



**Count on it.**

# Parts Catalog

## **Groundsmaster® 4300-D Traction Unit**

Model No. 30864—Serial No. 404900001 and Up



# Ordering Replacement Parts

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

## Understanding Reference Numbers

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

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

## Service Assembly Reference Numbers

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

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

## Reference Numbers Indicating Quantity

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

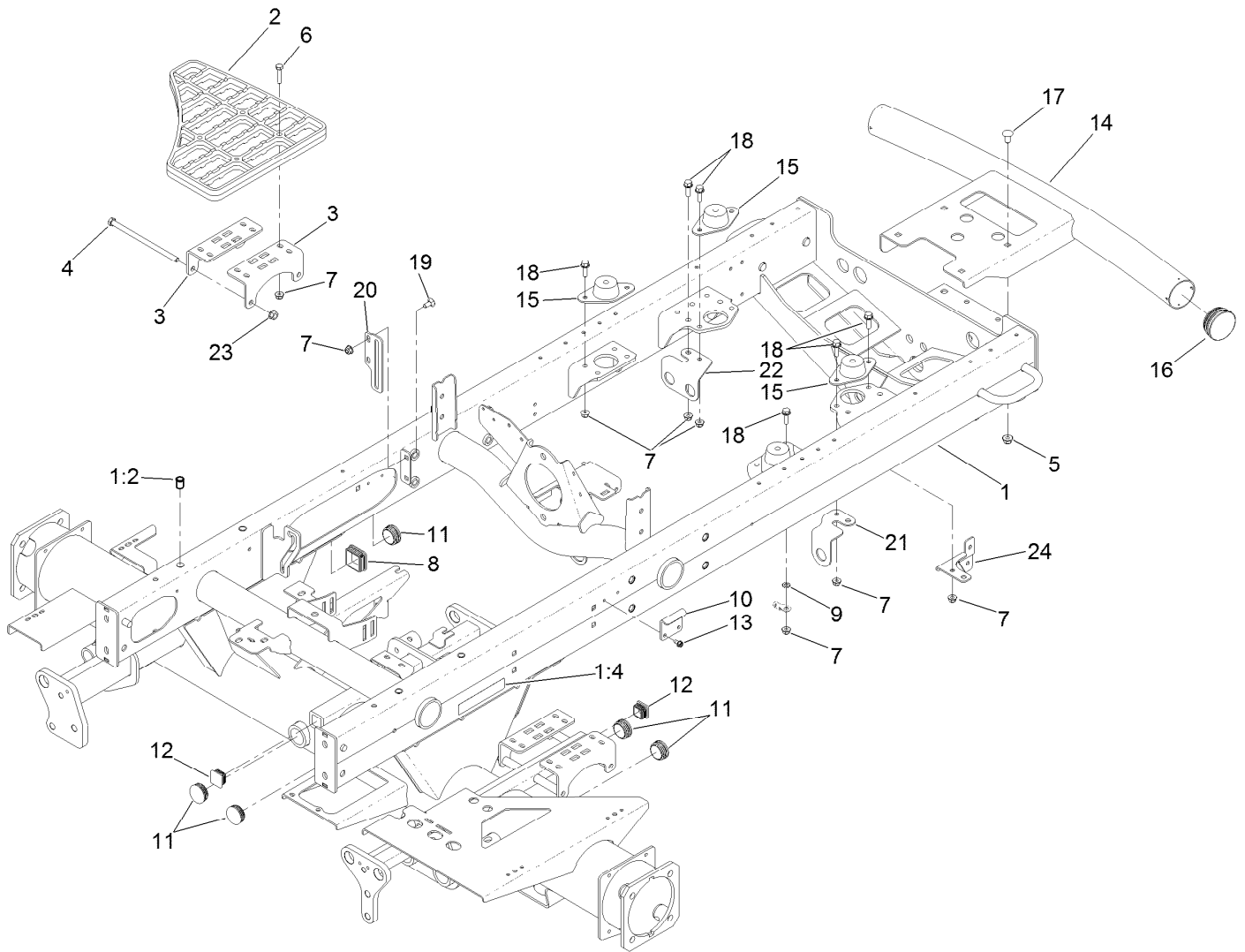
For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

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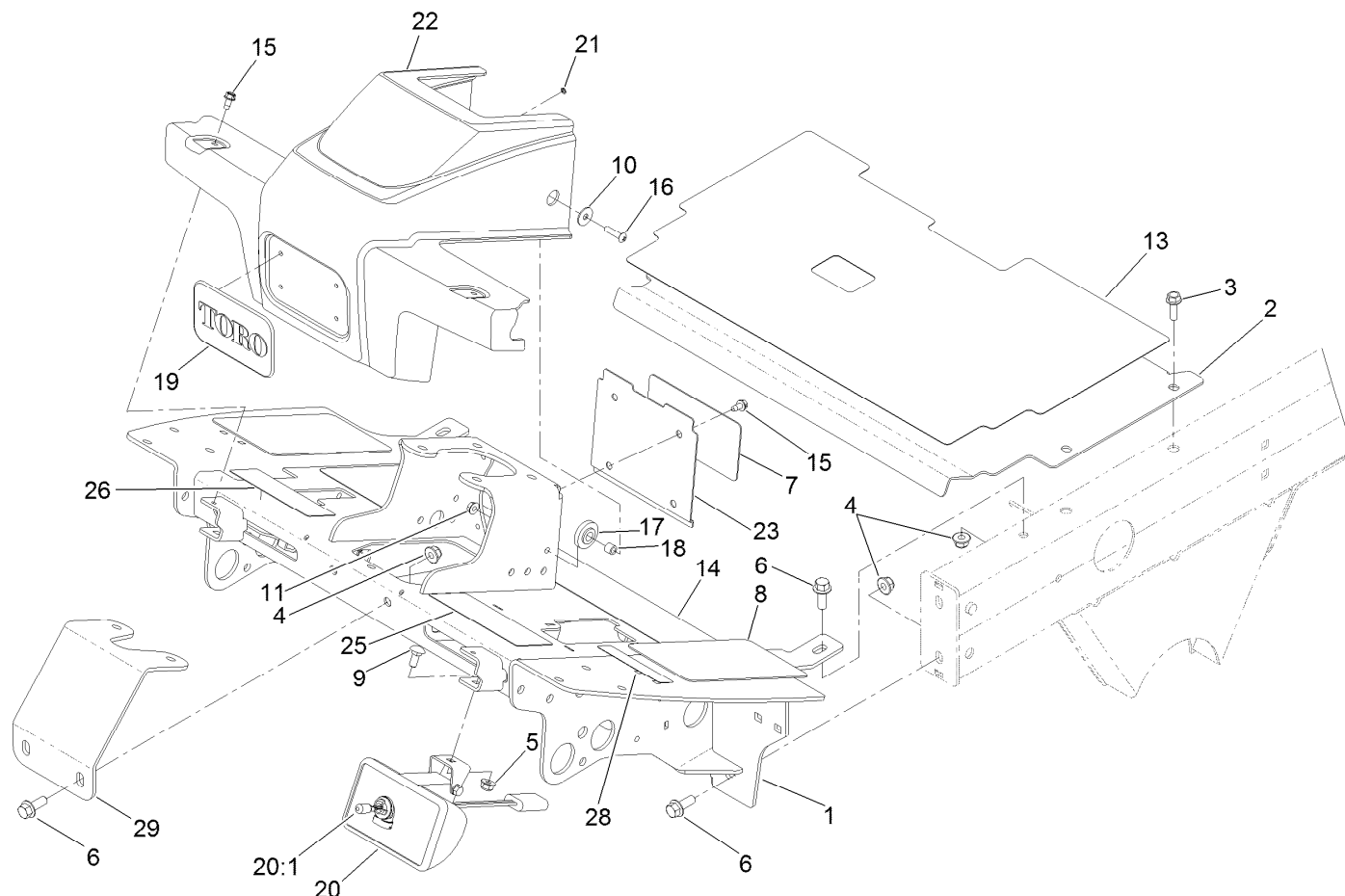
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## Frame Assembly

| Ref. | Part Number | Qty. | Description     |
|------|-------------|------|-----------------|
| 1    | 120-3809    | 1    | Frame ASM       |
| 1:2  | 32148-7     | 4    | Nut-Clinch      |
| 1:4  | 93-6689     | 2    | Decal-No Riders |
| 2    | 110-9041    | 2    | Step-Aluminum   |
| 3    | 127-2697-01 | 4    | Bracket-Step    |
| 4    | 323-36      | 4    | Screw-HH        |
| 5    | 104-8301    | 4    | Nut-HF, NI      |
| 6    | 322-17      | 8    | Screw-HH        |
| 7    | 104-8300    | 20   | Nut-HF, NI      |
| 8    | 95-9495     | 1    | Cap             |
| 9    | 3255-8      | 1    | Washer-Lock     |
| 10   | 110-8972    | 1    | Hook-Latch      |
| 11   | 110-9012    | 5    | Caplug          |

