



**Count on it.**

Form No. 3436-556 Rev B

# Parts Catalog

## Reelmaster® 5010-H Traction Unit

Model No. 03674—Serial No. 406600000 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.

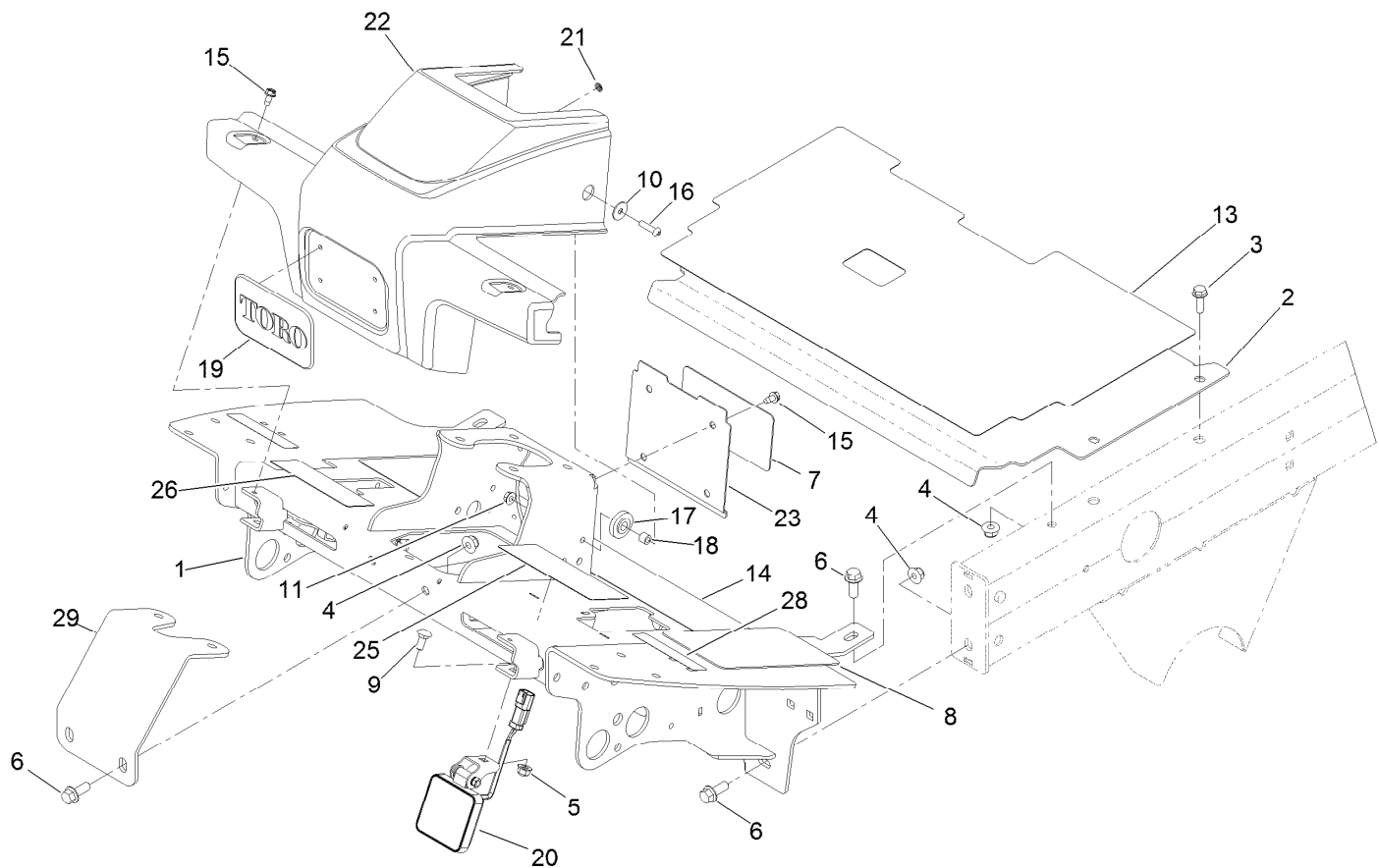
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## Operator Platform and Front Shroud Assembly

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 127-2310-01 | 1    | Platform ASM         |
| 2    | 115-8064-01 | 1    | Plate-Floor          |
| 3    | 3234-17     | 4    | Screw-HHF            |
| 4    | 104-8301    | 6    | Nut-HF, NI           |
| 5    | 104-8300    | 2    | Nut-HF, NI           |
| 6    | 3234-11     | 6    | Screw-HHF            |
| 7    | 110-0986    | 1    | Decal-Plate, Cover   |
| 8    | 125-2910    | 2    | Tread-Floor, Side    |
| 9    | 3230-1      | 2    | Bolt-CARR            |
| 10   | 87-6630     | 2    | Washer-Plain         |
| 11   | 32128-33    | 2    | Nut-HF               |
| 13   | 125-2911    | 1    | Tread-Panel, Service |
| 14   | 125-2909    | 1    | Tread-Floorboard     |
| 15   | 32104-17    | 6    | Screw-HWH            |

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 16   | 106-9518    | 2    | Screw-PRH             |
| 17   | 240-11      | 2    | Bushing-Flange        |
| 18   | 66-8010     | 2    | Spacer                |
| 19   | 93-6028     | 1    | Plate-Logo            |
| 20   | 139-5990    | 2    | Light-Work, LED       |
| 21   | 138-6996    | 4    | Nut-Push              |
| 22   | 110-0944    | 1    | Shroud-Platform       |
| 23   | 110-0947-03 | 1    | Plate-Cover           |
| 25   | 133-2930    | 1    | Decal-Danger          |
| 25   | 133-2931    | 1    | Decal-Danger (CE)     |
| 26   | 110-8921    | 1    | Decal-Speed, Mow      |
| 28   | 133-8062    | 1    | Decal-Arrestor, Spark |
| 29   | 110-8876-01 | 1    | Brace-Column          |



## Control Pedal Assembly

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 117-5199    | 1    | Hub-Pedal, Traction   |
| 2    | 117-9507    | 1    | Pedal-Accelerator     |
| 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    | 3234-5      | 6    | Screw-HHF             |
| 8    | 3296-29     | 6    | Nut-Lock, NI          |
| 9    | 32121-45    | 1    | Pin-Spring            |
| 10   | 74-9110     | 1    | Pad-Pedal, Reverse    |
| 11   | 125-1466    | 1    | Traction Cable ASM    |
| 12   | 3234-13     | 2    | Screw-HHF             |
| 13   | 3296-42     | 1    | Nut-Lock, NI          |
| 14   | 66-8010     | 1    | Spacer                |
| 15   | 2411-41     | 1    | Rod End-Ball Joint    |
| 16   | 33093-00    | 1    | Washer-Flat           |
| 17   | 3256-22     | 3    | Washer-Flat           |
| 18   | 321-9       | 1    | Screw-HH              |
| 19   | 93-2092     | 1    | Clamp-Cable           |
| 20   | 115-0282    | 1    | Proximity Sensor ASM  |
| 20:1 | 117-3207    | 2    | Nut-Hex               |

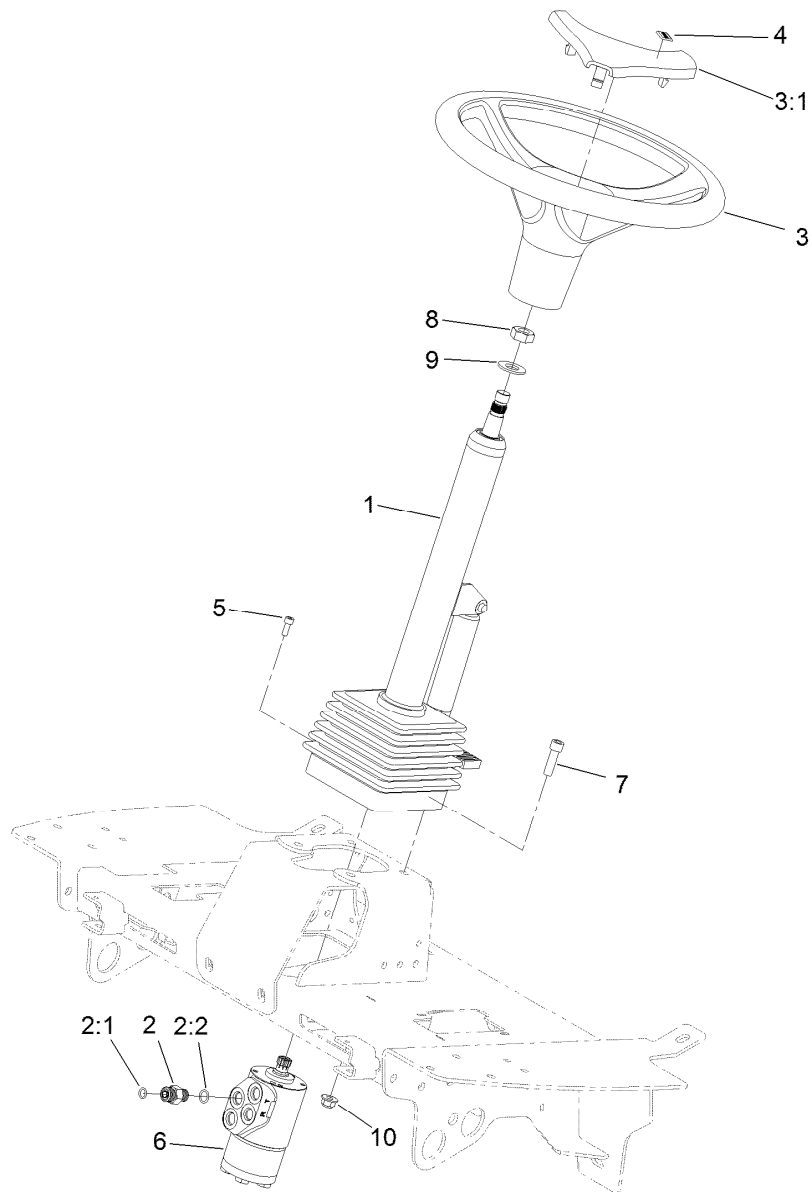
| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 20:2 | 117-3208    | 2    | Washer-Lock, Internal Tooth |
| 21   | 256-156     | 2    | Bushing-Flange              |
| 22   | 323-17      | 1    | Screw-HH                    |
| 23   | 62-4420     | 8    | Washer                      |
| 24   | 3296-39     | 1    | Nut-Lock, NI                |
| 25   | 117-8066    | 1    | Mow-Stop                    |
| 26   | 32121-6     | 1    | Pin-Roll, Slotted           |
| 27   | 106-3731    | 1    | Rod-Pivot                   |
| 28   | 110-8982    | 2    | Washer-Spring               |
| 29   | 32121-16    | 1    | Pin-Spring                  |
| 30   | 115-0120-03 | 1    | Pedal-Brake                 |
| 31   | 125-8775    | 2    | Bushing-Flange              |
| 32   | 104-7179    | 1    | Pivot-Pedal                 |
| 33   | 32144-4     | 1    | Screw-HWH                   |
| 34   | 99-7963-03  | 1    | Pedal-Park                  |
| 35   | 115-5300    | 1    | Proximity Switch ASM        |
| 35:1 | 117-3207    | 2    | Nut-Hex                     |
| 35:2 | 117-3208    | 2    | Washer-Lock, Internal Tooth |
| 36   | 115-0129    | 1    | Rod-Pawl, Brake             |
| 37   | 3272-6      | 2    | Pin-Cotter                  |
| 38   | 104-8301    | 1    | Nut-HF, NI                  |



## Control Pedal Assembly (continued)

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 39   | 99-7214     | 1    | Pawl-Brake             |
| 40   | 99-7140     | 1    | Spring-Torsion         |
| 41   | 52-2891     | 2    | Bushing-Flanged, Nylon |
| 42   | 323-12      | 1    | Screw-HH               |
| 43   | 117-0238    | 1    | Detent                 |
| 44   | 5-0652      | 2    | Spacer                 |
| 45   | 283-14      | 2    | Pin-Clevis             |

| Ref. | Part Number | Qty. | Description     |
|------|-------------|------|-----------------|
| 46   | 3272-10     | 2    | Pin-Cotter      |
| 47   | 117-0106    | 1    | Cable-Brake, RH |
| 48   | 117-0107    | 1    | Cable-Brake, LH |
| 49   | 302-60      | 1    | Fitting-Grease  |
| 50   | 115-8060    | 1    | Clevis-Double   |
| 51   | 115-8059    | 1    | Yoke-Cable      |
| 52   | 104-7201    | 1    | Nut-HF, NI      |



## Steering 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    | 105-2409    | 4    | Screw-HSH                |
| 6    | 106-3621    | 1    | Steering Valve ASM       |
| 7    | 3274-1      | 4    | Screw-HSH                |
| 8    | 3296-33     | 1    | Nut-Lock, NI             |
| 9    | 3256-27     | 1    | Washer-Flat              |
| 10   | 104-8301    | 4    | Nut-HF, NI               |



## Steering Tilt Column Assembly No. 106-3622

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 110-6462    | 1    | Bellows-Rubber       |
| 2    | 110-6463    | 1    | Cylinder Service Kit |
| 2:1  |             | 1    | Cylinder-Gas ●       |
| 2:2  |             | 1    | Block-Pedal ●        |
| 2:3  |             | 2    | Bolt ●               |
| 2:4  |             | 1    | Pin ●                |
| 2:5  |             | 2    | Washer-Lock ●        |
| 3    | 110-6464    | 1    | Pedal Service Kit    |
| 3:1  |             | 1    | Pedal ●              |
| 3:2  |             | 1    | Pin ●                |
| 3:3  |             | 1    | Spring ●             |
| 4    | 110-6465    | 1    | Cover-Pedal          |
| 5    | 120-6256    | 1    | Universal Joint Kit  |

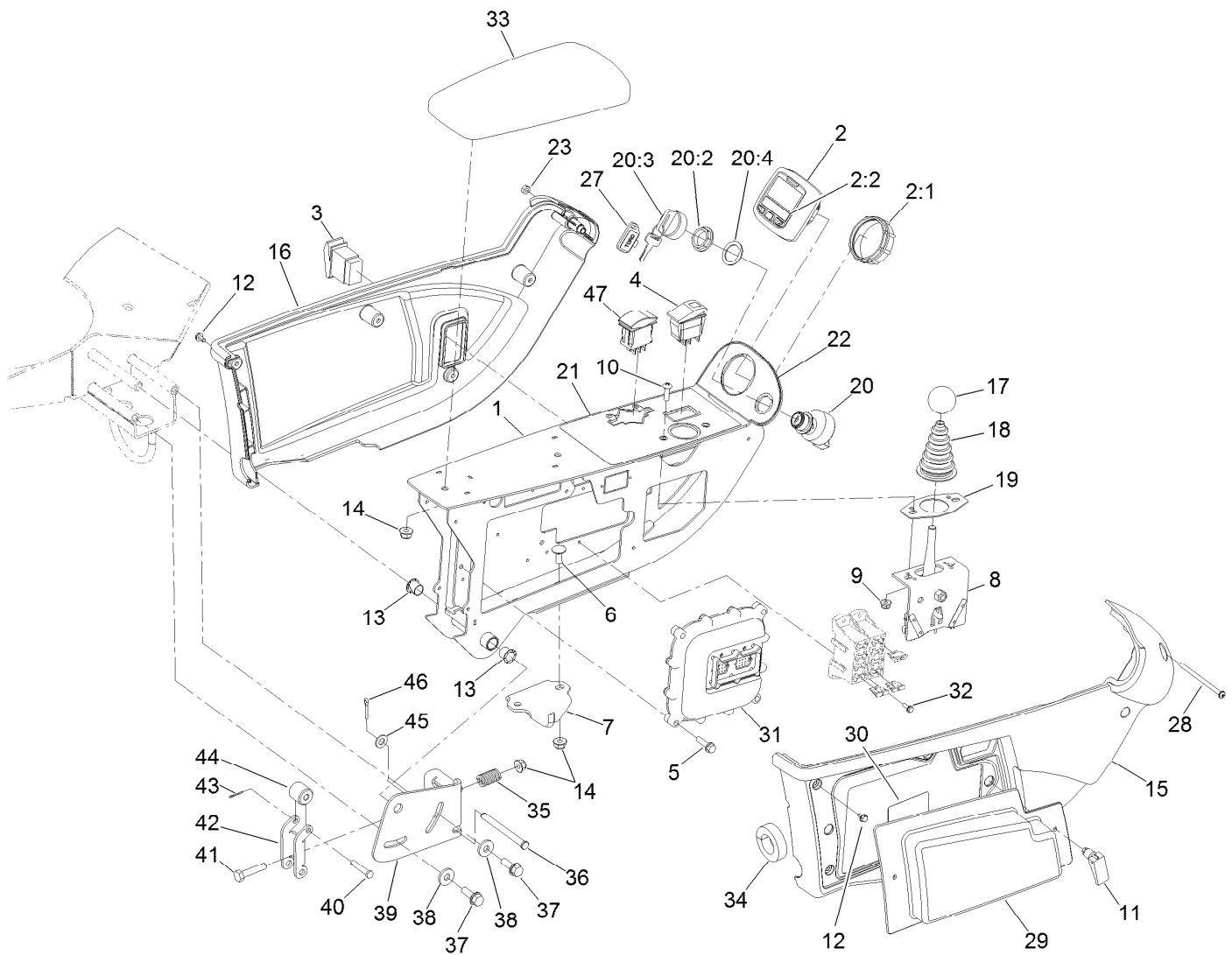
● Not serviced separately



## 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



## Control Arm Assembly

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 120-3801-03 | 1    | Frame-Arm, Control |
| 2    | 120-6310    | 1    | LCD Display ASM    |
| 2:1  | 120-4630    | 1    | Nut-Display        |
| 2:2  | 120-6311    | 1    | Decal-Display      |
| 3    | 95-8999     | 1    | Switch             |
| 4    | 105-4232    | 1    | Switch             |
| 5    | 32144-86    | 4    | Screw-HWHTF        |
| 6    | 3230-23     | 2    | Bolt-CARR          |
| 7    | 125-1938    | 1    | Latch              |
| 8    | 120-5280    | 1    | Bracket-Joystick   |
| 9    | 104-7201    | 2    | Nut-HF, NI         |
| 10   | 3258-166    | 2    | Screw-PRH          |
| 11   | 74-5950     | 2    | Latch-Swell        |
| 12   | 104-2065    | 10   | Screw-HWH          |
| 13   | 256-257     | 2    | Bushing-Nyliner    |
| 14   | 104-8300    | 5    | Nut-HF, NI         |
| 15   | 108-7605    | 1    | Cover-RH           |
| 16   | 108-7604    | 1    | Cover-LH           |
| 17   | 233-42      | 1    | Knob               |
| 18   | 93-5961     | 1    | Boot-Lever         |
| 19   | 112-9181    | 1    | Plate-Boot         |

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 20   | 106-5269    | 1    | Ignition Switch ASM  |
| 20:2 | 108-8660    | 1    | Nut-Mounting         |
| 20:3 | 106-5270    | 1    | Ignition Key Set     |
| 20:4 | 108-8659    | 1    | Washer-Backup        |
| 21   | 125-8754    | 1    | Decal-Panel, Control |
| 22   | 120-4158    | 1    | Decal-Console, Upper |
| 23   | 3296-2      | 1    | Nut-Lock, NI         |
| 27   | 99-8970     | 1    | Key-Latch, Hood      |
| 28   | 3250-22     | 1    | Screw-PPH            |
| 29   | 114-0446    | 1    | Panel-Access         |
| 30   | 117-0169    | 1    | Decal-Fuses          |
| 31   | 114-3321    | 1    | Controller-Tec       |
| 32   | 32144-87    | 4    | Screw-HWHTF          |
| 33   | 108-7602    | 1    | Rest-Arm             |
| 34   | 110-8912    | 1    | Seal-Foam            |
| 35   | 110-5331    | 1    | Spring-Compression   |
| 36   | 283-88      | 1    | Pin-Clevis           |
| 37   | 32144-41    | 2    | Screw-Taptite        |
| 38   | 4-2390      | 2    | Washer-Flat          |
| 39   | 110-5313-03 | 1    | Bracket-Retainer     |
| 40   | 283-73      | 1    | Pin-Clevis           |



## Control Arm Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------|
| 41   | 322-7       | 1    | Screw-HH    |
| 42   | 110-5314    | 1    | Latch       |
| 43   | 3272-1      | 1    | Pin-Cotter  |
| 44   | 110-8856    | 1    | Spacer      |

| Ref. | Part Number | Qty. | Description                     |
|------|-------------|------|---------------------------------|
| 45   | 3256-23     | 1    | Washer-Plain                    |
| 46   | 3272-11     | 1    | Pin-Cotter                      |
| 47   | 100-1535    | 1    | Switch-Rocker,<br>(On)-Off-(On) |



## Joystick Bracket Assembly No. 120-5280

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



## Front Axle Assembly

| Ref. | Part Number | Qty. | Description   |
|------|-------------|------|---------------|
| 1    | 242-50      | 10   | Nut-Lug       |
| 2    | 121-5631    | 2    | Hub ASM       |
| 2:2  | 114-3918    | 5    | Stud-Wheel    |
| 3    | 139-6005    | 2    | Tire ASM      |
| 3:1  | 133-2724    | 1    | Tire          |
| 3:2  | 139-6006    | 1    | Wheel         |
| 3:3  | 232-27      | 1    | Stem-Valve    |
| 4    | 115-5103    | 8    | Screw-HHF     |
| 5    | 3296-23     | 8    | Nut-Lock, NI  |
| 6    | 325-12      | 8    | Screw-HH      |
| 7    | 120-6253-03 | 2    | Adapter-Brake |
| 8    | 3296-42     | 8    | Nut-Lock, NI  |
| 9    | 117-3290    | 2    | Nut-Hex       |
| 10   | 114-8864    | 2    | Drum-Brake    |

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 11   | 127-2741    | 2    | Shield-Wheel, Front |
| 12   | 127-2742    | 2    | Shield-Wheel, Rear  |
| 14   | 283-62      | 2    | Pin-Clevis          |
| 15   | 139-5952    | 1    | LH Brake ASM        |
| 16   | 139-5951    | 1    | RH Brake ASM        |
| 17   | 323-4       | 8    | Screw-HH            |
| 18   | 322-7       | 2    | Screw-HH            |
| 20   | 3290-378    | 2    | Tie-Cable           |
| 21   | 104-8300    | 2    | Nut-HF, NI          |
| 22   | 120-6267    | 1    | Clip-Spring, LH     |
| 23   | 120-6266    | 1    | Clip-Spring, RH     |
| 24   | 87-4020     | 2    | Spring-Extension    |
| 25   | 3218-2      | 2    | Nut-Hex Jam         |
| 26   | 117-5198    | 2    | Key-Square          |



## LH Brake Assembly No. 139-5952

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 139-5950    | 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. 139-5951

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 139-5950    | 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



## Rear Axle Assembly

| Ref.  | Part Number | Qty. | Description     |
|-------|-------------|------|-----------------|
| 1     | 107-4546-03 | 1    | Axle ASM        |
| 1:1   |             | 1    | Axle ●          |
| 1:1:2 | 99-6964     | 2    | Bushing-Axle    |
| 1:1:3 | 104-0015    | 4    | Bushing-Flange  |
| 1:1:4 | 302-5       | 2    | Fitting-Grease  |
| 2     | 107-4517-03 | 2    | Housing-Motor   |
| 3     | 110-5295-03 | 1    | Link-Drag, RH   |
| 4     | 110-5334-03 | 1    | Tie Rod ASM     |
| 5     | 98-8173     | 1    | Pin-Pivot, Axle |
| 6     | 99-8432     | 2    | Washer-Thrust   |
| 7     | 32121-32    | 1    | Pin-Roll        |
| 8     | 71-4540     | 1    | Washer-Thrust   |
| 9     | 3296-15     | 1    | Nut-Lock, NI    |

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 10   | 302-33      | 1    | Fitting-Grease           |
| 11   | 69-8890     | 2    | Cap-Spindle              |
| 12   | 32151-77    | 2    | Ring-Retaining, External |
| 13   | 3234-1      | 2    | Screw-HHF                |
| 14   | 117-8961    | 2    | Hub And Spindle ASM      |
| 15   | 76-2980     | 2    | Washer-Thrust            |
| 16   | 3272-12     | 2    | Pin-Cotter               |
| 17   | 117-0281    | 2    | Rim And Tire ASM         |
| 17:1 | 117-0280    | 1    | Rim                      |
| 17:2 | 117-5125    | 1    | Tire                     |
| 17:3 | 232-27      | 1    | Stem-Valve               |
| 18   | 110-5297-03 | 1    | Link-Drag, LH            |
| 19   | 3234-6      | 14   | Screw-HHF                |

● Not serviced separately



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

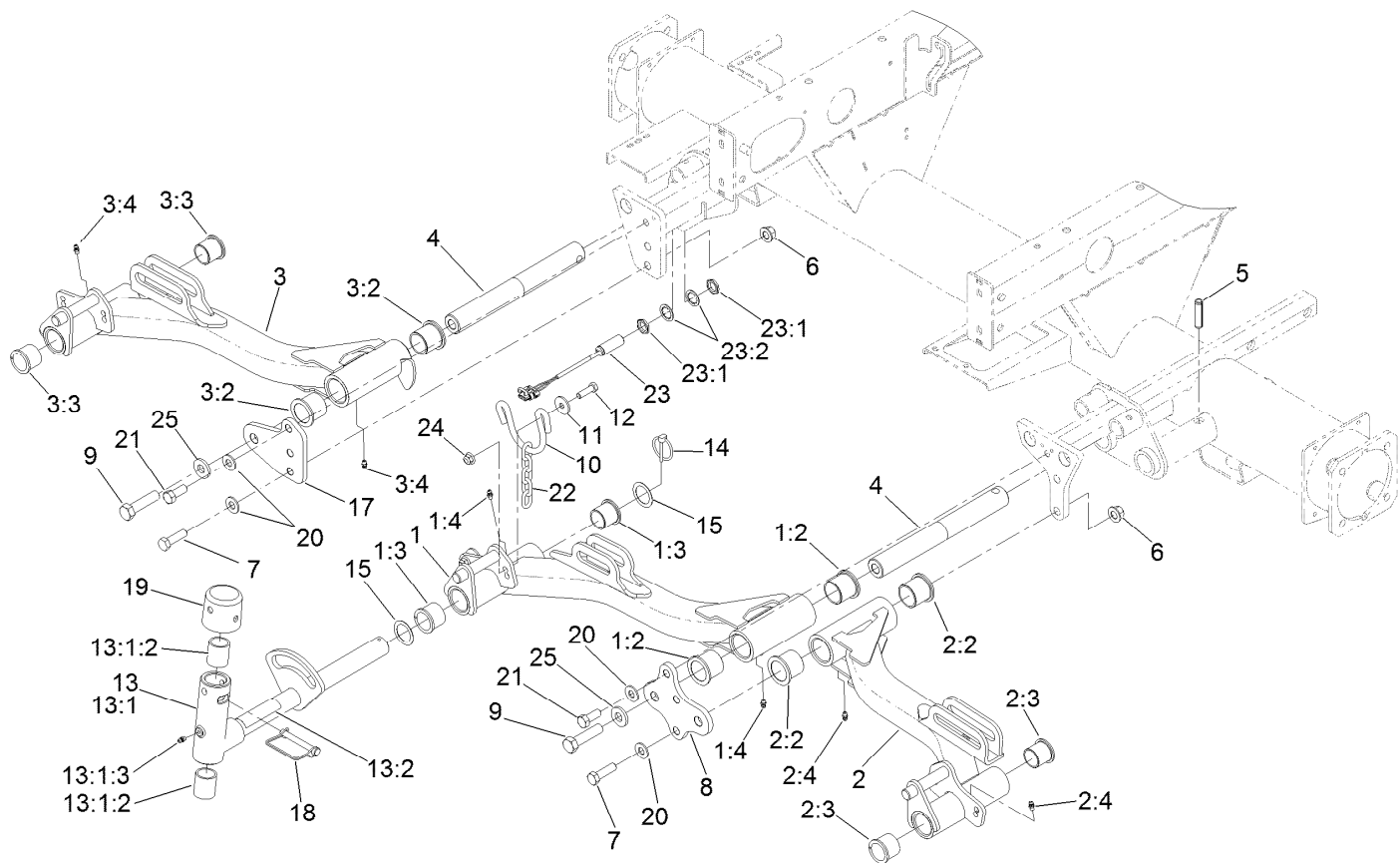
| Ref.  | Part Number | Qty. | Description         |
|-------|-------------|------|---------------------|
| 1     | 110-5335    | 1    | Rod-Tie             |
| 2     | 71-4740-03  | 1    | RH Tie Rod End ASM  |
| 2:1   |             | 1    | End-Rod, Tie (RH) ● |
| 2:1:1 | 105-7941    | 1    | Nut-Hex, Slotted    |
| 2:1:2 | 105-7835    | 1    | Seal                |
| 2:1:3 | 302-5       | 1    | Fitting-Grease      |
| 3     | 2411-46-03  | 1    | LH Tie Rod ASM      |
| 3:1   |             | 1    | End-Rod, Tie (LH) ● |
| 3:1:1 | 302-5       | 1    | Fitting-Grease      |
| 3:1:2 | 105-7835    | 1    | Seal                |
| 3:1:3 | 105-7941    | 1    | Nut-Hex, Slotted    |
| 4     | 84-5300     | 1    | Nut-Jam             |
| 5     | 110-5337    | 1    | Nut-Jam             |

● Not serviced separately



## Hub and Spindle Assembly No. 117-8961

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 117-8958    | 1    | Spindle               |
| 2    | 117-8963    | 1    | Hub ASM               |
| 2:2  | 254-72      | 2    | Bearing-Cup, Tapered  |
| 2:3  | 114-3918    | 5    | Stud-Wheel            |
| 3    | 254-94      | 2    | Bearing-Cone, Tapered |
| 4    | 112-1690    | 1    | Seal-Oil              |
| 5    | 242-50      | 5    | Nut-Lug               |
| 6    | 241-119     | 1    | Cap-Dust              |
| 7    | 117-8259    | 1    | Washer-Spindle        |
| 8    | 117-8260    | 1    | Nut                   |
| 9    | 93-0307     | 1    | Nut-Lock, Retainer    |
| 10   | 3272-18     | 1    | Pin-Cotter            |



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

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 136-8001    | 1    | Lift Arm #1          |
| 1:2  | 69-6470     | 2    | Bushing-Caster       |
| 1:3  | 104-0015    | 2    | Bushing-Flange       |
| 1:4  | 302-5       | 2    | Fitting-Grease       |
| 2    | 136-8004    | 1    | Lift Arm #4          |
| 2:2  | 69-6470     | 2    | Bushing-Caster       |
| 2:3  | 104-0015    | 2    | Bushing-Flange       |
| 2:4  | 302-5       | 2    | Fitting-Grease       |
| 3    | 136-8005    | 1    | Lift Arm #5          |
| 3:2  | 69-6470     | 2    | Bushing-Caster       |
| 3:3  | 104-0015    | 2    | Bushing-Flange       |
| 3:4  | 302-5       | 2    | Fitting-Grease       |
| 4    | 117-0208    | 3    | Shaft-Pivot, Liftarm |
| 5    | 32121-122   | 3    | Pin-Roll             |
| 6    | 99-5107     | 4    | Nut-Lock             |
| 7    | 325-7       | 4    | Screw-HH             |
| 8    | 117-5154-01 | 1    | Plate-Bridge 1 And 4 |
| 9    | 327-7       | 3    | Screw-HH             |

| Ref.   | Part Number | Qty. | Description            |
|--------|-------------|------|------------------------|
| 10     | 110-0922    | 3    | Hoop-Chain             |
| 11     | 63-8410     | 6    | Washer                 |
| 12     | 323-7       | 6    | Screw-HH               |
| 13     | 138-1248    | 3    | Pivot Yoke ASM         |
| 13:1   |             | 1    | Yoke-Pivot ●           |
| 13:1:2 | 121-3187    | 2    | Bushing                |
| 13:1:3 | 302-5       | 1    | Fitting-Grease         |
| 13:2   | 110-9642    | 1    | Decal-Warning          |
| 14     | 92-1298     | 3    | Pin-Lynch              |
| 15     | 76-2980     | 6    | Washer-Thrust          |
| 17     | 117-5153-01 | 1    | Plate-Bridge 5         |
| 18     | 107-7400    | 3    | Pin-Lynch              |
| 19     | 107-4027    | 3    | Cap                    |
| 20     | 87-7270     | 6    | Washer-Thrust          |
| 21     | 325-5       | 2    | Screw-HH               |
| 22     | 84-2451     | 3    | Chain-Straight, 5 Link |
| 23     | 115-5300    | 1    | Proximity Switch ASM   |
| 23:1   | 117-3207    | 2    | Nut-Hex                |

● Not serviced separately

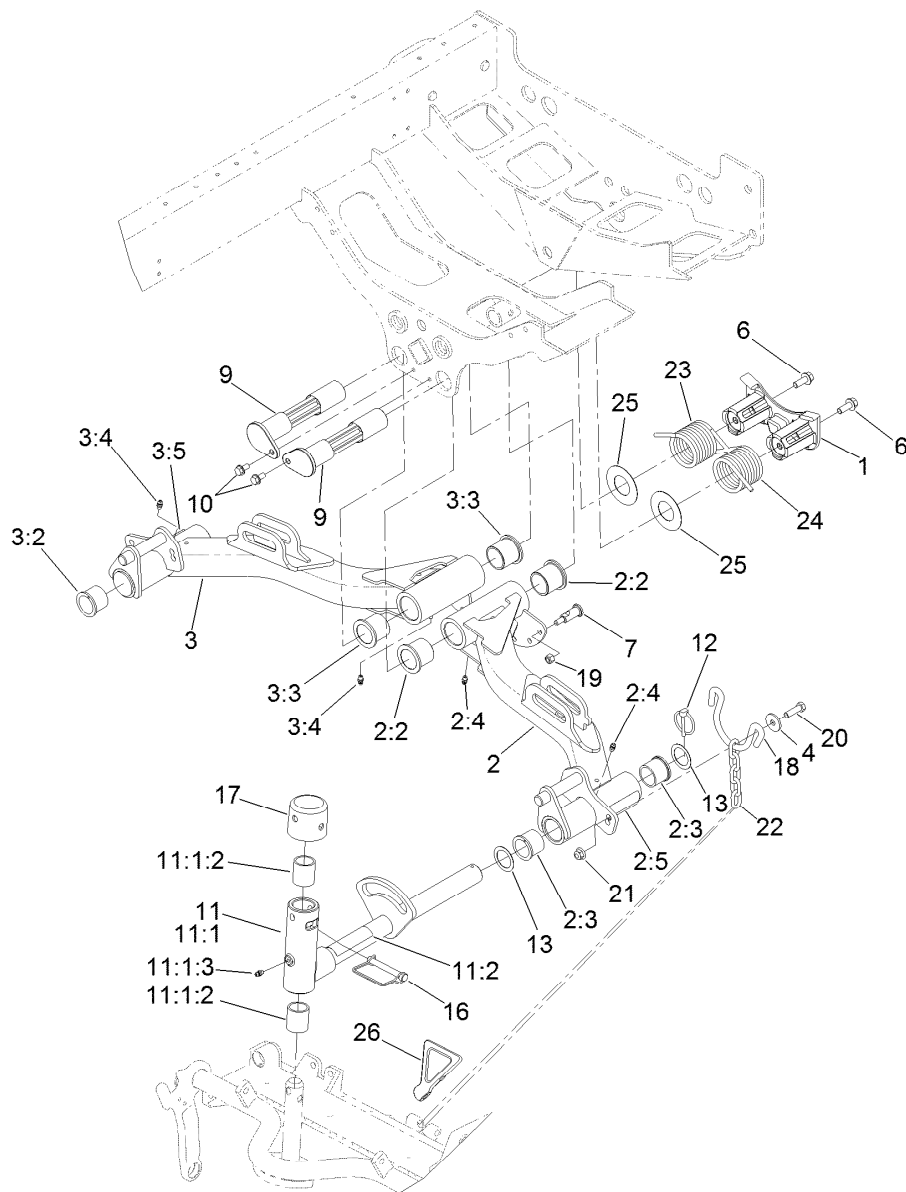


## No. 1, 4 and 5 Lift Arm Assembly (continued)

| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 23:2 | 117-3208    | 2    | Washer-Lock, Internal Tooth |

| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------|
| 24   | 104-8301    | 6    | Nut-HF, NI  |
| 25   | 99-7667     | 3    | Washer-Flat |

● Not serviced separately

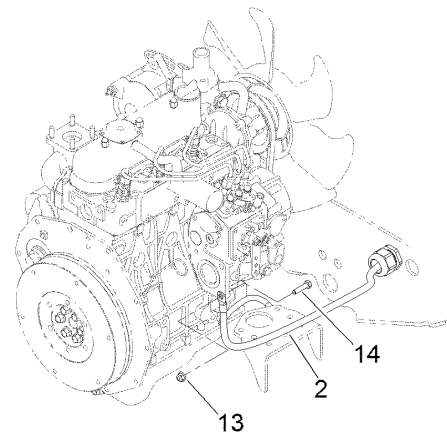
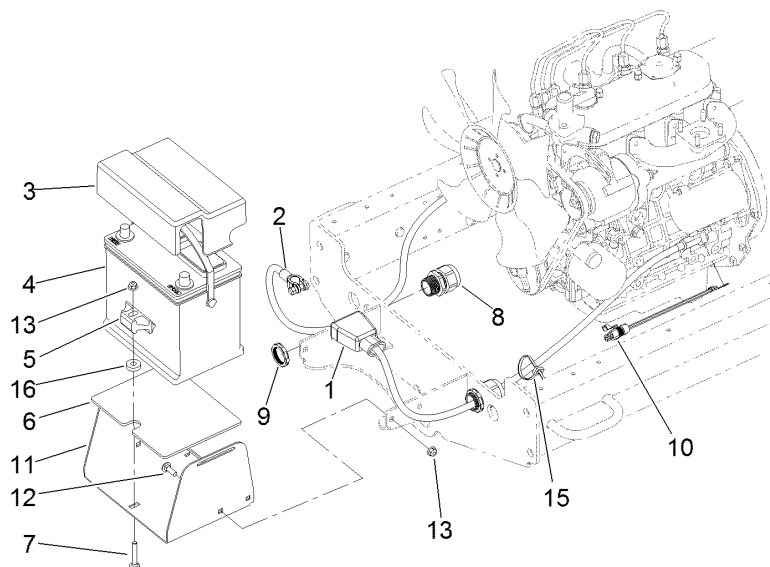


