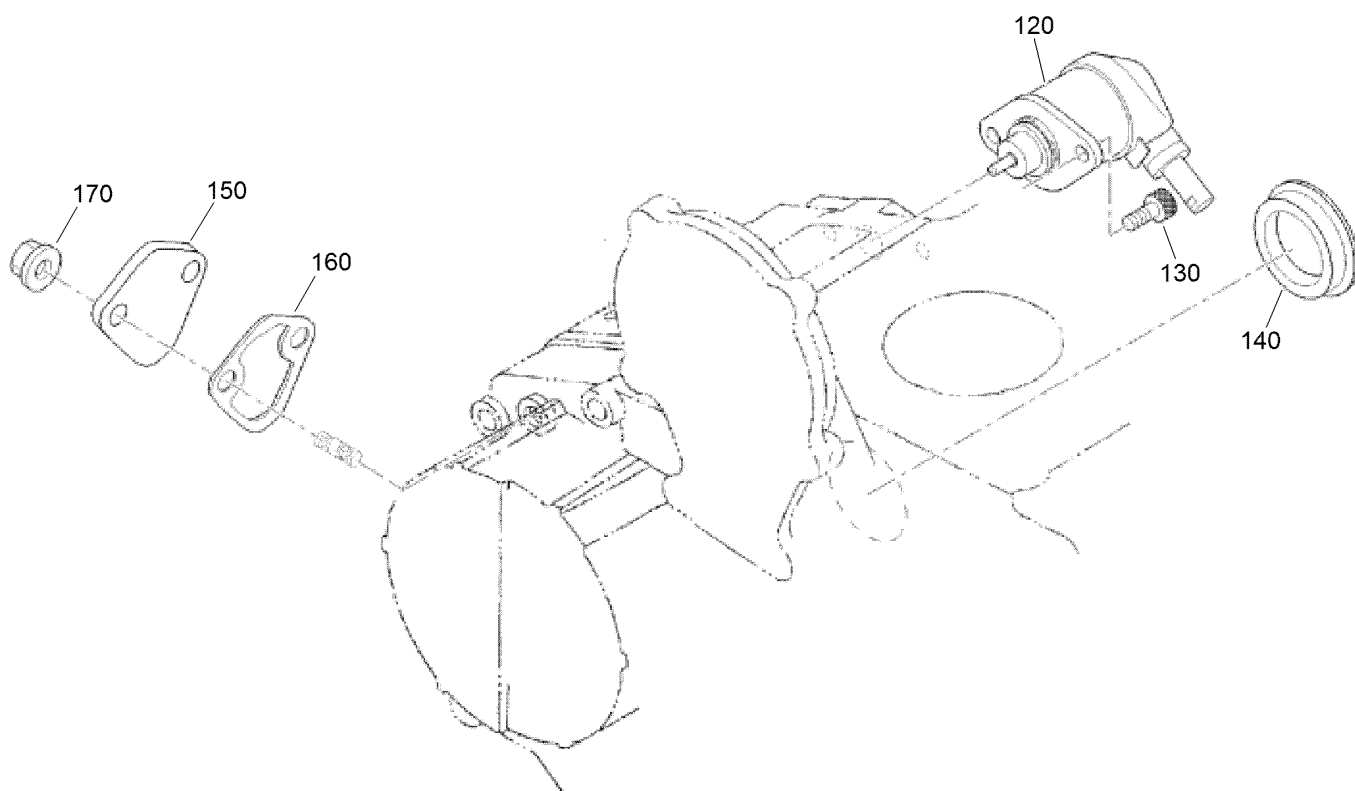
| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 110  | 98-9673     | 1    | Gear-Governor           |
| 120  | 98-9561     | 1    | Holder-Weight, Governor |
| 130  | 98-9559     | 2    | Governor Weight ASM     |
| 140  | 98-9560     | 2    | Shaft-Weight, Governor  |
| 150  | 98-9692     | 2    | Roller                  |
| 160  | 98-9563     | 1    | Sleeve-Governor         |
| 170  | 98-9564     | 1    | Washer-Thrust           |
| 180  | 107-9079    | 1    | Bearing-Ball            |
| 190  | 98-9657     | 1    | Circlip-Shaft, Governor |
| 200  | 98-9565     | 1    | Screw-Set               |



## Idle Apparatus and Stop Solenoid Assembly

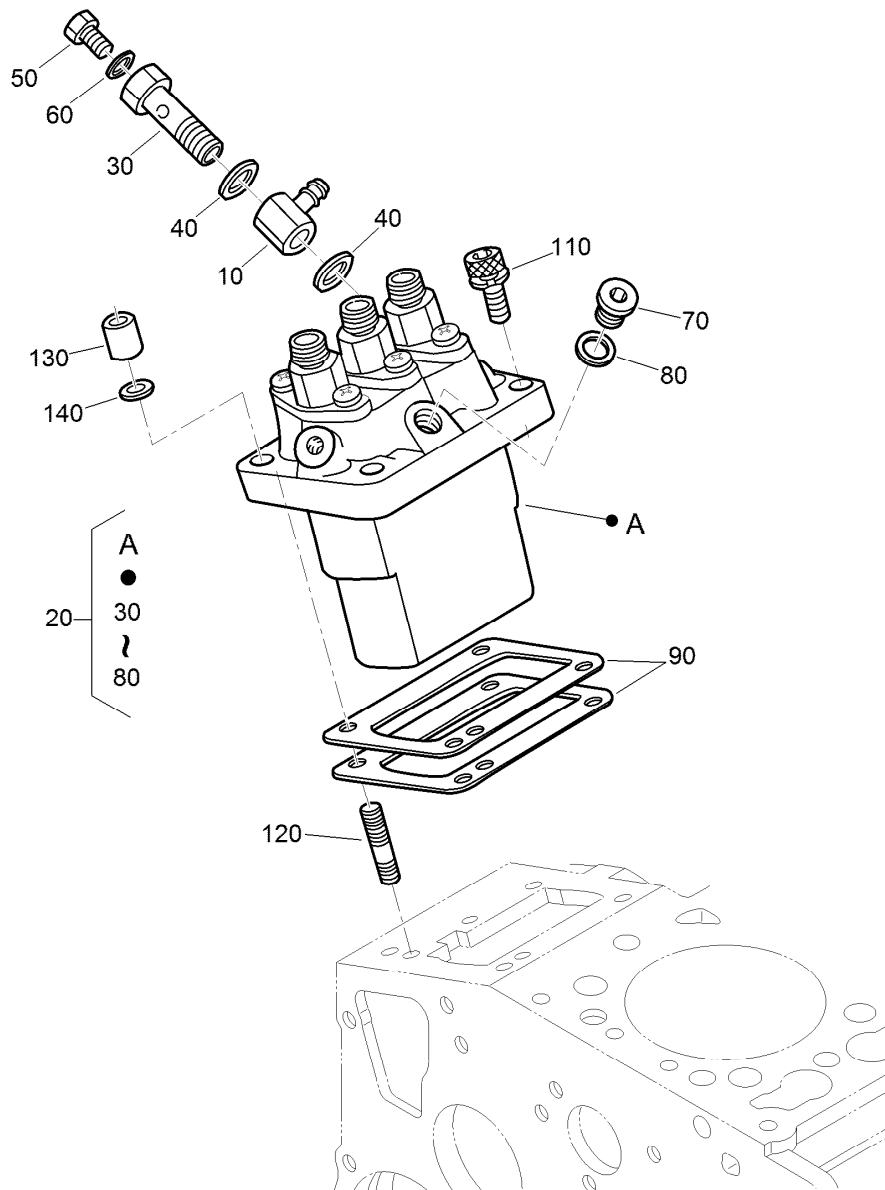
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 10   | 98-9678     | 1    | Idle Apparatus ASM |
| 20   | 112-7014    | 1    | Adjusting Bolt ASM |
| 30   | 98-9439     | 1    | Nut                |
| 40   | 112-0181    | 1    | Nut                |
| 50   | 98-7654     | 2    | Gasket             |
| 60   | 98-7656     | 1    | Cap                |
| 65   | 140-2470    | 1    | Adjusting Bolt ASM |
| 80   | 139-4548    | 1    | Nut-Lock           |
| 85   | 140-2471    | 1    | Cap Nut ASM        |
| 98   | 140-2472    | 1    | Circlip-Int        |
| 100  | 98-7654     | 1    | Gasket             |
| 110  | 107-9081    | 1    | Gasket             |
| 120  | 131-6556    | 1    | Bolt               |
| 130  | 98-7572     | 1    | Nut                |
| 140  | 98-7654     | 1    | Gasket             |





## Solenoid Assembly

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 120         | 104-5155           | 1           | Solenoid-Stop      |
| 130         | 130-1155           | 2           | Screw-HSH          |
| 140         | 112-7016           | 1           | Cover-Pump         |
| 150         | 99-3514            | 1           | Cover              |
| 160         | 117-7562           | 1           | Gasket-Pump, Fuel  |
| 170         | 100-2203           | 2           | Nut-Flange         |