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 12   | 110-9013    | 2    | Caplug              |
| 13   | 32104-17    | 2    | Screw-HWH           |
| 14   | 110-8951-03 | 1    | Bumper              |
| 15   | 120-6274    | 4    | Mount-Engine        |
| 16   | 2410-42     | 2    | Cap-End             |
| 17   | 3231-21     | 4    | Screw-CARR          |
| 18   | 3234-29     | 10   | Screw-HHF           |
| 19   | 3230-1      | 2    | Bolt-CARR           |
| 20   | 108-7584-01 | 1    | Plate-Guide, Rod    |
| 21   | 117-0155    | 1    | Bracket-4Wd, LH     |
| 22   | 117-0154    | 1    | Bracket-4Wd, RH     |
| 23   | 32128-21    | 4    | Nut-HF Lock         |
| 24   | 133-2985-01 | 1    | Bracket-Clamp, Tube |



Items 20:2, 20:3 and 20:4  
not used on this model

## Operator Platform 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            |
| 16   | 106-9518    | 2    | Screw-PRH            |

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 17   | 240-11      | 2    | Bushing-Flange        |
| 18   | 66-8010     | 2    | Spacer                |
| 19   | 93-6028     | 1    | Plate-Logo            |
| 20   | 94-9024     | 2    | Lamp ASM              |
| 20:1 | 95-0909     | 1    | Lamp-12 Volt          |
| 20:2 | 3230-28     | 1    | Screw-CARR            |
| 20:3 | 3253-33     | 1    | Washer-Lock           |
| 20:4 | 3217-6      | 1    | Nut-Hex               |
| 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          |
| 26   | 110-8921    | 1    | Decal-Speed, Mow      |
| 28   | 133-8062    | 1    | Decal-Arrestor, Spark |
| 29   | 110-8876-01 | 1    | Brace-Column          |



## 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   | 127-2721    | 1    | Cable-Traction        |
| 11:1 | 3220-1      | 2    | Nut-Jam               |
| 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  |

| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 20:1 | 117-3207    | 2    | Nut-Hex                     |
| 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                  |



## Pedal Assembly (continued)

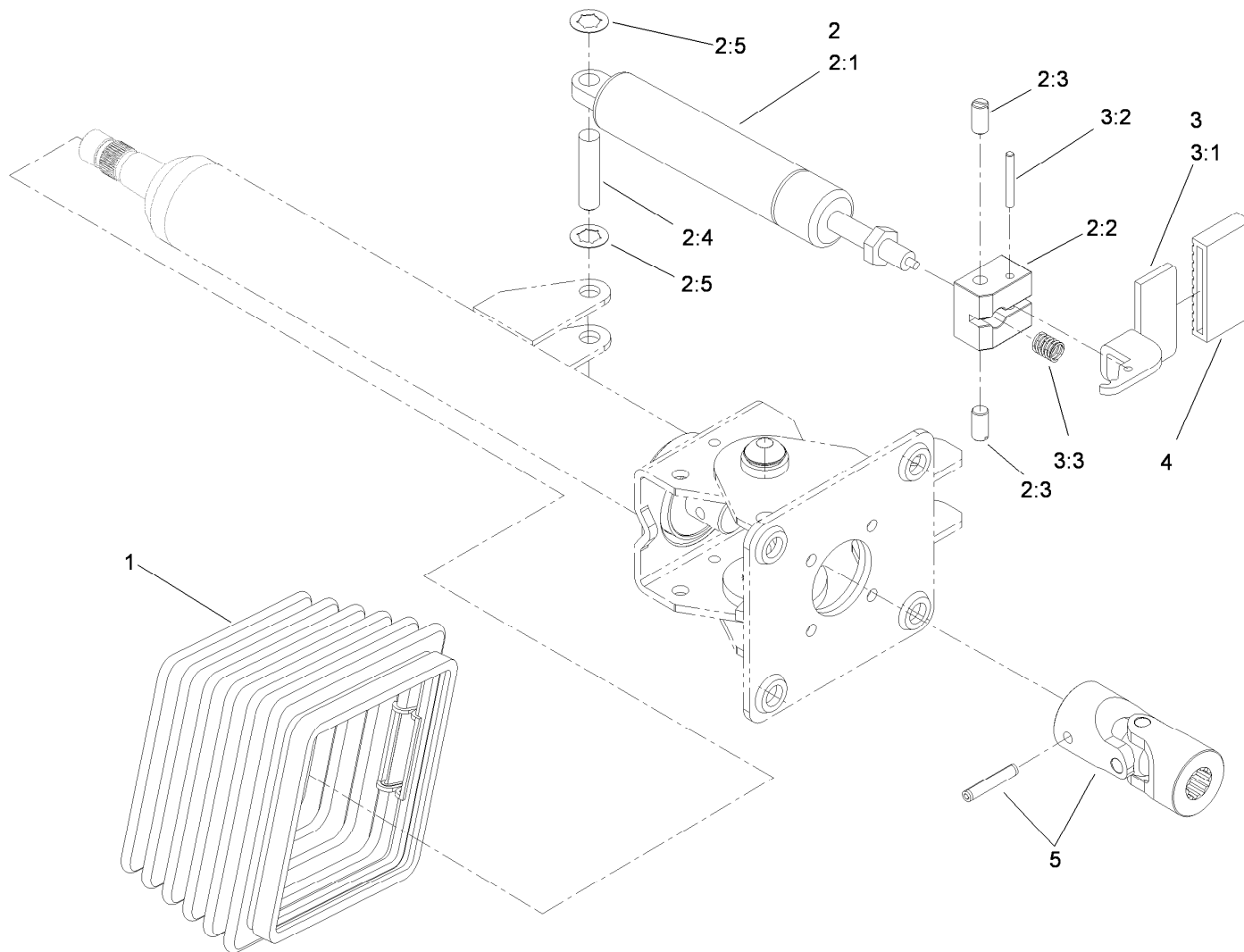
| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 38   | 104-8301    | 1    | Nut-HF, NI             |
| 39   | 99-7214     | 1    | Pawl-Brake             |
| 40   | 99-7140     | 1    | Spring-Torsion         |
| 41   | 52-2891     | 2    | 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  |