## No. 2 and 3 Lift Arm Assembly

| Ref. | Part Number | Qty. | Description     |
|------|-------------|------|-----------------|
| 1    | 125-2018    | 1    | Housing         |
| 2    | 136-8002    | 1    | Lift Arm #2     |
| 2:2  | 69-6470     | 2    | Bushing-Caster  |
| 2:3  | 104-0015    | 2    | Bushing-Flange  |
| 2:4  | 302-5       | 2    | Fitting-Grease  |
| 2:5  | 93-6696     | 1    | Decal-Warning   |
| 3    | 136-8003    | 1    | Lift Arm #3     |
| 3:2  | 69-6470     | 2    | Bushing-Caster  |
| 3:3  | 104-0015    | 2    | Bushing-Flange  |
| 3:4  | 302-5       | 2    | Fitting-Grease  |
| 3:5  | 93-6696     | 1    | Decal-Warning   |
| 4    | 63-8410     | 4    | Washer          |
| 6    | 3234-11     | 2    | Screw-HHF       |
| 7    | 120-6283    | 6    | Stud-Shouldered |
| 9    | 125-2037    | 2    | Shaft           |
| 10   | 32144-14    | 2    | Screw-HWHTF     |
| 11   | 138-1248    | 2    | Pivot Yoke ASM  |

| Ref.   | Part Number | Qty. | Description            |
|--------|-------------|------|------------------------|
| 11:1   |             | 1    | Yoke-Pivot ●           |
| 11:1:2 | 121-3187    | 2    | Bushing                |
| 11:1:3 | 302-5       | 1    | Fitting-Grease         |
| 11:2   | 110-9642    | 1    | Decal-Warning          |
| 12     | 92-1298     | 2    | Pin-Lynch              |
| 13     | 76-2980     | 4    | Washer-Thrust          |
| 16     | 107-7400    | 2    | Pin-Lynch              |
| 17     | 107-4027    | 2    | Cap                    |
| 18     | 110-0922    | 2    | Hoop-Chain             |
| 19     | 3296-29     | 6    | 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     | 119-8010-03 | 1    | Kickstand              |

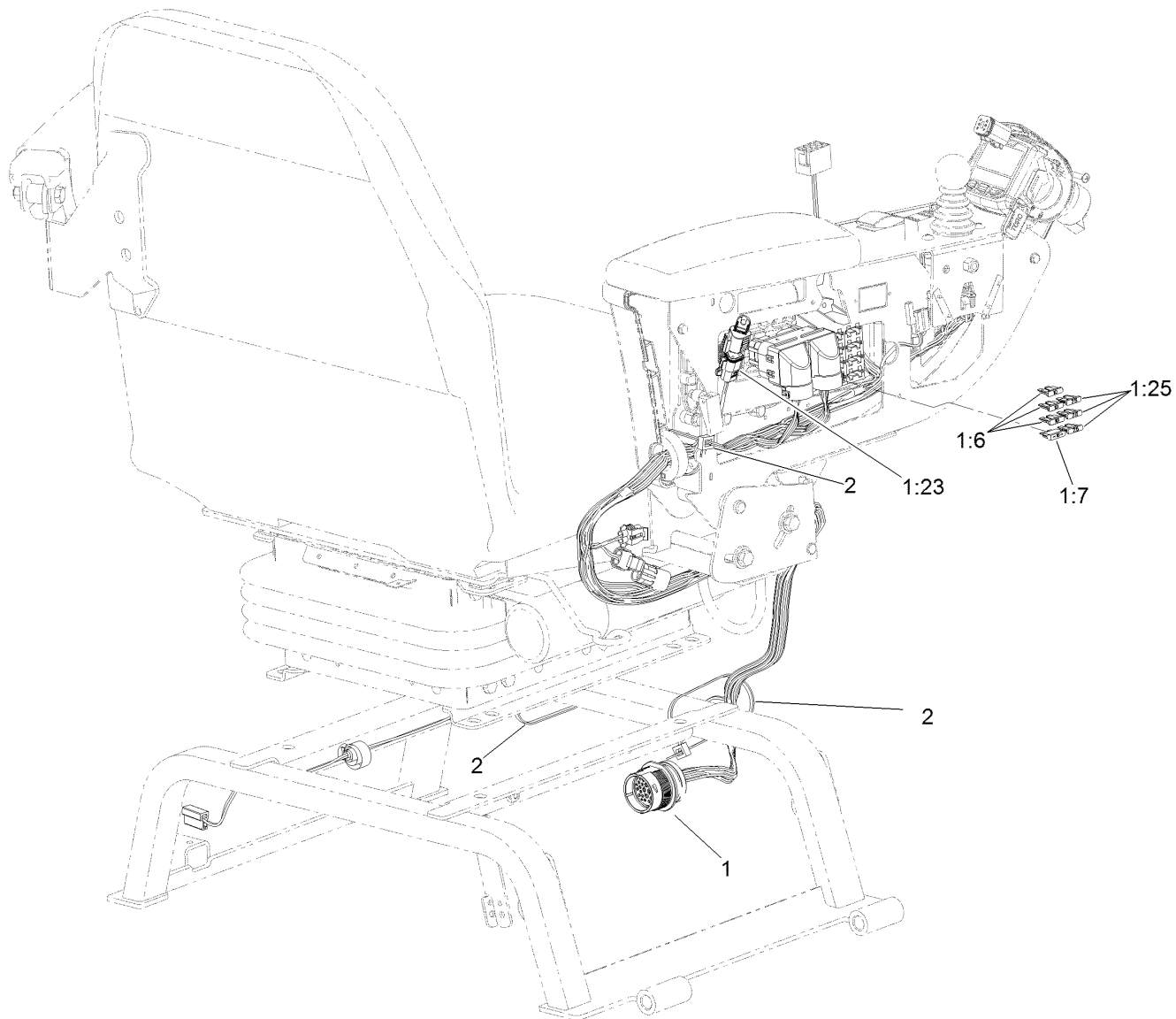
● Not serviced separately



## Battery Mounting Assembly

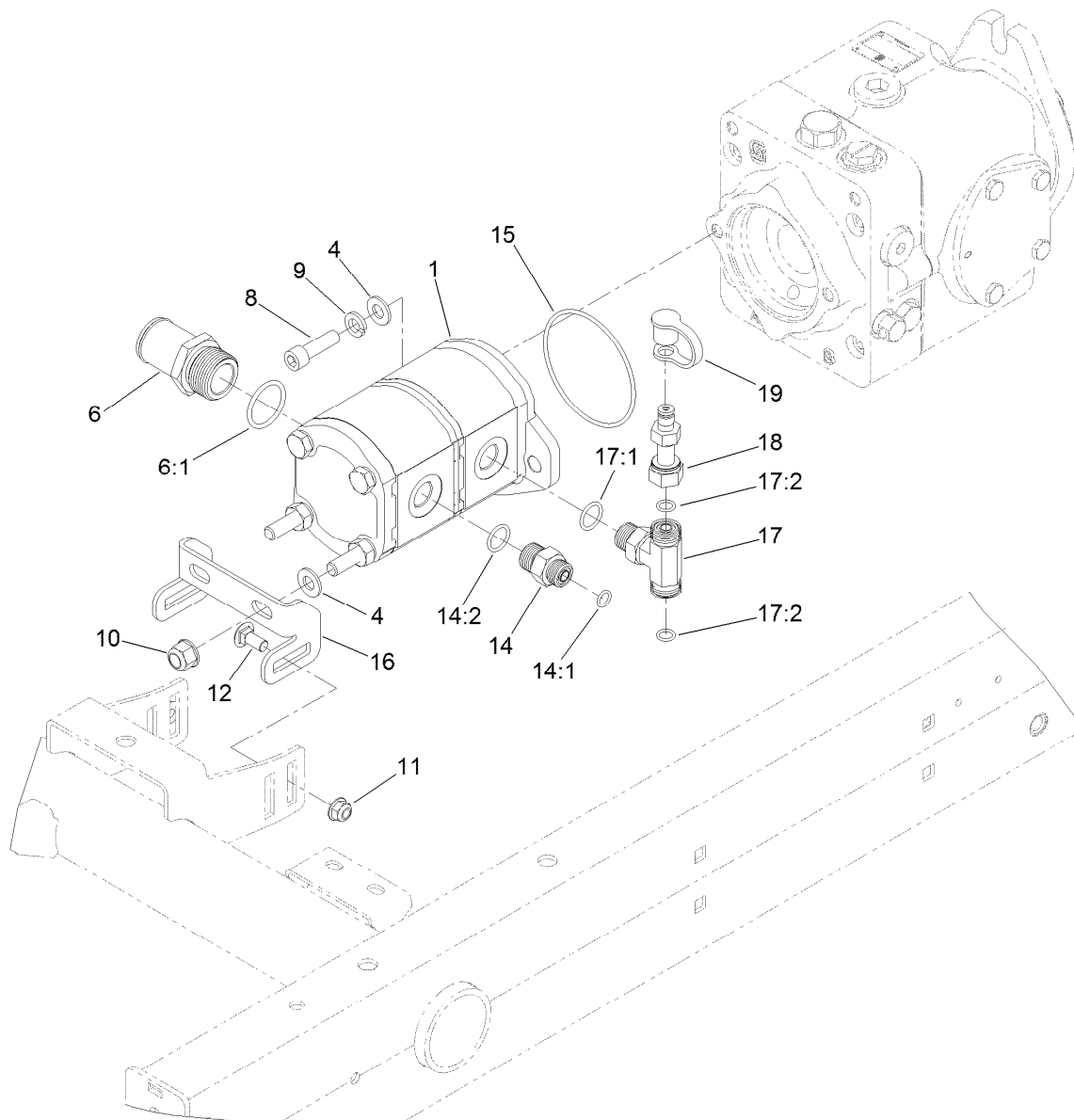
| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    | 120-6398    | 1    | Cable-Battery, Positive |
| 2    | 120-6399    | 1    | Cable-Battery, Negative |
| 3    | 121-5615    | 1    | Cover-Battery           |
| 4    | 104-9979    | 1    | Battery                 |
| 5    | 138-6335    | 1    | Retainer-Battery        |
| 6    | 127-2781    | 1    | Mat-Battery             |
| 7    | 3230-6      | 1    | Bolt-CARR               |
| 8    | 121-8854    | 2    | Grip-Cord               |

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 9    | 121-8855    | 2    | Locknut-Grip, Cord         |
| 10   | 99-3441     | 1    | Harness-Wire, Fusible Link |
| 11   | 125-1583-03 | 1    | Tray-Battery               |
| 12   | 3230-2      | 4    | Bolt-CARR                  |
| 13   | 104-8300    | 6    | Nut-HF, NI                 |
| 14   | 322-6       | 1    | Screw-HH                   |
| 15   | 3290-378    | 5    | Tie-Cable                  |
| 16   | 62-6660     | 1    | Spacer                     |



## Control Console Electrical Assembly

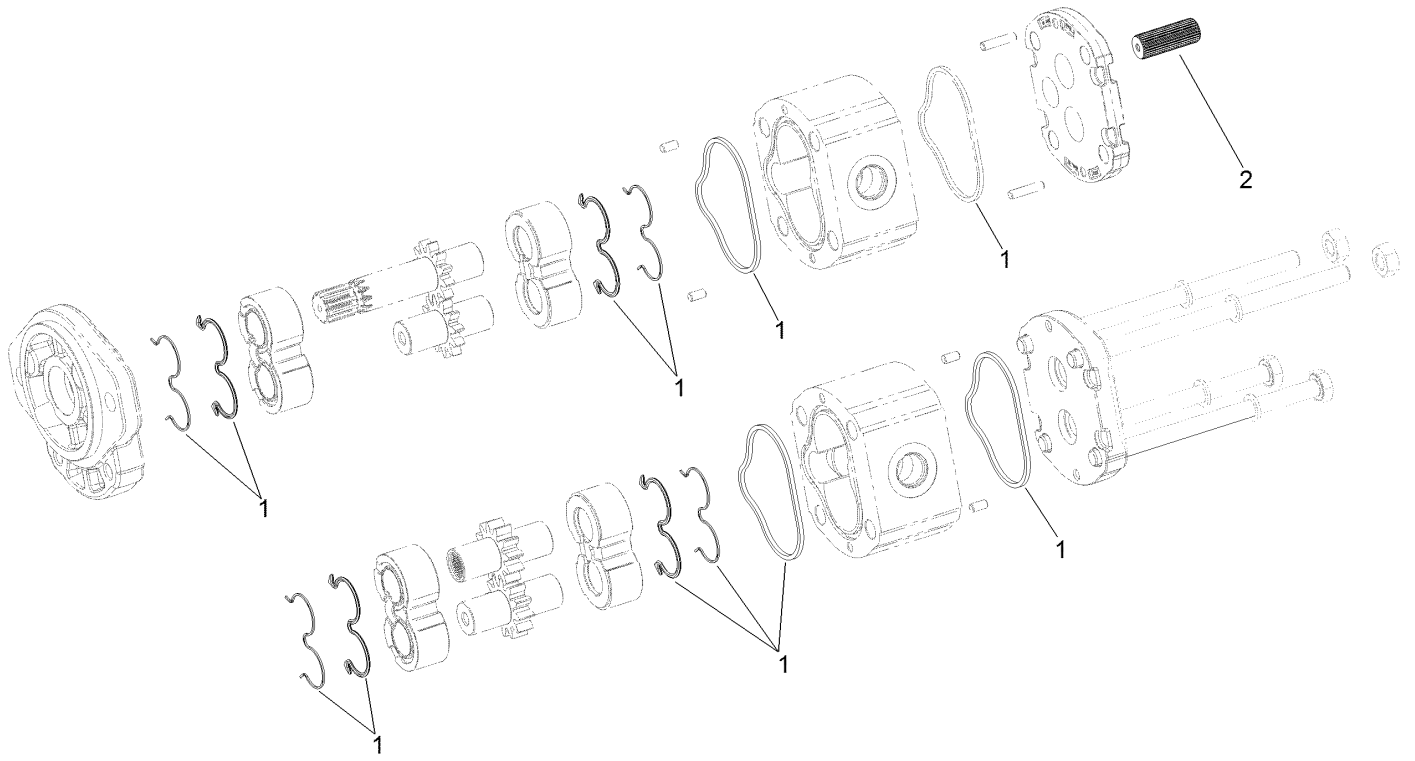
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 121-6598    | 1    | Harness-Wire, Seat  |
| 1:6  | 218-578     | 3    | Fuse-Blade, 10 Amp  |
| 1:7  | 109355      | 1    | Fuse-Blade, 15 Amp  |
| 1:23 | 32180-043   | 1    | Resistor-120 Ohm    |
| 1:25 | 114241      | 3    | Fuse-Blade, 7.5 Amp |
| 2    | 3290-378    | 3    | Tie-Cable           |



## Gear Pump Assembly

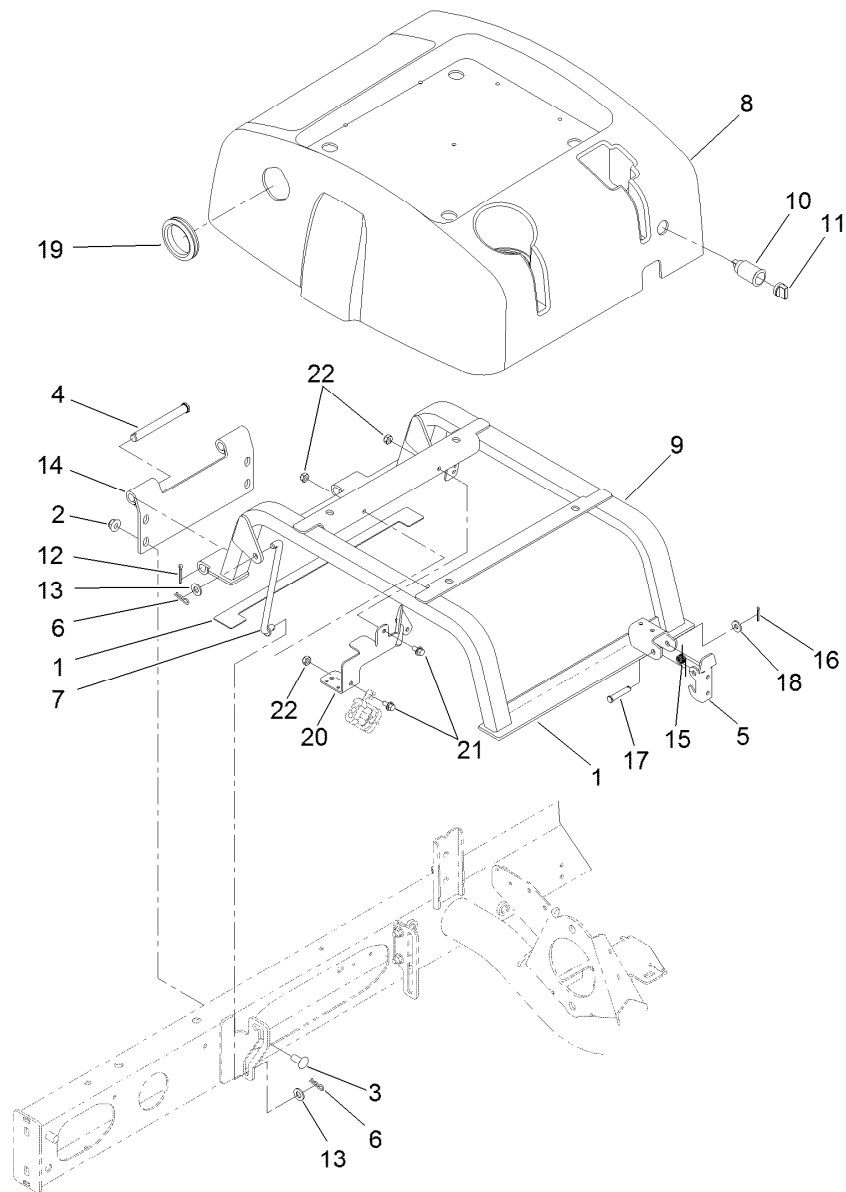
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 125-1530    | 1    | Tandem Gear Pump ASM |
| 4    | 3256-24     | 4    | Washer-Flat          |
| 6    | 125-1528    | 1    | Fitting-STR          |
| 6:1  | 237-146     | 1    | O-Ring               |
| 8    | 3274-1      | 2    | Screw-HSH            |
| 9    | 3253-5      | 2    | Washer-Lock          |
| 10   | 103-9511    | 2    | Nut-Lock, NI         |
| 11   | 104-8300    | 2    | Nut-HF, NI           |
| 12   | 3230-1      | 2    | Bolt-CARR            |
| 14   | 340-3       | 1    | Fitting-Straight     |

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 14:1 | 237-22      | 1    | O-Ring                |
| 14:2 | 237-79      | 1    | O-Ring                |
| 15   | 237-161     | 1    | O-Ring                |
| 16   | 108-1801-01 | 1    | Bracket-Support, Pump |
| 17   | 92-4799     | 1    | Fitting-Tee, HYD      |
| 17:1 | 237-79      | 1    | O-Ring                |
| 17:2 | 237-22      | 2    | O-Ring                |
| 18   | 86-5480     | 1    | Nipple-Test           |
| 19   | 354-79      | 1    | Cap-Dust              |



## Tandem Gear Pump Assembly No. 125-1530

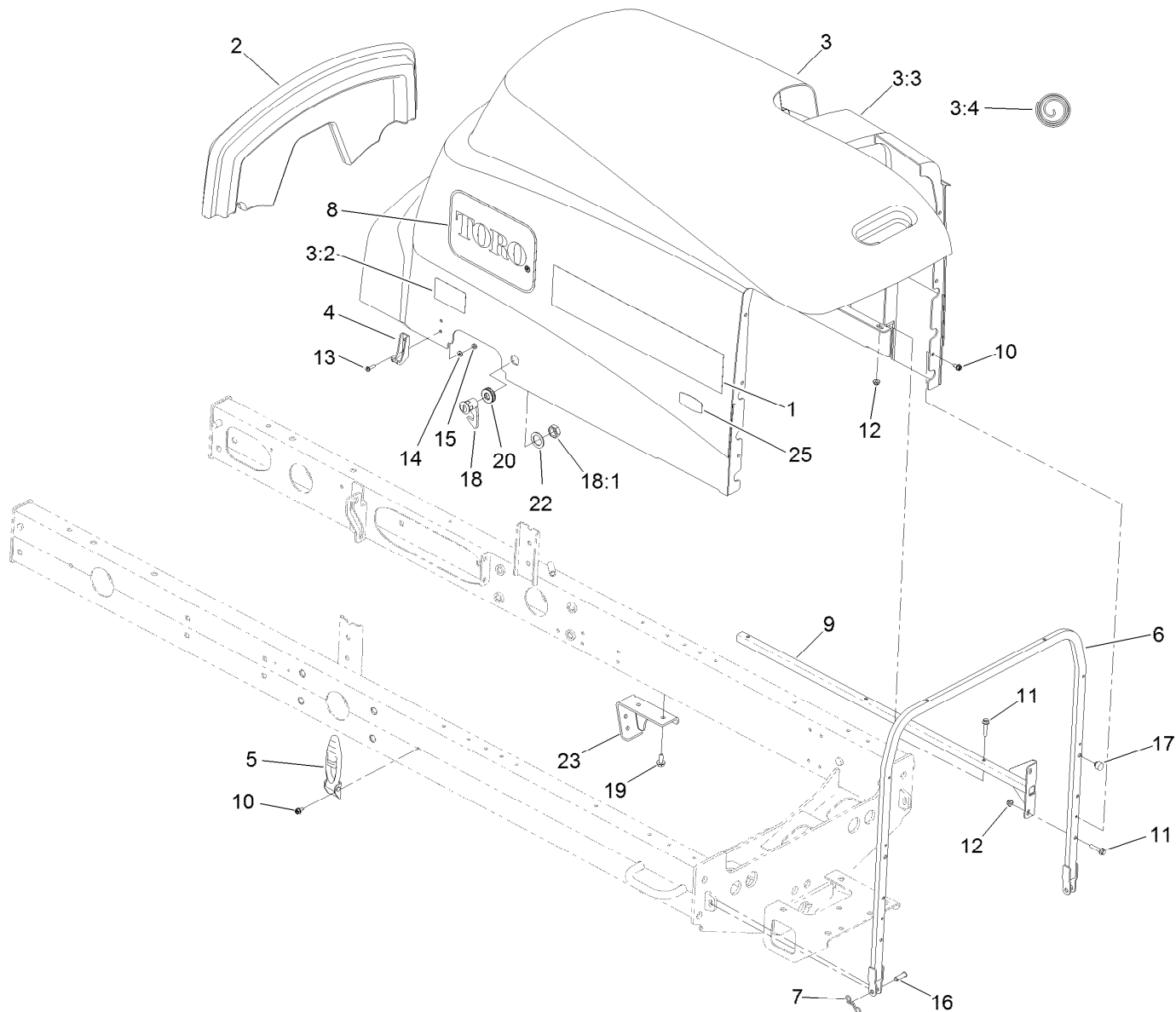
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 120-5155           | 1           | Seal Kit           |
| 2           | 120-6284           | 1           | Hub-Connecting     |



## Seat Base Assembly

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 1    | 110-5255    | 2    | Bumper-Base, Seat |
| 2    | 104-8301    | 4    | Nut-HF, NI        |
| 3    | 3231-27     | 4    | Screw-CARR        |
| 4    | 283-83      | 2    | Pin-Clevis        |
| 5    | 110-8971    | 1    | Latch             |
| 6    | 3290-307    | 4    | Pin-Cotter        |
| 7    | 98-0917     | 2    | Rod-Prop          |
| 8    | 108-1757    | 1    | Cover-Seatbase    |
| 9    | 125-2122-03 | 1    | Seat Base ASM     |
| 10   | 99-7411     | 1    | Point-Power       |
| 11   | 99-7416     | 1    | Cap               |

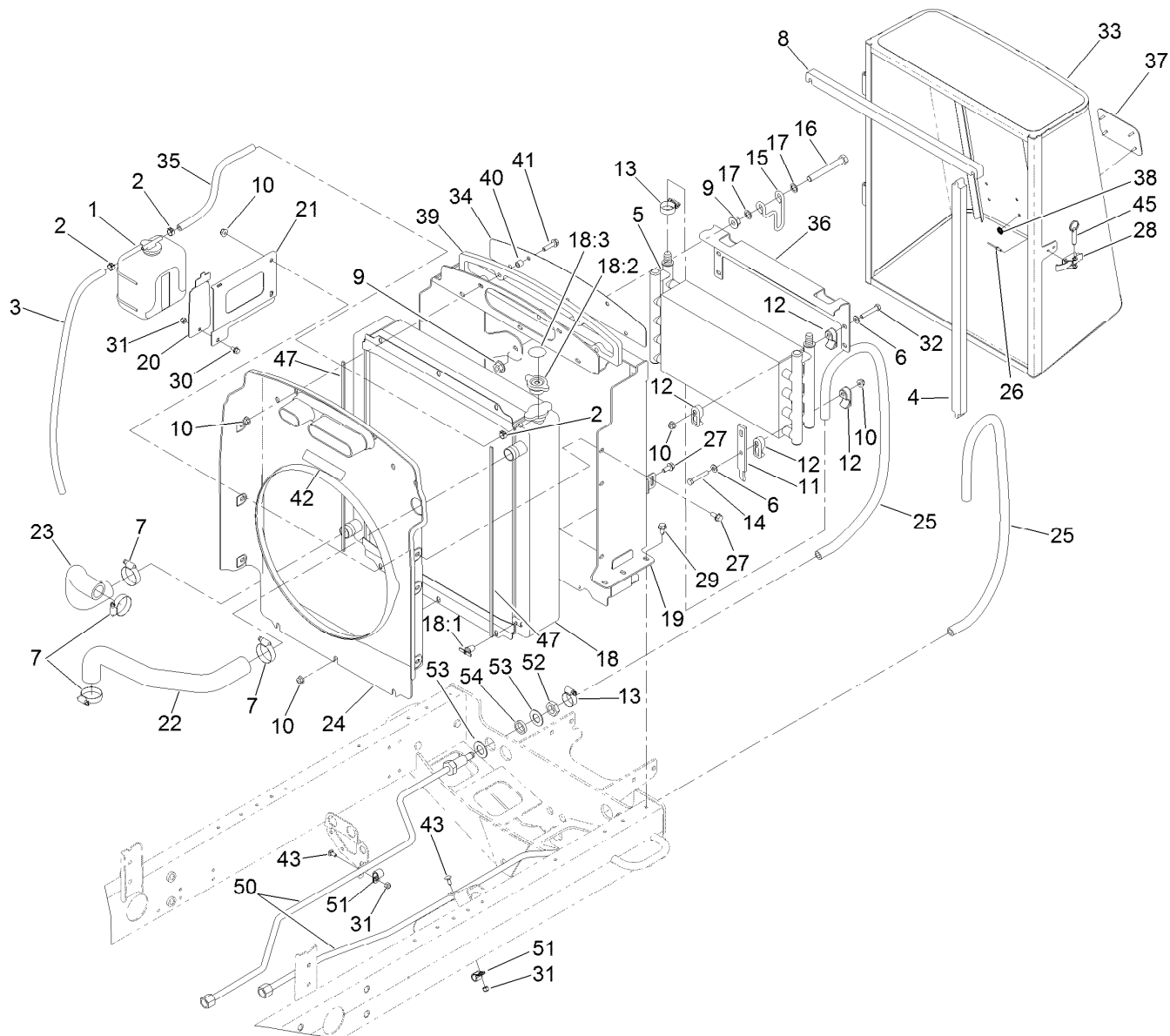
| Ref. | Part Number | Qty. | Description     |
|------|-------------|------|-----------------|
| 12   | 3272-11     | 2    | Pin-Cotter      |
| 13   | 3256-24     | 4    | Washer-Flat     |
| 14   | 125-2121-03 | 1    | Hinge-Seatbase  |
| 15   | 104-4821    | 1    | Spring-Torsion  |
| 16   | 3272-6      | 1    | Pin-Cotter      |
| 17   | 94-3829     | 1    | Pin-Clevis      |
| 18   | 3256-2      | 1    | Washer-Flat     |
| 19   | 240-12      | 1    | Grommet-Rubber  |
| 20   | 127-2377-03 | 1    | Bracket-Harness |
| 21   | 3234-13     | 2    | Screw-HHF       |
| 22   | 3296-16     | 2    | Nut-Lock, NI    |



## Hood Assembly

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 1    | 127-2304    | 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      |
| 3:4  | 110-9002    | 1    | Foil Tape Kit    |
| 4    | 103-2897    | 2    | Latch-Catch      |
| 5    | 103-2898    | 2    | Latch-Rubber     |
| 6    | 125-8819-03 | 1    | Tube-Frame, Hood |
| 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   | 3234-21     | 10   | Screw-HHF        |

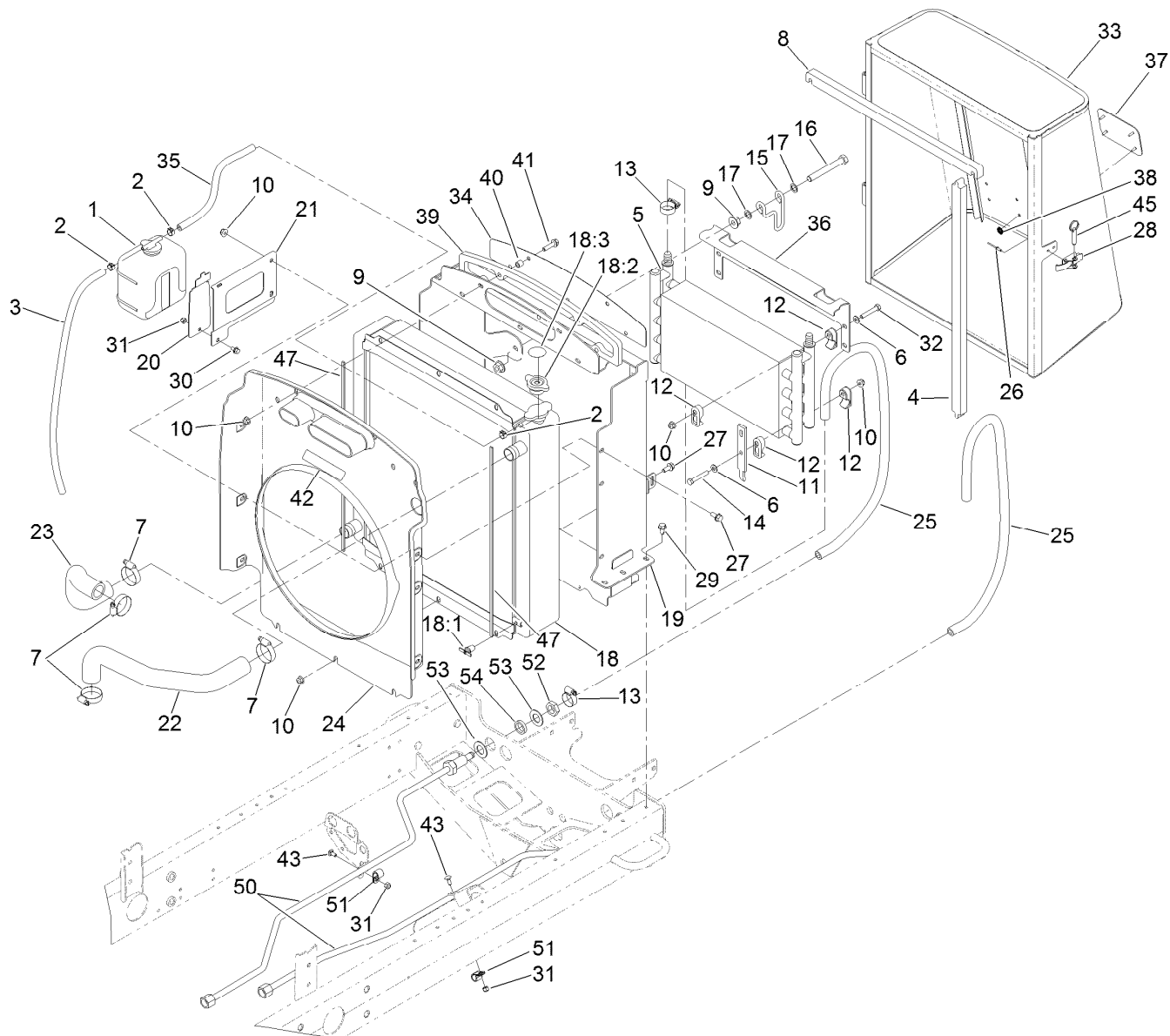
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 12   | 104-7201    | 10   | Nut-HF, NI          |
| 13   | 32105-13    | 4    | Screw-HWH           |
| 14   | 3256-14     | 4    | Washer-Flat         |
| 15   | 3296-12     | 4    | Nut-Lock, NI        |
| 16   | 283-61      | 2    | Pin-Yoke            |
| 17   | 107-8042    | 2    | Bumper-Rubber       |
| 18   | 98-5398     | 1    | Latch               |
| 18:1 | 3218-20     | 1    | Nut-Jam             |
| 19   | 32104-32    | 4    | Screw-HWH           |
| 20   | 104-1453    | 1    | Grommet             |
| 22   | 99-4958     | 1    | Spacer              |
| 23   | 110-0979-03 | 2    | Bracket-Deflector   |
| 25   | 119-7580    | 2    | Decal-Smart, Energy |



## Radiator Assembly

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    | 108-0638    | 1    | Bottle-Overflow         |
| 2    | 92-2379     | 3    | Clamp-Hose              |
| 3    | 110-3257    | 1    | Hose-Fuel               |
| 4    | 110-0967    | 2    | Seal-Foam               |
| 5    | 127-2480    | 1    | Cooler-Oil              |
| 6    | 3256-23     | 8    | Washer-Plain            |
| 7    | 2412-34     | 4    | Clamp-Hose              |
| 8    | 110-0968    | 2    | Seal-Foam               |
| 9    | 32128-49    | 4    | Nut-HHF                 |
| 10   | 104-8300    | 22   | Nut-HF, NI              |
| 11   | 104-5460-03 | 2    | Plate-Mount, Oil Cooler |
| 12   | 105-3943    | 16   | Clamp-Cooler, Oil       |
| 13   | 2412-119    | 4    | Clamp-Hose, Worm Drive  |
| 14   | 322-10      | 4    | Screw-HH                |
| 15   | 104-5429    | 2    | Clamp-Form, Wire        |
| 16   | 325-17      | 2    | Screw-HH                |
| 17   | 41-8440     | 4    | Washer                  |
| 18   | 119-6956    | 1    | Radiator ASM            |
| 18:1 | 304-46      | 1    | Draincock               |
| 18:2 | 93-5957     | 1    | Cap-Radiator            |
| 18:3 | 106-6755    | 1    | Decal-Cap, Radiator     |

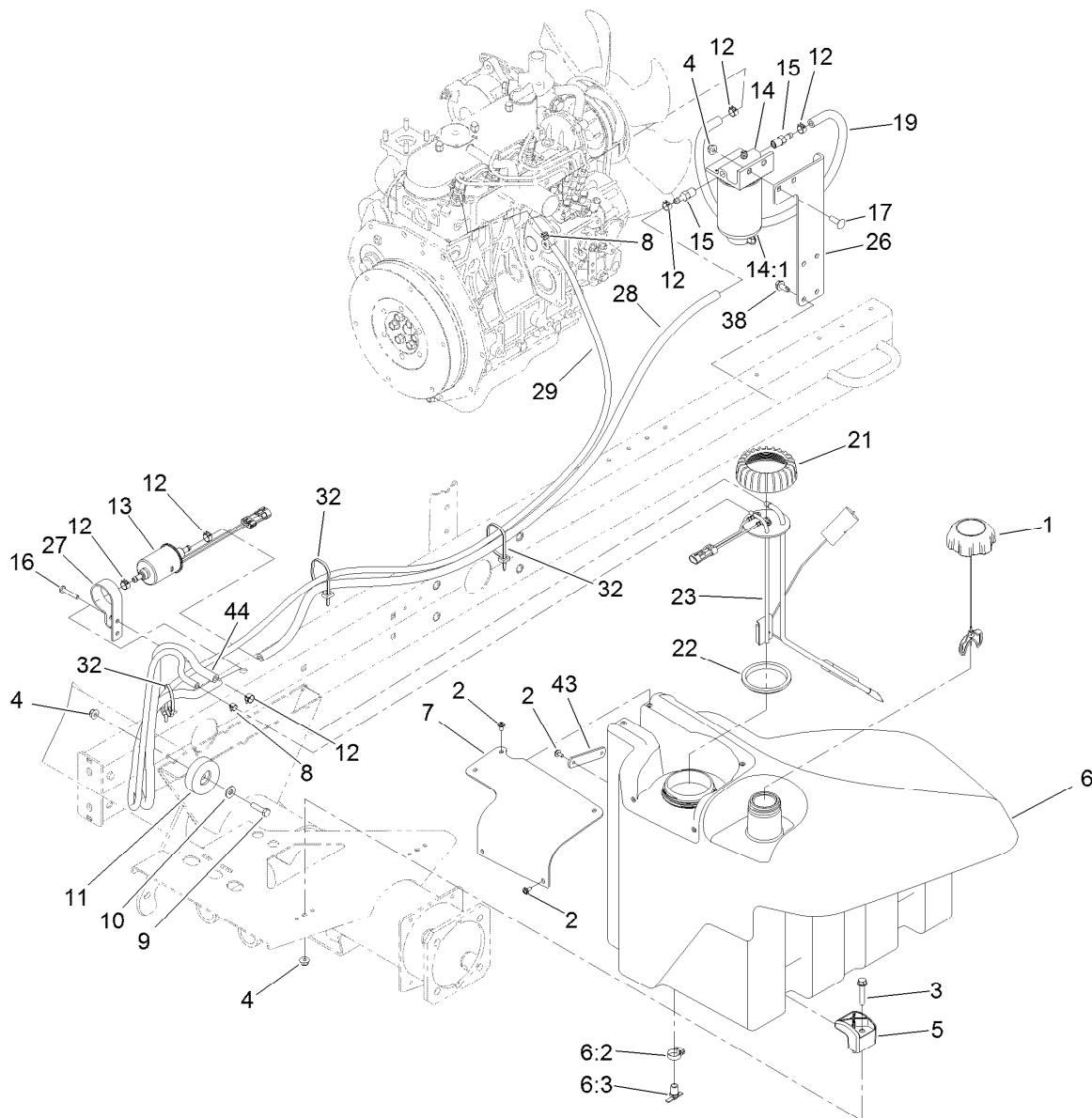
| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 19   | 127-2665-03 | 1    | Frame-Support, Radiator |
| 20   | 108-1665-03 | 1    | Bracket-Reservoir       |
| 21   | 108-1666-03 | 1    | Bracket-Reservoir       |
| 22   | 108-1696    | 1    | Hose-Formed             |
| 23   | 108-1697    | 1    | Hose-Formed             |
| 24   | 127-2474    | 1    | Shroud-Fan              |
| 25   | 127-2346    | 2    | Hose                    |
| 26   | 3269-15     | 2    | Rivet-Pop               |
| 27   | 3234-5      | 9    | Screw-HHF               |
| 28   | 115-1554    | 1    | Latch-Draw              |
| 29   | 32104-32    | 6    | Screw-HWH               |
| 30   | 3234-13     | 1    | Screw-HHF               |
| 31   | 3296-42     | 3    | Nut-Lock, NI            |
| 32   | 322-21      | 4    | Screw-HH                |
| 33   | 110-0952-03 | 1    | Screen ASM              |
| 34   | 108-1843-03 | 1    | Screen-Intake, Air      |
| 35   | 110-4104    | 1    | Hose-Fuel               |
| 36   | 107-2043-03 | 1    | Bracket-Oil Cooler, Top |
| 37   | 93-6028     | 1    | Plate-Logo              |
| 38   | 138-6996    | 4    | Nut-Push                |
| 39   | 110-5324    | 1    | Seal-Foam               |



## Radiator Assembly (continued)

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 40   | 1-603903    | 5    | Spacer           |
| 41   | 3234-36     | 5    | Screw-HHF        |
| 42   | 93-7272     | 1    | Decal-Warning    |
| 43   | 3229-11     | 2    | Screw-CARR       |
| 45   | 115-1556    | 1    | Pin-Ball, Detent |
| 47   | 110-0971    | 2    | Seal-Foam        |