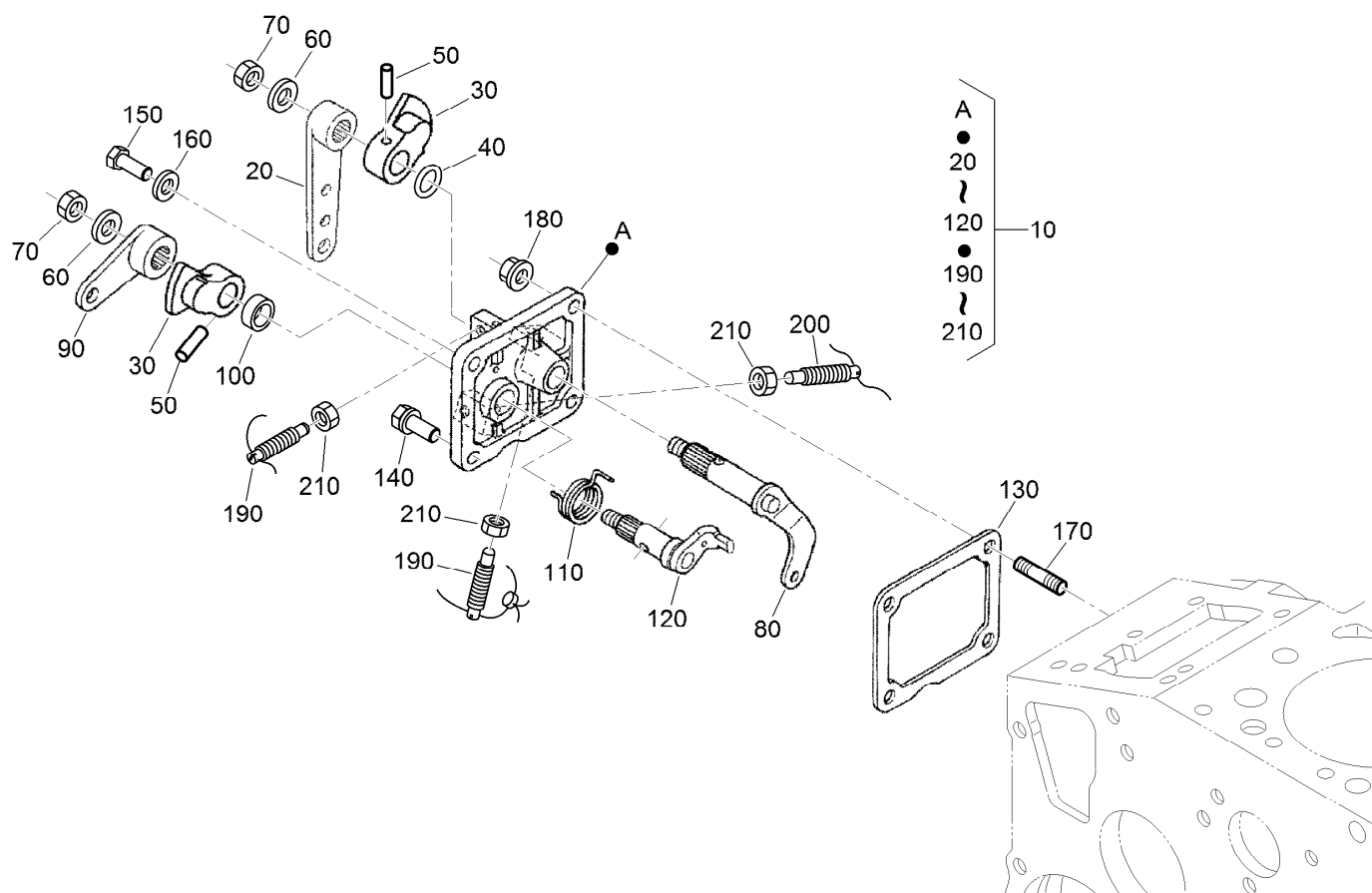


## Injection Pump Assembly

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 10   | 139-4549    | 1    | Joint-Eye               |
| 20   | 98-9643     | 1    | Injection Pump ASM      |
| 30   | 98-9464     | 1    | Bolt-Joint              |
| 40   | 98-9445     | 2    | Gasket                  |
| 50   | 98-9430     | 1    | Screw                   |
| 60   | 98-9446     | 1    | Gasket                  |
| 70   | 98-9466     | 1    | Plug                    |
| 80   | 98-9451     | 1    | Gasket                  |
| 90   | 98-9456     | 1    | Shim-Injection (0.20MM) |

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 90   | 98-9457     | 1    | Shim-Injection (0.25MM)  |
| 90   | 98-9458     | 1    | Shim-Injection (0.30MM)  |
| 90   | 115-3046    | 1    | Shim-Injection (0.35MM)  |
| 90   | 115-3045    | 1    | Shim-Injection (0.175MM) |
| 110  | 117-7564    | 2    | Bolt-Hex Soc HD          |
| 120  | 98-9438     | 2    | Stud                     |
| 130  | 98-9440     | 2    | Nut-Cap                  |
| 140  | 98-7699     | 2    | Washer-Spring            |

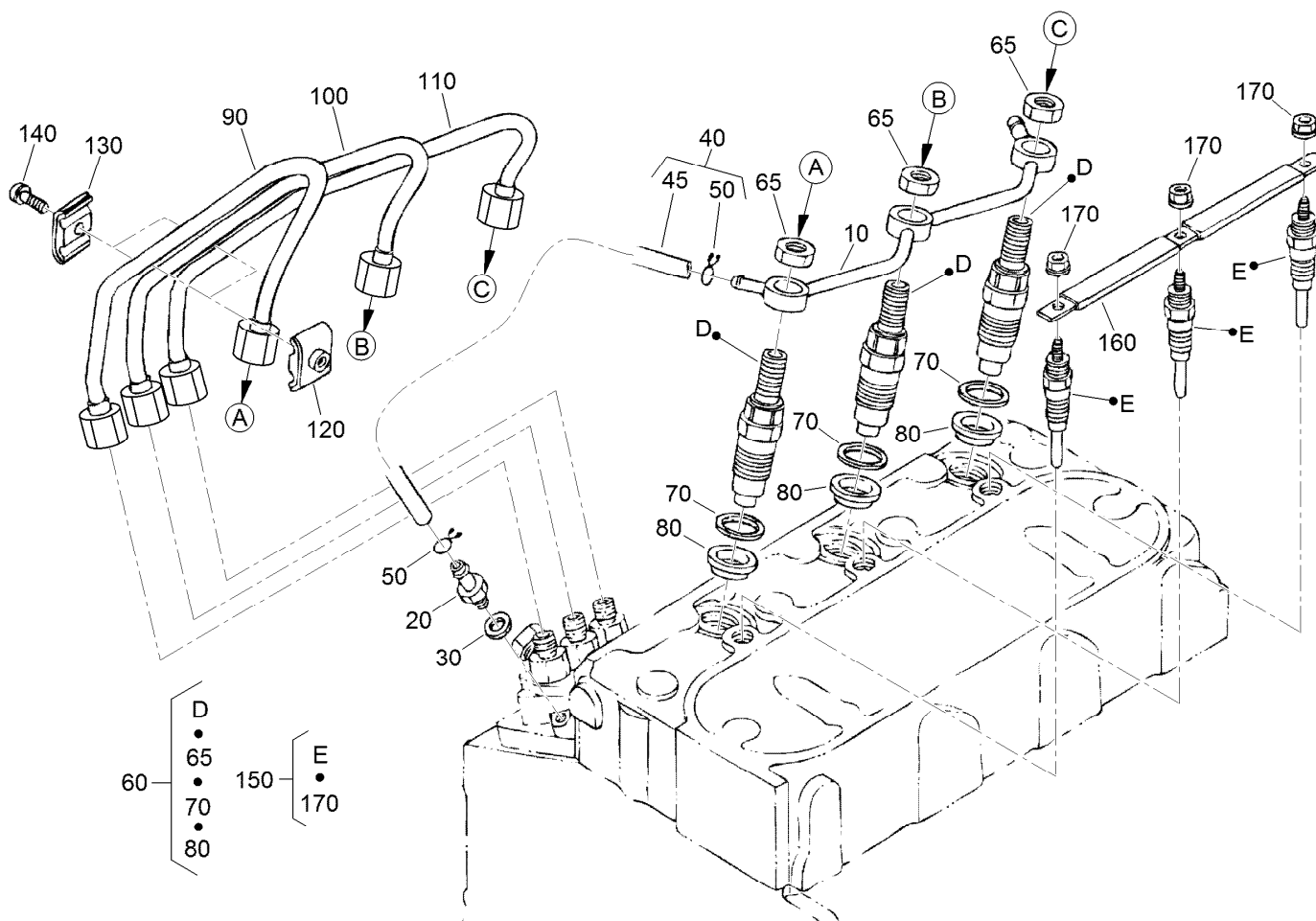




## Speed Control Plate Assembly

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 10   | 105-3735    | 1    | Control Plate ASM    |
| 20   | 98-9662     | 1    | Lever-Control, Speed |
| 30   | 98-9572     | 2    | Lever-Control, Speed |
| 40   | 105-3788    | 1    | O-Ring               |
| 50   | 98-7602     | 2    | Pin-Spring           |
| 60   | 98-9594     | 2    | Washer-Plain         |
| 70   | 98-9589     | 2    | Nut                  |
| 80   | 98-9658     | 1    | Governor Lever ASM   |
| 90   | 98-9663     | 1    | Lever-Stop, Engine   |
| 100  | 98-7601     | 1    | Seal-Oil             |
| 110  | 98-9472     | 1    | Spring-Return        |

