



**Count on it.**

Form No. 3356-370 Rev D

# Parts Catalog

## Reelmaster® 5510 Traction Unit

Model No. 03680—Serial No. 260000001 and Up



# Ordering Replacement Parts

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

## Understanding Reference Numbers

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

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

## Service Assembly Reference Numbers

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

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

## Reference Numbers Indicating Quantity

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

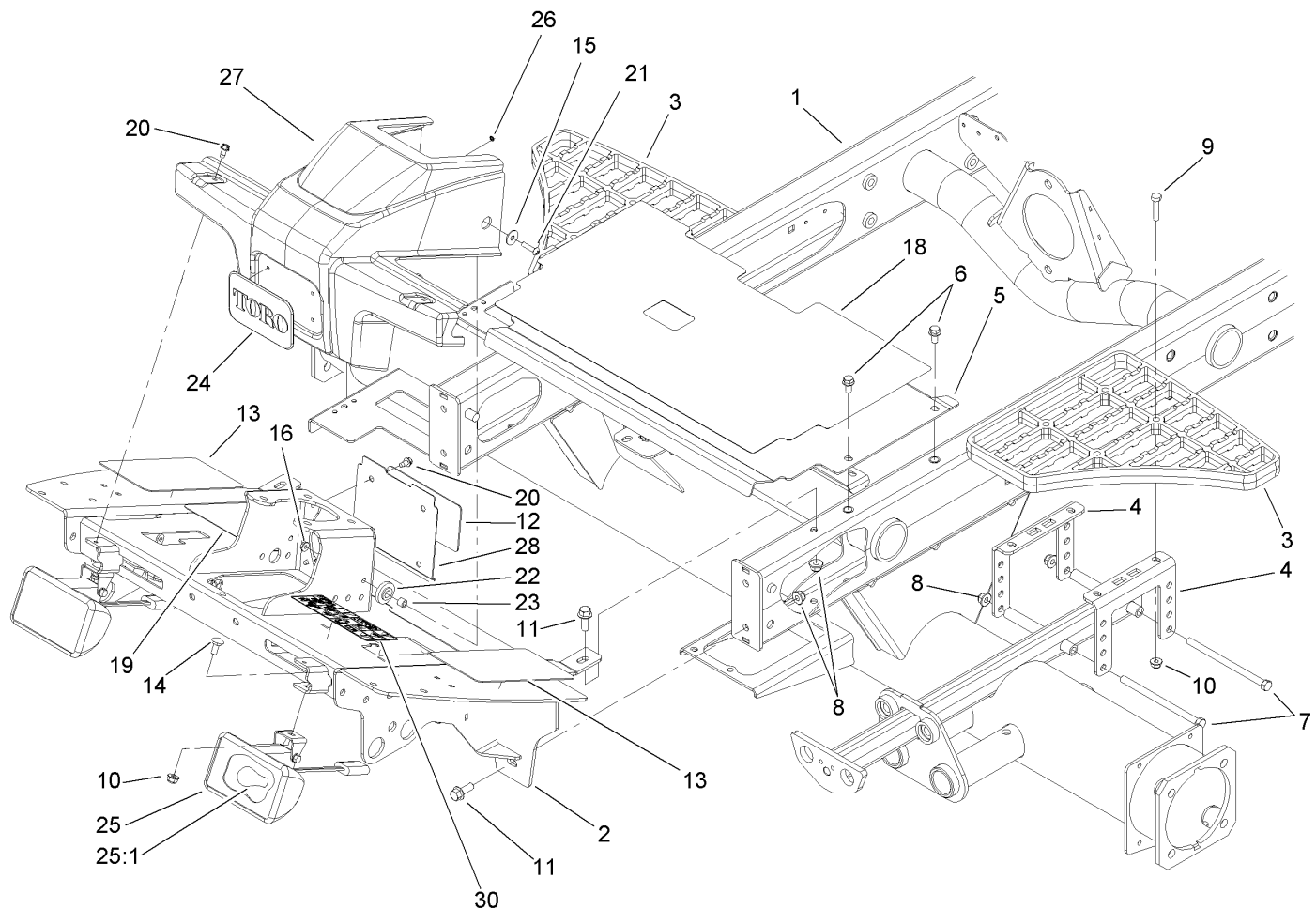
For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

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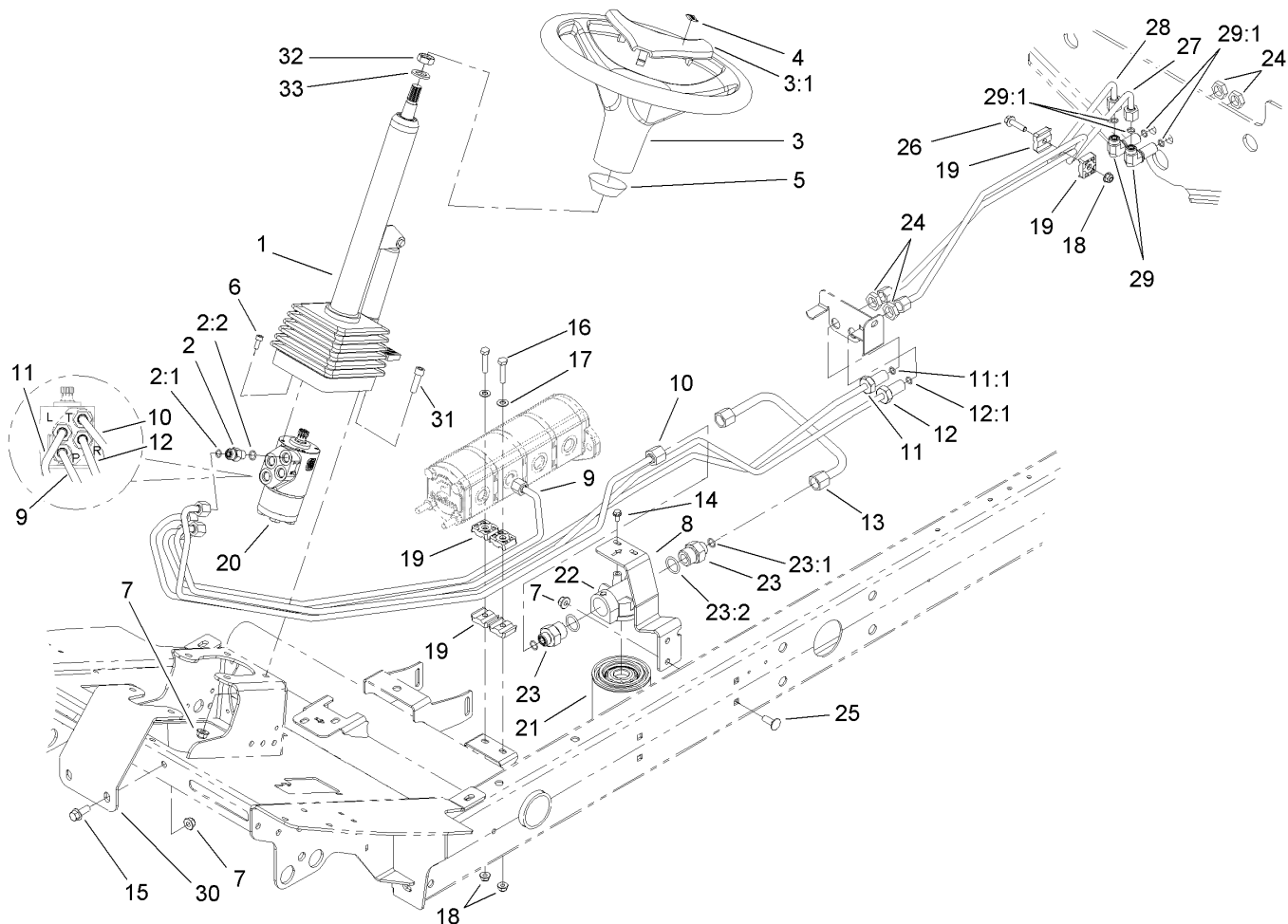
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## Front Frame Assembly

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 110-5312    | 1    | Frame ASM          |
| 2    | 107-4501-01 | 1    | Platform ASM       |
| 3    | 108-1670    | 2    | Step-Aluminum      |
| 4    | 108-1671-01 | 4    | Bracket-Step       |
| 5    | 108-1806-01 | 1    | Plate-Floor        |
| 6    | 3234-17     | 4    | Screw-HHF          |
| 7    | 323-58      | 4    | Bolt-TAP, HH       |
| 8    | 104-8301    | 8    | Nut-HF, NI         |
| 9    | 322-17      | 8    | Screw-HH           |
| 10   | 104-8300    | 10   | Nut-HF, NI         |
| 11   | 3234-11     | 4    | Screw-HHF          |
| 12   | 110-0986    | 1    | Decal-Plate, Cover |
| 13   | 110-0988    | 2    | Tread-Floor, Side  |
| 14   | 3230-1      | 2    | Bolt-CARR          |
| 15   | 87-6630     | 2    | Washer-Plain       |

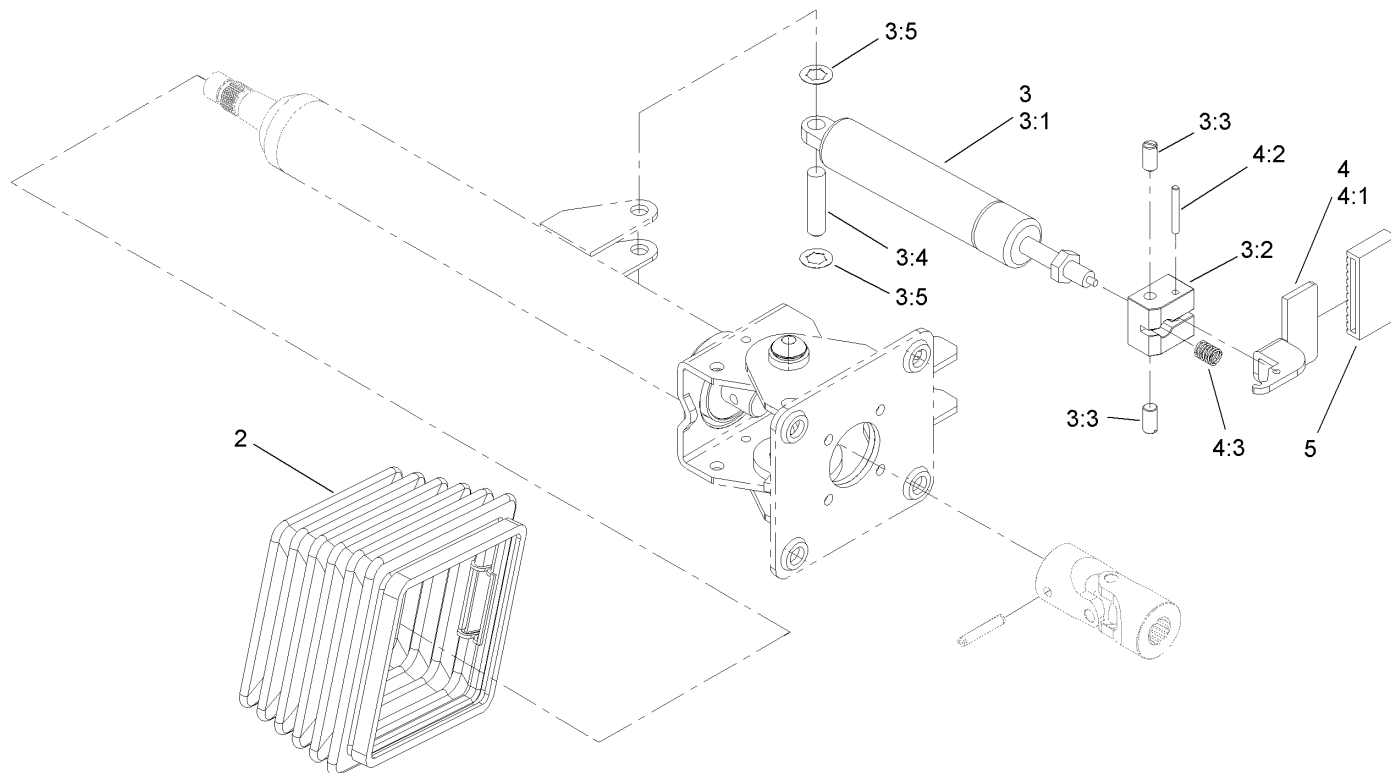
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 16   | 3296-42     | 2    | Nut-Lock, NI          |
| 18   | 108-1844    | 1    | Tread-Panel, Service  |
| 19   | 108-1845    | 1    | Tread-Board, Floor    |
| 20   | 32104-17    | 6    | Screw-HWH             |
| 21   | 106-9518    | 2    | Screw-PRH             |
| 22   | 240-11      | 2    | Bushing-Flange        |
| 23   | 66-8010     | 2    | Spacer                |
| 24   | 93-6028     | 1    | Plate-Logo            |
| 25   | 94-9024     | 2    | Lamp ASM              |
| 25:1 | 95-0909     | 1    | Lamp-12 Volt          |
| 26   | 3254-9      | 4    | Washer-Lock, Internal |
| 27   | 110-0944    | 1    | Shroud-Platform       |
| 28   | 110-0947-03 | 1    | Plate-Cover           |
| 30   | 110-8924    | 1    | Decal-Danger          |
| 30   | 110-8986    | 1    | Decal-Danger          |



## Steering Valve Hydraulic Plumbing Assembly

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 1    | 106-3622    | 1    | Steering Tilt Column ASM |
| 2    | 340-2       | 4    | Fitting-Straight         |
| 2:1  | 237-22      | 1    | O-Ring                   |
| 2:2  | 237-42      | 1    | O-Ring                   |
| 3    | 98-1471     | 1    | Wheel-Steering           |
| 3:1  | 98-1468     | 1    | Cover-Wheel, Steering    |
| 4    | 98-1459     | 1    | Decal                    |
| 5    | 93-5429     | 1    | Collar-Foam              |
| 6    | 105-2409    | 4    | Screw-HSH                |
| 7    | 104-8301    | 6    | Nut-HF, NI               |
| 8    | 110-0906-01 | 1    | Support-Filter, Oil      |
| 9    | 108-1710    | 1    | Tube ASM                 |
| 10   | 108-1711    | 1    | Tube-HYD                 |
| 11   | 108-1712    | 1    | Tube ASM                 |
| 11:1 | 237-22      | 1    | O-Ring                   |
| 12   | 108-1713    | 1    | Tube ASM                 |
| 12:1 | 237-22      | 1    | O-Ring                   |
| 13   | 108-1714    | 1    | Tube ASM                 |
| 14   | 3234-33     | 2    | Screw-HHF                |
| 15   | 3234-11     | 2    | Screw-HHF                |
| 16   | 322-7       | 2    | Screw-HH                 |

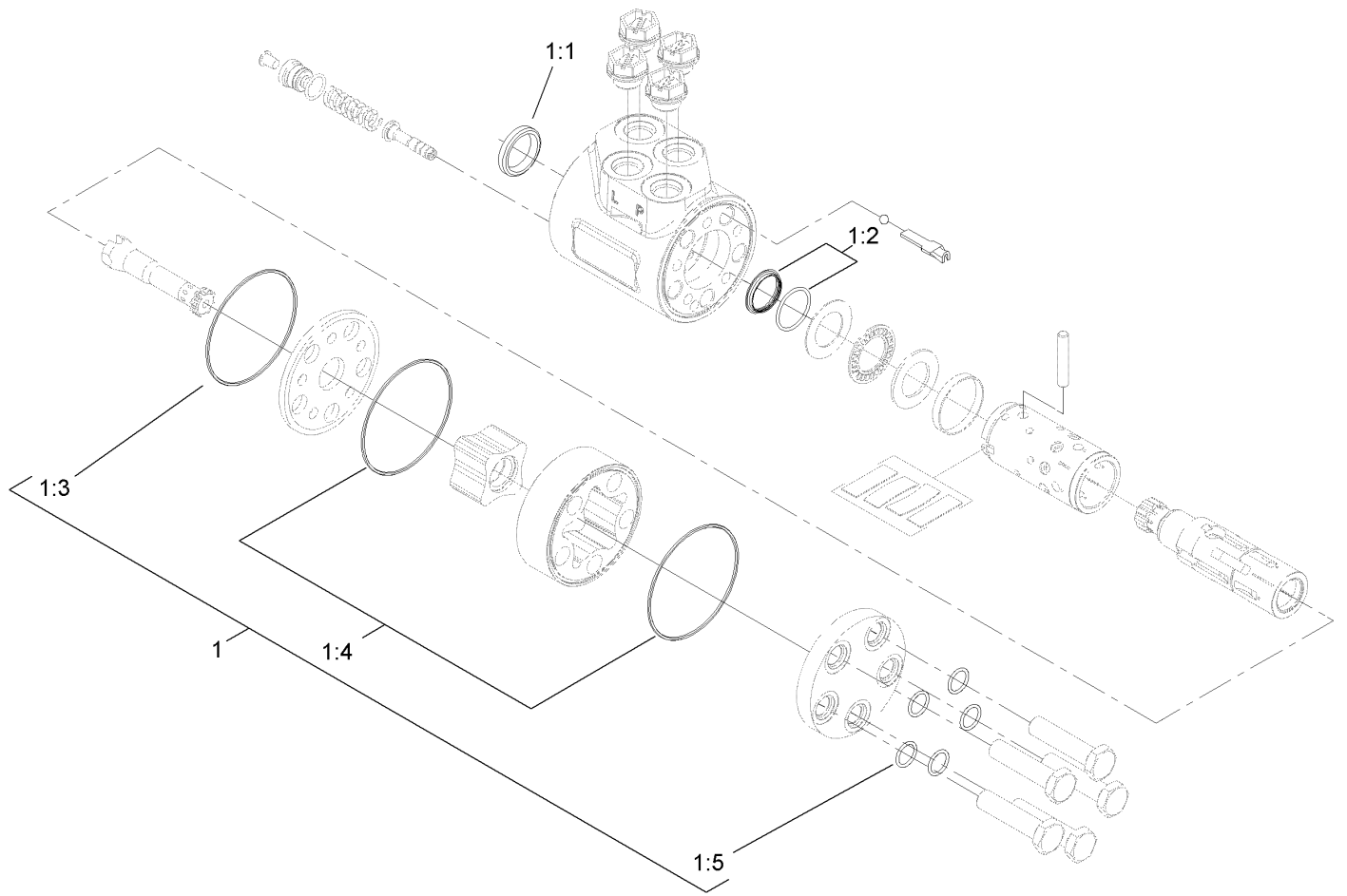
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 17   | 3256-23     | 2    | Washer-Plain       |
| 18   | 104-8300    | 3    | Nut-HF, NI         |
| 19   | 56-7973     | 6    | Clamp-Tube         |
| 20   | 106-3621    | 1    | Steering Valve ASM |
| 21   | 86-3010     | 1    | Filter-Oil         |
| 22   | 92-5821     | 1    | Head-Filter        |
| 23   | 100-4240    | 2    | Fitting-STR        |
| 23:1 | 237-30      | 1    | O-Ring             |
| 23:2 | 237-81      | 1    | O-Ring             |
| 24   | 340-70      | 4    | Nut-Lock           |
| 25   | 3231-27     | 2    | Screw-CARR         |
| 26   | 3234-36     | 1    | Screw-HHF          |
| 27   | 108-7629    | 1    | Tube ASM           |
| 28   | 108-7630    | 1    | Tube ASM           |
| 29   | 340-154     | 2    | Union-Bulkhead     |
| 29:1 | 237-22      | 2    | O-Ring             |
| 30   | 110-8876-01 | 1    | Brace-Column       |
| 31   | 3274-1      | 4    | Screw-HSH          |
| 32   | 3296-33     | 1    | Nut-Lock, NI       |
| 33   | 3256-27     | 1    | Washer-Flat        |



## Steering Tilt Column Assembly No. 106-3622

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 2    | 110-6462    | 1    | Bellows-Rubber       |
| 3    | 110-6463    | 1    | Cylinder Service Kit |
| 3:1  |             | 1    | Cylinder-Gas ●       |
| 3:2  |             | 1    | Block-Pedal ●        |
| 3:3  |             | 2    | Bolt ●               |
| 3:4  |             | 1    | Pin ●                |
| 3:5  |             | 2    | Washer-Lock ●        |
| 4    | 110-6464    | 1    | Pedal Service Kit    |
| 4:1  |             | 1    | Pedal ●              |
| 4:2  |             | 1    | Pin ●                |
| 4:3  |             | 1    | Spring ●             |
| 5    | 110-6465    | 1    | Cover-Pedal          |

● Not serviced separately

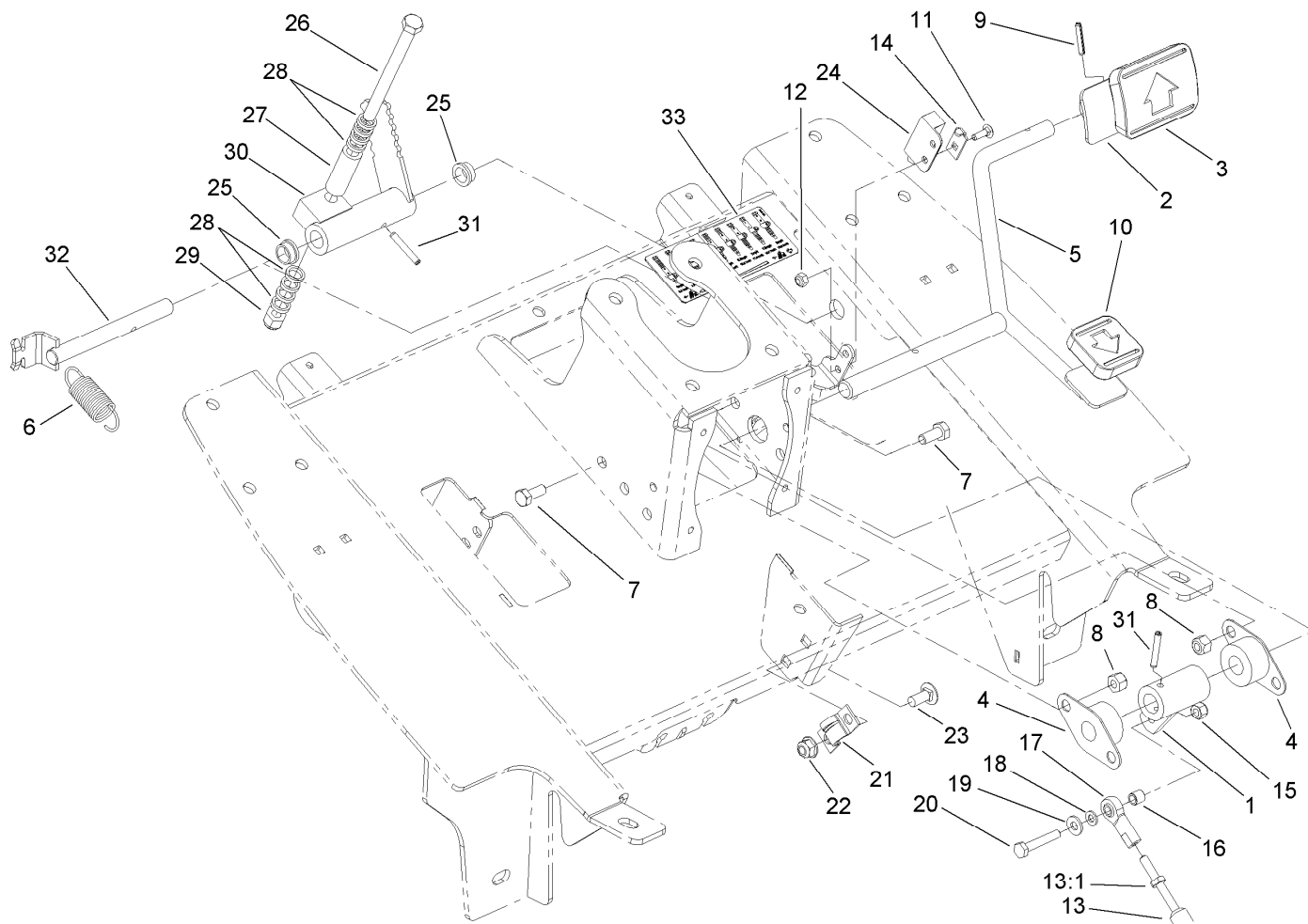


## Steering Valve Assembly No. 106-3621

| 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 ●          |

● Not serviced separately

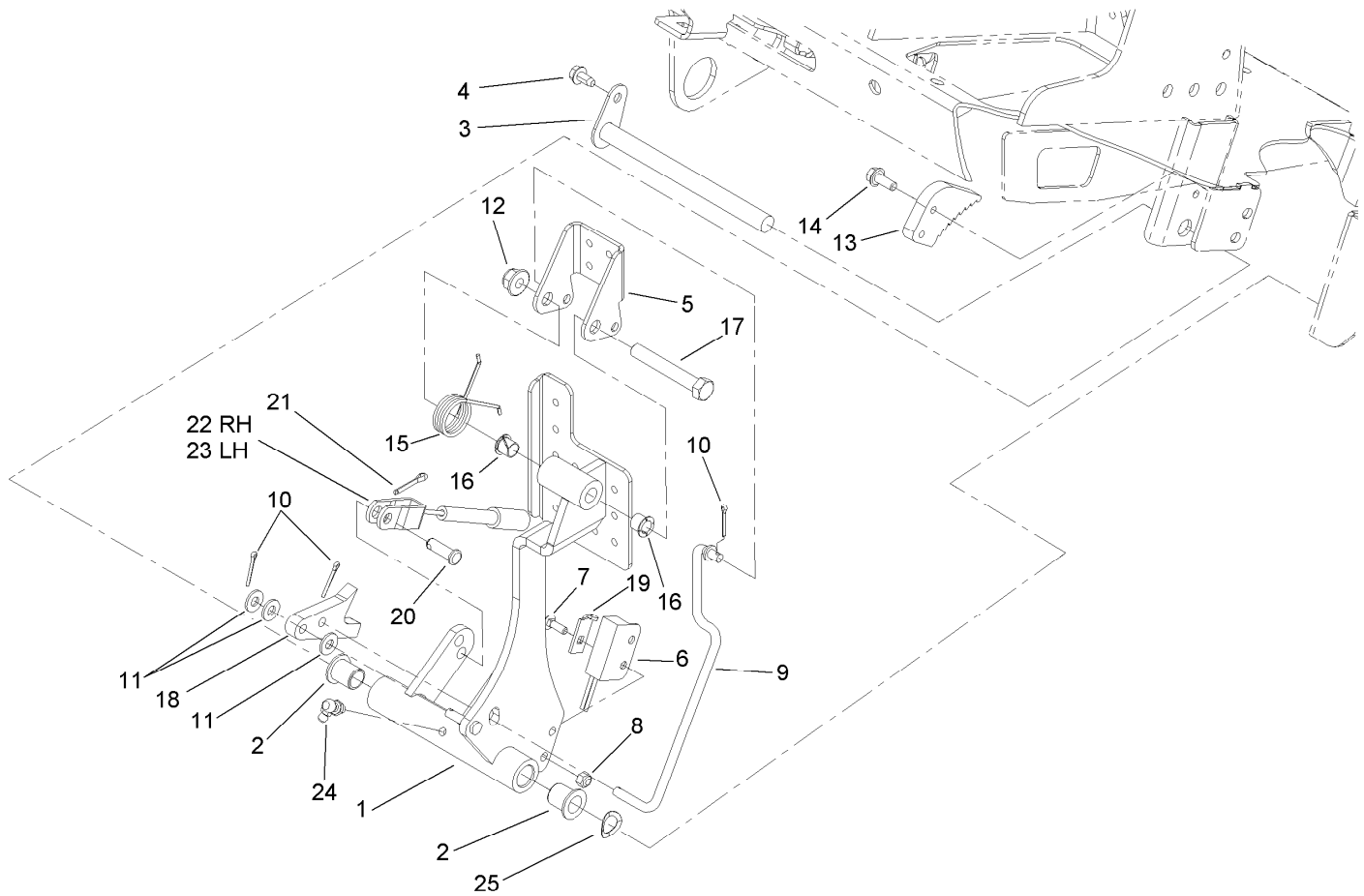




## Traction Pedal Assembly

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 106-3719    | 1    | Hub-Pedal, Traction   |
| 2    | 49-6440-03  | 1    | Pedal-Forward         |
| 3    | 74-9100     | 1    | Pad-Pedal, Forward    |
| 4    | 256-236     | 2    | Bearing-Mount, Flange |
| 5    | 106-3840    | 1    | Pedal-Traction        |
| 6    | 92-7305     | 1    | Spring-Extension      |
| 7    | 322-3       | 4    | Screw-HH              |
| 8    | 3296-29     | 4    | Nut-Lock, NI          |
| 9    | 32121-45    | 1    | Pin-Spring            |
| 10   | 74-9110     | 1    | Pad-Pedal, Reverse    |
| 11   | 3229-34     | 1    | Screw-CARR            |
| 12   | 3296-2      | 1    | Nut-Lock, NI          |
| 13   | 107-2084    | 1    | Traction Cable ASM    |
| 13:1 | 3220-1      | 2    | Nut-Jam               |
| 14   | 100-4872    | 1    | Plate-Switch, Neutral |
| 15   | 3296-42     | 1    | Nut-Lock, NI          |
| 16   | 99-3545     | 1    | Spacer                |
| 17   | 2411-41     | 1    | Rod End-Ball Joint    |

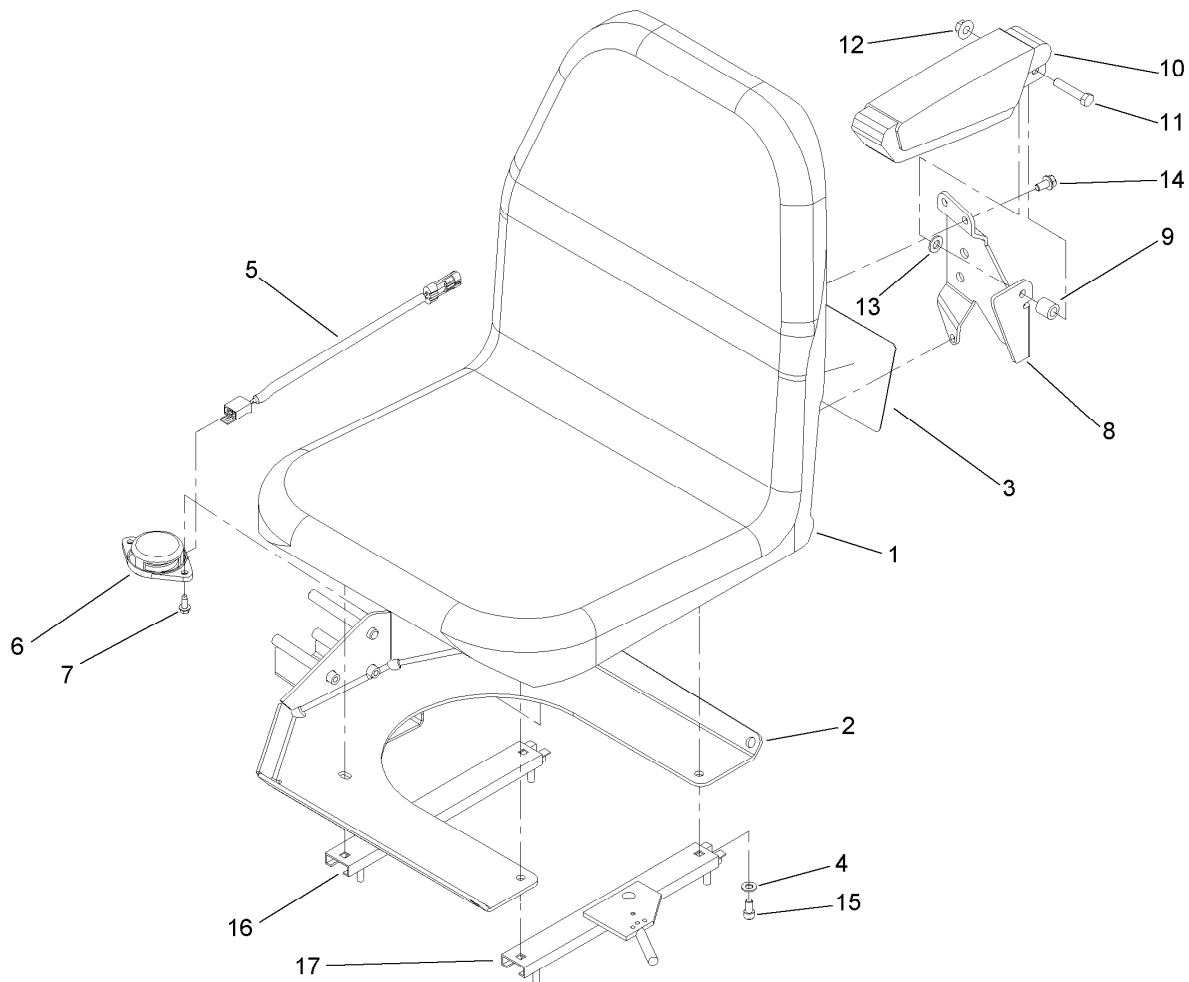
| Ref. | Part Number | Qty. | Description                    |
|------|-------------|------|--------------------------------|
| 18   | 33093-00    | 1    | Washer-Flat                    |
| 19   | 3256-22     | 1    | Washer-Flat                    |
| 20   | 321-9       | 1    | Screw-HH                       |
| 21   | 93-2092     | 1    | Clamp-Cable                    |
| 22   | 104-8300    | 2    | Nut-HF, NI                     |
| 23   | 3230-23     | 2    | Bolt-CARR                      |
| 24   | 104-1414    | 1    | Sensor-Proximity, Ferrous (NC) |
| 25   | 256-156     | 2    | Bushing-Flange                 |
| 26   | 323-17      | 1    | Screw-HH                       |
| 27   | 95-6448     | 1    | Spacer                         |
| 28   | 62-4420     | 8    | Washer                         |
| 29   | 3296-39     | 1    | Nut-Lock, NI                   |
| 30   | 106-3734    | 1    | Stop-Mow                       |
| 31   | 32121-6     | 2    | Pin-Roll, Slotted              |
| 32   | 106-3731    | 1    | Rod-Pivot                      |
| 33   | 110-8921    | 1    | Decal-Speed, Mow               |



## Brake Pedal Assembly

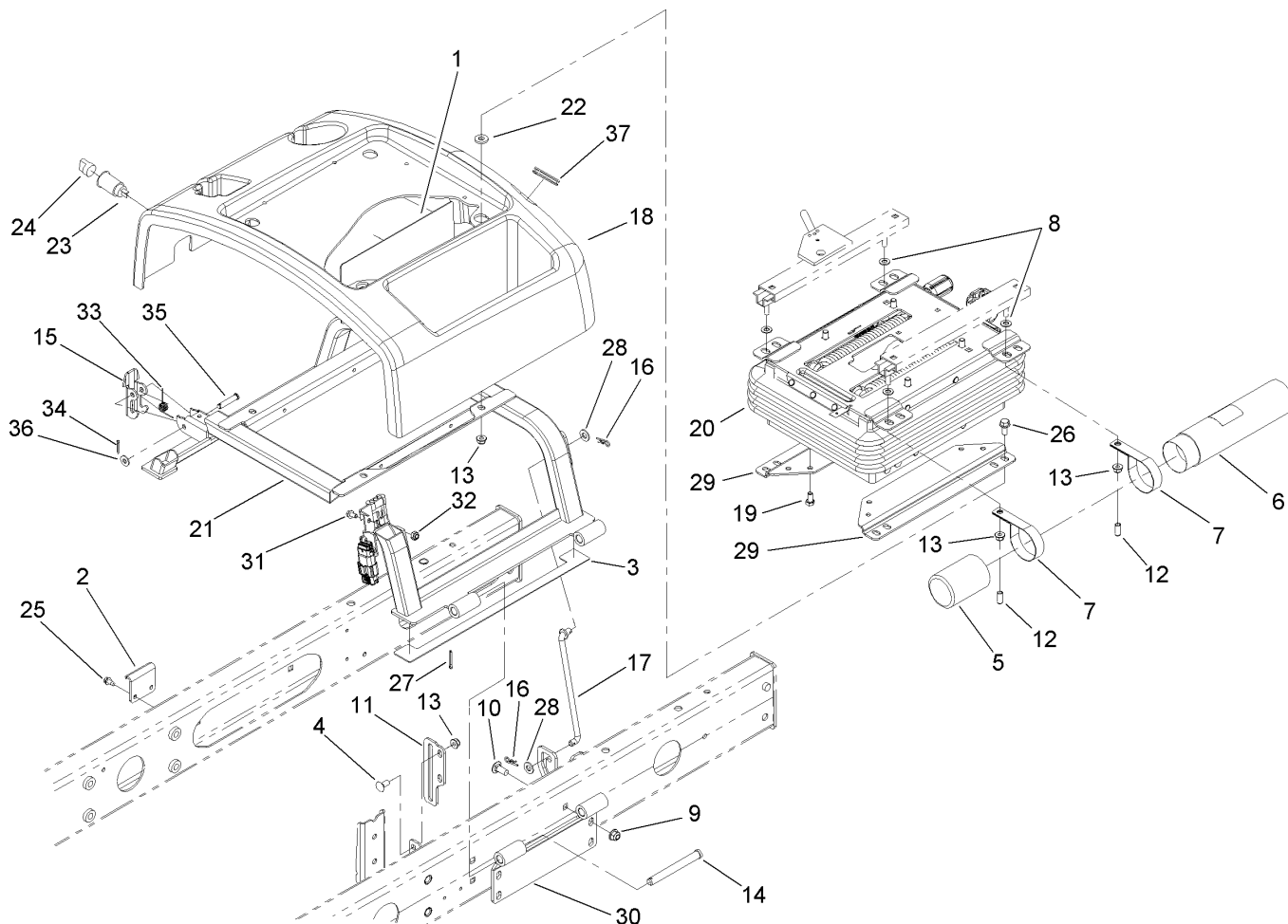
| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 1    | 106-3712-03 | 1    | Pedal-Brake      |
| 2    | 256-155     | 2    | Bushing-Flange   |
| 3    | 104-7179    | 1    | Pivot-Pedal      |
| 4    | 12-3270     | 1    | Screw            |
| 5    | 99-7963-03  | 1    | Pedal-Park       |
| 6    | 100-1270    | 1    | Switch-Proximity |
| 7    | 3229-34     | 1    | Screw-CARR       |
| 8    | 3296-2      | 1    | Nut-Lock, NI     |
| 9    | 110-0914    | 1    | Rod-Pawl, Brake  |
| 10   | 3272-6      | 3    | Pin-Cotter       |
| 11   | 3256-22     | 3    | Washer-Flat      |
| 12   | 104-8301    | 1    | Nut-HF, NI       |
| 13   | 99-7214     | 1    | Pawl-Brake       |

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 14   | 3234-13     | 2    | Screw-HHF              |
| 15   | 99-7140     | 1    | Spring-Torsion         |
| 16   | 52-2891     | 2    | Bushing-Flanged, Nylon |
| 17   | 323-12      | 1    | Screw-HH               |
| 18   | 106-3713    | 1    | Detent                 |
| 19   | 100-4872    | 1    | Plate-Switch, Neutral  |
| 20   | 283-62      | 2    | Pin-Clevis             |
| 21   | 3272-10     | 2    | Pin-Cotter             |
| 22   | 106-3746    | 1    | RH Brake Cable ASM     |
| 23   | 106-3747    | 1    | LH Brake Cable ASM     |
| 24   | 302-60      | 1    | Fitting-Grease         |
| 25   | 110-8982    | 1    | Washer-Spring          |



## Seat and Armrest Assembly

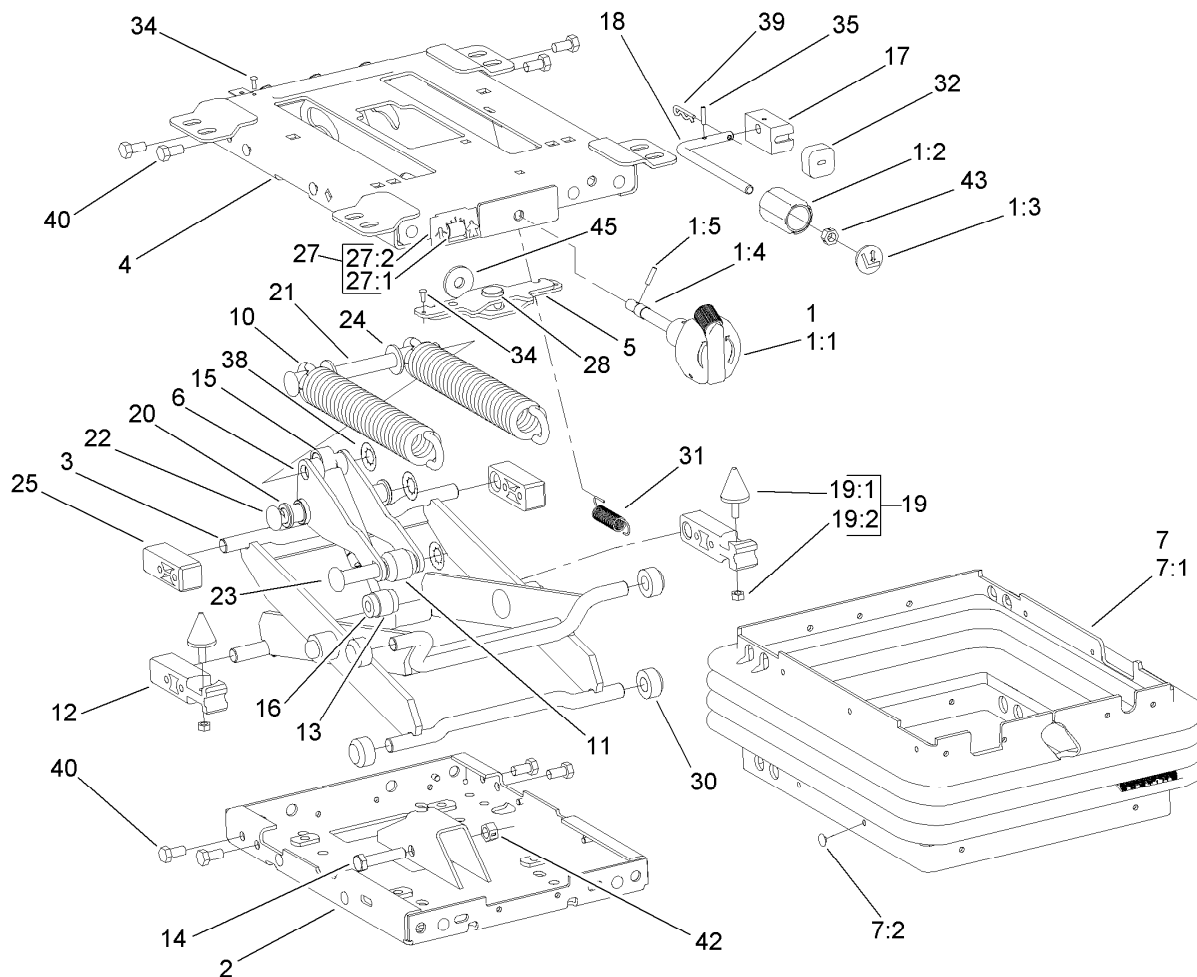
| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    | 104-4620    | 1    | Seat                       |
| 2    | 108-7591-03 | 1    | Mount-Seat / Control       |
| 3    | 110-0990    | 1    | Decal-Service              |
| 4    | 3256-23     | 4    | Washer-Plain               |
| 5    | 108-8657    | 1    | Harness-Wire, Seat         |
| 6    | 92-6282     | 1    | Switch-Seat                |
| 7    | 32144-10    | 2    | Screw-HWH                  |
| 8    | 69-0760     | 1    | Bracket-Arm, LH            |
| 9    | 92-7301     | 1    | Spacer                     |
| 10   | 69-1180     | 1    | Armrest                    |
| 11   | 323-9       | 1    | Screw-HH                   |
| 12   | 32128-19    | 1    | Nut-HF Lock, Large Flg     |
| 13   | 3256-24     | 1    | Washer-Flat                |
| 14   | 3234-14     | 3    | Screw-HHF                  |
| 15   | 3274-12     | 4    | Screw-HSH                  |
| 16   | 92-8990     | 1    | Adjuster-Seat, Non-Locking |
| 17   | 92-8991     | 1    | Adjuster (W/Latch)         |