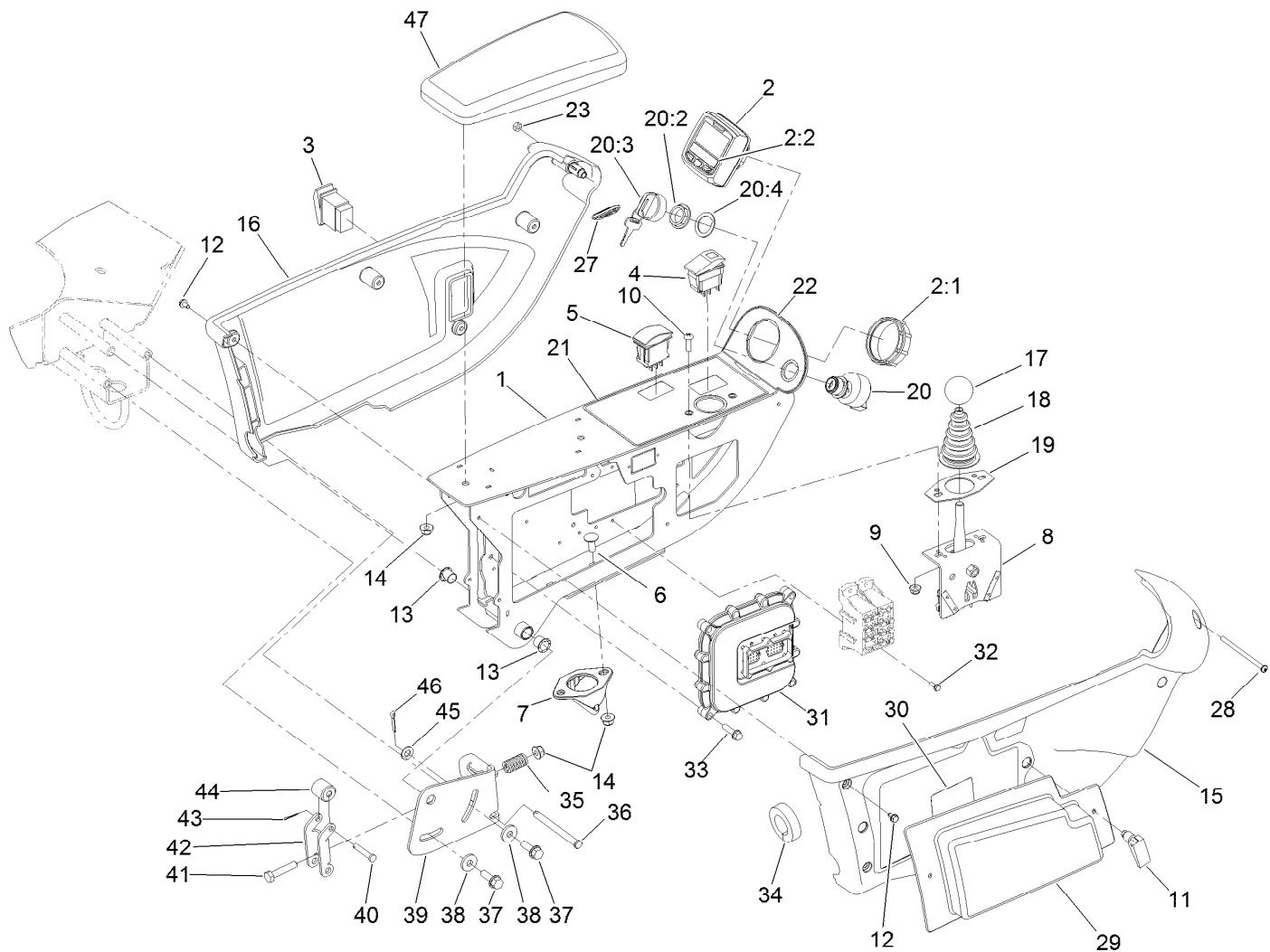
● Not serviced separately



## 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 ●          |

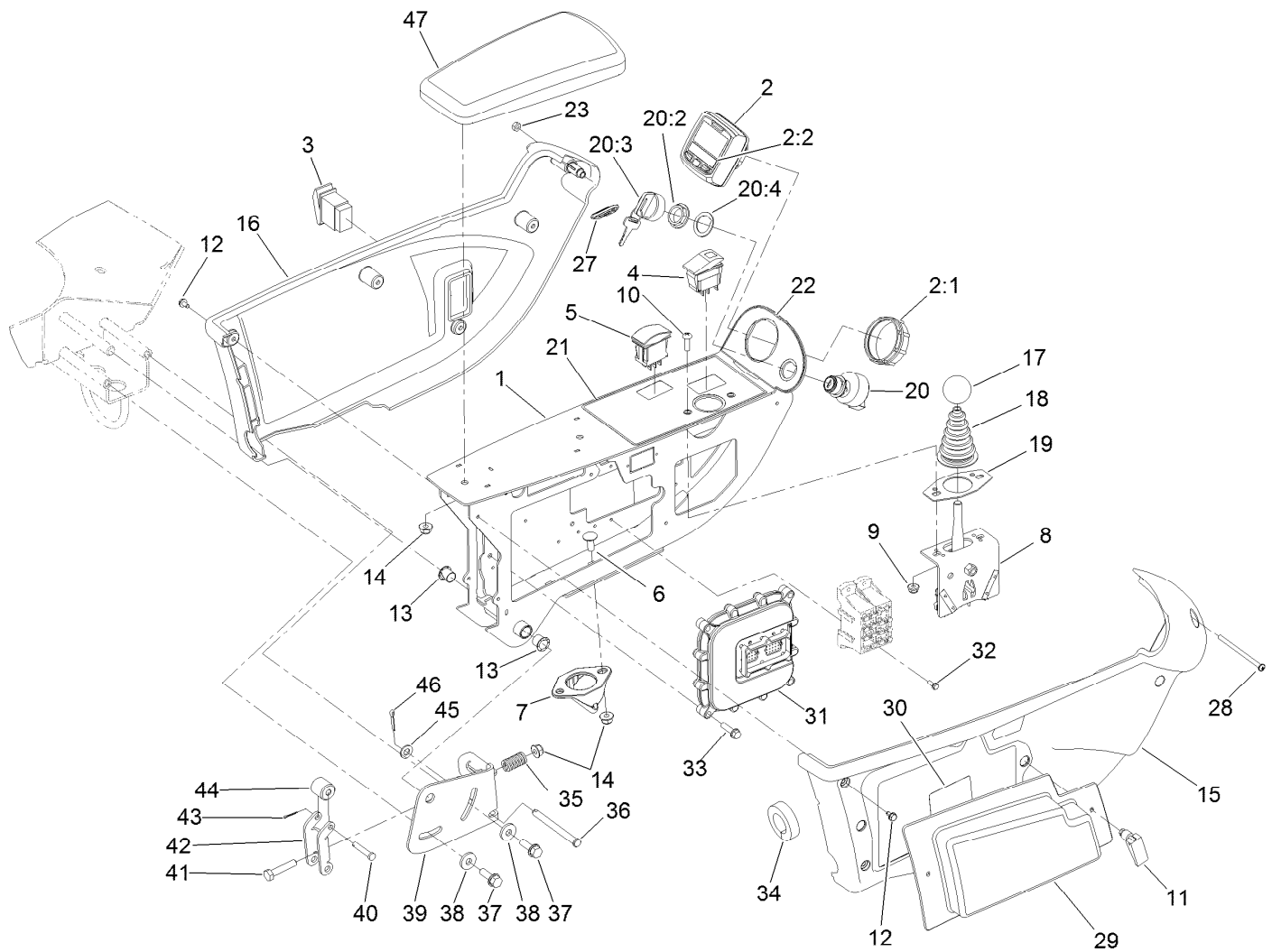
● Not serviced separately



## 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    | 100-1535    | 1    | Switch-Rocker, (On)-Off-(On) |
| 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                   |

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 19   | 112-9181    | 1    | Plate-Boot           |
| 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   | 32144-86    | 4    | Screw-HWHTF          |
| 34   | 110-8912    | 1    | Seal-Foam            |
| 35   | 110-5331    | 1    | Spring-Compression   |
| 36   | 283-88      | 1    | Pin-Clevis           |
| 37   | 3234-29     | 2    | Screw-HHF            |
| 38   | 4-2390      | 2    | Washer-Flat          |
| 39   | 110-5313-03 | 1    | Bracket-Retainer     |



## Control Arm Assembly (continued)

| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------|
| 40   | 283-73      | 1    | Pin-Clevis  |
| 41   | 322-7       | 1    | Screw-HH    |
| 42   | 110-5314    | 1    | Latch       |
| 43   | 3272-1      | 1    | Pin-Cotter  |

| Ref. | Part Number | Qty. | Description  |
|------|-------------|------|--------------|
| 44   | 110-8856    | 1    | Spacer       |
| 45   | 3256-23     | 1    | Washer-Plain |
| 46   | 3272-10     | 1    | Pin-Cotter   |
| 47   | 108-7602    | 1    | Rest-Arm     |



## Joystick Bracket Assembly No. 120-5280

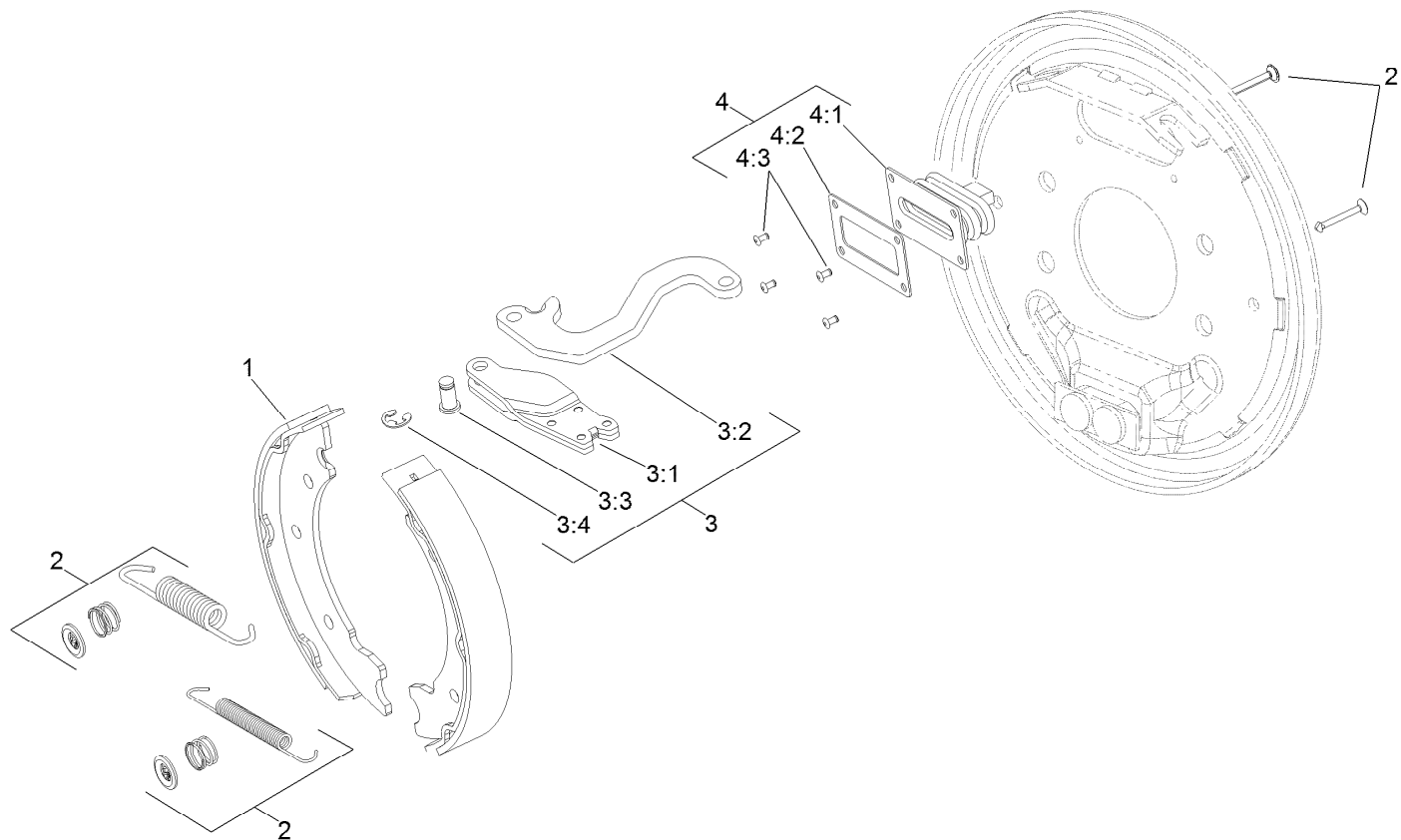
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 115-5357-03 | 1    | Bracket-Joystick      |
| 2    | 106-4192    | 1    | Spacer                |
| 3    | 93-5547     | 2    | Bushing-Nylon         |
| 4    | 119-3540    | 1    | Hub-Pivot, 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    | 136-7963    | 2    | Tire ASM      |
| 3:1  | 117-5196    | 1    | Tire          |
| 3:2  | 136-7964    | 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 ●            |