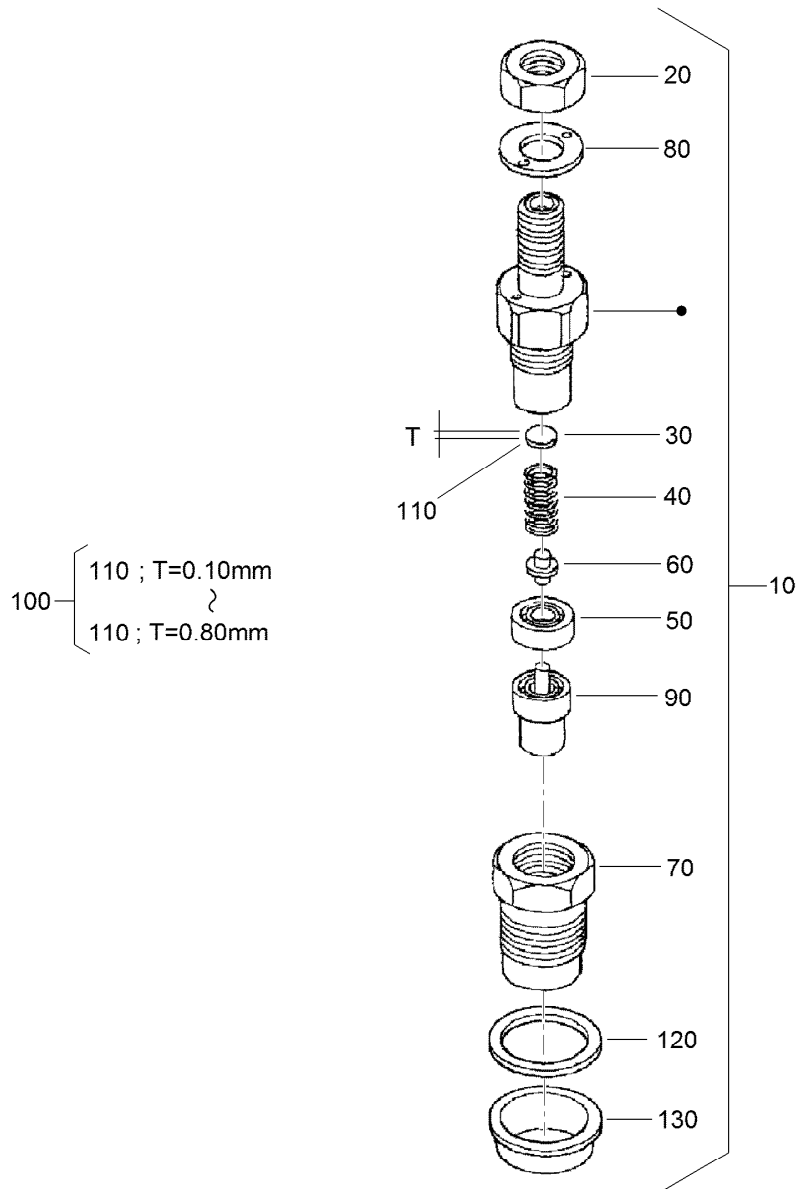
| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 120  | 98-9664     | 1    | Shaft-Lever, Stop |
| 130  | 98-9637     | 1    | Gasket            |
| 140  | 98-7692     | 1    | Bolt              |
| 150  | 127-0401    | 1    | Bolt-Hex          |
| 160  | 98-7654     | 1    | Gasket            |
| 170  | 105-3710    | 2    | Stud              |
| 180  | 100-2203    | 2    | Nut-Flange        |
| 190  | 117-7565    | 2    | Bolt-Adjusting    |
| 200  | 117-7566    | 1    | Bolt-Adjusting    |
| 210  | 98-7572     | 3    | Nut               |



## Nozzle Holder and Glow Plug Assembly

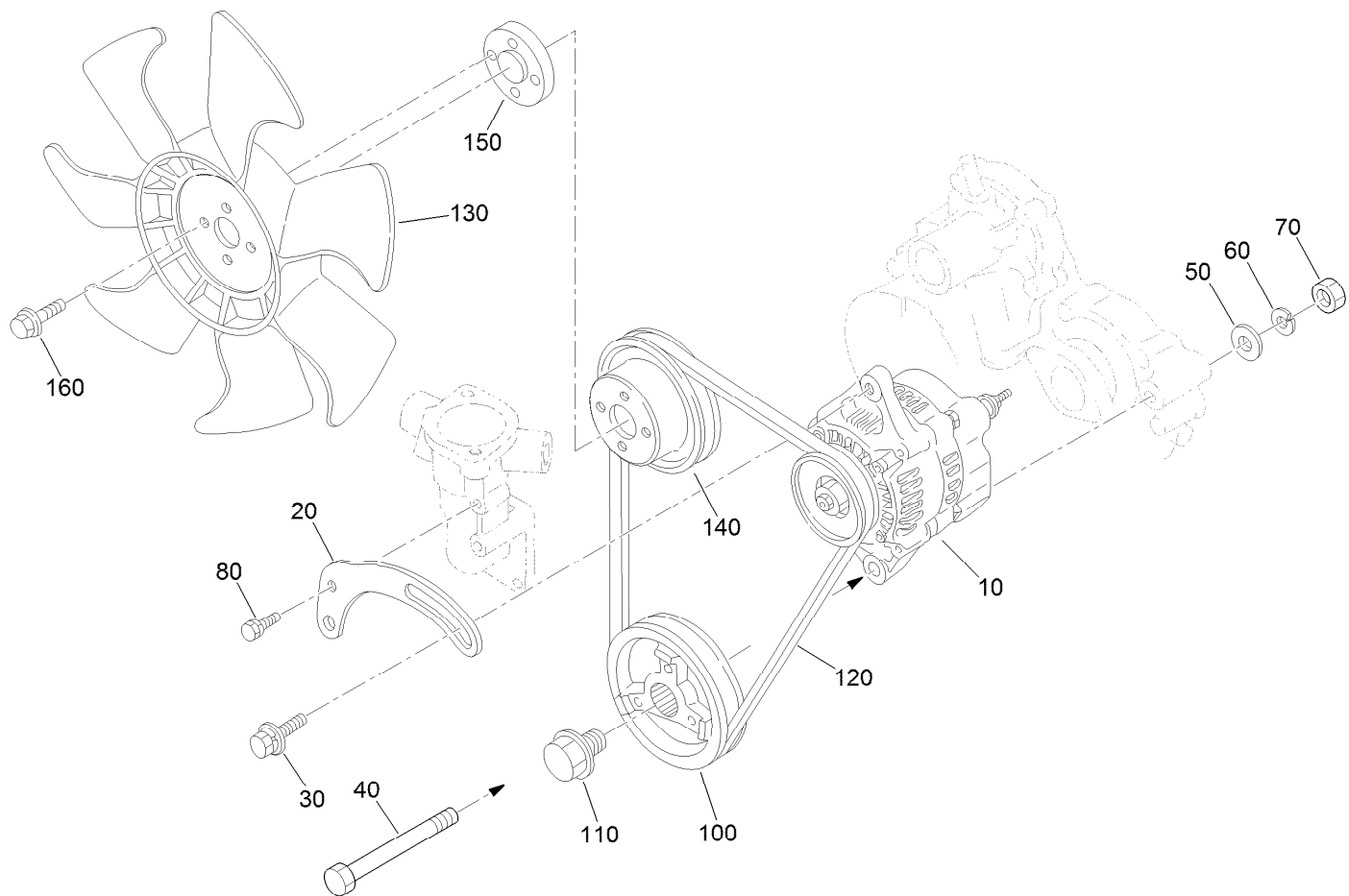
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 10   | 98-9620     | 1    | Overflow Pipe ASM  |
| 20   | 98-9431     | 1    | Screw-Bleeder, Air |
| 30   | 98-7654     | 1    | Gasket             |
| 40   | 140-2456    | 1    | Overflow Pipe ASM  |
| 45   | 140-2457    | 1    | Pipe-Overflow      |
| 50   | 98-7671     | 2    | Clip-Pipe          |
| 60   | 115-3018    | 3    | Nozzle Holder Kit  |
| 65   | 121-2411    | 3    | Nut                |
| 70   | 98-7676     | 3    | Gasket             |
| 80   | 98-7677     | 3    | Seal-Heat          |