## Seat Base and Suspension Assembly

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 1    | 110-0996    | 1    | Decal-Solenoid    |
| 2    | 110-8972    | 1    | Hook-Latch        |
| 3    | 110-5255    | 2    | Bumper-Base, Seat |
| 4    | 3230-1      | 2    | Bolt-CARR         |
| 5    | 104-7048    | 1    | Cap-Housing       |
| 6    | 104-7050    | 1    | Tube-Manual       |
| 7    | 2412-133    | 2    | Clamp-R           |
| 8    | 3256-23     | 4    | Washer-Plain      |
| 9    | 104-8301    | 4    | Nut-HF, NI        |
| 10   | 3231-27     | 4    | Screw-CARR        |
| 11   | 108-7584-01 | 1    | Plate-Guide, Rod  |
| 12   | 94-2782     | 4    | Cap-Wire, Lite    |
| 13   | 104-8300    | 10   | Nut-HF, NI        |
| 14   | 93-5343     | 2    | Pin-Clevis        |
| 15   | 110-8971    | 1    | Latch             |
| 16   | 3290-307    | 4    | Pin-Cotter        |
| 17   | 98-0917     | 2    | Rod-Prop          |
| 18   | 108-1757    | 1    | Cover-Seatbase    |
| 19   | 33114-016   | 4    | Screw-HH          |

| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 20   | 110-8851    | 1    | Mechanical Suspension ASM |
| 21   | 108-7577-03 | 1    | Seat Base                 |
| 22   | 71-9310     | 4    | Spacer                    |
| 23   | 99-7411     | 1    | Point-Power               |
| 24   | 99-7416     | 1    | Cap                       |
| 25   | 32104-17    | 2    | Screw-HWH                 |
| 26   | 3234-17     | 4    | Screw-HHF                 |
| 27   | 3272-11     | 2    | Pin-Cotter                |
| 28   | 3256-24     | 4    | Washer-Flat               |
| 29   | 108-6590-03 | 2    | Bracket-Seat, Lower       |
| 30   | 108-7582-03 | 1    | Plate-Pivot               |
| 31   | 3234-13     | 1    | Screw-HHF                 |
| 32   | 3296-16     | 1    | Nut-Lock, NI              |
| 33   | 104-4821    | 1    | Spring-Torsion            |
| 34   | 3272-6      | 1    | Pin-Cotter                |
| 35   | 94-3829     | 1    | Pin-Clevis                |
| 36   | 3256-2      | 1    | Washer-Flat               |
| 37   | 240-12      | 1    | Grommet-Rubber            |

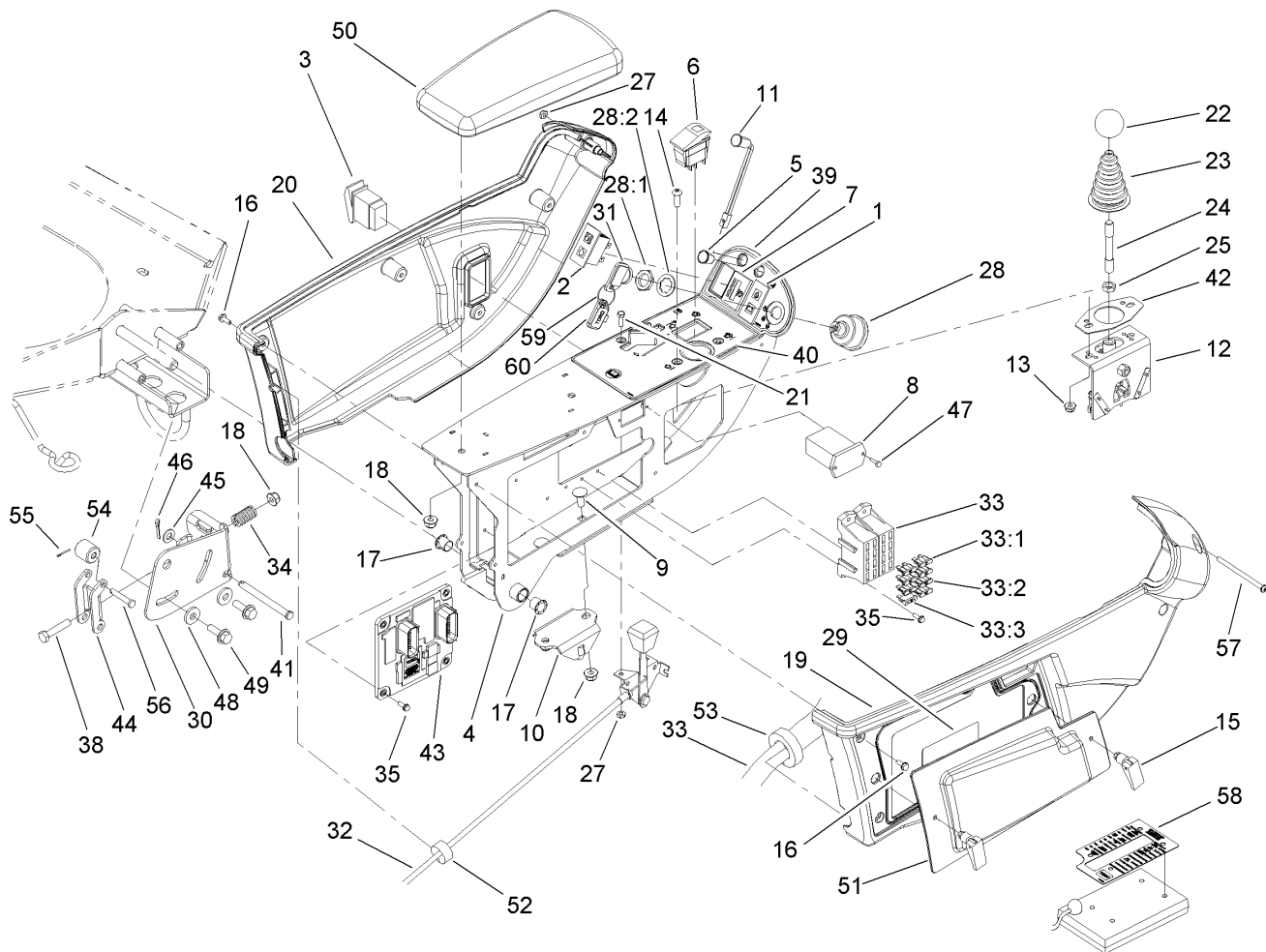


## Mechanical Seat Suspension Assembly No. 110-8851

| Ref. | Part Number | Qty. | Description                        |
|------|-------------|------|------------------------------------|
| 1    | 108-4583    | 1    | Knob Service Kit                   |
| 1:1  |             | 1    | Knob-Weight, Adjust ●              |
| 1:2  |             | 1    | Knob-Adjust, Height ●              |
| 1:3  |             | 1    | Cap-Knob, Height Adjust ●          |
| 1:4  |             | 1    | Spacer-Adjust, Weight ●            |
| 1:5  |             | 1    | Pin-Roll ●                         |
| 2    |             | 1    | Housing-Lower ●                    |
| 3    |             | 1    | Scissors-Compact ●                 |
| 4    |             | 1    | Housing-Upper ●                    |
| 5    |             | 1    | Adjuster-Weight ●                  |
| 6    |             | 1    | Drive Arm ●                        |
| 7    | 112-0164    | 1    | Boot Kit                           |
| 7:1  |             | 1    | Boot-Suspension ●                  |
| 7:2  | 108-9641    | 21   | Clip-Plug                          |
| 10   |             | 2    | Spring-Extension ●                 |
| 11   |             | 1    | Guide-Roller ●                     |
| 12   |             | 2    | Block-Scissors Pivot, Side Mount ● |
| 13   | 108-9614    | 1    | Damper                             |
| 14   |             | 1    | Bolt-Shock, Lower ●                |
| 15   |             | 2    | Bushing-Shock, Upper ●             |
| 16   |             | 2    | Bushing-Shock, Lower ●             |
| 17   |             | 1    | Block-Bumper, Up Stop ●            |
| 18   |             | 1    | Rod-Adjust, Height ●               |

| Ref. | Part Number | Qty. | Description                  |
|------|-------------|------|------------------------------|
| 19   | 108-4585    | 2    | Bumper Service Kit           |
| 19:1 |             | 2    | Bumper-Stop ●                |
| 19:2 |             | 2    | Nut ●                        |
| 20   | 108-9622    | 2    | Tube                         |
| 21   |             | 1    | Shaft-Spring ●               |
| 22   |             | 1    | Pin-Pivot ●                  |
| 23   |             | 1    | Pin-Roller ●                 |
| 24   |             | 2    | Bushing-Spring ●             |
| 25   |             | 2    | Block-Shaft ●                |
| 27   | 108-4584    | 1    | Weight Indicator Service Kit |
| 27:1 |             | 1    | Tape-Weight Adjust ●         |
| 27:2 |             | 1    | Guide-Weight Adjust ●        |
| 28   |             | 1    | Nut-Adjust, Weight ●         |
| 30   | 108-9632    | 4    | Roller                       |
| 31   | 108-9633    | 1    | Spring-Extension             |
| 32   | 108-9634    | 1    | Bumper                       |
| 34   | 3269-16     | 2    | Rivet                        |
| 35   |             | 1    | Pin-Roll ●                   |
| 38   |             | 3    | Retainer ●                   |
| 39   | 3272-9      | 1    | Pin-Cotter                   |
| 40   |             | 8    | Screw-HWHTF ●                |
| 42   | 32152-2     | 1    | Nut-Lock, Cone               |
| 43   | 32152-1     | 1    | Nut-Lock, Cone               |
| 45   | 3256-24     | 1    | Washer-Flat                  |

● Not serviced separately

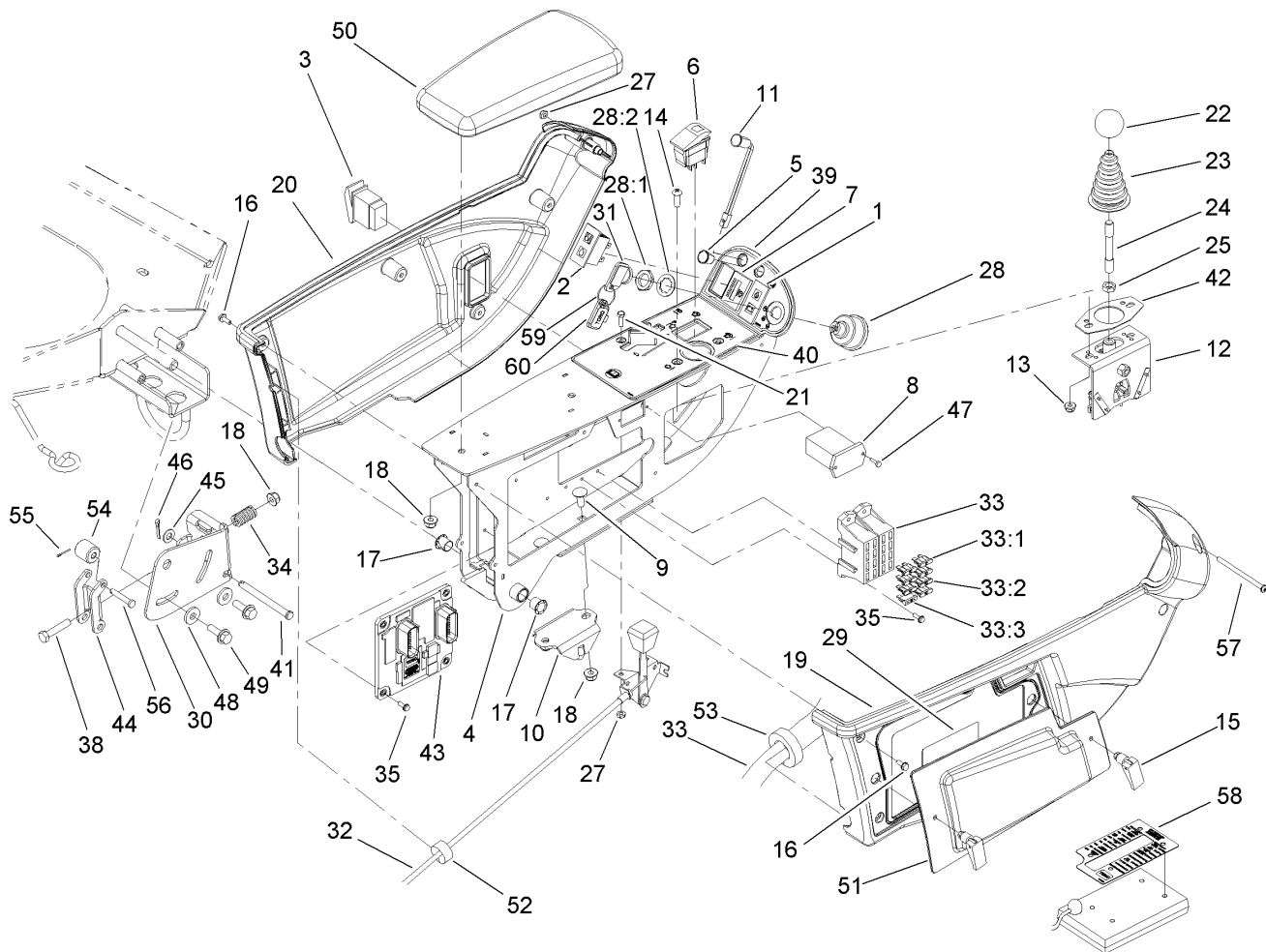


## Console and Control Arm Assembly

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 100-8070    | 1    | Lamp-Warning         |
| 2    | 100-8071    | 1    | Lamp-Warning         |
| 3    | 95-8999     | 1    | Switch               |
| 4    | 108-7599-03 | 1    | Control Arm ASM      |
| 5    | 2410-64     | 1    | Plug-Button          |
| 6    | 105-4232    | 1    | Switch               |
| 7    | 110-0941    | 1    | Gauge-Temperature    |
| 8    | 75-6820     | 1    | Hourmeter            |
| 9    | 3230-23     | 2    | Bolt-CARR            |
| 10   | 110-5340    | 1    | Latch                |
| 11   | 95-7652     | 1    | Light-Indicator      |
| 12   | 106-4167    | 1    | Joystick Bracket ASM |
| 13   | 104-7201    | 2    | Nut-HF, NI           |
| 14   | 3258-166    | 2    | Screw-PRH            |
| 15   | 74-5950     | 2    | Latch-Swell          |
| 16   | 32144-112   | 10   | Screw-HWH            |
| 17   | 256-257     | 2    | Bushing-Nyliner      |
| 18   | 104-8300    | 4    | Nut-HF, NI           |
| 19   | 108-7605    | 1    | Cover-RH             |
| 20   | 108-7604    | 1    | Cover-LH             |
| 21   | 3290-134    | 2    | Screw                |
| 22   | 233-42      | 1    | Knob                 |
| 23   | 93-5961     | 1    | Boot-Lever           |
| 24   | 105-8288    | 1    | Rod-Joystick         |
| 25   | 3218-3      | 1    | Nut-Jam              |

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 27   | 3296-12     | 2    | Nut-Lock, NI               |
| 28   | 104-2541    | 1    | Ignition Switch ASM        |
| 28:1 | 218-461     | 1    | Nut-HH                     |
| 28:2 | 3254-5      | 1    | Washer-Lock                |
| 29   | 110-0989    | 1    | Decal-Fuse                 |
| 30   | 110-5313-03 | 1    | Bracket-Retainer           |
| 31   | 63-8360     | 1    | Key-Ignition               |
| 32   | 110-0913    | 1    | Control-Throttle           |
| 33   | 106-3617    | 1    | Harness-Wire, Seat         |
| 33:1 | 94-6710     | 1    | Fuse-2 Amp                 |
| 33:2 | 218-578     | 6    | Fuse-Blade, 10 Amp         |
| 33:3 | 109355      | 1    | Fuse-Blade, 15 Amp         |
| 33:4 | 85-4650     | 1    | Connector ●                |
| 34   | 110-5331    | 1    | Spring-Compression         |
| 35   | 32144-87    | 9    | Screw-HWHTF                |
| 38   | 322-7       | 1    | Screw-HH                   |
| 39   | 110-0984    | 1    | Decal-Console              |
| 40   | 110-0998    | 1    | Decal-Panel, Control       |
| 41   | 283-88      | 1    | Pin-Clevis                 |
| 42   | 106-4188-03 | 1    | Plate-Boot                 |
| 43   | 110-0650    | 1    | Module-Control, Electronic |
| 44   | 110-5314    | 1    | Latch                      |
| 45   | 3256-23     | 1    | Washer-Plain               |
| 46   | 3272-10     | 1    | Pin-Cotter                 |
| 47   | 32144-18    | 2    | Screw-HWH                  |

● Not illustrated

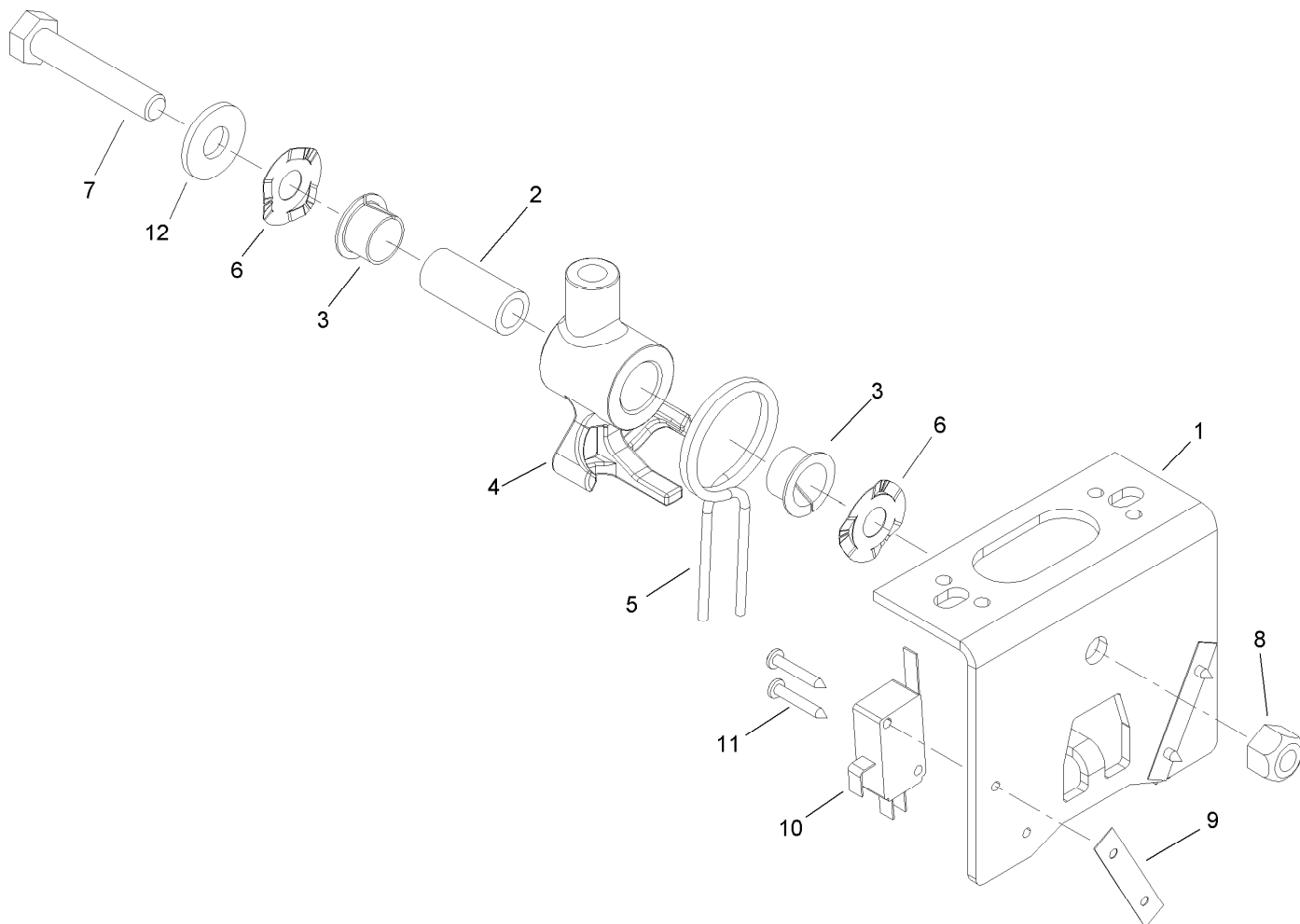


## Console and Control Arm Assembly (continued)

| Ref. | Part Number | Qty. | Description  |
|------|-------------|------|--------------|
| 48   | 4-2390      | 2    | Washer-Flat  |
| 49   | 3234-29     | 2    | Screw-HHF    |
| 50   | 108-7602    | 1    | Rest-Arm     |
| 51   | 108-7616    | 1    | Panel-Access |
| 52   | 110-8911    | 1    | Seal-Foam    |
| 53   | 110-8912    | 1    | Seal-Foam    |
| 54   | 110-8856    | 1    | Spacer       |

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 55   | 3272-1      | 1    | Pin-Cotter          |
| 56   | 283-73      | 1    | Pin-Clevis          |
| 57   | 95-6354     | 1    | Screw               |
| 58   | 110-0666    | 1    | Overlay-Diagnostics |
| 59   | 98-9321     | 1    | Ring-Key            |
| 60   | 99-8970     | 1    | Key-Latch, Hood     |

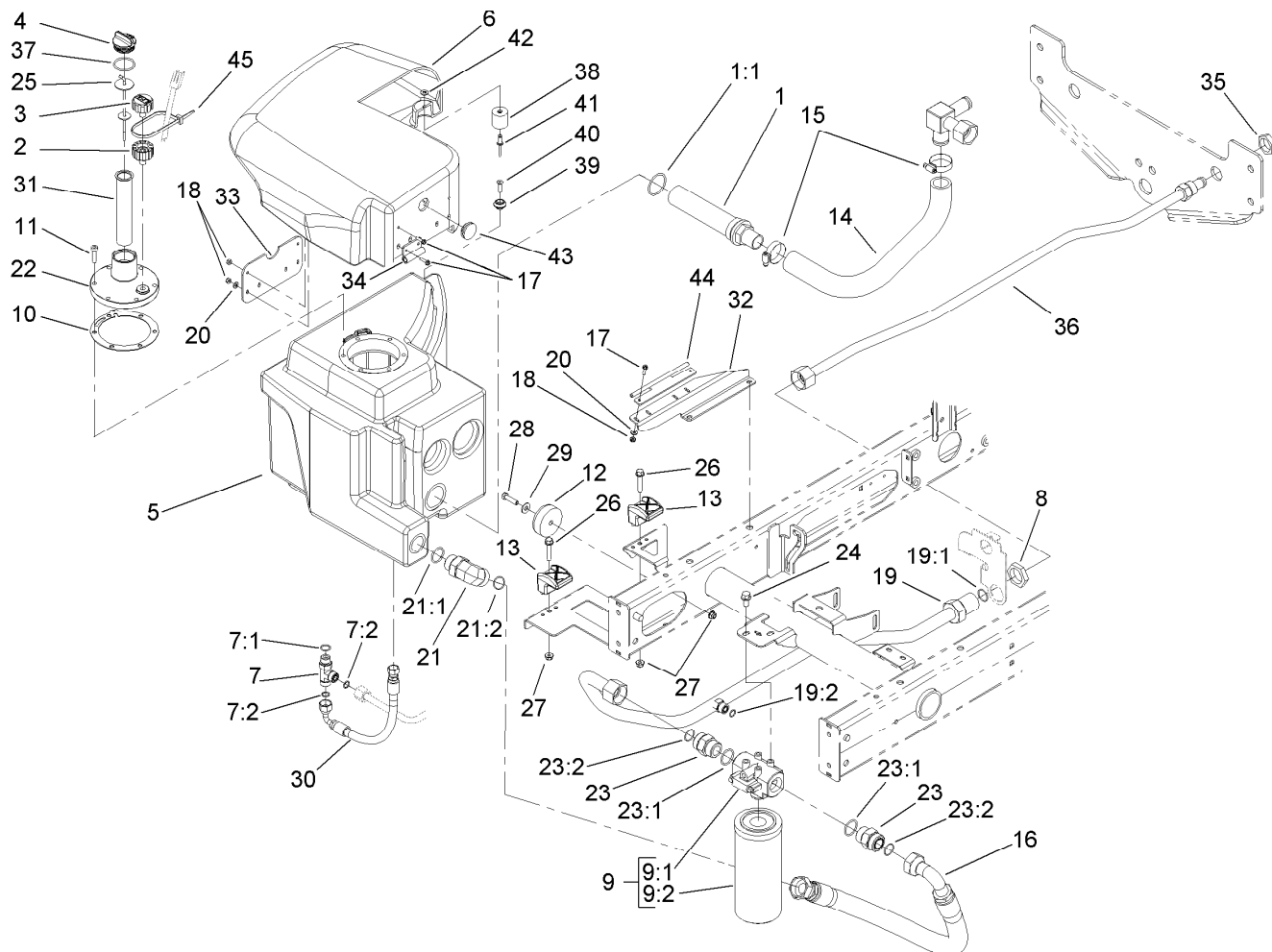
● Not illustrated



## Joystick Bracket Assembly No. 106-4167

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>    |
|-------------|--------------------|-------------|-----------------------|
| 1           | 106-4168-03        | 1           | Bracket-Joystick      |
| 2           | 106-4192           | 1           | Spacer                |
| 3           | 93-5547            | 2           | Bushing-Nylon         |
| 4           | 105-7507           | 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           |





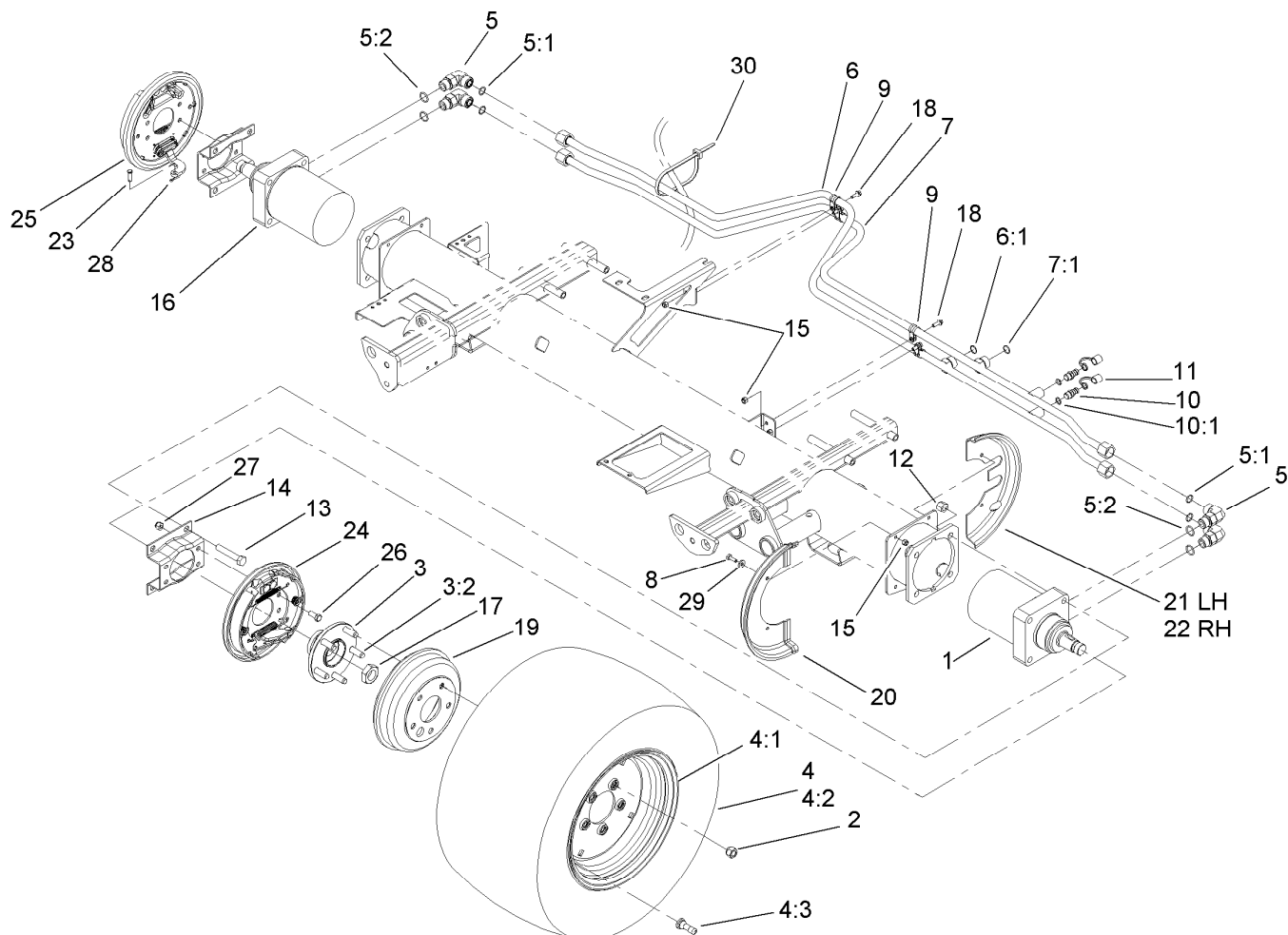
## Hydraulic Tank Assembly

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 105-0131    | 1    | Strainer-Tank, Oil    |
| 1:1  | 340-136     | 1    | O-Ring                |
| 2    | 92-8020     | 1    | Adapter-Breather      |
| 3    | 68-6150     | 1    | Breather              |
| 4    | 93-7498     | 1    | Plug-Plastic          |
| 5    | 107-4513    | 1    | Tank-Oil              |
| 6    | 107-4545    | 1    | Cover-Tank            |
| 7    | 340-109     | 1    | Fitting-Tee           |
| 7:1  | 237-79      | 1    | O-Ring                |
| 7:2  | 237-30      | 2    | O-Ring                |
| 8    | 340-128     | 1    | Nut-Bulkhead          |
| 9    | 98-3923     | 1    | Oil Filter ASM        |
| 9:1  | 104-0080    | 1    | Filter Head ASM       |
| 9:2  | 94-2621     | 1    | Element-Filter        |
| 10   | 94-2660     | 1    | Gasket-Flange         |
| 11   | 94-3559     | 6    | Screw-HSH             |
| 12   | 108-1605    | 1    | Bumper-Recess         |
| 13   | 107-4543    | 2    | Clamp                 |
| 14   | 108-1685    | 1    | Hose-Formed           |
| 15   | 2412-111    | 2    | Clamp-Hose, W/Liner   |
| 16   | 108-1689    | 1    | Hose-HYD              |
| 17   | 32105-13    | 8    | Screw-HWH             |
| 18   | 3296-2      | 8    | Nut-Lock, NI          |
| 19   | 108-1699    | 1    | Tube ASM              |
| 19:1 | 340-65      | 1    | O-Ring                |
| 19:2 | 237-30      | 1    | O-Ring                |
| 20   | 3256-14     | 6    | Washer-Flat           |
| 21   | 340-129     | 1    | Fitting-Elbow, 90 DEG |

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 21:1 | 237-146     | 1    | O-Ring            |
| 21:2 | 340-65      | 1    | O-Ring            |
| 22   | 108-7641    | 1    | Cap-Tank, HYD     |
| 23   | 104-3797    | 2    | Fitting-Straight  |
| 23:1 | 237-146     | 1    | O-Ring            |
| 23:2 | 340-65      | 1    | O-Ring            |
| 24   | 3234-1      | 2    | Screw-HHF         |
| 25   | 94-9411     | 1    | Dipstick          |
| 26   | 94-5780     | 2    | Screw-HWH         |
| 27   | 104-8300    | 3    | Nut-HF, NI        |
| 28   | 322-6       | 1    | Screw-HH          |
| 29   | 3256-3      | 1    | Washer-Flat       |
| 30   | 108-8428    | 1    | HYD Hose ASM      |
| 31   | 61-2790     | 1    | Filter-Screen     |
| 32   | 108-1606-03 | 1    | Bracket-Hinge     |
| 33   | 108-1607-03 | 1    | Plate-Hinge       |
| 34   | 110-8925    | 2    | Hinge ASM         |
| 35   | 340-126     | 1    | Nut-Bulkhead      |
| 36   | 108-1691    | 1    | Tube ASM          |
| 37   | 237-101     | 1    | O-Ring            |
| 38   | 99-7830     | 1    | Receptical-Rubber |
| 39   | 99-7833     | 1    | Post-Holding      |
| 40   | 32108-5     | 1    | Screw-FH          |
| 41   | 3290-412    | 1    | Rivet-Blind       |
| 42   | 3256-22     | 1    | Washer-Flat       |
| 43   | 110-5333    | 1    | Grommet-Plug      |
| 44   | 110-8928    | 1    | Pin ASM           |
| 45   | 3290-378    | 1    | Tie-Cable         |



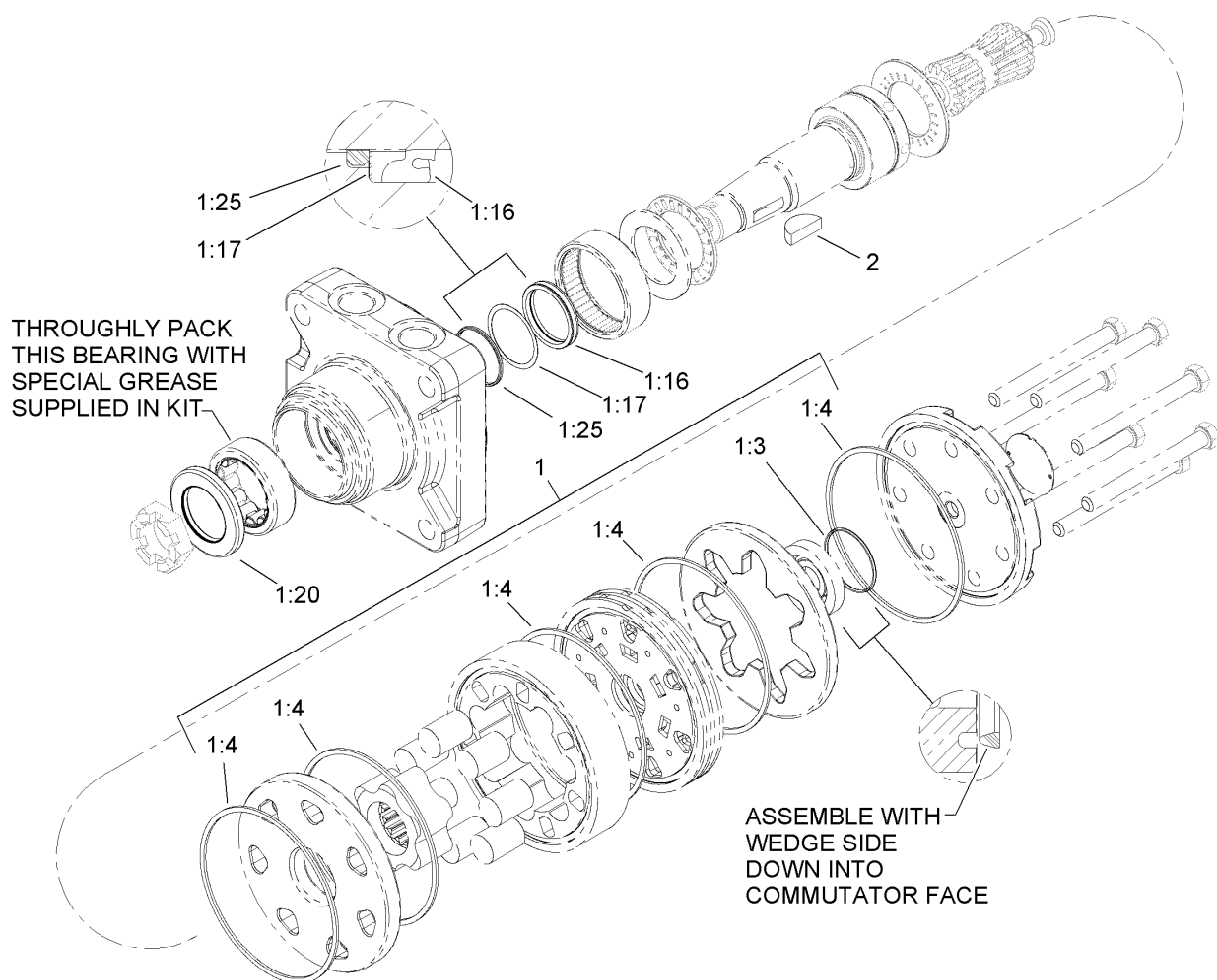
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## Front Wheel, Brake and Hydraulic Motor Assembly

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 106-3874    | 1    | Hydraulic Motor ASM   |
| 2    | 242-50      | 10   | Nut-Lug               |
| 3    | 106-3605    | 2    | Hub ASM               |
| 3:2  | 10-6830     | 5    | Stud-Type, Drive      |
| 4    | 108-1603    | 2    | Wheel And Tire ASM    |
| 4:1  | 106-3842    | 1    | Rim                   |
| 4:2  | 98-2373     | 1    | Tire-Ultra Trac       |
| 4:3  | 232-27      | 1    | Stem-Valve            |
| 5    | 340-17      | 4    | Fitting-Elbow, 90 DEG |
| 5:1  | 237-65      | 1    | O-Ring                |
| 5:2  | 237-80      | 1    | O-Ring                |
| 6    | 108-7632    | 1    | Tube ASM              |
| 6:1  | 237-65      | 1    | O-Ring                |
| 7    | 108-7633    | 1    | Tube ASM              |
| 7:1  | 237-65      | 1    | O-Ring                |
| 8    | 321-4       | 8    | Screw-HH              |
| 9    | 2412-134    | 4    | Clamp-R               |
| 10   | 59-7410     | 2    | Fitting-Diagnostic    |
| 10:1 | 237-42      | 1    | O-Ring                |
| 11   | 354-79      | 2    | Cap-Dust              |

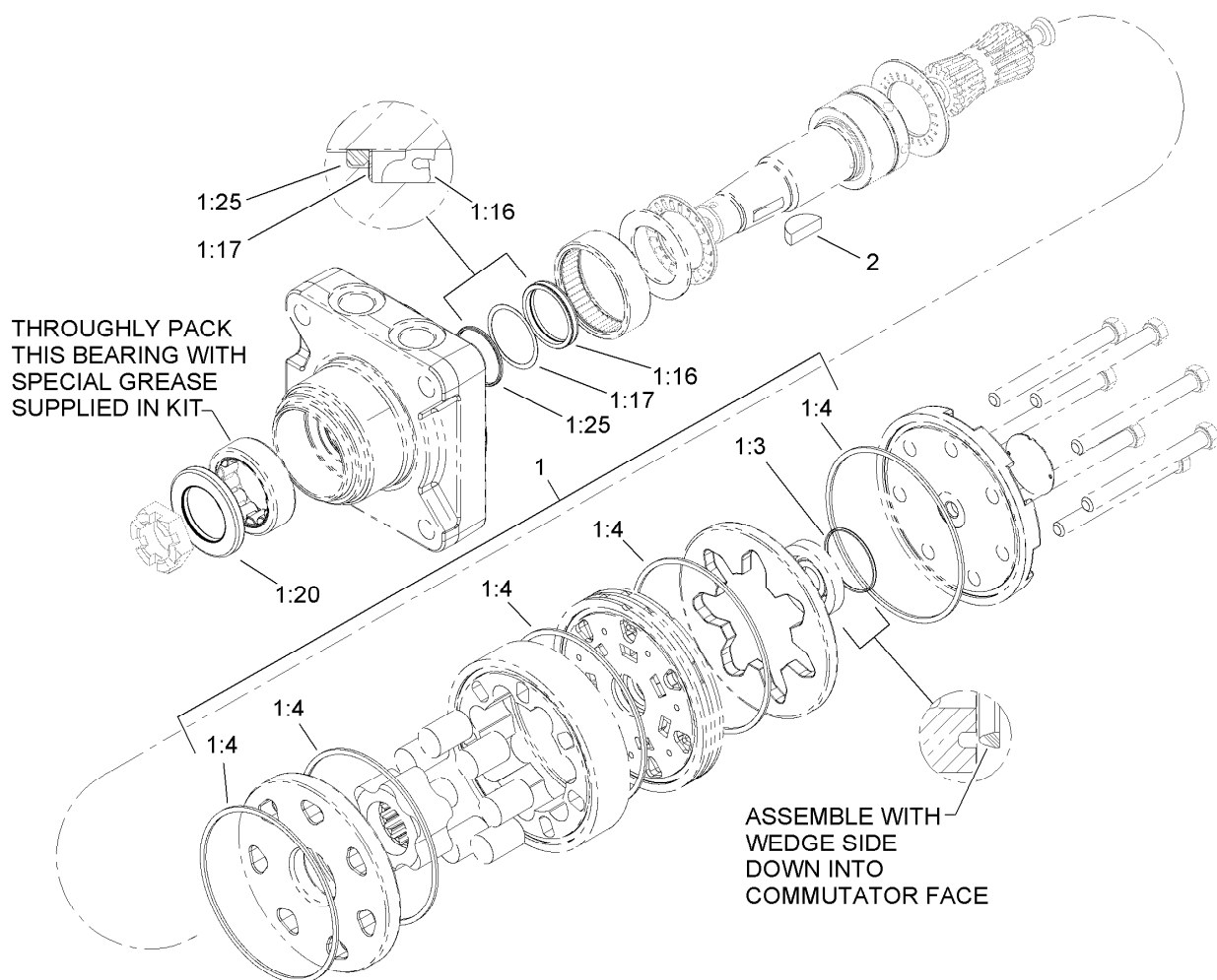
| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 12   | 3296-23     | 8    | Nut-Lock, NI            |
| 13   | 325-11      | 8    | Screw-HH                |
| 14   | 110-5343-03 | 2    | Bracket-Brake           |
| 15   | 3296-42     | 12   | Nut-Lock, NI            |
| 16   | 106-3875    | 1    | Hydraulic Motor ASM     |
| 17   | 26-3790     | 2    | Nut-Lock                |
| 18   | 3234-4      | 4    | Screw-HHF               |
| 19   | 108-6980    | 2    | Drum-Brake, 8 Inch      |
| 20   | 110-0950    | 2    | Shield-Wheel, Front     |
| 21   | 110-0951    | 1    | Shield-Wheel, Rear (LH) |
| 22   | 110-8878    | 1    | Shield-Wheel, Rear (RH) |
| 23   | 283-58      | 2    | Pin-Clevis              |
| 24   | 110-8872    | 1    | LH Brake ASM            |
| 25   | 110-8871    | 1    | RH Brake ASM            |
| 26   | 323-5       | 8    | Screw-HH                |
| 27   | 3296-39     | 8    | Nut-Lock, NI            |
| 28   | 3272-10     | 2    | Pin-Cotter              |
| 29   | 3256-67     | 8    | Washer                  |
| 30   | 3290-378    | 2    | Tie-Cable               |



## Hydraulic Motor Assembly No. 106-3874

| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 1    | 110-8896    | 1    | Seal Kit                  |
| 1:3  |             | 1    | Seal-Commutator, Vespel ● |
| 1:4  |             | 6    | Seal-Body, Buna ●         |
| 1:16 |             | 1    | Seal-Shaft ●              |
| 1:17 |             | 1    | Washer-Back Up ●          |
| 1:20 |             | 1    | Seal-Dirt/Water ●         |
| 1:25 |             | 1    | Ring-Back Up ●            |
| 2    | 3257-42     | 1    | Key-Woodruff              |

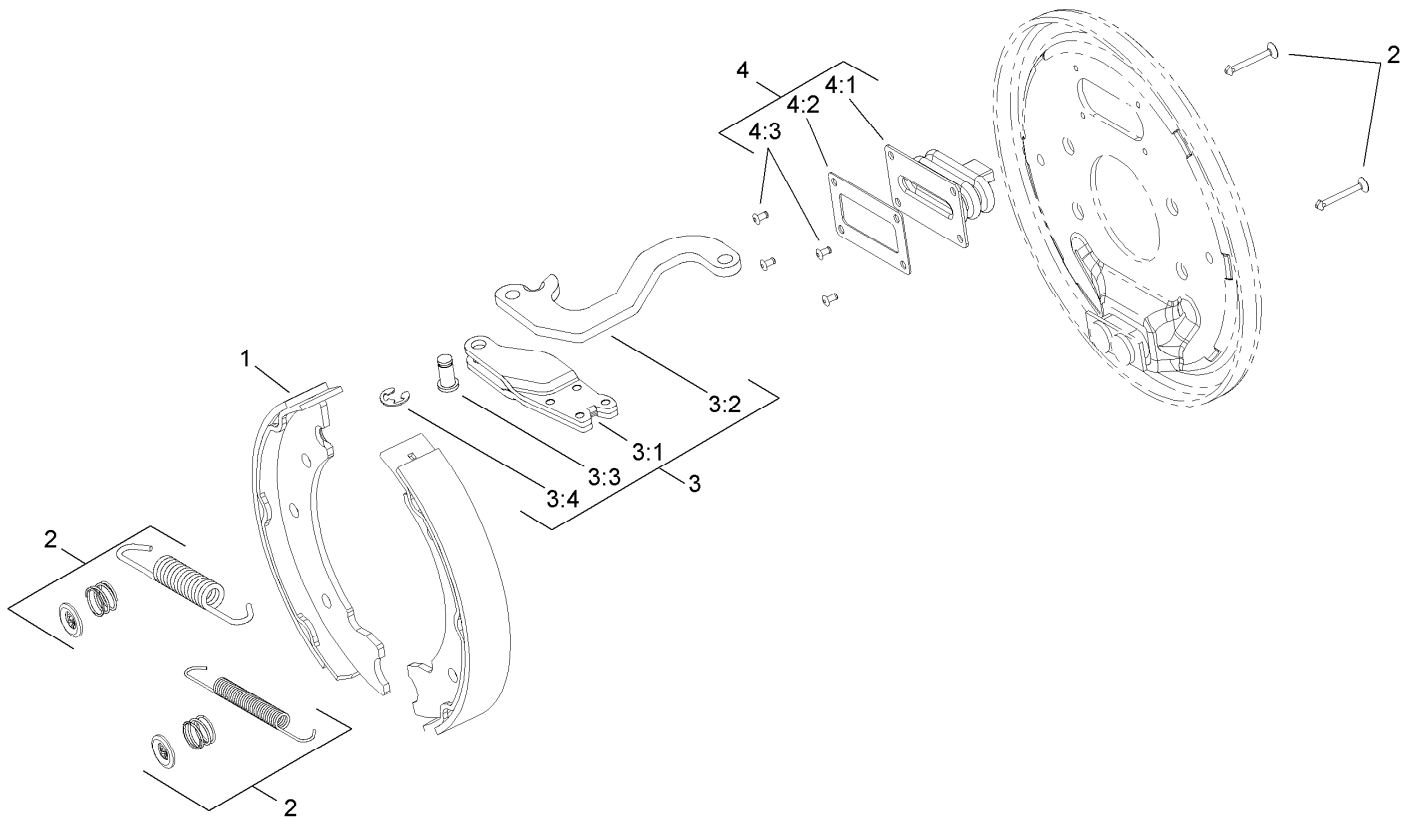
● Not serviced separately



## Hydraulic Motor Assembly No. 106-3875

| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 1    | 110-8896    | 1    | Seal Kit                  |
| 1:3  |             | 1    | Seal-Commutator, Vespel ● |
| 1:4  |             | 6    | Seal-Body, Buna ●         |
| 1:16 |             | 1    | Seal-Shaft ●              |
| 1:17 |             | 1    | Washer-Back Up ●          |
| 1:20 |             | 1    | Seal-Dirt/Water ●         |
| 1:25 |             | 1    | Ring-Back Up ●            |
| 2    | 3257-42     | 1    | Key-Woodruff              |