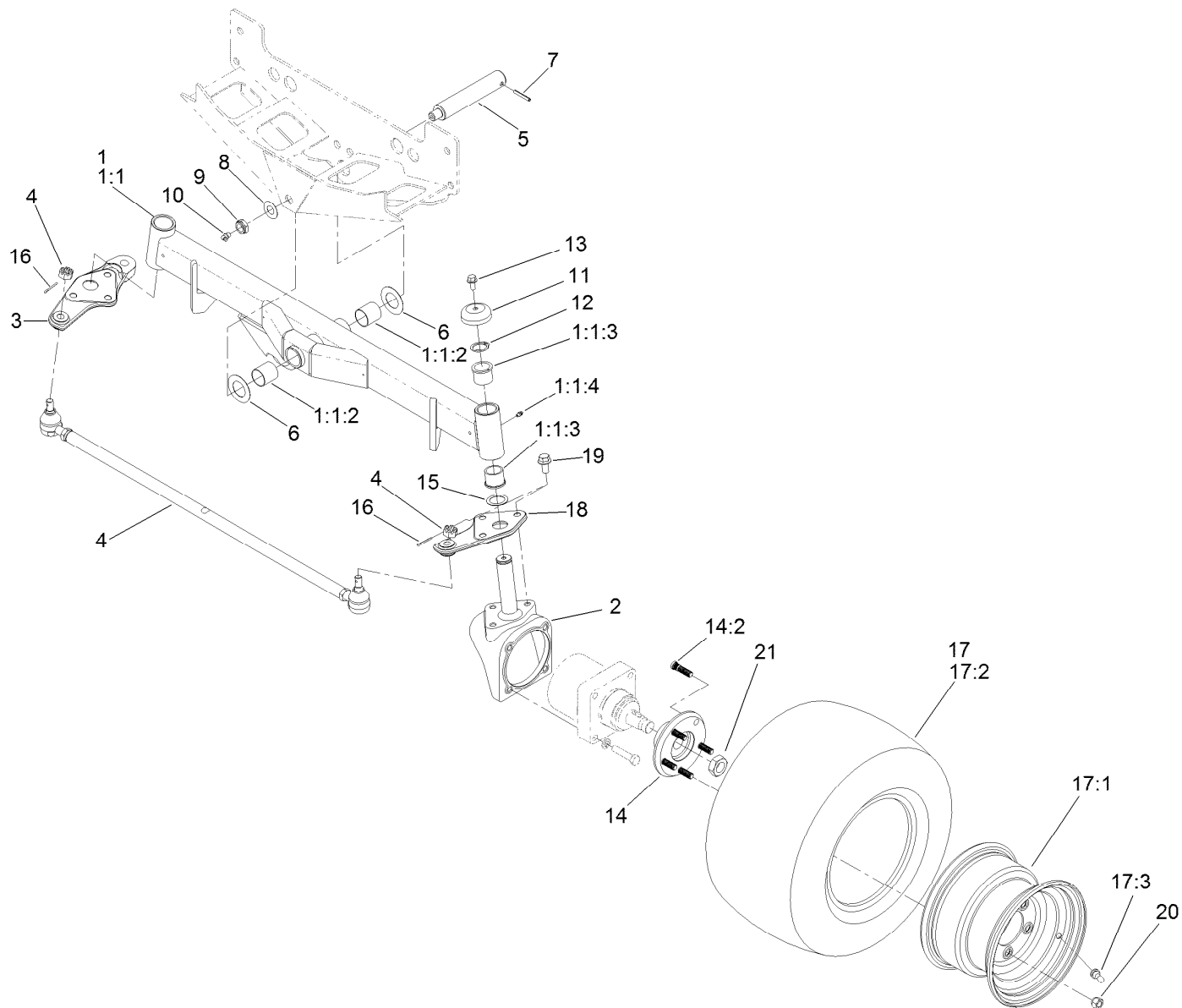
● Not serviced separately



## 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     | 117-0256-03 | 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    |
| 10    | 302-33      | 1    | Fitting-Grease  |
| 11    | 69-8890     | 2    | Cap-Spindle     |

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 12   | 32151-77    | 2    | Ring-Retaining, External |
| 13   | 3234-1      | 2    | Screw-HHF                |
| 14   | 121-5633    | 2    | Hub ASM                  |
| 14:2 | 114-3918    | 5    | Stud-Wheel               |
| 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      | 6    | Screw-HHF                |
| 20   | 242-50      | 10   | Nut-Lug                  |
| 21   | 26-3790     | 2    | Nut-Lock                 |