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 90   | 98-9622     | 1    | Pipe-Injection   |
| 100  | 98-9654     | 1    | Pipe-Injection   |
| 110  | 98-9655     | 1    | Pipe-Injection   |
| 120  | 98-7682     | 2    | Clamp-Pipe       |
| 130  | 98-7683     | 2    | Clamp-Pipe       |
| 140  | 98-7684     | 2    | Screw (W/Washer) |
| 150  | 130-1411    | 3    | Plug-Glow        |
| 160  | 98-9631     | 1    | Cord-Plug, Glow  |
| 170  | 99-8377     | 3    | Nut-Flange       |



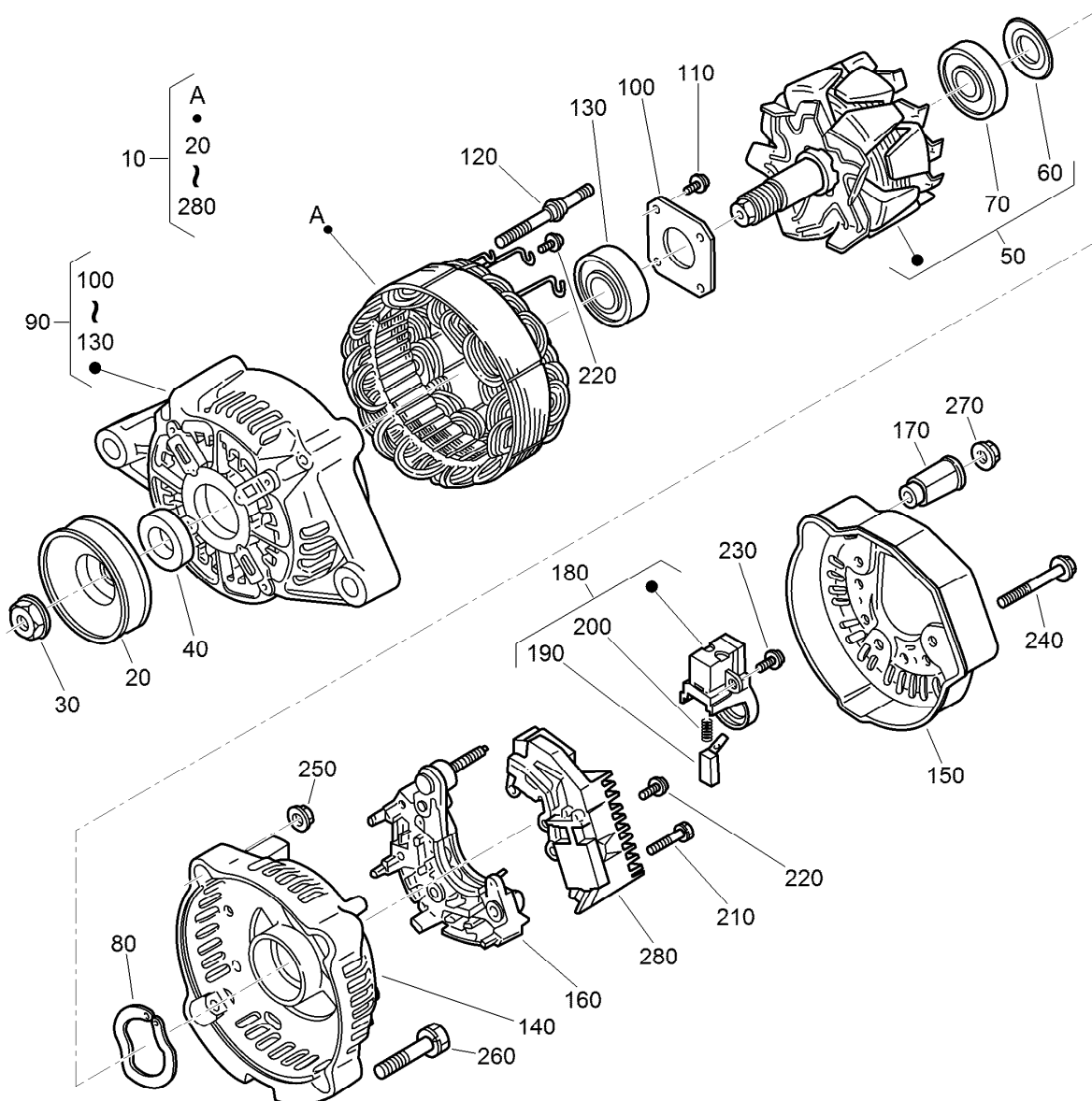
## Nozzle Holder Assembly

| Ref. | Part Number | Qty. | Description            | Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|------|-------------|------|------------------------|
| 10   | 115-3018    | 3    | Nozzle Holder Kit      | 110  | 99-8311     | 3    | Washer-Adjust (0.20MM) |
| 20   | 121-2411    | 3    | Nut                    | 110  | 99-8312     | 3    | Washer-Adjust (0.30MM) |
| 30   | 99-8302     | 3    | Washer-Adjusting       | 110  | 99-8313     | 3    | Washer-Adjust (0.40MM) |
| 40   | 99-8303     | 3    | Spring-Nozzle          | 110  | 99-8314     | 3    | Washer-Adjust (0.50MM) |
| 50   | 99-8304     | 3    | Spacer-Distance        | 110  | 99-8315     | 3    | Washer-Adjust (0.52MM) |
| 60   | 99-8305     | 3    | Rod-Push               | 110  | 99-8316     | 3    | Washer-Adjust (0.54MM) |
| 70   | 99-8306     | 3    | Nut-Nozzle             | 110  | 99-8317     | 3    | Washer-Adjust (0.56MM) |
| 80   | 99-8307     | 3    | Washer-Plain           | 110  | 99-8318     | 3    | Washer-Adjust (0.58MM) |
| 90   | 115-3020    | 3    | Piece-Nozzle           | 110  | 99-8319     | 3    | Washer-Adjust (0.80MM) |
| 100  | 99-8309     | 3    | Adjusting Washer ASM   | 120  | 98-7676     | 3    | Gasket                 |
| 110  | 99-8310     | 3    | Washer-Adjust (0.10MM) | 130  | 98-7677     | 3    | Seal-Heat              |



## Alternator, Pulley and Fan Assembly

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 10   | 131-6557    | 1    | Alternator ASM    |
| 20   | 112-7047    | 1    | Stay-Dynamo       |
| 30   | 108-7088    | 1    | Bolt              |
| 40   | 98-9360     | 1    | Bolt              |
| 50   | 98-9366     | 1    | Washer-Plain      |
| 60   | 98-7738     | 1    | Washer-Spring     |
| 70   | 98-7737     | 1    | Nut               |
| 80   | 98-7692     | 1    | Bolt              |
| 100  | 98-9473     | 1    | Pulley-Drive, Fan |
| 110  | 98-9585     | 1    | Bolt              |
| 120  | 104-3494    | 1    | Belt-V            |
| 130  | 104-4246    | 1    | Fan-Engine        |
| 140  | 130-1567    | 1    | Pulley-Fan        |
| 150  | 108-2872    | 1    | Collar-Fan        |
| 160  | 108-2873    | 4    | Bolt-Flange       |