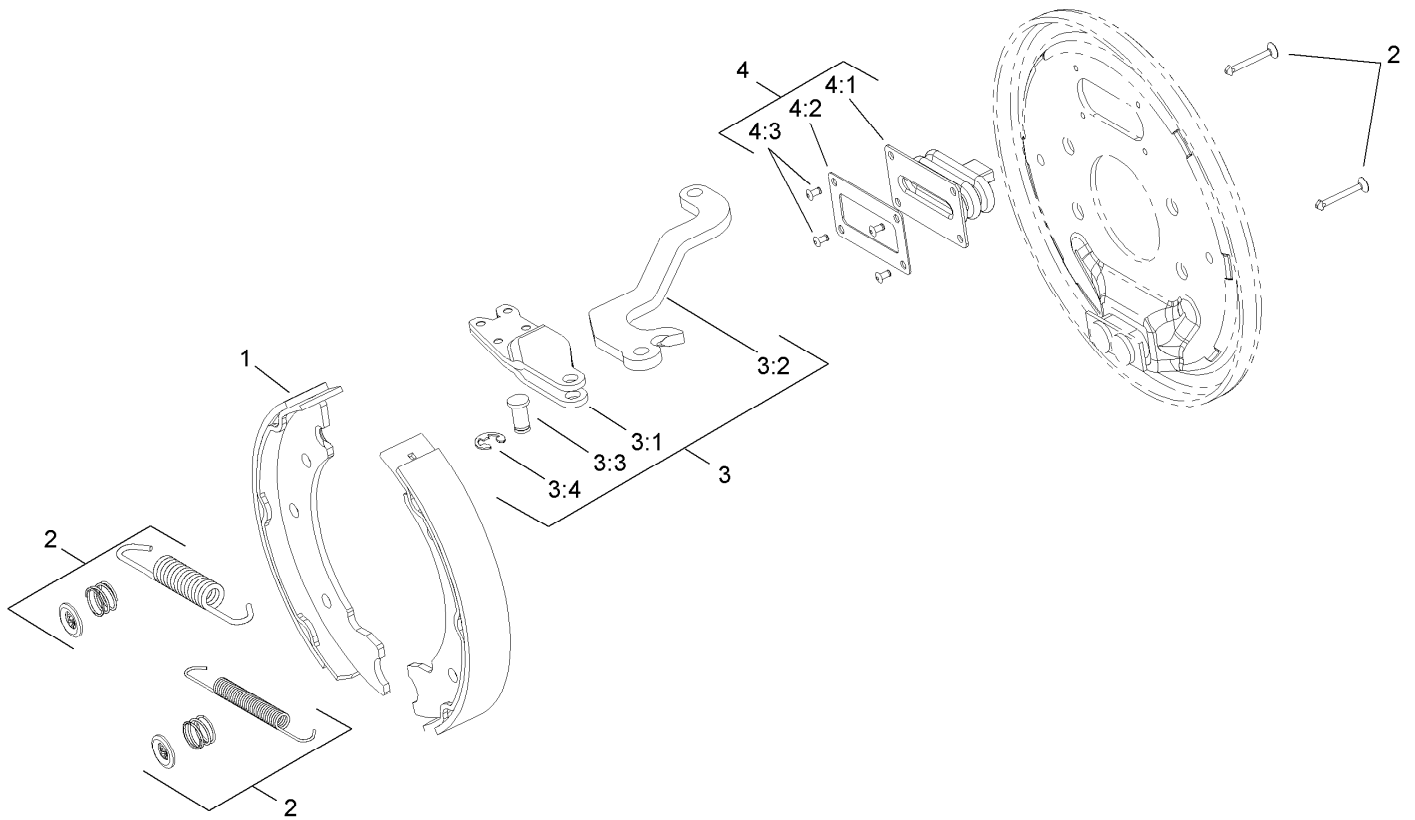
● Not serviced separately



## LH Brake Assembly No. 110-8872

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 108-6981    | 1    | Brake Shoe Kit     |
| 2    | 108-6983    | 1    | Brake Hardware Kit |
| 3    | 110-8910    | 1    | LH Actuator Kit    |
| 3:1  |             | 1    | Housing ●          |
| 3:2  |             | 1    | Lever-LH ●         |
| 3:3  |             | 1    | Pin-Pivot ●        |
| 3:4  |             | 1    | E-Ring ●           |
| 4    | 110-8885    | 1    | Dust Boot Kit      |
| 4:1  |             | 1    | Boot ●             |
| 4:2  |             | 1    | Plate-Back Up ●    |
| 4:3  |             | 2    | Rivet ●            |

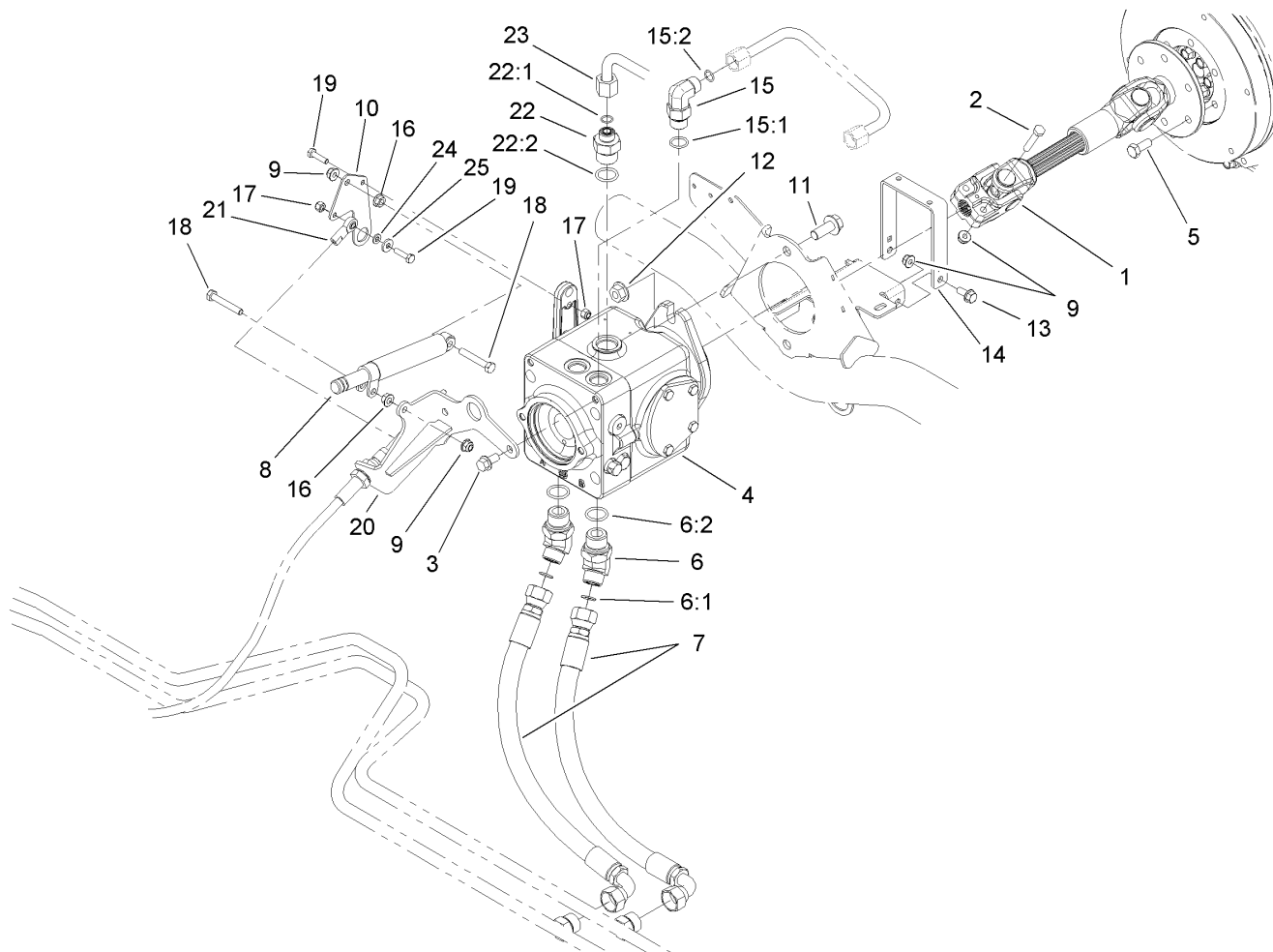
● Not serviced separately



## RH Brake Assembly No. 110-8871

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 108-6981    | 1    | Brake Shoe Kit     |
| 2    | 108-6983    | 1    | Brake Hardware Kit |
| 3    | 110-8884    | 1    | RH Actuator Kit    |
| 3:1  |             | 1    | Housing ●          |
| 3:2  |             | 1    | Lever-RH ●         |
| 3:3  |             | 1    | Pin-Pivot ●        |
| 3:4  |             | 1    | E-Ring ●           |
| 4    | 110-8885    | 1    | Dust Boot Kit      |
| 4:1  |             | 1    | Boot ●             |
| 4:2  |             | 1    | Plate-Back Up ●    |
| 4:3  |             | 2    | Rivet ●            |

● Not serviced separately

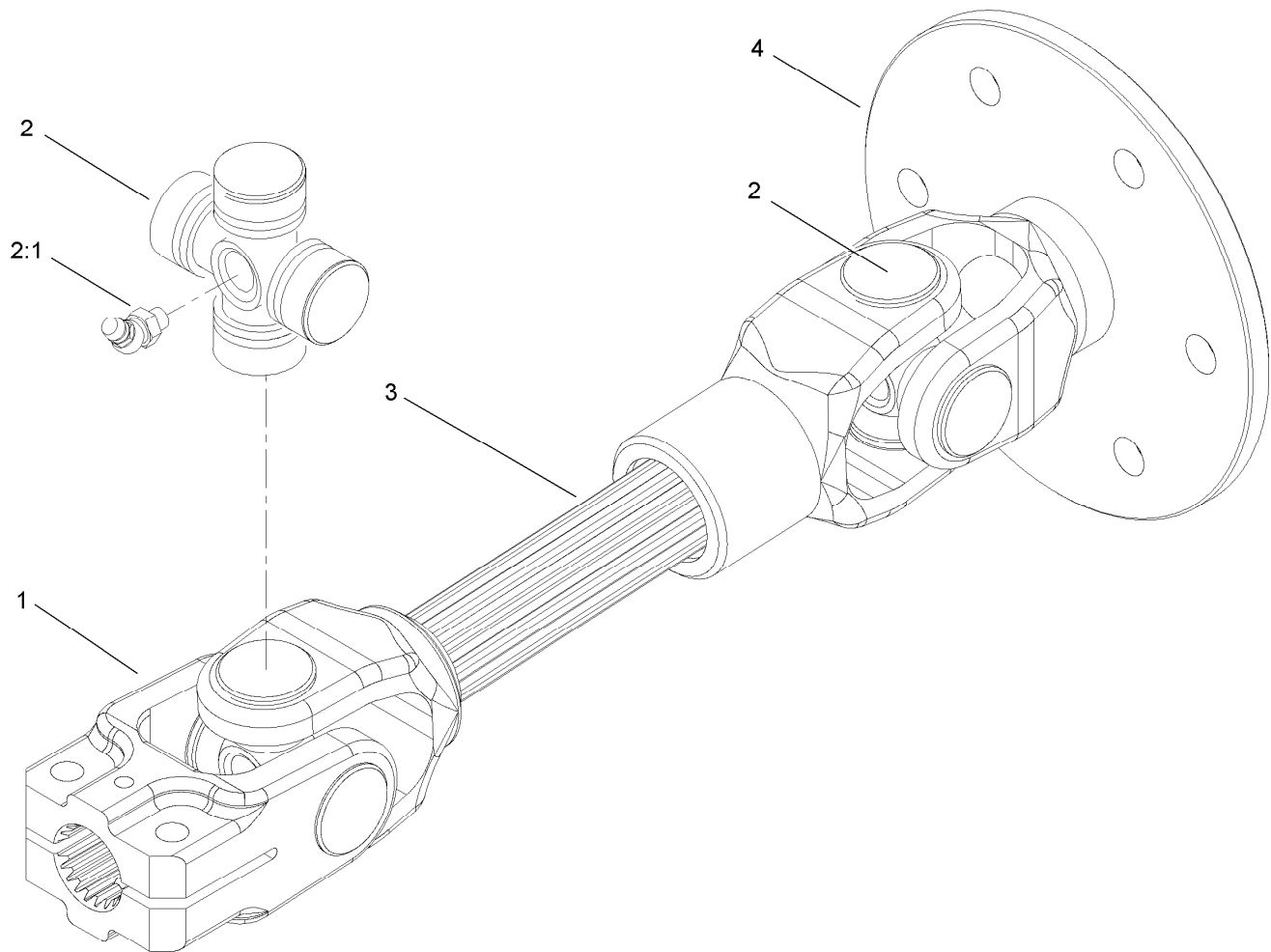


## Driveshaft and Variable Pump Hydraulic Fitting Assembly

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 1    | 108-1641    | 1    | Driveshaft ASM    |
| 2    | 322-9       | 2    | Screw-HH          |
| 3    | 3234-1      | 2    | Screw-HHF         |
| 4    | 107-4470    | 1    | Variable Pump ASM |
| 5    | 43-0090     | 6    | Screw-HH          |
| 6    | 340-156     | 2    | Fitting-Elbow 45  |
| 6:1  | 237-65      | 1    | O-Ring            |
| 6:2  | 237-81      | 1    | O-Ring            |
| 7    | 108-1679    | 2    | Hose-HYD          |
| 8    | 76-8870     | 1    | Damper-Lever      |
| 9    | 104-8300    | 6    | Nut-HF, NI        |
| 10   | 108-7639-03 | 1    | Plate             |
| 11   | 3234-32     | 2    | Screw-HHF         |
| 12   | 32128-49    | 2    | Nut-HHF           |
| 13   | 3234-5      | 2    | Screw-HHF         |
| 14   | 108-1799-03 | 1    | Hoop-Guard        |

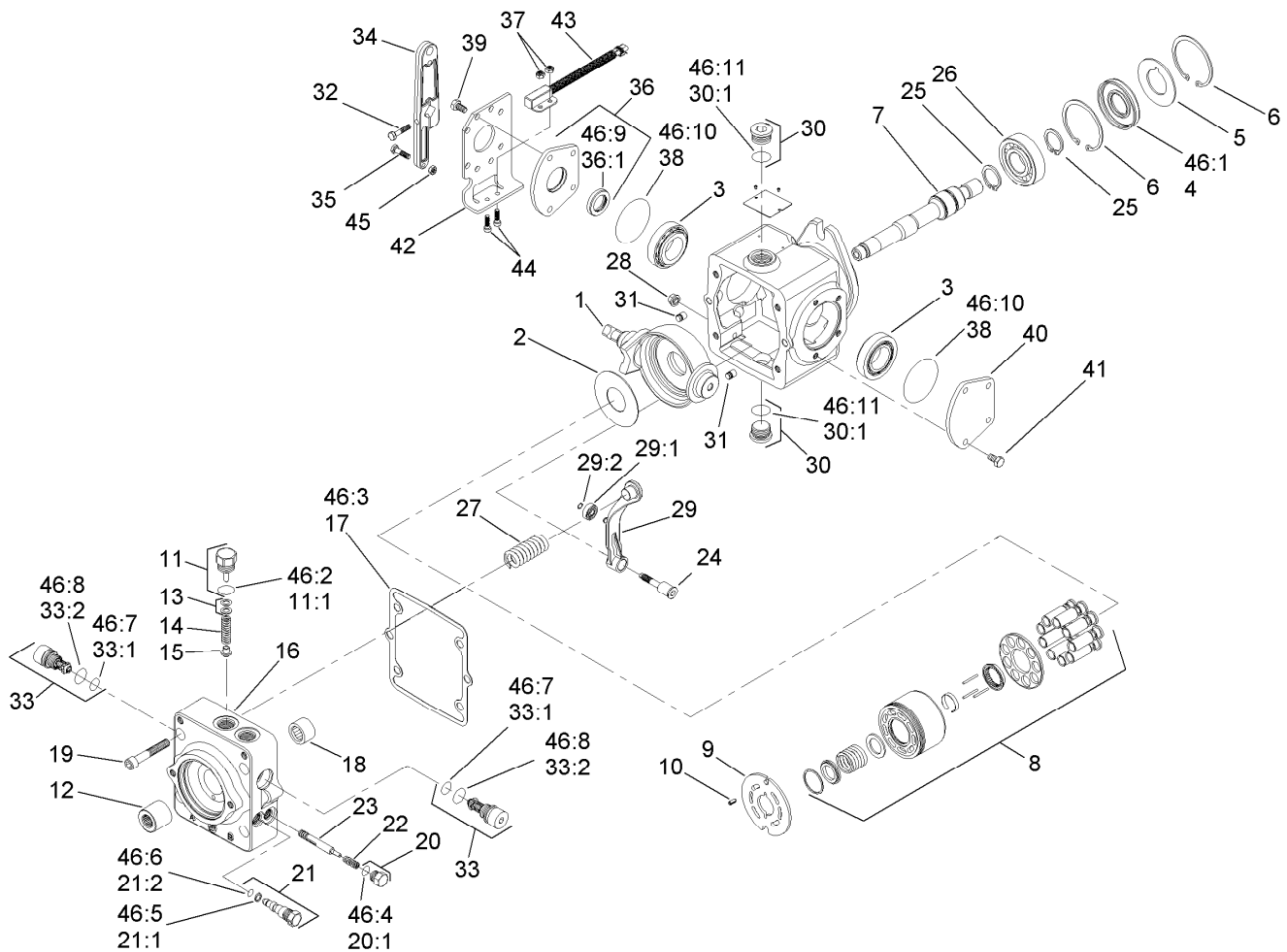
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 15   | 340-105     | 1    | Fitting-Elbow, 90 DEG |
| 15:1 | 237-80      | 1    | O-Ring                |
| 15:2 | 237-30      | 1    | O-Ring                |
| 16   | 32128-20    | 2    | Nut-HF                |
| 17   | 3296-42     | 2    | Nut-Lock, NI          |
| 18   | 322-10      | 2    | Screw-HH              |
| 19   | 321-6       | 2    | Screw-HH              |
| 20   | 110-5323-03 | 1    | Bracket               |
| 21   | 2411-41     | 1    | Rod End-Ball Joint    |
| 22   | 100-4240    | 1    | Fitting-STR           |
| 22:1 | 237-30      | 1    | O-Ring                |
| 22:2 | 237-81      | 1    | O-Ring                |
| 23   | 110-8915    | 1    | HYD Tube ASM          |
| 24   | 33093-00    | 1    | Washer-Flat           |
| 25   | 3256-22     | 1    | Washer-Flat           |





## Driveshaft Assembly No. 108-1641

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>  |
|-------------|--------------------|-------------|---------------------|
| 1           | 54-9040            | 1           | Yoke-End            |
| 2           | 54-9180            | 2           | U-Joint Kit         |
| 2:1         | 62-3820            | 1           | Fitting-Grease      |
| 3           | 108-4574           | 1           | Joint And Shaft ASM |
| 4           | 108-4575           | 1           | Joint And Yoke ASM  |

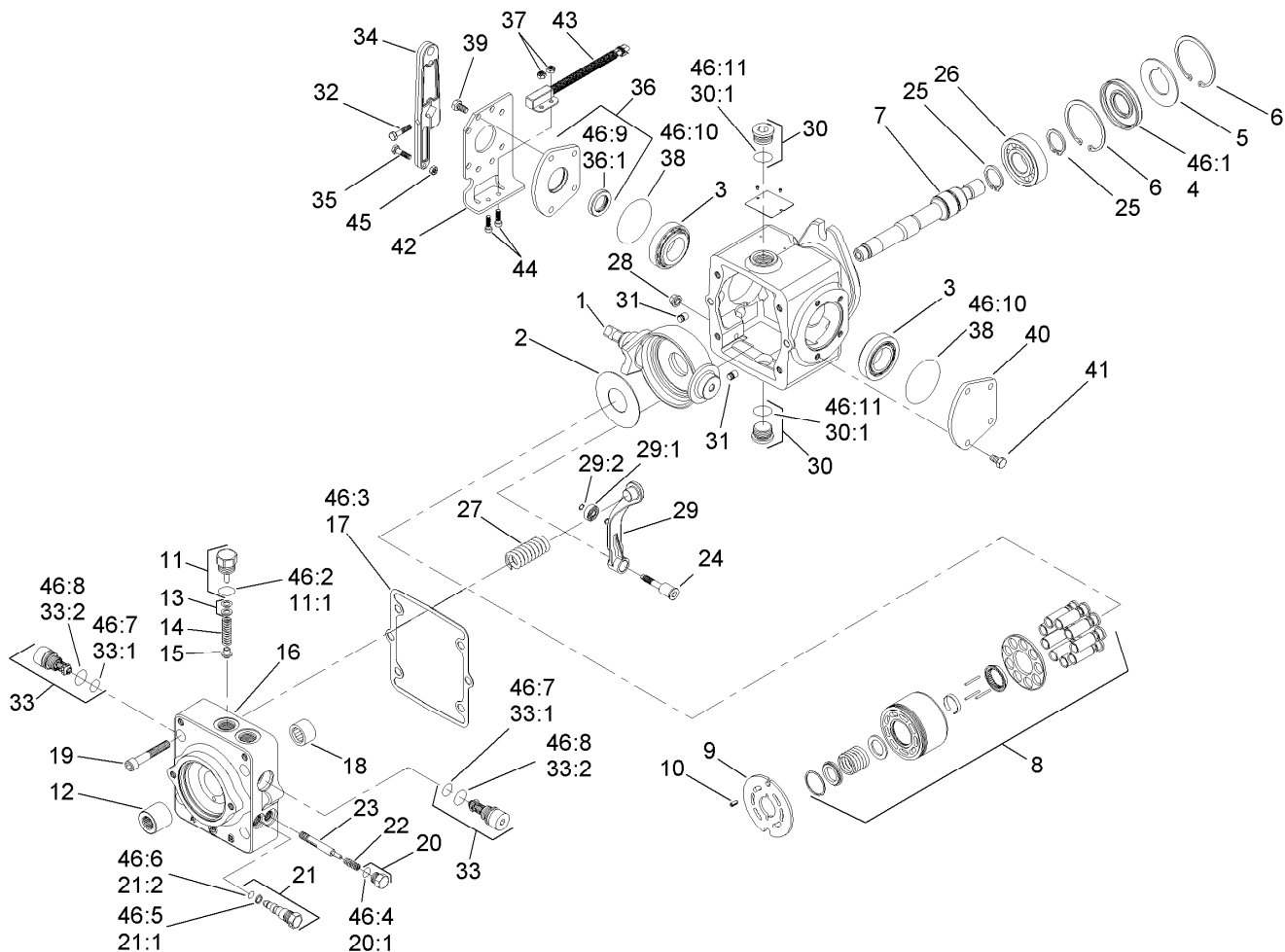


## Variable Pump Assembly No. 107-4470

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    | 110-6482    | 1    | Swashplate              |
| 2    | 75-0400     | 1    | Plate-Thrust            |
| 3    | 110-6483    | 2    | Bearing Kit             |
| 4    | 110-6471    | 1    | Seal-Lip                |
| 5    | 95-4400     | 1    | Washer-Backup           |
| 6    | 69-3200     | 2    | Ring-Retaining          |
| 7    | 110-6484    | 1    | Shaft-Auxiliary         |
| 8    | 110-6472    | 1    | Cylinder Block Kit ASM  |
| 9    | 110-6473    | 1    | Plate-Valve (Clockwise) |
| 10   | 110-6485    | 1    | Pin-Slotted             |
| 11   | 110-6486    | 1    | Plug-Relief, Charge     |
| 11:1 | 28-3570     | 1    | O-Ring                  |
| 12   | 110-6480    | 1    | Coupling                |
| 13   | 92-1353     | 1    | Shim Kit                |
| 14   | 110-6474    | 1    | Spring                  |
| 15   | 110-6475    | 1    | Poppet                  |
| 16   | 110-6487    | 1    | Cap-End                 |
| 17   | 110-6476    | 1    | Gasket-Cap, End         |
| 18   | 75-0500     | 1    | Bearing-Needle          |
| 19   | 110-6489    | 4    | Screw                   |
| 20   | 94-9415     | 2    | Plug ASM                |
| 20:1 |             | 1    | O-Ring ●                |
| 21   | 107-4364    | 1    | Bypass Valve ASM        |
| 21:1 | 25-2630     | 1    | Ring-Back Up            |
| 21:2 | 110-6498    | 1    | O-Ring                  |

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 22   | 110-6491    | 2    | Spring                 |
| 23   | 110-6492    | 1    | Spool-Loop, Flush      |
| 24   | 110-6493    | 1    | Pivot-Return, Neutral  |
| 25   | 69-3170     | 2    | Ring-Retaining         |
| 26   | 75-0460     | 1    | Bearing-Ball           |
| 27   | 110-6495    | 1    | Spring-Return, Neutral |
| 28   | 110-6496    | 1    | Nut-Seal               |
| 29   | 110-6497    | 1    | Neutral Return Arm ASM |
| 29:1 | 110-6494    | 1    | Bearing-Cam            |
| 29:2 | 110-3056    | 1    | Ring-Retaining         |
| 30   | 69-3130     | 2    | Plug                   |
| 30:1 |             | 1    | O-Ring ●               |
| 31   | 112-0158    | 2    | Pin                    |
| 32   | 112-0157    | 1    | Screw                  |
| 33   | 110-6477    | 2    | Valve-Relief           |
| 33:1 | 75-0240     | 1    | O-Ring                 |
| 33:2 | 84-0560     | 1    | O-Ring                 |
| 34   | 112-0156    | 1    | Arm-Control            |
| 35   | 112-0155    | 1    | Screw                  |
| 36   | 110-6499    | 1    | Trunnion Cover ASM     |
| 36:1 | 110-6478    | 1    | Seal-Lip               |
| 37   | 94-3936     | 2    | Nut-Lock, Hex          |
| 38   | 84-0430     | 2    | O-Ring                 |
| 39   | 112-0150    | 4    | Screw                  |
| 40   | 84-0440     | 1    | Cover-Trunnion         |

● Not serviced separately

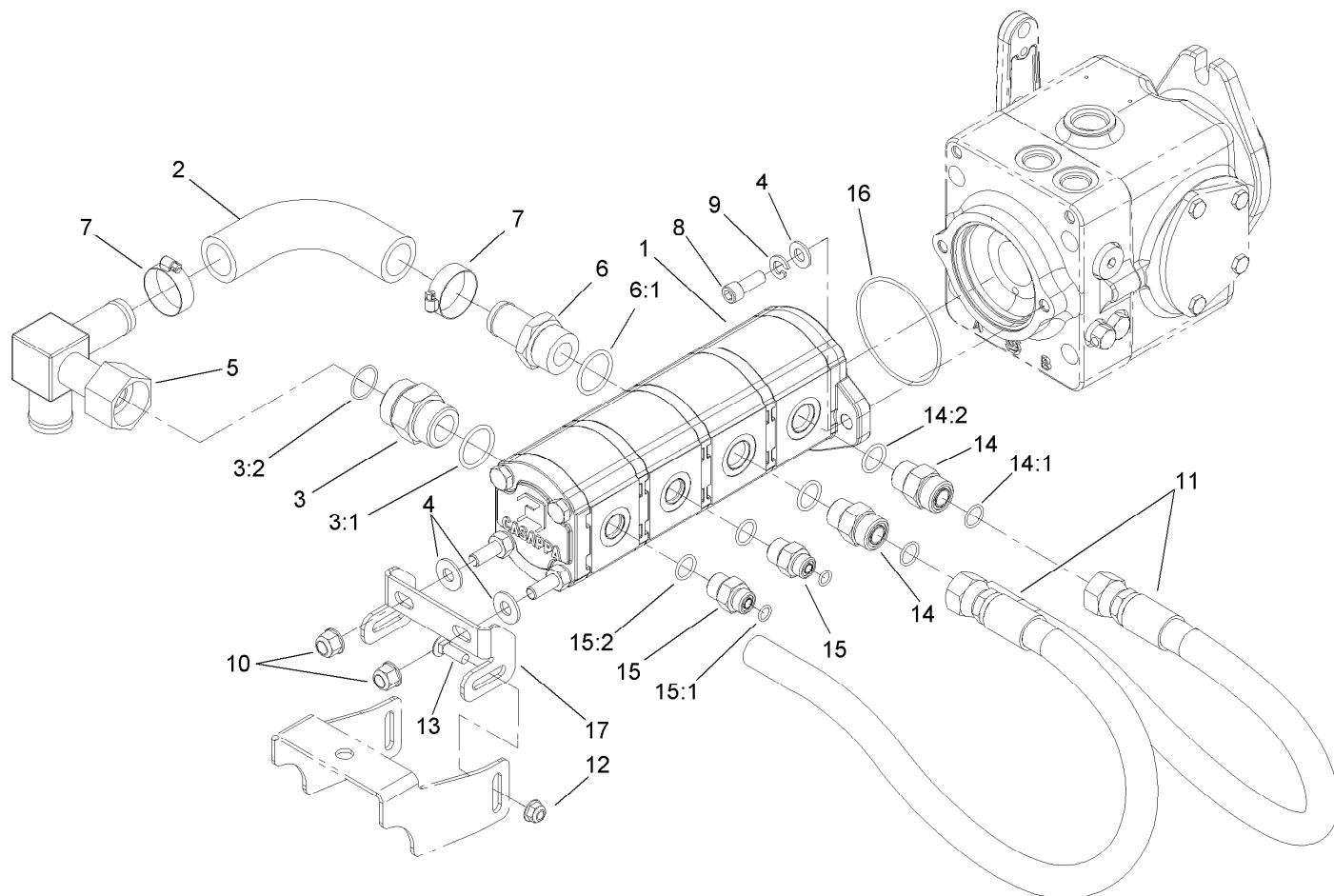


## Variable Pump Assembly No. 107-4470 (continued)

| Ref. | Part Number | Qty. | Description                   |
|------|-------------|------|-------------------------------|
| 41   | 112-0151    | 4    | Screw                         |
| 42   | 112-0152    | 1    | Bracket-Switch, Neutral Start |
| 43   | 100-1270    | 1    | Switch-Proximity              |
| 44   | 112-0153    | 2    | Screw                         |
| 45   | 112-0154    | 1    | Nut-Lock                      |
| 46   | 110-6481    | 1    | Seal Kit                      |
| 46:1 | 110-6471    | 1    | Seal-Lip                      |
| 46:2 | 28-3570     | 1    | O-Ring                        |

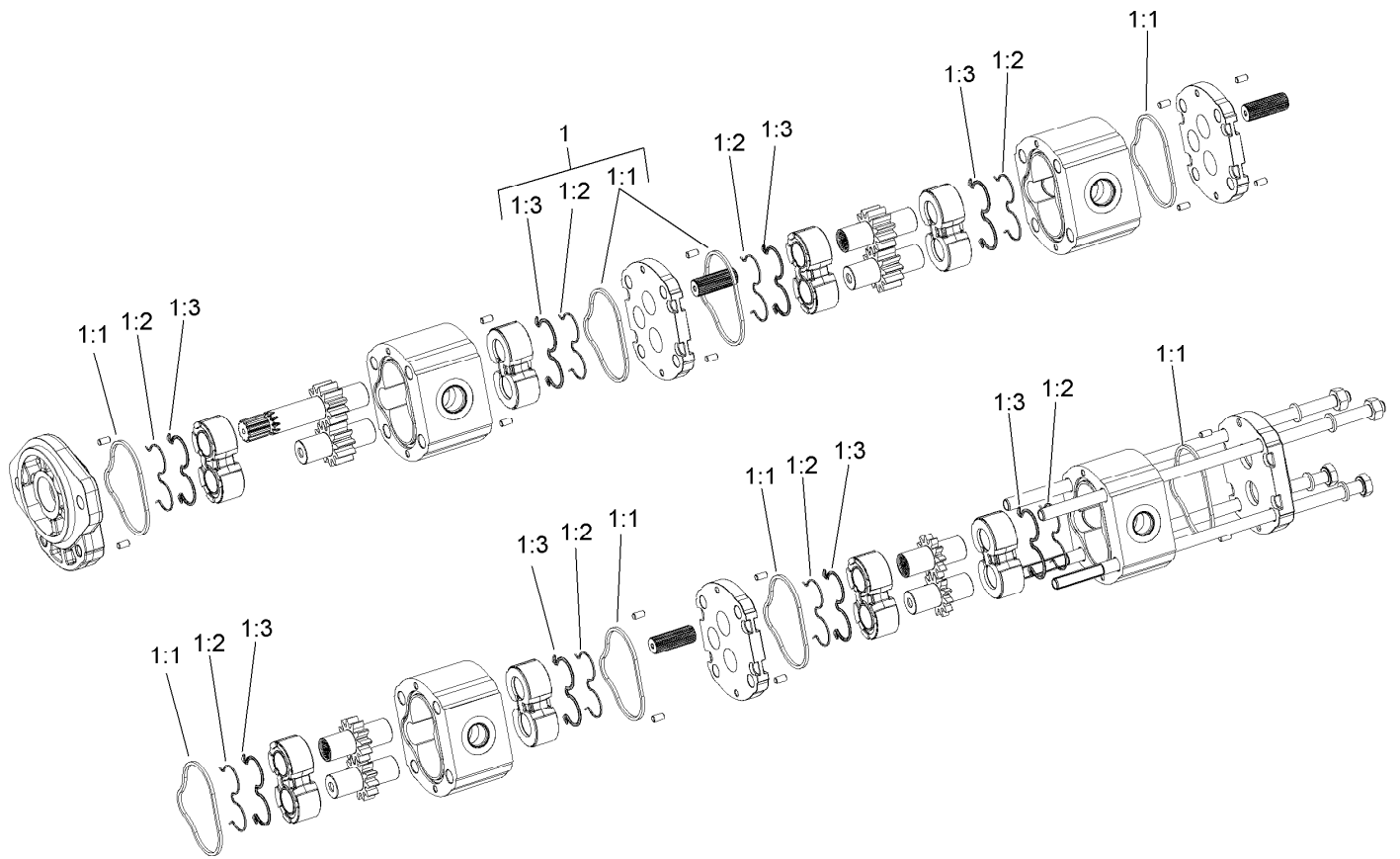
| Ref.  | Part Number | Qty. | Description     |
|-------|-------------|------|-----------------|
| 46:3  | 110-6476    | 1    | Gasket-Cap, End |
| 46:4  |             | 1    | O-Ring ●        |
| 46:5  | 25-2630     | 1    | Ring-Back Up    |
| 46:6  | 110-6498    | 1    | O-Ring          |
| 46:7  | 75-0240     | 2    | O-Ring          |
| 46:8  | 84-0560     | 2    | O-Ring          |
| 46:9  | 110-6478    | 1    | Seal-Lip        |
| 46:10 | 84-0430     | 2    | O-Ring          |
| 46:11 |             | 2    | O-Ring ●        |

● Not serviced separately



## Gear Pump Hydraulic Plumbing Assembly

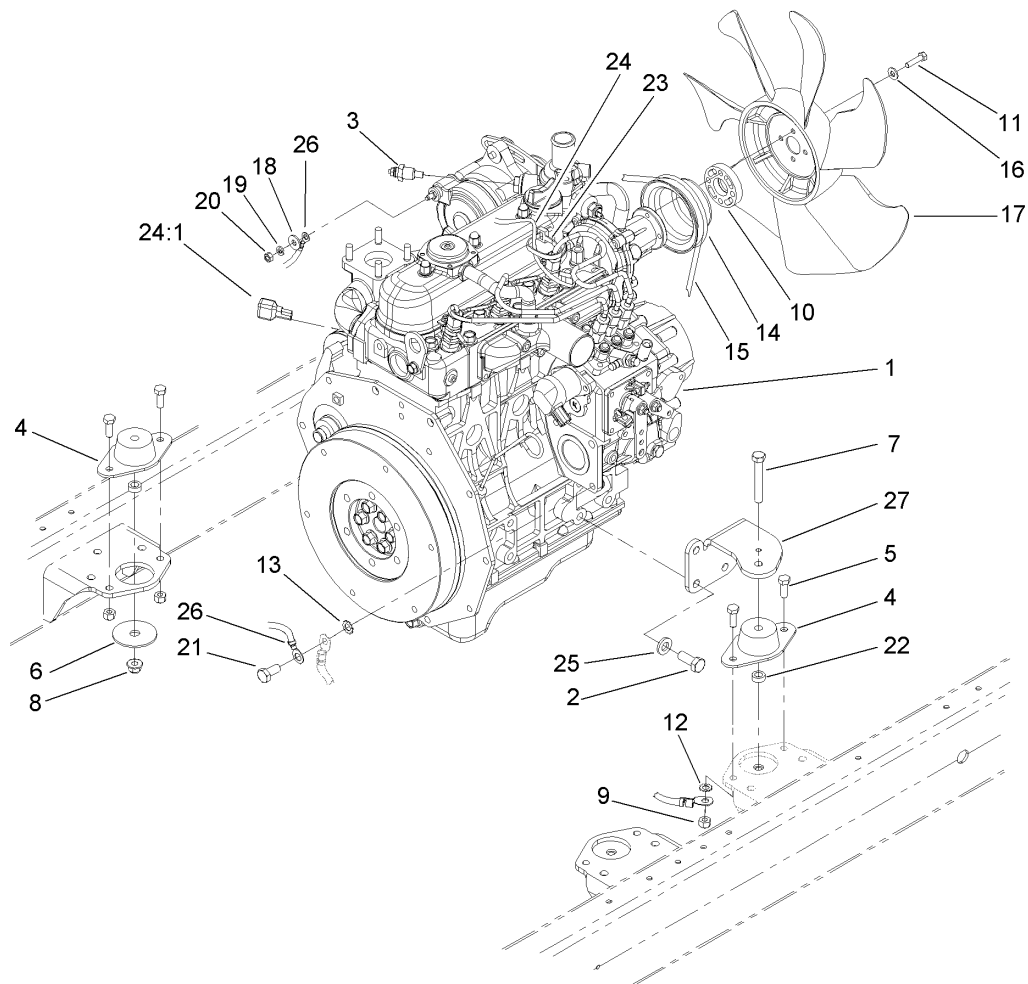
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 107-4547    | 1    | Gear Pump ASM         |
| 2    | 108-1683    | 1    | Hose-Formed           |
| 3    | 104-3797    | 1    | Fitting-Straight      |
| 3:1  | 237-146     | 1    | O-Ring                |
| 3:2  | 340-65      | 1    | O-Ring                |
| 4    | 3256-24     | 4    | Washer-Flat           |
| 5    | 108-1672    | 1    | Manifold-Tube         |
| 6    | 354-78      | 1    | Fitting-STR           |
| 6:1  | 237-146     | 1    | O-Ring                |
| 7    | 2412-34     | 2    | Clamp-Hose            |
| 8    | 3274-1      | 2    | Screw-HSH             |
| 9    | 3253-5      | 2    | Washer-Lock           |
| 10   | 103-9511    | 2    | Nut-Lock, NI          |
| 11   | 108-1686    | 2    | Hose-HYD              |
| 12   | 104-8300    | 2    | Nut-HF, NI            |
| 13   | 3230-1      | 2    | Bolt-CARR             |
| 14   | 340-7       | 2    | Fitting-Straight      |
| 14:1 | 237-65      | 1    | O-Ring                |
| 14:2 | 237-80      | 1    | O-Ring                |
| 15   | 340-3       | 2    | Fitting-Straight      |
| 15:1 | 237-22      | 1    | O-Ring                |
| 15:2 | 237-79      | 1    | O-Ring                |
| 16   | 237-161     | 1    | O-Ring                |
| 17   | 108-1801-01 | 1    | Bracket-Support, Pump |



## Gear Pump Assembly No. 107-4547

| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 1    | 108-4595    | 1    | Seal Kit       |
| 1:1  |             | 8    | Seal ●         |
| 1:2  |             | 8    | Seal ●         |
| 1:3  |             | 8    | Ring-Back Up ● |

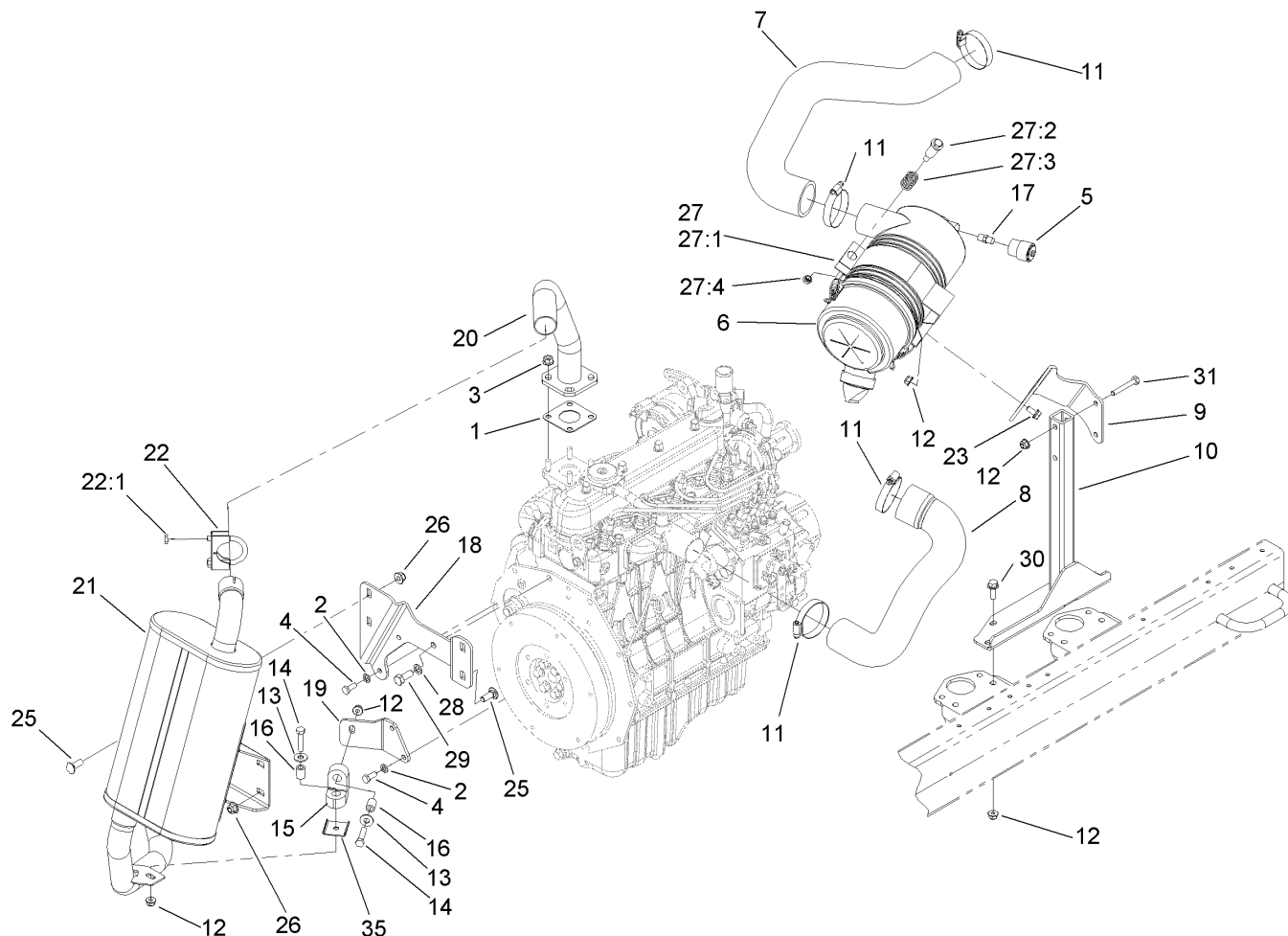
● Not serviced separately



## Engine Mounting and Electrical Assembly

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 107-4542    | 1    | Engine ASM         |
| 2    | 43-0090     | 12   | Screw-HH           |
| 3    | 98-9346     | 1    | Sender-Temperature |
| 4    | 83-1030     | 4    | Mount-Engine       |
| 5    | 322-4       | 8    | Screw-HH           |
| 6    | 87-5100     | 4    | Washer-Snubbing    |
| 7    | 323-12      | 4    | Screw-HH           |
| 8    | 104-8301    | 4    | Nut-HF, NI         |
| 9    | 3296-29     | 8    | Nut-Lock, NI       |
| 10   | 104-4247    | 1    | Spacer-Fan         |
| 11   | 33113-025   | 4    | Screw-HH           |
| 12   | 3255-8      | 1    | Washer-Lock        |
| 13   | 3255-9      | 1    | Washer-Lock        |
| 14   | 110-0972    | 1    | Pulley             |