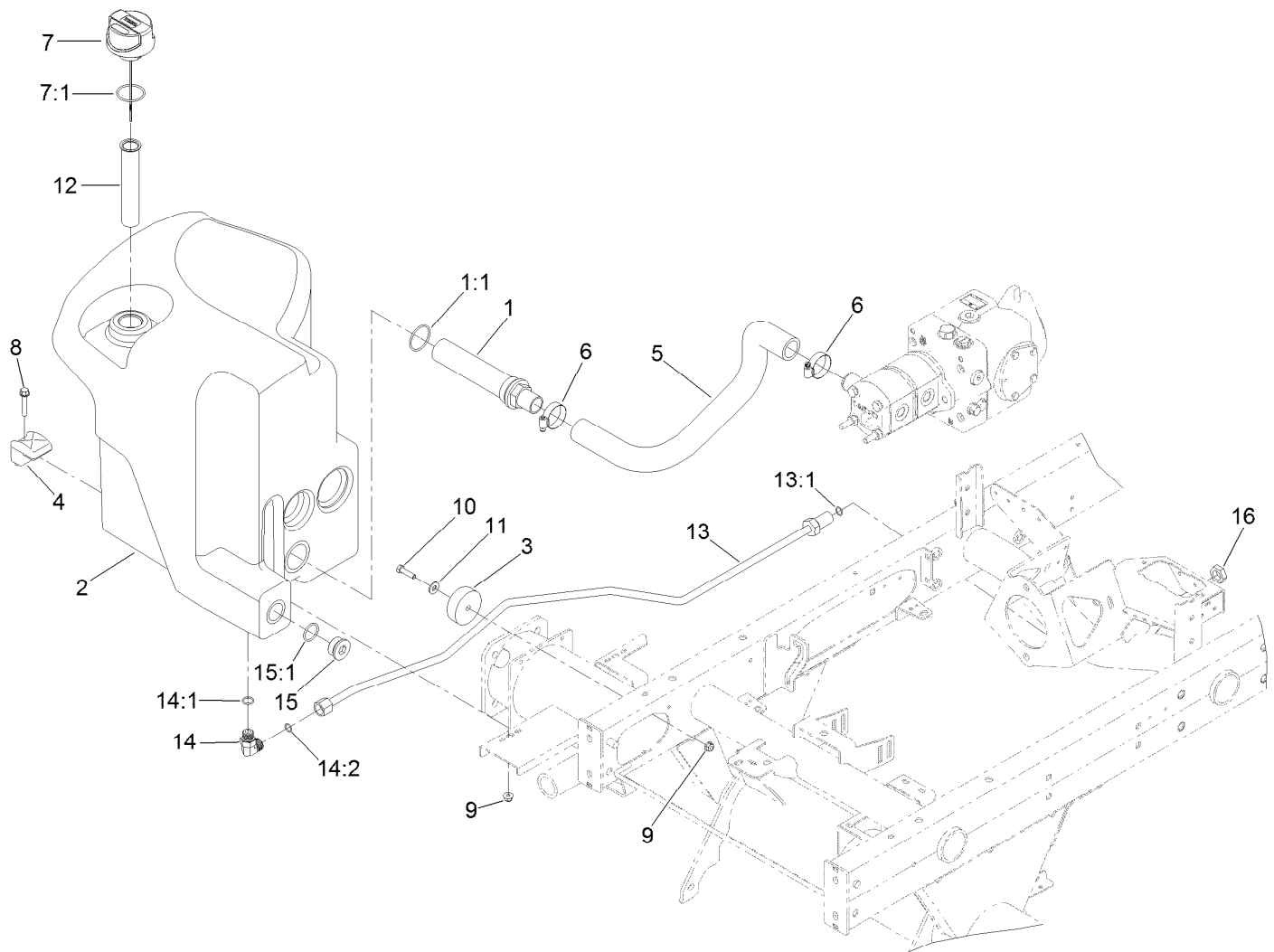
| Ref. | Part Number | Qty. | Description  |
|------|-------------|------|--------------|
| 50   | 127-2475    | 2    | Tube ASM     |
| 51   | 2412-73     | 2    | Clamp-R      |
| 52   | 340-127     | 2    | Nut-Bulkhead |
| 53   | 69-8930     | 4    | Washer       |
| 54   | 127-2344    | 2    | Spacer       |



## Fuel System Assembly

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 1    | 117-5894    | 1    | Fuel Cap ASM      |
| 2    | 109-2661    | 7    | Screw-PPH         |
| 3    | 94-5780     | 2    | Screw-HWH         |
| 4    | 104-8300    | 5    | Nut-HF, NI        |
| 5    | 107-4543    | 2    | Clamp             |
| 6    | 125-2907    | 1    | Fuel Tank ASM     |
| 6:2  | 2412-36     | 1    | Clamp-Hose        |
| 6:3  | 304-46      | 1    | Draincock         |
| 7    | 125-2903    | 1    | Cover-Pump/Sender |
| 8    | 2412-80     | 2    | Clamp-Hose        |
| 9    | 322-6       | 1    | Screw-HH          |
| 10   | 3256-3      | 1    | Washer-Flat       |
| 11   | 108-1605    | 1    | Bumper-Recess     |
| 12   | 92-2379     | 6    | Clamp-Hose        |
| 13   | 110-8806    | 1    | Pump-Fuel         |
| 14   | 110-9044    | 1    | Separator-Filter  |

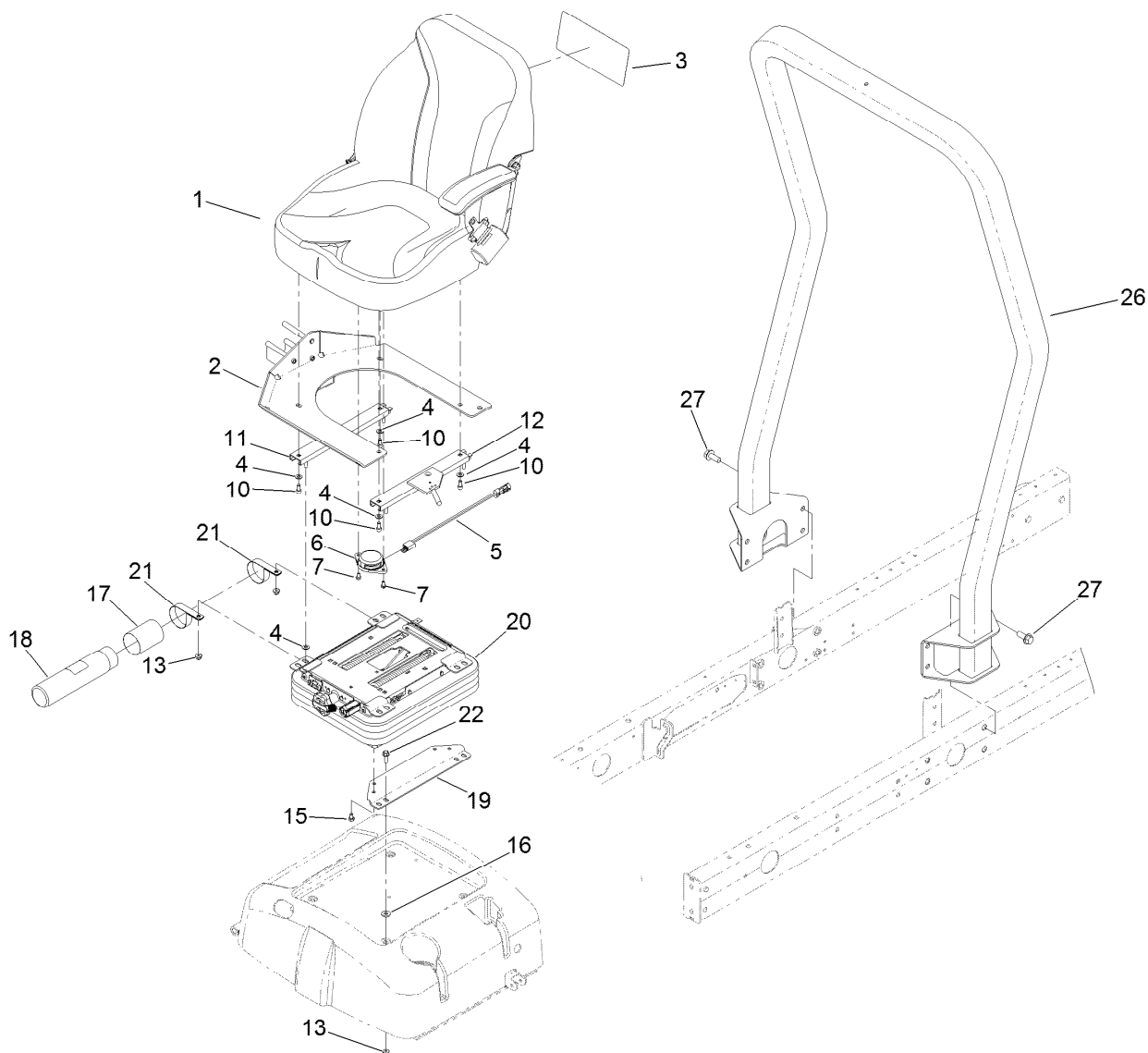
| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 14:1 | 110-9049    | 1    | Filter-Spin On, Fuel/Water |
| 15   | 353-783     | 2    | Fitting-STR                |
| 16   | 32104-96    | 1    | Screw-HH                   |
| 17   | 3230-22     | 2    | Screw-CARR                 |
| 19   | 109-0309    | 1    | Hose-Fuel                  |
| 21   | 115-2162    | 1    | Cap-Pump, Fuel             |
| 22   | 115-2163    | 1    | Gasket-Pump, Fuel          |
| 23   | 121-5642    | 1    | Sender-Fuel                |
| 26   | 110-8968-01 | 1    | Mount-Separator, Water     |
| 27   | 110-8817    | 1    | Bracket-Pump, Fuel         |
| 28   | 110-3259    | 1    | Hose-Fuel                  |
| 29   | 125-8808    | 1    | Hose-Fuel                  |
| 32   | 3290-378    | 3    | Tie-Cable                  |
| 38   | 32104-32    | 4    | Screw-HWH                  |
| 43   | 125-2945    | 1    | Strap-Cable                |
| 44   | 110-3258    | 1    | Hose-Fuel                  |



## Hydraulic Tank Assembly

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 105-0131    | 1    | Strainer-Tank, Oil    |
| 1:1  | 340-136     | 1    | O-Ring                |
| 2    | 121-5587    | 1    | Tank-Hydraulic        |
| 3    | 108-1605    | 1    | Bumper-Recess         |
| 4    | 107-4543    | 2    | Clamp                 |
| 5    | 125-1527    | 1    | Hose-Suction          |
| 6    | 2412-3      | 2    | Clamp-Hose            |
| 7    | 117-0193    | 1    | Cap-Hydraulic, Vented |
| 7:1  | 237-101     | 1    | O-Ring                |
| 8    | 94-5780     | 2    | Screw-HWH             |
| 9    | 104-8300    | 3    | Nut-HF, NI            |

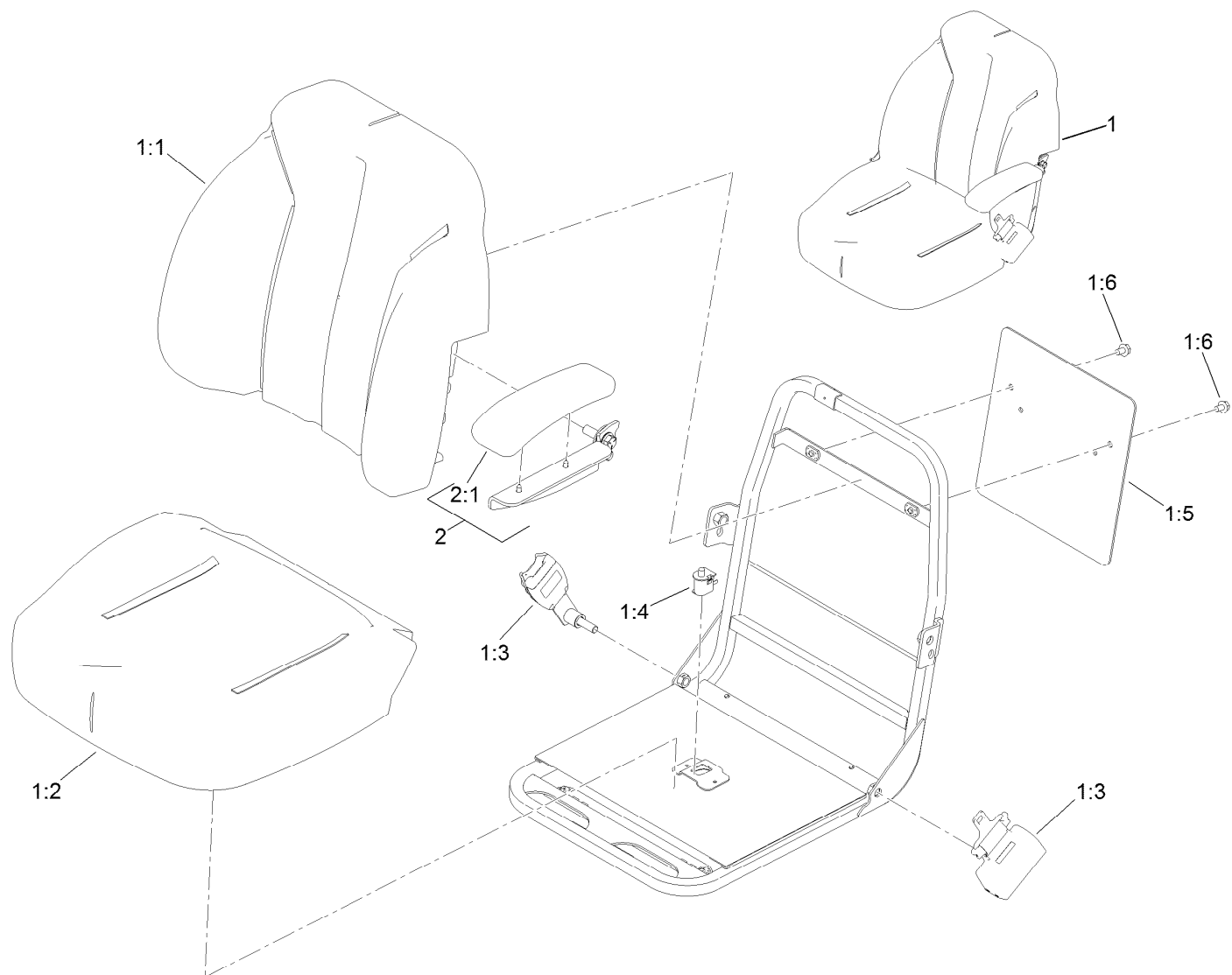
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 10   | 322-6       | 1    | Screw-HH              |
| 11   | 3256-3      | 1    | Washer-Flat           |
| 12   | 61-2790     | 1    | Filter-Screen         |
| 13   | 127-2476    | 1    | Tube-ASM.             |
| 13:1 | 237-30      | 1    | O-Ring                |
| 14   | 340-98      | 1    | Fitting-Elbow, 90 DEG |
| 14:1 | 237-79      | 1    | O-Ring                |
| 14:2 | 237-30      | 1    | O-Ring                |
| 15   | 105-3921    | 1    | Fitting-Plug          |
| 15:1 | 237-146     | 1    | O-Ring                |
| 16   | 340-127     | 1    | Nut-Bulkhead          |



## Seat Mounting Assembly

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    | 139-2700    | 1    | Seat ASM                   |
| 2    | 138-6985-03 | 1    | Mount-Seat                 |
| 3    | 125-8798    | 1    | Decal-Service, Japanese    |
| 3    | 138-6975    | 1    | Decal-Service              |
| 4    | 3256-23     | 8    | Washer-Plain               |
| 5    | 108-8657    | 1    | Harness-Wire, Seat         |
| 6    | 136-9002    | 4    | Spacer-Mounting            |
| 7    | 130-7100    | 1    | Trim-Seatbase              |
| 10   | 3290-511    | 4    | Screw-HSBH                 |
| 11   | 92-8990     | 1    | Adjuster-Seat, Non-Locking |
| 12   | 92-8991     | 1    | Adjuster (W/Latch)         |
| 13   | 104-8300    | 8    | Nut-HF, NI                 |

| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 15   | 48-7680     | 4    | Screw-HH                  |
| 16   | 71-9310     | 4    | Spacer                    |
| 17   | 104-7048    | 1    | Cap-Housing               |
| 18   | 104-7050    | 1    | Tube-Manual               |
| 19   | 108-6590-03 | 2    | Bracket-Seat, Lower       |
| 20   | 110-8851    | 1    | Mechanical Suspension ASM |
| 21   | 2412-133    | 2    | Clamp-R                   |
| 22   | 3234-17     | 4    | Screw-HHF                 |
| 26   | 136-7954    | 1    | ROPS ASM                  |
| 27   | 3234-38     | 8    | Screw-HHF                 |



## Seat Assembly No. 139-2700

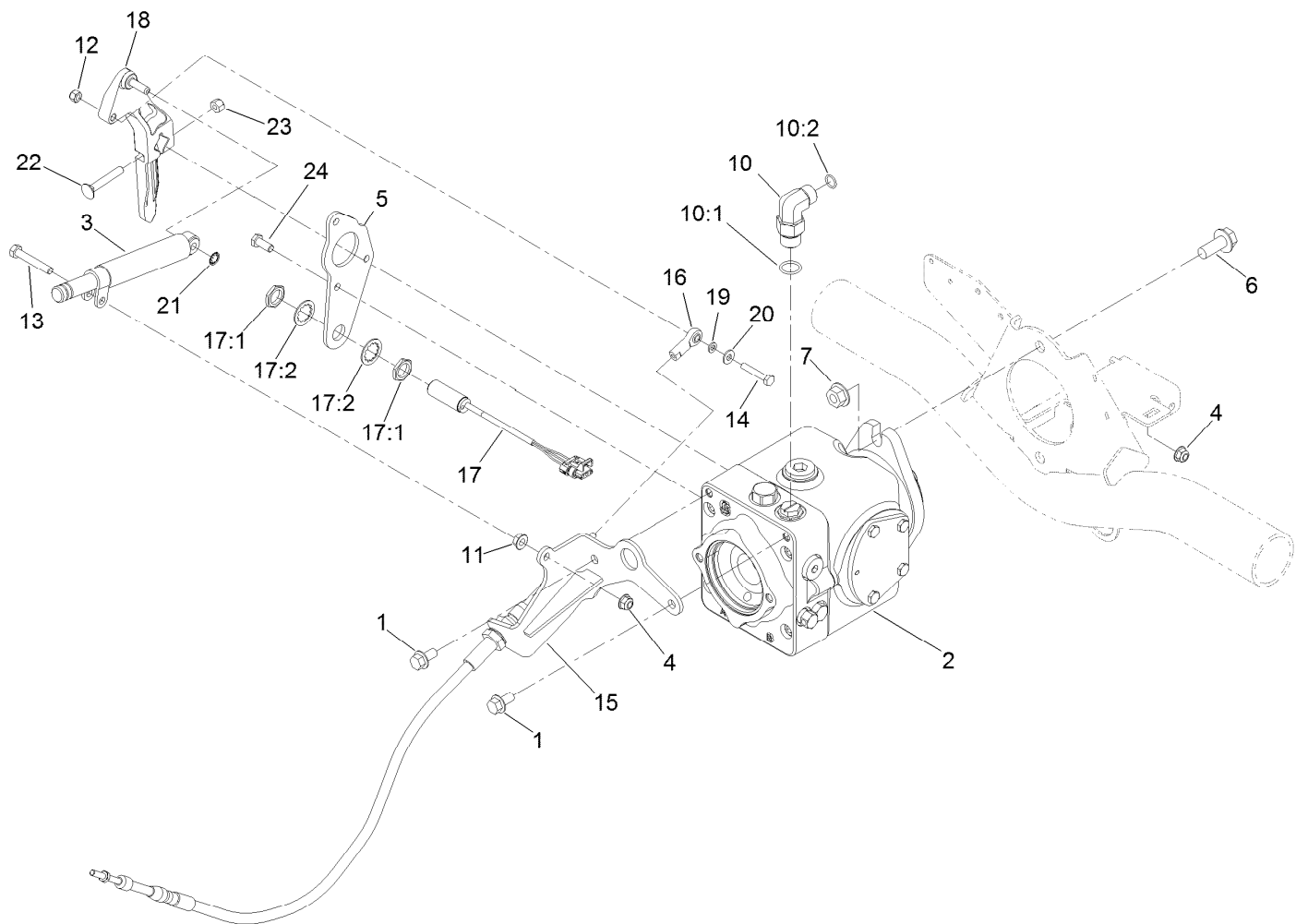
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 139-2680    | 1    | Seat ASM           |
| 1:1  | 139-2705    | 1    | Cover-Seat, Back   |
| 1:2  | 139-2706    | 1    | Cover-Seat, Bottom |
| 1:3  | 139-2707    | 1    | Seat Belt Kit      |
| 1:4  | 82-2190     | 1    | Switch-Bail        |
| 1:5  | 139-2701    | 1    | Plate-Decal        |
| 1:6  | 3234-30     | 2    | Screw-HHF          |
| 2    | 121-3660    | 1    | LH Arm Rest Kit    |
| 2:1  | 110-4163    | 1    | Cushion-Rest, Arm  |



## Mechanical Seat Suspension Assembly No. 110-8851

| Ref. | Part Number | Qty. | Description                  |
|------|-------------|------|------------------------------|
| 1    | 119-8040    | 1    | Knobs Service Kit            |
| 6    | 108-4584    | 1    | Weight Indicator Service Kit |
| 6:1  |             | 1    | Tape-Weight Adjust ●         |
| 6:2  |             | 1    | Guide-Weight Adjust ●        |
| 7    | 108-9632    | 4    | Roller                       |
| 8    | 108-9633    | 1    | Spring-Extension             |
| 10   | 112-0164    | 1    | Boot Kit                     |
| 10:1 |             | 1    | Boot-Suspension ●            |
| 10:2 | 108-9641    | 21   | Clip-Plug                    |
| 18   | 108-9634    | 1    | Bumper                       |
| 21   | 108-9614    | 1    | Damper                       |
| 26   | 108-9622    | 2    | Tube                         |
| 33   | 3290-54     | 2    | Rivet-Blind                  |
| 39   | 3272-9      | 1    | Pin-Cotter                   |
| 42   | 32152-2     | 1    | Nut-Lock, Cone               |

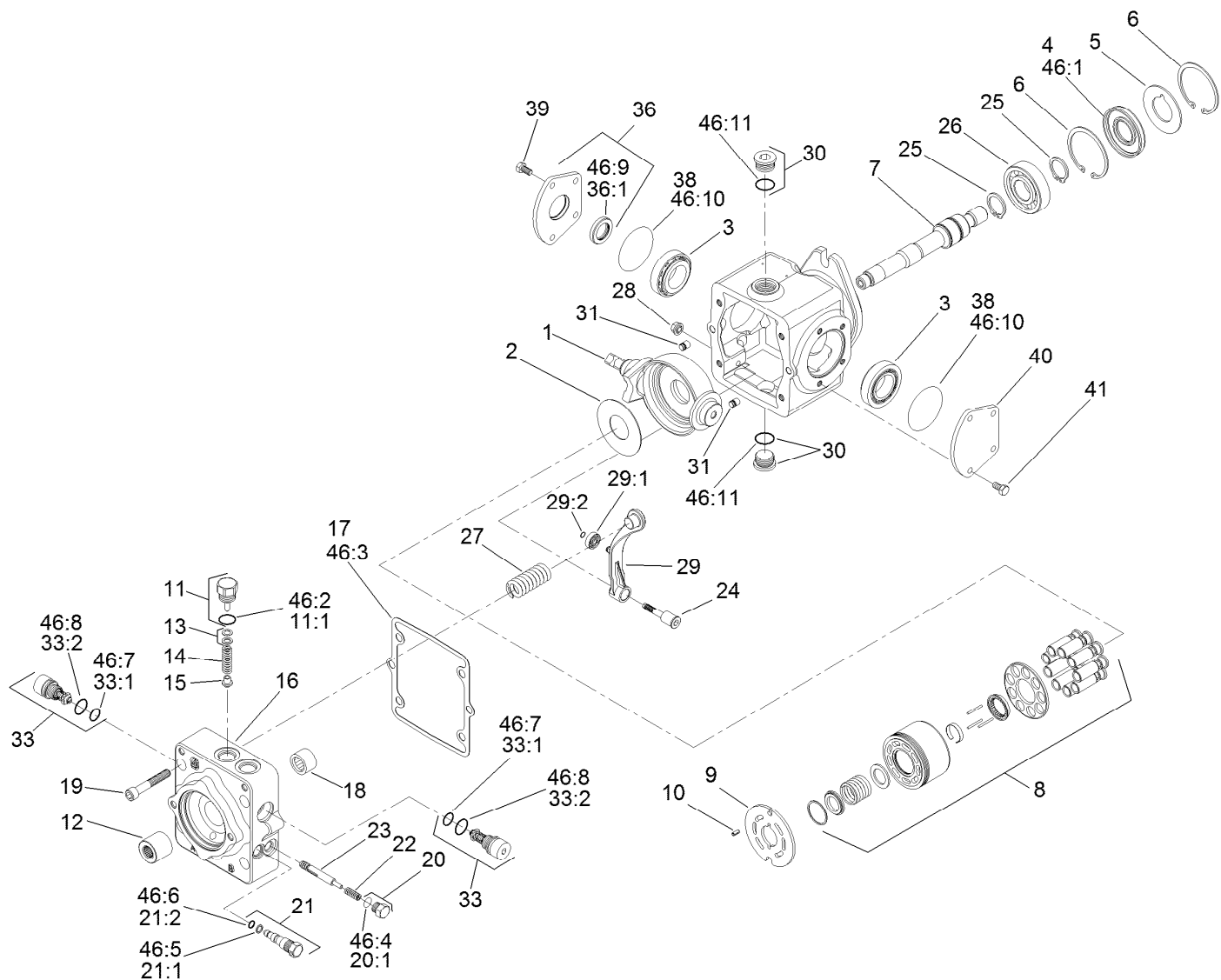
● Not serviced separately



## Traction Pump Mounting Assembly

| Ref. | Part Number | Qty. | Description                    |
|------|-------------|------|--------------------------------|
| 1    | 3234-1      | 2    | Screw-HHF                      |
| 2    | 119-6972    | 1    | Variable Hydraulic Pump<br>ASM |
| 3    | 76-8870     | 1    | Damper-Lever                   |
| 4    | 104-8300    | 1    | Nut-HF, NI                     |
| 5    | 125-8822-03 | 1    | Plate-Pump                     |
| 6    | 3234-38     | 2    | Screw-HHF                      |
| 7    | 32128-49    | 2    | Nut-HHF                        |
| 10   | 340-105     | 1    | Fitting-Elbow, 90 DEG          |
| 10:1 | 237-80      | 1    | O-Ring                         |
| 10:2 | 237-30      | 1    | O-Ring                         |
| 11   | 32128-20    | 1    | Nut-HF                         |
| 12   | 3296-42     | 1    | Nut-Lock, NI                   |
| 13   | 322-10      | 1    | Screw-HH                       |

| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 14   | 321-9       | 1    | Screw-HH                    |
| 15   | 127-2356-03 | 1    | Bracket-Cable               |
| 16   | 2411-41     | 1    | Rod End-Ball Joint          |
| 17   | 115-5300    | 1    | Proximity Switch ASM        |
| 17:1 | 117-3207    | 2    | Nut-Hex                     |
| 17:2 | 117-3208    | 2    | Washer-Lock, Internal Tooth |
| 18   | 117-0265    | 1    | Lever-Pump                  |
| 19   | 33093-00    | 1    | Washer-Flat                 |
| 20   | 3256-22     | 1    | Washer-Flat                 |
| 21   | 32151-72    | 1    | Ring-Retaining              |
| 22   | 3230-6      | 1    | Bolt-CARR                   |
| 23   | 3296-29     | 1    | Nut-Lock, NI                |
| 24   | 33114-020   | 3    | Screw-HH                    |



## Hydraulic Pump Assembly No. 119-6972

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    | 115-8092    | 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   | 115-8087    | 1    | Cap-End                 |
| 17   | 110-6476    | 1    | Gasket-Cap, End         |

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 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                 |
| 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   | 115-8085    | 1    | Spring-Neutral Return  |
| 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                   |

● Not illustrated

■ Not serviced separately



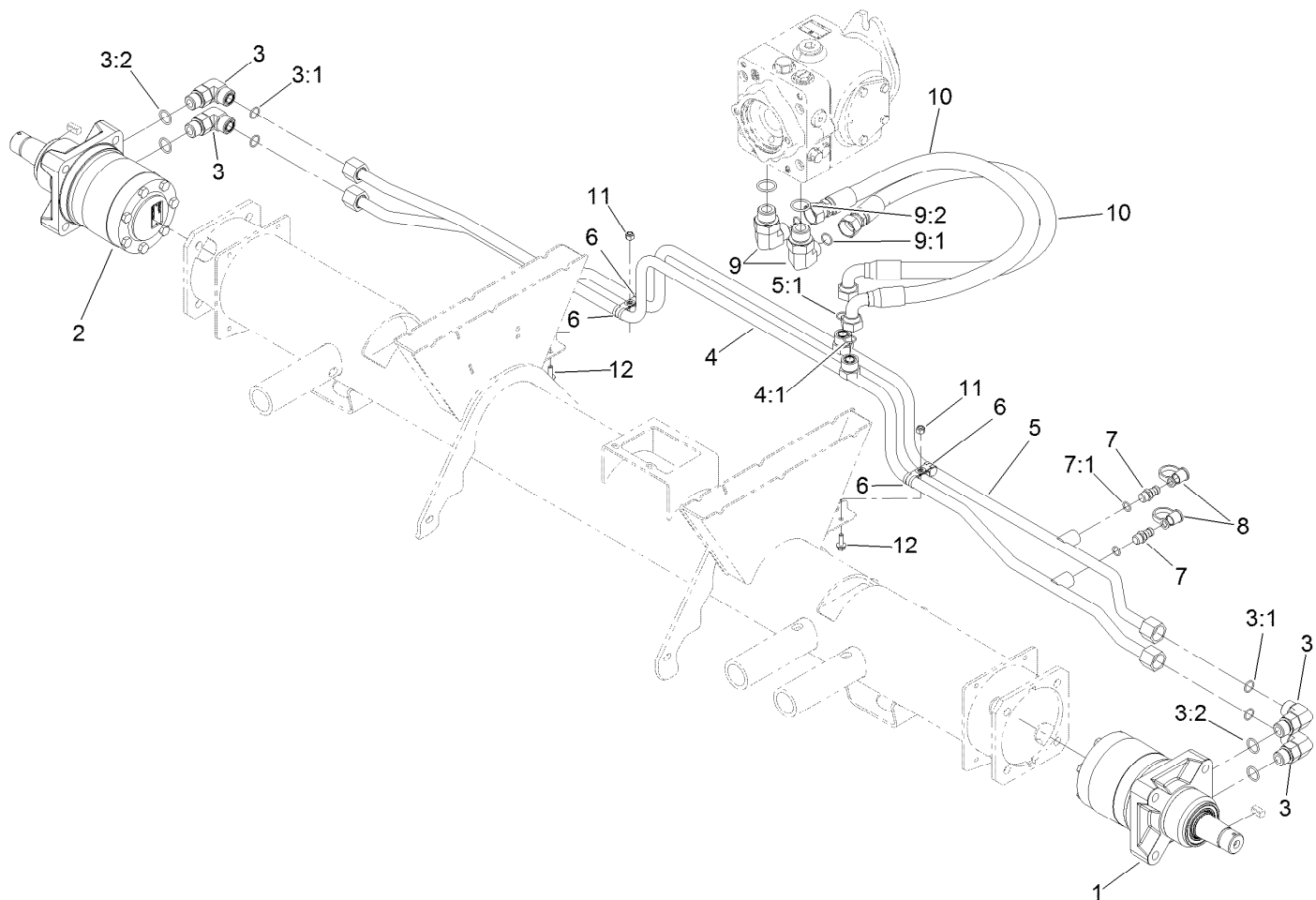
## Hydraulic Pump Assembly No. 119-6972 (continued)

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 31   | 112-0158    | 2    | Pin                |
| 33   | 110-6477    | 2    | Valve-Relief       |
| 33:1 | 75-0240     | 1    | O-Ring             |
| 33:2 | 84-0560     | 1    | O-Ring             |
| 36   | 110-6499    | 1    | Trunnion Cover ASM |
| 36:1 | 110-6478    | 1    | Seal-Lip           |
| 38   | 84-0430     | 2    | O-Ring             |
| 39   | 112-0150    | 4    | Screw              |
| 40   | 84-0440     | 1    | Cover-Trunnion     |
| 41   | 112-0151    | 4    | Screw              |
| 46   | 110-6481    | 1    | Seal Kit ●         |

| Ref.  | Part Number | Qty. | Description     |
|-------|-------------|------|-----------------|
| 46:1  | 110-6471    | 1    | Seal-Lip        |
| 46:2  | 28-3570     | 1    | O-Ring          |
| 46:3  | 110-6476    | 1    | Gasket-Cap, End |
| 46:4  | 131-8631    | 2    | 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 | 131-8614    | 2    | O-Ring          |

● Not illustrated

■ Not serviced separately



## Traction Hydraulic Assembly

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 133-2935    | 1    | Hydraulic Motor ASM   |
| 2    | 133-2934    | 1    | Hydraulic Motor ASM   |
| 3    | 340-17      | 4    | Fitting-Elbow, 90 DEG |
| 3:1  | 237-65      | 1    | O-Ring                |
| 3:2  | 237-80      | 1    | O-Ring                |
| 4    | 125-1493    | 1    | Tube ASM              |
| 4:1  | 237-65      | 1    | O-Ring                |
| 5    | 125-1494    | 1    | Tube ASM              |
| 5:1  | 237-65      | 1    | O-Ring                |
| 6    | 2412-134    | 4    | Clamp-R               |

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 7    | 59-7410     | 2    | Fitting-Diagnostic |
| 7:1  | 237-42      | 1    | O-Ring             |
| 8    | 354-79      | 2    | Cap-Dust           |
| 9    | 340-139     | 2    | Fitting-Elbow 90   |
| 9:1  | 237-81      | 1    | O-Ring             |
| 9:2  | 237-65      | 1    | O-Ring             |
| 10   | 127-2300    | 2    | Hose ASM           |
| 11   | 3296-42     | 2    | Nut-Lock, NI       |
| 12   | 3234-4      | 2    | Screw-HHF          |



## Hydraulic Motor Assembly No. 133-2935 (CCW)

| Ref. | Part Number | Qty. | Description     |
|------|-------------|------|-----------------|
| 1    | 120-6268    | 1    | Seal Kit        |
| 1:1  |             | 1    | Seal-Grease ●   |
| 1:2  |             | 1    | Shell-Bearing ● |
| 1:3  |             | 3    | O-Ring ●        |
| 1:4  |             | 1    | Seal-Shaft ●    |
| 1:5  |             | 2    | Ring-Back Up ●  |
| 1:6  |             | 1    | O-Ring ●        |

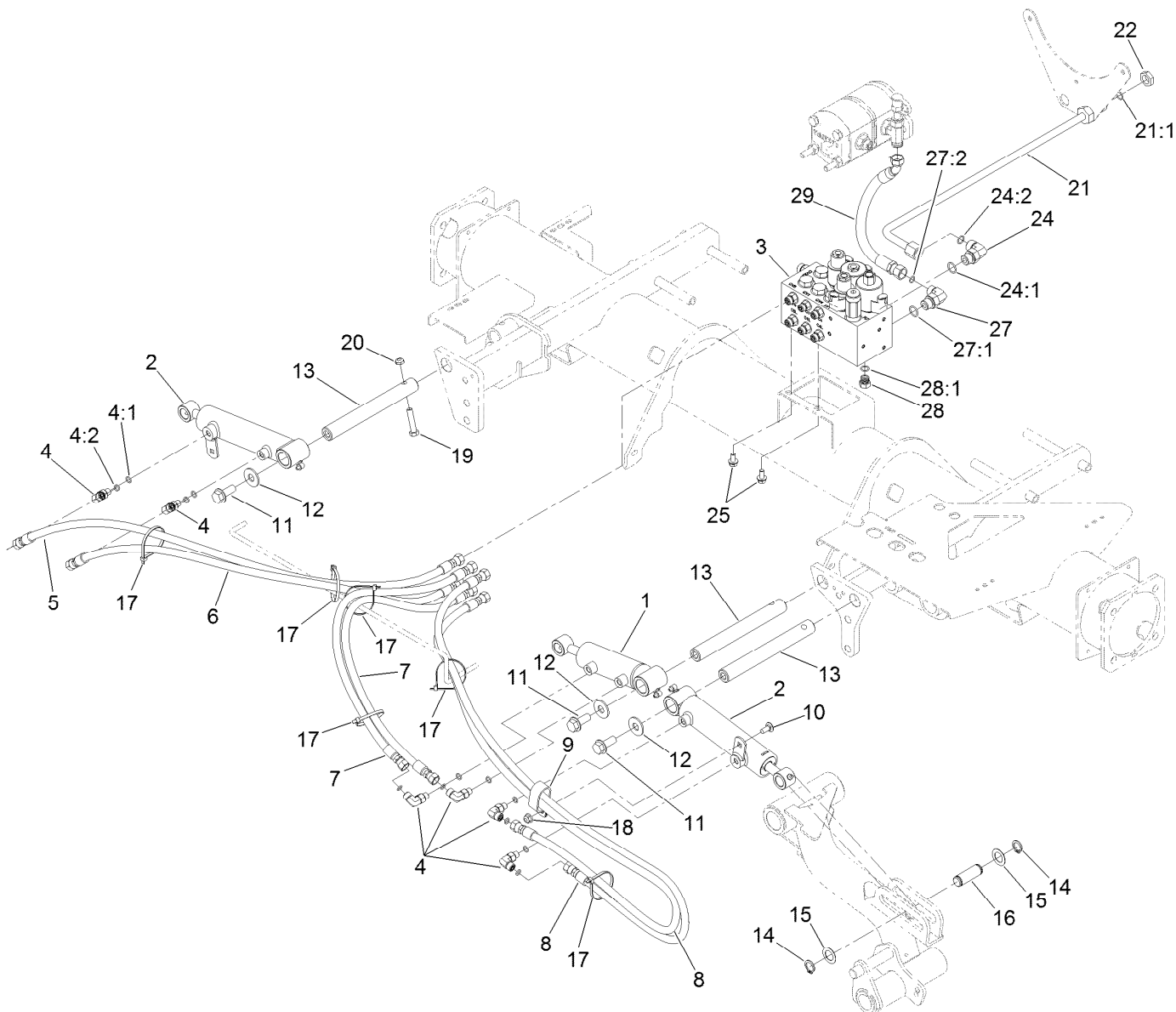
● Not serviced separately



## Hydraulic Motor Assembly No. 133-2934 (CW)

| Ref. | Part Number | Qty. | Description     |
|------|-------------|------|-----------------|
| 1    | 120-6268    | 1    | Seal Kit        |
| 1:1  |             | 1    | Seal-Grease ●   |
| 1:2  |             | 1    | Shell-Bearing ● |
| 1:3  |             | 3    | O-Ring ●        |
| 1:4  |             | 1    | Seal-Shaft ●    |
| 1:5  |             | 2    | Ring-Back Up ●  |
| 1:6  |             | 1    | O-Ring ●        |