● Not serviced separately

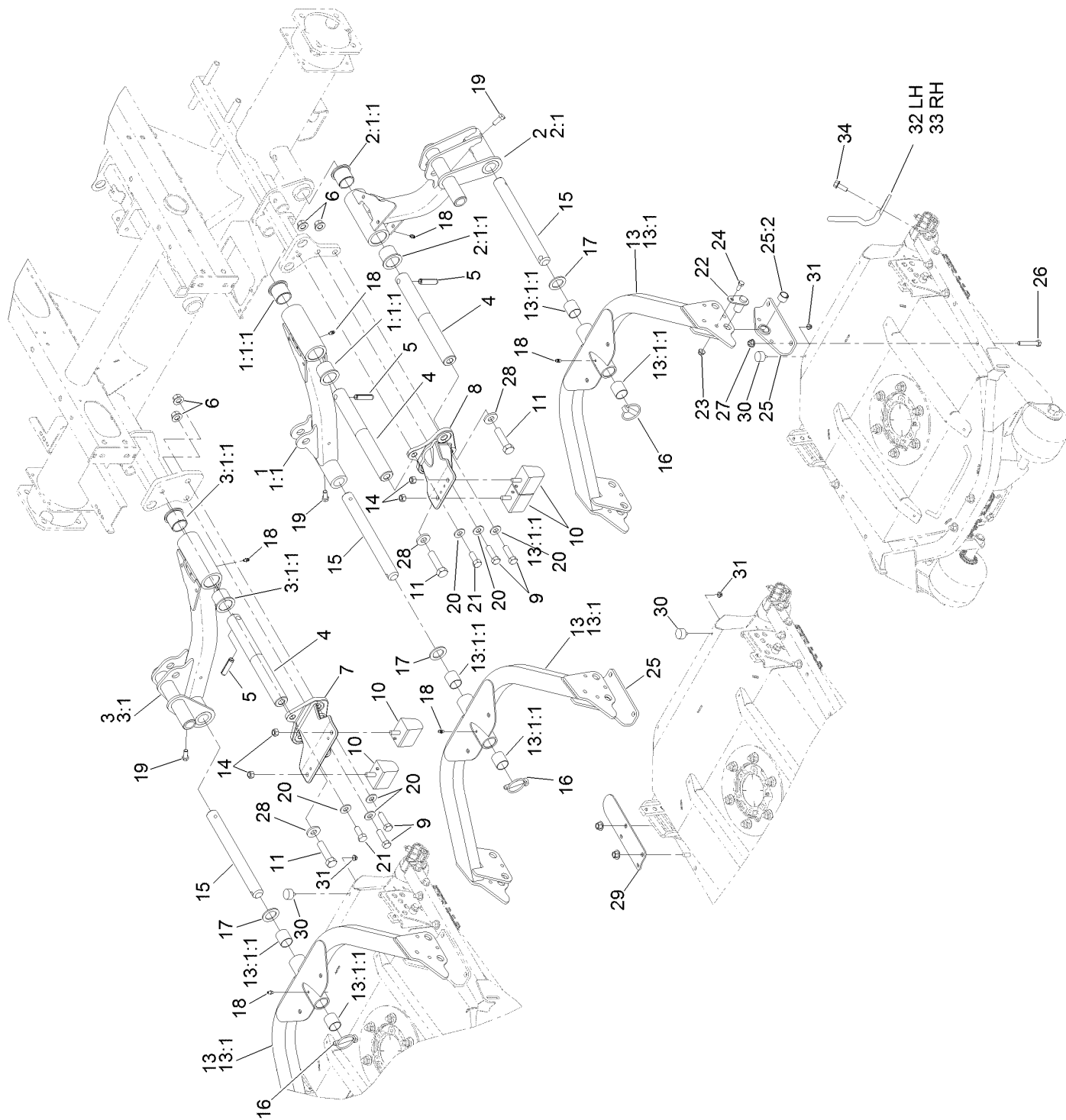


## Tie Rod Assembly No. 110-5334-03

| 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

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

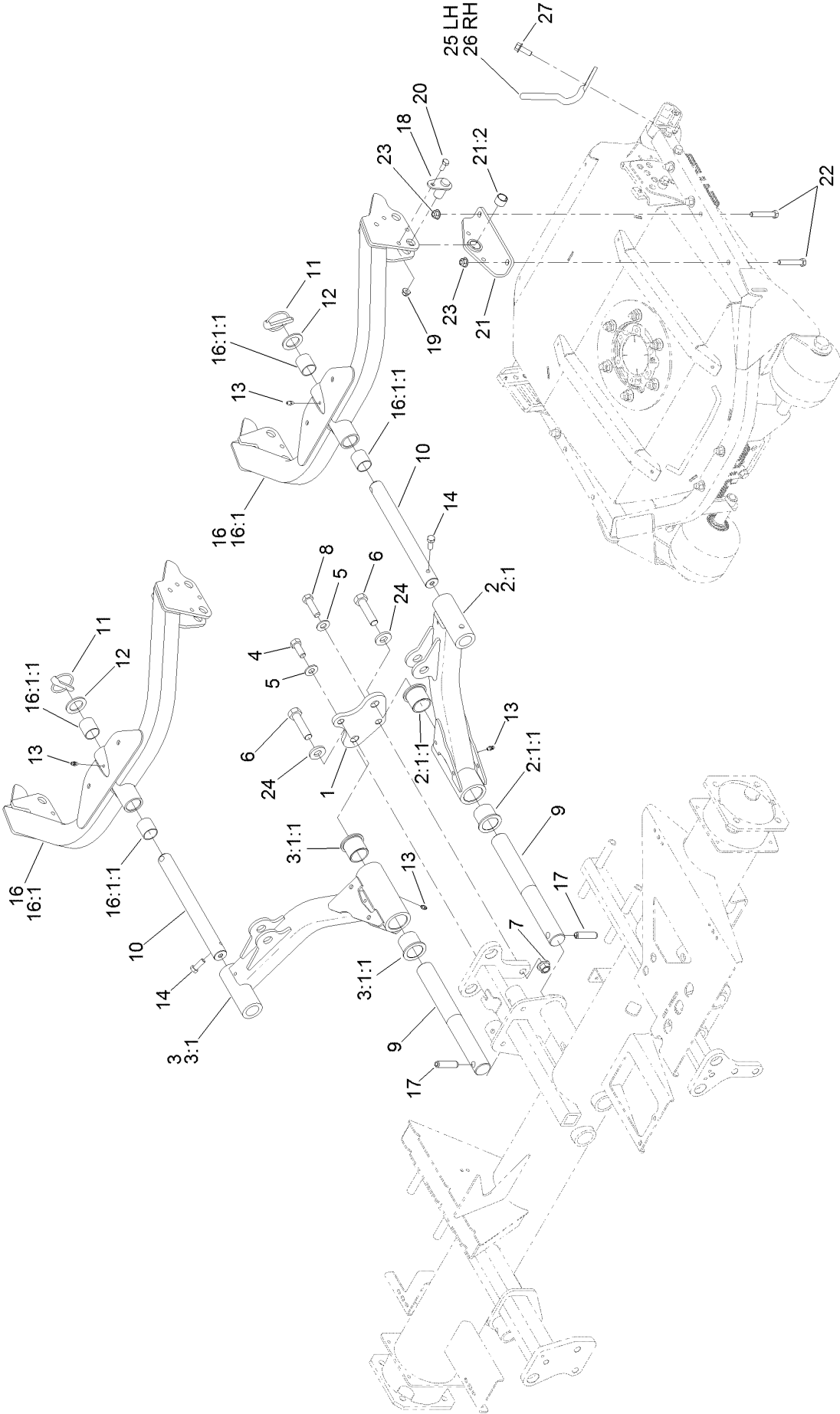


## No. 1, 4 and 5 Lift Arm and Deck Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>   | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>    |
|-------------|--------------------|-------------|----------------------|-------------|--------------------|-------------|-----------------------|
| 1           | 114-0381-03        | 1           | Arm No. 1 ASM        | 15          | 105-7560           | 3           | Shaft-Cu Pivot        |
| 1:1         |                    | 1           | Arm ●                | 16          | 283-71             | 3           | Pin-Lynch             |
| 1:1:1       | 69-6470            | 2           | Bushing-Caster       | 17          | 3-6781             | 3           | Washer-Thrust         |
| 2           | 114-0384-03        | 1           | Arm No. 4 ASM        | 18          | 302-5              | 6           | Fitting-Grease        |
| 2:1         |                    | 1           | Arm ●                | 19          | 323-6              | 3           | Screw-HH              |
| 2:1:1       | 69-6470            | 2           | Bushing-Caster       | 20          | 87-7270            | 6           | Washer-Thrust         |
| 3           | 114-0385-03        | 1           | Arm No. 5 ASM        | 21          | 325-5              | 2           | Screw-HH              |
| 3:1         |                    | 1           | Arm ●                | 22          | 117-0132           | 6           | Pin                   |
| 3:1:1       | 69-6470            | 2           | Bushing-Caster       | 23          | 104-8300           | 6           | Nut-HF, NI            |
| 4           | 117-0208           | 3           | Shaft-Pivot, Liftarm | 24          | 322-3              | 6           | Screw-HH              |
| 5           | 32121-122          | 3           | Pin-Roll             | 25          | 117-0118           | 6           | Pivot ASM             |
| 6           | 99-5107            | 4           | Nut-Lock             | 25:2        | 108-8482           | 1           | Bushing-Sleeve        |
| 7           | 117-0250-03        | 1           | Tippe-RH             | 26          | 323-11             | 12          | Screw-HH              |
| 8           | 117-0252-03        | 1           | Tipper-LH            | 27          | 104-8301           | 12          | Nut-HF, NI            |
| 9           | 325-7              | 4           | Screw-HH             | 28          | 99-7667            | 3           | Washer-Flat           |
| 10          | 87-3470            | 4           | Bumper               | 29          | 105-9831-03        | 1           | Bracket-Bumper, No. 1 |
| 11          | 327-7              | 3           | Screw-HH             | 30          | 240-14             | 3           | Bumper-Rubber         |
| 13          | 108-7384-03        | 3           | Carrier Frame ASM    | 31          | 104-7201           | 3           | Nut-HF, NI            |
| 13:1        |                    | 1           | Frame-Carrier ●      | 32          | 127-2613-03        | 1           | Guard-Foot, LH        |
| 13:1:1      | 108-4000           | 2           | Bushing              | 33          | 127-2614-03        | 1           | Guard-Foot, RH        |
| 14          | 33025-00           | 4           | Nut-Lock, NI         | 34          | 3234-11            | 2           | Screw-HHF             |