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 15   | 98-9676     | 1    | V-Belt                     |
| 16   | 3256-22     | 4    | Washer-Flat                |
| 17   | 110-0966    | 1    | Fan-Cooling                |
| 18   | 3256-78     | 1    | Washer-Flat                |
| 19   | 43-5930     | 1    | Washer-Lock, Spring        |
| 20   | 48-7890     | 1    | Nut-Hex                    |
| 21   | 63-7790     | 1    | Screw-Cap                  |
| 22   | 83-1050     | 4    | Spacer                     |
| 23   | 3290-378    | 1    | Tie-Cable                  |
| 24   | 106-3615    | 1    | Harness-Wire, Engine       |
| 24:1 | 100-4918    | 1    | Diode                      |
| 25   | 48-9590     | 12   | Washer-Lock                |
| 26   | 99-3441     | 1    | Harness-Wire, Fusible Link |
| 27   | 107-4496-03 | 4    | Bracket-Engine             |

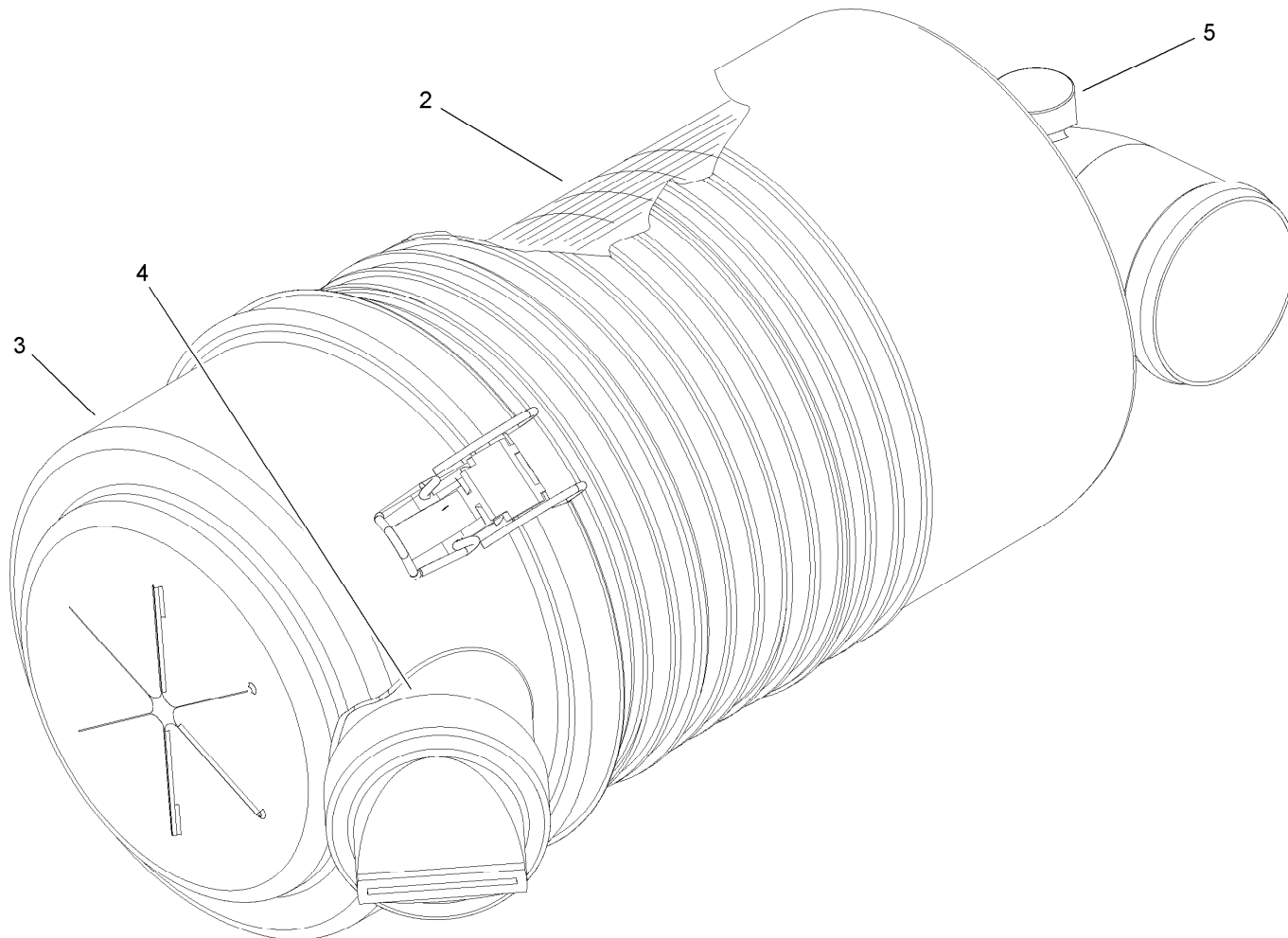


## Engine Intake and Exhaust Assembly

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 1    | 99-8343     | 1    | Gasket-Muffler           |
| 2    | 3253-4      | 4    | Washer-Lock              |
| 3    | 104-2612    | 4    | Nut-HF                   |
| 4    | 33114-020   | 4    | Screw-HH                 |
| 5    | 93-9164     | 1    | Indicator-Mini           |
| 6    | 106-5277    | 1    | Air Cleaner ASM          |
| 7    | 108-7550    | 1    | Hose-Formed              |
| 8    | 108-1745    | 1    | Hose-Formed              |
| 9    | 110-8980-03 | 1    | Bracket-Mount            |
| 10   | 110-8977-03 | 1    | Stand-Air Cleaner        |
| 11   | 2412-130    | 4    | Clamp-Hose               |
| 12   | 104-8300    | 10   | Nut-HF, NI               |
| 13   | 3256-3      | 2    | Washer-Flat              |
| 14   | 322-7       | 2    | Screw-HH                 |
| 15   | 95-5622     | 1    | Hanger-Rubber            |
| 16   | 93-5023     | 2    | Spacer                   |
| 17   | 94-1416     | 1    | Adapter-Indicator        |
| 18   | 108-1785-03 | 1    | Bracket-Support, Muffler |

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 19   | 110-8974-03 | 1    | Bracket-Pipe, Tail         |
| 20   | 108-1782    | 1    | Header                     |
| 21   | 110-8992    | 1    | Muffler ASM                |
| 22   | 2112-9      | 1    | Clamp                      |
| 22:1 | 32128-20    | 2    | Nut-HF                     |
| 23   | 3234-14     | 2    | Screw-HHF                  |
| 25   | 3231-27     | 4    | Screw-CARR                 |
| 26   | 104-8301    | 4    | Nut-HF, NI                 |
| 27   | 100-4825    | 1    | Band-Mounting, Air Cleaner |
| 27:1 |             | 1    | Clamp ASM ●                |
| 27:2 | 94-3653     | 1    | Bolt                       |
| 27:3 | 94-3654     | 1    | Spring                     |
| 27:4 | 48-9510     | 1    | Nut                        |
| 28   | 48-9590     | 1    | Washer-Lock                |
| 29   | 43-0090     | 1    | Screw-HH                   |
| 30   | 3234-29     | 4    | Screw-HHF                  |
| 31   | 322-10      | 2    | Screw-HH                   |
| 35   | 110-8976    | 1    | Plate-Support, Isolator    |

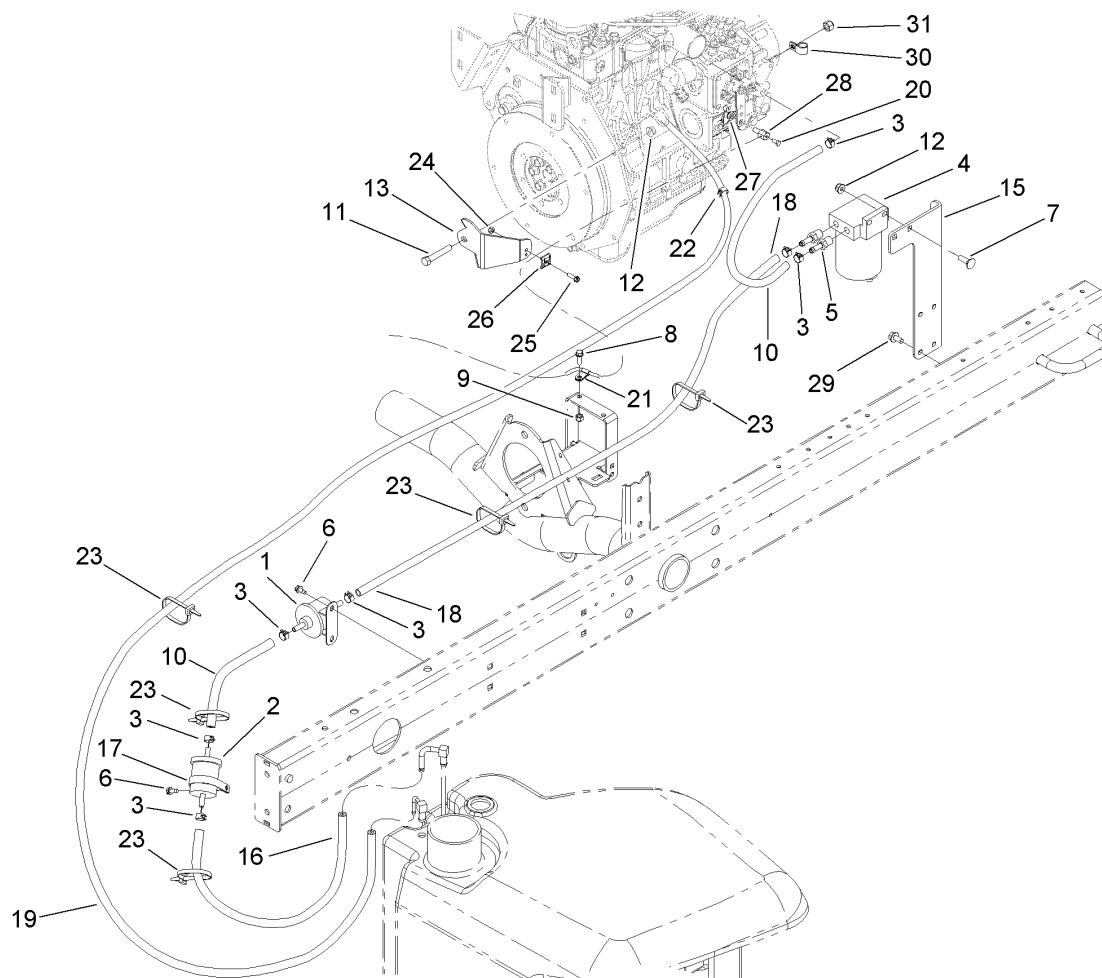
● Not serviced separately



## Air Cleaner Assembly No. 106-5277

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

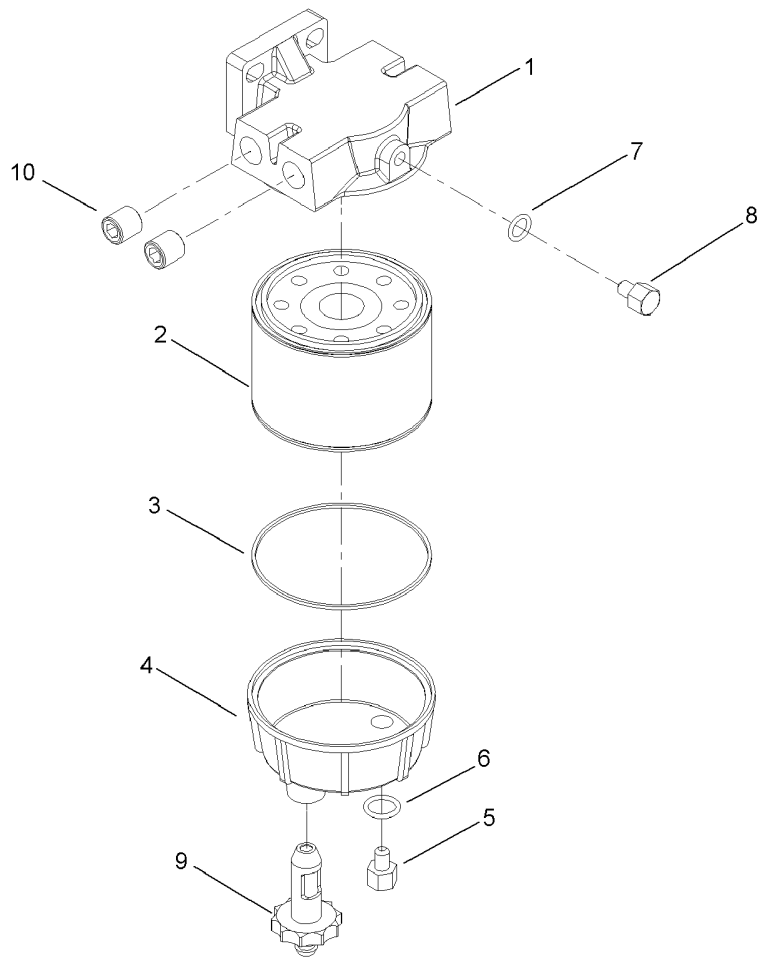




## Fuel System Delivery Assembly

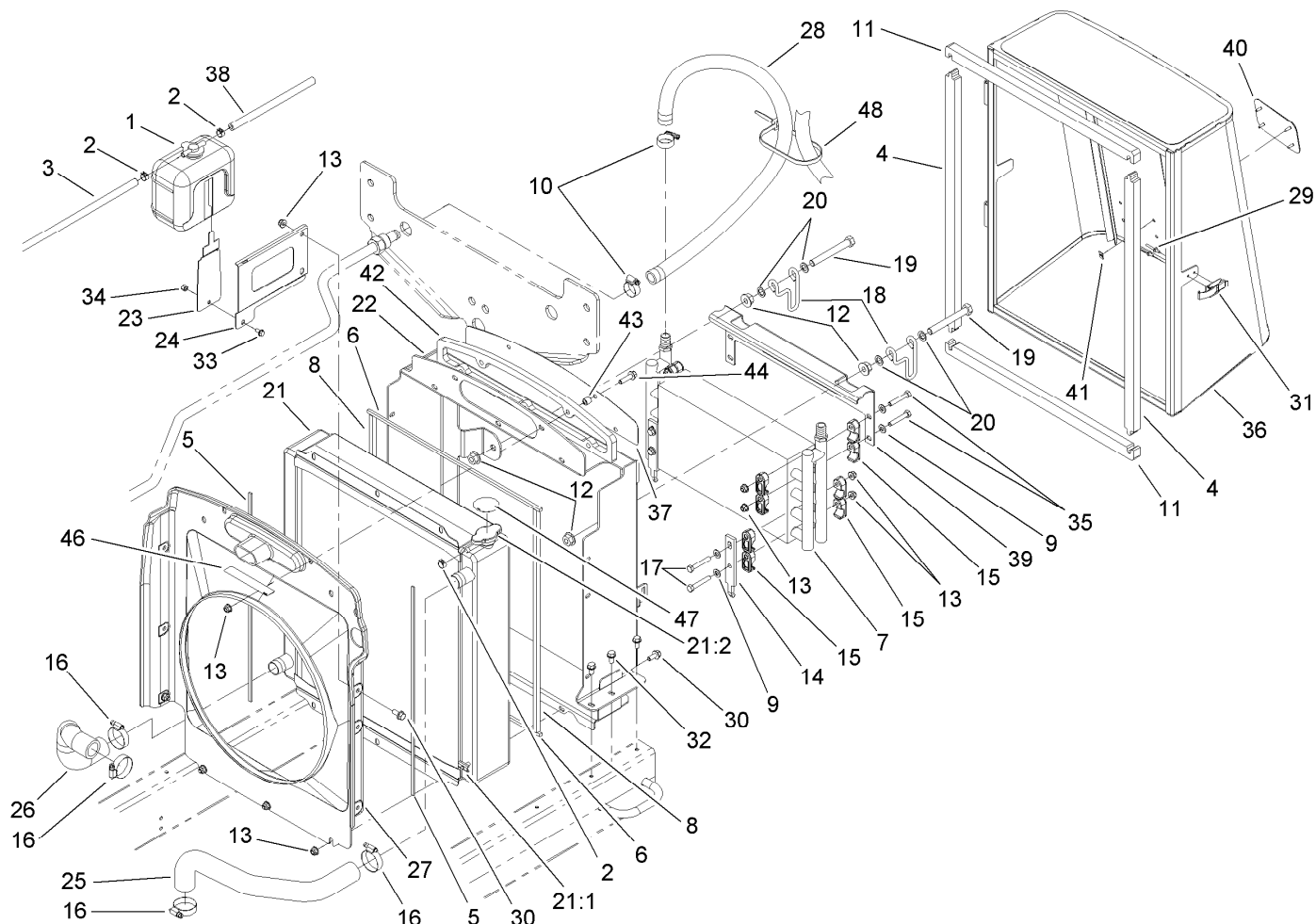
| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    | 104-5215    | 1    | Pump-Fuel, Electric     |
| 2    | 98-7612     | 1    | Filter-Fuel             |
| 3    | 92-2379     | 7    | Clamp-Hose              |
| 4    | 98-9305     | 1    | Water / Fuel Filter ASM |
| 5    | 353-783     | 2    | Fitting-STR             |
| 6    | 32104-17    | 3    | Screw-HWH               |
| 7    | 3230-22     | 2    | Screw-CARR              |
| 8    | 3234-4      | 1    | Screw-HHF               |
| 9    | 3296-42     | 1    | Nut-Lock, NI            |
| 10   | 110-4107    | 2    | Hose-Fuel               |
| 11   | 322-7       | 1    | Screw-HH                |
| 12   | 104-8300    | 3    | Nut-HF, NI              |
| 13   | 108-7603-03 | 1    | Support-Cable, Throttle |
| 15   | 110-8968-01 | 1    | Mount-Separator, Water  |
| 16   | 108-3284    | 1    | Hose-Fuel               |

| Ref. | Part Number | Qty. | Description     |
|------|-------------|------|-----------------|
| 17   | 2412-148    | 1    | Clamp-R         |
| 18   | 110-3259    | 1    | Hose-Fuel       |
| 19   | 110-5688    | 1    | Hose-Fuel       |
| 20   | 25-8640     | 1    | Screw-HH        |
| 21   | 2412-149    | 1    | Clamp-R         |
| 22   | 2412-146    | 1    | Clamp-Hose      |
| 23   | 3290-378    | 5    | Tie-Cable       |
| 24   | 3296-2      | 1    | Nut-Lock, NI    |
| 25   | 32105-13    | 1    | Screw-HWH       |
| 26   | 81-1690     | 1    | Clamp-Cable     |
| 27   | 3296-20     | 1    | Nut-Lock, NI    |
| 28   | 98-9311     | 1    | Swivel-Throttle |
| 29   | 32144-14    | 4    | Screw-HWHTF     |
| 30   | 2412-41     | 1    | Clamp-R         |
| 31   | 3296-29     | 1    | Nut-Lock, NI    |



## Water and Fuel Filter Assembly No. 98-9305

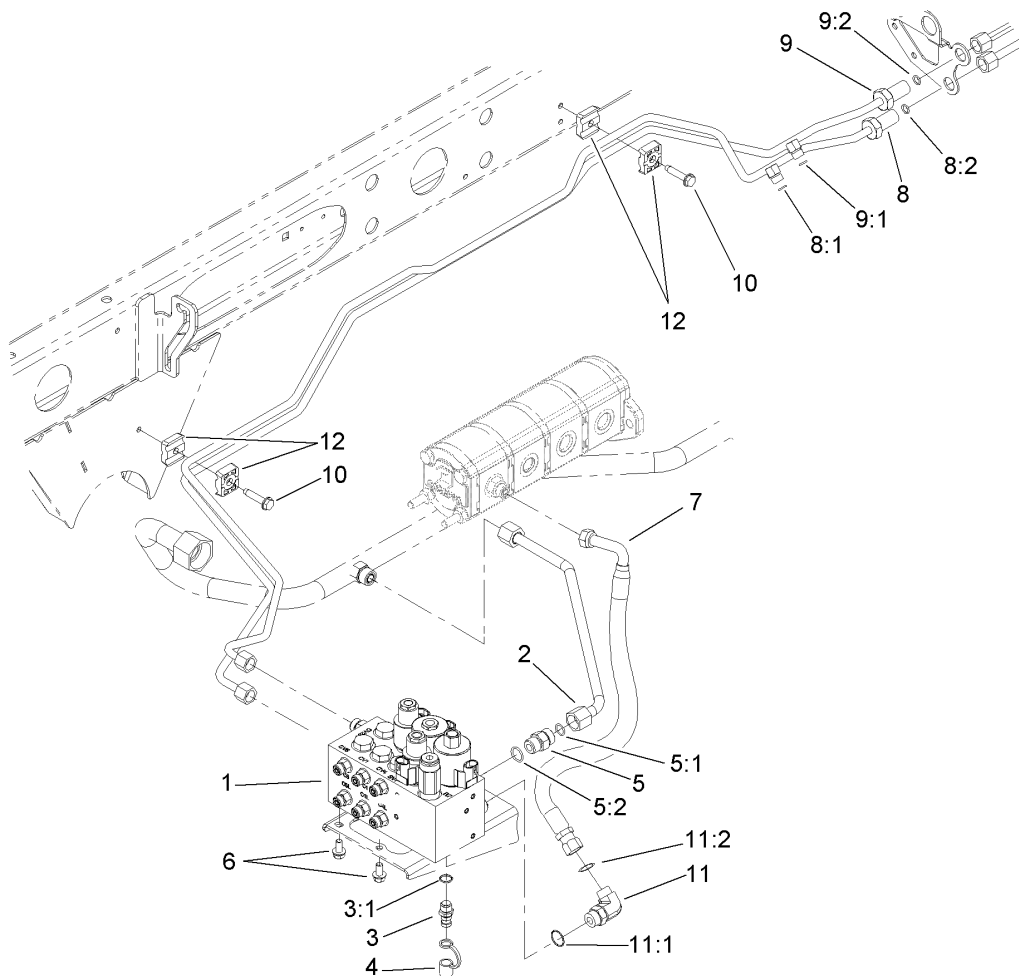
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 98-9772            | 1           | Head-Filter        |
| 2           | 98-9764            | 1           | Element            |
| 3           | 98-9774            | 1           | O-Ring             |
| 4           | 98-9775            | 1           | Base-Filter        |
| 5           | 98-9773            | 1           | Plug-Base, Filter  |
| 6           | 237-42             | 1           | O-Ring             |
| 7           | 237-78             | 1           | O-Ring             |
| 8           | 98-9776            | 1           | Plug-Head, Filter  |
| 9           | 98-9777            | 1           | Drain Valve ASM    |
| 10          | 285-22             | 2           | Plug-Pipe          |



## Radiator and Hydraulic Cooler Assembly

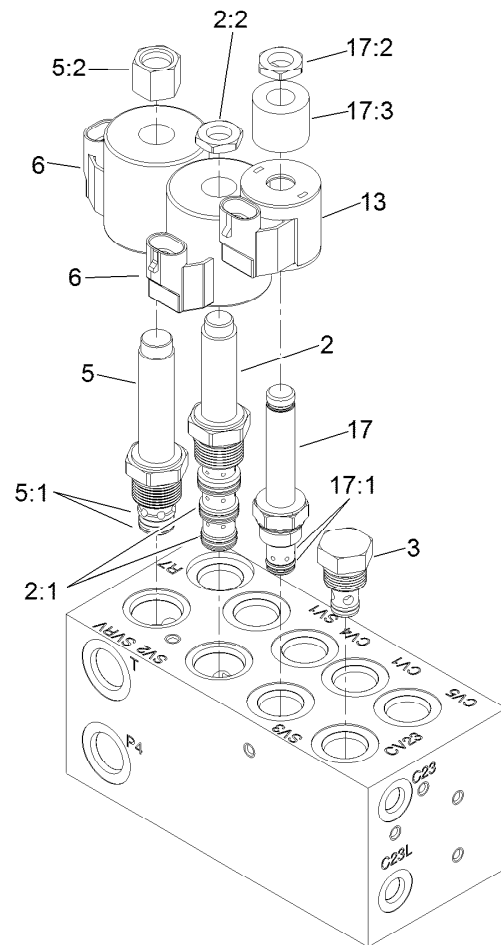
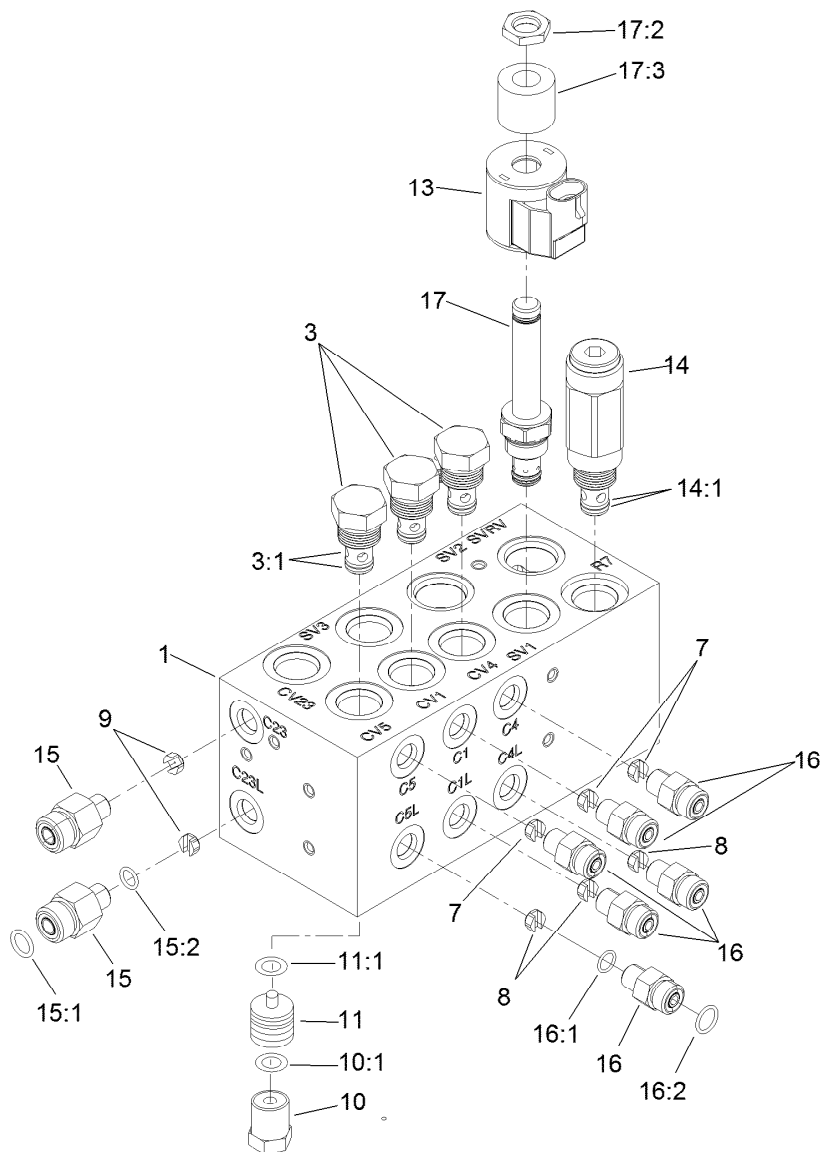
| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    | 104-9318    | 1    | Bottle-Overflow         |
| 2    | 92-2379     | 3    | Clamp-Hose              |
| 3    | 110-3257    | 1    | Hose-Fuel               |
| 4    | 110-0967    | 2    | Seal-Foam               |
| 5    | 110-0971    | 2    | Seal-Foam               |
| 6    | 110-0970    | 2    | Seal-Foam               |
| 7    | 100-4869    | 1    | Cooler-Oil              |
| 8    | 110-0969    | 2    | Seal-Foam               |
| 9    | 3256-23     | 8    | Washer-Plain            |
| 10   | 2412-34     | 4    | Clamp-Hose              |
| 11   | 110-0968    | 2    | Seal-Foam               |
| 12   | 32128-49    | 4    | Nut-HHF                 |
| 13   | 104-8300    | 22   | Nut-HF, NI              |
| 14   | 104-5460-03 | 2    | Plate-Mount, Oil Cooler |
| 15   | 105-3943    | 16   | Clamp-Cooler, Oil       |
| 16   | 2412-129    | 4    | Clamp-Hose              |
| 17   | 322-10      | 4    | Screw-HH                |
| 18   | 104-5429    | 2    | Clamp-Form, Wire        |
| 19   | 325-17      | 2    | Screw-HH                |
| 20   | 41-8440     | 4    | Washer                  |
| 21   | 108-7628    | 1    | Radiator                |
| 21:1 | 304-46      | 1    | Draincock               |
| 21:2 | 93-5957     | 1    | Cap-Radiator            |
| 22   | 108-1617-03 | 1    | Frame-Radiator          |
| 23   | 108-1665-03 | 1    | Bracket-Reservoir       |

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 24   | 108-1666-03 | 1    | Bracket-Reservoir       |
| 25   | 108-1696    | 1    | Hose-Formed             |
| 26   | 108-1697    | 1    | Hose-Formed             |
| 27   | 108-1791    | 1    | Shroud-Fan              |
| 28   | 108-1693    | 2    | Hose                    |
| 29   | 3269-15     | 2    | Rivet-Pop               |
| 30   | 3234-5      | 9    | Screw-HHF               |
| 31   | 105-3912    | 1    | Latch-Draw              |
| 32   | 32104-32    | 6    | Screw-HWH               |
| 33   | 3234-13     | 1    | Screw-HHF               |
| 34   | 3296-42     | 1    | Nut-Lock, NI            |
| 35   | 322-21      | 4    | Screw-HH                |
| 36   | 110-0952-03 | 1    | Screen ASM              |
| 37   | 108-1843-03 | 1    | Screen-Intake, Air      |
| 38   | 110-4104    | 1    | Hose-Fuel               |
| 39   | 107-2043-03 | 1    | Bracket-Oil Cooler, Top |
| 40   | 93-6028     | 1    | Plate-Logo              |
| 41   | 94-2638     | 4    | Nut-Flat                |
| 42   | 110-5324    | 1    | Seal-Foam               |
| 43   | 1-603903    | 5    | Spacer                  |
| 44   | 3234-36     | 5    | Screw-HHF               |
| 46   | 93-7272     | 1    | Decal-Warning           |
| 47   | 106-6755    | 1    | Decal-Cap, Radiator     |
| 48   | 3290-378    | 1    | Tie-Cable               |



## Hydraulic Lift Block and Plumbing Assembly

| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 1    | 105-7577    | 1    | HYD Lift Block Manifold ASM |
| 2    | 108-1698    | 1    | Tube ASM                    |
| 3    | 59-7410     | 1    | Fitting-Diagnostic          |
| 3:1  | 237-42      | 1    | O-Ring                      |
| 4    | 354-79      | 1    | Cap-Dust                    |
| 5    | 340-4       | 1    | Fitting-Straight            |
| 5:1  | 237-30      | 1    | O-Ring                      |
| 5:2  | 237-79      | 1    | O-Ring                      |
| 6    | 3234-14     | 2    | Screw-HHF                   |
| 7    | 107-1135    | 1    | Hose ASM                    |
| 8    | 108-1720    | 1    | Tube ASM                    |
| 8:1  | 237-21      | 1    | O-Ring                      |
| 8:2  | 237-22      | 1    | O-Ring                      |
| 9    | 108-1721    | 1    | Tube ASM                    |
| 9:1  | 237-21      | 1    | O-Ring                      |
| 9:2  | 237-22      | 1    | O-Ring                      |
| 10   | 32144-57    | 2    | Screw                       |
| 11   | 340-18      | 1    | Fitting-HYD, 90 DEG         |
| 11:1 | 237-79      | 1    | O-Ring                      |
| 11:2 | 237-22      | 1    | O-Ring                      |
| 12   | 56-7973     | 4    | Clamp-Tube                  |



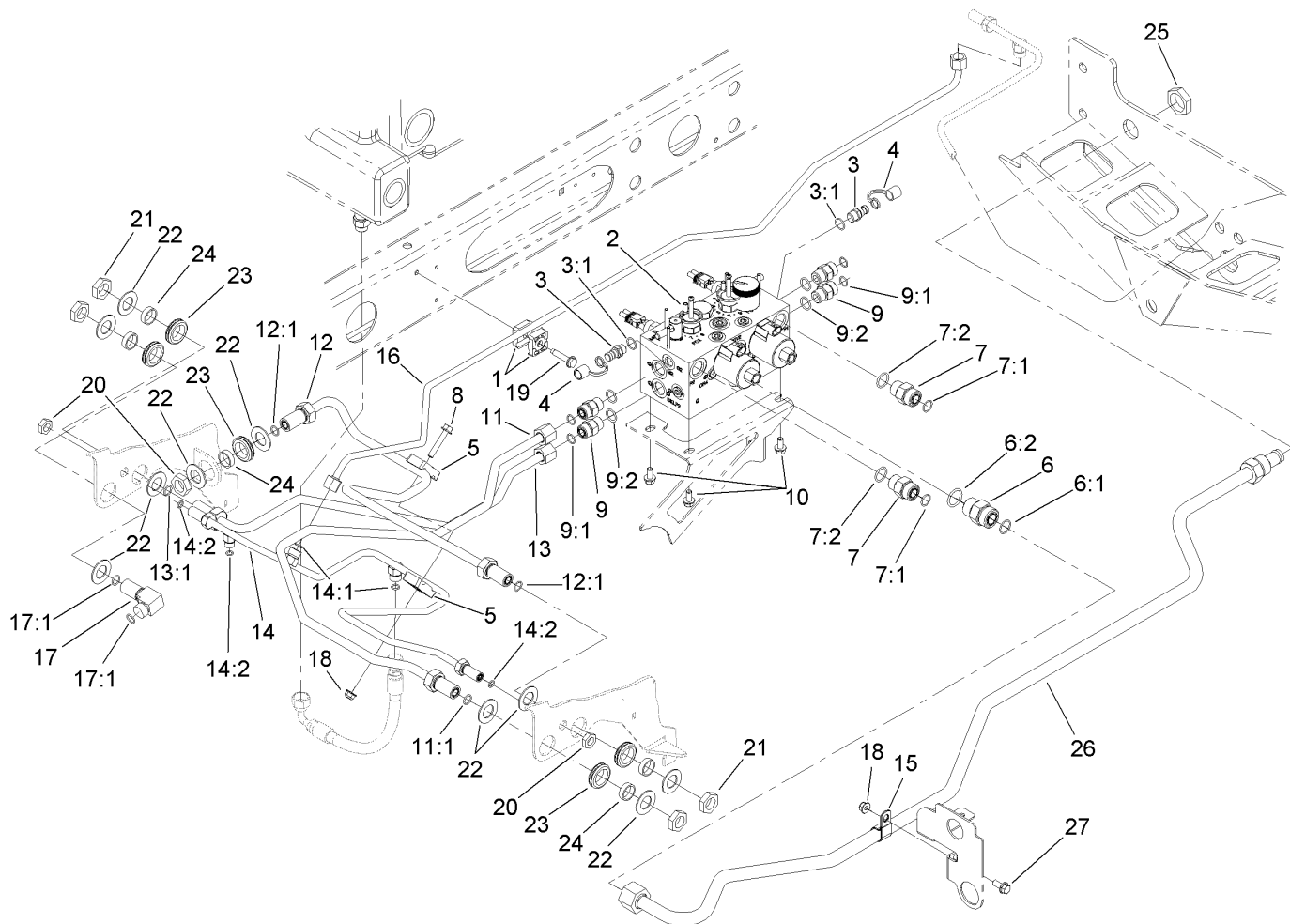
## Hydraulic Manifold Block Assembly No. 105-7577

| Ref. | Part Number | Qty. | Description                   |
|------|-------------|------|-------------------------------|
| 1    |             | 1    | Block-Manifold ■              |
| 2    | 110-8906    | 1    | Valve-Solenoid                |
| 2:1  | 110-8908    | 1    | Spool Valve Seal Kit          |
| 2:2  | 110-2634    | 1    | Nut-Coil                      |
| 3    | 110-9006    | 4    | Valve-Check                   |
| 3:1  | 105-9156    | 1    | Seal Kit                      |
| 5    | 110-8905    | 1    | Valve-Relief, Solenoid        |
| 5:1  | 110-6316    | 1    | Seal Kit                      |
| 5:2  | 130-8180    | 1    | Nut-Coil (9/16-24 Unef-2B)    |
| 6    | 110-6344    | 2    | Coil-12V, DC                  |
| 7    | 110-8904    | 3    | Orifice-Control, Flow (0.028) |
| 7    | 125-8849    | 3    | Orifice-Flow Control ●        |
| 8    | 110-8903    | 3    | Orifice-Control, Flow (0.055) |
| 9    | 110-8902    | 2    | Orifice-Control, Flow (0.046) |
| 10   | 354-70      | 4    | Plug-Hex, Hollow              |
| 10:1 | 237-80      | 1    | O-Ring                        |

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 11   | 110-8901    | 4    | Piston-Pilot     |
| 11:1 | 110-8900    | 1    | O-Ring           |
| 13   | 110-0497    | 2    | Coil-Solenoid    |
| 14   | 110-8899    | 1    | Valve-Relief     |
| 14:1 | 105-9156    | 1    | Seal Kit         |
| 15   | 340-88      | 2    | Fitting-Straight |
| 15:1 | 237-22      | 1    | O-Ring           |
| 15:2 | 237-78      | 1    | O-Ring           |
| 16   | 340-92      | 6    | Fitting-Straight |
| 16:1 | 237-78      | 1    | O-Ring           |
| 16:2 | 237-21      | 1    | O-Ring           |
| 17   | 110-8898    | 2    | Valve-Solenoid   |
| 17:1 | 107-7527    | 1    | Seal Kit         |
| 17:2 | 110-2634    | 1    | Nut-Coil         |
| 17:3 | 110-8909    | 1    | Spacer-Coil      |

● Optional Equipment

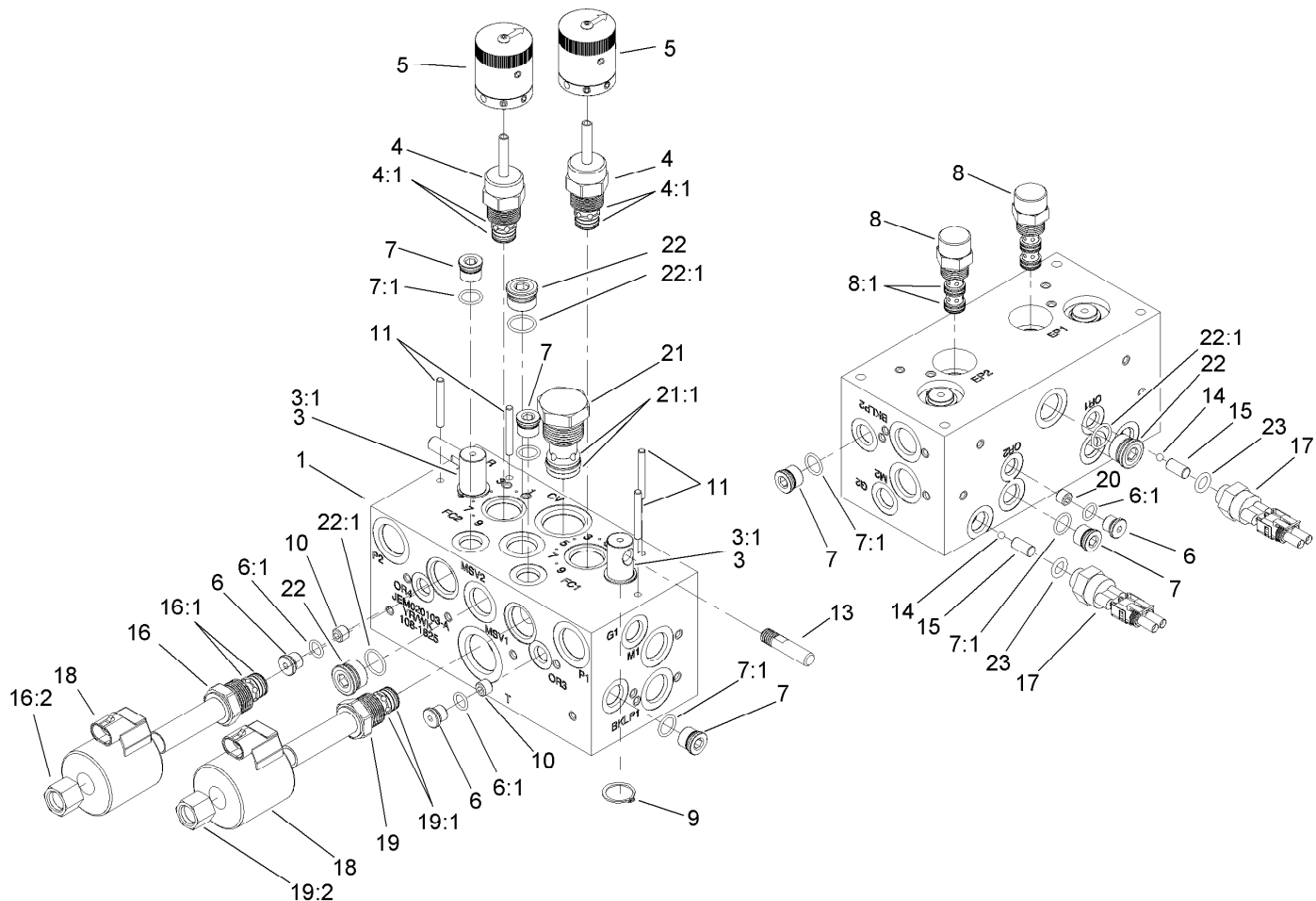
■ Not serviced separately



## Reel Control Block Hydraulic Plumbing Assembly

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    | 56-7973     | 2    | Clamp-Tube                 |
| 2    | 108-1625    | 1    | HYD Mow Block Manifold ASM |
| 3    | 59-7410     | 2    | Fitting-Diagnostic         |
| 3:1  | 237-42      | 1    | O-Ring                     |
| 4    | 354-79      | 2    | Cap-Dust                   |
| 5    | 56-7972     | 2    | Clamp-Tube                 |
| 6    | 340-9       | 1    | Fitting-STR                |
| 6:1  | 237-58      | 1    | O-Ring                     |
| 6:2  | 237-81      | 1    | O-Ring                     |
| 7    | 340-7       | 2    | Fitting-Straight           |
| 7:1  | 237-65      | 1    | O-Ring                     |
| 7:2  | 237-80      | 1    | O-Ring                     |
| 8    | 94-5780     | 1    | Screw-HWH                  |
| 9    | 340-4       | 4    | Fitting-Straight           |
| 9:1  | 237-30      | 1    | O-Ring                     |
| 9:2  | 237-79      | 1    | O-Ring                     |
| 10   | 3234-14     | 3    | Screw-HHF                  |
| 11   | 110-5287    | 1    | Tube ASM                   |
| 11:1 | 237-30      | 1    | O-Ring                     |
| 12   | 110-5288    | 1    | Tube ASM                   |

| Ref. | Part Number | Qty. | Description  |
|------|-------------|------|--------------|
| 12:1 | 237-30      | 2    | O-Ring       |
| 13   | 108-1708    | 1    | Tube ASM     |
| 13:1 | 237-30      | 1    | O-Ring       |
| 14   | 110-5286    | 1    | Tube ASM     |
| 14:1 | 237-22      | 2    | O-Ring       |
| 14:2 | 237-21      | 3    | O-Ring       |
| 15   | 2412-4      | 1    | Clamp-R      |
| 16   | 108-1705    | 1    | Tube ASM     |
| 17   | 93-9151     | 1    | Fitting-HYD  |
| 17:1 | 237-30      | 2    | O-Ring       |
| 18   | 104-8300    | 2    | Nut-HF, NI   |
| 19   | 32144-57    | 1    | Screw        |
| 20   | 340-78      | 2    | Nut-Lock     |
| 21   | 340-127     | 5    | Nut-Bulkhead |
| 22   | 69-8930     | 10   | Washer       |
| 23   | 240-5       | 5    | Grommet      |
| 24   | 69-8960     | 5    | Spacer       |
| 25   | 340-126     | 1    | Nut-Bulkhead |
| 26   | 108-1700    | 1    | Tube ASM     |
| 27   | 3234-5      | 1    | Screw-HHF    |