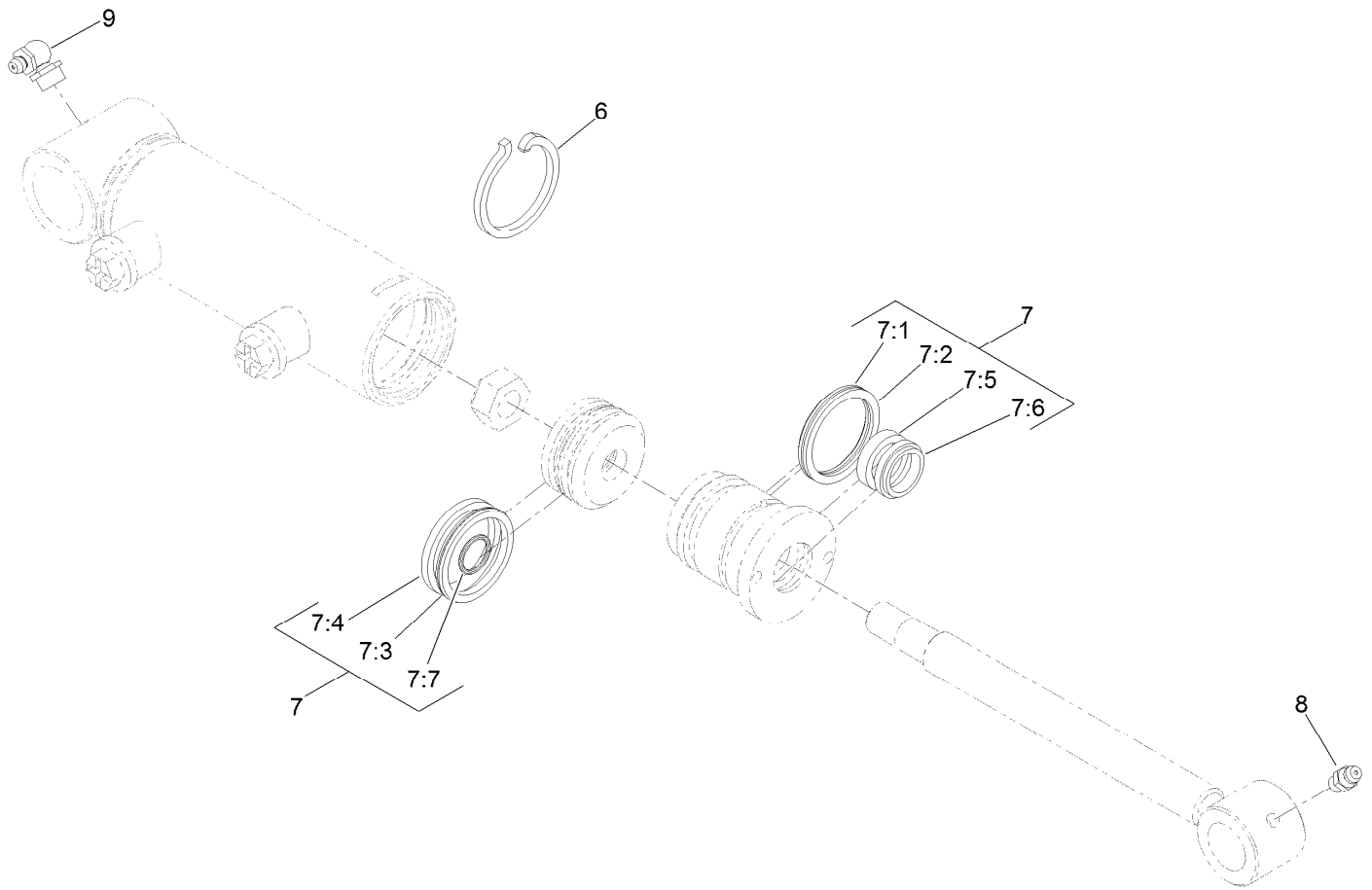
● Not serviced separately



## Front Lift Hydraulic Assembly

| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 1    | 138-6999    | 1    | HYD Cylinder ASM            |
| 2    | 119-6987    | 2    | HYD Cylinder ASM            |
| 3    | 105-7577    | 1    | HYD Lift Block Manifold ASM |
| 4    | 340-132     | 6    | Fitting-Elbow, 90 DEG       |
| 4:1  | 237-78      | 1    | O-Ring                      |
| 4:2  | 237-21      | 1    | O-Ring                      |
| 5    | 127-2498    | 1    | Hose ASM                    |
| 6    | 127-2499    | 1    | Hose ASM                    |
| 7    | 127-2497    | 2    | Hose ASM                    |
| 8    | 127-2496    | 2    | Hose ASM                    |
| 9    | 2412-137    | 1    | Clamp-R, Double             |
| 10   | 3230-23     | 1    | Bolt-CARR                   |
| 11   | 3234-38     | 3    | Screw-HHF                   |
| 12   | 3256-6      | 3    | Washer-Flat                 |
| 13   | 117-0148    | 3    | Pin-Cylinder                |
| 14   | 32120-93    | 6    | Ring-Retaining              |
| 15   | 3-6498      | 6    | Washer-Thrust               |

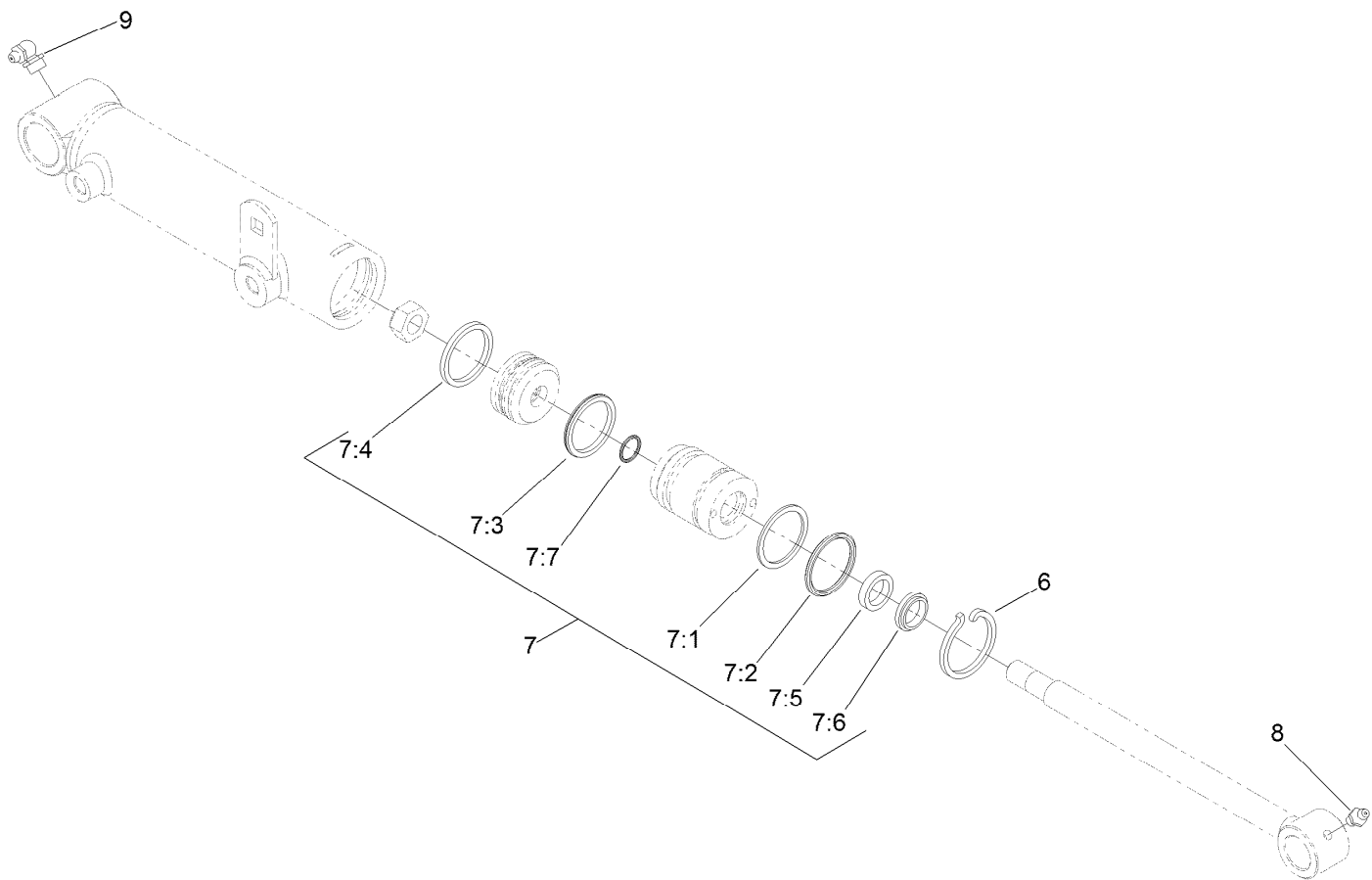
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 16   | 104-0046    | 3    | Pin-Slide, Cylinder   |
| 17   | 3290-379    | 6    | Tie-Cable             |
| 18   | 104-8300    | 1    | Nut-HF, NI            |
| 19   | 323-9       | 3    | Screw-HH              |
| 20   | 3296-59     | 3    | Nut-Lock, NI          |
| 21   | 127-2477    | 1    | Tube ASM              |
| 21:1 | 237-30      | 1    | O-Ring                |
| 22   | 340-127     | 1    | Nut-Bulkhead          |
| 24   | 340-98      | 1    | Fitting-Elbow, 90 DEG |
| 24:1 | 237-79      | 1    | O-Ring                |
| 24:2 | 237-30      | 1    | O-Ring                |
| 25   | 3234-14     | 2    | Screw-HHF             |
| 27   | 340-18      | 1    | Fitting-HYD, 90 DEG   |
| 27:1 | 237-79      | 1    | O-Ring                |
| 27:2 | 237-22      | 1    | O-Ring                |
| 28   | 353-508     | 1    | Plug-HH               |
| 28:1 | 237-42      | 1    | O-Ring                |
| 29   | 127-2535    | 1    | Hose-ASM              |



## Hydraulic Cylinder Assembly No. 138-6999

| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 6    | 84-1680     | 1    | Ring-Retaining |
| 7    | 133-2900    | 1    | Seal Kit       |
| 7:1  |             | 1    | O-Ring ●       |
| 7:2  |             | 1    | Backup ●       |
| 7:3  |             | 1    | Bp Seal ●      |
| 7:4  |             | 1    | Wear Ring-Ht ● |
| 7:5  |             | 1    | Bt Seal ●      |
| 7:6  |             | 1    | Dust Seal-Dt ● |
| 7:7  |             | 1    | O-Ring ●       |
| 8    | 302-5       | 1    | Fitting-Grease |
| 9    | 302-33      | 1    | Fitting-Grease |

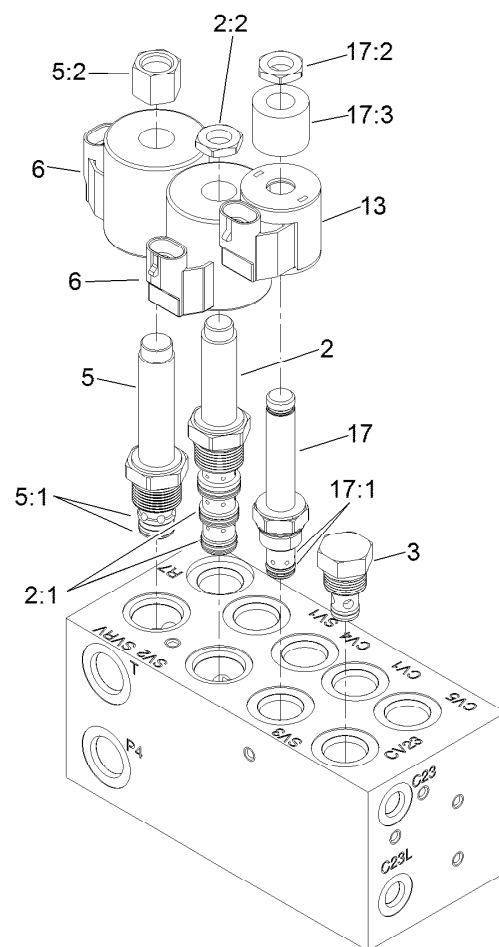
● Not serviced separately



## Hydraulic Cylinder Assembly No. 119-6987

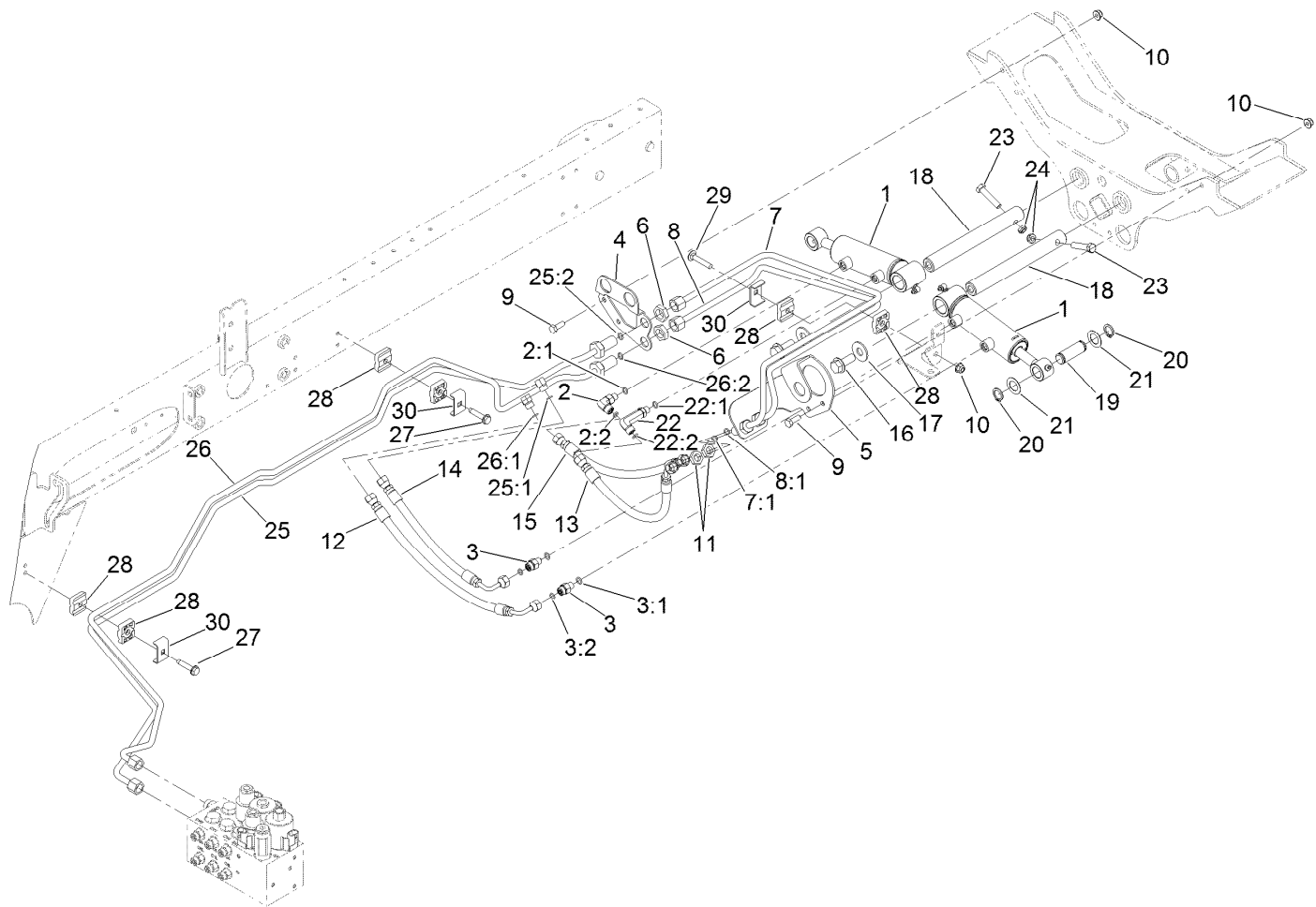
| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 6    | 84-1680     | 1    | Ring-Retaining |
| 7    | 119-6992    | 1    | Seal Kit       |
| 7:1  |             | 1    | O-Ring ●       |
| 7:2  |             | 1    | Backup ●       |
| 7:3  |             | 1    | Bp Seal ●      |
| 7:4  |             | 1    | Wear Ring-Ht ● |
| 7:5  |             | 1    | Bs Seal ●      |
| 7:6  |             | 1    | Dust Seal-Dt ● |
| 7:7  |             | 1    | O-Ring ●       |
| 8    | 302-5       | 1    | Fitting-Grease |
| 9    | 302-60      | 1    | Fitting-Grease |

● Not serviced separately



| <b>Ref.</b> | <b>Part Number</b> | <b>Qty.</b> | <b>Description</b> |
|-------------|--------------------|-------------|--------------------|
| 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        |

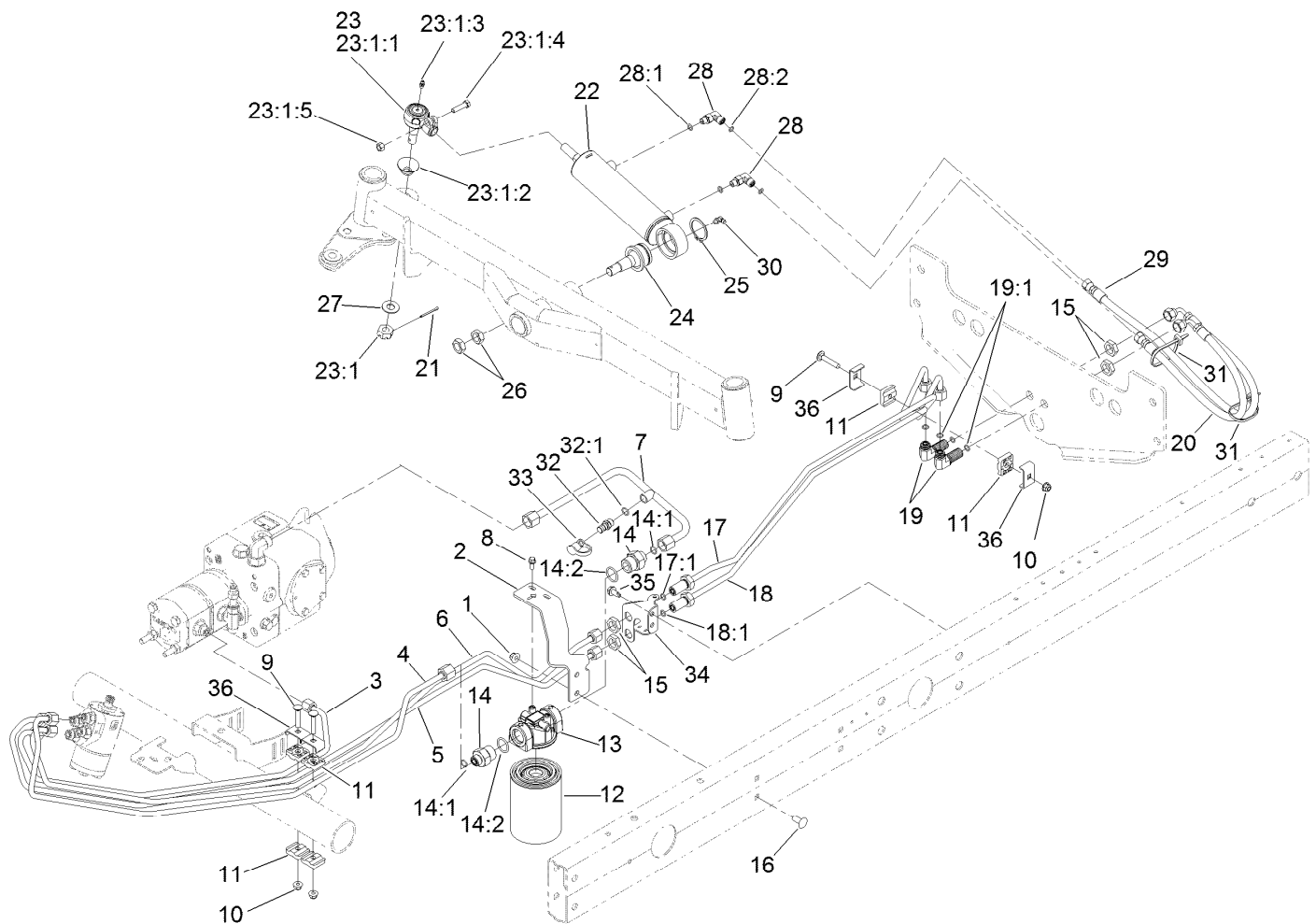
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## Rear Lift Hydraulic Assembly

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 138-6999    | 2    | HYD Cylinder ASM      |
| 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    | 127-2568-01 | 1    | Bracket-Bulkhead, RH  |
| 5    | 127-2567-01 | 1    | Bracket-Bulkhead, LH  |
| 6    | 340-70      | 2    | Nut-Lock              |
| 7    | 133-2987    | 1    | Tube-ASM              |
| 7:1  | 237-21      | 1    | O-Ring                |
| 8    | 133-2986    | 1    | Tube-ASM              |
| 8:1  | 237-21      | 1    | O-Ring                |
| 9    | 322-4       | 4    | Screw-HH              |
| 10   | 104-8300    | 5    | 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              |

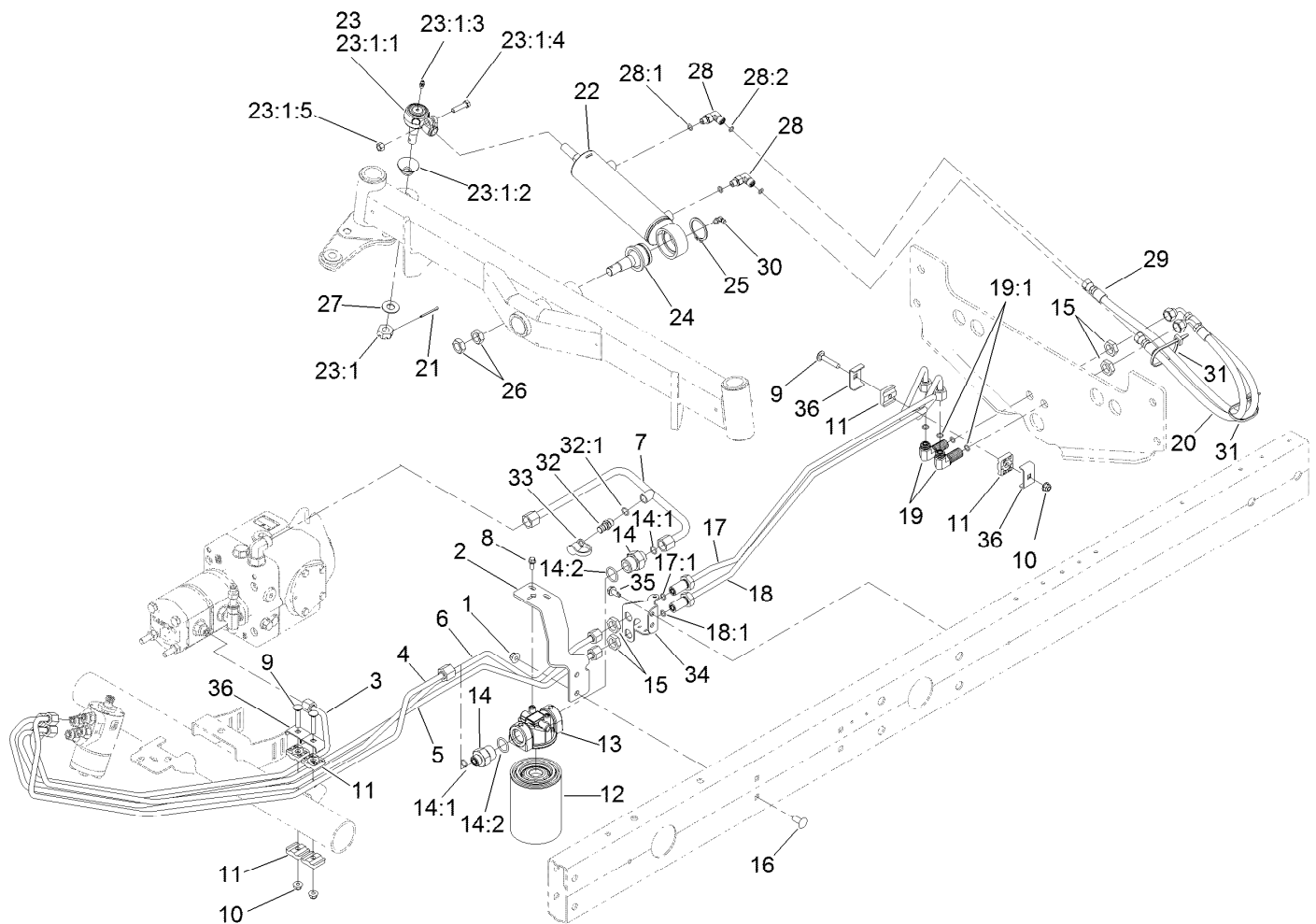
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 16   | 3234-38     | 2    | Screw-HHF           |
| 17   | 3256-6      | 2    | Washer-Flat         |
| 18   | 117-0148    | 2    | Pin-Cylinder        |
| 19   | 104-0046    | 2    | Pin-Slide, 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              |
| 23   | 323-9       | 2    | Screw-HH            |
| 24   | 3296-59     | 2    | Nut-Lock, NI        |
| 25   | 125-1489    | 1    | Tube ASM            |
| 25:1 | 237-21      | 1    | O-Ring              |
| 25:2 | 237-22      | 1    | O-Ring              |
| 26   | 125-1488    | 1    | Tube ASM            |
| 26:1 | 237-21      | 1    | O-Ring              |
| 26:2 | 237-22      | 1    | O-Ring              |
| 27   | 32144-57    | 2    | Screw               |
| 28   | 56-7973     | 6    | Clamp-Tube          |
| 29   | 3230-5      | 1    | Bolt-CARR           |
| 30   | 119-1418    | 4    | Plate-Clamp, Short  |



## Steering Hydraulic Assembly

| Ref. | Part Number | Qty. | Description         | Ref.   | Part Number | Qty. | Description              |
|------|-------------|------|---------------------|--------|-------------|------|--------------------------|
| 1    | 104-8301    | 2    | Nut-HF, NI          | 17     | 127-2337    | 1    | Tube ASM                 |
| 2    | 110-0906-01 | 1    | Support-Filter, Oil | 17:1   | 237-22      | 1    | O-Ring                   |
| 3    | 127-2500    | 1    | Tube-Assembly       | 18     | 127-2338    | 1    | Tube ASM                 |
| 4    | 108-1711    | 1    | Tube-HYD            | 18:1   | 237-22      | 1    | O-Ring                   |
| 5    | 127-2335    | 1    | Tube ASM            | 19     | 340-154     | 2    | Union-Bulkhead           |
| 6    | 127-2336    | 1    | Tube ASM            | 19:1   | 237-22      | 2    | O-Ring                   |
| 7    | 125-1437    | 1    | Tube ASM            | 20     | 110-0928    | 1    | Hose-HYD                 |
| 8    | 3234-33     | 2    | Screw-HHF           | 21     | 3272-12     | 1    | Pin-Cotter               |
| 9    | 3230-5      | 3    | Bolt-CARR           | 22     | 110-9035    | 1    | HYD Cylinder ASM         |
| 10   | 104-8300    | 3    | Nut-HF, NI          | 23     | 106-6895-03 | 1    | Ball Joint ASM           |
| 11   | 56-7973     | 6    | Clamp-Tube          | 23:1   |             | 1    | Joint-Ball ●             |
| 12   | 86-3010     | 1    | Filter-Oil          | 23:1:1 | 32136-13    | 1    | Nut-SHH                  |
| 13   | 117-5820    | 1    | Head-Filter         | 23:1:2 | 106-6896    | 1    | Seal                     |
| 14   | 100-4240    | 2    | Fitting-STR         | 23:1:3 | 302-5       | 1    | Fitting-Grease           |
| 14:1 | 237-30      | 1    | O-Ring              | 23:1:4 | 3210-7      | 1    | Screw-HH                 |
| 14:2 | 237-81      | 1    | O-Ring              | 23:1:5 | 32152-5     | 1    | Nut-Hex                  |
| 15   | 340-70      | 4    | Nut-Lock            | 24     | 106-6774    | 1    | Joint-Ball               |
| 16   | 3231-27     | 2    | Screw-CARR          | 25     | 32151-104   | 1    | Ring-Retaining, External |

● Not serviced separately

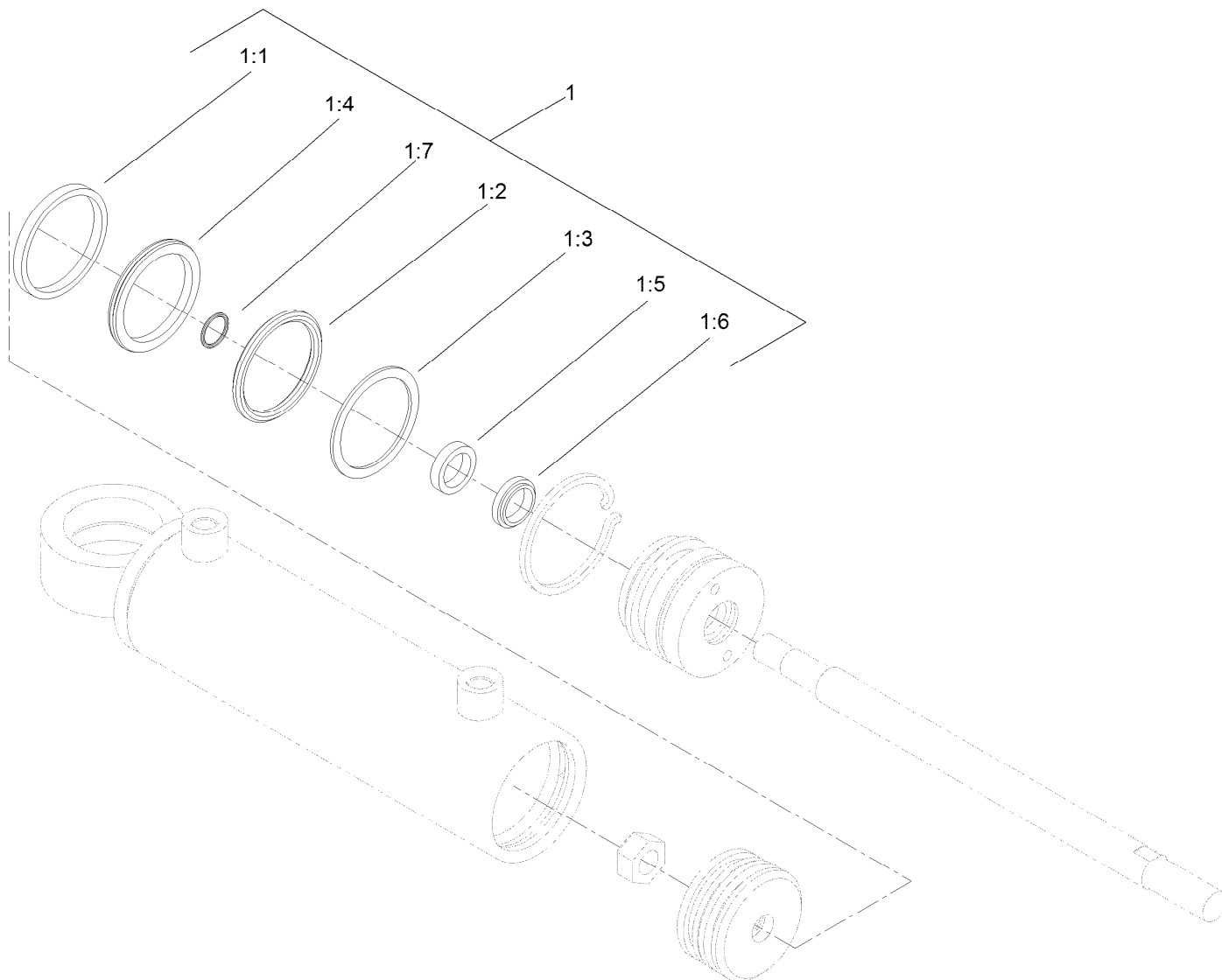


## Steering Hydraulic Assembly (continued)

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 26   | 3220-6      | 2    | Nut-Jam                |
| 27   | 69-8980     | 1    | Washer                 |
| 28   | 340-132     | 2    | Fitting-Elbow, 90 DEG  |
| 28:1 | 237-78      | 1    | O-Ring                 |
| 28:2 | 237-21      | 1    | O-Ring                 |
| 29   | 110-0973    | 1    | Hose-HYD               |
| 30   | 302-40      | 1    | Fitting-Grease, 90 DEG |

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 31   | 3290-378    | 2    | Tie-Cable               |
| 32   | 59-7410     | 1    | Fitting-Diagnostic      |
| 32:1 | 237-42      | 1    | O-Ring                  |
| 33   | 354-79      | 1    | Cap-Dust                |
| 34   | 127-2341-01 | 1    | Bracket-Bulkhead, Steer |
| 35   | 32104-32    | 2    | Screw-HWH               |
| 36   | 119-1418    | 4    | Plate-Clamp, Short      |

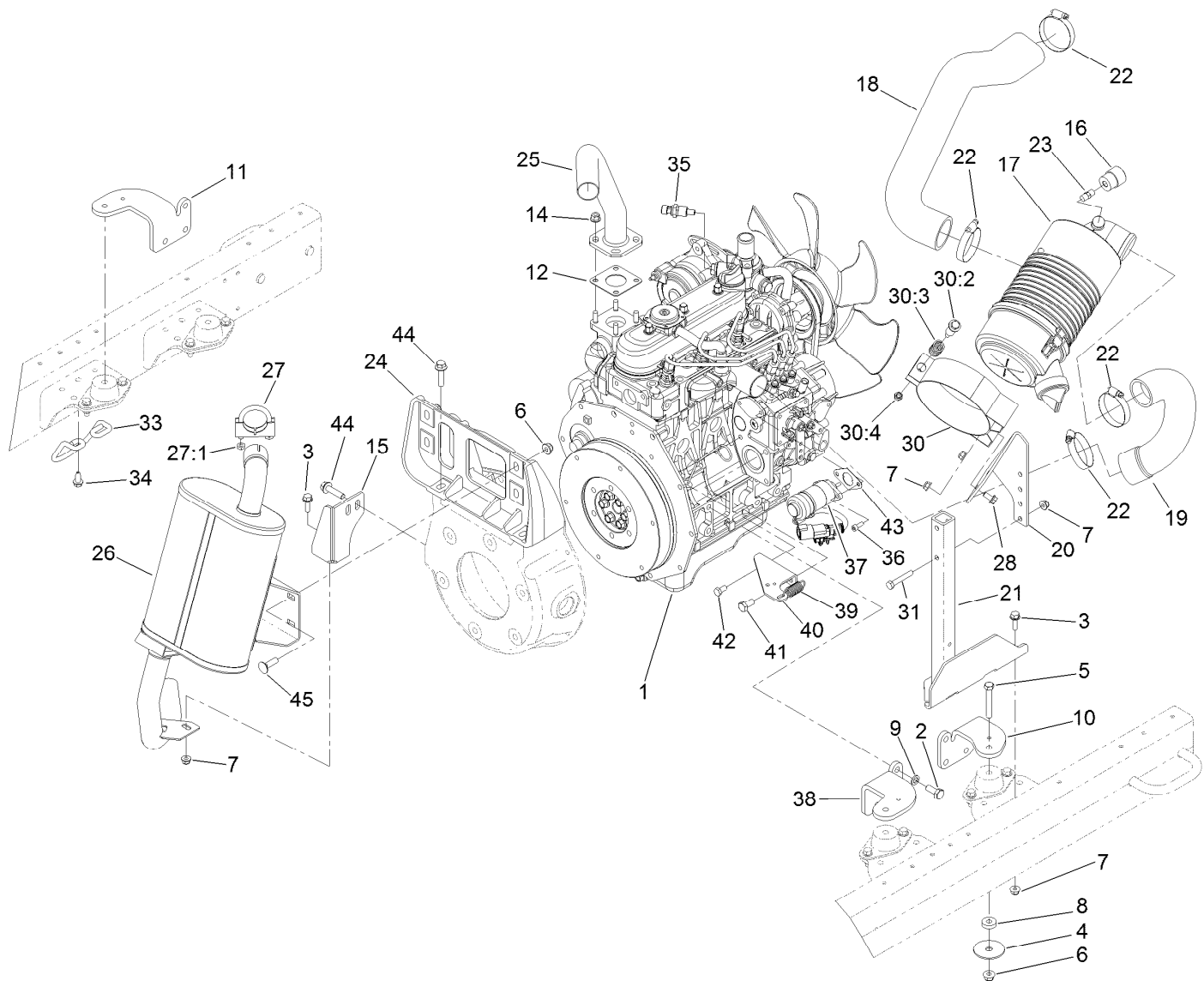
● Not serviced separately



## Hydraulic Cylinder Assembly No. 110-9035

| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------|
| 1    | 114-8875    | 1    | Seal Kit    |
| 1:1  |             | 1    | Wear Ring ● |
| 1:2  |             | 1    | O-Ring ●    |
| 1:3  |             | 1    | Backup ●    |
| 1:4  |             | 1    | Bp Seal ●   |
| 1:5  |             | 1    | Bs Seal ●   |
| 1:6  |             | 1    | Dust Seal ● |
| 1:7  |             | 1    | O-Ring ●    |