● Not serviced separately

No. 2 and 3 Lift Arm and Deck Assembly

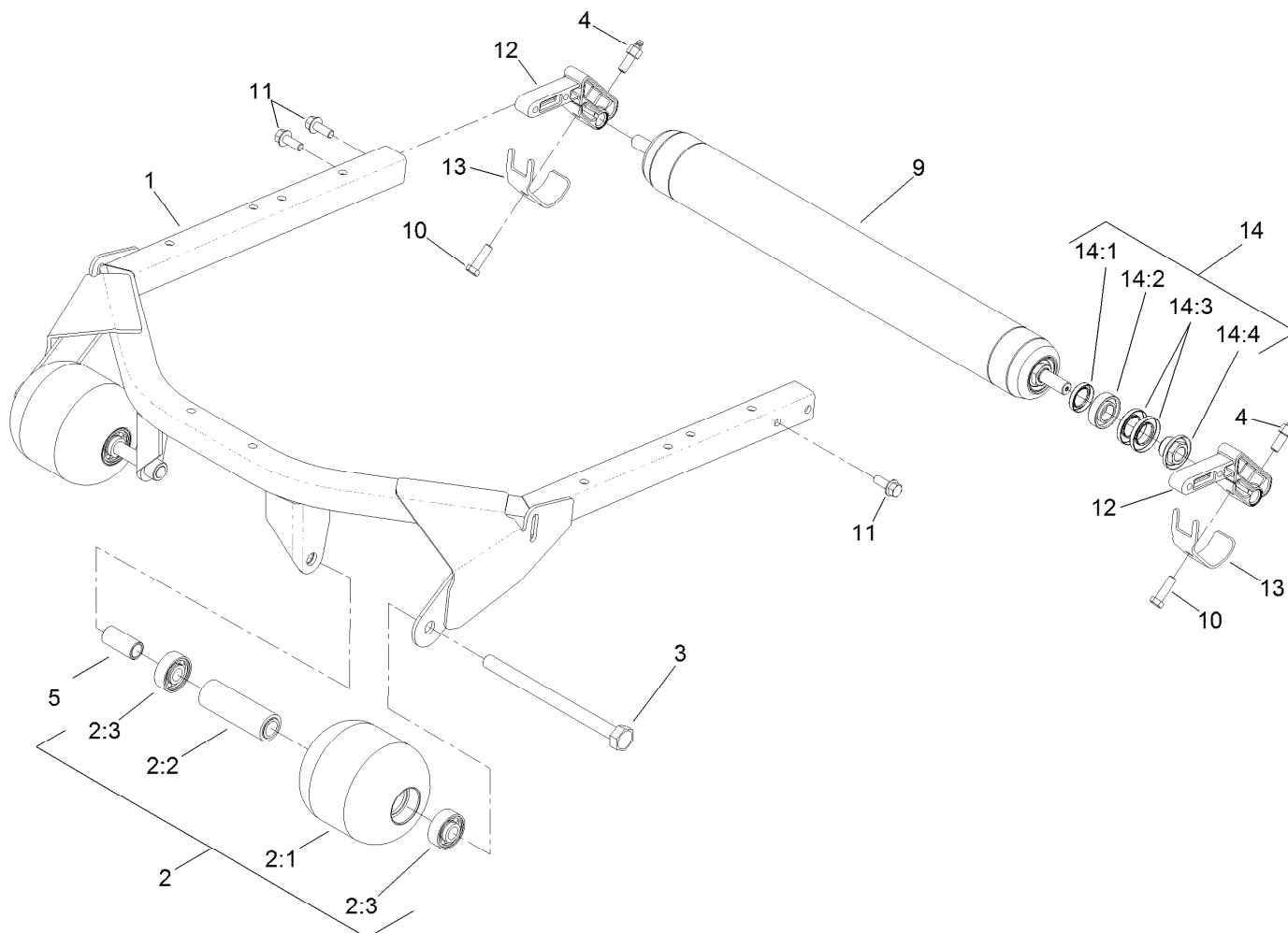


## No. 2 and 3 Lift Arm and Deck Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>        |
|-------------|--------------------|-------------|---------------------------|
| 1           | 114-0352-01        | 1           | Plate-Bridge, No. 2 And 3 |
| 2           | 114-0382-03        | 1           | Arm No. 2 ASM             |
| 2:1         |                    | 1           | Arm ●                     |
| 2:1:1       | 69-6470            | 2           | Bushing-Caster            |
| 3           | 114-0383-03        | 1           | Arm No. 3 ASM             |
| 3:1         |                    | 1           | Arm ●                     |
| 3:1:1       | 69-6470            | 2           | Bushing-Caster            |
| 4           | 325-5              | 1           | Screw-HH                  |
| 5           | 87-7270            | 2           | Washer-Thrust             |
| 6           | 327-7              | 2           | Screw-HH                  |
| 7           | 99-5107            | 1           | Nut-Lock                  |
| 8           | 325-7              | 1           | Screw-HH                  |
| 9           | 117-0208           | 2           | Shaft-Pivot, Liftarm      |
| 10          | 105-7560           | 2           | Shaft-Cu Pivot            |
| 11          | 283-71             | 2           | Pin-Lynch                 |
| 12          | 3-6781             | 2           | Washer-Thrust             |
| 13          | 302-5              | 4           | Fitting-Grease            |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 14          | 323-6              | 2           | Screw-HH           |
| 16          | 108-7384-03        | 2           | Carrier Frame ASM  |
| 16:1        |                    | 1           | Frame-Carrier ●    |
| 16:1:1      | 108-4000           | 2           | Bushing            |
| 17          | 32121-122          | 2           | Pin-Roll           |
| 18          | 117-0132           | 4           | Pin                |
| 19          | 104-8300           | 4           | Nut-HF, NI         |
| 20          | 322-3              | 4           | Screw-HH           |
| 21          | 117-0118           | 4           | Pivot ASM          |
| 21:2        | 108-8482           | 1           | Bushing-Sleeve     |
| 22          | 323-11             | 8           | Screw-HH           |
| 23          | 104-8301           | 8           | Nut-HF, NI         |
| 24          | 99-7667            | 2           | Washer-Flat        |
| 25          | 127-2613-03        | 1           | Guard-Foot, LH     |
| 26          | 127-2614-03        | 1           | Guard-Foot, RH     |
| 27          | 3234-11            | 2           | Screw-HHF          |