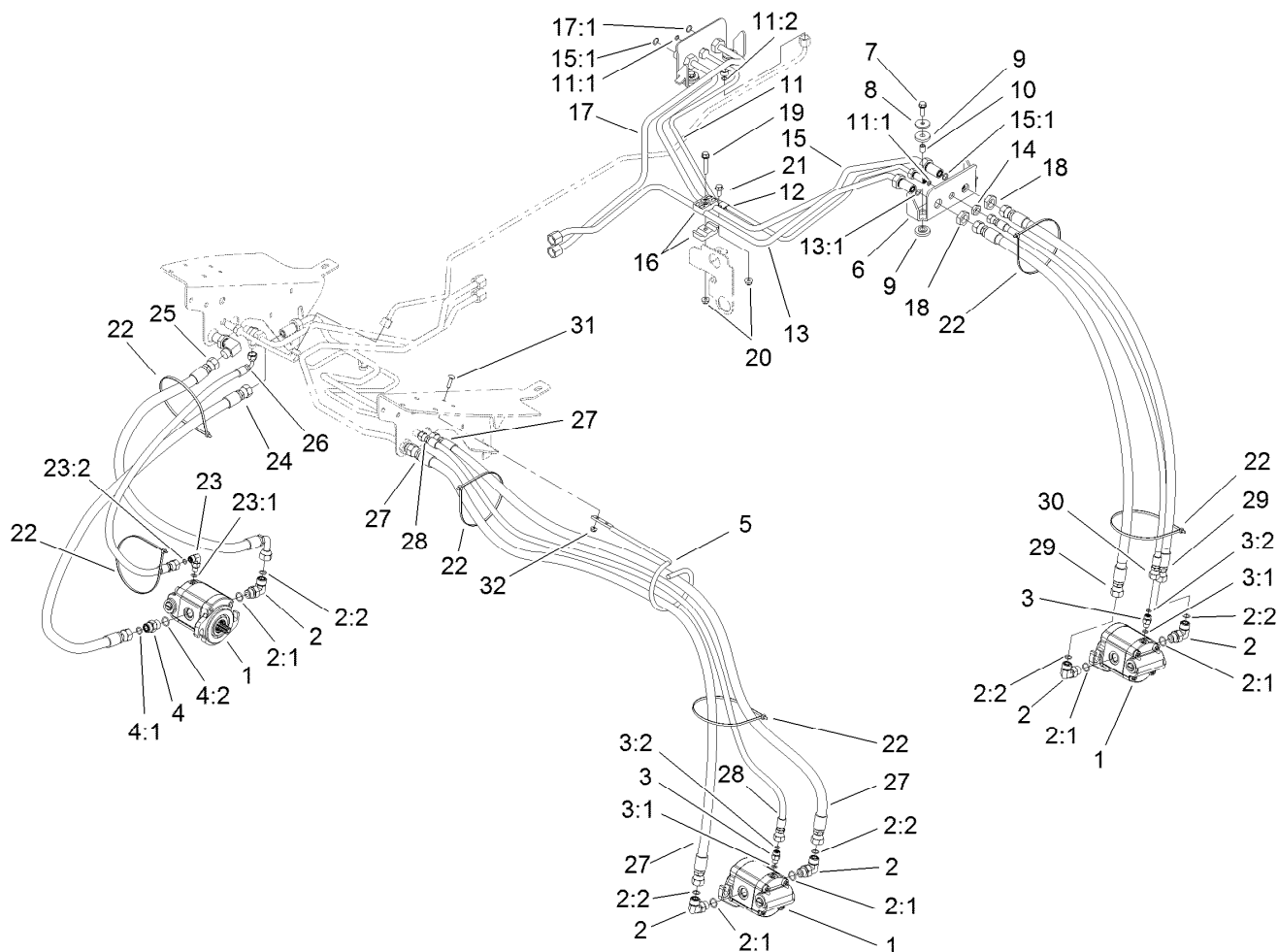


## Hydraulic Manifold Block Assembly No. 108-1625

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    |             | 1    | Block-Manifold ●           |
| 3    | 110-8766    | 2    | Spool-Rotary               |
| 3:1  | 110-8763    | 1    | Seal Kit                   |
| 4    | 110-8769    | 2    | Valve-Control, Manual Flow |
| 4:1  | 110-2633    | 1    | Seal Kit                   |
| 5    | 110-8767    | 2    | Rotary Handle ASM          |
| 6    | 353-990     | 4    | Plug ASM                   |
| 6:1  | 237-78      | 1    | O-Ring                     |
| 7    | 106-1026    | 6    | Plug-HYD                   |
| 7:1  | 237-42      | 1    | O-Ring                     |
| 8    | 110-8890    | 2    | Element-Logic              |
| 8:1  | 110-8773    | 1    | Seal Kit                   |
| 9    | 110-8765    | 4    | Ring-Snap                  |
| 10   | 110-8987    | 2    | Plug-Orifice (0.015 Rw)    |
| 11   | 110-8764    | 4    | Pin-Groove                 |
| 13   | 110-8758    | 2    | Handle-Spool               |

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 14   | 110-8762    | 2    | Ball-Chrome            |
| 15   | 110-8761    | 2    | Pin-Dowel              |
| 16   | 110-8888    | 1    | Valve-Relief, Solenoid |
| 16:1 | 110-6316    | 1    | Seal Kit               |
| 16:2 | 110-2635    | 1    | Nut-Coil               |
| 17   | 72-4310     | 2    | Switch-Ball            |
| 18   | 110-6344    | 2    | Coil-12V, DC           |
| 19   | 110-6345    | 1    | Valve-Relief, Solenoid |
| 19:1 | 110-6316    | 1    | Seal Kit               |
| 19:2 | 110-2635    | 1    | Nut-Coil               |
| 20   | 110-8887    | 2    | Plug-Orifice (0.055)   |
| 21   | 110-8886    | 1    | Valve-Check            |
| 21:1 | 110-0470    | 1    | Seal Kit               |
| 22   | 106-1027    | 3    | Plug                   |
| 22:1 | 237-79      | 1    | O-Ring                 |
| 23   | 110-8757    | 2    | O-Ring                 |

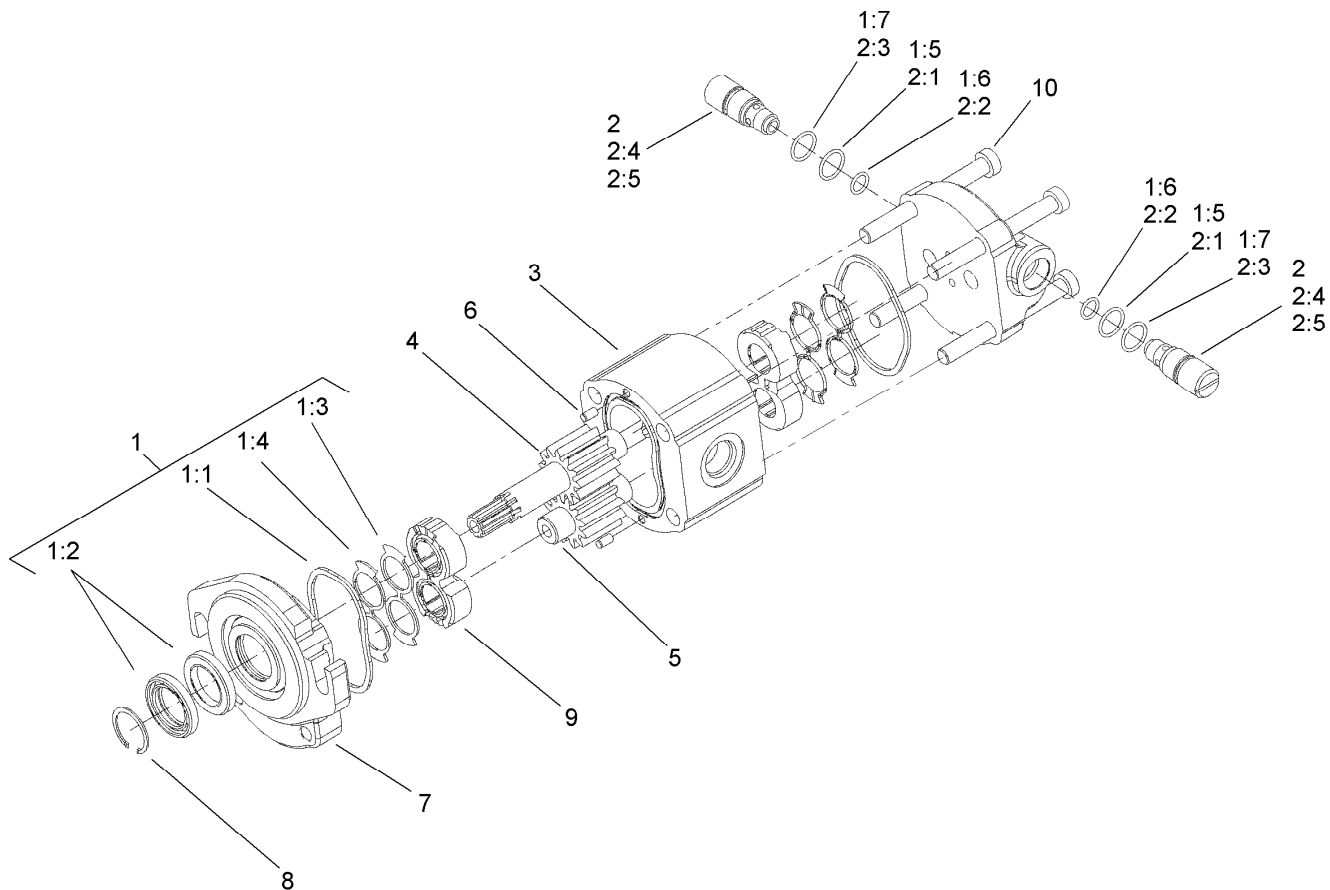
● Not serviced separately



## Rear Reel Drive System Plumbing and Front Hose Assembly

| Ref. | Part Number | Qty. | Description           | Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|------|-------------|------|-----------------------|
| 1    | 110-1717    | 5    | HYD Motor ASM         | 15   | 108-1702    | 1    | Tube ASM              |
| 2    | 340-98      | 9    | Fitting-Elbow, 90 DEG | 15:1 | 237-30      | 2    | O-Ring                |
| 2:1  | 237-79      | 1    | O-Ring                | 16   | 56-7976     | 2    | Clamp-Tube            |
| 2:2  | 237-30      | 1    | O-Ring                | 17   | 108-1703    | 1    | Tube ASM              |
| 3    | 340-92      | 4    | Fitting-Straight      | 17:1 | 237-30      | 1    | O-Ring                |
| 3:1  | 237-78      | 1    | O-Ring                | 18   | 340-127     | 4    | Nut-Bulkhead          |
| 3:2  | 237-21      | 1    | O-Ring                | 19   | 94-5780     | 1    | Screw-HWH             |
| 4    | 340-4       | 1    | Fitting-Straight      | 20   | 104-8300    | 2    | Nut-HF, NI            |
| 4:1  | 237-30      | 1    | O-Ring                | 21   | 3234-5      | 1    | Screw-HHF             |
| 4:2  | 237-79      | 1    | O-Ring                | 22   | 3334-945    | 15   | Tie-Cable             |
| 5    | 108-7585    | 2    | Guide-Hose            | 23   | 340-132     | 1    | Fitting-Elbow, 90 DEG |
| 6    | 108-1814-03 | 2    | Bracket-Bulkhead      | 23:1 | 237-78      | 1    | O-Ring                |
| 7    | 32144-57    | 2    | Screw                 | 23:2 | 237-21      | 1    | O-Ring                |
| 8    | 105-3048    | 4    | Washer-Flat           | 24   | 106-3669    | 1    | HYD Hose ASM          |
| 9    | 240-11      | 8    | Bushing-Flange        | 25   | 106-3670    | 1    | HYD Hose ASM          |
| 10   | 99-8611     | 4    | Spacer                | 26   | 106-3671    | 1    | Hose-HYD              |
| 11   | 108-1704    | 1    | Tube ASM              | 27   | 106-3678    | 4    | Hose ASM              |
| 11:1 | 237-22      | 1    | O-Ring                | 28   | 106-3680    | 2    | Hose-HYD              |
| 11:2 | 237-21      | 2    | O-Ring                | 29   | 106-3672    | 4    | HYD Hose ASM          |
| 12   | 2412-113    | 1    | Clamp-R               | 30   | 98-4590     | 2    | Hose-HYD              |
| 13   | 108-1701    | 1    | Tube ASM              | 31   | 3229-1      | 4    | Screw-CARR            |
| 13:1 | 237-30      | 1    | O-Ring                | 32   | 104-7201    | 4    | Nut-HF, NI            |
| 14   | 340-78      | 2    | Nut-Lock              |      |             |      |                       |

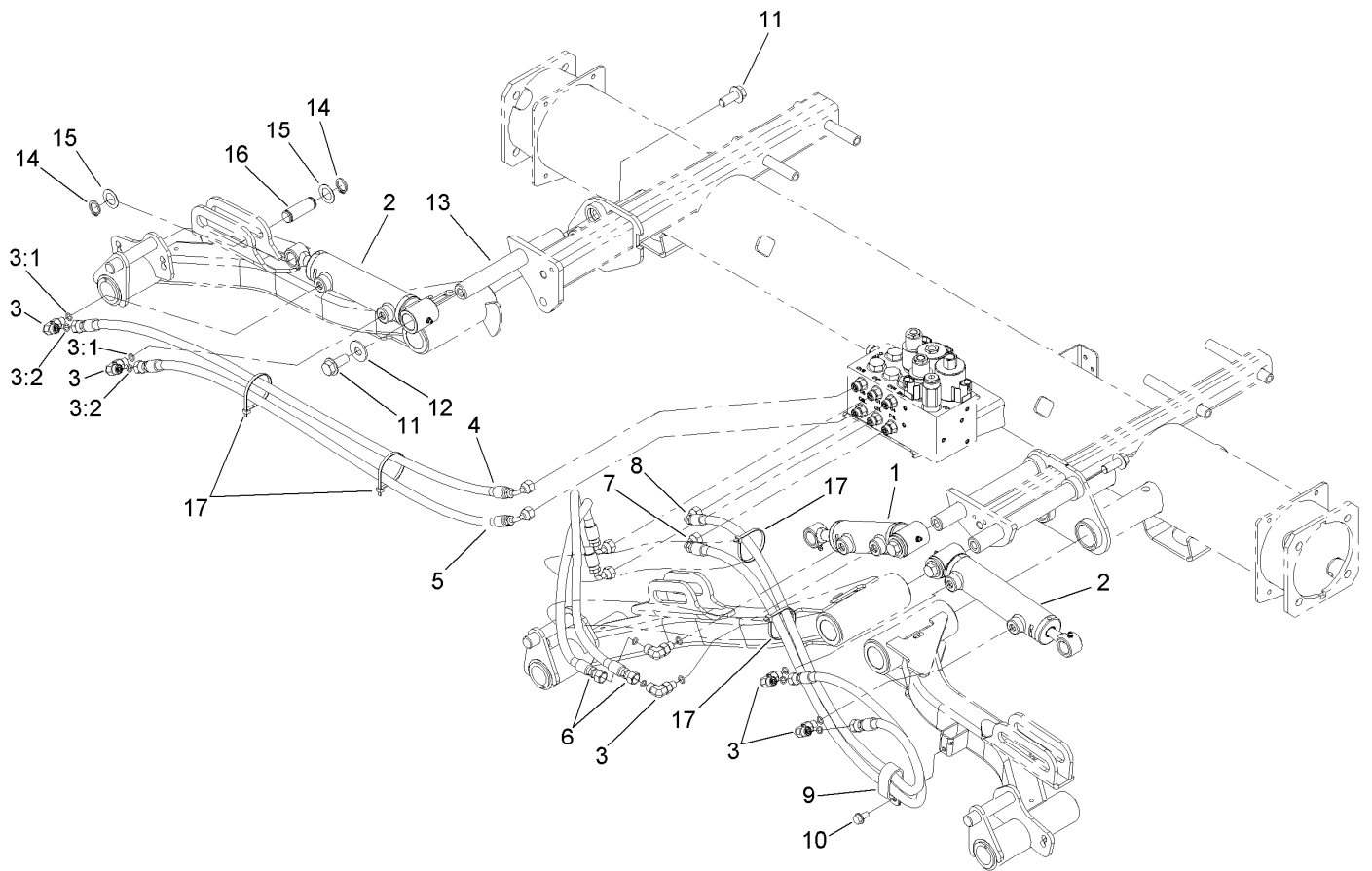




## Hydraulic Motor Assembly No. 110-1717

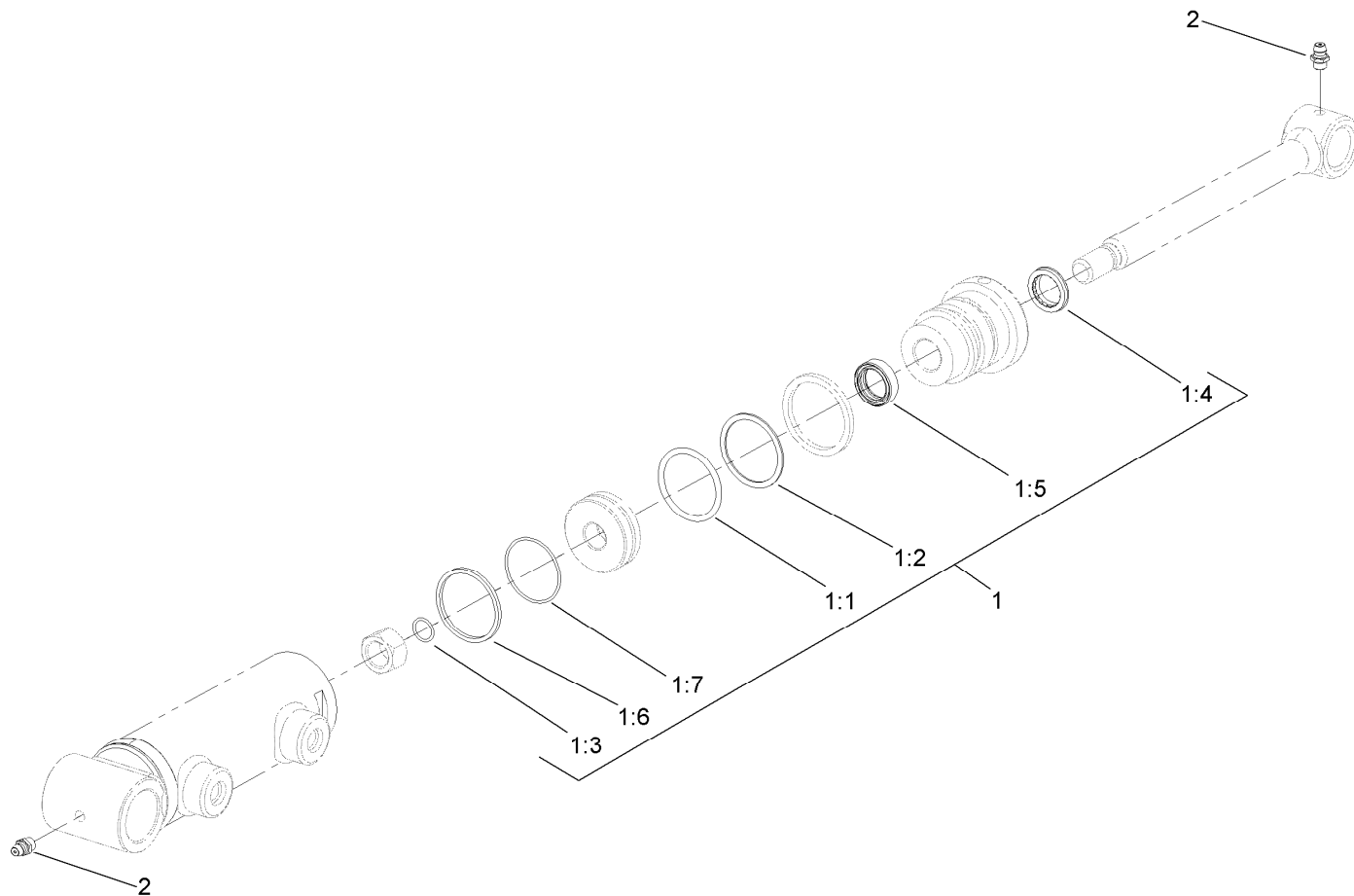
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 110-0040    | 1    | Seal Kit              |
| 1:1  |             | 2    | Ring ●                |
| 1:2  |             | 2    | Seal-Shaft ●          |
| 1:3  |             | 2    | Seal ●                |
| 1:4  |             | 2    | Seal-Anti Extrusion ● |
| 1:5  |             | 2    | Seal-Valve, Relief ●  |
| 1:6  |             | 2    | Seal-Valve, Relief ●  |
| 1:7  |             | 2    | Ring-Backup ●         |
| 2    | 110-0041    | 2    | Relief Cartridge Kit  |
| 2:1  |             | 1    | Seal ●                |
| 2:2  |             | 1    | Seal ●                |
| 2:3  |             | 1    | Ring-Backup ●         |
| 2:4  |             | 1    | Cap-Relief ●          |
| 2:5  |             | 1    | Valve-Relief ●        |
| 3    |             | 1    | Body ●                |
| 4    |             | 1    | Gear-Drive ●          |
| 5    |             | 1    | Gear-Driven ●         |
| 6    |             | 2    | Pin-Dowel ●           |
| 7    |             | 1    | Cover-Front ●         |
| 8    |             | 1    | Ring-Retaining ●      |
| 9    |             | 2    | Block-Bearing ●       |
| 10   |             | 4    | Washer ●              |

● Not serviced separately



## Front Lift Cylinder and Plumbing Assembly

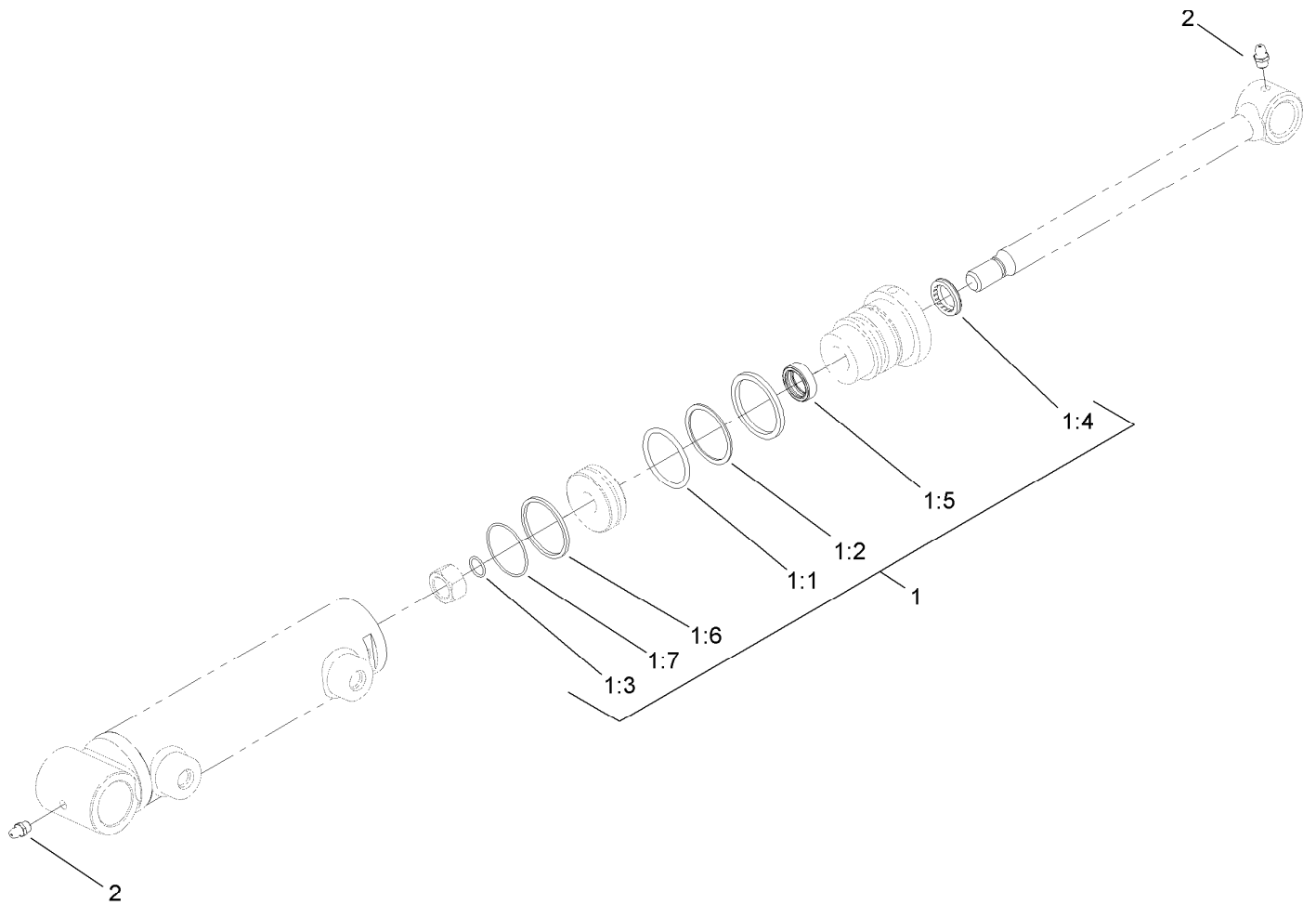
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 107-2034    | 1    | Cylinder-HYD          |
| 2    | 107-2033    | 2    | Cylinder-HYD          |
| 3    | 340-132     | 6    | Fitting-Elbow, 90 DEG |
| 3:1  | 237-78      | 1    | O-Ring                |
| 3:2  | 237-21      | 1    | O-Ring                |
| 4    | 106-3692    | 1    | Hose-HYD              |
| 5    | 106-3693    | 1    | Hose-HYD              |
| 6    | 93-6887     | 2    | Hose-HYD              |
| 7    | 106-3691    | 1    | Hose-HYD              |
| 8    | 85-4940     | 1    | Hose-HYD              |
| 9    | 2412-137    | 1    | Clamp-R, Double       |
| 10   | 32144-14    | 1    | Screw-HWHTF           |
| 11   | 3234-32     | 6    | Screw-HHF             |
| 12   | 3256-6      | 3    | Washer-Flat           |
| 13   | 107-2077    | 3    | Pin-Cylinder          |
| 14   | 32120-93    | 6    | Ring-Retaining        |
| 15   | 3-6498      | 6    | Washer-Thrust         |
| 16   | 104-0046    | 3    | Pin-Slide, Cylinder   |
| 17   | 3290-379    | 4    | Tie-Cable             |



## Hydraulic Cylinder Assembly No. 107-2034

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 110-6460           | 1           | Seal Kit           |
| 1:1         |                    | 1           | O-Ring ●           |
| 1:2         |                    | 1           | Ring-Back Up ●     |
| 1:3         |                    | 1           | O-Ring ●           |
| 1:4         |                    | 1           | Wiper ●            |
| 1:5         |                    | 1           | Seal ●             |
| 1:6         |                    | 1           | Capseal ●          |
| 1:7         |                    | 1           | O-Ring ●           |
| 2           | 302-5              | 1           | Fitting-Grease     |

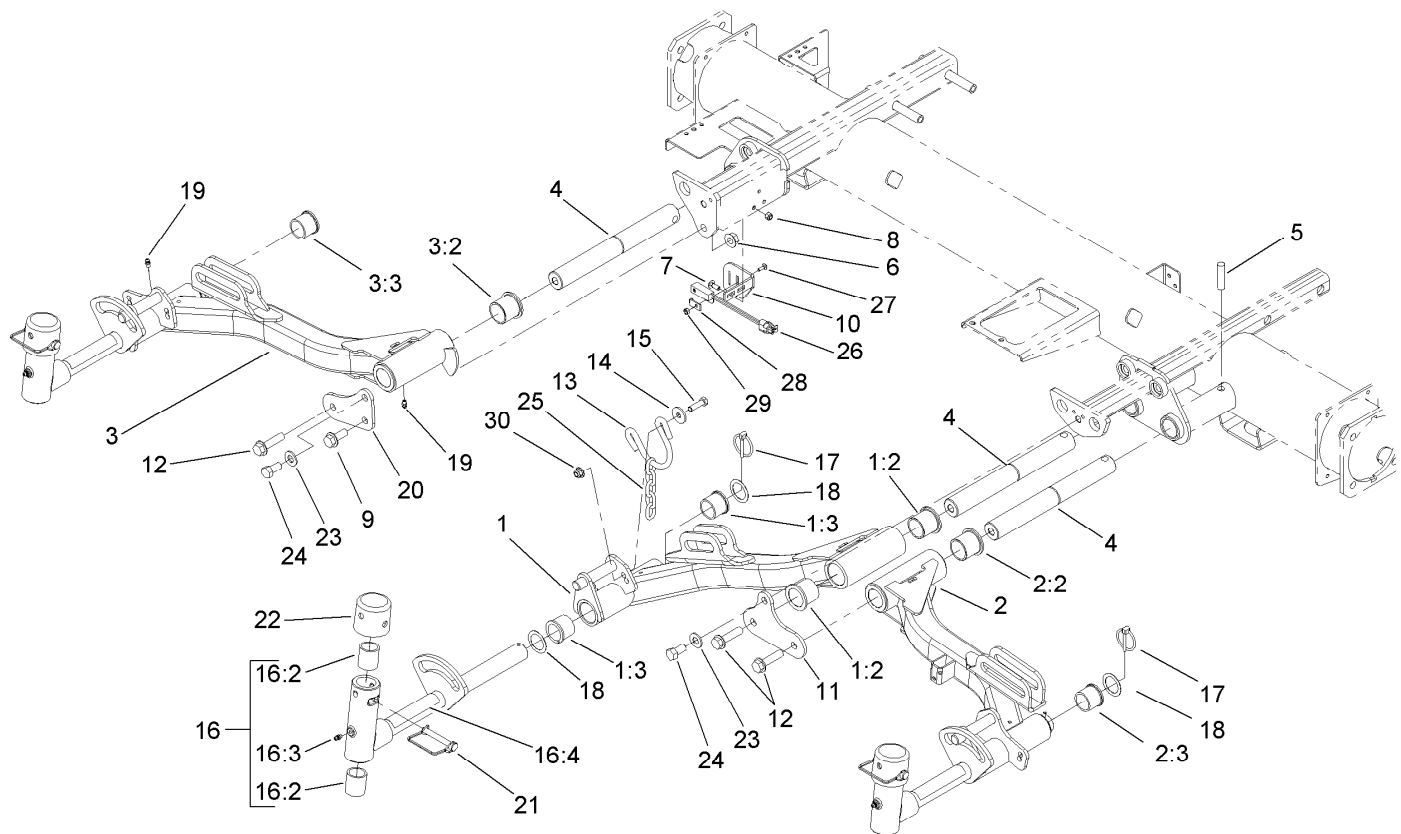
● Not serviced separately



## Hydraulic Cylinder Assembly No. 107-2033

| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 1    | 110-6460    | 1    | Seal Kit       |
| 1:1  |             | 1    | O-Ring ●       |
| 1:2  |             | 1    | Ring-Back Up ● |
| 1:3  |             | 1    | O-Ring ●       |
| 1:4  |             | 1    | Wiper ●        |
| 1:5  |             | 1    | Seal ●         |
| 1:6  |             | 1    | Capseal ●      |
| 1:7  |             | 1    | O-Ring ●       |
| 2    | 302-5       | 1    | Fitting-Grease |

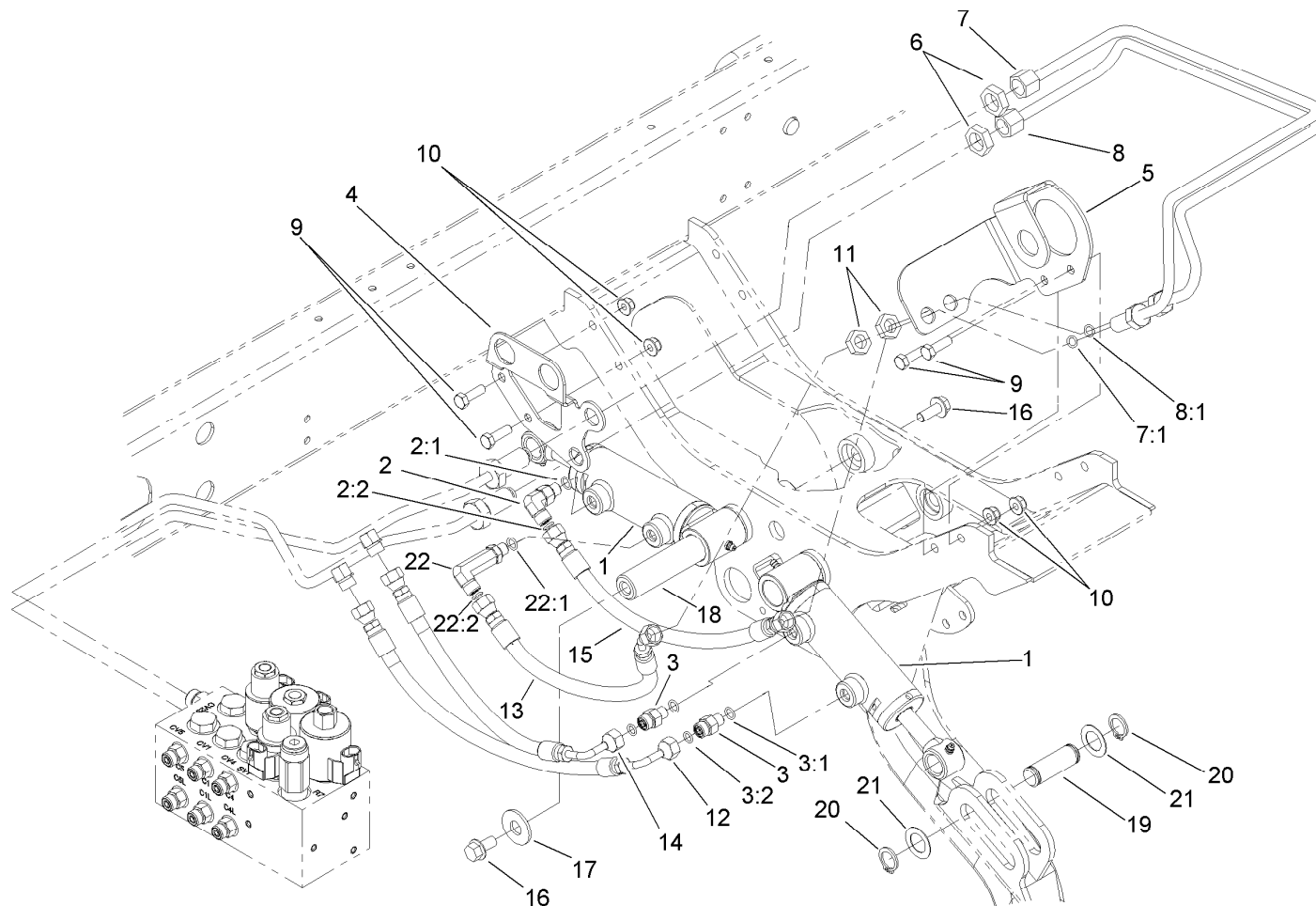
● Not serviced separately



## Front Lift Arm Assembly

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 110-0991    | 1    | No. 1 Lift Arm ASM   |
| 1:2  | 69-6470     | 2    | Bushing-Caster       |
| 1:3  | 104-0015    | 2    | Bushing-Flange       |
| 2    | 110-0994    | 1    | No. 4 Lift Arm ASM   |
| 2:2  | 69-6470     | 2    | Bushing-Caster       |
| 2:3  | 104-0015    | 2    | Bushing-Flange       |
| 3    | 110-0995    | 1    | No. 5 Lift Arm ASM   |
| 3:2  | 69-6470     | 2    | Bushing-Caster       |
| 3:3  | 104-0015    | 2    | Bushing-Flange       |
| 4    | 95-8531     | 3    | Shaft-Pivot, Liftarm |
| 5    | 32121-122   | 3    | Pin-Roll             |
| 6    | 32128-23    | 1    | Nut-HF               |
| 7    | 3229-1      | 2    | Screw-CARR           |
| 8    | 3296-42     | 2    | Nut-Lock, NI         |
| 9    | 3234-38     | 1    | Screw-HHF            |
| 10   | 110-0919    | 1    | Bracket-Switch       |
| 11   | 110-0938-01 | 1    | Plate-Bridge         |
| 12   | 3234-27     | 3    | Screw-HHF            |
| 13   | 110-0922    | 3    | Hoop-Chain           |
| 14   | 63-8410     | 6    | Washer               |

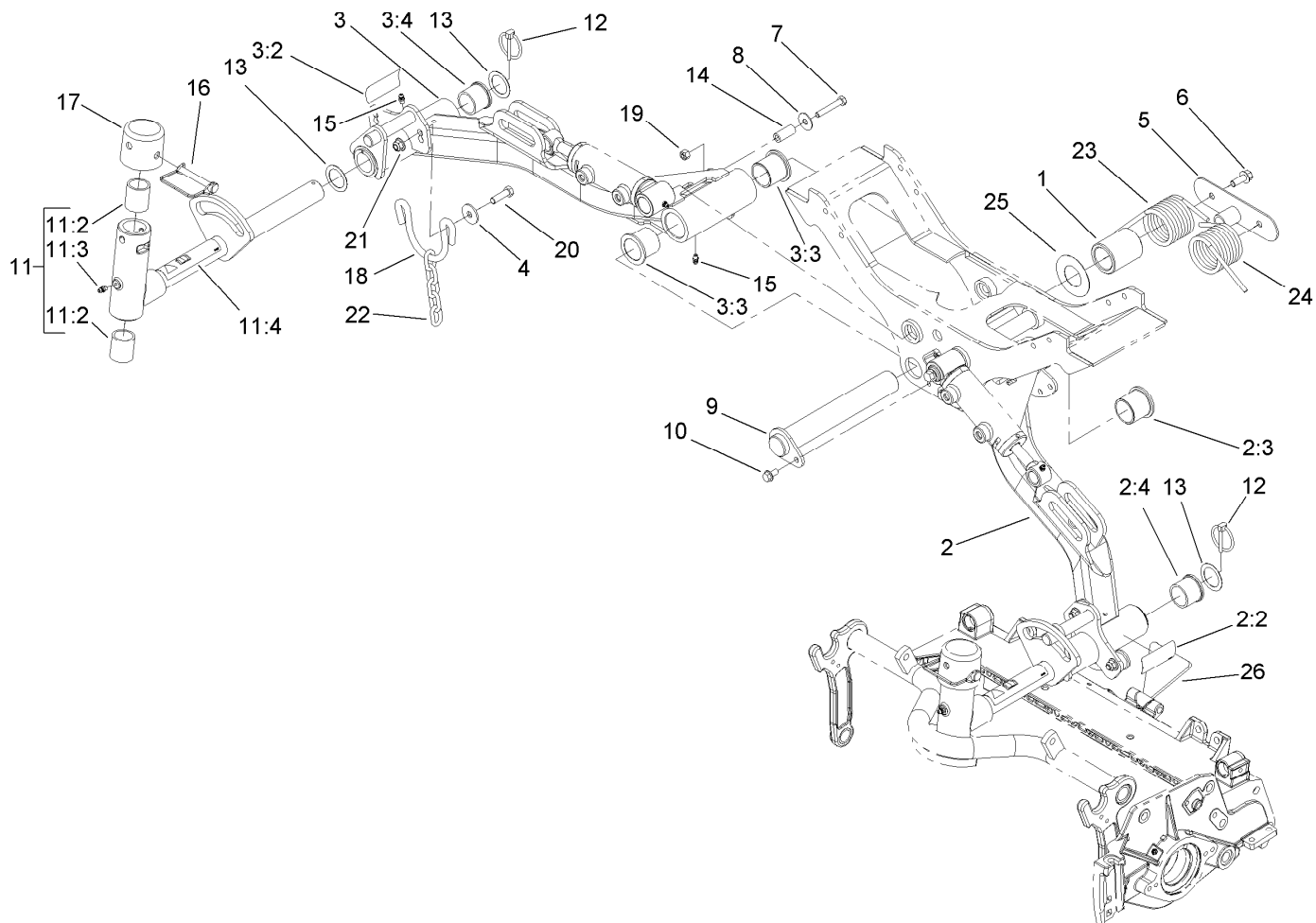
| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 15   | 323-7       | 6    | Screw-HH               |
| 16   | 107-2052    | 3    | Pivot Yoke ASM         |
| 16:2 | 256-254     | 2    | Bushing                |
| 16:3 | 302-5       | 1    | Fitting-Grease         |
| 16:4 | 110-9642    | 1    | Decal-Warning          |
| 17   | 92-1298     | 3    | Pin-Lynch              |
| 18   | 76-2980     | 6    | Washer-Thrust          |
| 19   | 302-5       | 6    | Fitting-Grease         |
| 20   | 110-0939-01 | 1    | Plate-Bridge, No. 5    |
| 21   | 107-7400    | 3    | Pin-Lynch              |
| 22   | 107-4027    | 3    | Cap                    |
| 23   | 87-7270     | 2    | Washer-Thrust          |
| 24   | 3213-1      | 2    | Screw-HH               |
| 25   | 84-2451     | 3    | Chain-Straight, 5 Link |
| 26   | 105-0023    | 1    | Switch-Proximity       |
| 27   | 3229-34     | 1    | Screw-CARR             |
| 28   | 100-4872    | 1    | Plate-Switch, Neutral  |
| 29   | 3296-2      | 1    | Nut-Lock, NI           |
| 30   | 104-8301    | 6    | Nut-HF, NI             |



## Rear Lift Cylinder and Plumbing Assembly

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 107-2034    | 2    | Cylinder-HYD          |
| 2    | 340-132     | 1    | Fitting-Elbow, 90 DEG |
| 2:1  | 237-78      | 1    | O-Ring                |
| 2:2  | 237-21      | 1    | O-Ring                |
| 3    | 340-92      | 2    | Fitting-Straight      |
| 3:1  | 237-78      | 1    | O-Ring                |
| 3:2  | 237-21      | 1    | O-Ring                |
| 4    | 110-0918-01 | 1    | Bracket-Bulkhead, RH  |
| 5    | 110-0917-01 | 1    | Bracket-Bulkhead, LH  |
| 6    | 340-70      | 2    | Nut-Lock              |
| 7    | 110-0915    | 1    | Tube ASM              |
| 7:1  | 237-21      | 1    | O-Ring                |
| 8    | 110-0916    | 1    | Tube ASM              |
| 8:1  | 237-21      | 1    | O-Ring                |
| 9    | 322-4       | 2    | Screw-HH              |

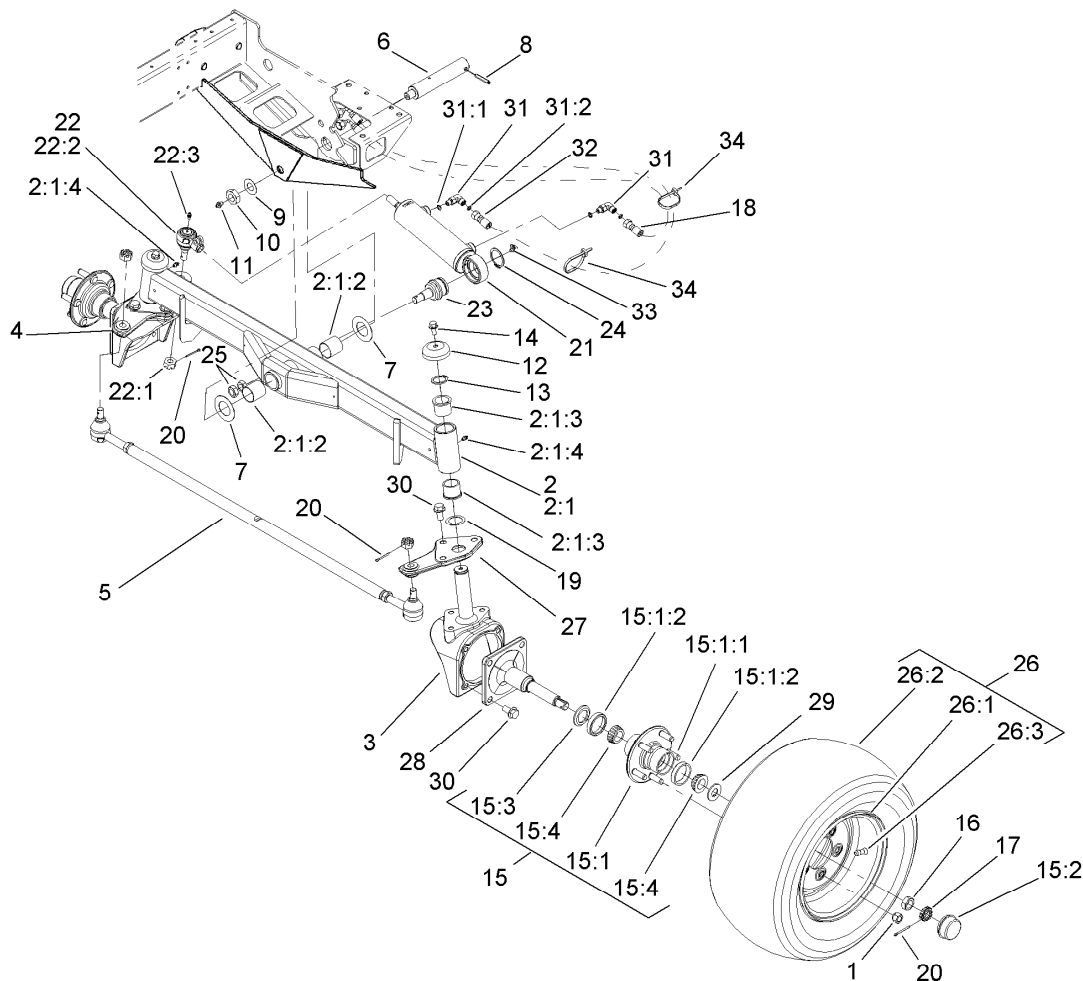
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 10   | 104-8300    | 4    | Nut-HF, NI          |
| 11   | 340-78      | 2    | Nut-Lock            |
| 12   | 110-0930    | 1    | Hose-HYD            |
| 13   | 110-8966    | 1    | Hose-HYD            |
| 14   | 110-0929    | 1    | Hose-HYD            |
| 15   | 110-0931    | 1    | Hose-HYD            |
| 16   | 3234-32     | 4    | Screw-HHF           |
| 17   | 3256-6      | 2    | Washer-Flat         |
| 18   | 107-2077    | 2    | Pin-Cylinder        |
| 19   | 104-0046    | 2    | Pin-Slide, Cylinder |
| 20   | 32120-93    | 4    | Ring-Retaining      |
| 21   | 3-6498      | 4    | Washer-Thrust       |
| 22   | 100-7695    | 1    | Fitting-Elbow 90    |
| 22:1 | 237-78      | 1    | O-Ring              |
| 22:2 | 237-21      | 1    | O-Ring              |