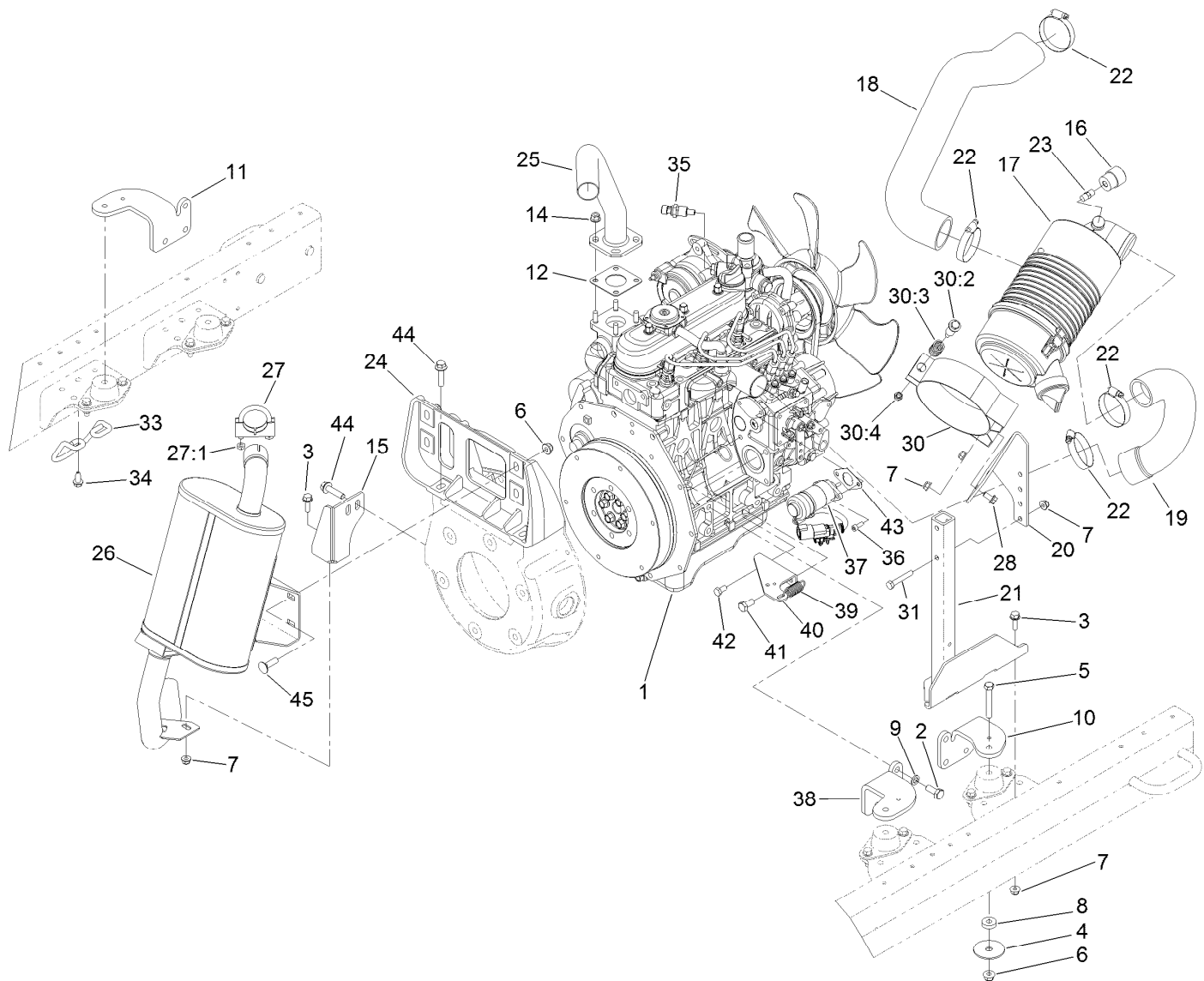
● Not serviced separately



## Engine, Air Cleaner and Muffler Assembly

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 138-6909    | 1    | Engine-Kubota, D1105 |
| 2    | 43-0090     | 12   | Screw-HH             |
| 3    | 3234-29     | 4    | Screw-HHF            |
| 4    | 87-5100     | 4    | Washer-Snubbing      |
| 5    | 323-12      | 4    | Screw-HH             |
| 6    | 104-8301    | 8    | Nut-HF, NI           |
| 7    | 104-8300    | 8    | Nut-HF, NI           |
| 8    | 62-6660     | 4    | Spacer               |
| 9    | 48-9590     | 12   | Washer-Lock          |
| 10   | 115-8066-03 | 2    | Mount-Engine         |
| 11   | 115-8063-03 | 1    | Mount-Engine, RH     |
| 12   | 99-8343     | 1    | Gasket-Muffler       |
| 14   | 104-2612    | 4    | Nut-HF               |
| 15   | 127-2428-03 | 1    | Tab-Tailpipe         |
| 16   | 93-9164     | 1    | Indicator-Mini       |
| 17   | 106-5277    | 1    | Air Cleaner ASM      |
| 18   | 127-2696    | 1    | Hose-Formed          |
| 19   | 117-5164    | 1    | Hose-Formed          |
| 20   | 127-2695-03 | 1    | Bracket-Air Cleaner  |
| 21   | 121-5610-03 | 1    | Stand-Air Cleaner    |
| 22   | 2412-130    | 4    | Clamp-Hose           |

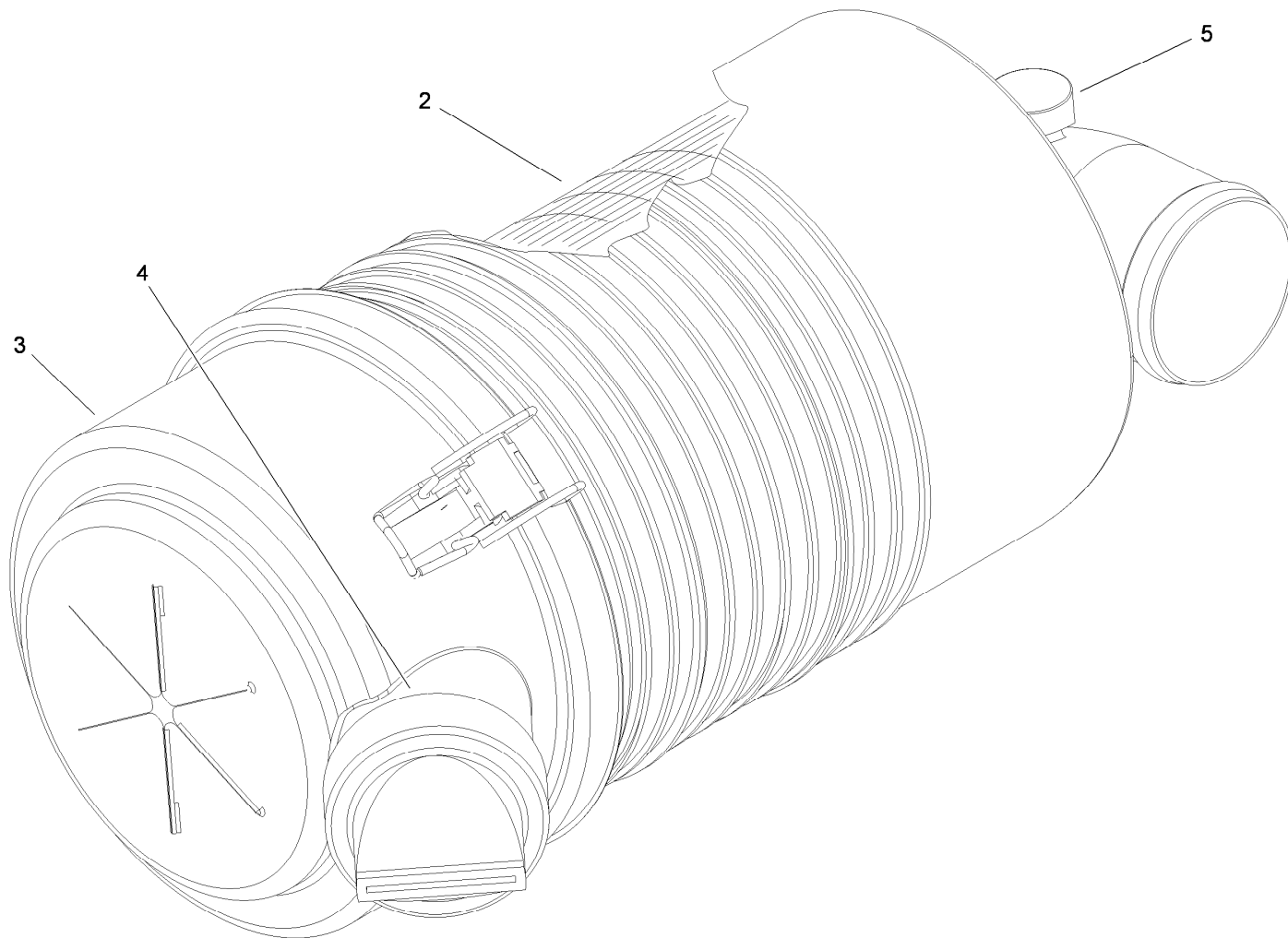
| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 23   | 94-1416     | 1    | Adapter-Indicator          |
| 24   | 127-2550    | 1    | Bracket-Muffler            |
| 25   | 127-2698    | 1    | Header-Exhaust             |
| 26   | 127-2503    | 1    | Muffler-Exhaust            |
| 27   | 2112-9      | 1    | Clamp                      |
| 27:1 | 32128-20    | 2    | Nut-HF                     |
| 28   | 3234-14     | 2    | Screw-HHF                  |
| 30   | 100-4825    | 1    | Band-Mounting, Air Cleaner |
| 30:2 | 94-3653     | 1    | Bolt                       |
| 30:3 | 94-3654     | 1    | Spring                     |
| 30:4 | 48-9510     | 1    | Nut                        |
| 31   | 322-10      | 2    | Screw-HH                   |
| 33   | 127-2612    | 1    | Guard-Pipe, Tail           |
| 34   | 32104-32    | 2    | Screw-HWH                  |
| 35   | 119-4478    | 1    | Sender-Temperature         |
| 36   | 105-2409    | 2    | Screw-HSH                  |
| 37   | 125-1562    | 1    | Actuator-Fuel              |
| 38   | 115-8068-03 | 1    | Mount-Engine LH            |
| 39   | 107-1045    | 1    | Spring-Extension           |
| 40   | 125-1472-03 | 1    | Brkt-Spring, Throttle      |
| 41   | 63-7790     | 1    | Screw-Cap                  |



## Engine, Air Cleaner and Muffler Assembly (continued)

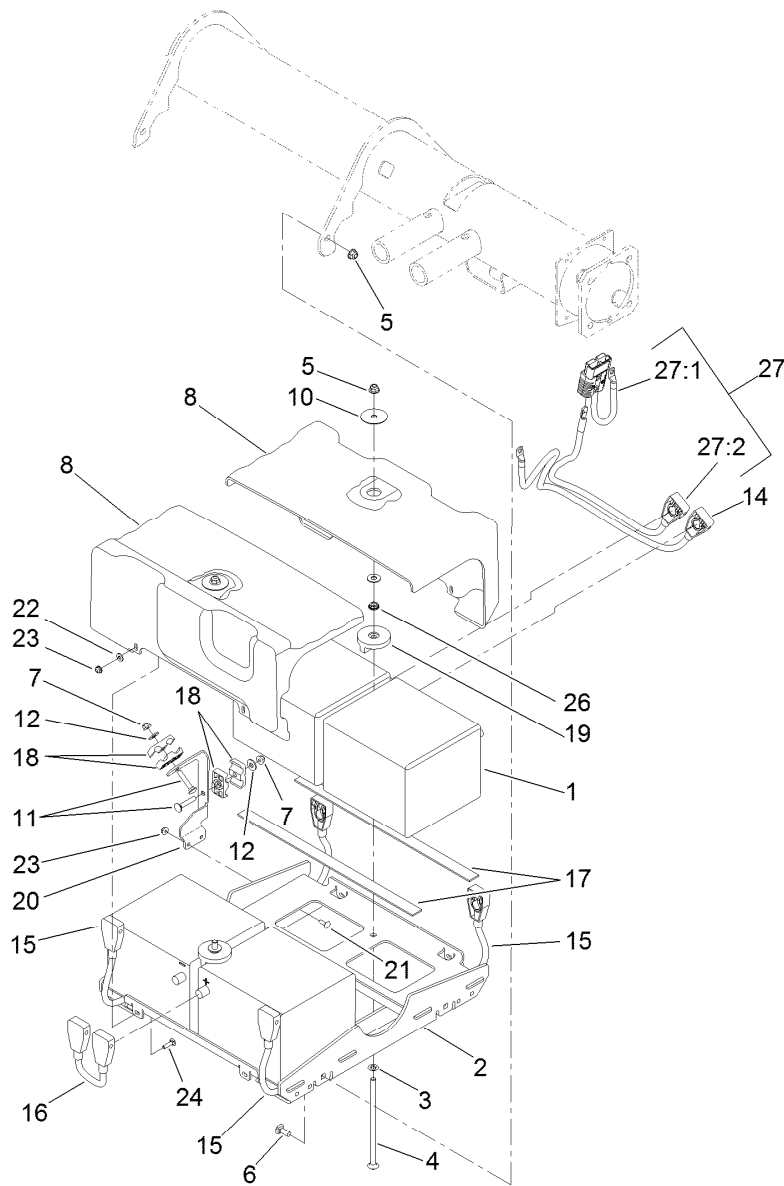
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 42   | 33114-016   | 1    | Screw-HH              |
| 43   | 127-2507    | 1    | Gasket-Actuator, Fuel |

| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------|
| 44   | 114-4681    | 6    | Screw-HHF   |
| 45   | 3231-25     | 4    | Bolt-CARR   |



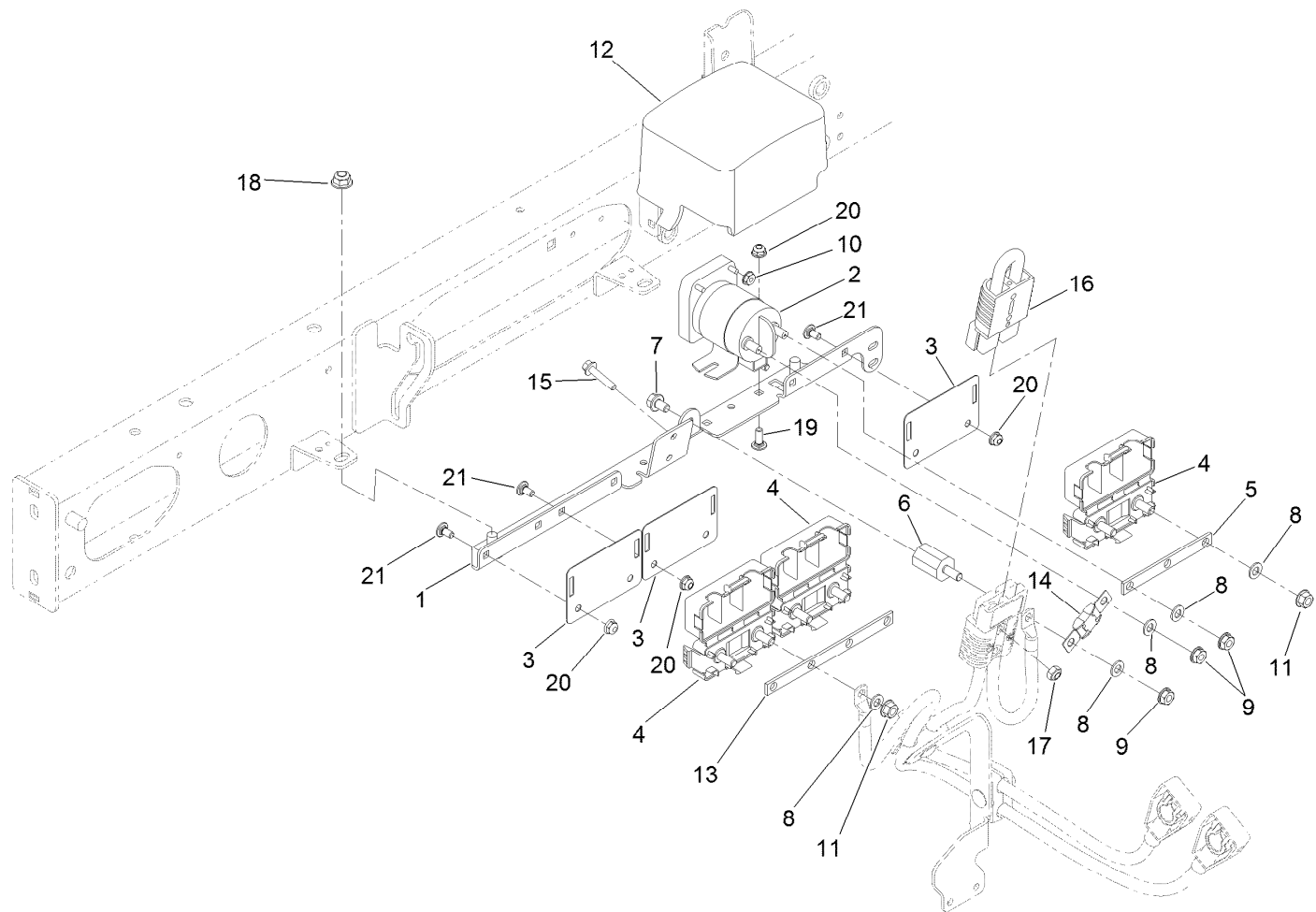
## Air Cleaner Assembly No. 106-5277

| <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          |



## 48 Volt Battery Assembly

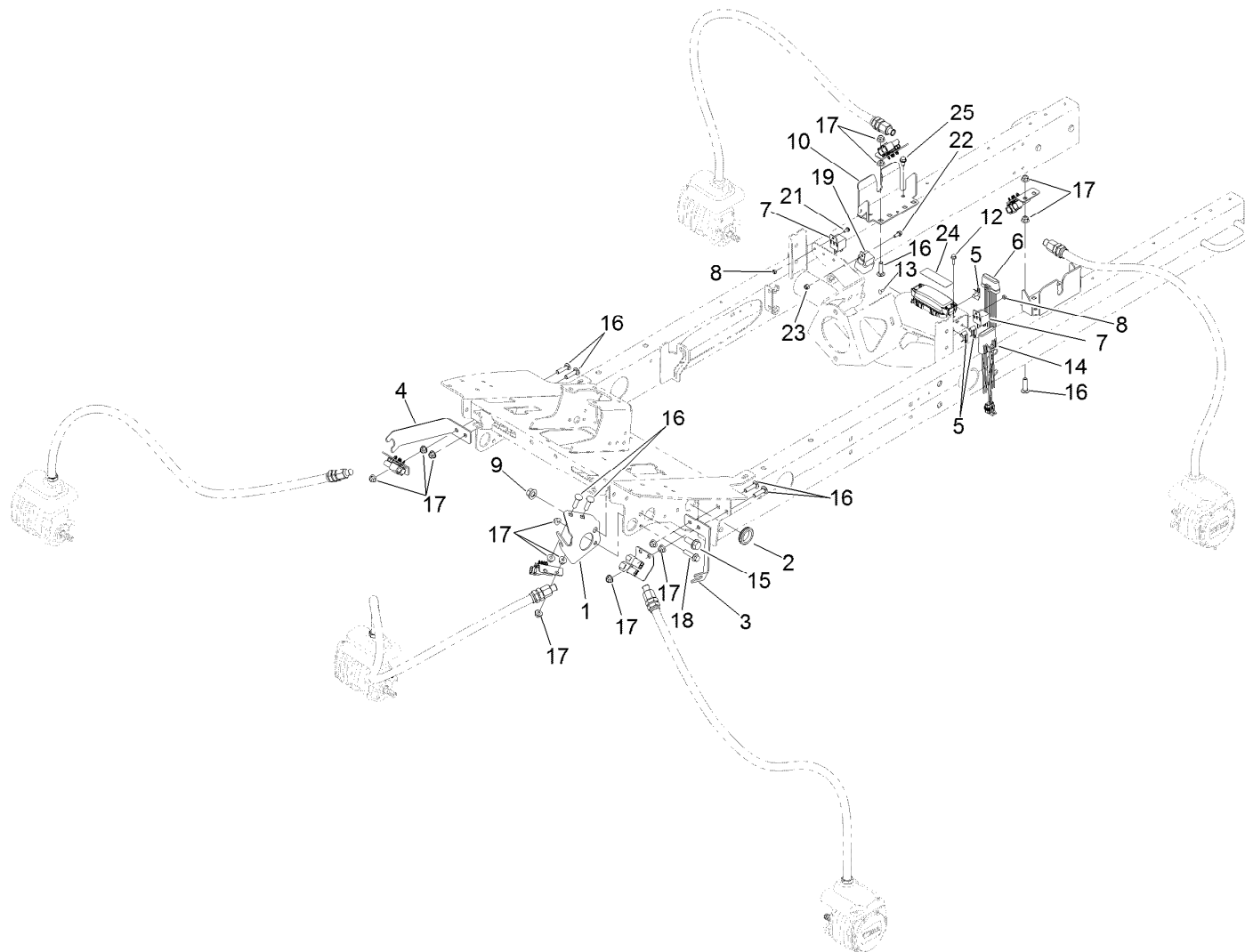
| Ref. | Part Number | Qty. | Description                | Ref. | Part Number | Qty. | Description                     |
|------|-------------|------|----------------------------|------|-------------|------|---------------------------------|
| 1    | 121-7185    | 4    | Battery-Wet                | 16   | 122-0134    | 1    | Jumper-Cable-Battery (Positive) |
| 2    | 127-2413-01 | 1    | Tray                       | 17   | 127-2306    | 4    | Strip-Foam                      |
| 3    | 107-3154    | 2    | Nut-Push                   | 18   | 56-7971     | 4    | Clamp-Tube                      |
| 4    | 120-4743    | 2    | Screw-CARR                 | 19   | 127-2393    | 2    | Hold Down-Battery               |
| 5    | 104-8301    | 6    | Nut-HF, NI                 | 20   | 127-2517-01 | 1    | Bracket-Cable                   |
| 6    | 3231-2      | 4    | Bolt-CARR                  | 21   | 3229-1      | 2    | Screw-CARR                      |
| 7    | 104-8300    | 2    | Nut-HF, NI                 | 22   | 3256-78     | 4    | Washer-Flat                     |
| 8    | 127-2560    | 2    | Cover-Battery              | 23   | 104-7201    | 6    | Nut-HF, NI                      |
| 10   | 120-2229    | 2    | Washer                     | 24   | 3229-2      | 4    | Screw-CARR                      |
| 11   | 3230-5      | 2    | Bolt-CARR                  | 26   | 3217-7      | 2    | Nut-Hex                         |
| 12   | 3256-3      | 2    | Washer-Flat                | 27   | 122-0449    | 1    | Cable-Battery                   |
| 14   | 122-0268    | 1    | Negative Battery Cable ASM | 27:1 | 122-0267    | 1    | Positive Battery Cable ASM      |
| 15   | 122-0133    | 2    | Positive Battery Cable ASM | 27:2 | 122-0319    | 1    | Positive Battery Cable ASM      |



## 48 Volt Contactor Assembly

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 127-2643    | 1    | Bracket             |
| 2    | 104-7136    | 1    | Contactor-Trombetta |
| 3    | 127-2325    | 3    | Bracket-Fuse        |
| 4    | 114-3318    | 3    | Holder-Fuse, Mega   |
| 5    | 127-2319    | 1    | Strap-Jumper        |
| 6    | 107-0286    | 1    | Isolator            |
| 7    | 100-1719    | 1    | Screw-Flange        |
| 8    | 107-0394    | 9    | Washer-Flat         |
| 9    | 107-0380    | 3    | Nut-HHF             |
| 10   | 32149-8     | 2    | Nut-Keps            |
| 11   | 127-2371    | 6    | Nut-HF              |

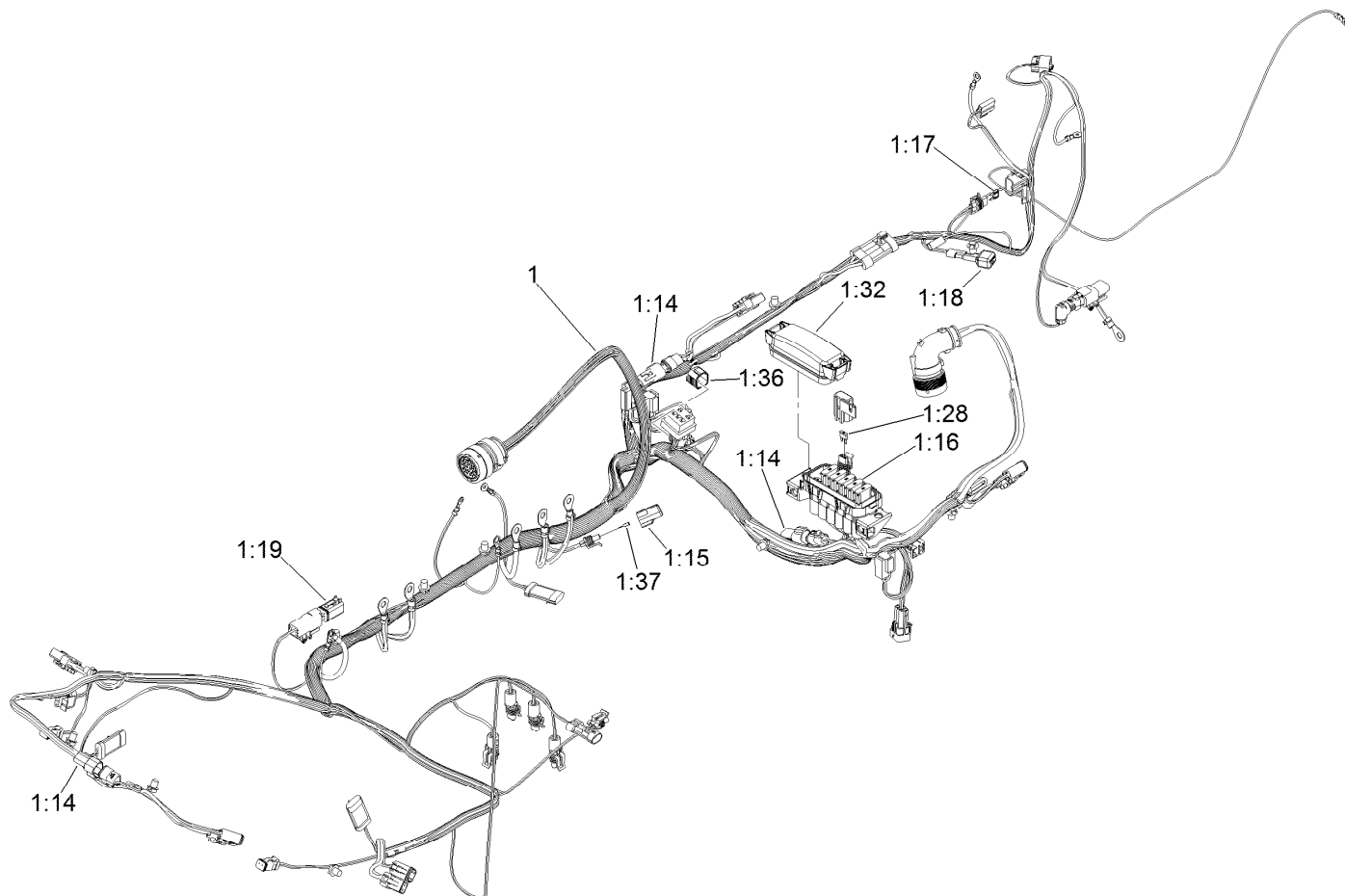
| Ref. | Part Number | Qty. | Description                        |
|------|-------------|------|------------------------------------|
| 12   | 127-2327    | 1    | Cover-Electrical                   |
| 13   | 127-2372    | 1    | Strap-Jumper                       |
| 14   | 127-2305    | 1    | Fuse-250 Amp                       |
| 15   | 127-8639    | 2    | Screw-HHF                          |
| 16   | 122-0136    | 1    | Cable-Battery, Positive Jumper ASM |
| 17   | 3296-16     | 2    | Nut-Lock, NI                       |
| 18   | 104-8301    | 2    | Nut-HF, NI                         |
| 19   | 1-807512    | 2    | Bolt-CARR                          |
| 20   | 104-7201    | 8    | Nut-HF, NI                         |
| 21   | 3229-10     | 6    | Screw-CARR                         |



## Reel Motor Plumbing Assembly

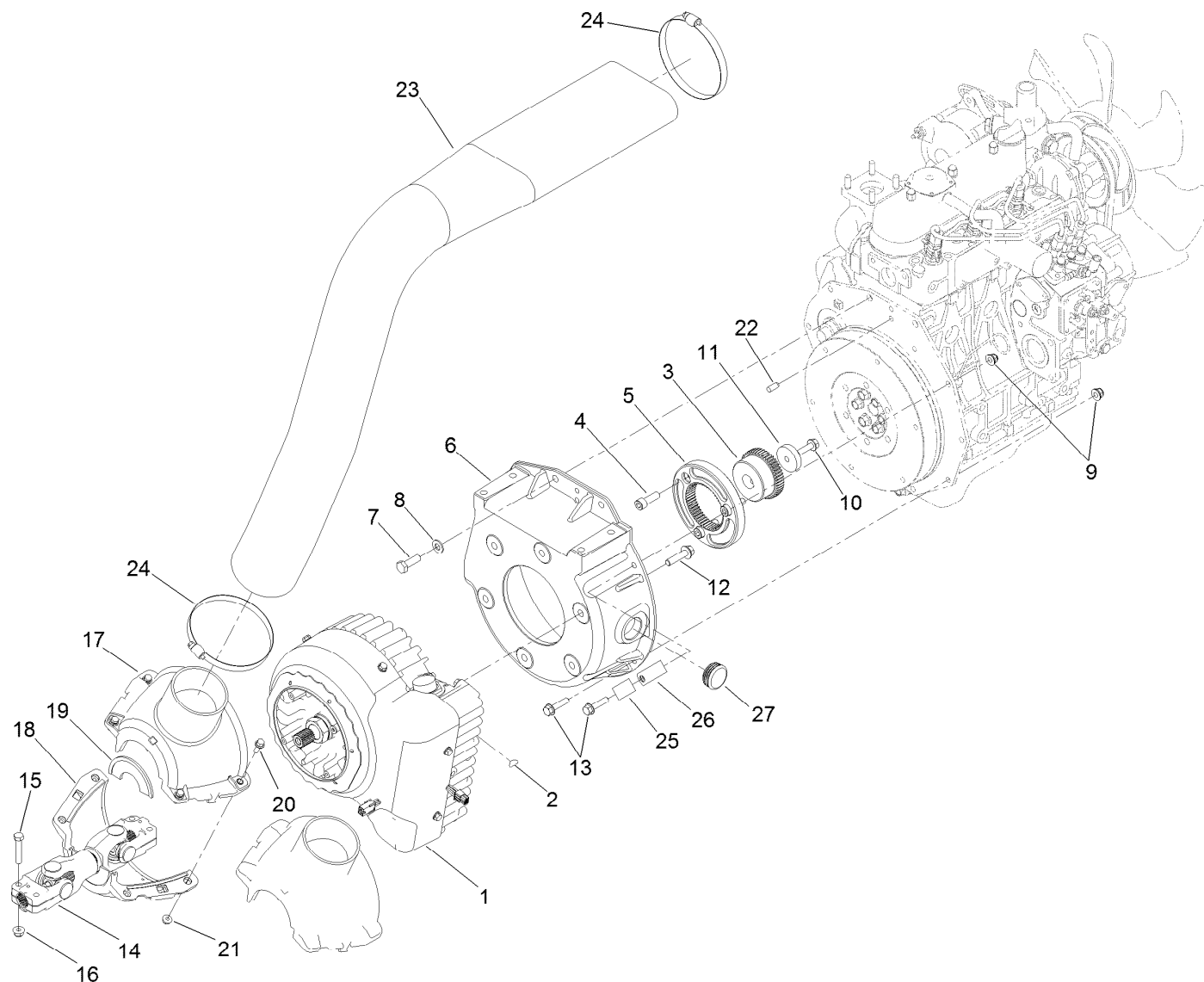
| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 1    | 125-1460-01 | 1    | Bracket-Bulkhead, Center |
| 2    | 240-3       | 2    | Grommet-Rubber           |
| 3    | 127-2314-01 | 1    | Bracket-Bulkhead         |
| 4    | 127-2317-01 | 1    | Bracket-Bulkhead         |
| 5    | 32180-011   | 3    | Clip-Connector           |
| 6    | 112-9630    | 1    | Module-Reel, I.D.        |
| 7    | 99-7435     | 3    | Relay                    |
| 8    | 3296-2      | 3    | Nut-Lock, NI             |
| 9    | 99-5107     | 1    | Nut-Lock                 |
| 10   | 125-1458-03 | 2    | Bracket-Bulkhead, Rear   |
| 12   | 33103-020   | 2    | Screw-HHF                |
| 13   | 104-1450    | 1    | Bolt-CARR                |

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 14   | 119-4330    | 1    | Isolated Can Module ASM |
| 15   | 3234-38     | 1    | Screw-HHF               |
| 16   | 127-2351    | 10   | Screw-CARR              |
| 17   | 104-8301    | 16   | Nut-HF, NI              |
| 18   | 114-4681    | 1    | Screw-HHF               |
| 19   | 99-7430     | 1    | Relay-Mini              |
| 21   | 3290-321    | 2    | Screw-HWH               |
| 22   | 3234-33     | 1    | Screw-HHF               |
| 23   | 3296-42     | 1    | Nut-Lock, NI            |
| 24   | 127-2470    | 1    | Decal-Fuses, Cu         |
| 25   | 32104-32    | 4    | Screw-HWH               |



## Wire Harness Assembly

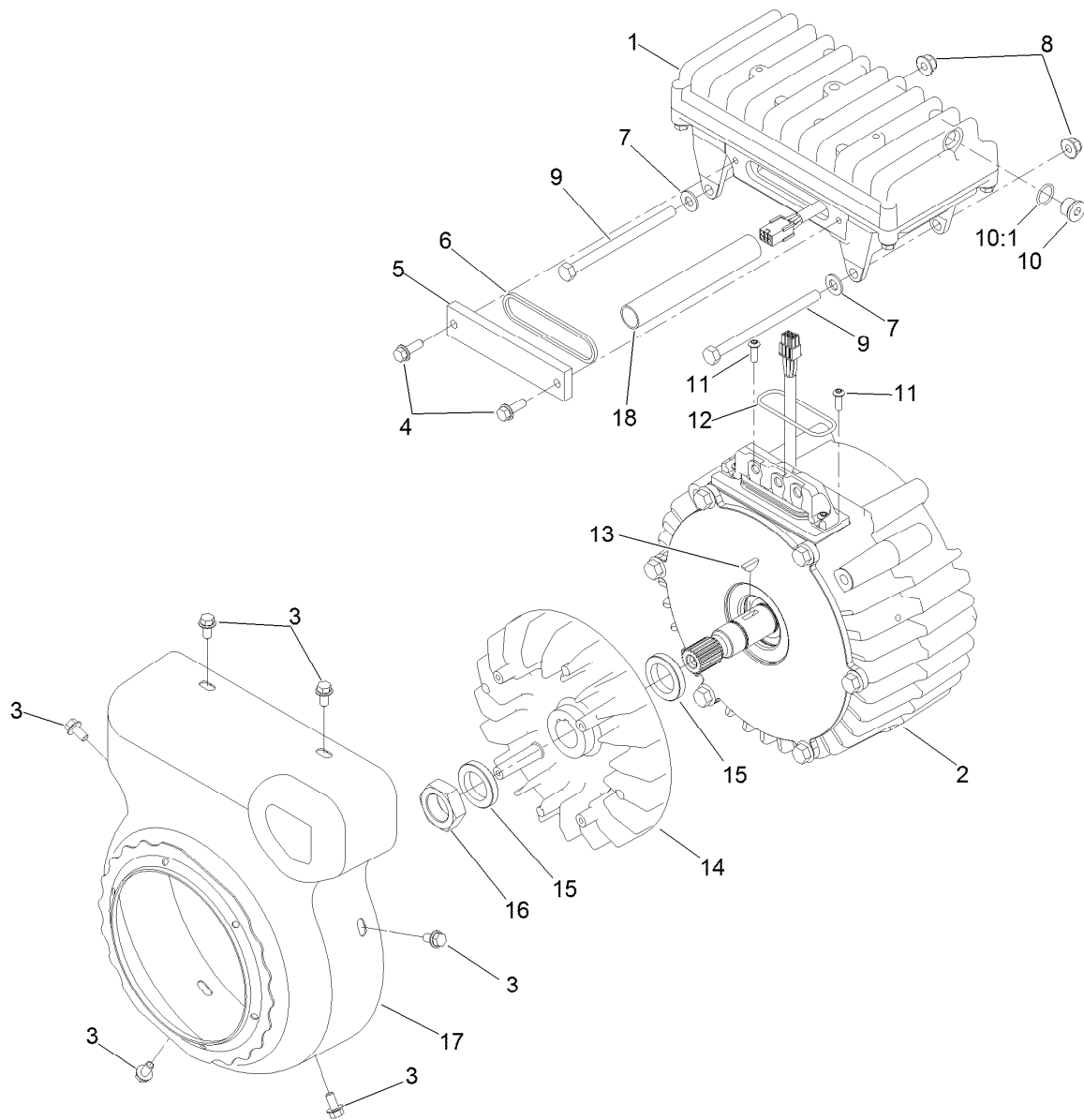
| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 1    | 122-1728    | 1    | Harness-Wire, Rm5010-H Main |
| 1:14 | 32180-043   | 3    | Resistor-120 Ohm            |
| 1:15 | 32180-101   | 3    | Cover-Fuse, Single          |
| 1:16 | 122-0255    | 5    | Fuse-Maxi, 35 Amp-58V       |
| 1:17 | 121-8861    | 1    | Fuse-Mini Blade, 2 Amp      |
| 1:18 | 100-4918    | 1    | Diode                       |
| 1:19 | 119-7781    | 1    | Diode-Sealed                |
| 1:28 | 122-0409    | 1    | Fuse-Mini Blade, 10 Amp     |
| 1:32 | 32180-146   | 1    | Cover-Fuse                  |
| 1:36 | 32180-156   | 1    | Cap-Plug, 6 Way             |
| 1:37 | 121-8866    | 1    | Fuse-Mini Blade, 10 Amp     |



## Generator Assembly

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 1    | 127-2655    | 1    | Generator/Controller ASM |
| 2    | 127-2318    | 1    | Key-Woodruff             |
| 3    | 127-2635    | 1    | Hub-Coupler              |
| 4    | 108-1420    | 3    | Screw-HSH                |
| 5    | 125-1179    | 1    | Flange-Coupler           |
| 6    | 127-2380    | 1    | Bellhousing              |
| 7    | 95-8812     | 2    | Screw-HH                 |
| 8    | 3256-80     | 2    | Washer-Plain             |
| 9    | 104-3082    | 2    | Nut-Lock, HHF            |
| 10   | AU100874    | 1    | Screw-HHF                |
| 11   | 127-2374    | 1    | Collar                   |
| 12   | 114-4681    | 6    | Screw-HHF                |
| 13   | 33104-035   | 7    | Screw-HHF                |
| 14   | 125-1191    | 1    | Driveshaft ASM           |