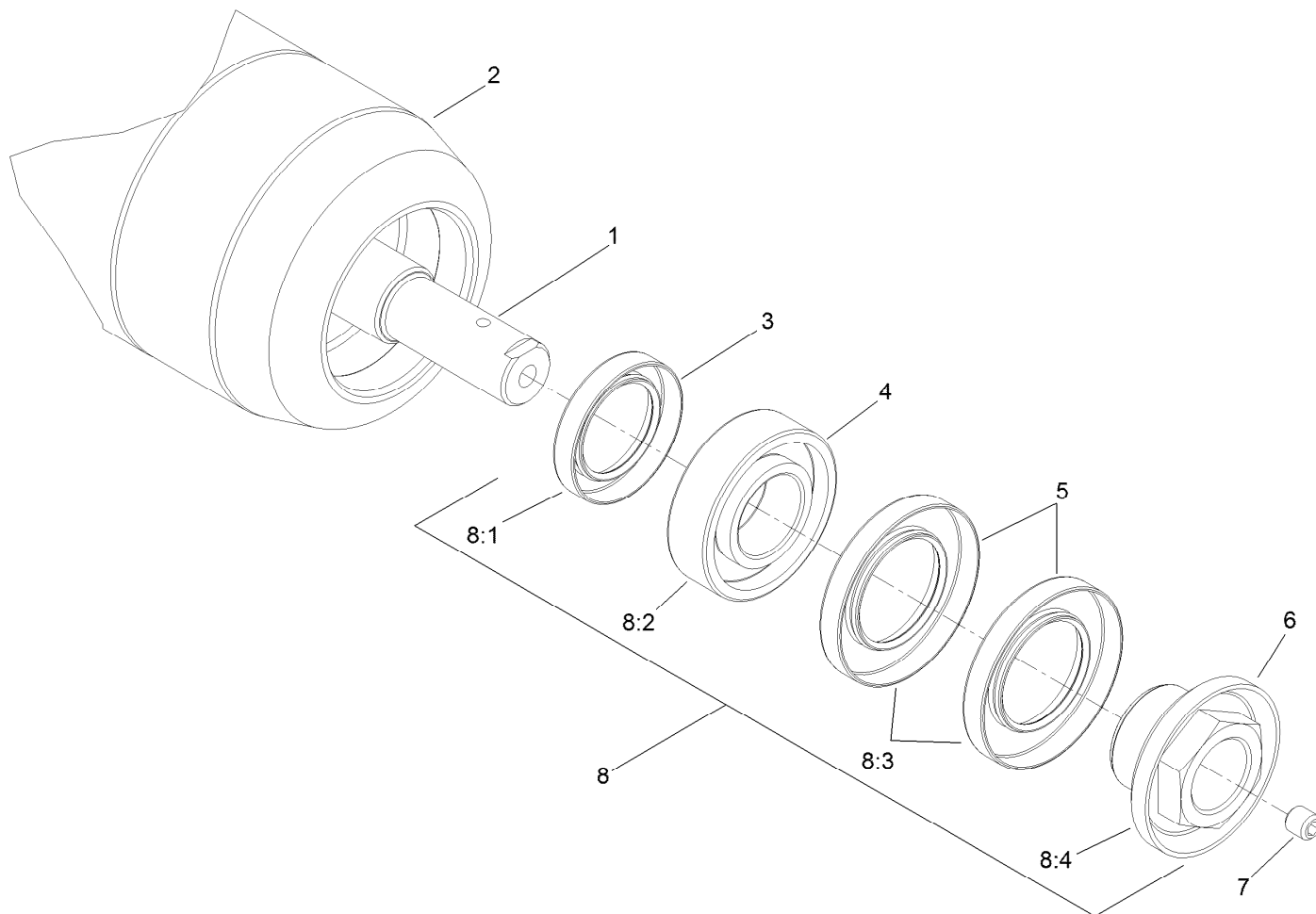
● Not serviced separately



## Roller and Carrier Frame Assembly

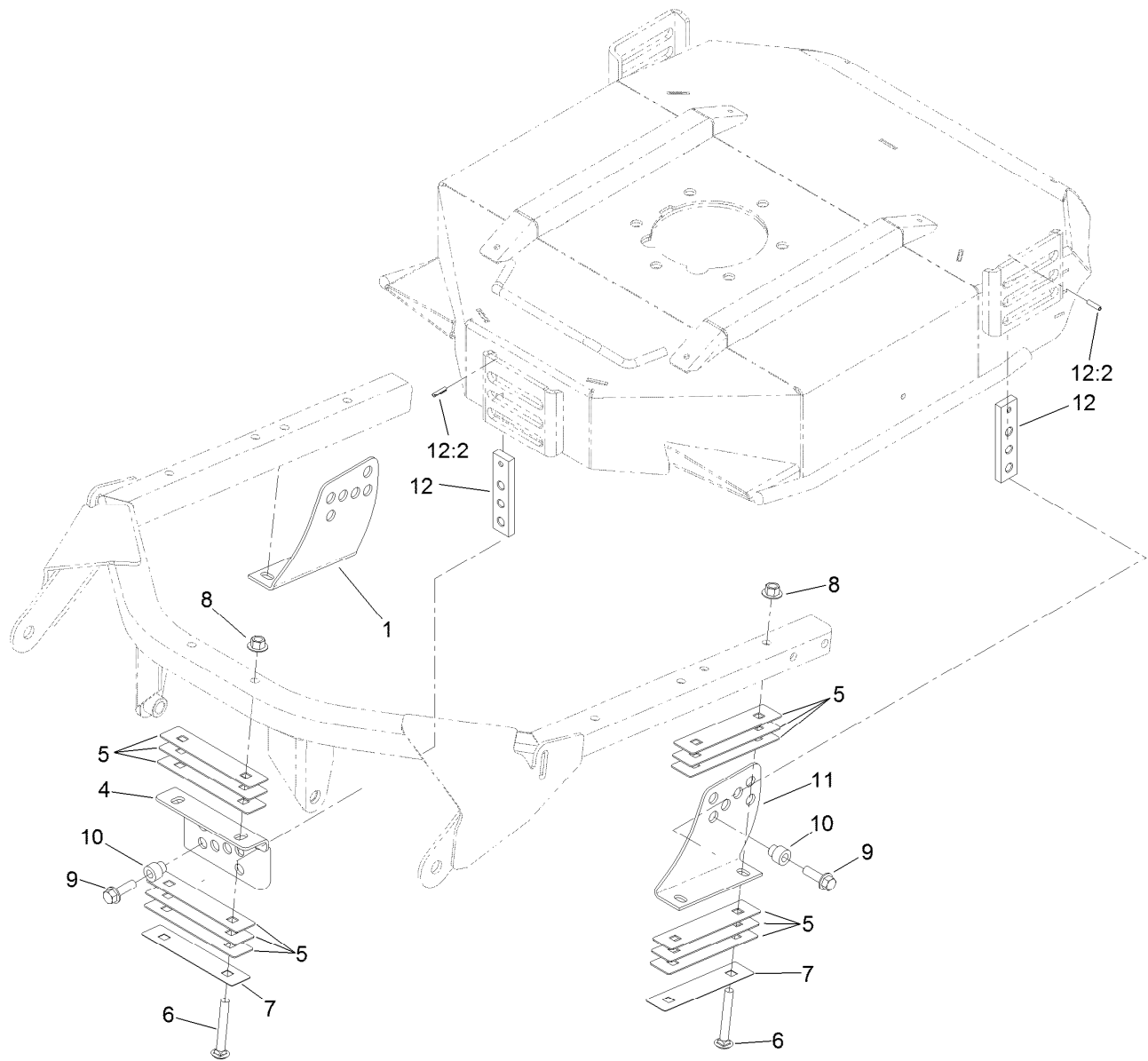
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 1    | 114-0440-03 | 1    | Support-Deck         |
| 2    | 136-2908    | 2    | Roller ASM           |
| 2:1  | 104-1093    | 1    | Roller               |
| 2:2  | 100-5762    | 1    | Spacer-Bearing       |
| 2:3  | 120-3366    | 2    | Bearing              |
| 3    | 117-0172    | 2    | Screw-HH             |
| 4    | 127-6422    | 2    | Screw-Grease, Roller |
| 5    | 136-7985    | 2    | Tube-Spacer          |
| 9    | 108-7387    | 1    | Roller ASM           |

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 10   | 323-7       | 2    | Screw-HH                 |
| 11   | 3234-11     | 4    | Screw-HHF                |
| 12   | 112-5268    | 2    | Mount-Roller             |
| 13   | 107-7816    | 2    | Bracket-Skid             |
| 14   | 114-5430    | 1    | Roller Rebuild Kit       |
| 14:1 | 114-3717    | 2    | Seal-Oil                 |
| 14:2 | 112-5290    | 2    | Bearing-Steel, Stainless |
| 14:3 | 112-7494    | 4    | Seal                     |
| 14:4 | 114-3745    | 2    | Nut-Lock, Bearing        |



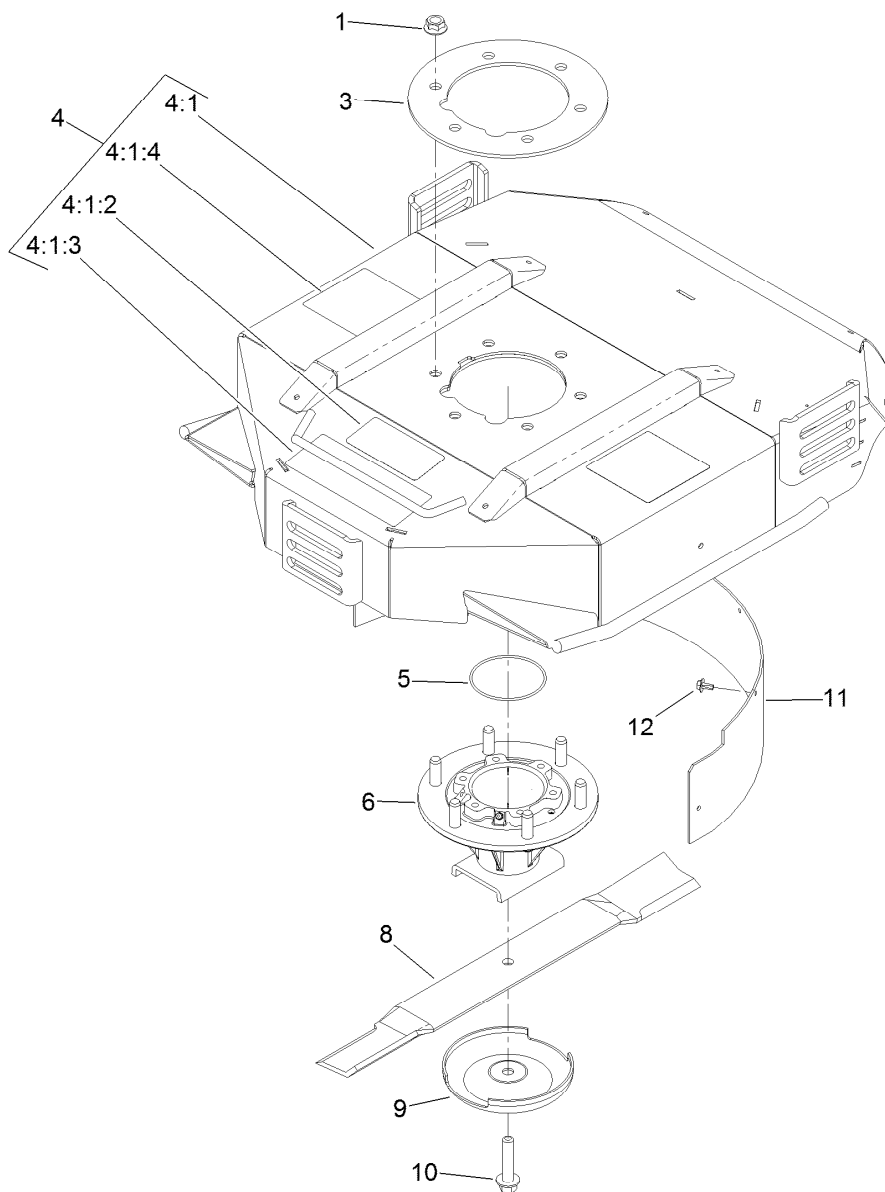
## Roller Assembly No. 108-7387

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 1    | 108-7388    | 1    | Shaft-Roller             |
| 2    | 108-7389-03 | 1    | Roller Tube ASM          |
| 3    | 114-3717    | 2    | Seal-Oil                 |
| 4    | 112-5290    | 2    | Bearing-Steel, Stainless |
| 5    | 112-7494    | 4    | Seal                     |
| 6    | 114-3745    | 2    | Nut-Lock, Bearing        |
| 7    | 108-0989    | 2    | Screw-Set                |
| 8    | 114-5430    | 1    | Roller Rebuild Kit       |
| 8:1  | 114-3717    | 2    | Seal-Oil                 |
| 8:2  | 112-5290    | 2    | Bearing-Steel, Stainless |
| 8:3  | 112-7494    | 4    | Seal                     |
| 8:4  | 114-3745    | 2    | Nut-Lock, Bearing        |