## Rear Lift Arm Assembly

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 110-5339    | 2    | Spacer             |
| 2    | 110-0992    | 1    | No. 2 Lift Arm ASM |
| 2:2  | 93-6696     | 1    | Decal-Warning      |
| 2:3  | 69-6470     | 2    | Bushing-Caster     |
| 2:4  | 104-0015    | 2    | Bushing-Flange     |
| 3    | 110-0993    | 1    | No. 3 Lift Arm ASM |
| 3:2  | 93-6696     | 1    | Decal-Warning      |
| 3:3  | 69-6470     | 2    | Bushing-Caster     |
| 3:4  | 104-0015    | 2    | Bushing-Flange     |
| 4    | 63-8410     | 4    | Washer             |
| 5    | 110-8874-03 | 1    | Catch              |
| 6    | 3234-11     | 2    | Screw-HHF          |
| 7    | 322-10      | 2    | Screw-HH           |
| 8    | 3256-35     | 2    | Washer-Flat        |
| 9    | 107-2062    | 2    | Pin                |
| 10   | 32144-14    | 2    | Screw-HWHTF        |
| 11   | 107-2052    | 2    | Pivot Yoke ASM     |
| 11:2 | 256-254     | 2    | Bushing            |

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 11:3 | 302-5       | 1    | Fitting-Grease         |
| 11:4 | 110-9642    | 1    | Decal-Warning          |
| 12   | 92-1298     | 2    | Pin-Lynch              |
| 13   | 76-2980     | 4    | Washer-Thrust          |
| 14   | 103-0384    | 2    | Spacer                 |
| 15   | 302-5       | 4    | Fitting-Grease         |
| 16   | 107-7400    | 2    | Pin-Lynch              |
| 17   | 107-4027    | 2    | Cap                    |
| 18   | 110-0922    | 2    | Hoop-Chain             |
| 19   | 3296-29     | 2    | Nut-Lock, NI           |
| 20   | 323-7       | 4    | Screw-HH               |
| 21   | 104-8301    | 4    | Nut-HF, NI             |
| 22   | 84-2451     | 2    | Chain-Straight, 5 Link |
| 23   | 99-5608-03  | 1    | Spring-Torsion, RH     |
| 24   | 99-5609-03  | 1    | Spring-Torsion, LH     |
| 25   | 110-5345    | 2    | Washer                 |
| 26   | 110-4088-03 | 1    | Kickstand              |

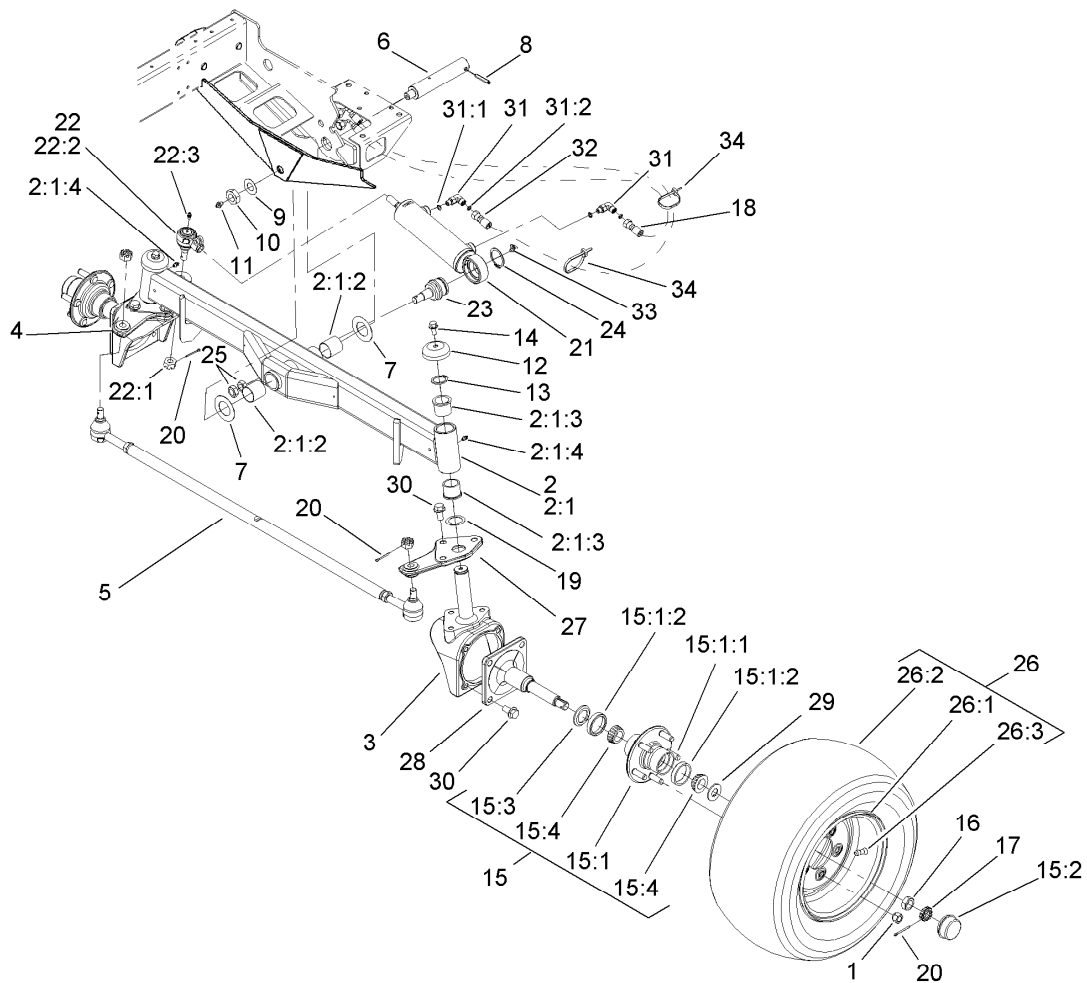


## Rear Axle Assembly

| Ref.   | Part Number | Qty. | Description              | Ref. | Part Number | Qty. | Description              |
|--------|-------------|------|--------------------------|------|-------------|------|--------------------------|
| 1      | 242-50      | 10   | Nut-Lug                  | 16   | 3220-7      | 2    | Nut-Jam                  |
| 2      | 107-4546-03 | 1    | Axle ASM                 | 17   | 93-0307     | 2    | Nut-Lock, Retainer       |
| 2:1    |             | 1    | Axle ●                   | 18   | 110-0928    | 1    | Hose-HYD                 |
| 2:1:2  | 99-6964     | 2    | Bushing-Axle             | 19   | 76-2980     | 2    | Washer-Thrust            |
| 2:1:3  | 104-0015    | 4    | Bushing-Flange           | 20   | 3272-12     | 5    | Pin-Cotter               |
| 2:1:4  | 302-5       | 2    | Fitting-Grease           | 21   | 107-4458    | 1    | Cylinder-HYD             |
| 3      | 107-4517-03 | 2    | Housing-Motor            | 22   | 106-6895    | 1    | Joint-Ball               |
| 4      | 110-5295-03 | 1    | Link-Drag, RH            | 22:1 | 32136-13    | 1    | Nut-SHH                  |
| 5      | 110-5334-03 | 1    | Tie Rod ASM              | 22:2 | 106-6896    | 1    | Seal                     |
| 6      | 98-8173     | 1    | Pin-Pivot, Axle          | 22:3 | 302-5       | 1    | Fitting-Grease           |
| 7      | 99-8432     | 2    | Washer-Thrust            | 23   | 106-6774    | 1    | Joint-Ball               |
| 8      | 32121-32    | 1    | Pin-Roll                 | 24   | 32151-104   | 1    | Ring-Retaining, External |
| 9      | 71-4540     | 1    | Washer-Thrust            | 25   | 3220-6      | 2    | Nut-Jam                  |
| 10     | 32146-20    | 1    | Nut-Hex                  | 26   | 108-1602    | 2    | Wheel And Tire ASM       |
| 11     | 302-33      | 1    | Fitting-Grease           | 26:1 | 108-1600    | 1    | Rim                      |
| 12     | 69-8890     | 2    | Cap-Spindle              | 26:2 | 104-0451    | 1    | Tire-Turf, Trac          |
| 13     | 32151-77    | 2    | Ring-Retaining, External | 26:3 | 232-27      | 1    | Stem-Valve               |
| 14     | 3234-1      | 2    | Screw-HHF                | 27   | 110-5297-03 | 1    | Link-Drag, LH            |
| 15     | 21-0180     | 2    | Hub ASM                  | 28   | 110-5299-03 | 2    | Spindle                  |
| 15:1   | 21-2820     | 1    | Hub                      | 29   | 93-0309     | 2    | Washer-Tab               |
| 15:1:1 | 10-6830     | 5    | Stud-Type, Drive         | 30   | 3234-6      | 14   | Screw-HHF                |
| 15:1:2 | 254-72      | 2    | Bearing-Cup, Tapered     | 31   | 340-132     | 2    | Fitting-Elbow, 90 DEG    |
| 15:2   | 241-119     | 1    | Cap-Dust                 | 31:1 | 237-78      | 1    | O-Ring                   |
| 15:3   | 253-129     | 1    | Seal                     | 31:2 | 237-21      | 1    | O-Ring                   |
| 15:4   | 254-94      | 2    | Bearing-Cone, Tapered    | 32   | 110-0973    | 1    | Hose-HYD                 |

● Not serviced separately

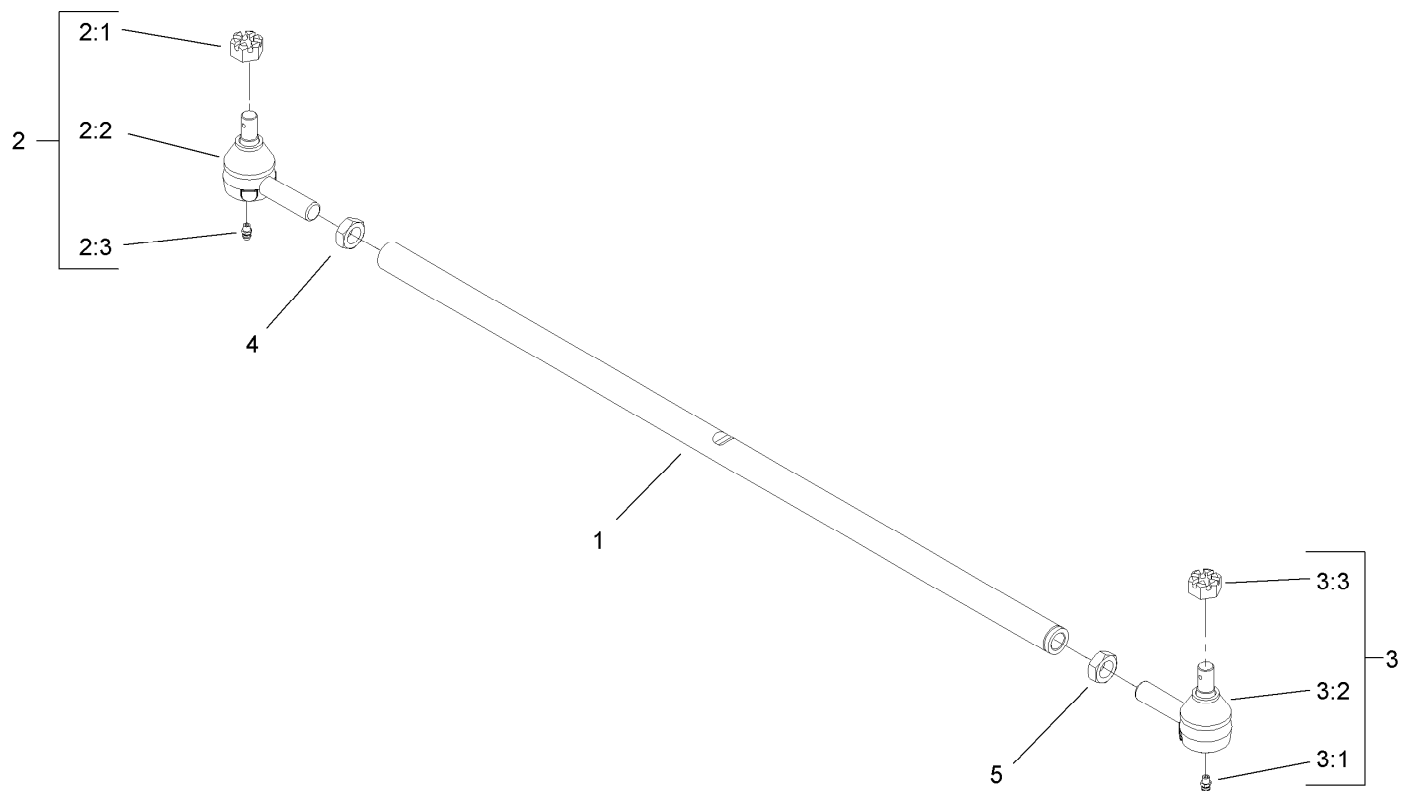




## Rear Axle Assembly (continued)

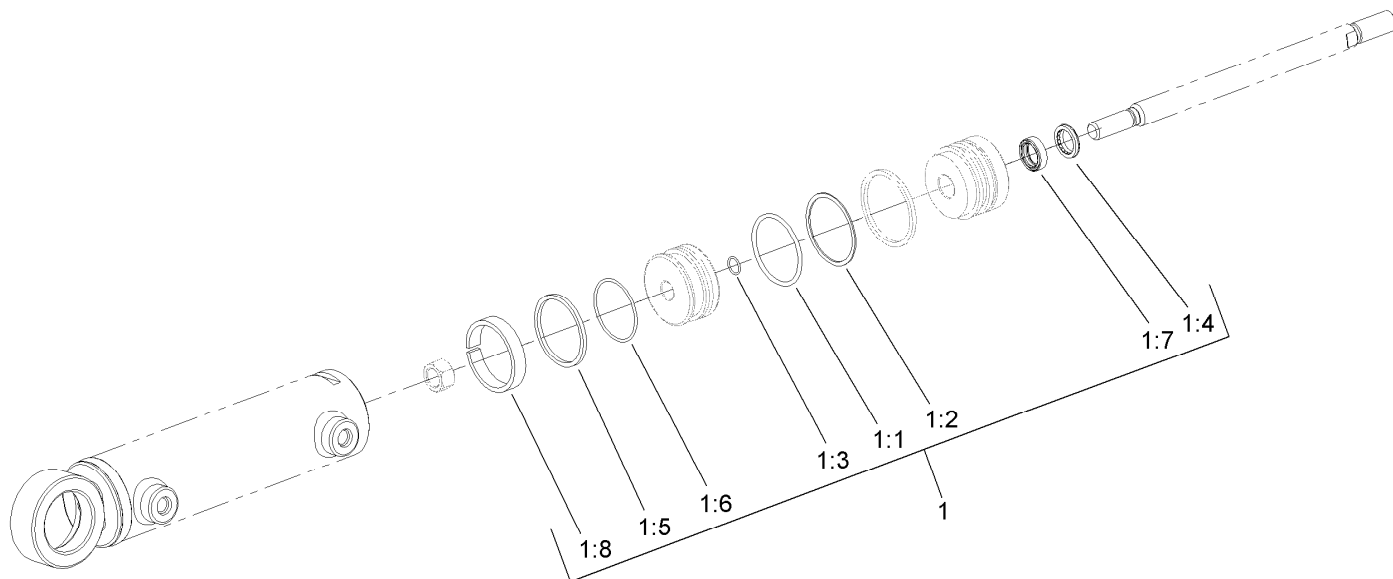
| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 33   | 302-40      | 1    | Fitting-Grease, 90 DEG |
| 34   | 3290-378    | 2    | Tie-Cable              |

● Not serviced separately



## Tie Rod Assembly No. 110-5334-03

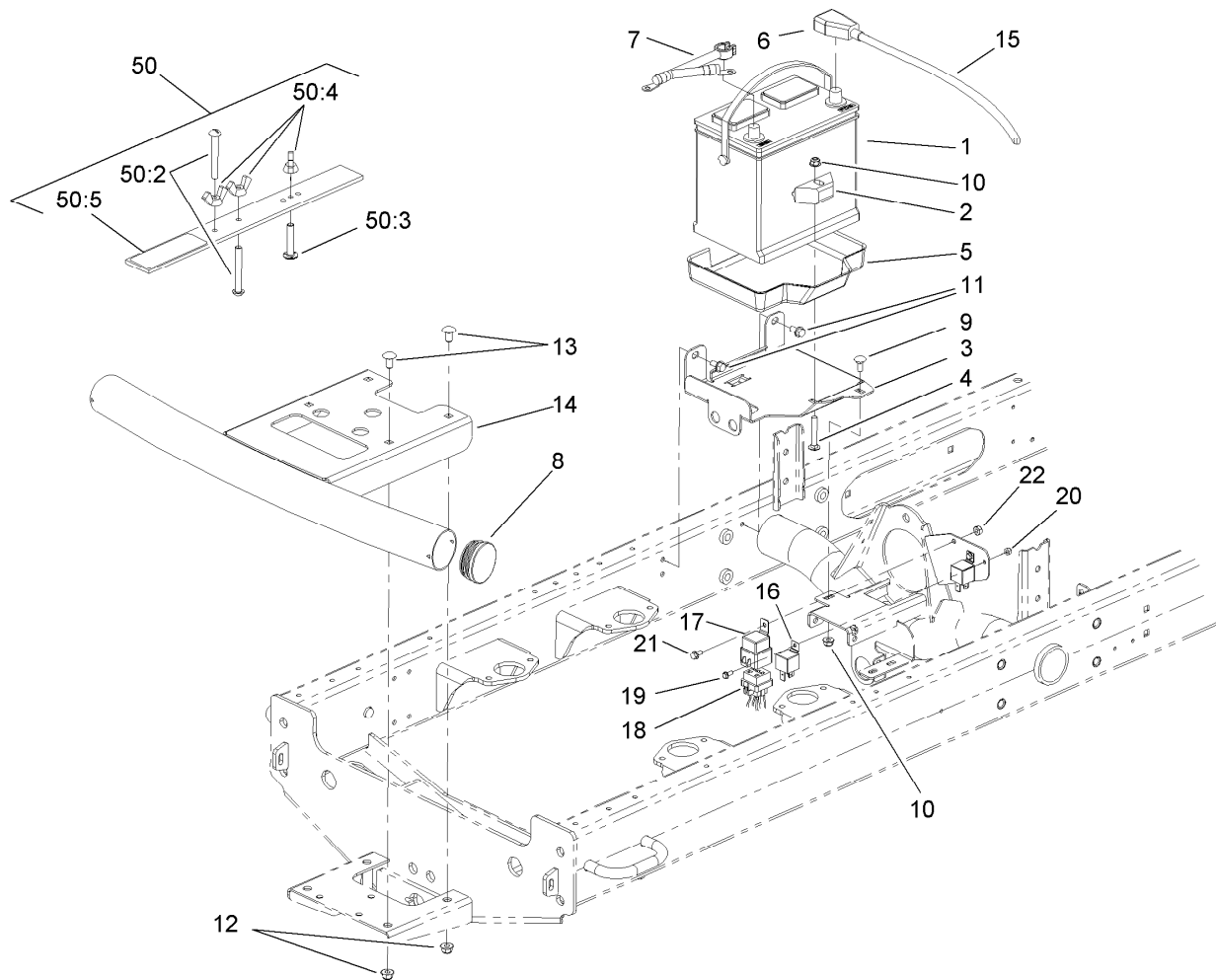
| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 1    | 110-5335    | 1    | Rod-Tie           |
| 2    | 71-4740     | 1    | End-Rod, Tie (RH) |
| 2:1  | 105-7941    | 1    | Nut-Hex, Slotted  |
| 2:2  | 105-7835    | 1    | Seal              |
| 2:3  | 302-5       | 1    | Fitting-Grease    |
| 3    | 2411-46     | 1    | End-Rod, Tie (LH) |
| 3:1  | 302-5       | 1    | Fitting-Grease    |
| 3:2  | 105-7835    | 1    | Seal              |
| 3:3  | 105-7941    | 1    | Nut-Hex, Slotted  |
| 4    | 84-5300     | 1    | Nut-Jam           |
| 5    | 110-5337    | 1    | Nut-Jam           |



## Hydraulic Cylinder Assembly No. 107-4458

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 110-6461           | 1           | Seal Kit           |
| 1:1         |                    | 1           | O-Ring ●           |
| 1:2         |                    | 1           | Ring-Back Up ●     |
| 1:3         |                    | 1           | O-Ring ●           |
| 1:4         |                    | 1           | Wiper ●            |
| 1:5         |                    | 1           | Seal ●             |
| 1:6         |                    | 1           | O-Ring ●           |
| 1:7         |                    | 1           | Seal ●             |
| 1:8         |                    | 1           | Ring-Wear ●        |

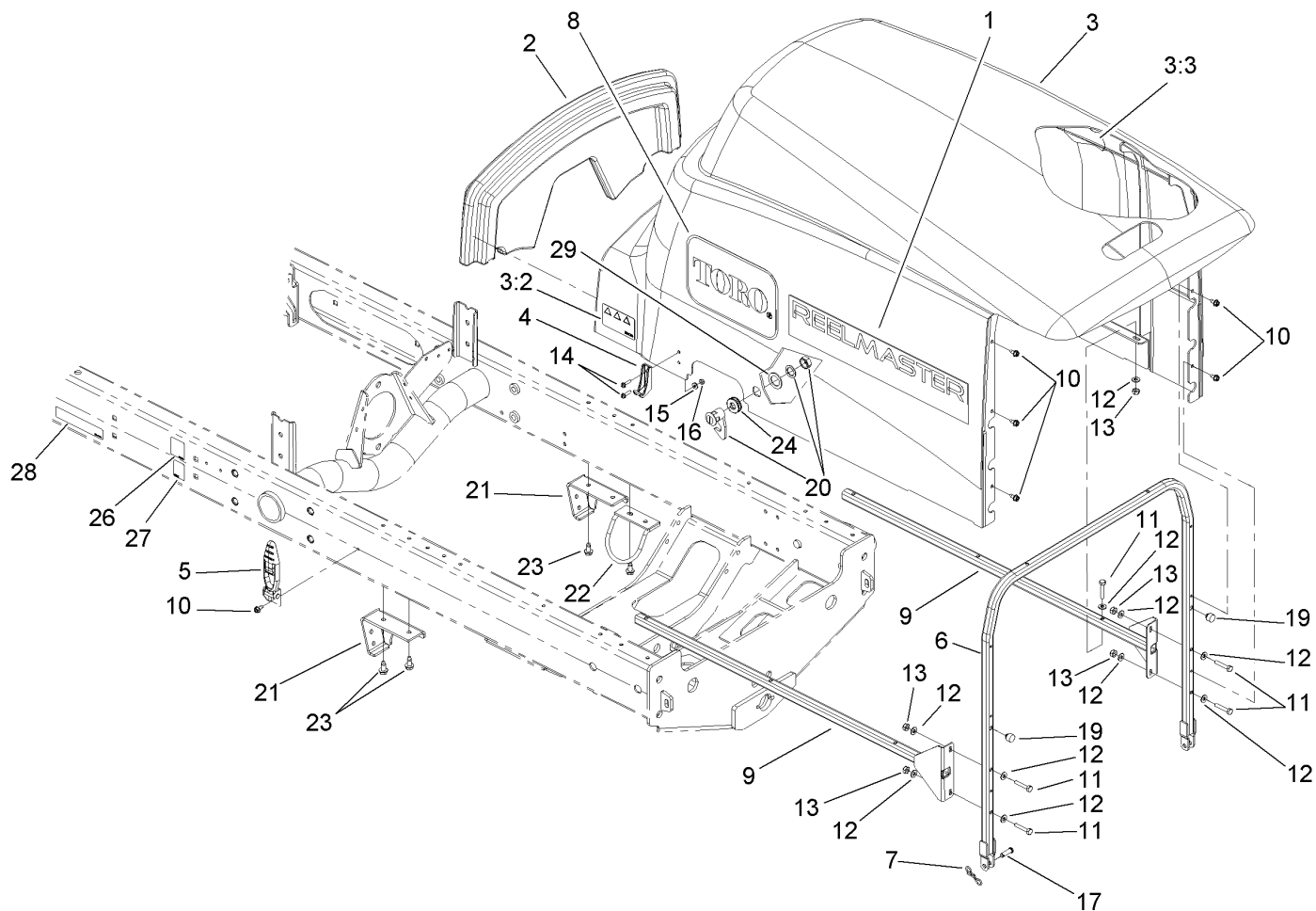
● Not serviced separately



## Battery and Bumper Assembly

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    | 104-9979    | 1    | Battery                 |
| 2    | 66-2490     | 1    | Retainer-Battery        |
| 3    | 110-0907-01 | 1    | Bracket-Battery         |
| 4    | 3230-6      | 1    | Bolt-CARR               |
| 5    | 99-3513     | 1    | Tray-Battery            |
| 6    | 108-1802    | 1    | Cable-Battery, Positive |
| 7    | 110-8813    | 1    | Cable-Battery, Negative |
| 8    | 2410-42     | 2    | Cap-End                 |
| 9    | 3230-1      | 1    | Bolt-CARR               |
| 10   | 104-8300    | 2    | Nut-HF, NI              |
| 11   | 32104-32    | 2    | Screw-HWH               |
| 12   | 104-8301    | 4    | Nut-HF, NI              |
| 13   | 3231-21     | 4    | Screw-CARR              |
| 14   | 110-8951-03 | 1    | Bumper                  |

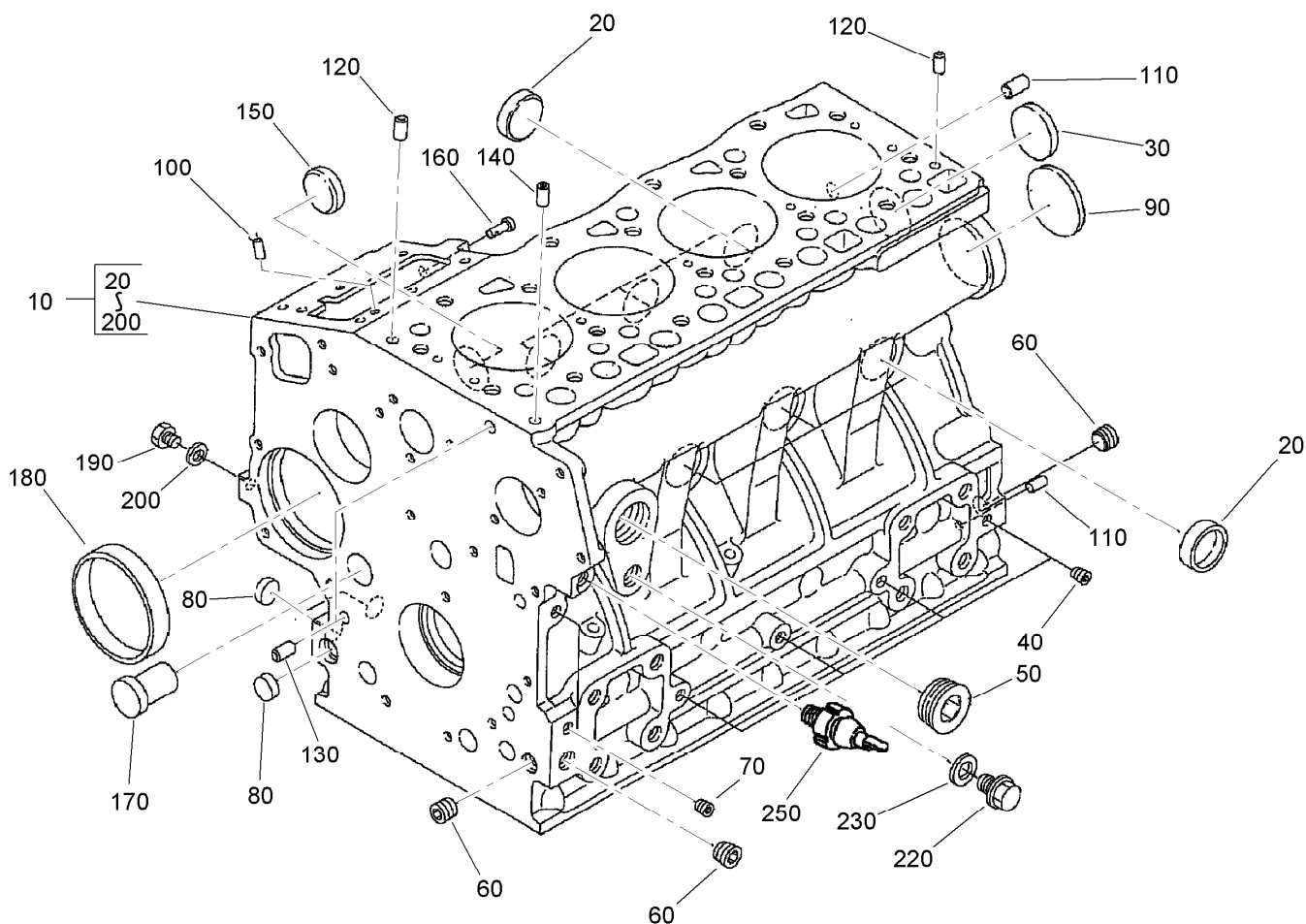
| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 15   | 108-9455    | 1    | Harness-Wire, Fusible Link |
| 16   | 99-7435     | 2    | Relay                      |
| 17   | 99-7430     | 1    | Relay-Mini                 |
| 18   | 106-3616    | 1    | Harness-Wire, Main         |
| 19   | 3290-321    | 2    | Screw-HWH                  |
| 20   | 3296-2      | 2    | Nut-Lock, NI               |
| 21   | 3234-13     | 1    | Screw-HHF                  |
| 22   | 3296-42     | 1    | Nut-Lock, NI               |
| 50   | 108-6715    | 1    | Gauge Bar ASM              |
| 50:2 | 32122-54    | 2    | Screw-Head, Truss          |
| 50:3 | 108-6714    | 1    | Stud-Weld                  |
| 50:4 | 32103-3     | 3    | Nut-Wing                   |
| 50:5 | 108-6712    | 1    | Decal-Gauge, Bar           |



## Hood and Body Panel Assembly

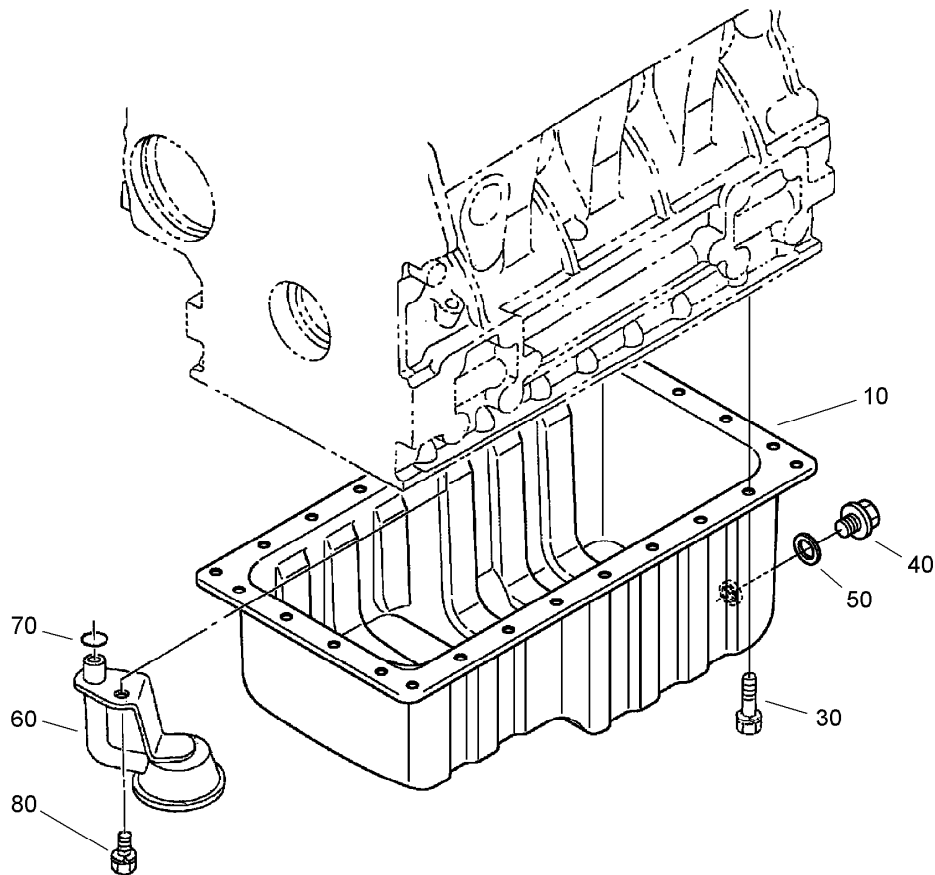
| Ref. | Part Number | Qty. | Description  |
|------|-------------|------|--------------|
| 1    | 110-0964    | 2    | Decal        |
| 2    | 108-7587    | 1    | Saddle-Hood  |
| 3    | 110-8994    | 1    | Hood ASM     |
| 3:2  | 106-6754    | 1    | Decal-Danger |
| 3:3  | 110-5252    | 1    | Foam-Sealed  |
| 4    | 103-2897    | 2    | Latch-Catch  |
| 5    | 103-2898    | 2    | Latch-Rubber |
| 6    | 108-1762-03 | 1    | Tube ASM     |
| 7    | 105-7512    | 2    | Pin-Tie, Bow |
| 8    | 66-6140     | 2    | Decal        |
| 9    | 108-1790-03 | 2    | Tube         |
| 10   | 32104-17    | 8    | Screw-HWH    |
| 11   | 321-13      | 10   | Screw-HH     |
| 12   | 3256-22     | 20   | Washer-Flat  |
| 13   | 3296-42     | 10   | Nut-Lock, NI |

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 14   | 32105-13    | 4    | Screw-HWH         |
| 15   | 3256-14     | 4    | Washer-Flat       |
| 16   | 3296-12     | 4    | Nut-Lock, NI      |
| 17   | 283-61      | 2    | Pin-Yoke          |
| 19   | 107-8042    | 2    | Bumper-Rubber     |
| 20   | 98-5398     | 1    | Latch             |
| 21   | 110-0979-03 | 2    | Bracket-Deflector |
| 22   | 110-8999    | 1    | Guard-Muffler     |
| 23   | 32104-32    | 6    | Screw-HWH         |
| 24   | 104-1453    | 1    | Grommet           |
| 26   | 105-4674    | 1    | Decal-Noise       |
| 27   | 93-7252     | 1    | Decal             |
| 28   | 93-6689     | 2    | Decal-No Riders   |
| 29   | 99-4958     | 1    | Spacer            |



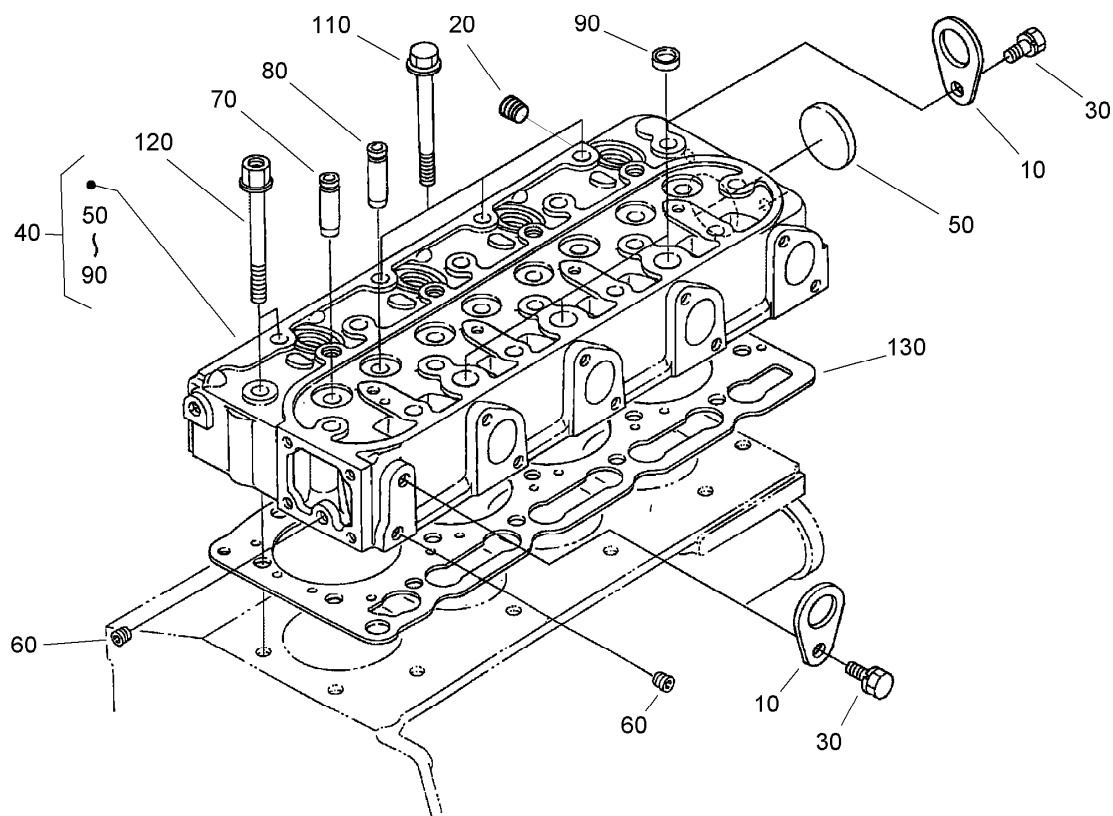
## Crankcase Assembly

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 10   | 108-2851    | 1    | Crankcase ASM          |
| 20   | 98-9398     | 6    | Cap-Sealing            |
| 30   | 98-7539     | 1    | Cap-Sealing            |
| 40   | 98-7540     | 4    | Plug                   |
| 50   | 105-3779    | 1    | Plug                   |
| 60   | 98-9597     | 3    | Plug                   |
| 70   | 98-7487     | 2    | Plug                   |
| 80   | 98-7489     | 3    | Plug                   |
| 90   | 98-9668     | 1    | Plug-Expansion         |
| 100  | 98-9375     | 2    | Pin-Straight           |
| 110  | 98-9377     | 2    | Pin-Straight           |
| 120  | 105-3795    | 2    | Pin-Straight           |
| 130  | 98-9387     | 2    | Pin-Pipe               |
| 140  | 98-9539     | 1    | Pin-Pipe               |
| 150  | 98-9599     | 1    | Plug                   |
| 160  | 105-3796    | 1    | Pin-Spring, Start      |
| 170  | 98-9675     | 1    | Plug                   |
| 180  | 98-9656     | 1    | Bushing-Governor, Gear |
| 190  | 98-7507     | 1    | Plug                   |
| 200  | 98-7428     | 1    | Gasket                 |
| 220  | 99-3447     | 1    | Plug                   |
| 230  | 106-7056    | 1    | Gasket                 |
| 250  | 98-9416     | 1    | Switch-Oil             |



## Oil Pan Assembly

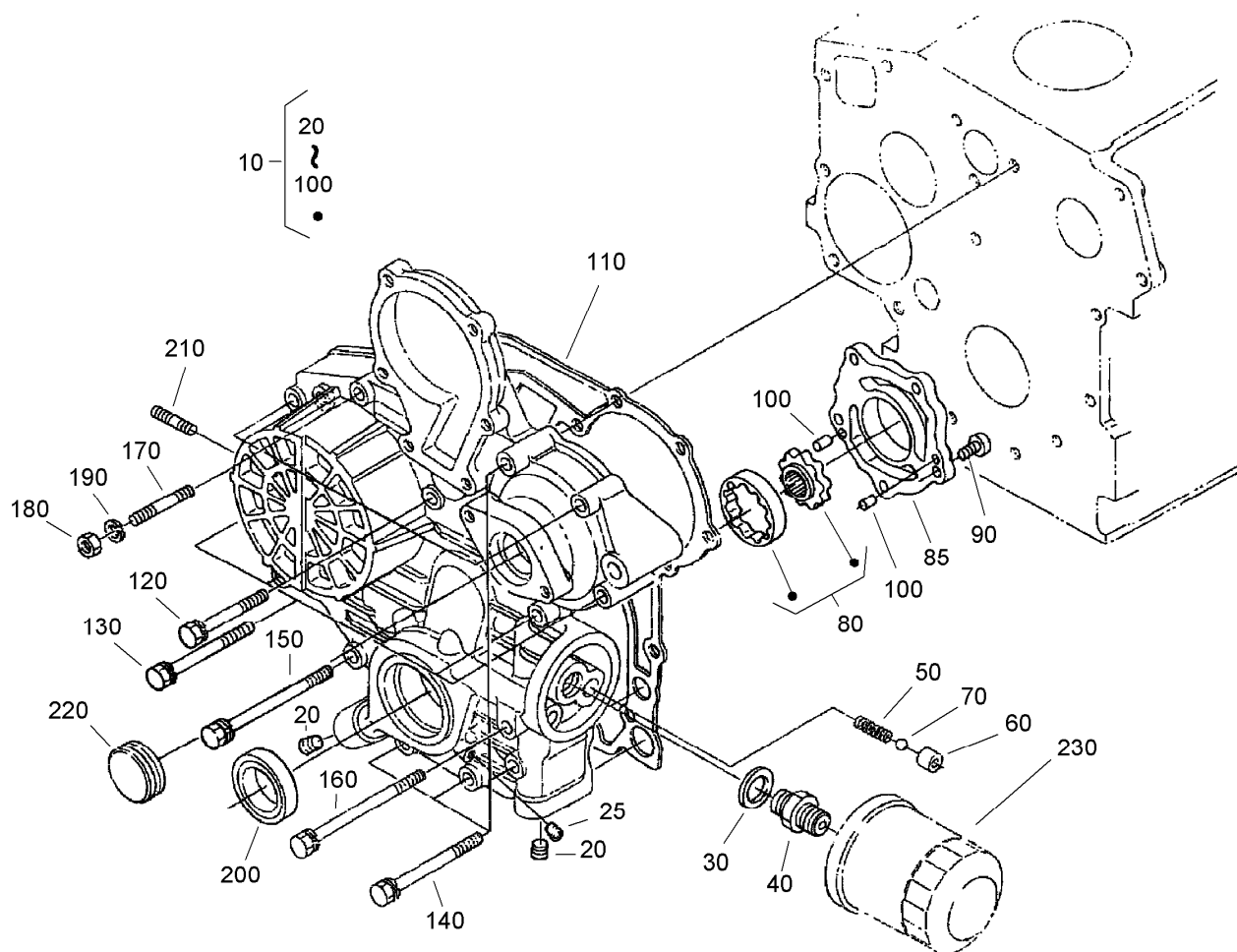
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 10          | 112-0186           | 1           | Oil Pan ASM        |
| 30          | 107-9065           | 26          | Bolt               |
| 40          | 108-6572           | 1           | Plug-Drain         |
| 50          | 110-3704           | 1           | Gasket             |
| 60          | 112-7003           | 1           | Head-Filter, Oil   |
| 70          | 105-3776           | 1           | O-Ring             |
| 80          | 98-7526            | 1           | Bolt               |