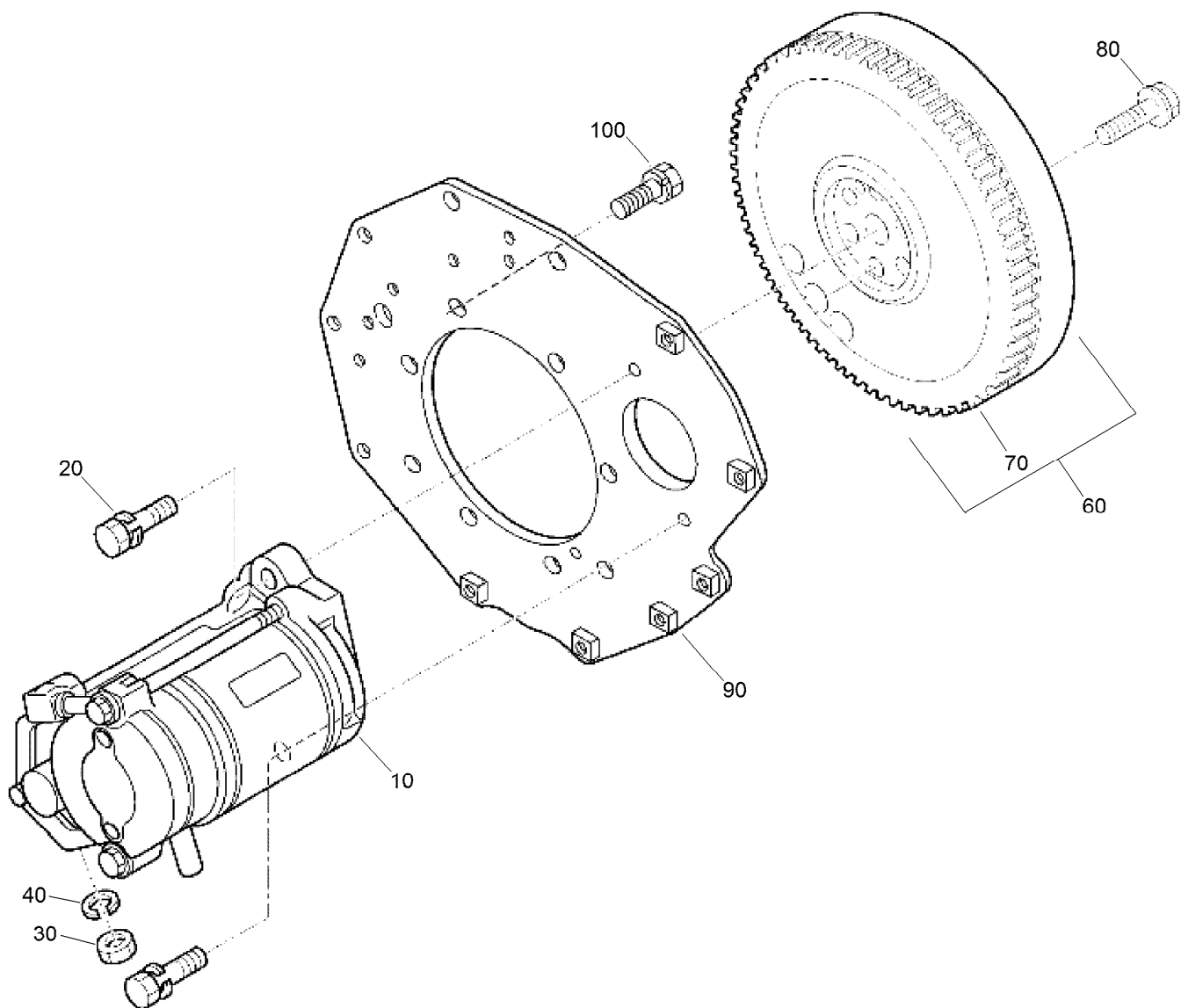


## Alternator Assembly No. 131-6557

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 10   | 131-6557    | 1    | 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      |
| 80   | 98-7713     | 1    | Washer-Thrust     |
| 90   | 131-6559    | 1    | Frame-End, Drive  |
| 100  | 98-7715     | 1    | Plate-Retainer    |
| 110  | 98-7716     | 4    | Screw-Head, Round |
| 120  | 98-7717     | 2    | Bolt-Through      |
| 130  | 133-2811    | 1    | Bearing           |
| 140  | 107-9087    | 1    | Frame-End         |

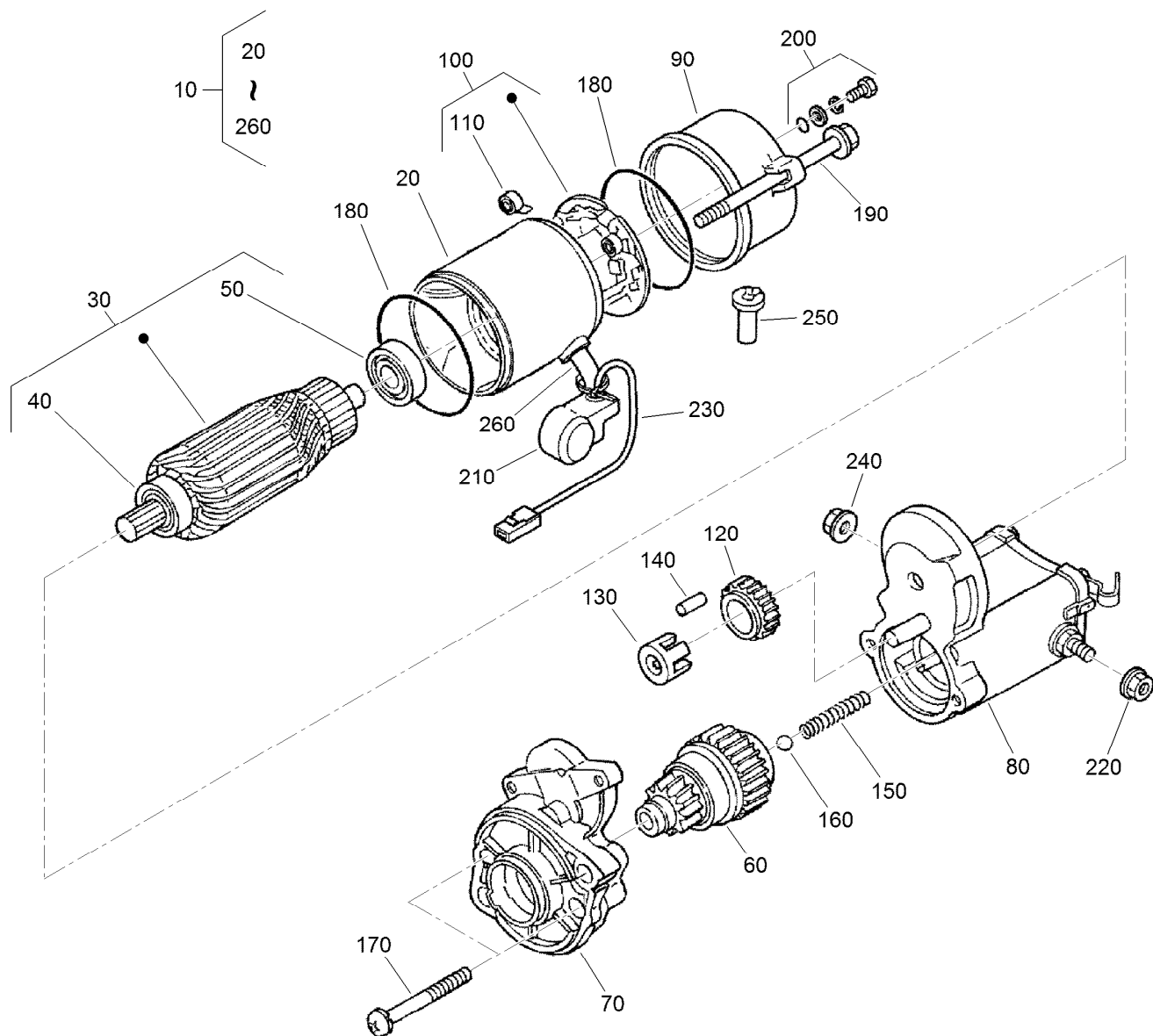
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 150  | 107-0140    | 1    | Cover-End          |
| 160  | 127-1612    | 1    | Rectifier ASM      |
| 170  | 98-7722     | 1    | Bushing-Insulation |
| 180  | 107-0141    | 1    | Brush Holder ASM   |
| 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                |
| 280  | 140-2458    | 1    | Regulator ASM      |