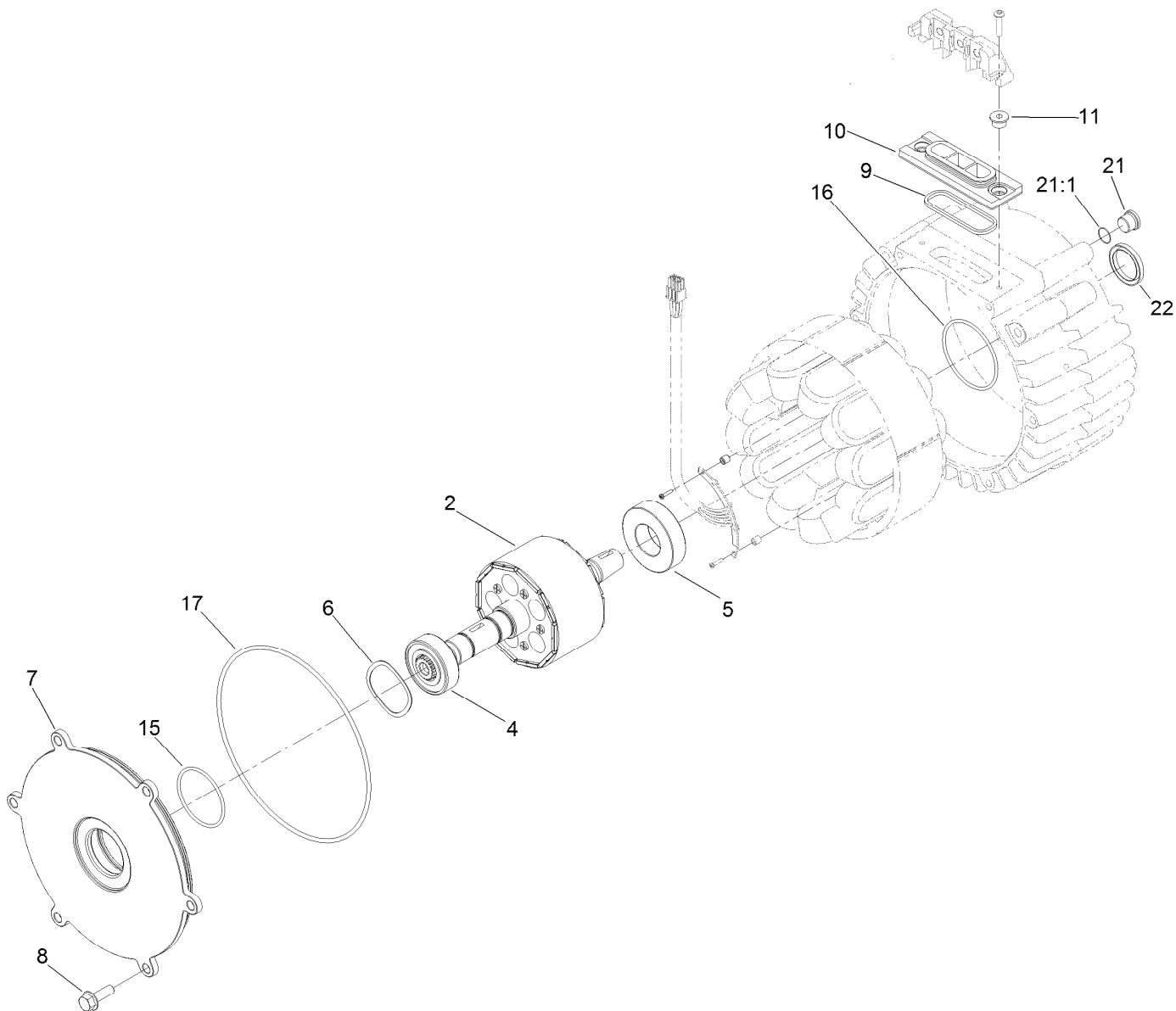
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 15   | 322-9       | 4    | Screw-HH              |
| 16   | 104-8300    | 4    | Nut-HF, NI            |
| 17   | 127-2465    | 1    | Shroud ASM            |
| 18   | 127-2442    | 1    | Shroud-Intake, Bottom |
| 19   | 127-2434    | 2    | Seal-Brush            |
| 20   | 120-9678    | 4    | Screw-HHF             |
| 21   | 104-7201    | 4    | Nut-HF, NI            |
| 22   | 87-1910     | 2    | Pin-Dowel             |
| 23   | 127-2472    | 1    | Hose-Formed           |
| 24   | 2412-46     | 2    | Clamp                 |
| 25   | 2412-39     | 1    | Clamp-R               |
| 26   | 2412-41     | 1    | Clamp-R               |
| 27   | 110-9012    | 1    | Caplug                |



## Generator/Controller Assembly No. 127-2655

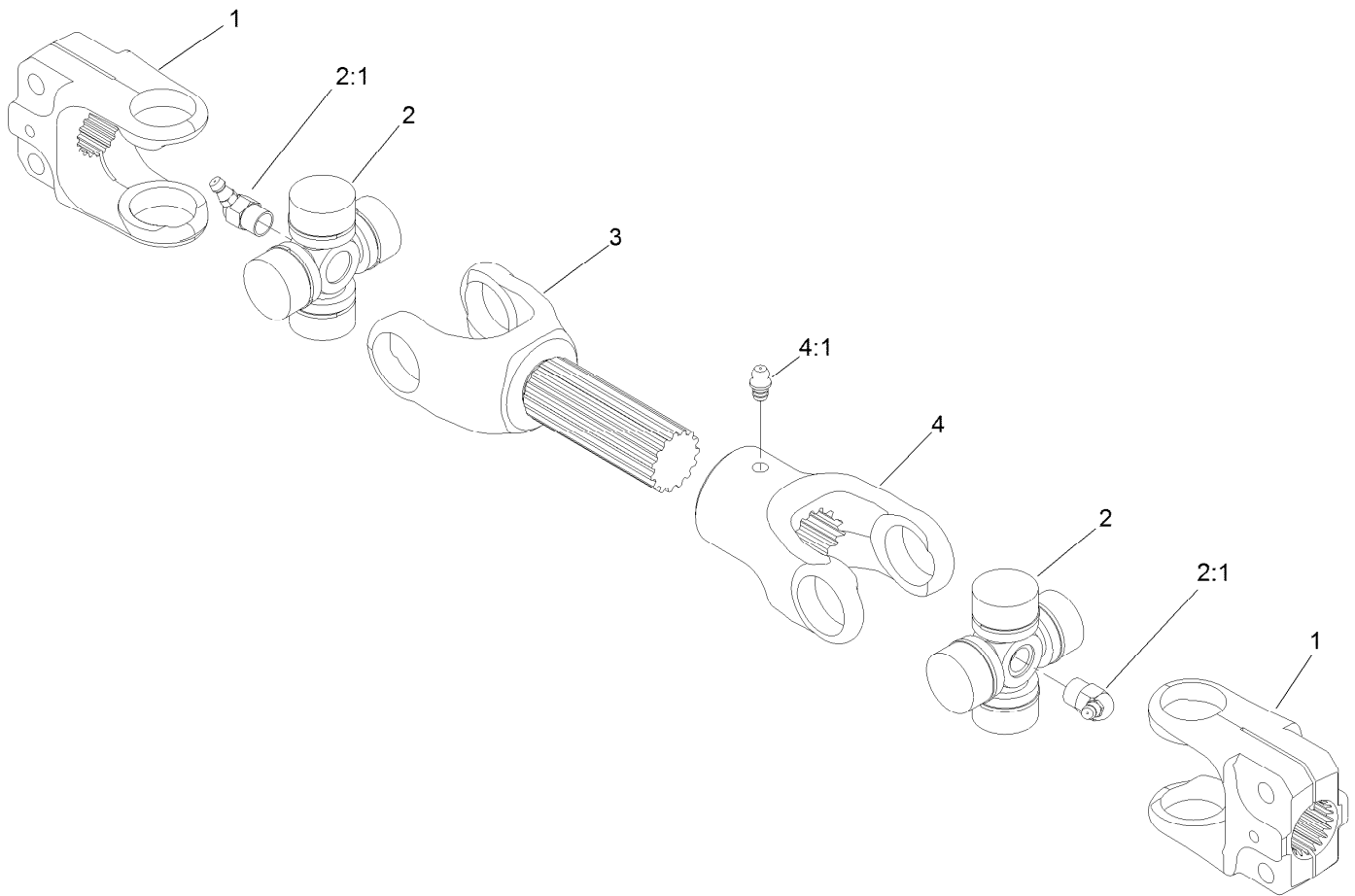
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 117-8181    | 1    | Controller ASM        |
| 2    | 127-2653    | 1    | Generator Service ASM |
| 3    | 119-1065    | 6    | Screw-HWH             |
| 4    | 119-1138    | 2    | Screw-HHF             |
| 5    | 120-4511    | 1    | Cover-Access          |
| 6    | 120-4513    | 1    | Gasket-Cover, Access  |
| 7    | 3256-23     | 2    | Washer-Plain          |
| 8    | 104-8300    | 2    | Nut-HF, NI            |
| 9    | 322-38      | 2    | Screw-HH              |
| 10   | 353-989     | 1    | Plug-Hex, Hollow      |

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 10:1 | 237-42      | 1    | O-Ring                     |
| 11   | 119-7568    | 2    | Screw-HSBH                 |
| 12   | 117-8176    | 1    | O-Ring                     |
| 13   | 127-2318    | 1    | Key-Woodruff               |
| 14   | 125-1188    | 1    | Fan-Generator              |
| 15   | 125-1185    | 2    | Spacer                     |
| 16   | 125-1187    | 1    | Nut                        |
| 17   | 127-2444    | 1    | Cover-Generator            |
| 18   | 127-2747    | 1    | Sleeve-Harness, Expandable |



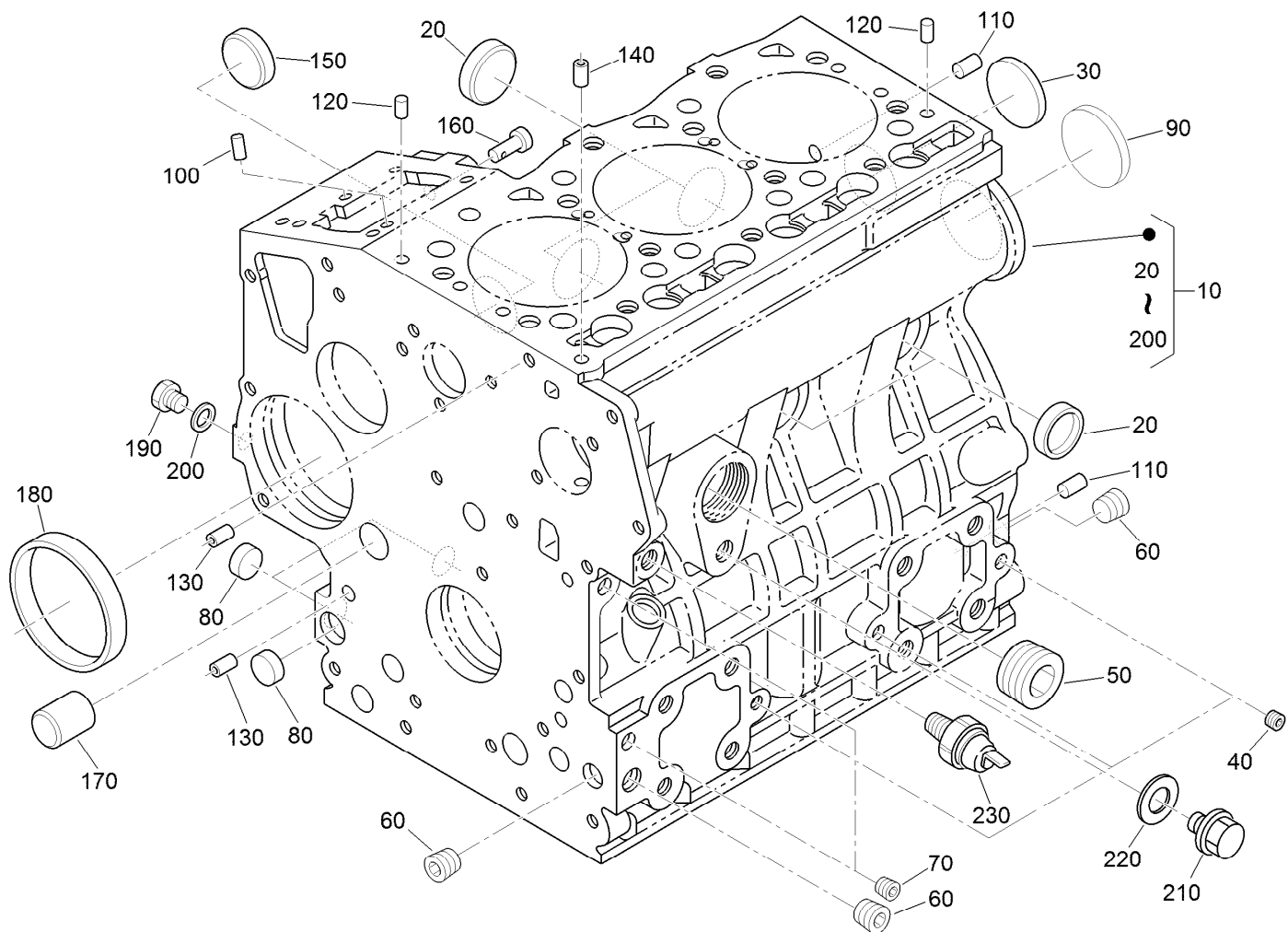
## Generator Assembly No. 127-2653

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 2    | 127-2651    | 1    | Rotor            |
| 4    | 120-4621    | 1    | Bearing          |
| 5    | 120-4622    | 1    | Bearing          |
| 6    | 117-8148    | 1    | Washer-Wave      |
| 7    | 117-4514    | 1    | Cover-Generator  |
| 8    | 33104-025   | 6    | Screw-HHF        |
| 9    | 120-4518    | 1    | Gasket-Isolator  |
| 10   | 112-5155    | 1    | Isolator-Thermal |
| 11   | 117-4501    | 2    | Spacer-Shoulder  |
| 15   | 107-3244    | 1    | O-Ring           |
| 16   | 117-8177    | 1    | O-Ring           |
| 17   | 112-5199    | 1    | O-Ring           |
| 21   | 353-989     | 1    | Plug-Hex, Hollow |
| 21:1 | 237-42      | 1    | O-Ring           |
| 22   | 125-1509    | 1    | Seal             |



## Drive Shaft Assembly No. 125-1191

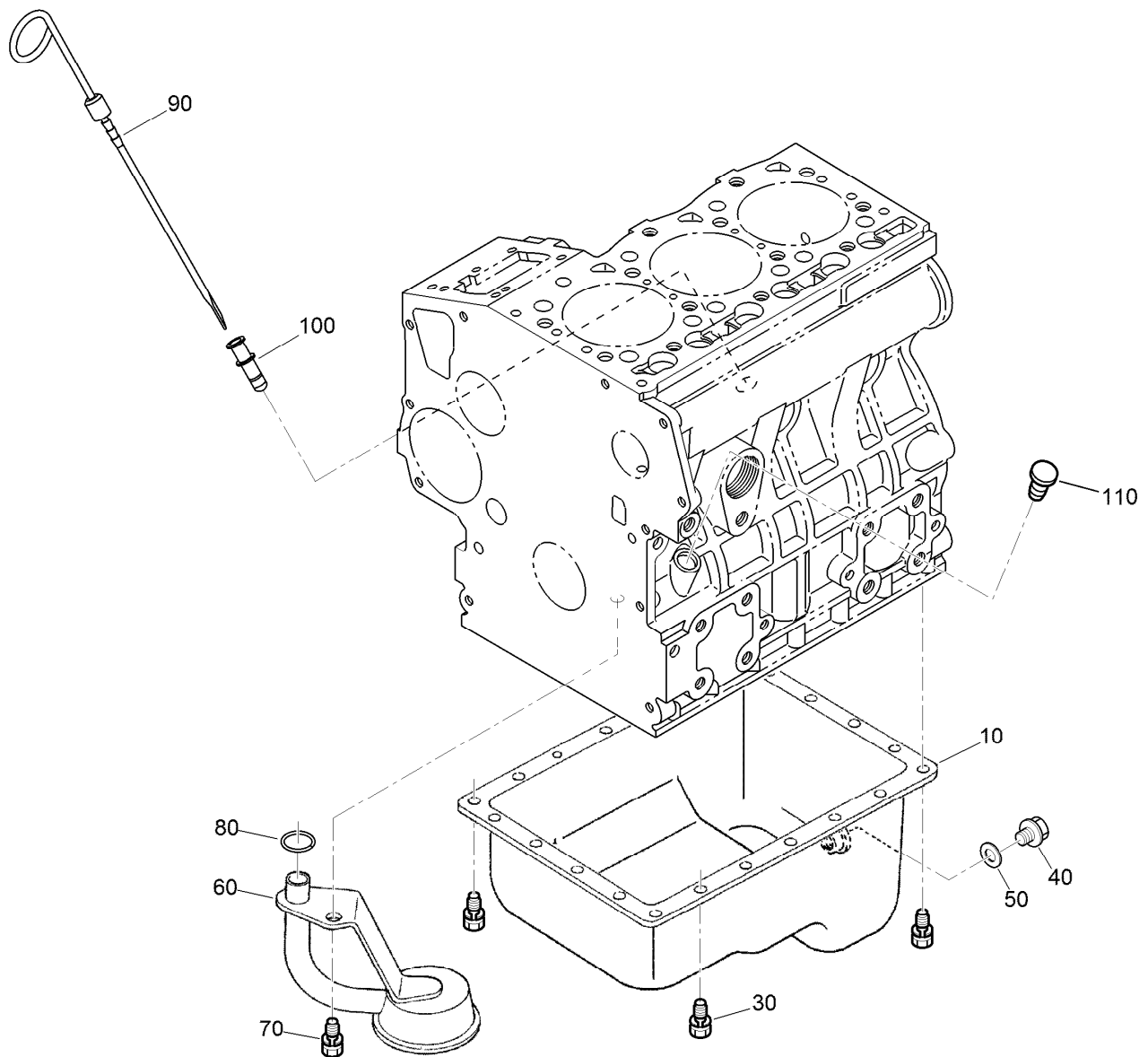
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 54-9040     | 2    | Yoke-End              |
| 2    | 112-1687    | 2    | Cross And Bearing Kit |
| 2:1  | 62-3820     | 1    | Fitting-Grease        |
| 3    | 127-2553    | 1    | Yoke-Shaft            |
| 4    | 127-2554    | 1    | Yoke-Telescoping      |
| 4:1  | 302-22      | 1    | Fitting-Grease        |



## Crankcase Assembly

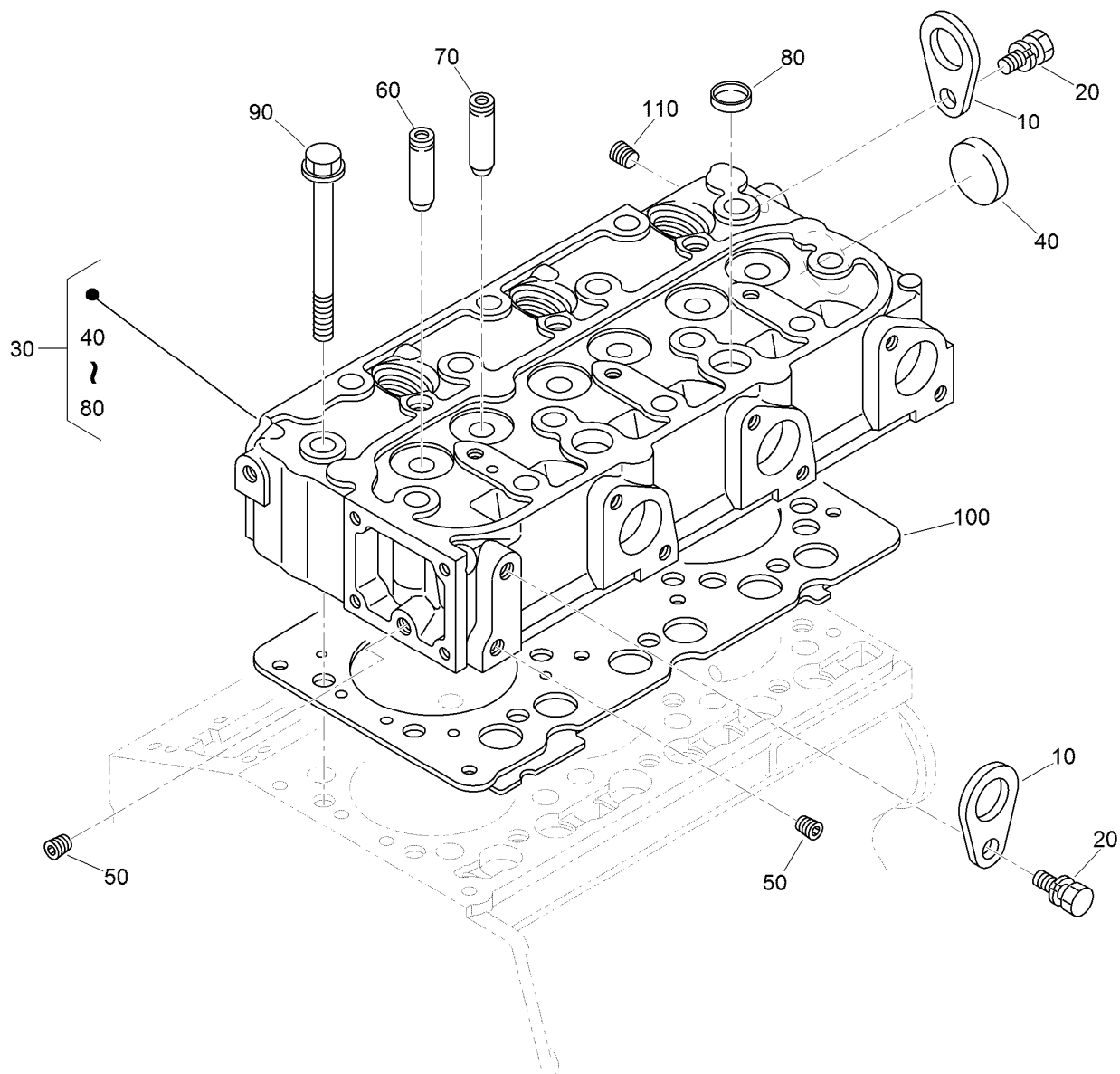
| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 10   | 115-3443    | 1    | Crankcase ASM  |
| 20   | 98-9398     | 4    | Cap-Sealing    |
| 30   | 98-7539     | 1    | Cap-Sealing    |
| 40   | 98-9687     | 3    | Plug           |
| 50   | 105-3779    | 1    | Plug           |
| 60   | 98-9597     | 3    | Plug           |
| 70   | 98-7487     | 2    | Plug           |
| 80   | 98-9379     | 3    | Plug-Expansion |
| 90   | 98-9668     | 1    | Plug-Expansion |
| 100  | 98-9375     | 2    | Pin-Straight   |
| 110  | 98-9377     | 2    | Pin-Straight   |
| 120  | 98-9376     | 2    | Pin-Straight   |

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 130  | 98-9387     | 2    | Pin-Pipe               |
| 140  | 98-9539     | 1    | Pin-Pipe               |
| 150  | 98-9599     | 1    | Plug                   |
| 160  | 98-9630     | 1    | Pin-Spring, Start      |
| 170  | 98-9675     | 1    | Plug                   |
| 180  | 98-9656     | 1    | Bushing-Governor, Gear |
| 190  | 120-2559    | 1    | Plug                   |
| 200  | 98-7428     | 1    | Gasket                 |
| 210  | 99-3447     | 1    | Plug                   |
| 220  | 106-7056    | 1    | Gasket                 |
| 230  | 98-9416     | 1    | Switch-Oil             |



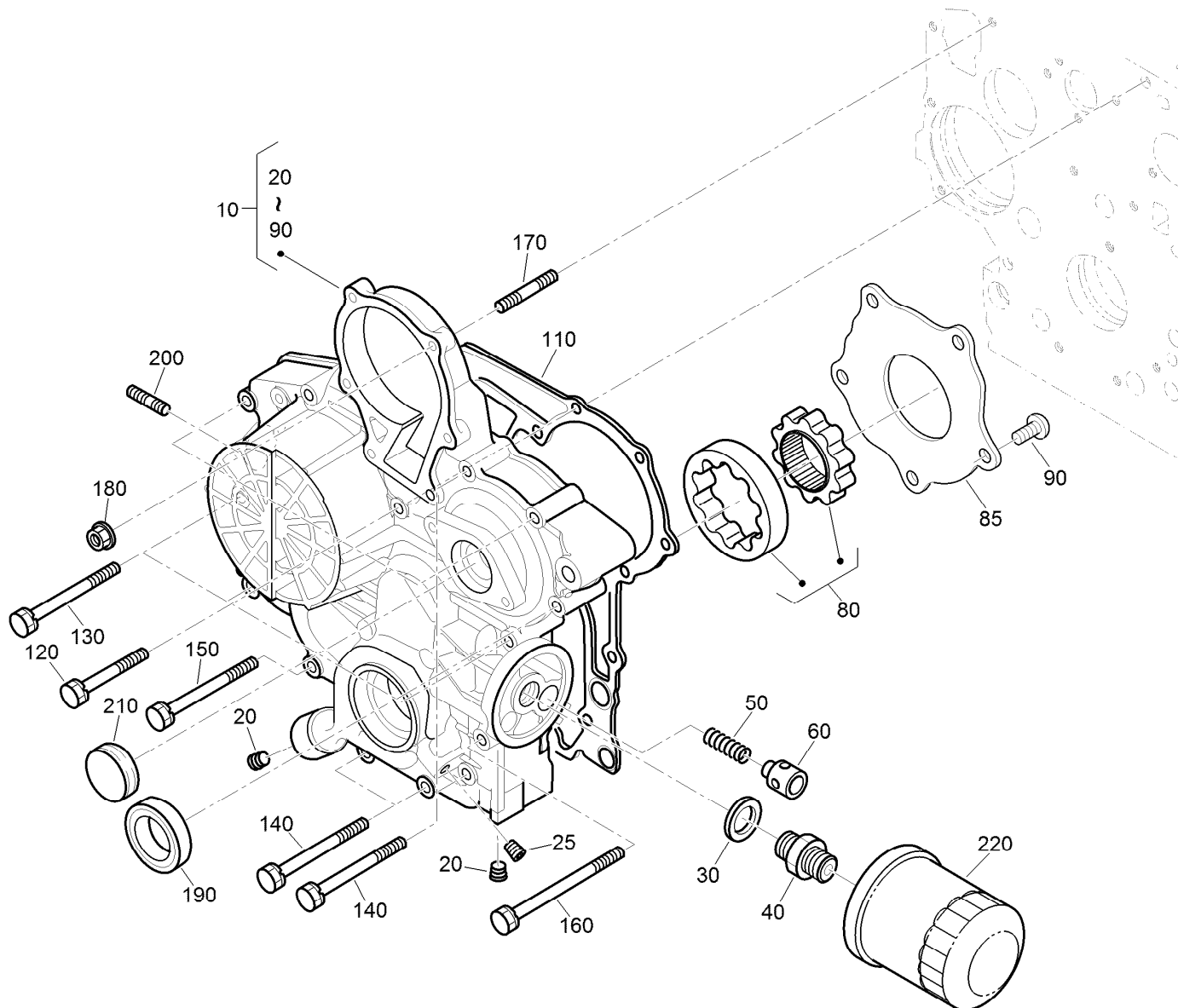
## Oil Pan and Dipstick Assembly

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 10   | 112-0179    | 1    | Pan-Oil          |
| 30   | 98-9351     | 22   | Bolt             |
| 40   | 114-8151    | 1    | Plug-Drain       |
| 50   | 98-7524     | 1    | Gasket           |
| 60   | 108-1401    | 1    | Base-Filter      |
| 70   | 98-7526     | 1    | Bolt             |
| 80   | 105-3776    | 1    | O-Ring           |
| 90   | 104-9348    | 1    | Gauge-Oil        |
| 100  | 105-4580    | 1    | Guide-Gauge, Oil |
| 110  | 110-3720    | 1    | Plug-Gauge, Oil  |



## Cylinder Head Assembly

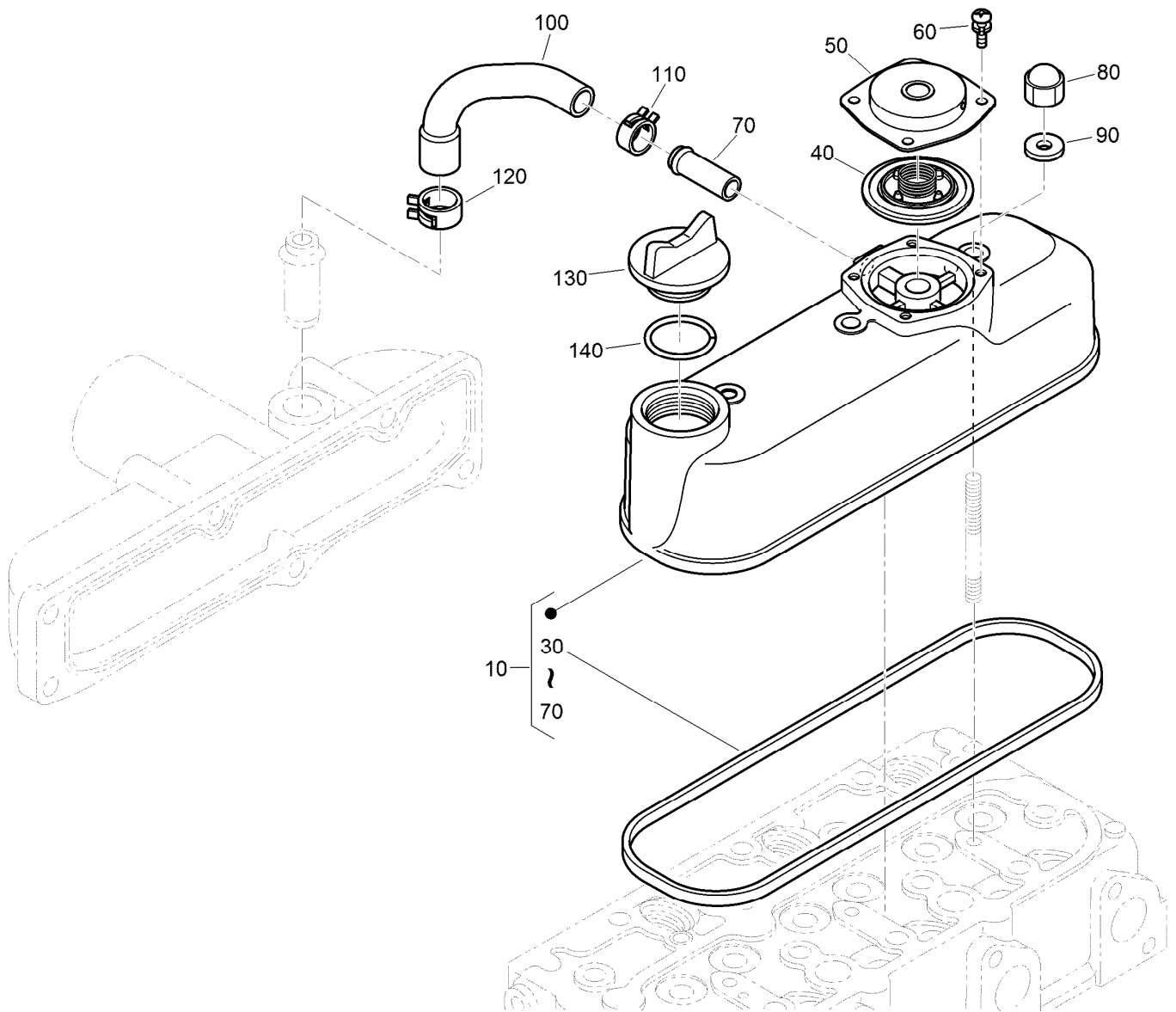
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 10   | 98-7531     | 2    | Hook-Engine           |
| 20   | 100-9195    | 2    | Bolt                  |
| 30   | 130-1544    | 1    | Cylinder Head ASM     |
| 40   | 105-3705    | 1    | Cap-Sealing           |
| 50   | 98-9687     | 2    | Plug                  |
| 60   | 107-9066    | 3    | Guide-Valve, Inlet    |
| 70   | 107-9067    | 3    | Guide-Valve, Exhaust  |
| 80   | 98-9389     | 2    | Cap-Sealing           |
| 90   | 98-9479     | 14   | Bolt-Head, Cylinder   |
| 100  | 108-6573    | 1    | Gasket-Head, Cylinder |
| 110  | 98-9444     | 1    | Plug                  |



## Gear Case and Oil Filter Cartridge Assembly

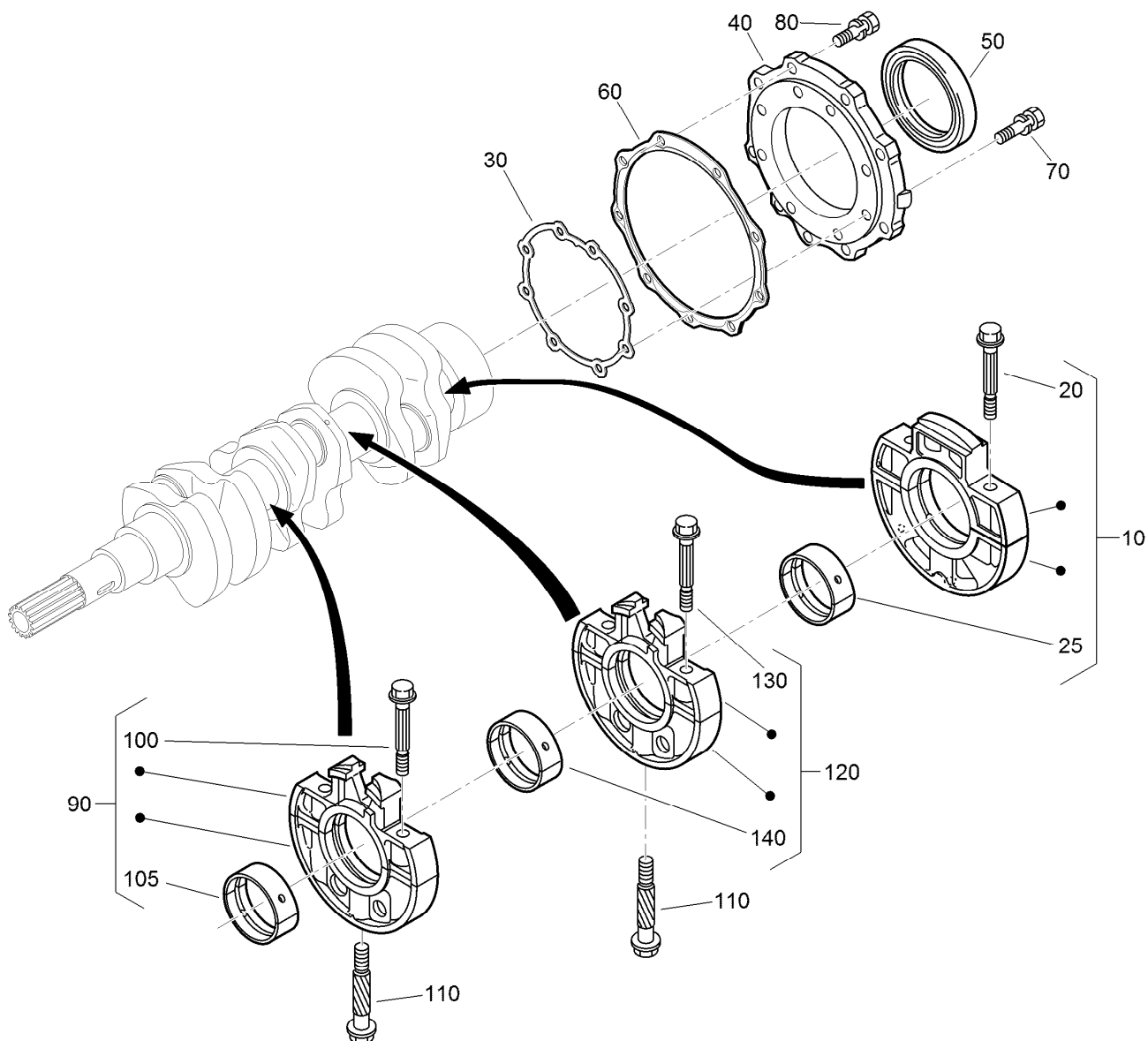
| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 10   | 115-4105    | 1    | Gear Case ASM     |
| 20   | 127-0425    | 2    | Plug              |
| 25   | 98-7487     | 1    | Plug              |
| 30   | 98-7562     | 1    | Washer-Plain      |
|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

| Ref. | Part Number | Qty. | Description   |
|------|-------------|------|---------------|
| 120  | 100-1765    | 3    | Bolt          |
| 130  | 125-9063    | 4    | Bolt-Sems     |
| 140  | 98-9356     | 4    | Bolt          |
| 150  | 107-9074    | 1    | Bolt          |
| 160  | 98-9586     | 1    | Bolt          |
| 170  | 105-3709    | 1    | Stud          |
| 180  | 100-2203    | 1    | Nut-Flange    |
| 190  | 119-8038    | 1    | Seal-Oil      |
| 200  | 105-3710    | 2    | Stud          |
| 210  | 99-3515     | 1    | Plug-Gearcase |
| 220  | 127-0511    | 1    | Filter-Oil    |



## Cylinder Head Cover Assembly

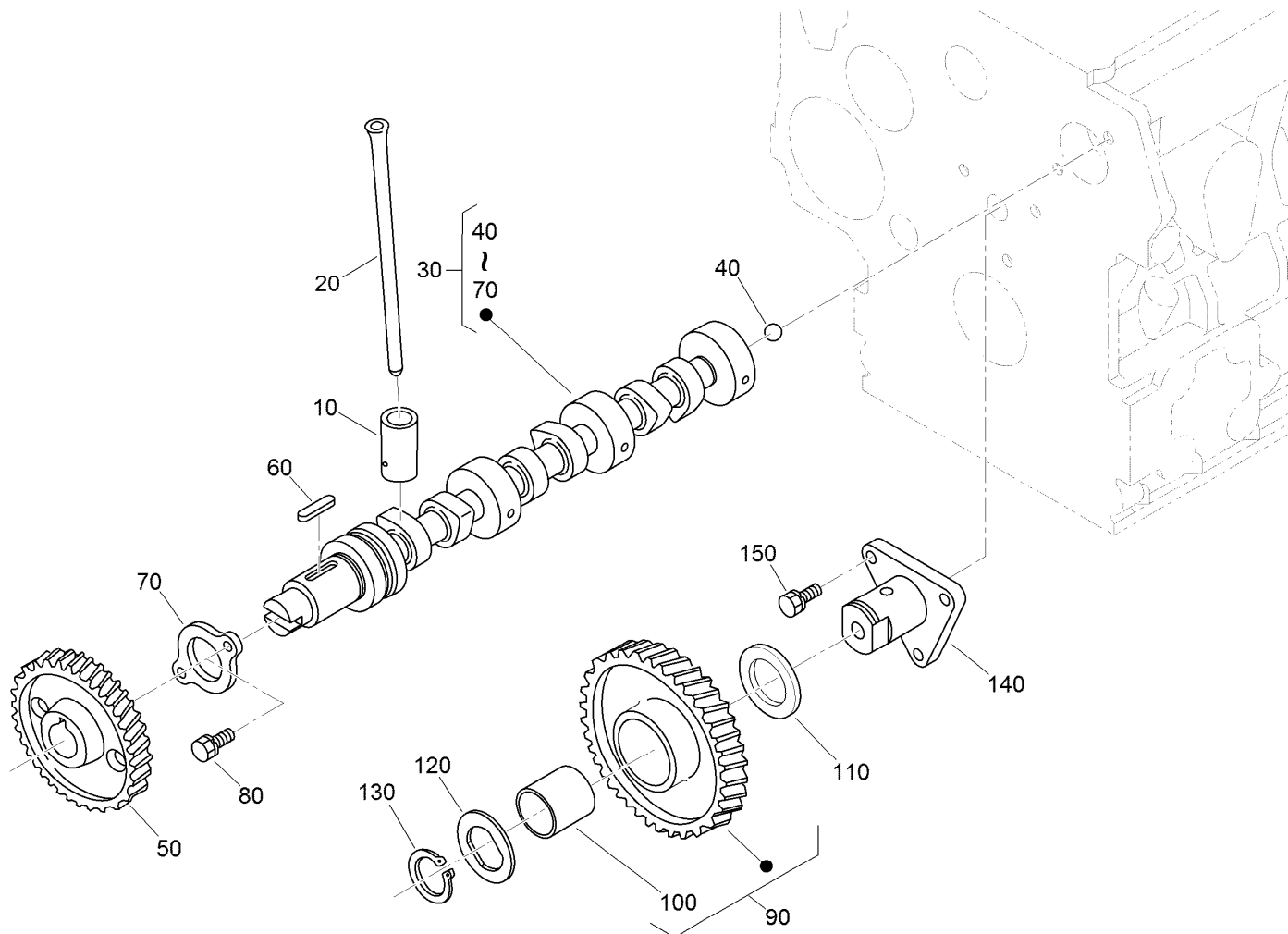
| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 10   | 130-1372    | 1    | Cylinder Head Cover ASM |
| 30   | 98-9615     | 1    | Gasket-Cover, Head      |
| 40   | 110-3715    | 1    | Valve-Breather          |
| 50   | 110-3714    | 1    | Cover-Breather          |
| 60   | 98-9364     | 4    | Screw (With Washer)     |
| 70   | 98-7766     | 1    | Pipe-Return, Water      |
| 80   | 98-9455     | 3    | Nut-Cap                 |
| 90   | 98-9454     | 3    | Gasket                  |
| 100  | 108-2858    | 1    | Tube-Breather           |
| 110  | 108-2859    | 1    | Clamp-Hose              |
| 120  | 108-2860    | 1    | Clamp-Hose              |
| 130  | 107-9075    | 1    | Plug-Filler, Oil        |
| 140  | 99-3446     | 1    | O-Ring                  |