## Cylinder Head Assembly

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 10   | 98-7531     | 2    | Hook-Engine           |
| 20   | 98-9444     | 1    | Plug                  |
| 30   | 100-9195    | 2    | Bolt                  |
| 40   | 108-2854    | 1    | Cylinder Head ASM     |
| 50   | 98-9395     | 1    | *obs* Cap-Sealing     |
| 60   | 98-7540     | 2    | Plug                  |
| 70   | 107-9066    | 4    | Guide-Valve, Inlet    |
| 80   | 107-9067    | 4    | Guide-Valve, Exhaust  |
| 90   | 98-9389     | 3    | Cap-Sealing           |
| 110  | 98-9479     | 16   | Bolt-Head, Cylinder   |
| 120  | 98-9647     | 2    | Bolt-Head, Cylinder   |
| 130  | 108-2855    | 1    | Gasket-Head, Cylinder |

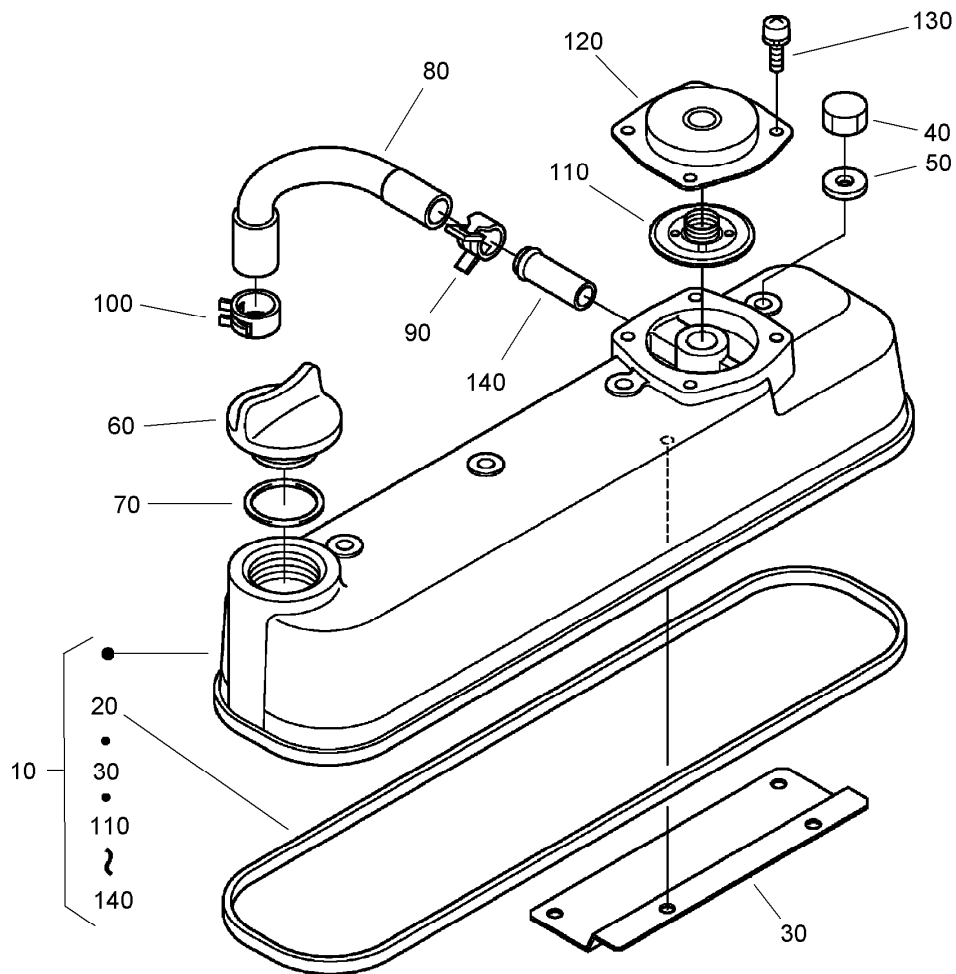




## Gear Case Assembly

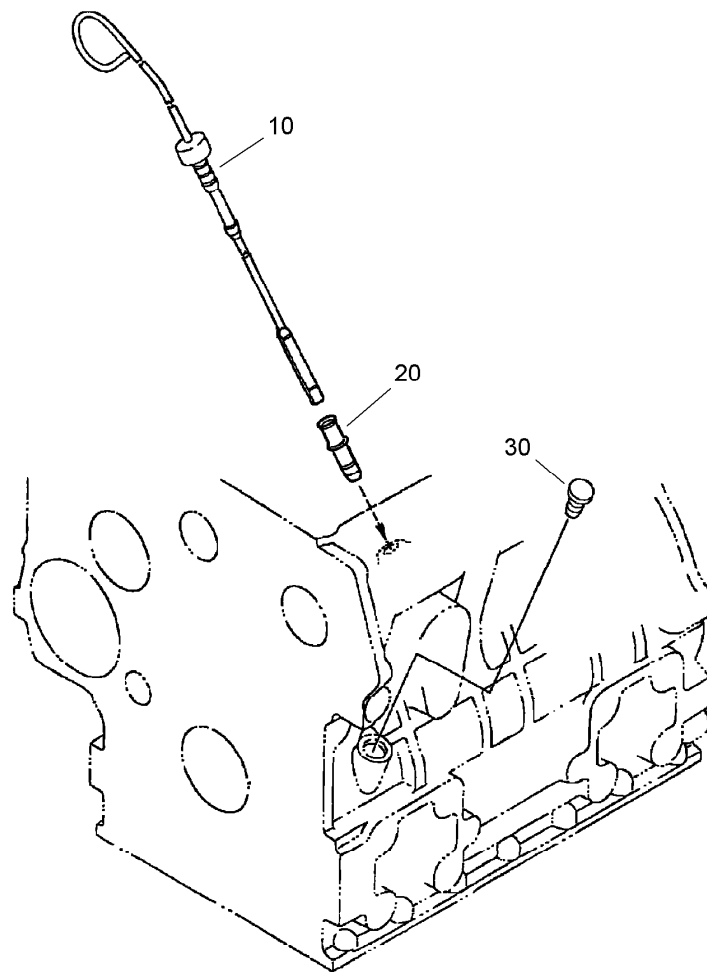
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 10   | 107-9068    | 1    | Gear Case ASM      |
| 20   | 98-9598     | 2    | Plug               |
| 25   | 98-7487     | 1    | Plug               |
| 30   | 98-7562     | 1    | Washer-Plain       |
| 40   | 98-9388     | 1    | Joint-Pipe         |
| 50   | 98-9544     | 1    | Spring             |
| 60   | 98-9543     | 1    | Seat-Valve         |
| 70   | 98-9380     | 1    | Ball               |
| 80   | 98-9540     | 1    | Oil Pump Rotor ASM |
| 85   | 107-9069    | 1    | Cover-Pump, Oil    |
| 90   | 107-9071    | 5    | Screw              |
| 100  | 107-9072    | 2    | Pin-Straight       |
| 110  | 98-9633     | 1    | Gasket-Case, Gear  |

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 120  | 107-9073    | 3    | Bolt             |
| 130  | 105-3797    | 4    | Bolt             |
| 140  | 98-9356     | 4    | Bolt             |
| 150  | 107-9074    | 1    | Bolt             |
| 160  | 98-9586     | 1    | Bolt             |
| 170  | 105-3709    | 1    | Stud             |
| 180  | 98-7572     | 1    | Nut              |
| 190  | 98-7699     | 1    | Washer-Spring    |
| 200  | 98-9482     | 1    | Seal-Oil         |
| 210  | 105-3710    | 2    | Stud             |
| 220  | 98-9641     | 1    | Cover-Case, Gear |
| 230  | 108-3841    | 1    | Filter-Oil       |



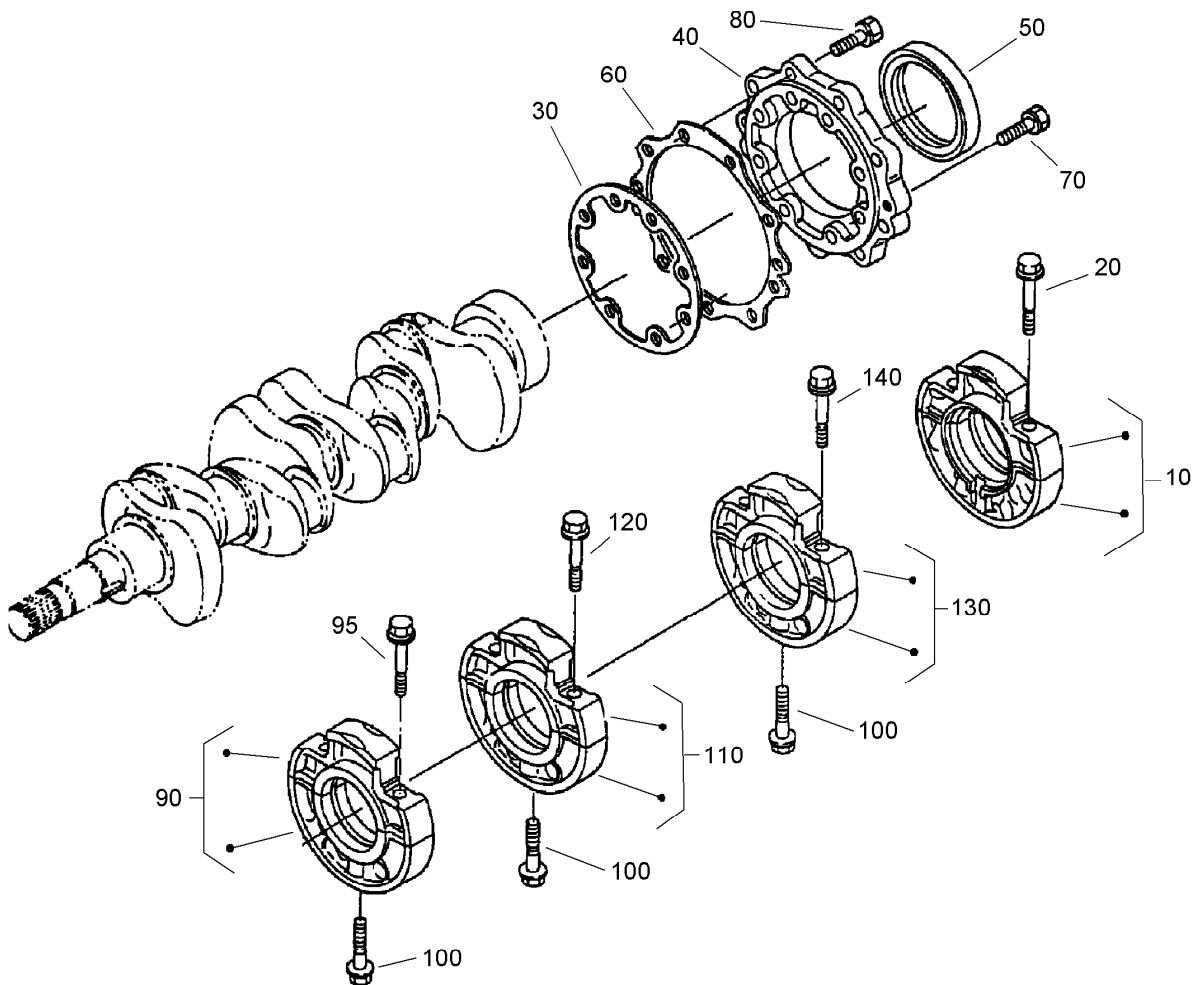
## Cylinder Head Cover Assembly

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>      |
|-------------|--------------------|-------------|-------------------------|
| 10          | 108-2856           | 1           | Cylinder Head Cover ASM |
| 20          | 105-3712           | 1           | Gasket-Cover, Head      |
| 30          | 108-2857           | 1           | Shield-Breather         |
| 40          | 98-9455            | 4           | Nut-Cap                 |
| 50          | 98-9454            | 4           | Gasket                  |
| 60          | 107-9075           | 1           | Plug-Filler, Oil        |
| 70          | 99-3446            | 1           | O-Ring                  |
| 80          | 108-2858           | 1           | Tube-Breather           |
| 90          | 108-2859           | 1           | Clamp-Hose              |
| 100         | 108-2860           | 1           | Clamp-Hose              |
| 110         | 110-3715           | 1           | Valve-Breather          |
| 120         | 110-3714           | 1           | Cover-Breather          |
| 130         | 98-9364            | 4           | Screw (With Washer)     |
| 140         | 98-7766            | 1           | Pipe-Return, Water      |



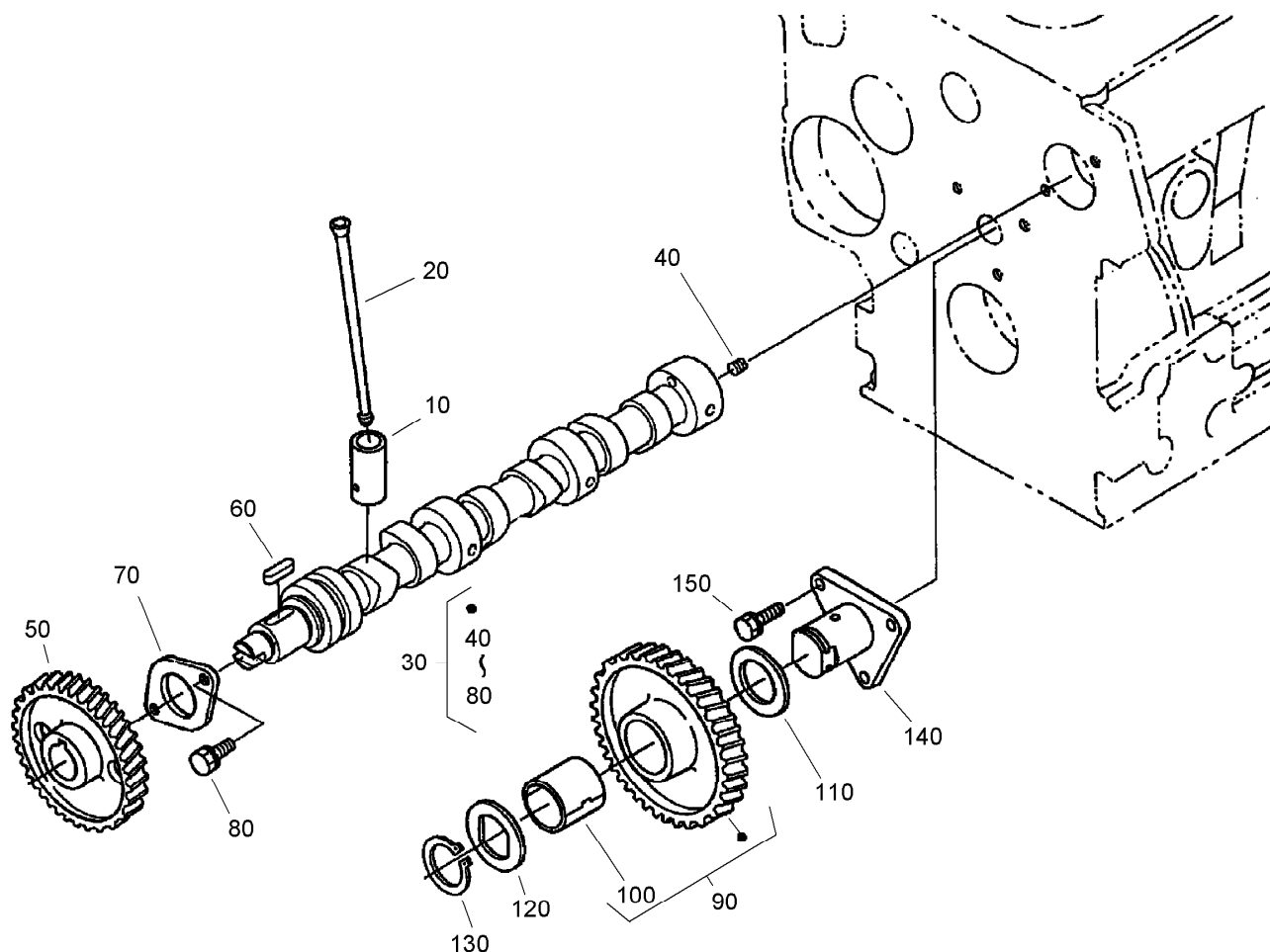
## Oil Gauge Assembly

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 10          | 105-3714           | 1           | Gauge-Oil          |
| 20          | 105-3713           | 1           | Guide-Gauge, Oil   |
| 30          | 110-3720           | 1           | Plug-Gauge, Oil    |



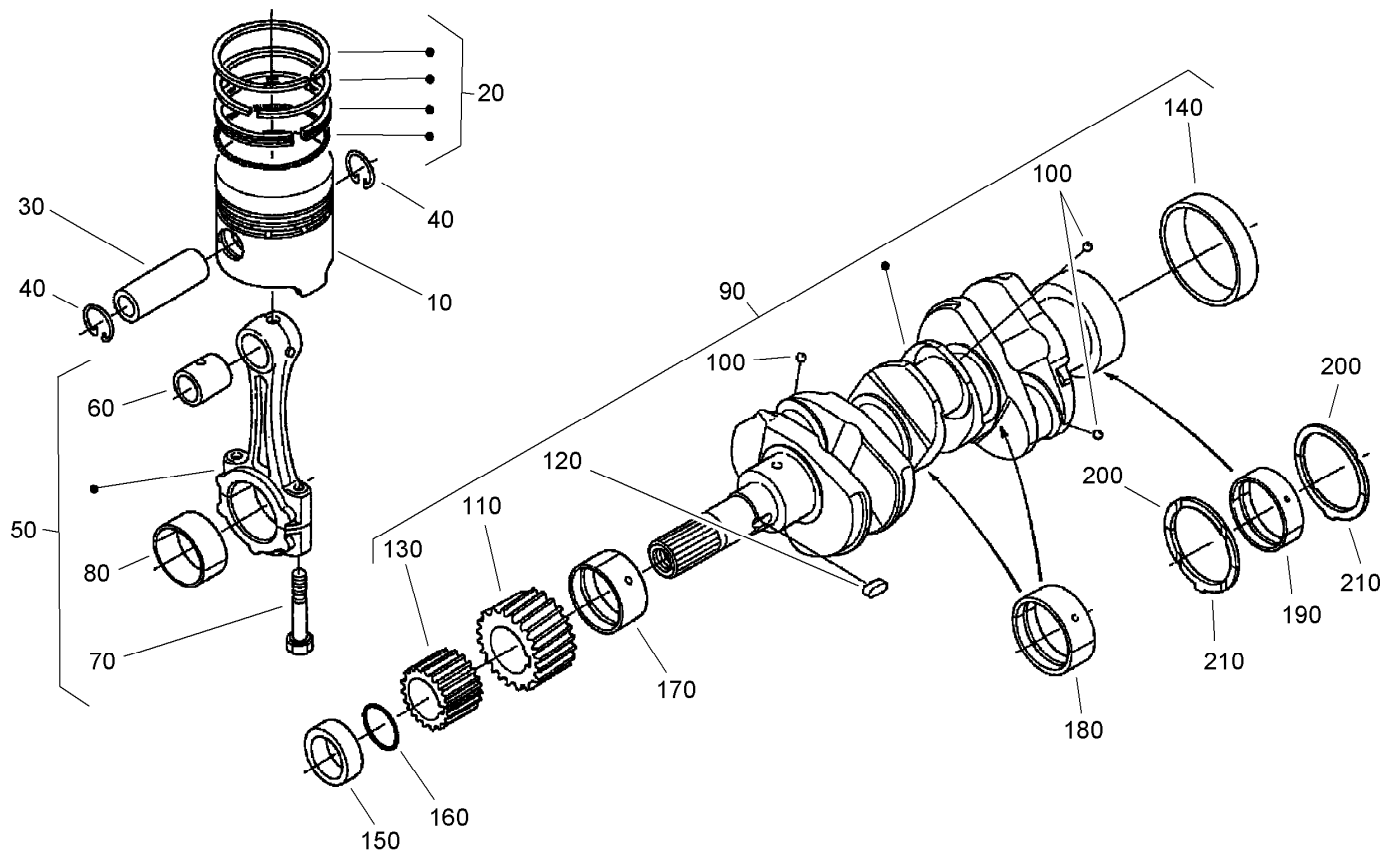
## Main Bearing Case Assembly

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 10   | 98-9480     | 1    | Main Bearing Case ASM      |
| 20   | 98-9484     | 2    | Bolt-Case, Bearing         |
| 30   | 98-9634     | 1    | Gasket-Case, Bearing       |
| 40   | 98-9487     | 1    | Cover-Case, Bearing        |
| 50   | 112-0180    | 1    | Seal-Oil                   |
| 60   | 98-9635     | 1    | Gasket-Cover, Bearing Case |
| 70   | 98-9352     | 8    | Bolt                       |
| 80   | 98-7568     | 9    | Bolt                       |
| 90   | 98-9606     | 1    | Main Bearing Case ASM      |
| 95   | 98-9484     | 2    | Bolt-Case, Bearing         |
| 100  | 98-9485     | 3    | Bolt-Case, Bearing         |
| 110  | 98-9607     | 1    | Main Bearing Case ASM      |
| 120  | 98-9484     | 2    | Bolt-Case, Bearing         |
| 130  | 108-2864    | 1    | Main Bearing Case ASM      |
| 140  | 98-9484     | 2    | Bolt-Case, Bearing         |



## Cam Shaft and Idle Gear Assembly

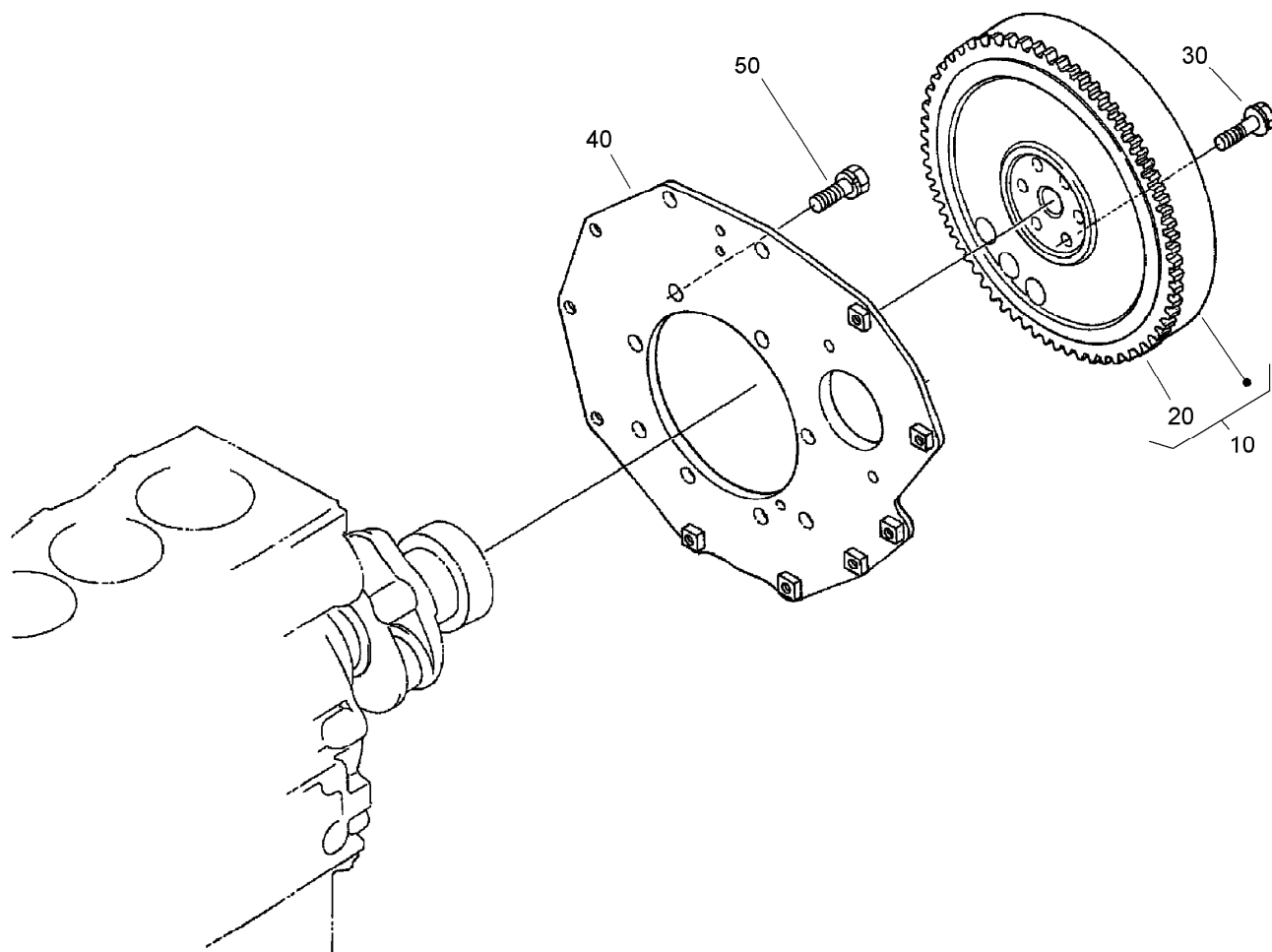
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 10   | 112-0185    | 8    | Tappet             |
| 20   | 98-9509     | 8    | Rod-Push           |
| 30   | 108-2865    | 1    | Camshaft ASM       |
| 40   | 98-7449     | 1    | Screw-Set          |
| 50   | 98-9512     | 1    | Gear-Cam           |
| 60   | 98-9378     | 1    | Key-Feather        |
| 70   | 98-9510     | 1    | Stopper-Camshaft   |
| 80   | 98-7692     | 2    | Bolt               |
| 90   | 98-9649     | 1    | Idle Gear ASM      |
| 100  | 98-9650     | 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               |



## Connecting Rod and Piston Assembly

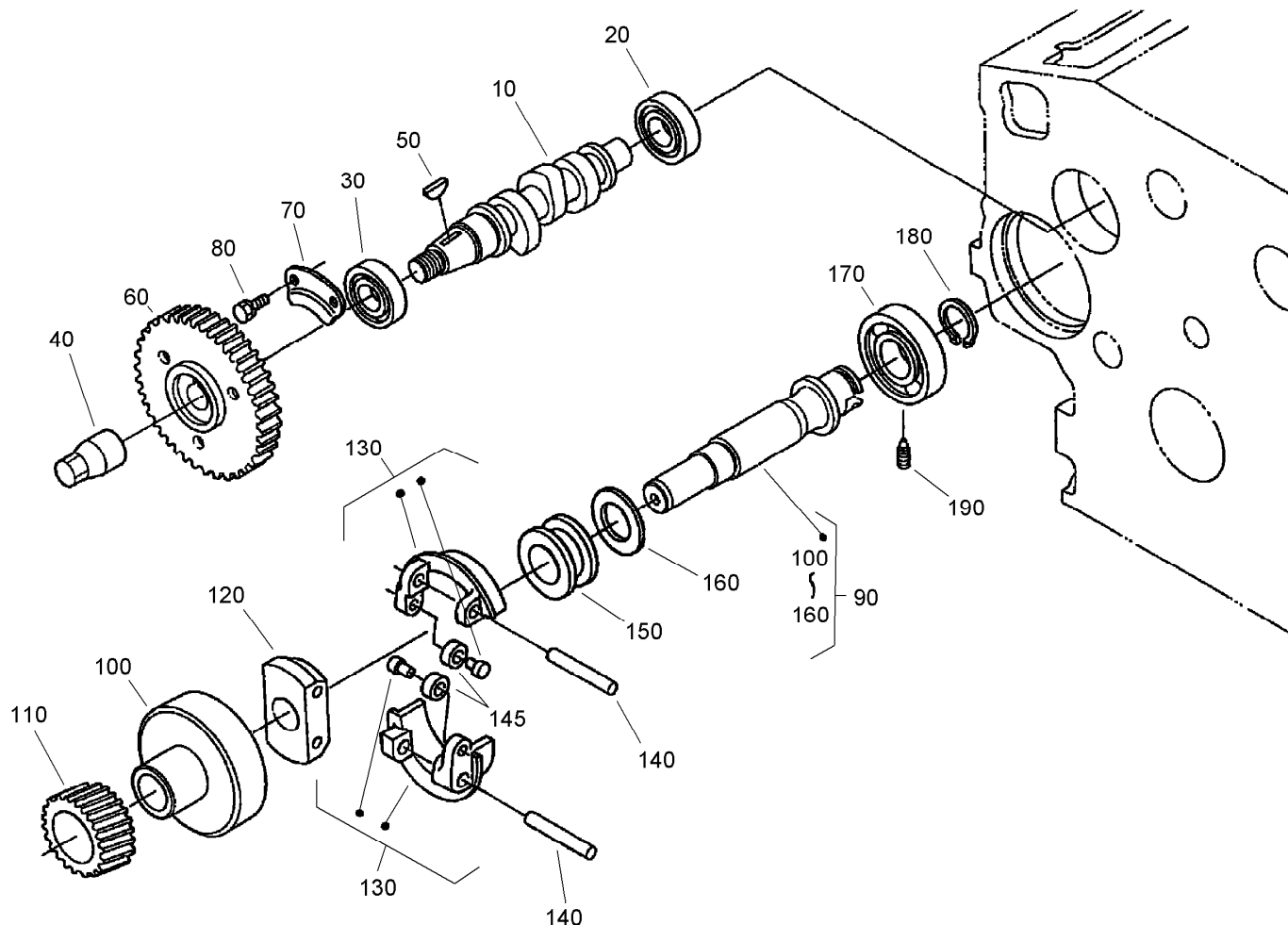
| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 10   | 98-9470     | 4    | Piston (0.5MM)           |
| 10   | 98-9469     | 4    | *obs* Piston (STD)       |
| 20   | 98-9551     | 4    | Piston Ring ASM (STD)    |
| 20   | 108-1404    | 4    | Piston Ring ASM (+0.5MM) |
| 30   | 98-9513     | 4    | Pin-Piston               |
| 40   | 98-9514     | 8    | Circlip-Pin, Piston      |
| 50   | 98-9516     | 4    | Connecting Rod ASM       |
| 60   | 98-9515     | 4    | Bushing-Pin, Piston      |
| 70   | 98-9517     | 8    | Bolt-Rod, Connecting     |
| 80   | 98-9520     | 4    | Bearing-Rod (0.4MM)      |
| 80   | 98-9519     | 4    | Bearing-Rod (-0.2MM)     |
| 80   | 98-9518     | 4    | Metal-Crankpin (STD)     |
| 90   | 105-3718    | 1    | Crankshaft ASM           |
| 100  | 110-3729    | 4    | Ball                     |
| 110  | 98-9532     | 1    | Gear-Crankshaft          |
| 120  | 98-9666     | 1    | Key                      |
| 130  | 98-9542     | 1    | Gear-Drive, Oil Pump     |
| 140  | 98-9522     | 1    | Sleeve-Crankshaft        |

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 150  | 98-9521     | 1    | Collar-Crankshaft          |
| 160  | 105-3783    | 1    | O-Ring                     |
| 170  | 98-9523     | 1    | Metal Crankshaft (STD)     |
| 170  | 98-9528     | 1    | Bearing-Main (-0.2MM)      |
| 170  | 98-9529     | 1    | Bearing-Main (0.4MM)       |
| 180  | 98-9524     | 3    | Metal-Crankshaft (STD Set) |
| 180  | 98-9530     | 3    | Bearing-Main (0.2MM)       |
| 180  | 98-9531     | 3    | Bearing-Main (0.4MM)       |
| 190  | 112-7006    | 1    | Bearing-Main (STD)         |
| 190  | 112-7007    | 1    | Metal-Crankshaft (.2MM)    |
| 190  | 112-7008    | 1    | Metal-Crankshaft (.4MM)    |
| 200  | 98-9413     | 2    | Bearing-Thrust (STD)       |
| 200  | 98-9414     | 2    | Bearing-Thrust (0.2MM)     |
| 200  | 98-9415     | 2    | Bearing-Thrust (0.4MM)     |
| 210  | 98-9688     | 2    | Bearing-Thrust (STD)       |
| 210  | 98-9689     | 2    | Bearing-Thrust (0.2MM)     |
| 210  | 98-9690     | 2    | Bearing-Thrust (0.4MM)     |



## Flywheel Assembly

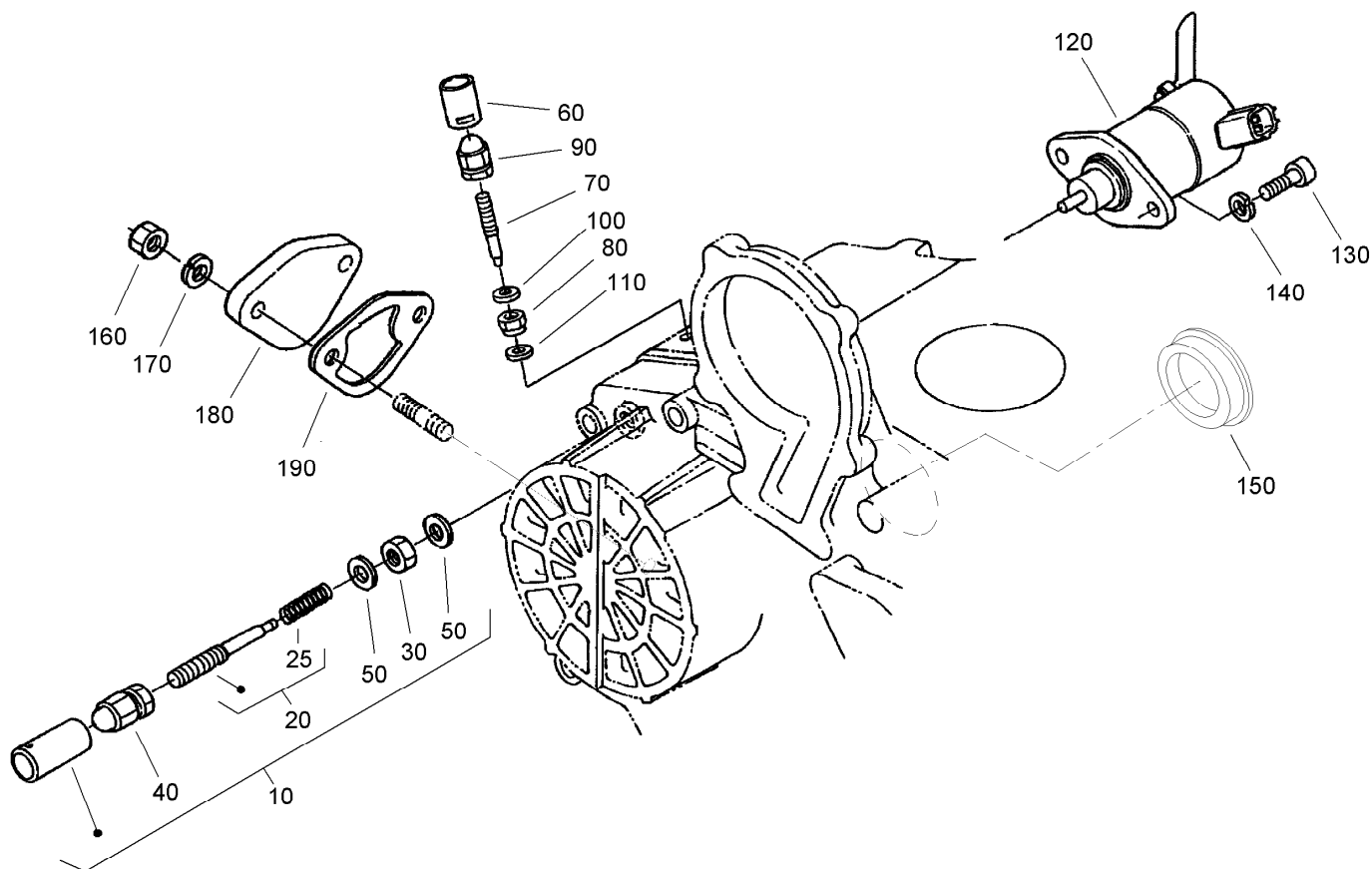
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 10          | 105-3721           | 1           | Flywheel ASM       |
| 20          | 105-3722           | 1           | Gear-Ring          |
| 30          | 98-9537            | 6           | Bolt-Flywheel      |
| 40          | 98-9486            | 1           | Plate-End, Rear    |
| 50          | 98-9392            | 8           | Bolt               |



## Fuel Camshaft and Governor Shaft Assembly

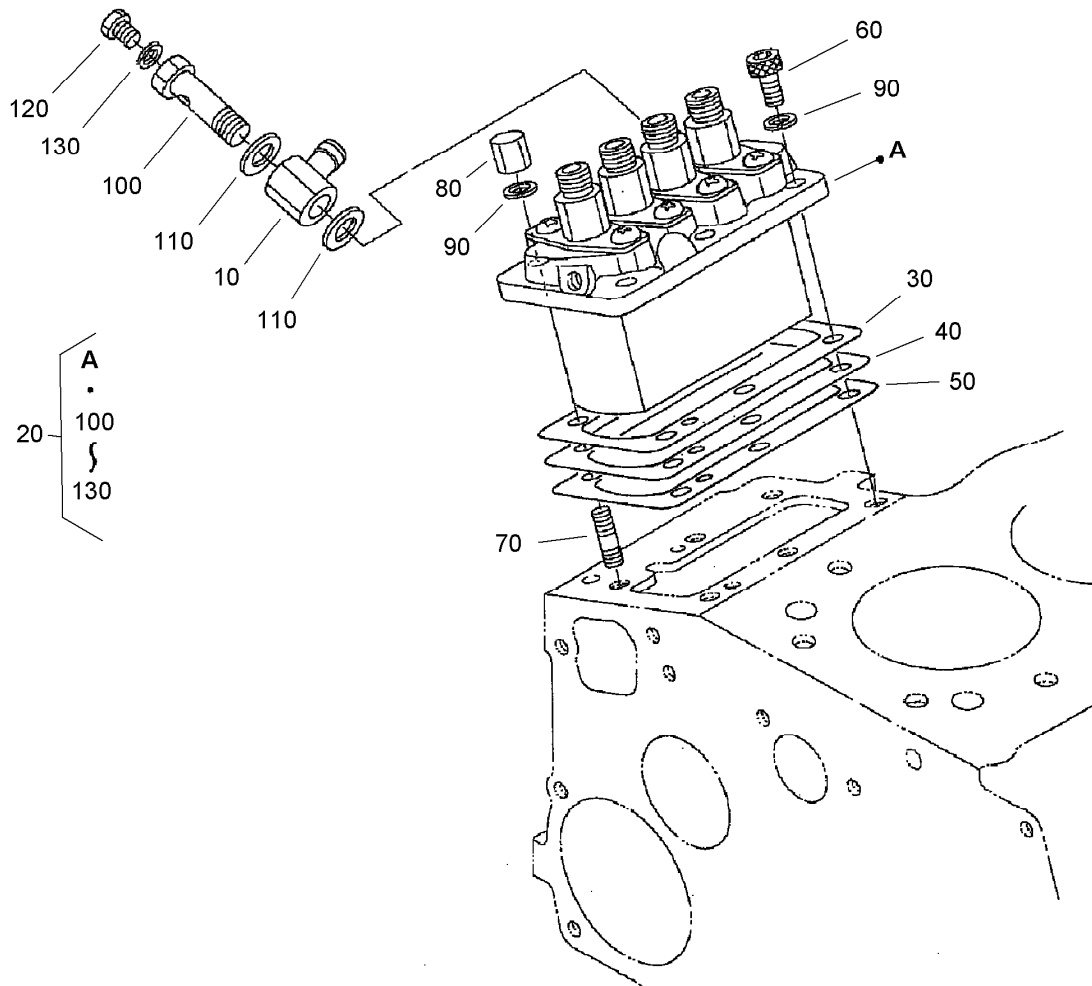
| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 10   | 105-3723    | 1    | Camshaft-Fuel           |
| 20   | 107-9077    | 1    | Bearing-Ball            |
| 30   | 107-9078    | 1    | Bearing-Ball            |
| 40   | 98-9590     | 1    | Nut-Cap                 |
| 50   | 98-9595     | 1    | Key-Woodruff            |
| 60   | 98-9669     | 1    | Gear-Pump, Injection    |
| 70   | 98-9511     | 1    | Stopper-Fuel, Camshaft  |
| 80   | 98-7692     | 2    | Bolt                    |
| 90   | 105-3724    | 1    | Governor Shaft ASM      |
| 100  | 98-9562     | 1    | Holder-Gear, Governor   |
| 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  |
| 145  | 98-9692     | 2    | Roller                  |
| 150  | 98-9563     | 1    | Sleeve-Governor         |
| 160  | 98-9564     | 1    | Washer-Thrust           |
| 170  | 107-9079    | 1    | Bearing-Ball            |
| 180  | 98-9657     | 1    | Circlip-Shaft, Governor |
| 190  | 98-9565     | 1    | Screw-Set               |





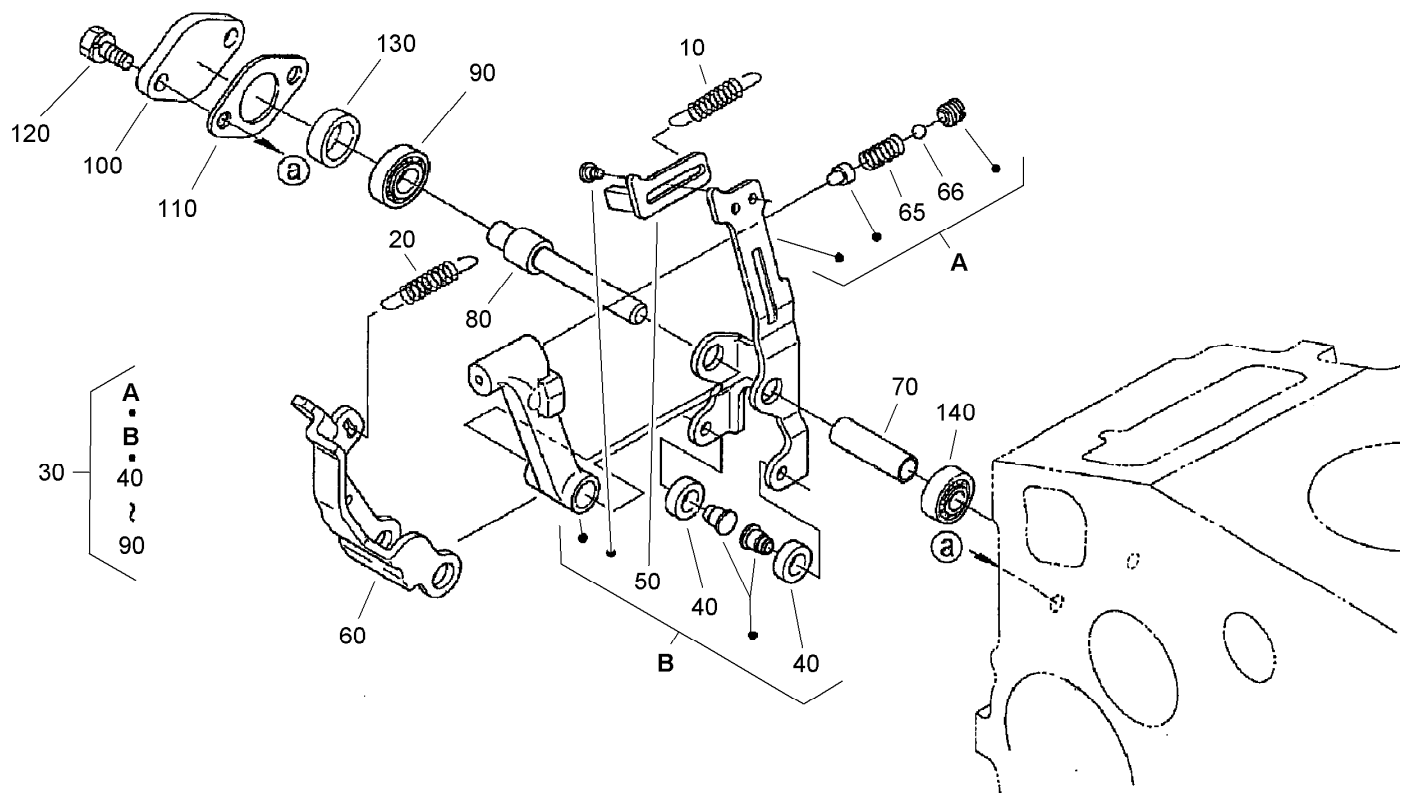
## Idle Apparatus and Solenoid Assembly

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 10   | 98-9678     | 1    | Idle Apparatus ASM |
| 20   | 112-7014    | 1    | Adjusting Bolt ASM |
| 25   | 107-9080    | 1    | Spring             |
| 30   | 98-9439     | 1    | Nut                |
| 40   | 112-0181    | 1    | Nut                |
| 50   | 98-7654     | 2    | Gasket             |
| 60   | 98-7656     | 1    | Cap                |
| 70   | 112-7015    | 1    | Bolt-Adjusting     |
| 80   | 99-3512     | 1    | Nut                |
| 90   | 112-0181    | 1    | Nut                |
| 100  | 98-7654     | 1    | Gasket             |
| 110  | 107-9081    | 1    | Gasket             |
| 120  | 104-5155    | 1    | Solenoid-Stop      |
| 130  | 105-3799    | 2    | Bolt-HSH           |
| 140  | 98-7699     | 2    | Washer-Spring      |
| 150  | 112-7016    | 1    | Cover-Pump         |
| 160  | 98-7572     | 2    | Nut                |
| 170  | 98-7699     | 2    | Washer-Spring      |
| 180  | 99-3514     | 1    | Cover              |
| 190  | 98-9636     | 1    | Gasket-Pump, Fuel  |