## Starter and Flywheel Assembly

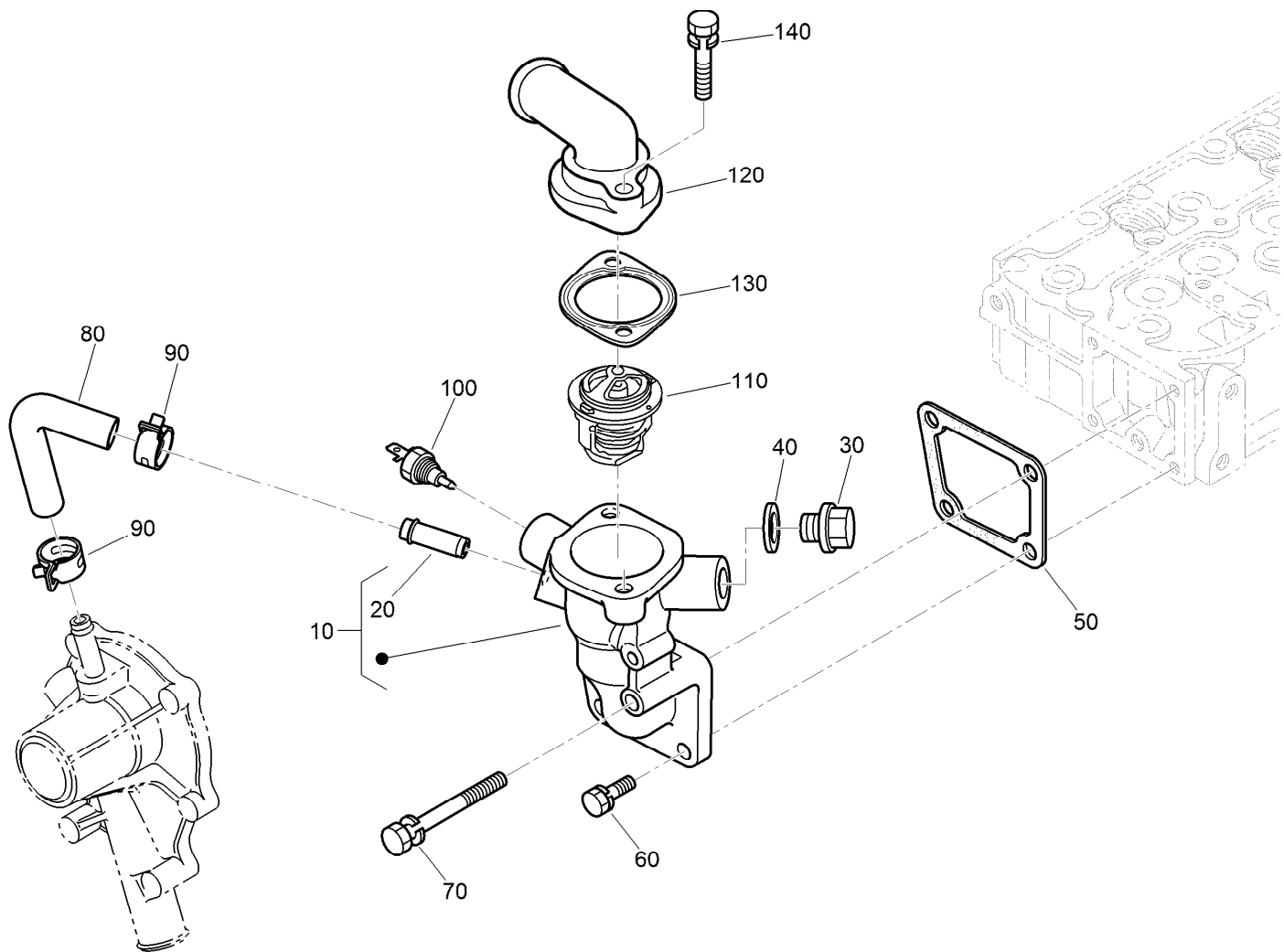
| Ref. | Part Number | Qty. | Description     |
|------|-------------|------|-----------------|
| 10   | 98-9705     | 1    | Starter ASM     |
| 20   | 98-7697     | 2    | Bolt            |
| 30   | 98-7534     | 1    | Nut             |
| 40   | 105-2893    | 1    | Washer-Spring   |
| 60   | 105-3784    | 1    | Flywheel ASM    |
| 70   | 115-3015    | 1    | Gear-Ring       |
| 80   | 98-9537     | 6    | Bolt-Flywheel   |
| 90   | 98-9486     | 1    | Plate-End, Rear |
| 100  | 98-9392     | 8    | Bolt            |



## Starter Component Assembly

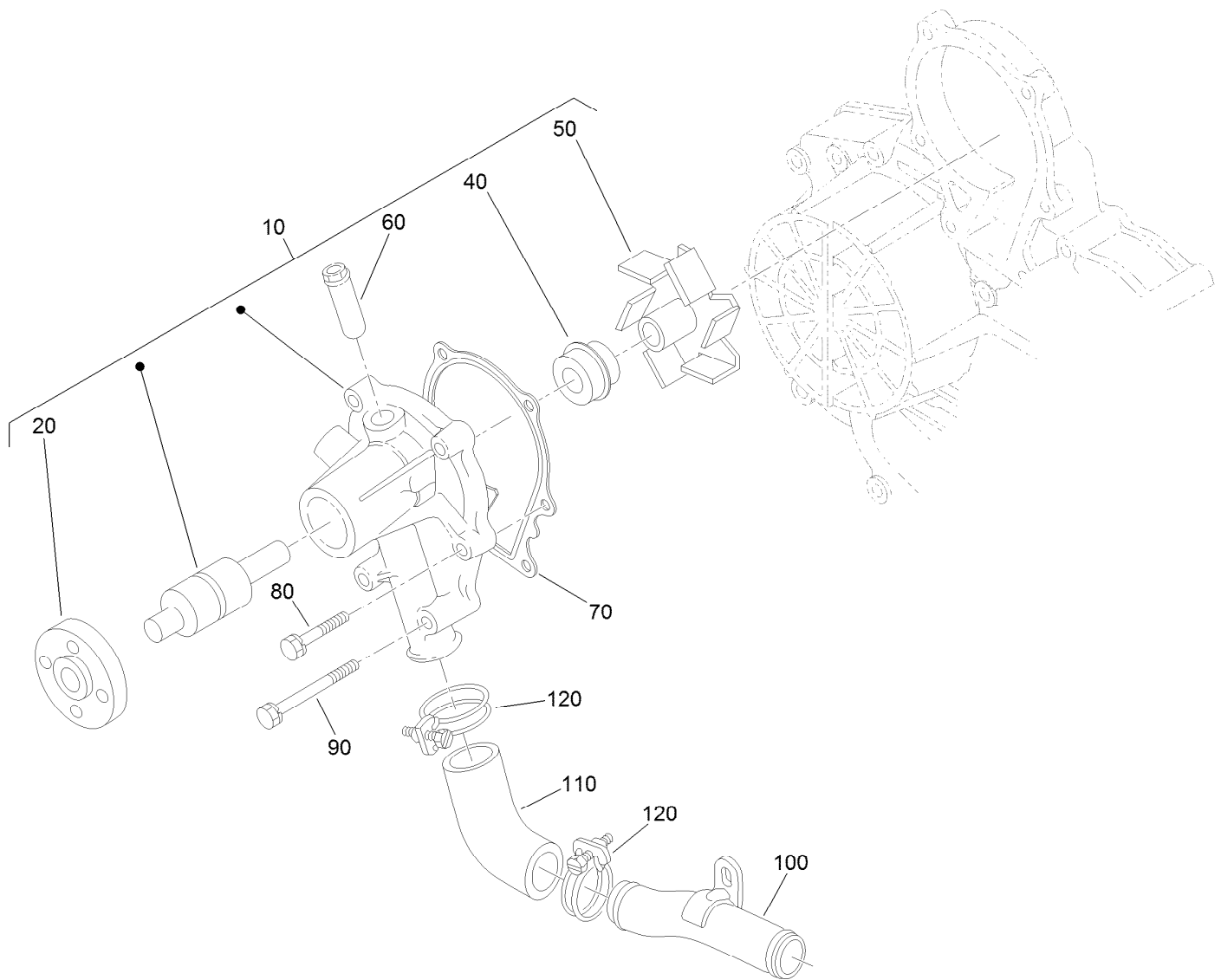
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 10   | 98-9705     | 1    | Starter ASM          |
| 20   | 104-8608    | 1    | Yoke ASM             |
| 30   | 98-7742     | 1    | Armature ASM         |
| 40   | 98-7744     | 1    | Bearing              |
| 50   | 98-7743     | 1    | Bearing              |
| 60   | 99-8373     | 1    | Clutch-Running, Over |
| 70   | 99-8374     | 1    | Frame-End, Drive     |
| 80   | 105-3746    | 1    | Magnetic Switch ASM  |
| 90   | 98-7748     | 1    | Frame-End            |
| 100  | 98-7749     | 1    | Brush Holder ASM     |
| 110  | 98-7750     | 4    | Spring-Brush         |
| 120  | 98-7751     | 1    | Gear                 |
| 130  | 98-7752     | 1    | Retainer             |

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 140  | 98-7753     | 5    | Roller              |
| 150  | 98-7754     | 1    | Spring              |
| 160  | 98-7755     | 1    | Ball                |
| 170  | 98-7756     | 2    | Bolt                |
| 180  | 98-7757     | 2    | O-Ring              |
| 190  | 100-9240    | 2    | Bolt                |
| 200  | 98-7758     | 2    | Bolt ASM            |
| 210  | 99-8375     | 1    | Cover               |
| 220  | 99-8371     | 1    | Nut-Hex             |
| 230  | 98-9711     | 1    | Cord-Solenoid, Stop |
| 240  | 99-8376     | 1    | Nut-Hex             |
| 250  | 98-7759     | 1    | Pipe-Drain          |
| 260  | 98-9712     | 1    | Band-Cover          |