## Main Bearing Case Assembly

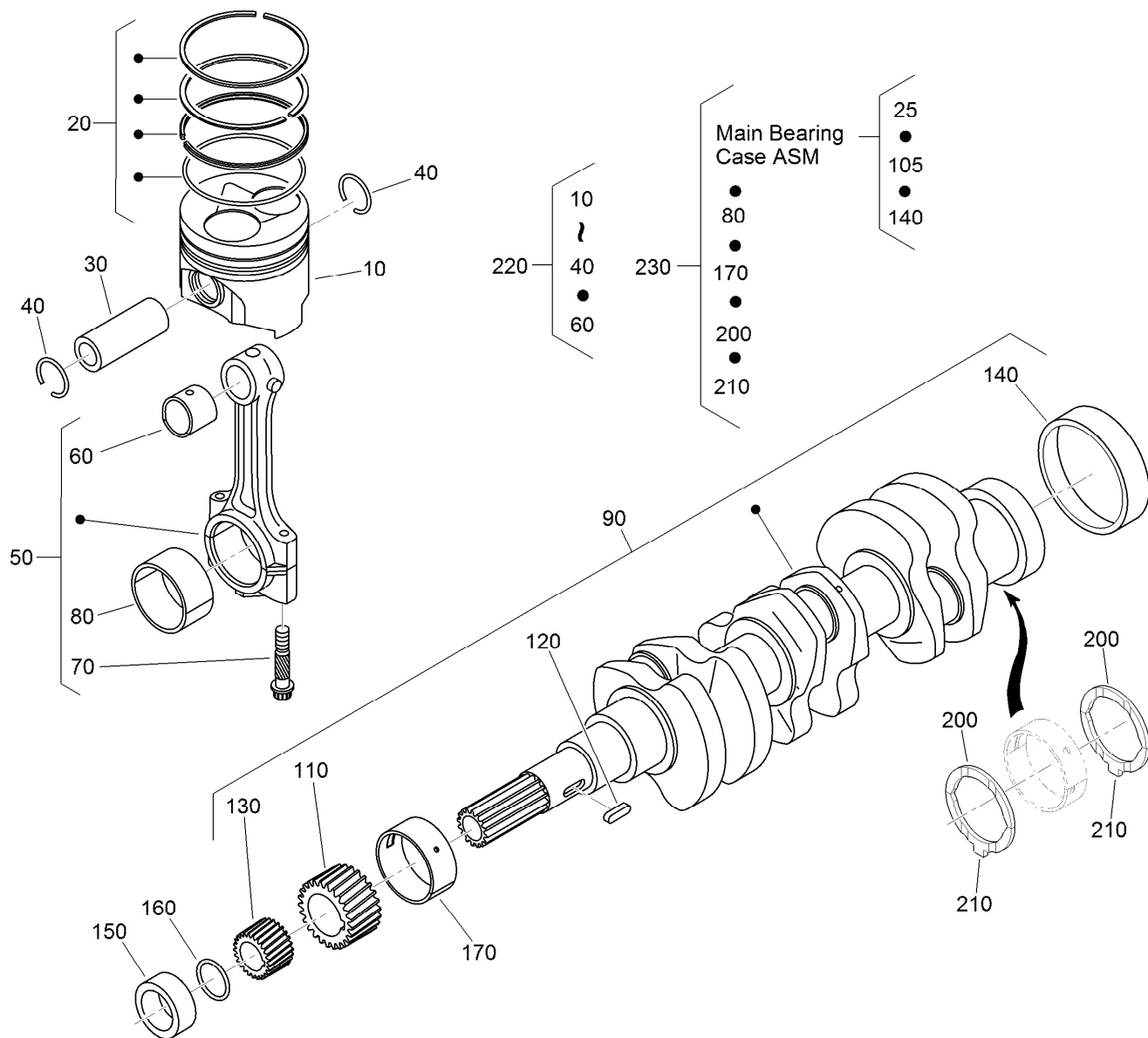
| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 10   | 112-7026    | 1    | Wheel Bearing Case ASM    |
| 20   | 98-9484     | 2    | Bolt-Case, Bearing        |
| 25   | 115-4121    | 1    | Metal-Crankshaft (STD)    |
| 25   | 112-7039    | 1    | Metal-Crankshaft (0.2Mm)  |
| 25   | 112-7040    | 1    | Metal-Crankshaft (-0.4Mm) |
| 30   | 131-6554    | 1    | Gasket-Case, Bearing      |
| 40   | 112-7046    | 1    | Cover-Case, Bearing       |
| 50   | 112-0180    | 1    | Seal-Oil                  |
| 60   | 112-7037    | 1    | Gasket-Cover, Case        |
| 70   | 127-0441    | 8    | Bolt                      |
| 80   | 127-0442    | 9    | Bolt                      |

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



## Camshaft and Idle Gear Shaft Assembly

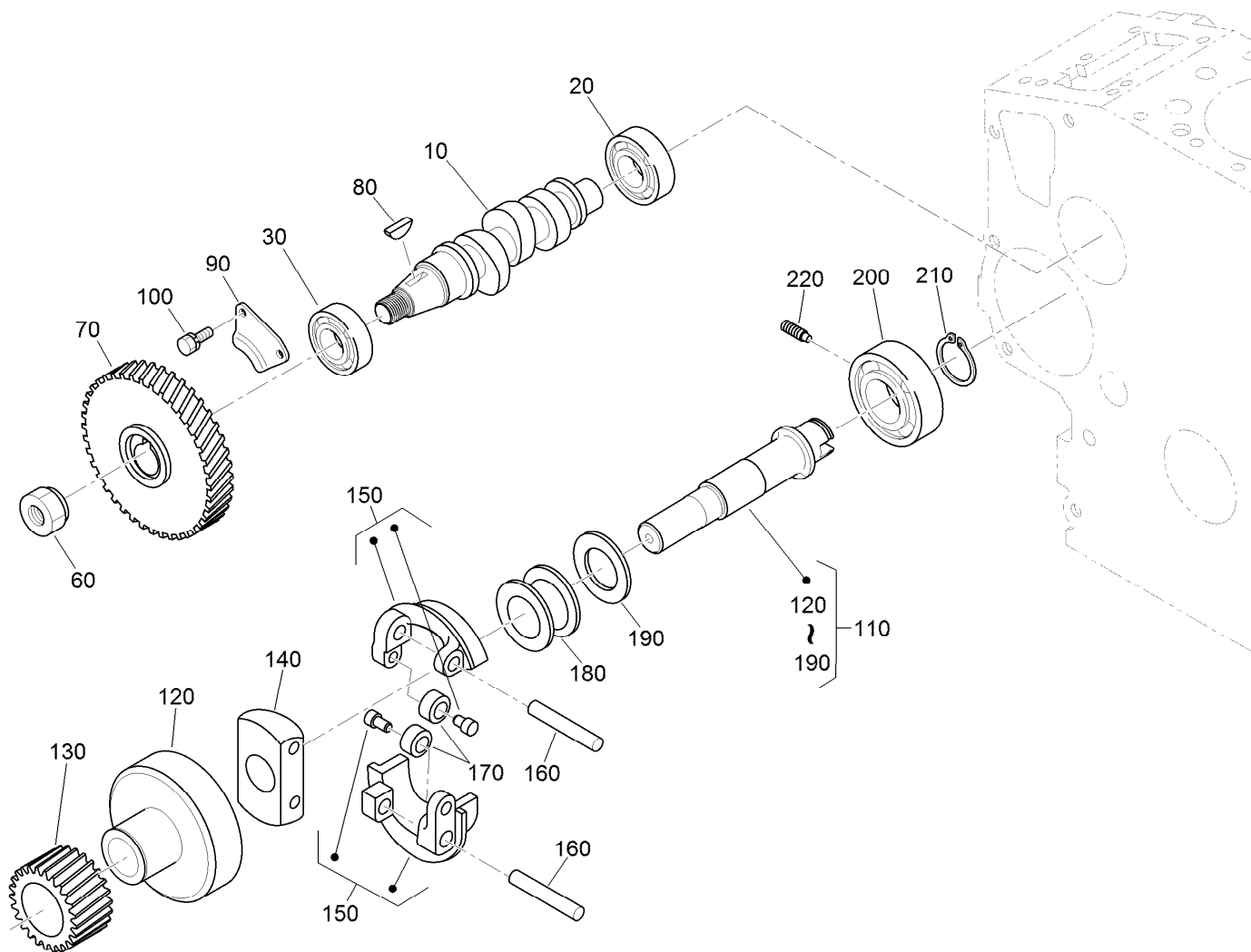
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 10   | 112-0185    | 6    | Tappet             |
| 20   | 127-0421    | 6    | Rod-Push           |
| 30   | 130-1545    | 1    | Camshaft ASM       |
| 40   | 110-3729    | 1    | Ball               |
| 50   | 98-9512     | 1    | Gear-Cam           |
| 60   | 98-9378     | 1    | Key-Feather        |
| 70   | 131-6555    | 1    | Stopper (Camshaft) |
| 80   | 98-7692     | 2    | Bolt               |
| 90   | 117-7584    | 1    | Idler Gear ASM     |
| 100  | 117-7585    | 1    | Bushing-Gear, Idle |
| 110  | 98-9535     | 1    | Collar-Gear, Idle  |
| 120  | 98-9536     | 1    | Collar-Gear, Idle  |
| 130  | 98-9534     | 1    | Circlip-Gear, Idle |
| 140  | 98-9533     | 1    | Shaft-Gear, Idle   |
| 150  | 98-7692     | 3    | Bolt               |



## Piston and Crankshaft Assembly

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

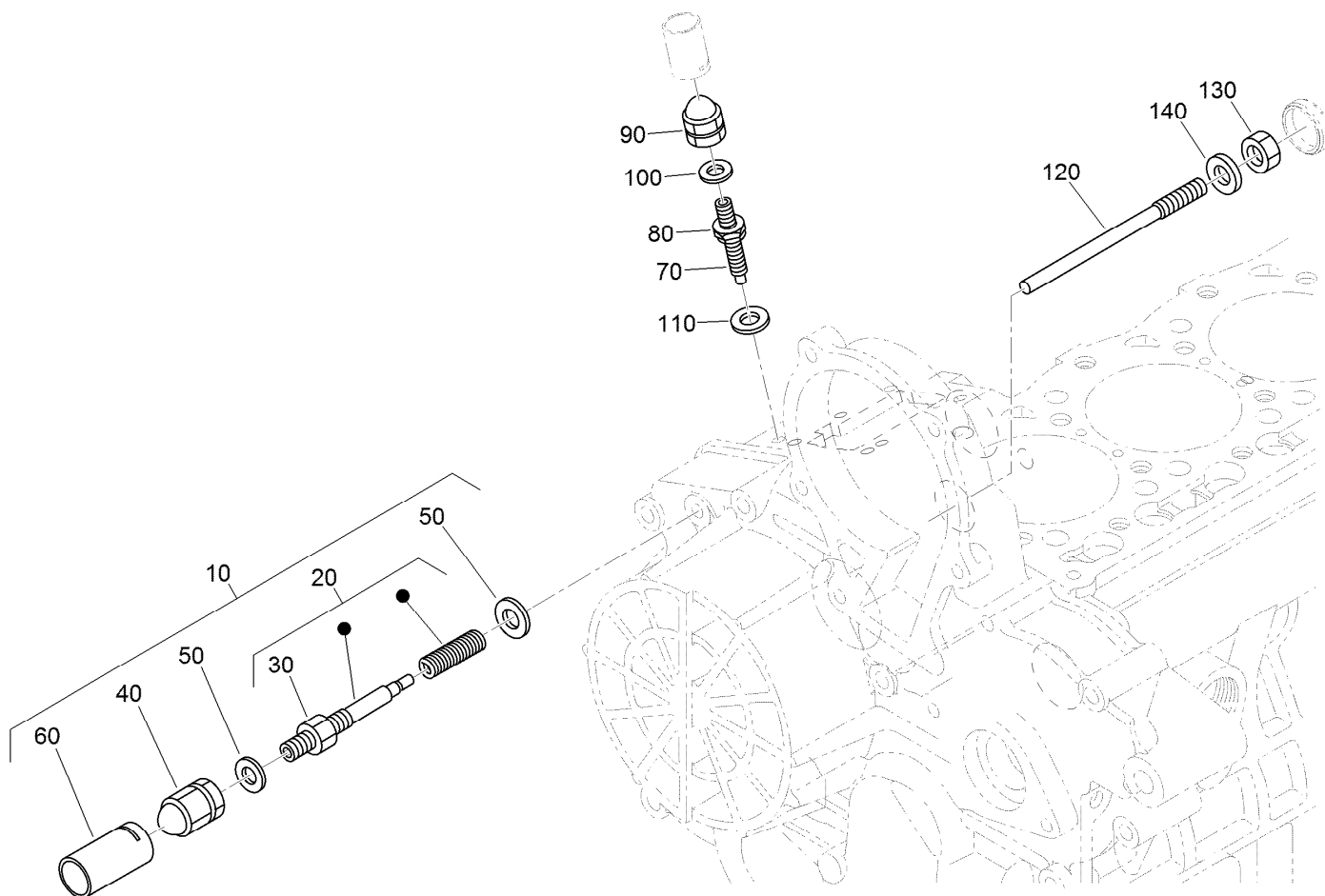
| Ref. | Part Number | Qty. | Description                        |
|------|-------------|------|------------------------------------|
| 160  | 105-3783    | 1    | O-Ring                             |
| 170  | 112-7005    | 1    | Bearing-Main (STD)                 |
| 170  | 98-9528     | 1    | Bearing-Main (-0.2MM)              |
| 170  | 130-1274    | 1    | Metal-Crankshaft (-0.40Mm)         |
| 200  | 98-9413     | 2    | Bearing-Thrust (STD)               |
| 200  | 127-0416    | 2    | Metal-Side (+0.2Mm)                |
| 200  | 127-0417    | 2    | Metal-Side (+0.40Mm)               |
| 210  | 98-9688     | 2    | Bearing-Thrust (STD)               |
| 210  | 127-0437    | 2    | Metal-Side (+0.2MM)                |
| 210  | 127-0438    | 2    | Metal-Side (+0.40MM)               |
| 220  | 130-1547    | 3    | Piston Kit                         |
| 220  | 130-1548    | 3    | Piston Kit                         |
| 230  | 130-1501    | 1    | Engine Metal Kit (STD)             |
| 230  | 130-1498    | 1    | Engine Metal Kit (-0.20Mm/+0.20Mm) |
| 230  | 130-1499    | 1    | Engine Metal Kit (-0.40Mm/+0.40Mm) |



## Fuel Camshaft and Governor Shaft Assembly

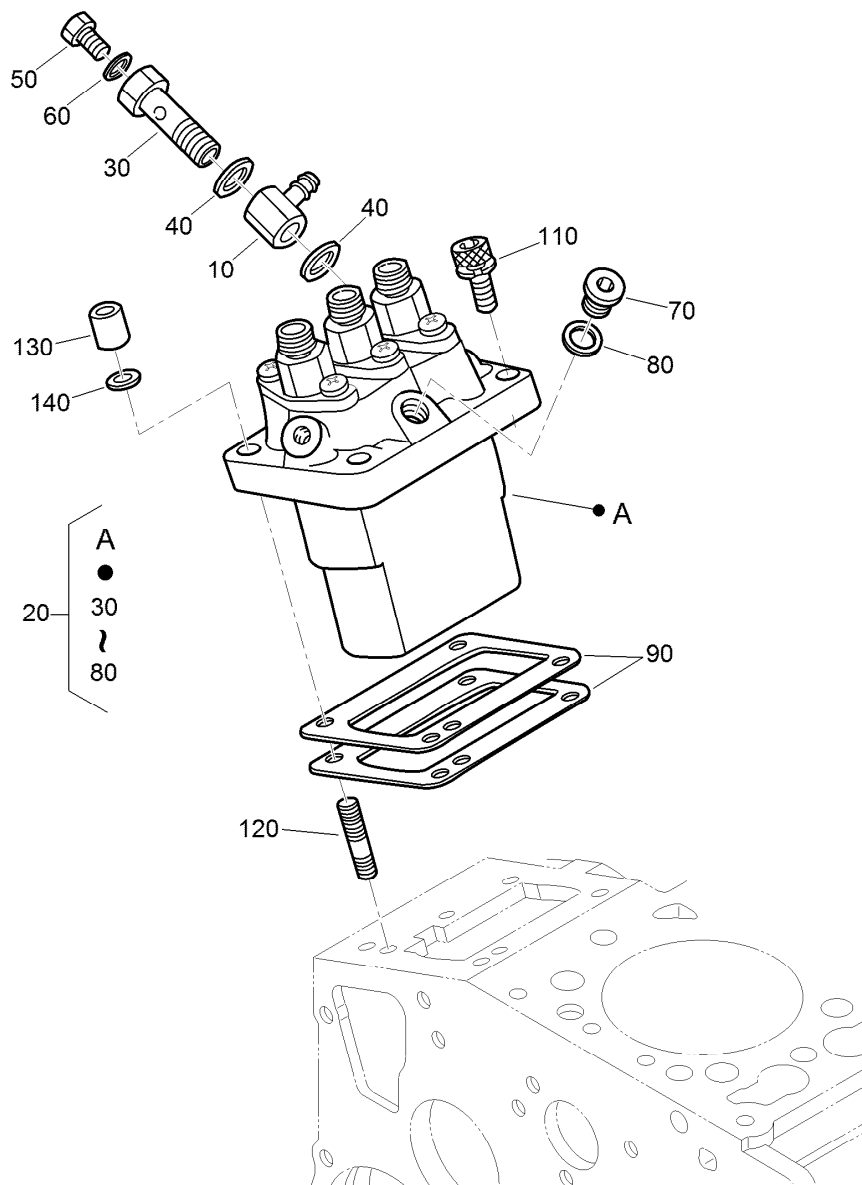
| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 10   | 98-9459     | 1    | Camshaft-Fuel          |
| 20   | 107-9077    | 1    | Bearing-Ball           |
| 30   | 107-9078    | 1    | Bearing-Ball           |
| 60   | 130-1512    | 1    | Nut                    |
| 70   | 120-2562    | 1    | Gear-Pump, Injection   |
| 80   | 98-9595     | 1    | Key-Woodruff           |
| 90   | 98-9511     | 1    | Stopper-Fuel, Camshaft |
| 100  | 98-7692     | 2    | Bolt                   |
| 110  | 130-1255    | 1    | Governor Shaft ASM     |
| 120  | 98-9562     | 1    | Holder-Gear, Governor  |

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 130  | 98-9673     | 1    | Gear-Governor           |
| 140  | 98-9561     | 1    | Holder-Weight, Governor |
| 150  | 130-1240    | 2    | Governor Weight ASM     |
| 160  | 98-9560     | 2    | Shaft-Weight, Governor  |
| 170  | 98-9692     | 2    | Roller                  |
| 180  | 98-9563     | 1    | Sleeve-Governor         |
| 190  | 98-9564     | 1    | Washer-Thrust           |
| 200  | 107-9079    | 1    | Bearing-Ball            |
| 210  | 98-9657     | 1    | Circlip-Shaft, Governor |
| 220  | 98-9565     | 1    | Screw-Set               |



## Idle Apparatus Assembly

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 10   | 98-9678     | 1    | Idle Apparatus ASM |
| 20   | 112-7014    | 1    | Adjusting Bolt ASM |
| 30   | 98-9439     | 1    | Nut                |
| 40   | 112-0181    | 1    | Nut                |
| 50   | 98-7654     | 2    | Gasket             |
| 60   | 98-7656     | 1    | Cap                |
| 70   | 112-7015    | 1    | Bolt-Adjusting     |
| 80   | 100-2175    | 1    | Nut-Lock           |
| 90   | 112-0181    | 1    | Nut                |
| 100  | 98-7654     | 1    | Gasket             |
| 110  | 107-9081    | 1    | Gasket             |
| 120  | 131-6556    | 1    | Bolt               |
| 130  | 98-7572     | 1    | Nut                |
| 140  | 98-7654     | 1    | Gasket             |

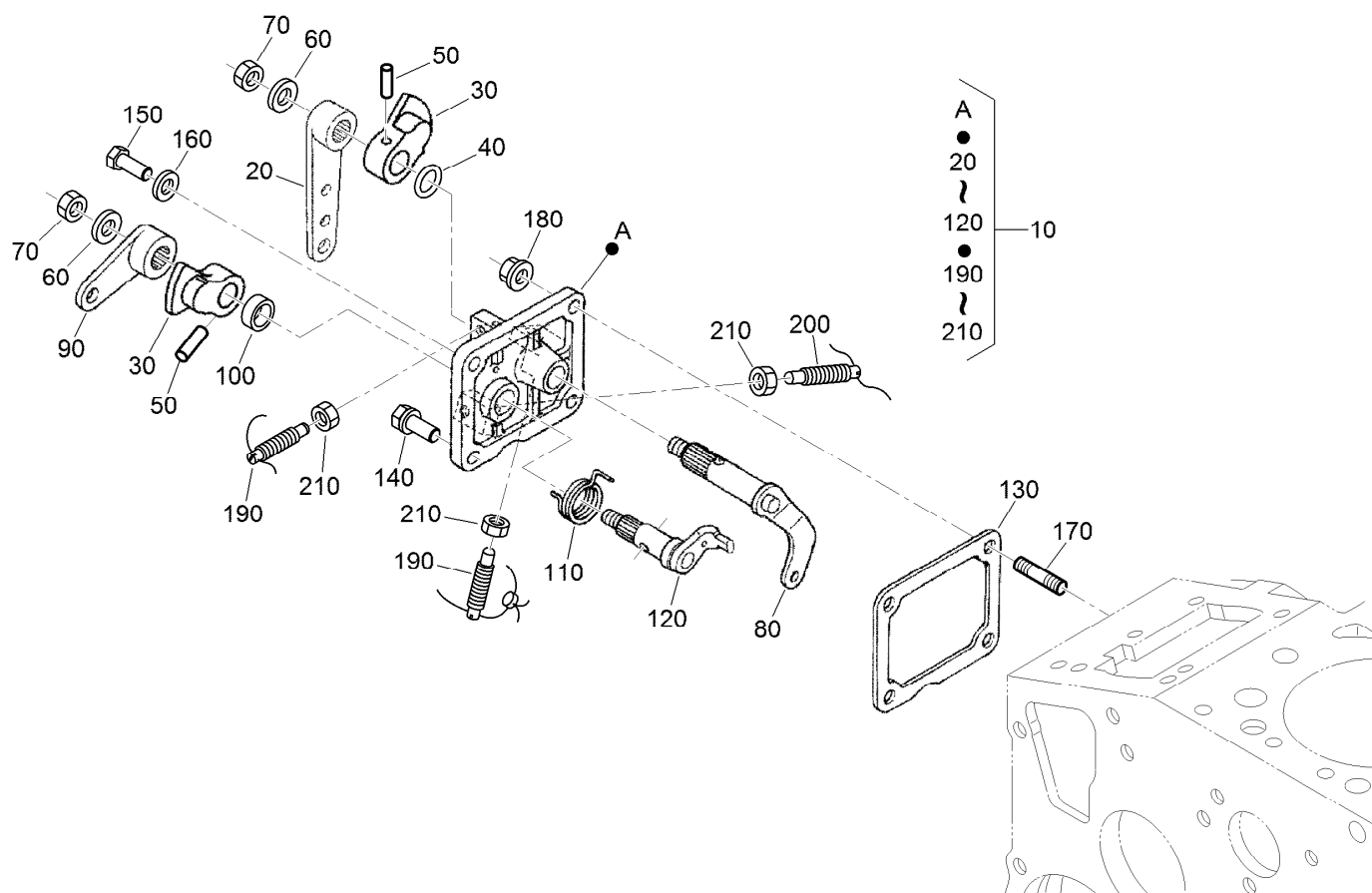


## Injection Pump Assembly

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 10   | 98-9596     | 1    | Joint-Eye               |
| 20   | 98-9643     | 1    | Injection Pump ASM      |
| 30   | 98-9464     | 1    | Bolt-Joint              |
| 40   | 98-9445     | 2    | Gasket                  |
| 50   | 98-9430     | 1    | Screw                   |
| 60   | 98-9446     | 1    | Gasket                  |
| 70   | 98-9466     | 1    | Plug                    |
| 80   | 98-9451     | 1    | Gasket                  |
| 90   | 98-9456     | 1    | Shim-Injection (0.20MM) |

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

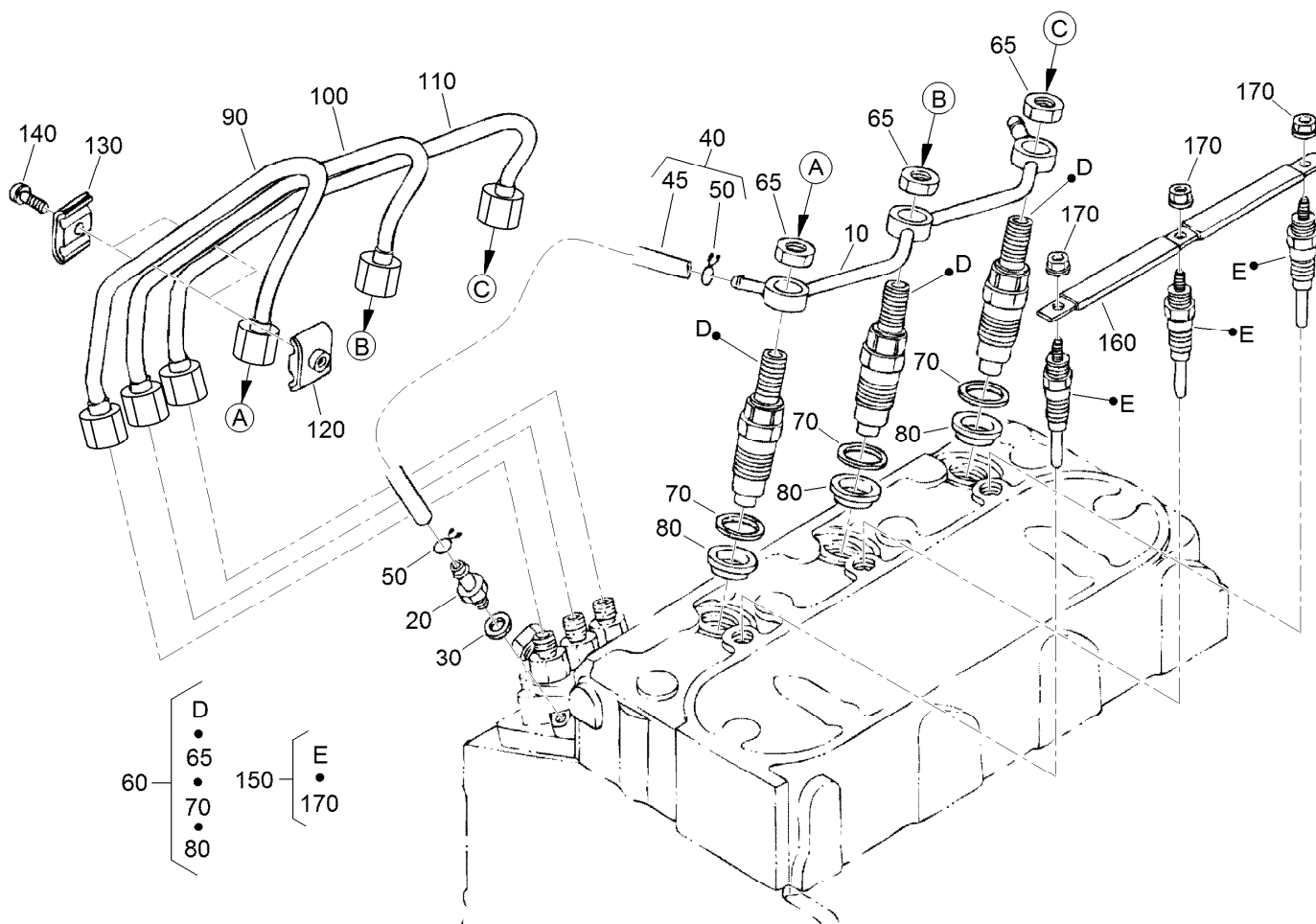




## Speed Control Plate Assembly

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

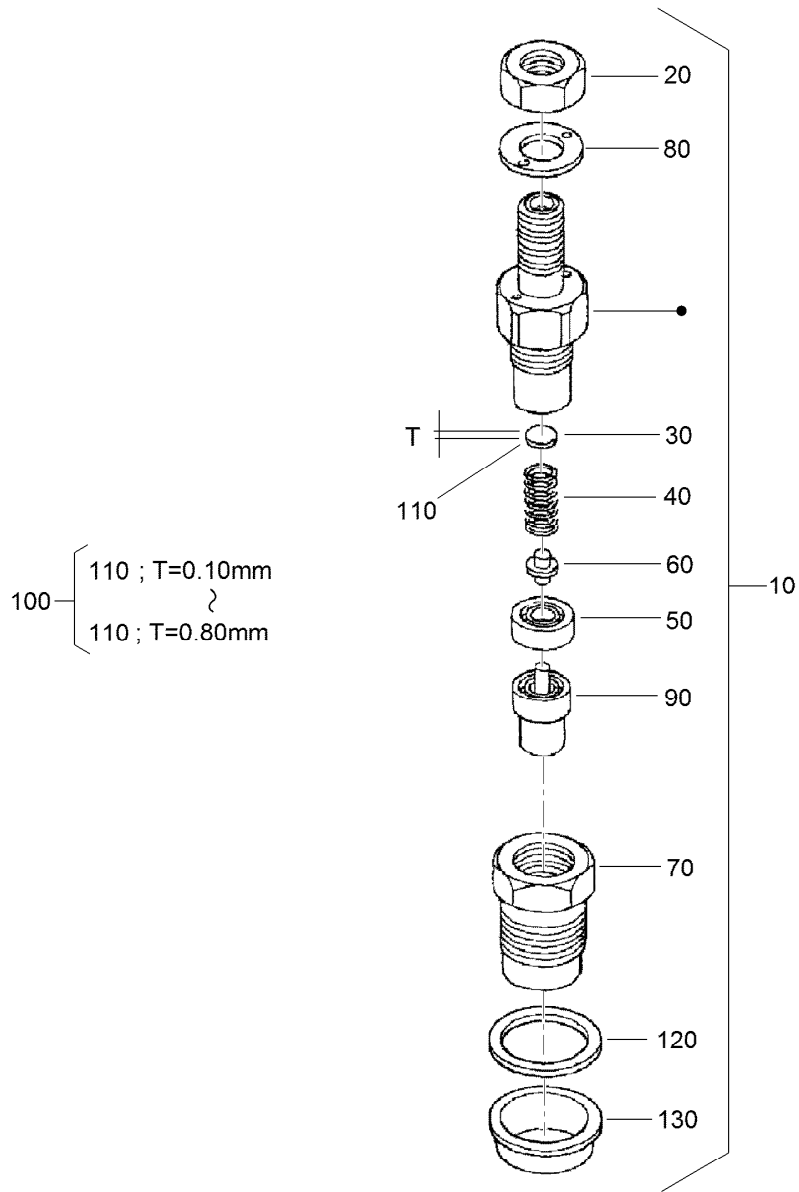
| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 120  | 98-9664     | 1    | Shaft-Lever, Stop |
| 130  | 98-9637     | 1    | Gasket            |
| 140  | 98-7692     | 1    | Bolt              |
| 150  | 127-0401    | 1    | Bolt-Hex          |
|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



## Nozzle Holder and Glow Plug Assembly

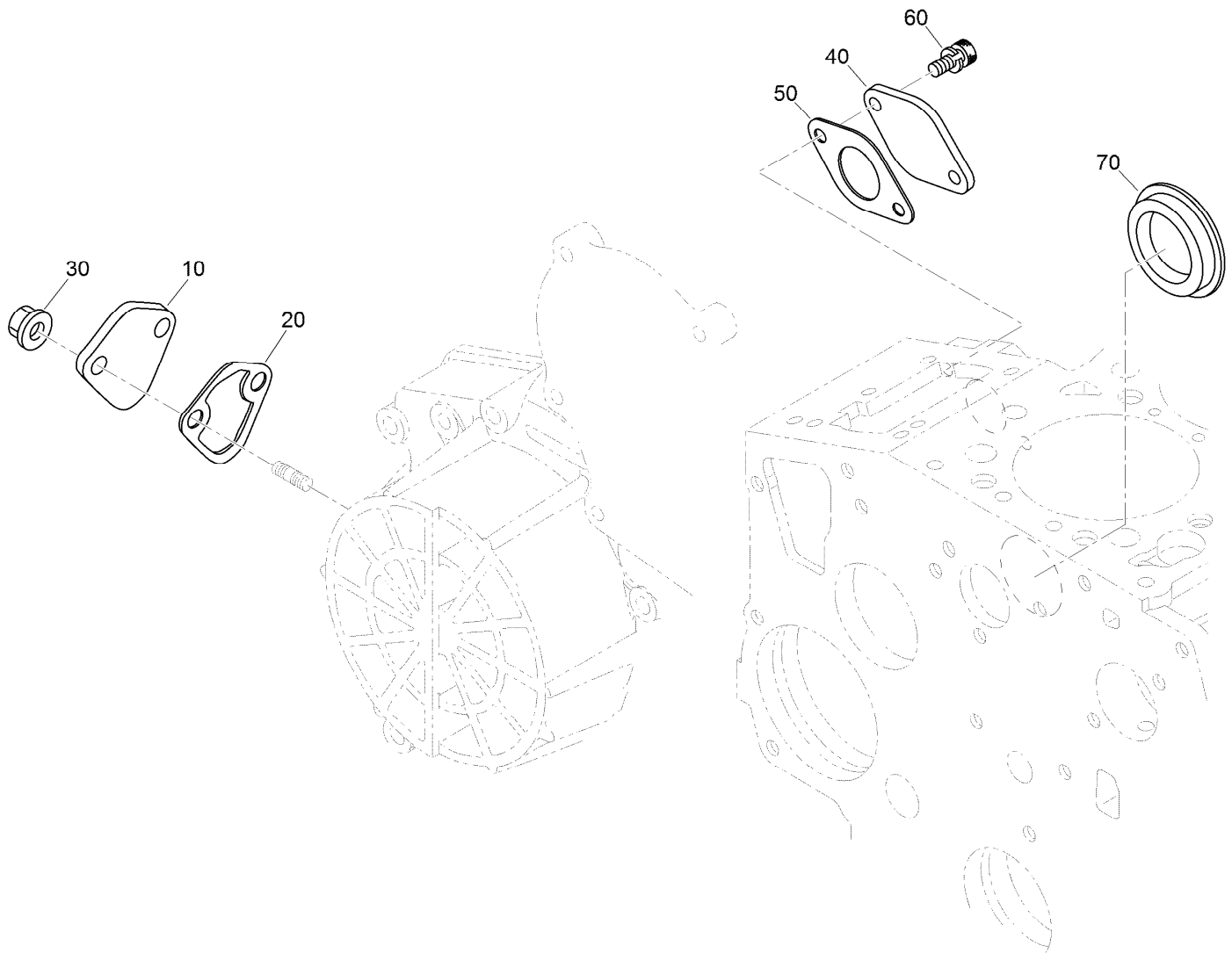
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 10   | 98-9620     | 1    | Overflow Pipe ASM  |
| 20   | 98-9431     | 1    | Screw-Bleeder, Air |
| 30   | 98-7654     | 1    | Gasket             |
| 40   | 98-9420     | 1    | Overflow Pipe ASM  |
| 45   | 112-0182    | 1    | Pipe-Overflow      |
| 50   | 98-7671     | 2    | Clip-Pipe          |
| 60   | 115-3018    | 3    | Nozzle Holder Kit  |
| 65   | 121-2411    | 3    | Nut                |
| 70   | 98-7676     | 3    | Gasket             |
| 80   | 98-7677     | 3    | Seal-Heat          |

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 90   | 98-9653     | 1    | Pipe-Injection   |
| 100  | 98-9654     | 1    | Pipe-Injection   |
| 110  | 98-9655     | 1    | Pipe-Injection   |
| 120  | 98-7682     | 2    | Clamp-Pipe       |
| 130  | 98-7683     | 2    | Clamp-Pipe       |
| 140  | 98-7684     | 2    | Screw (W/Washer) |
| 150  | 130-1411    | 3    | Plug-Glow        |
| 160  | 98-9631     | 1    | Cord-Plug, Glow  |
| 170  | 99-8377     | 3    | Nut-Flange       |