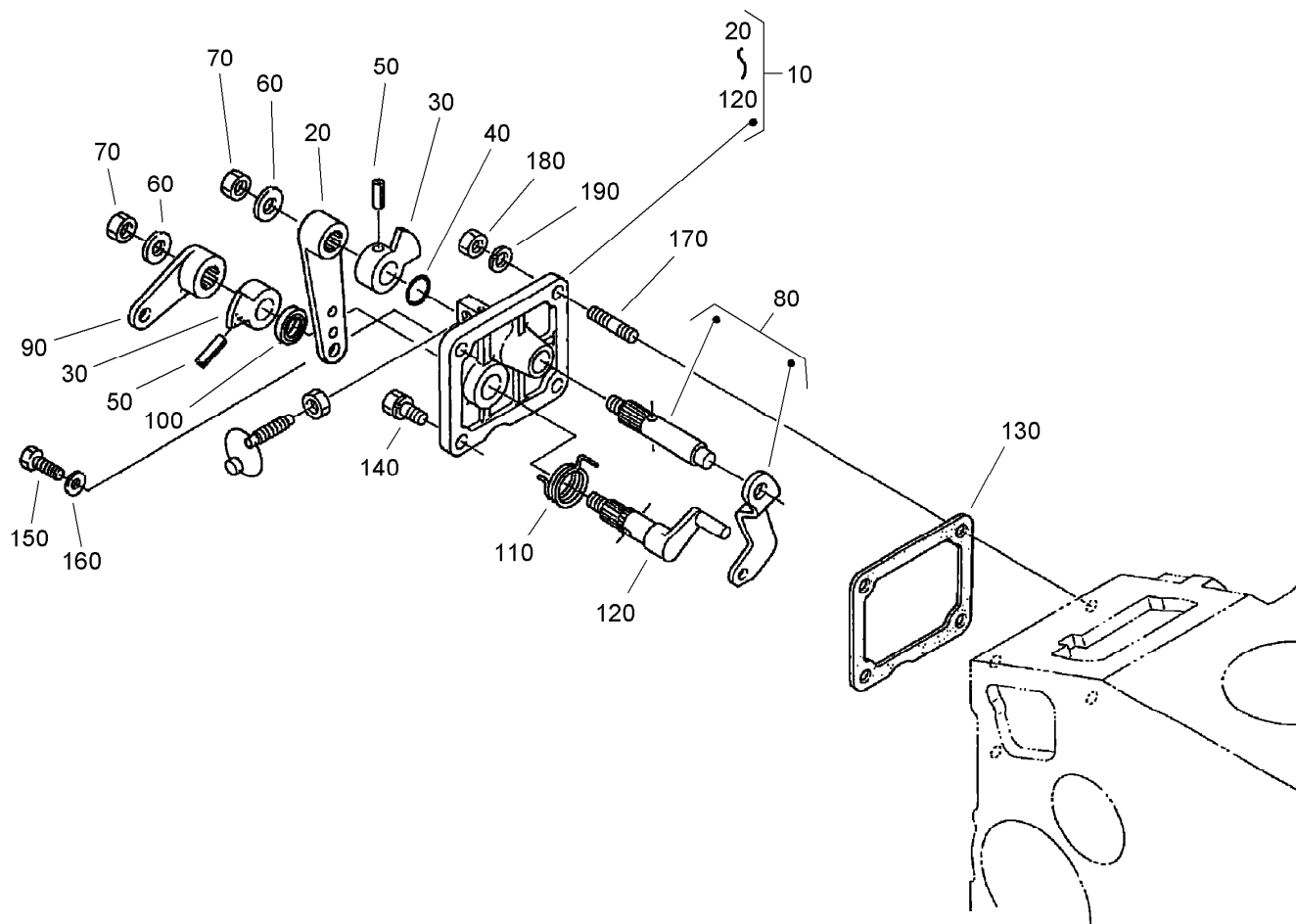
## Injection Pump Assembly

| Ref. | Part Number | Qty. | Description                  |
|------|-------------|------|------------------------------|
| 10   | 98-9596     | 1    | Joint-Eye                    |
| 20   | 105-3727    | 1    | Injection Pump ASM           |
| 30   | 105-3728    | 1    | Shim-Pump, Injection (.20MM) |
| 40   | 105-3729    | 1    | Shim-Pump, Injection (.25MM) |
| 50   | 105-3730    | 1    | Shim-Pump, Injection (.30MM) |
| 60   | 98-9361     | 3    | Bolt-HSH                     |
| 70   | 98-9438     | 3    | Stud                         |
| 80   | 98-9440     | 3    | Nut-Cap                      |
| 90   | 98-7699     | 6    | Washer-Spring                |
| 100  | 98-9464     | 1    | Bolt-Joint                   |
| 110  | 98-9445     | 2    | Gasket                       |
| 120  | 98-9430     | 1    | Screw                        |
| 130  | 98-9446     | 1    | Gasket                       |



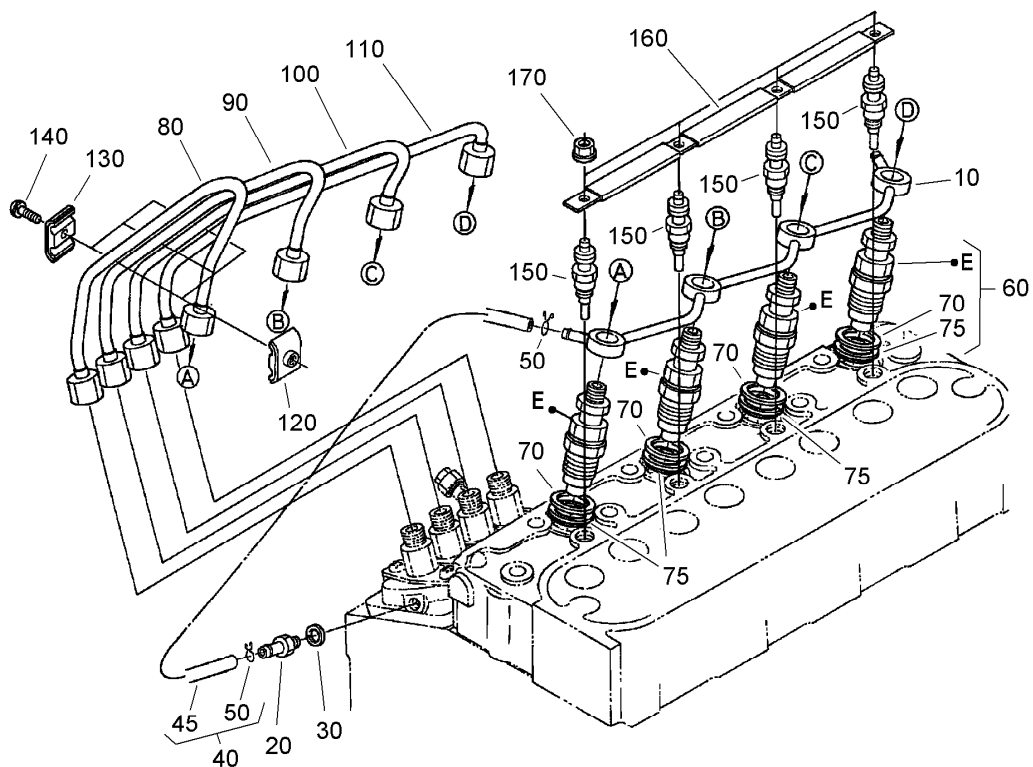
## Governor Assembly

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 10   | 105-3741    | 1    | Spring-Start            |
| 20   | 98-9681     | 1    | Spring-Governor         |
| 30   | 107-9082    | 1    | Fork Lever ASM          |
| 40   | 98-9692     | 2    | Roller                  |
| 50   | 107-9083    | 1    | Lever-Thrust            |
| 60   | 107-9084    | 1    | Lever-Fork              |
| 65   | 108-2867    | 1    | Spring                  |
| 66   | 98-7580     | 2    | Ball                    |
| 70   | 107-9085    | 1    | Shaft-Lever, Fork       |
| 80   | 107-9086    | 1    | Shaft-Lever, Fork       |
| 90   | 98-9570     | 1    | Bearing-Miniaturize     |
| 100  | 98-9569     | 1    | Cover-Shaft, Fork Lever |
| 110  | 98-9682     | 1    | Gasket                  |
| 120  | 98-9351     | 2    | Bolt                    |
| 130  | 98-9567     | 1    | Collar                  |
| 140  | 98-9571     | 1    | Bearing-Miniaturize     |



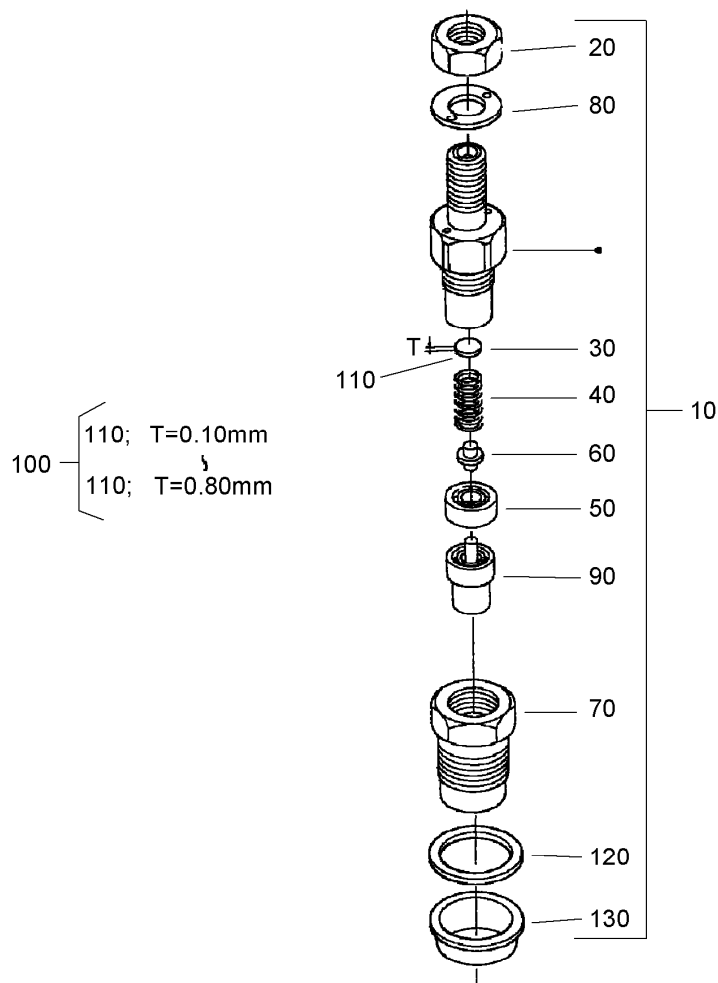
## Speed Control Plate Assembly

| 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        |
| 120  | 98-9664     | 1    | Shaft-Lever, Stop    |
| 130  | 98-9637     | 1    | Gasket               |
| 140  | 98-7692     | 1    | Bolt                 |
| 150  | 99-8348     | 1    | Bolt                 |
| 160  | 98-7654     | 2    | Gasket               |
| 170  | 105-3710    | 2    | Stud                 |
| 180  | 98-7572     | 2    | Nut                  |
| 190  | 98-7699     | 2    | Washer-Spring        |



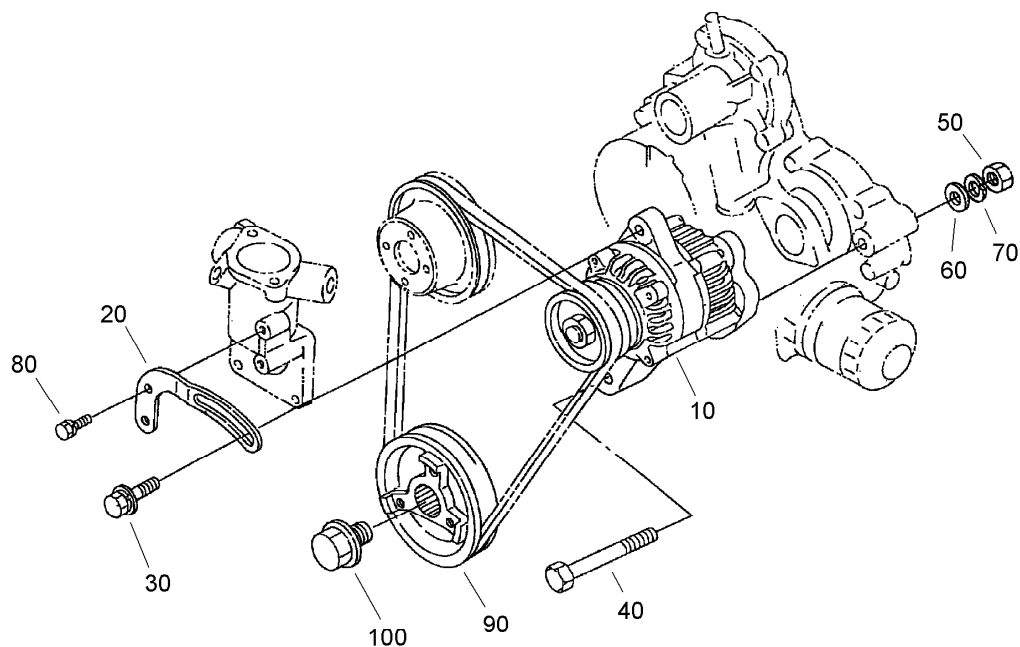
## Injector Assembly

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 10   | 105-3737    | 1    | Over Flow Pipe ASM |
| 20   | 98-9431     | 1    | Screw-Bleeder, Air |
| 30   | 98-7654     | 1    | Gasket             |
| 40   | 98-9420     | 1    | Overflow Pipe ASM  |
| 45   | 112-0182    | 1    | Pipe-Overflow      |
| 50   | 98-7671     | 2    | Clip-Pipe          |
| 60   | 108-2866    | 4    | Nozzle Holder Kit  |
| 70   | 98-7676     | 4    | Gasket             |
| 75   | 98-7677     | 4    | Seal-Heat          |
| 80   | 98-9653     | 1    | Pipe-Injection     |
| 90   | 98-9654     | 1    | Pipe-Injection     |
| 100  | 98-9655     | 1    | Pipe-Injection     |
| 110  | 105-3738    | 1    | Pipe-Injection     |
| 120  | 98-7682     | 3    | Clamp-Pipe         |
| 130  | 98-7683     | 3    | Clamp-Pipe         |
| 140  | 98-7684     | 3    | Screw (W/Washer)   |
| 150  | 98-9695     | 4    | Plug-Glow          |
| 160  | 105-3739    | 1    | Cord-Plug, Glow    |
| 170  | 99-8377     | 4    | Nut-Flange         |



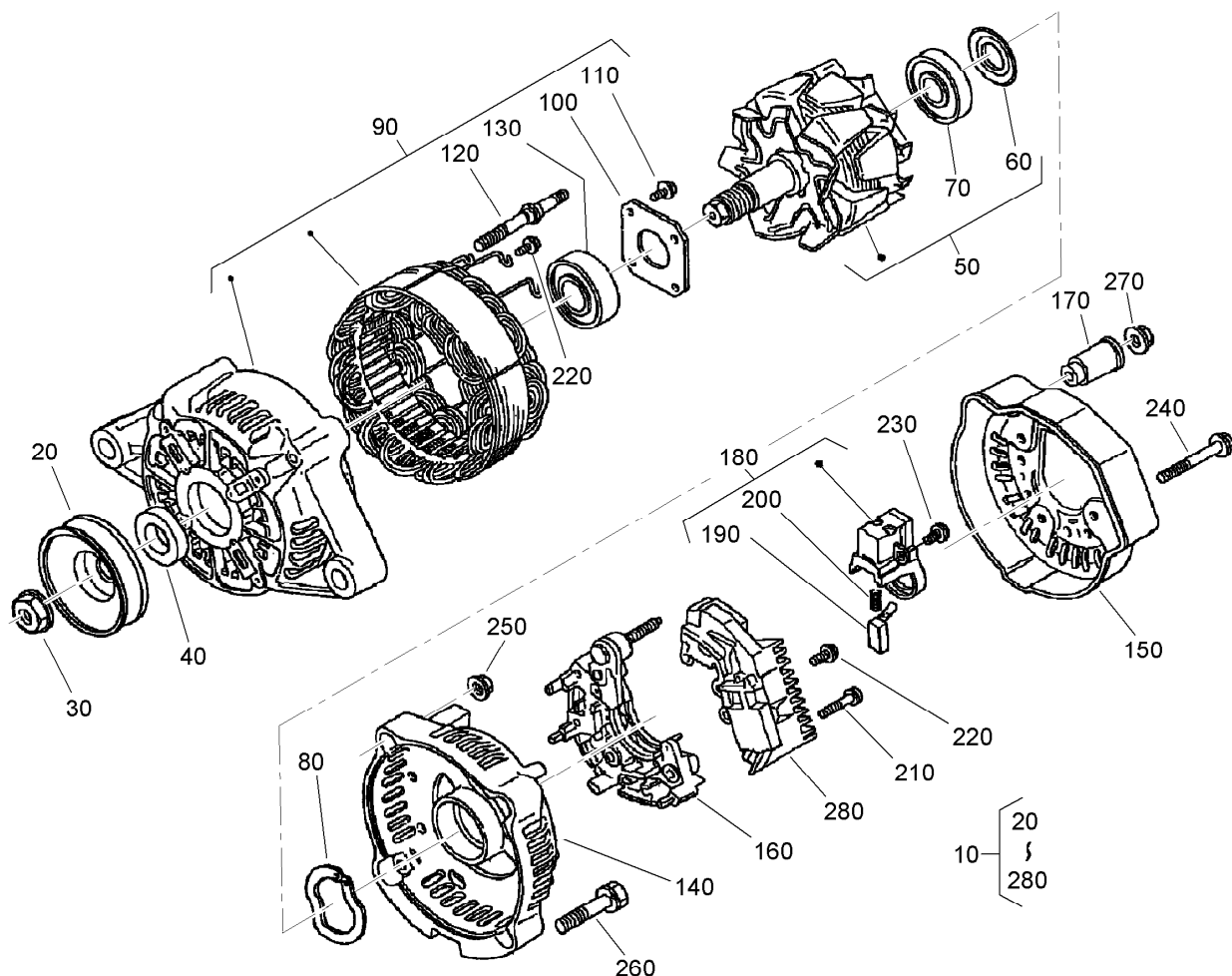
## Nozzle Holder Component Assembly

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 10   | 108-2866    | 4    | Nozzle Holder Kit      |
| 20   | 99-8301     | 4    | Nut                    |
| 30   | 99-8302     | 4    | Washer-Adjusting       |
| 40   | 99-8303     | 4    | Spring-Nozzle          |
| 50   | 99-8304     | 4    | Spacer-Distance        |
| 60   | 99-8305     | 4    | Rod-Push               |
| 70   | 99-8306     | 4    | Nut-Nozzle             |
| 80   | 99-8307     | 4    | Washer-Plain           |
| 90   | 107-7826    | 4    | Piece-Nozzle           |
| 100  | 99-8309     | 4    | Adjusting Washer ASM   |
| 110  | 99-8310     | 4    | Washer-Adjust (0.10MM) |
| 110  | 99-8311     | 4    | Washer-Adjust (0.20MM) |
| 110  | 99-8312     | 4    | Washer-Adjust (0.30MM) |
| 110  | 99-8313     | 4    | Washer-Adjust (0.40MM) |
| 110  | 99-8314     | 4    | Washer-Adjust (0.50MM) |
| 110  | 99-8315     | 4    | Washer-Adjust (0.52MM) |
| 110  | 99-8316     | 4    | Washer-Adjust (0.54MM) |
| 110  | 99-8317     | 4    | Washer-Adjust (0.56MM) |
| 110  | 99-8318     | 4    | Washer-Adjust (0.58MM) |
| 110  | 99-8319     | 4    | Washer-Adjust (0.80MM) |
| 120  | 98-7676     | 4    | Gasket                 |
| 130  | 98-7677     | 4    | Seal-Heat              |



## Alternator Assembly

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 10          | 98-9474            | 1           | Alternator ASM     |
| 20          | 98-9573            | 1           | Stay-Dynamo        |
| 30          | 108-7088           | 1           | Bolt               |
| 40          | 98-9360            | 1           | Bolt               |
| 50          | 98-7737            | 1           | Nut                |
| 60          | 98-7696            | 1           | Washer-Plain       |
| 70          | 98-7738            | 1           | Washer-Spring      |
| 80          | 98-7692            | 1           | Bolt               |
| 90          | 105-3745           | 1           | Pulley-Drive, Fan  |
| 100         | 98-9585            | 1           | Bolt               |

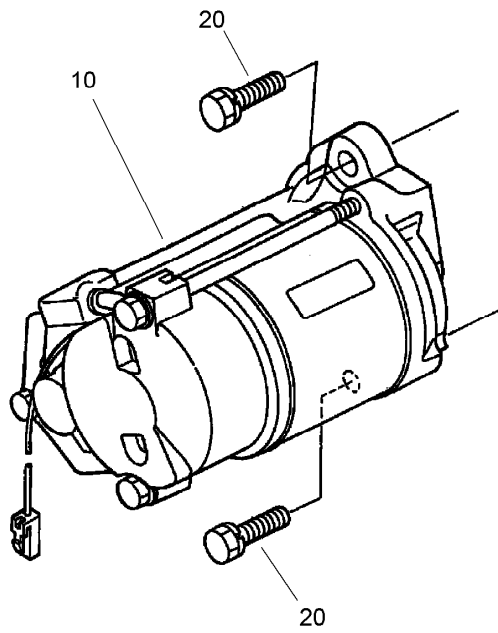


## Alternator Assembly No. 98-9474

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 10   | 98-9474     | 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   | 107-0139    | 1    | Drive End Frame ASM |
| 100  | 98-7715     | 1    | Plate-Retainer      |
| 110  | 98-7716     | 4    | Screw-Head, Round   |
| 120  | 98-7717     | 2    | Bolt-Through        |
| 130  | 107-0137    | 1    | Bearing-Ball        |
| 140  | 107-9087    | 1    | Frame-End           |

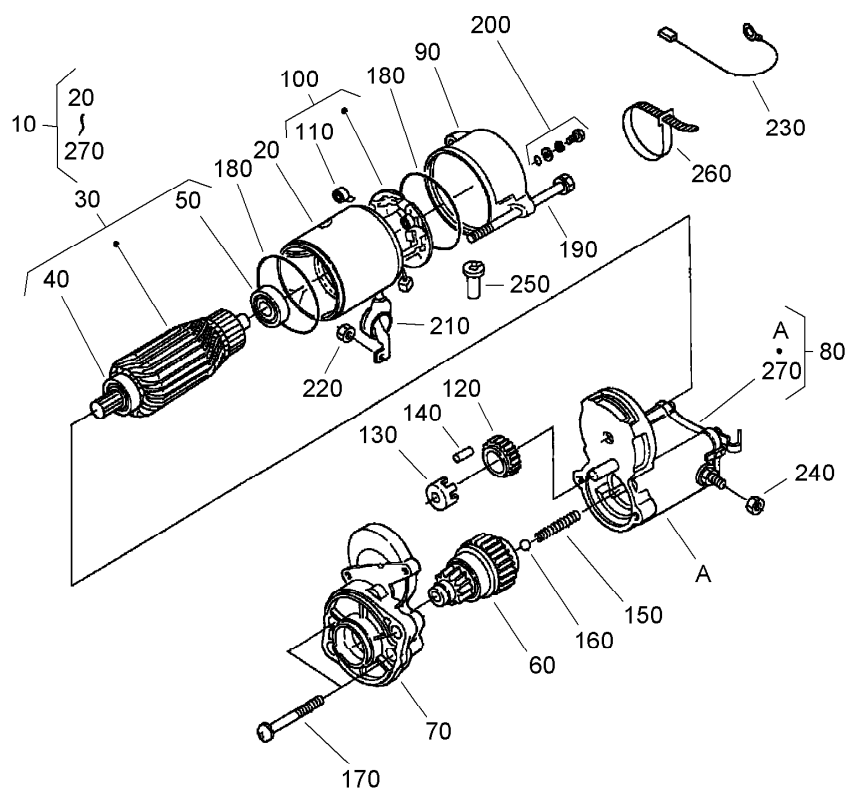
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 150  | 107-0140    | 1    | Cover-End          |
| 160  | 98-9476     | 1    | Rectifier ASM      |
| 170  | 98-7722     | 1    | Bushing-Insulation |
| 180  | 107-0141    | 1    | Brush Holder ASM   |
| 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  | 110-3799    | 1    | Regulator ASM      |





## Starter Assembly

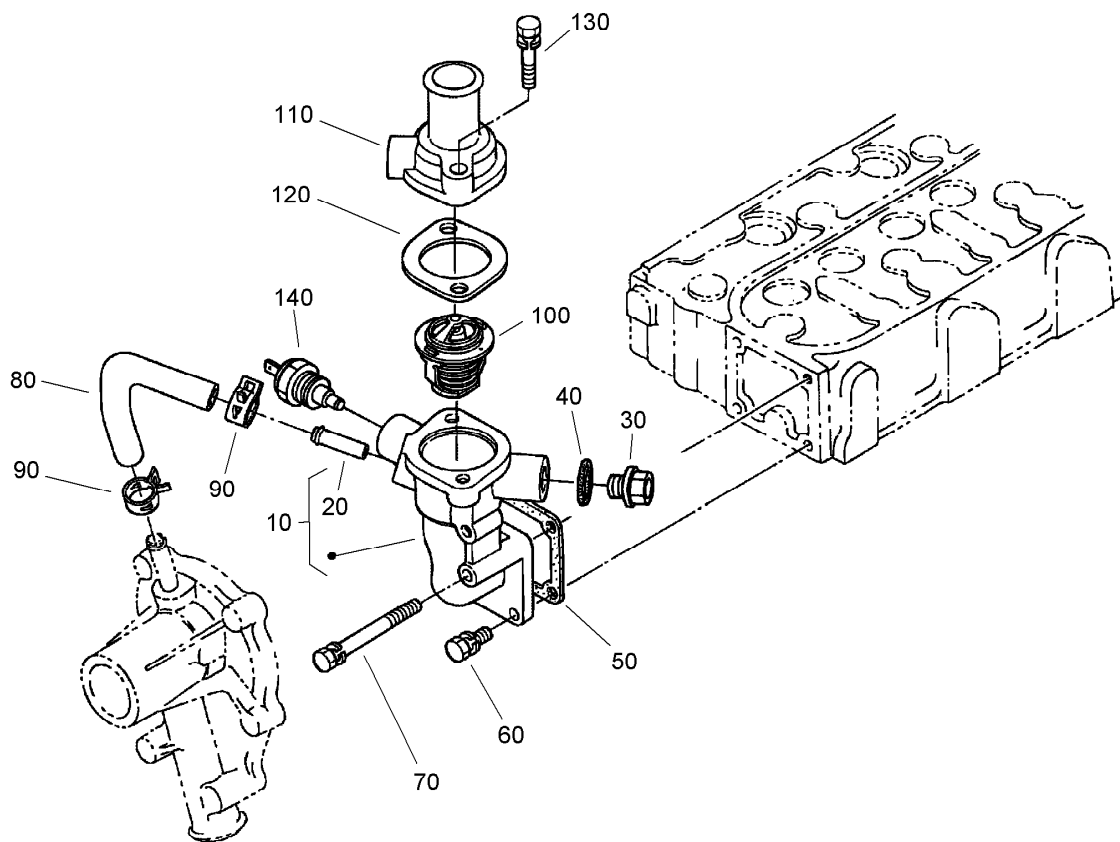
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 10          | 98-9705            | 1           | Starter ASM        |
| 20          | 98-7697            | 2           | Bolt               |



## Starter Assembly No. 98-9705

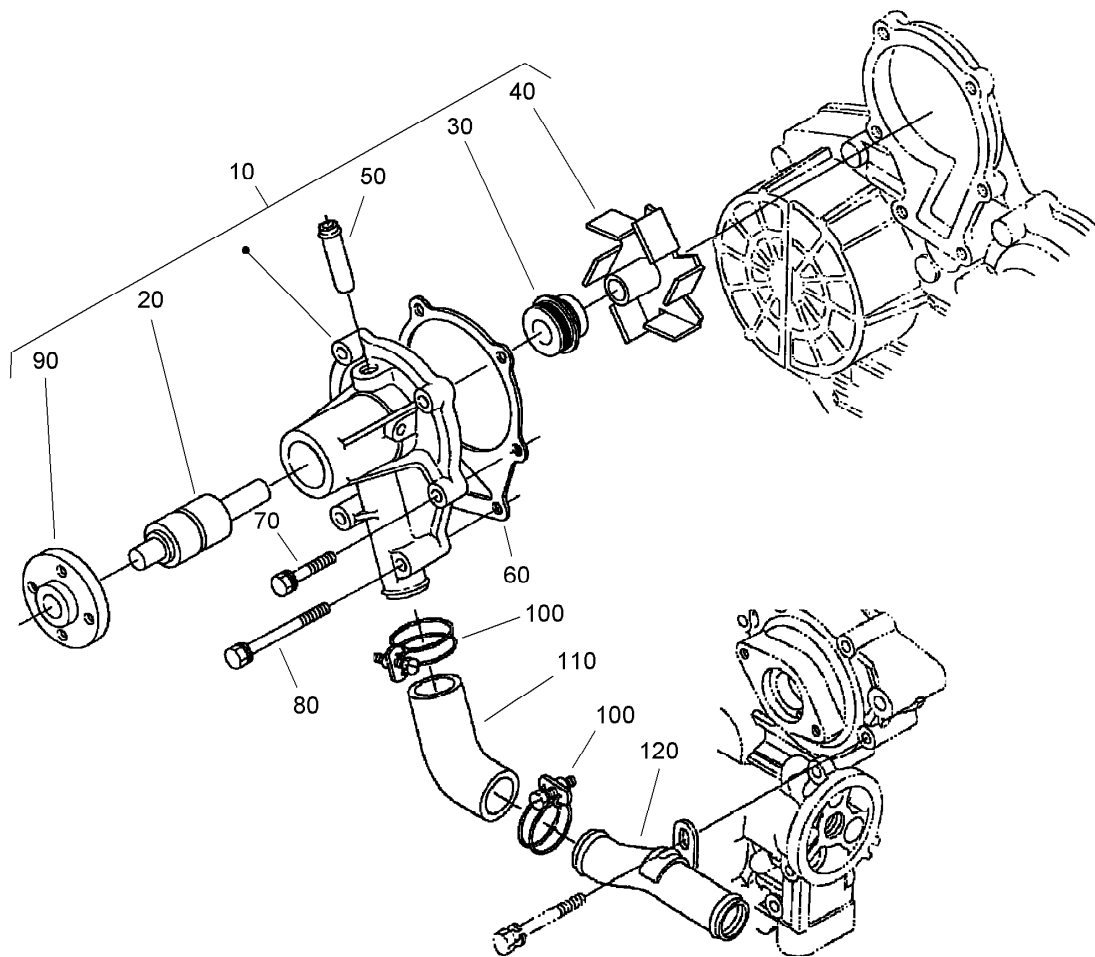
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 10   | 98-9705     | 1    | Starter ASM          |
| 20   | 104-8608    | 1    | Yoke ASM             |
| 30   | 98-7742     | 1    | Armature ASM         |
| 40   | 98-7744     | 1    | Bearing              |
| 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             |
| 140  | 98-7753     | 5    | Roller               |

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 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          |
| 270  | 105-2886    | 1    | Cover ASM           |



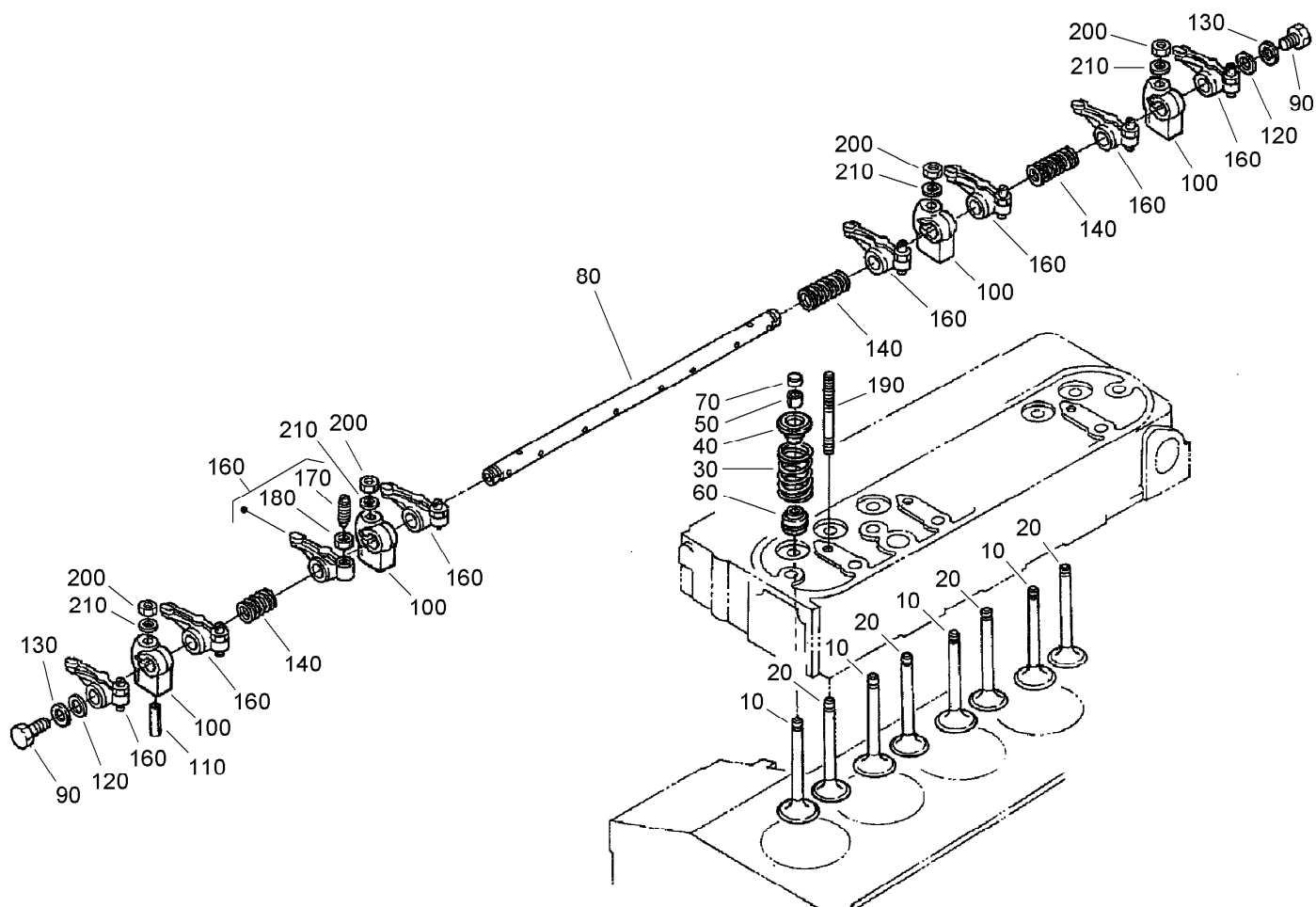
## Thermostat Assembly

| 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   | 98-9579     | 2    | Band-Pipe            |
| 100  | 98-7778     | 1    | Thermostat ASM       |
| 110  | 98-9471     | 1    | Cover-Thermostat     |
| 120  | 105-3748    | 1    | Gasket-Thermostat    |
| 130  | 98-7777     | 2    | Bolt                 |
| 140  | 112-0183    | 1    | Switch-Thermometer   |



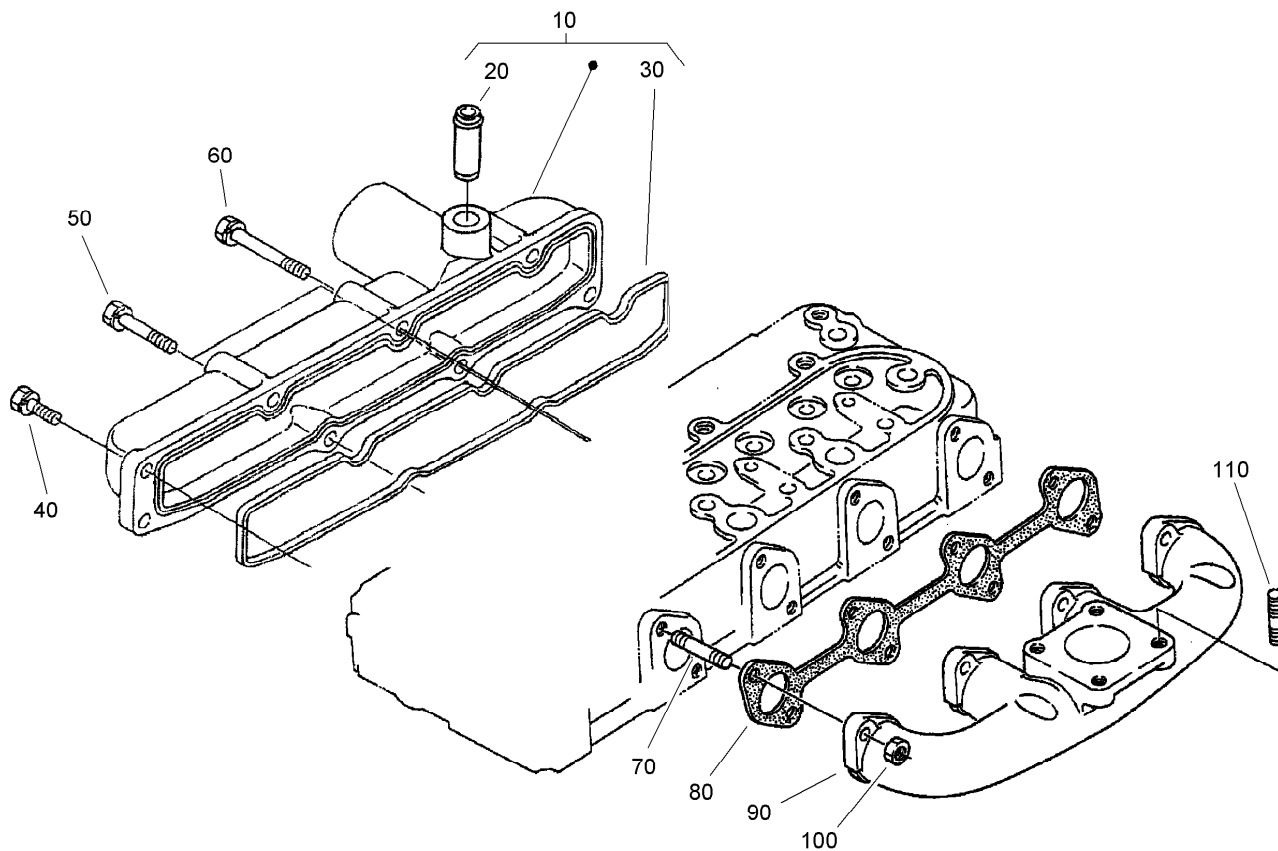
## Water Pump Assembly

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>   |
|-------------|--------------------|-------------|----------------------|
| 10          | 107-9089           | 1           | Water Pump ASM       |
| 20          | 99-3517            | 1           | Bearing-Pump, Water  |
| 30          | 105-3750           | 1           | Mechanical Seal ASM  |
| 40          | 112-7017           | 1           | Impeller-Pump, Water |
| 50          | 98-9577            | 1           | Pipe-Return, Water   |
| 60          | 99-3454            | 1           | Gasket-Pump, Water   |
| 70          | 98-9353            | 4           | Bolt                 |
| 80          | 107-9090           | 2           | Bolt                 |
| 90          | 99-3516            | 1           | Flange-Pump, Water   |
| 100         | 98-9717            | 2           | Clamp                |
| 110         | 107-9091           | 1           | Pipe-Water           |
| 120         | 98-9716            | 1           | Pipe-Water           |



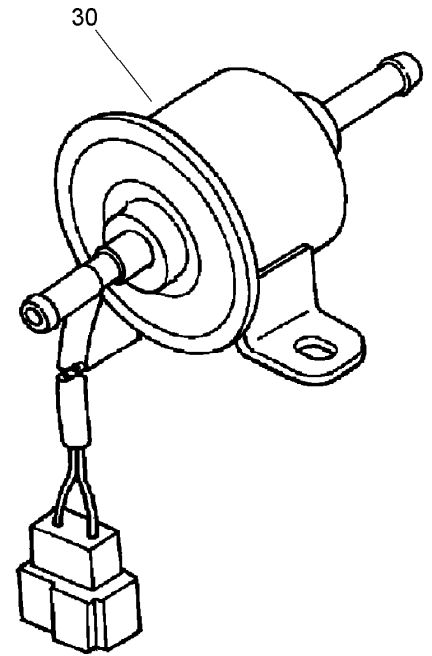
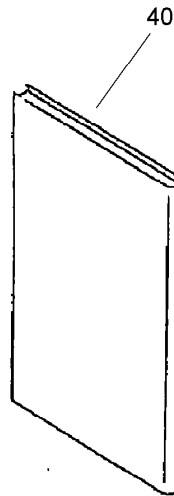
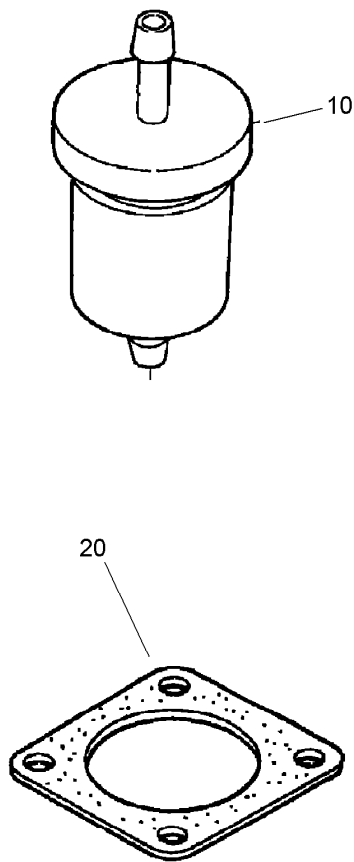
## Valve and Rocker Arm Assembly

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 10   | 112-7018    | 4    | Valve-Inlet              |
| 20   | 112-7021    | 4    | Valve-Exhaust            |
| 30   | 98-9648     | 8    | Spring-Valve             |
| 40   | 107-9092    | 8    | Retainer-Spring          |
| 50   | 98-9390     | 8    | Collet-Spring, Valve     |
| 60   | 99-8385     | 8    | Seal-Stem, Valve         |
| 70   | 98-9497     | 8    | Cap-Valve                |
| 80   | 105-3790    | 1    | R-Arm Shaft ASM          |
| 90   | 100-9265    | 2    | Bolt                     |
| 100  | 98-9505     | 4    | Bracket-Arm, Rocker      |
| 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    | 8    | Rocker Arm ASM           |
| 170  | 98-9502     | 8    | Screw-Adjusting          |
| 180  | 98-9503     | 8    | Nut                      |
| 190  | 98-9506     | 4    | Stud                     |
| 200  | 98-9393     | 4    | Nut                      |
| 210  | 98-9385     | 4    | Washer-Flat              |



## Intake and Exhaust Manifold Assembly

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 10   | 108-2874    | 1    | Intake Manifold ASM      |
| 20   | 98-9492     | 1    | Joint-Pipe, Breather     |
| 30   | 105-3760    | 1    | Gasket-Manifold, Intake  |
| 40   | 98-7605     | 3    | Bolt                     |
| 50   | 98-9353     | 2    | Bolt                     |
| 60   | 105-3797    | 3    | Bolt                     |
| 70   | 98-9588     | 8    | Stud                     |
| 80   | 105-3765    | 1    | Gasket-Manifold, Exhaust |
| 90   | 112-0187    | 1    | Manifold-Exhaust         |
| 100  | 98-9665     | 8    | Nut                      |
| 110  | 98-7769     | 4    | Stud                     |



## Fuel Filter, Fuel Pump, Muffler Gasket and Engine Operators Manual

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 10   | 98-7612     | 1    | Filter-Fuel             |
| 20   | 99-8343     | 1    | Gasket-Muffler          |
| 30   | 104-5215    | 1    | Pump-Fuel, Electric     |
| 40   | 107-7827    | 1    | Manual-Operator, Kubota |

# Attachments and Accessories

## For 03680 Reelmaster 5510 Traction Unit

| Product Name                                     | Model/Part |
|--------------------------------------------------|------------|
| Turf Defender Electronic Leak Detector Kit ..... | 03521      |
| Air Ride Seat Suspension Kit .....               | 03667      |
| Four-Wheel Drive Kit .....                       | 03671      |
| 8-Blade DPA Cutting Unit with 7in Reel.....      | 03681      |
| 11-Blade DPA Cutting Unit with 7in Reel .....    | 03682      |
| 7 Inch Verticutter .....                         | 03684      |
| Turf Evaluator .....                             | 04399      |
| Gauge Bar Assembly .....                         | 108-6715   |
| Two-Post ROPS Kit .....                          | 110-8860   |
| Brush and Handle Kit.....                        | 29-9100    |
| Hardtop Sunshade.....                            | 30359      |
| Diagnostic Display Box .....                     | 85-4750    |



**Notes:**

**Notes:**

**Notes:**



**Count on it.**