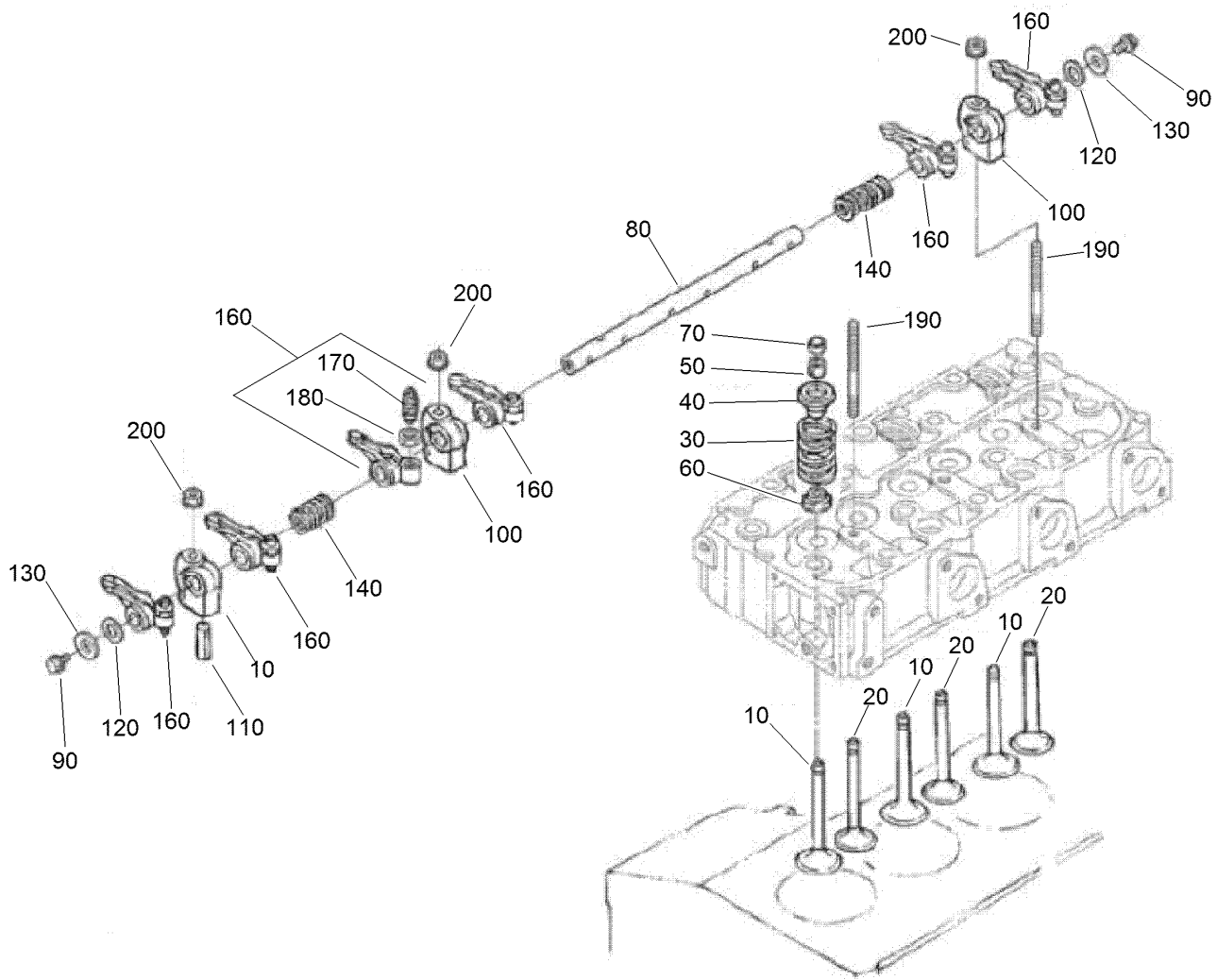
## Water Flange and Thermostat Assembly

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 10   | 98-9713     | 1    | Water Flange ASM     |
| 20   | 98-9580     | 1    | Pipe-Return, Water   |
| 30   | 105-3747    | 1    | Plug                 |
| 40   | 99-3583     | 1    | Gasket               |
| 50   | 98-9638     | 1    | Gasket-Flange, Water |
| 60   | 98-7692     | 3    | Bolt                 |
| 70   | 98-9356     | 1    | Bolt                 |
| 80   | 98-9578     | 1    | Pipe-Return, Water   |
| 90   | 125-9078    | 2    | Clamp-Hose           |
| 100  | 98-9719     | 1    | Thermoswitch         |
| 110  | 98-7778     | 1    | Thermostat ASM       |
| 120  | 104-4804    | 1    | Outlet-Water         |
| 130  | 105-3748    | 1    | Gasket-Thermostat    |
| 140  | 98-7777     | 2    | Bolt                 |



## Water Pump Assembly

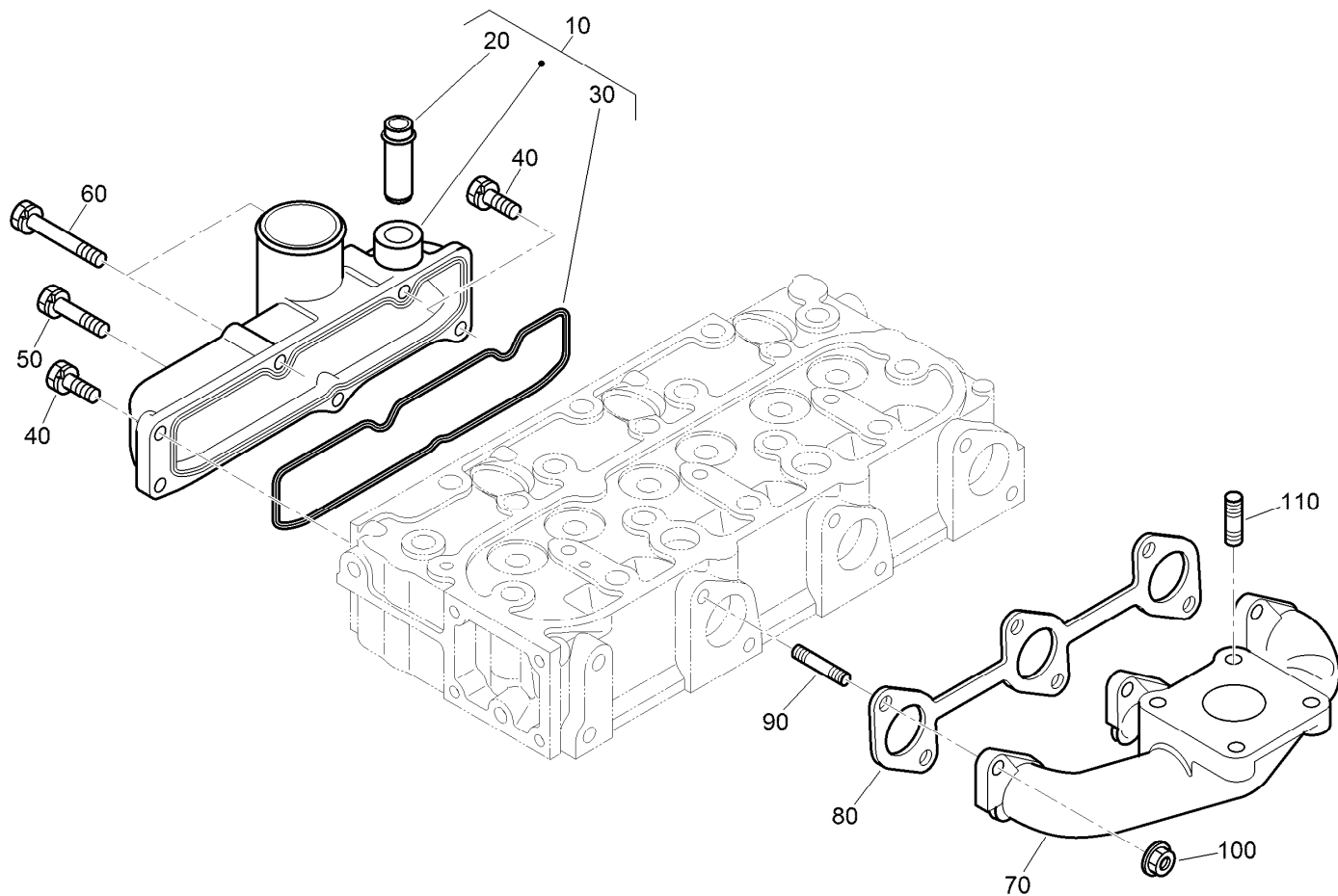
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 10   | 107-9089    | 1    | Water Pump ASM       |
| 20   | 99-3516     | 1    | Flange-Pump, Water   |
| 40   | 105-3750    | 1    | Mechanical Seal ASM  |
| 50   | 112-7017    | 1    | Impeller-Pump, 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