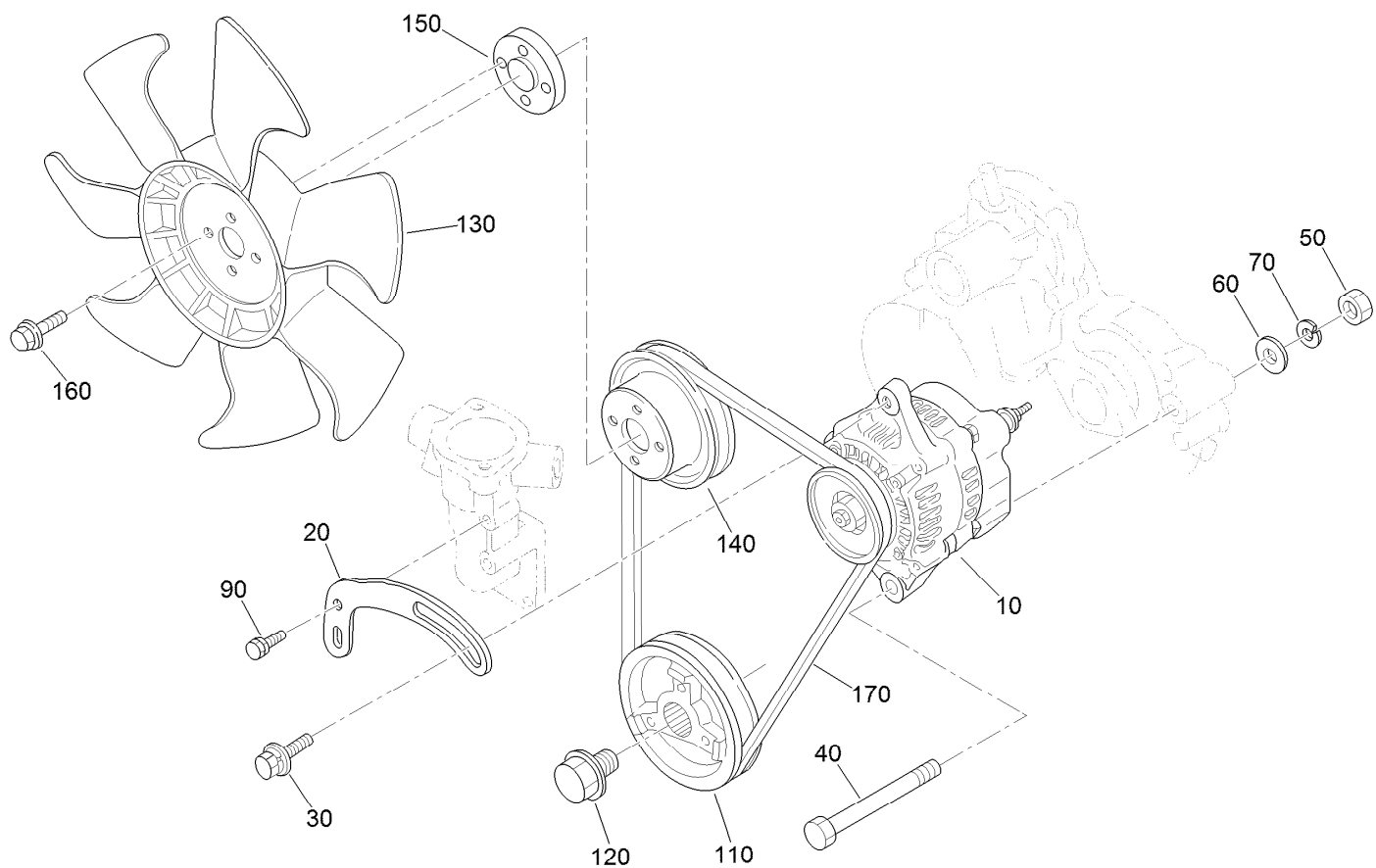
## Nozzle Holder Assembly

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



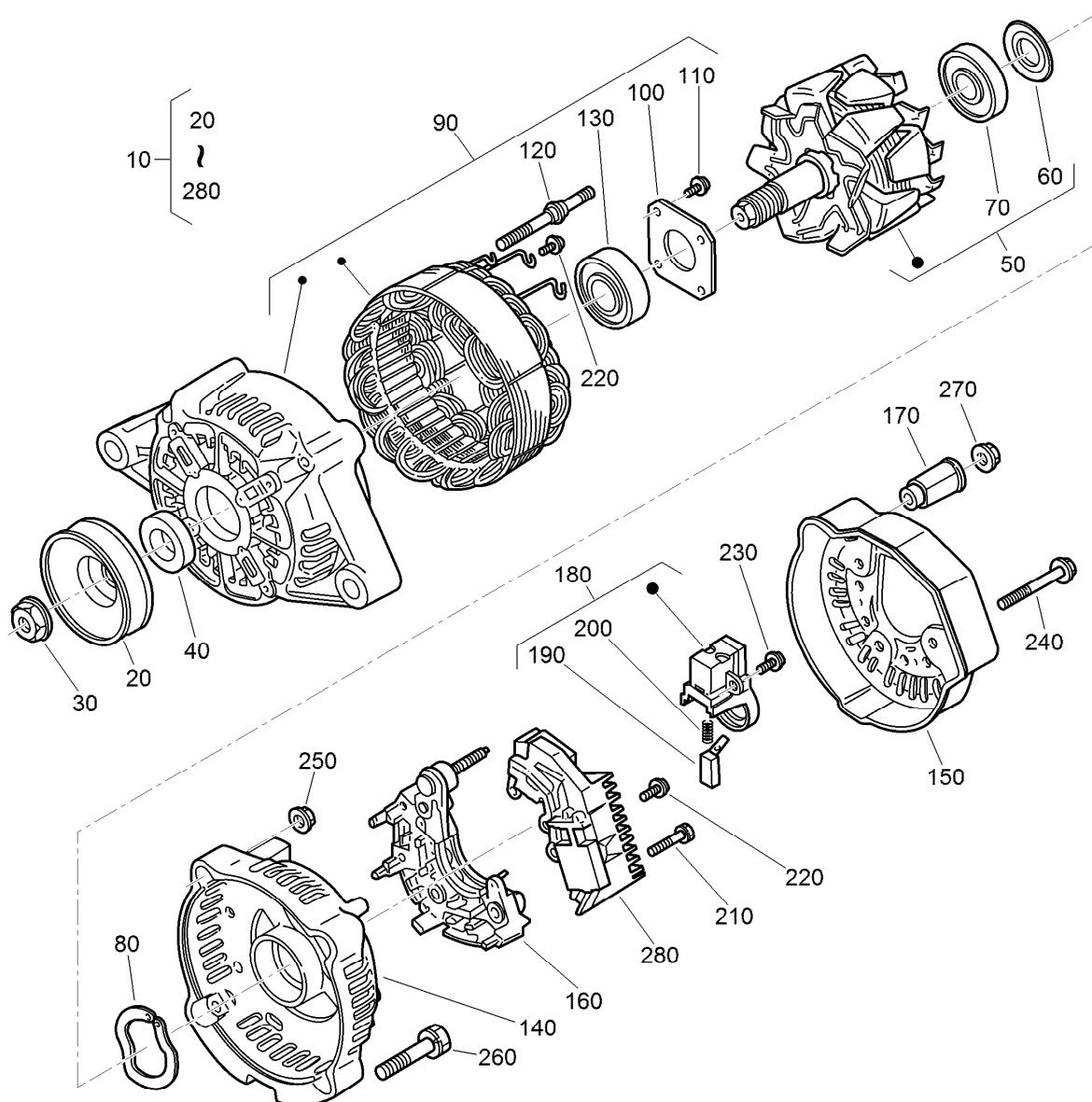
## Cover Assembly

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>     |
|-------------|--------------------|-------------|------------------------|
| 10          | 99-3514            | 1           | Cover                  |
| 20          | 117-7562           | 1           | Gasket-Pump, Fuel      |
| 30          | 100-2203           | 2           | Nut-Flange             |
| 40          | 127-0419           | 1           | Cover-Solenoid         |
| 50          | 98-9683            | 1           | Gasket-Cover, Solenoid |
| 60          | 130-1155           | 2           | Screw-HSH              |
| 70          | 112-7016           | 1           | Cover-Pump             |



## Alternator, Pulley and Fan Assembly

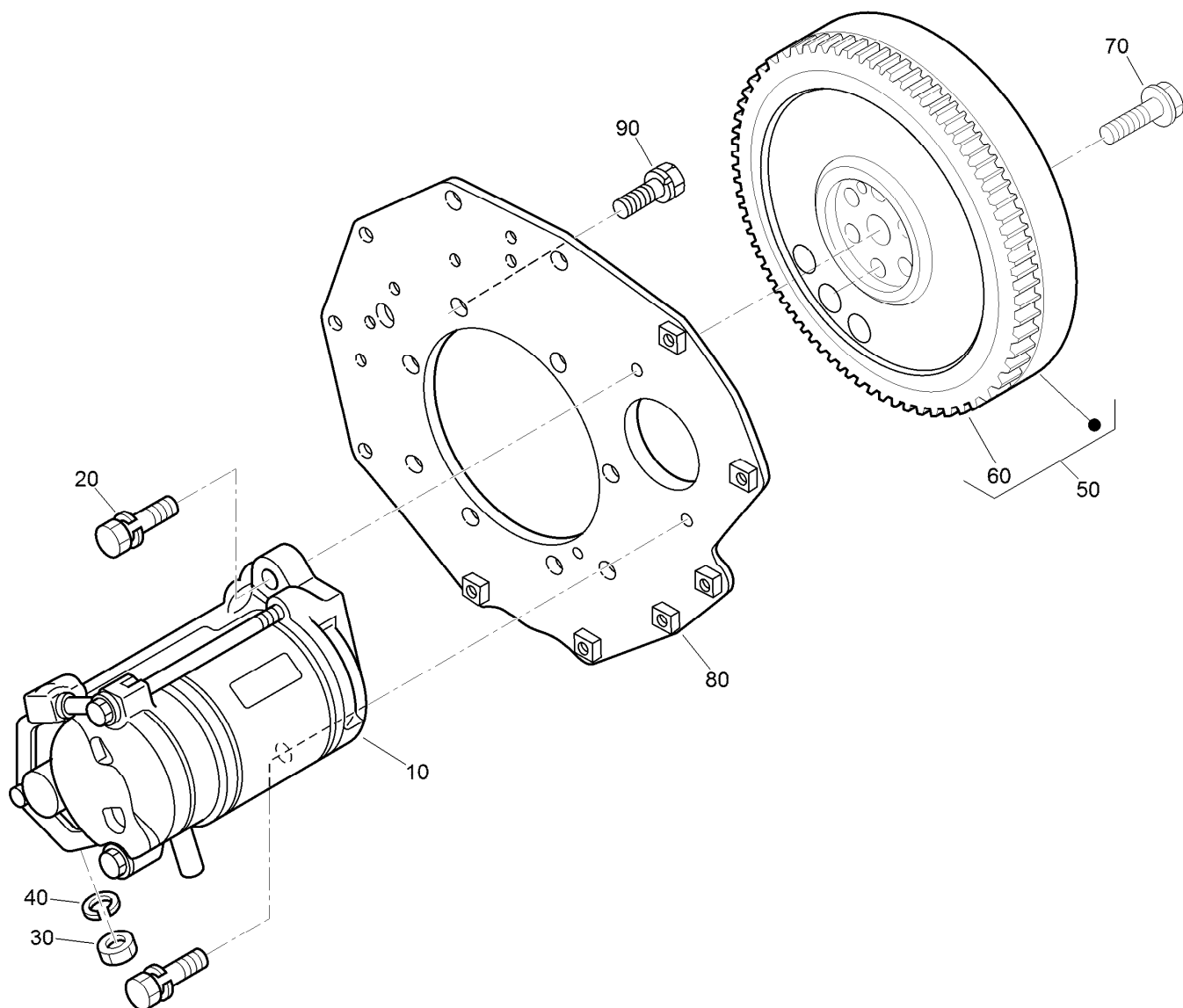
| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 10   | 131-6557    | 1    | Alternator ASM    |
| 20   | 112-7047    | 1    | Stay-Dynamo       |
| 30   | 108-7088    | 1    | Bolt              |
| 40   | 98-9360     | 1    | Bolt              |
| 50   | 98-7737     | 1    | Nut               |
| 60   | 98-9366     | 1    | Washer-Plain      |
| 70   | 98-7738     | 1    | Washer-Spring     |
| 90   | 98-7692     | 1    | Bolt              |
| 110  | 98-9473     | 1    | Pulley-Drive, Fan |
| 120  | 98-9585     | 1    | Bolt              |
| 130  | 110-0966    | 1    | Fan-Cooling       |
| 140  | 130-1567    | 1    | Pulley-Fan        |
| 150  | 108-2872    | 1    | Collar-Fan        |
| 160  | 108-2873    | 4    | Bolt-Flange       |
| 170  | 104-3494    | 1    | Belt-V            |



## Alternator Assembly No. 131-6557

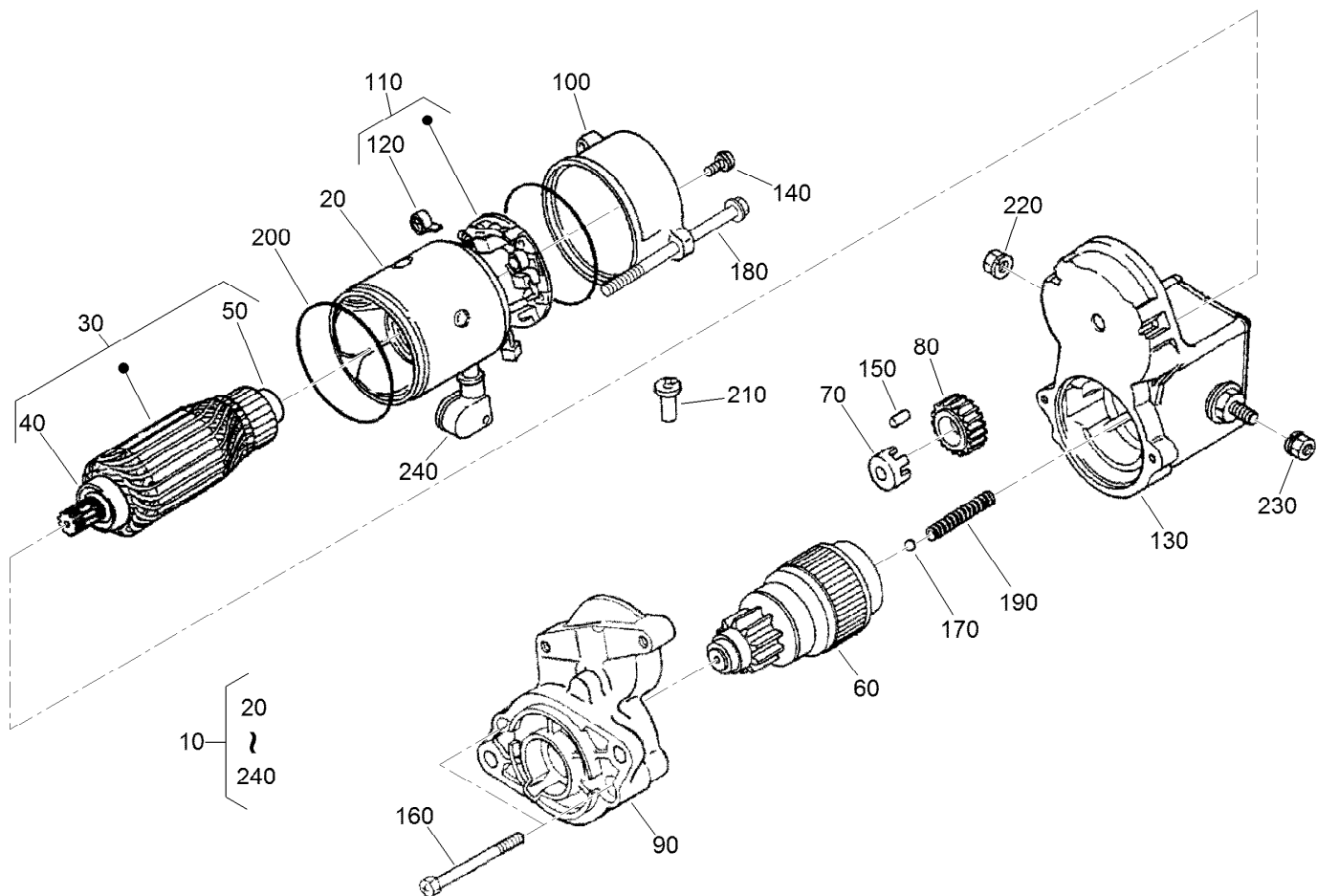
| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 10   | 131-6557    | 1    | Alternator ASM    |
| 20   | 98-9453     | 1    | Pulley-Dynamo     |
| 30   | 98-7708     | 1    | Nut               |
| 40   | 98-7709     | 1    | Collar            |
| 50   | 107-0136    | 1    | Rotor ASM         |
| 60   | 98-7711     | 1    | Cover-Bearing     |
| 70   | 107-0138    | 1    | Bearing-Ball      |
| 80   | 98-7713     | 1    | Washer-Thrust     |
| 90   | 131-6559    | 1    | Frame-End, Drive  |
| 100  | 98-7715     | 1    | Plate-Retainer    |
| 110  | 98-7716     | 4    | Screw-Head, Round |
| 120  | 98-7717     | 2    | Bolt-Through      |
| 130  | 133-2811    | 1    | Bearing           |
| 140  | 107-9087    | 1    | Frame-End         |

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 150  | 107-0140    | 1    | Cover-End          |
| 160  | 127-1612    | 1    | Rectifier ASM      |
| 170  | 98-7722     | 1    | Bushing-Insulation |
| 180  | 107-0141    | 1    | Brush Holder ASM   |
| 190  | 98-7724     | 2    | Brush              |
| 200  | 98-7725     | 2    | Spring-Brush       |
| 210  | 98-7726     | 2    | Screw-Head, Round  |
| 220  | 98-7727     | 6    | Screw-Head, Round  |
| 230  | 98-7728     | 1    | Screw-Head, Round  |
| 240  | 98-7729     | 3    | Bolt               |
| 250  | 98-7730     | 2    | Nut                |
| 260  | 98-7731     | 2    | Bolt               |
| 270  | 98-7732     | 1    | Nut                |
| 280  | 110-3799    | 1    | Regulator ASM      |



## Starter and Flywheel Assembly

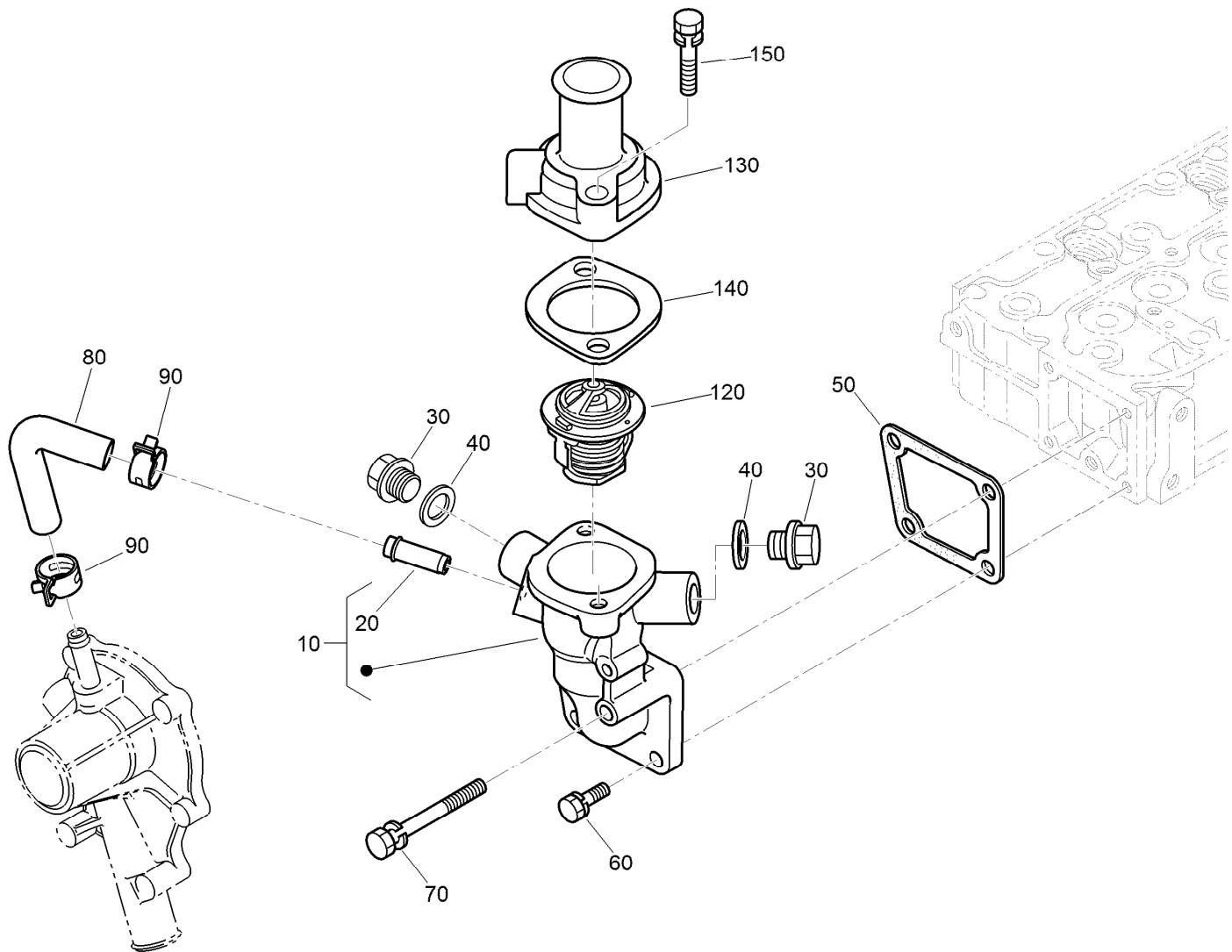
| Ref. | Part Number | Qty. | Description     |
|------|-------------|------|-----------------|
| 10   | 131-6561    | 1    | Starter ASM     |
| 20   | 98-7697     | 2    | Bolt            |
| 30   | 98-7739     | 1    | Nut             |
| 40   | 105-2893    | 1    | Washer-Spring   |
| 50   | 105-3784    | 1    | Flywheel ASM    |
| 60   | 115-3015    | 1    | Gear-Ring       |
| 70   | 98-9537     | 6    | Bolt-Flywheel   |
| 80   | 98-9486     | 1    | Plate-End, Rear |
| 90   | 98-9392     | 8    | Bolt            |



## Starter Assembly No. 131-6561

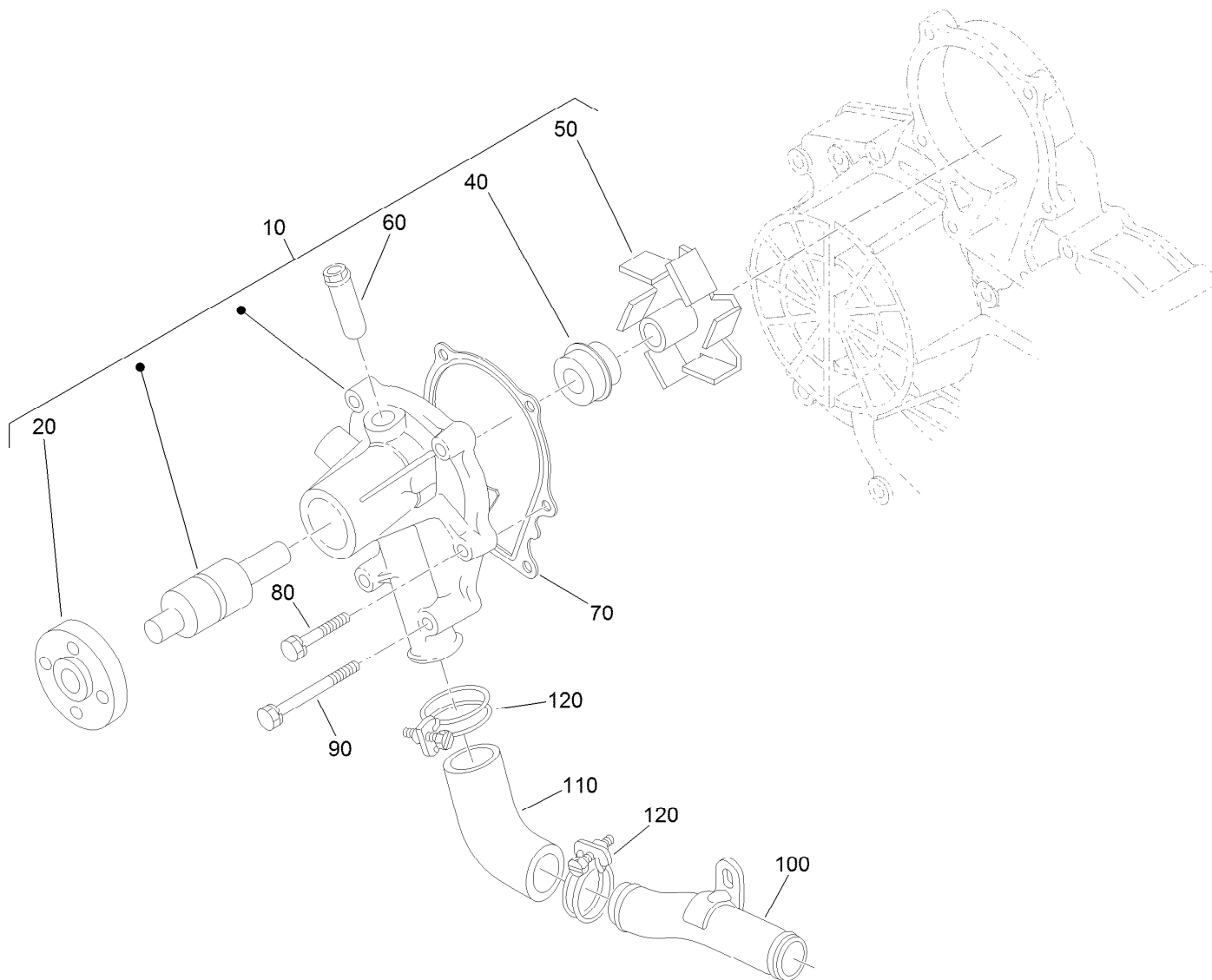
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 10   | 131-6561    | 1    | Starter ASM          |
| 20   | 98-7741     | 1    | Yoke ASM             |
| 30   | 98-7742     | 1    | Armature ASM         |
| 40   | 98-7744     | 1    | Bearing              |
| 50   | 98-7743     | 1    | Bearing              |
| 60   | 99-8373     | 1    | Clutch-Running, Over |
| 70   | 98-7752     | 1    | Retainer             |
| 80   | 98-7751     | 1    | Gear                 |
| 90   | 99-8374     | 1    | Frame-End, Drive     |
| 100  | 98-7748     | 1    | Frame-End            |
| 110  | 98-7749     | 1    | Brush Holder ASM     |
| 120  | 98-7750     | 4    | Spring-Brush         |

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 130  | 99-8372     | 1    | Magnetic Switch ASM |
| 140  | 98-7758     | 2    | Bolt ASM            |
| 150  | 98-7753     | 5    | Roller              |
| 160  | 98-7756     | 2    | Bolt                |
| 170  | 98-7755     | 1    | Ball                |
| 180  | 100-9240    | 2    | Bolt                |
| 190  | 98-7754     | 1    | Spring              |
| 200  | 98-7757     | 2    | O-Ring              |
| 210  | 98-7759     | 1    | Pipe-Drain          |
| 220  | 99-8376     | 1    | Nut-Hex             |
| 230  | 98-7760     | 1    | Nut-Hex             |
| 240  | 110-0020    | 1    | Cover-Terminal      |



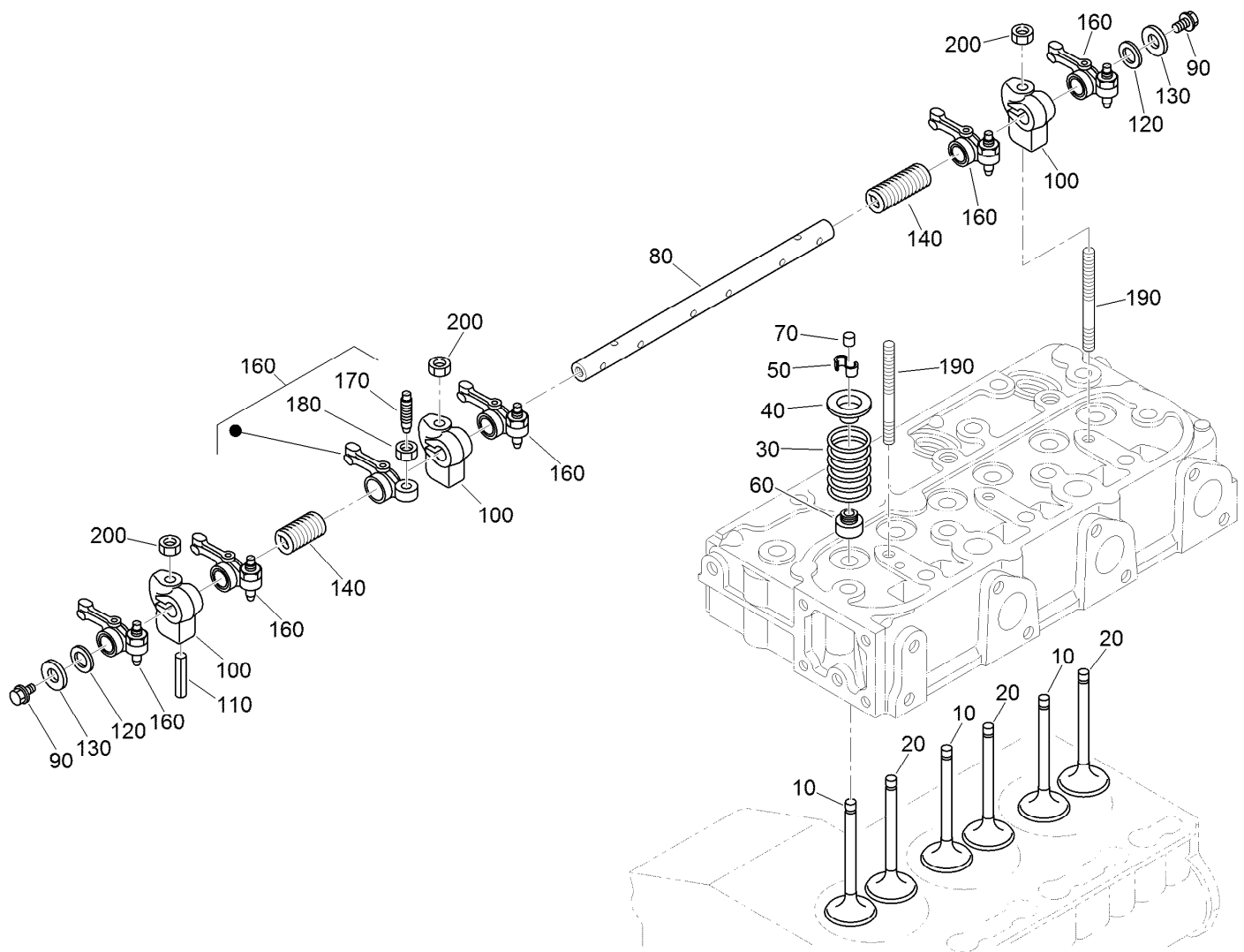
## Water Flange and Thermostat Assembly

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 10   | 98-9713     | 1    | Water Flange ASM     |
| 20   | 98-9580     | 1    | Pipe-Return, Water   |
| 30   | 105-3747    | 2    | Plug                 |
| 40   | 99-3583     | 2    | Gasket               |
| 50   | 98-9638     | 1    | Gasket-Flange, Water |
| 60   | 98-7692     | 3    | Bolt                 |
| 70   | 98-9356     | 1    | Bolt                 |
| 80   | 98-9578     | 1    | Pipe-Return, Water   |
| 90   | 125-9078    | 2    | Clamp-Hose           |
| 120  | 98-7778     | 1    | Thermostat ASM       |
| 130  | 98-9471     | 1    | Cover-Thermostat     |
| 140  | 105-3748    | 1    | Gasket-Thermostat    |
| 150  | 98-7777     | 2    | Bolt                 |



## Water Pump Assembly

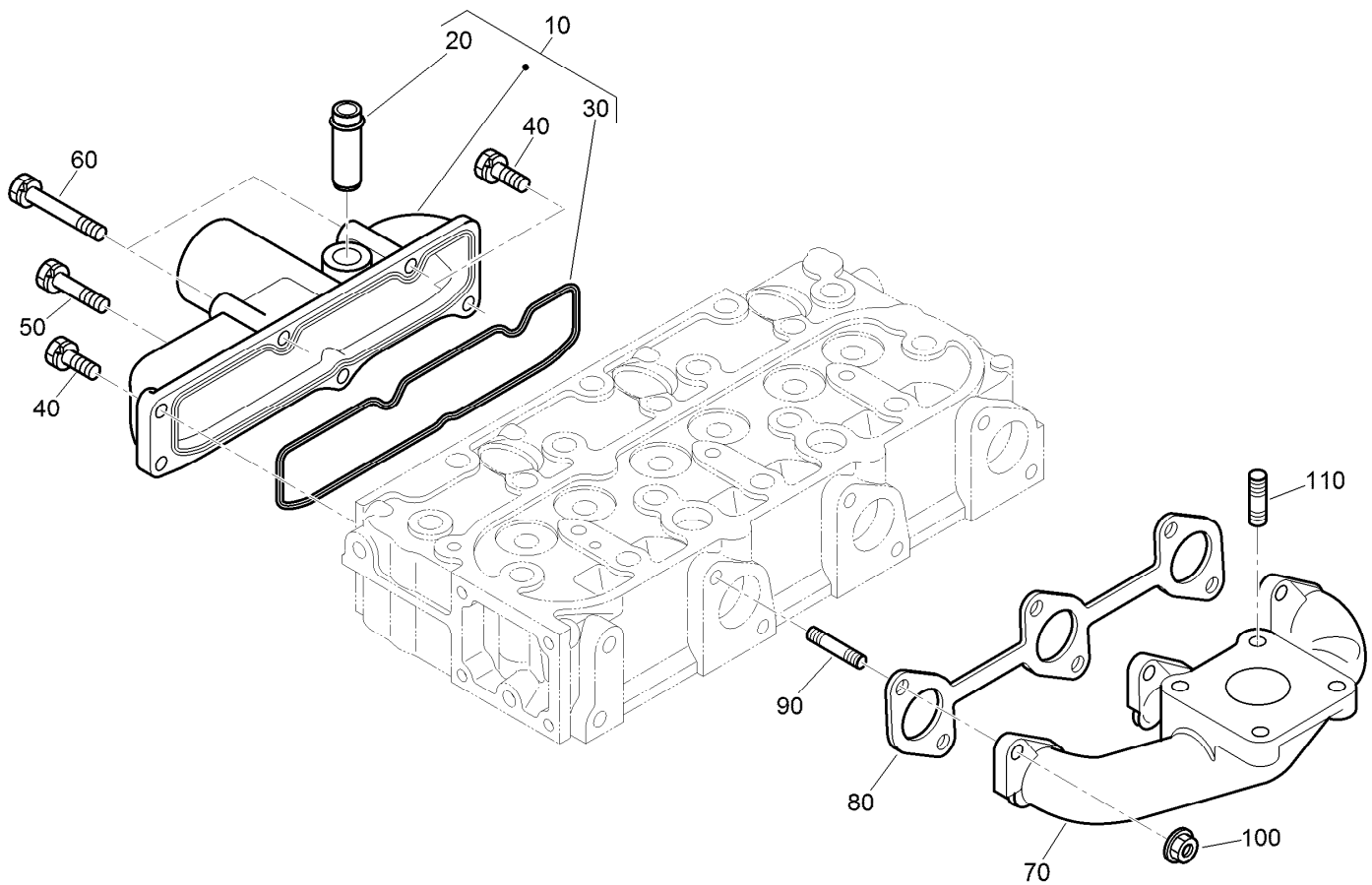
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 10   | 107-9089    | 1    | Water Pump ASM       |
| 20   | 99-3516     | 1    | Flange-Pump, Water   |
| 40   | 105-3750    | 1    | Mechanical Seal ASM  |
| 50   | 112-7017    | 1    | Impeller-Pump,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



## Valve and Rocker Arm Assembly

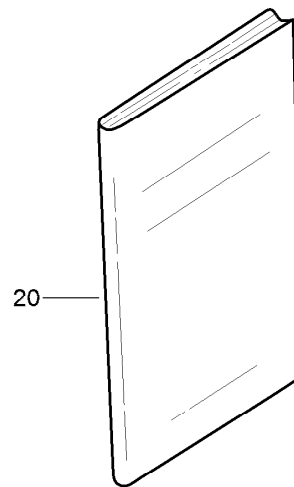
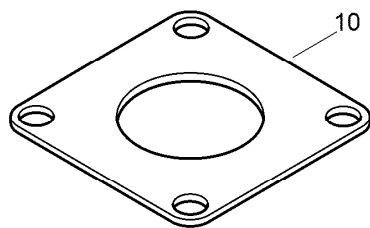
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 10   | 112-7018    | 3    | Valve-Inlet          |
| 20   | 120-2564    | 3    | Valve-Exhaust        |
| 30   | 98-9648     | 6    | Spring-Valve         |
| 40   | 107-9092    | 6    | Retainer-Spring      |
| 50   | 117-7572    | 6    | Collet-Spring, Valve |
| 60   | 99-8385     | 6    | Seal-Stem, Valve     |
| 70   | 98-9497     | 6    | Cap-Valve            |
| 80   | 130-1248    | 1    | Shaft-Arm, Rocker    |
| 90   | 99-8363     | 2    | Bolt-Flange          |
| 100  | 98-9505     | 3    | Bracket-Arm, Rocker  |

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



## Inlet and Exhaust Manifold Assembly

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 10   | 108-6577    | 1    | Inlet Manifold ASM       |
| 20   | 98-9492     | 1    | Joint-Pipe, Breather     |
| 30   | 98-9609     | 1    | Gasket-Manifold, Inlet   |
| 40   | 127-0403    | 3    | Bolt-Flange              |
| 50   | 98-9353     | 1    | Bolt                     |
| 60   | 125-9063    | 2    | Bolt-Sems                |
| 70   | 107-9093    | 1    | Manifold-Exhaust         |
| 80   | 99-8327     | 1    | Gasket-Manifold, Exhaust |
| 90   | 98-9588     | 6    | Stud                     |
| 100  | 98-9665     | 6    | Nut                      |
| 110  | 98-7769     | 4    | Stud                     |



## Miscellaneous Engine Parts

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 10          | 99-8343            | 1           | Gasket-Muffler     |
| 20          | 130-1543           | 1           | Manual-Operator    |

# Attachments and Accessories

## For 03674 Reelmaster 5010-H Traction Unit

| Product Name                                                                                              | Model/Part  |
|-----------------------------------------------------------------------------------------------------------|-------------|
| 2 Post ROPS Extension Kit.....                                                                            | 03611       |
| Operator Golf Ball Guard, Reelmaster 3100/3500/5010 or Groundsmaster 3500/4300 Series Traction Unit ..... | 03614       |
| DPA Cutting Unit with 5in Reel Finishing Kit.....                                                         | 03628       |
| DPA Cutting Unit with 7in Reel Finishing Kit.....                                                         | 03629       |
| 8-Blade Radial Reel DPA Cutting Unit with 7in Reel.....                                                   | 03638       |
| 8-Blade Forward Swept Reel DPA Cutting Unit with 7in Reel .....                                           | 03639       |
| 11-Blade Forward Swept Reel DPA Cutting Unit with 7in Reel .....                                          | 03641       |
| CrossTrax All-Wheel Drive Kit .....                                                                       | 03655       |
| CrossTrax All-Wheel Drive Finishing Kit .....                                                             | 03656       |
| Air Ride Seat Suspension Kit.....                                                                         | 03667       |
| Turf Evaluator .....                                                                                      | 04399       |
| Wheel Weight Kit .....                                                                                    | 104-1478    |
| Premium All Purpose Grease (Tube) .....                                                                   | 108-1190    |
| Weight Plate .....                                                                                        | 110-8985-03 |
| Rear Lift Cylinder Limit Kit .....                                                                        | 110-9604    |
| 5in Air Cleaner Safety Element.....                                                                       | 114-4057    |
| Premium Synthetic Bio-Degradable Hydraulic Fluid (5 Gallon Pail) .....                                    | 119-2157    |
| Premium Synthetic Bio-Degradable Hydraulic Fluid (55 Gallon Drum).....                                    | 119-2158    |
| Premium Engine Oil 10w30 (55 Gallon Drum) .....                                                           | 121-6392    |
| Premium Engine Oil 10w30 (5 Gallon Pail) .....                                                            | 121-6393    |
| Smooth Rear Tire .....                                                                                    | 127-2796    |
| Hi-Back Seat Cover .....                                                                                  | 133-1308    |
| Smooth Front Tire .....                                                                                   | 133-2940    |
| PX Hydraulic Fluid (5 Gal) .....                                                                          | 133-8086    |
| PX Hydraulic Fluid (55 Gal).....                                                                          | 133-8087    |
| Pin and Lanyard Asm .....                                                                                 | 136-8045    |
| Brush and Handle Kit.....                                                                                 | 29-9100     |
| White Universal Sunshade .....                                                                            | 30669       |
| Red Universal Sunshade .....                                                                              | 30671       |
| EU Light Kit.....                                                                                         | 31579       |
| Axle Tube Assembly .....                                                                                  | 44966       |
| Spark Arrestor .....                                                                                      | 98-9099     |



**Count on it.**