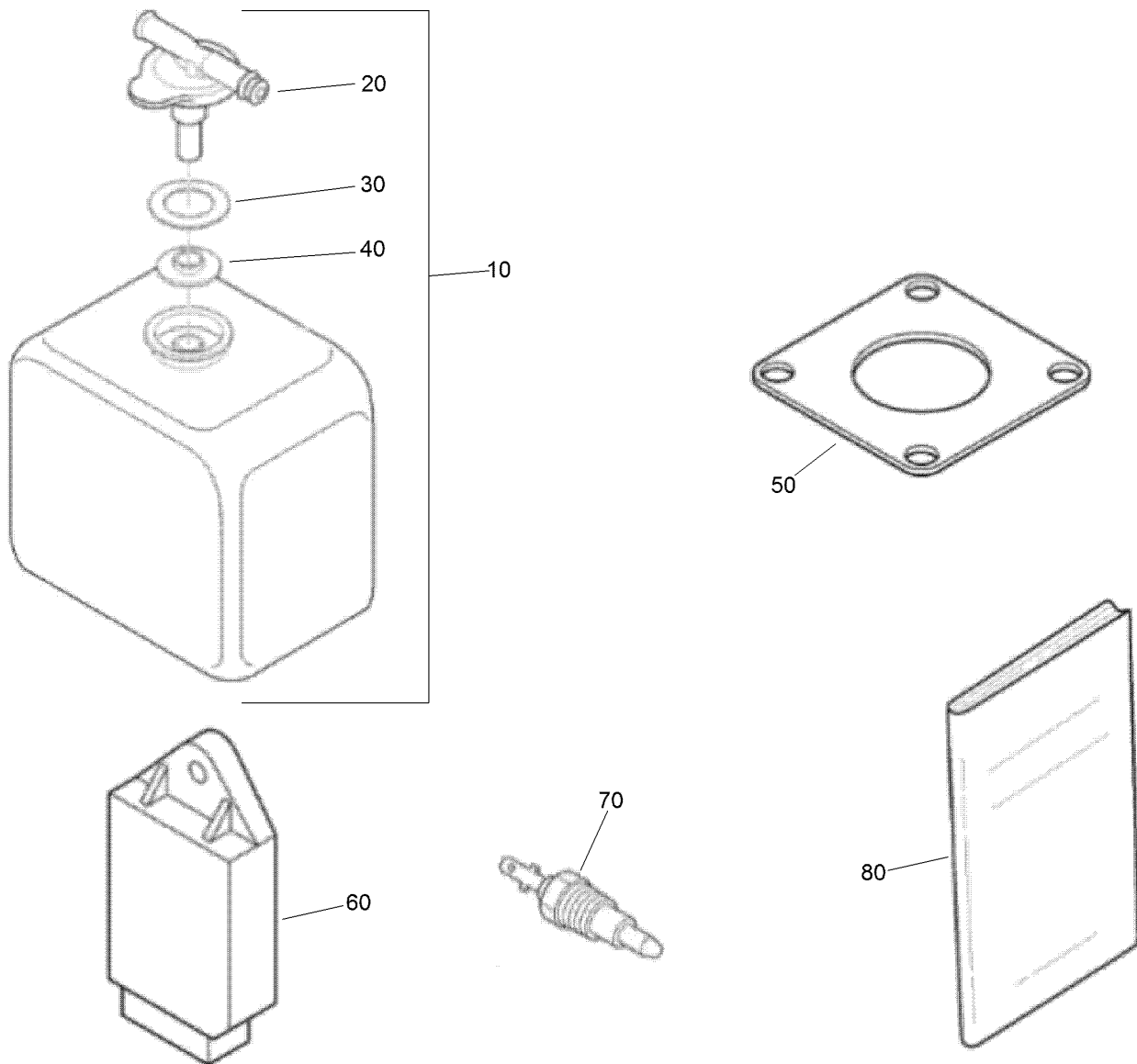
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 10   | 140-2459    | 3    | Valve-Inlet          |
| 20   | 140-2460    | 3    | Valve-Exhaust        |
| 30   | 98-9648     | 6    | Spring-Valve         |
| 40   | 107-9092    | 6    | Retainer-Spring      |
| 50   | 117-7572    | 6    | Collet-Spring, Valve |
| 60   | 99-8385     | 6    | Seal-Stem, Valve     |
| 70   | 98-9497     | 6    | Cap-Valve            |
| 80   | 130-1248    | 1    | Shaft-Arm, Rocker    |
| 90   | 99-8363     | 2    | Bolt-Flange          |
| 100  | 98-9505     | 3    | Bracket-Arm, Rocker  |

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 110  | 105-3758    | 1    | Pin-Spring               |
| 120  | 98-9507     | 2    | Washer-Shaft, Rocker Arm |
| 130  | 110-3832    | 2    | Washer-Plain             |
| 140  | 98-9504     | 2    | Spring-Arm, Rocker       |
| 160  | 112-7020    | 6    | Rocker Arm ASM           |
| 170  | 98-9502     | 6    | Screw-Adjusting          |
| 180  | 98-9503     | 6    | Nut                      |
| 190  | 98-9506     | 3    | Stud                     |
| 200  | 131-6563    | 3    | Nut-Flange               |



## Inlet and Exhaust Manifold Assembly

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 10   | 107-7843    | 1    | Manifold Inlet ASM       |
| 20   | 98-9492     | 1    | Joint-Pipe, Breather     |
| 30   | 98-9609     | 1    | Gasket-Manifold, Inlet   |
| 40   | 127-0403    | 3    | Bolt-Flange              |
| 50   | 98-9353     | 1    | Bolt                     |
| 60   | 125-9063    | 2    | Bolt-Sems                |
| 70   | 107-9093    | 1    | Manifold-Exhaust         |
| 80   | 99-8327     | 1    | Gasket-Manifold, Exhaust |
| 90   | 98-9588     | 6    | Stud                     |
| 100  | 98-9665     | 6    | Nut                      |
| 110  | 98-7769     | 4    | Stud                     |



## Miscellaneous Engine Parts

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 10          | 104-9318           | 1           | Bottle-Overflow    |
| 20          | 115-4132           | 1           | Cap                |
| 30          | 105-3755           | 1           | Gasket             |
| 40          | 105-3756           | 1           | Plate              |
| 50          | 99-8343            | 1           | Gasket-Muffler     |
| 60          | 140-2463           | 1           | Controller-Glow    |
| 70          | 140-2462           | 1           | Thermoswitch       |
| 80          | 140-2461           | 1           | Manual-Operator    |

# Attachments and Accessories

## For 03820 — Reelmaster 3555 Traction Unit

| Product Name                                                                              | Model/Part  |
|-------------------------------------------------------------------------------------------|-------------|
| Operator Cooling Fan .....                                                                | 03247       |
| Switch Panel-Universal Sunshade.....                                                      | 03248       |
| 22in Fairway Flex Grass Basket Kit .....                                                  | 03415       |
| 22in Fairway Compact Grass Basket Kit .....                                               | 03416       |
| 22in 8-Blade DPA Cutting Unit .....                                                       | 03487       |
| 22in 11-Blade DPA Cutting Unit .....                                                      | 03488       |
| 22in 5 In 11-bld Es (rr) Dpa Cu .....                                                     | 03489       |
| Premium All Purpose Grease (Tube) .....                                                   | 108-1190    |
| Premium Synthetic Bio-Degradable Hydraulic Fluid (5 Gallon Pail) .....                    | 119-2157    |
| Premium Synthetic Bio-Degradable Hydraulic Fluid (55 Gallon Drum).....                    | 119-2158    |
| Treaded 22-12x12 Tire Asm .....                                                           | 121-7924    |
| Step .....                                                                                | 127-8562-03 |
| PX Hydraulic Fluid (5 Gal) .....                                                          | 133-8086    |
| PX Hydraulic Fluid (55 Gal).....                                                          | 133-8087    |
| Beacon Kit .....                                                                          | 138-2699    |
| Power Harness Kit .....                                                                   | 138-2993    |
| Cutting Unit Lock Kit, Reelmaster 3555 or 3575 Traction Unit .....                        | 138-6938    |
| Work Lights Kit, Groundsmaster and Reelmaster Traction Units with Universal Sunshade..... | 140-1554    |
| Hydraulic Booster-10.5 fl oz.....                                                         | 145-5286    |
| Brush and Handle Kit .....                                                                | 29-9100     |
| White Universal Sunshade .....                                                            | 30669       |
| Red Universal Sunshade .....                                                              | 30671       |
| New Red Paint - Gallon .....                                                              | 361-11      |
| Dark Metallic Gray Aerosol Paint .....                                                    | 361-12      |
| Semi-Gloss Black Spray Paint .....                                                        | 361-9       |
| 1000 Hour MVP Kit .....                                                                   | 44963       |
| Air Dry Red Paint - Qt .....                                                              | 5340        |
| Diagnostic Display Box .....                                                              | 85-4750     |



**Notes:**

**Notes:**

**Notes:**



**Count on it.**