## Height-of-Cut Assembly

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 108-7391-03 | 1    | Bracket-HOC, RH     |
| 4    | 104-1052-03 | 1    | Bracket-HOC, Front  |
| 5    | 100-5799    | 18   | Shim-HOC, .060 Inch |
| 6    | 3231-9      | 6    | Screw-CARR          |
| 7    | 104-4641    | 3    | Shim-HOC, .030 Inch |
| 8    | 32128-43    | 6    | Nut-Flange          |
| 9    | 3234-24     | 3    | Screw-HHF           |
| 10   | 121-3575    | 3    | Spacer-HOC          |
| 11   | 108-7392-03 | 1    | Bracket-HOC, LH     |
| 12   | 136-2921    | 3    | HOC Plate ASM       |
| 12:2 | 32121-5     | 1    | Pin-Spring          |

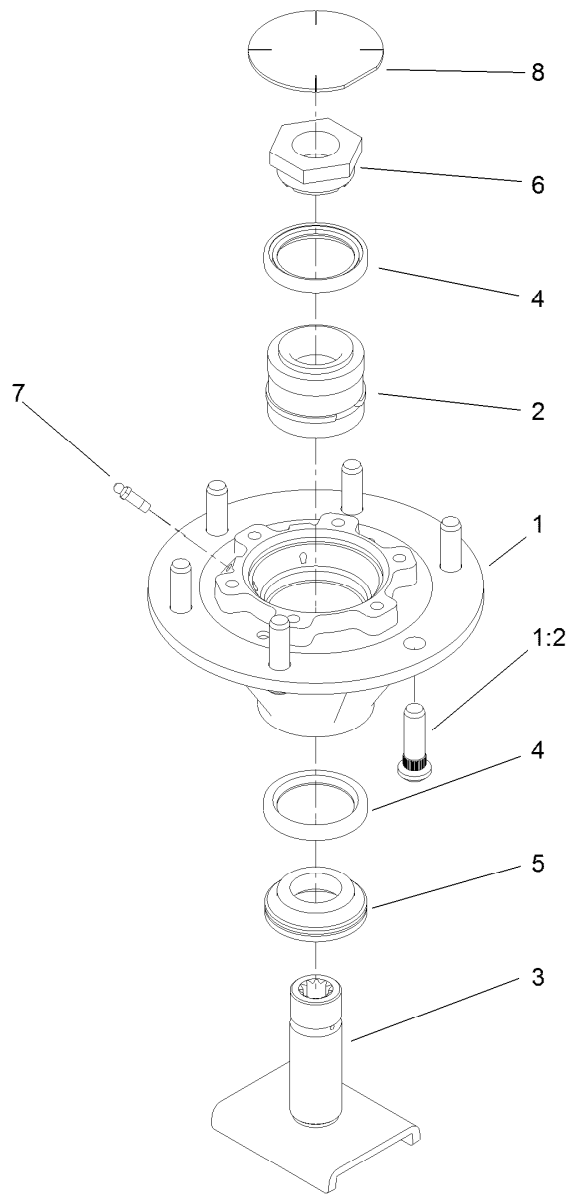


## Spindle, Blade and Chamber Assembly

| Ref.  | Part Number | Qty. | Description              |
|-------|-------------|------|--------------------------|
| 1     | 32128-39    | 6    | Nut-HHF                  |
| 3     | 104-1051-03 | 1    | Plate-Spindle            |
| 4     | 138-1227    | 1    | Deck Chamber ASM         |
| 4:1   |             | 1    | Chamber ASM ●            |
| 4:1:2 | 93-7818     | 1    | Decal-Torque, Blade Bolt |
| 4:1:3 | 121-3627    | 1    | Decal-Height Of Cut      |
| 4:1:4 | 117-4764    | 2    | Decal-Danger             |
| 5     | 237-161     | 1    | O-Ring                   |
| 6     | 138-6932    | 1    | Spindle ASM              |

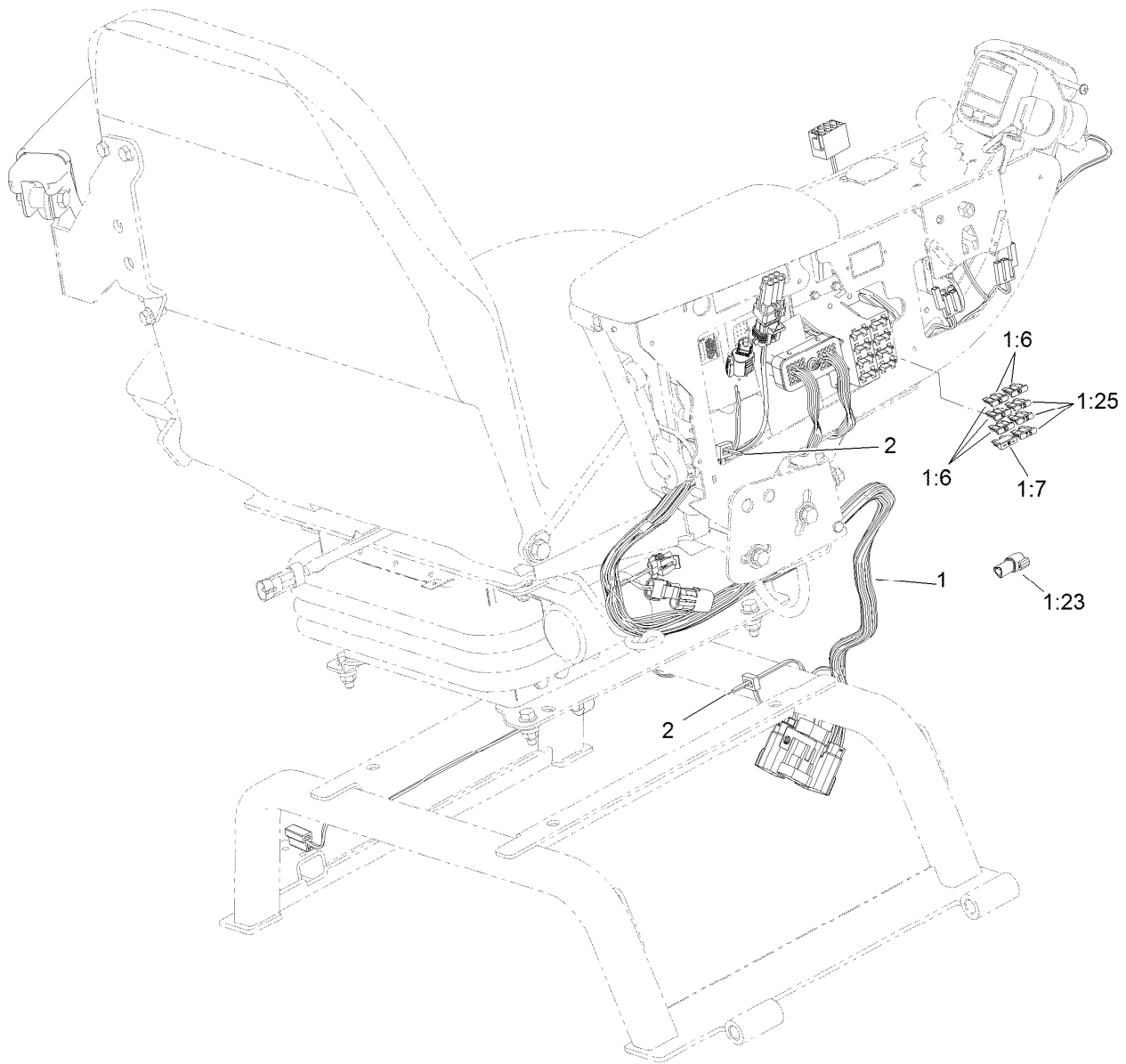
| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 8    | 108-7395-03 | 1    | Blade-Combo, 22In      |
| 8    | 114-0434-03 | 1    | Blade-High Lift, 22In  |
| 8    | 114-0435-03 | 1    | Blade-Atomic, 22In     |
| 8    | 117-0209-03 | 1    | Blade-Angle Sail, 22In |
| 9    | 72-9361     | 1    | Cup-Scalp, Anti        |
| 10   | 92-5816     | 1    | Bolt-Blade             |
| 11   | 108-7409-01 | 1    | Baffle-Mulching        |
| 12   | 46-8560     | 5    | Screw-HHFTF            |

● Not serviced separately



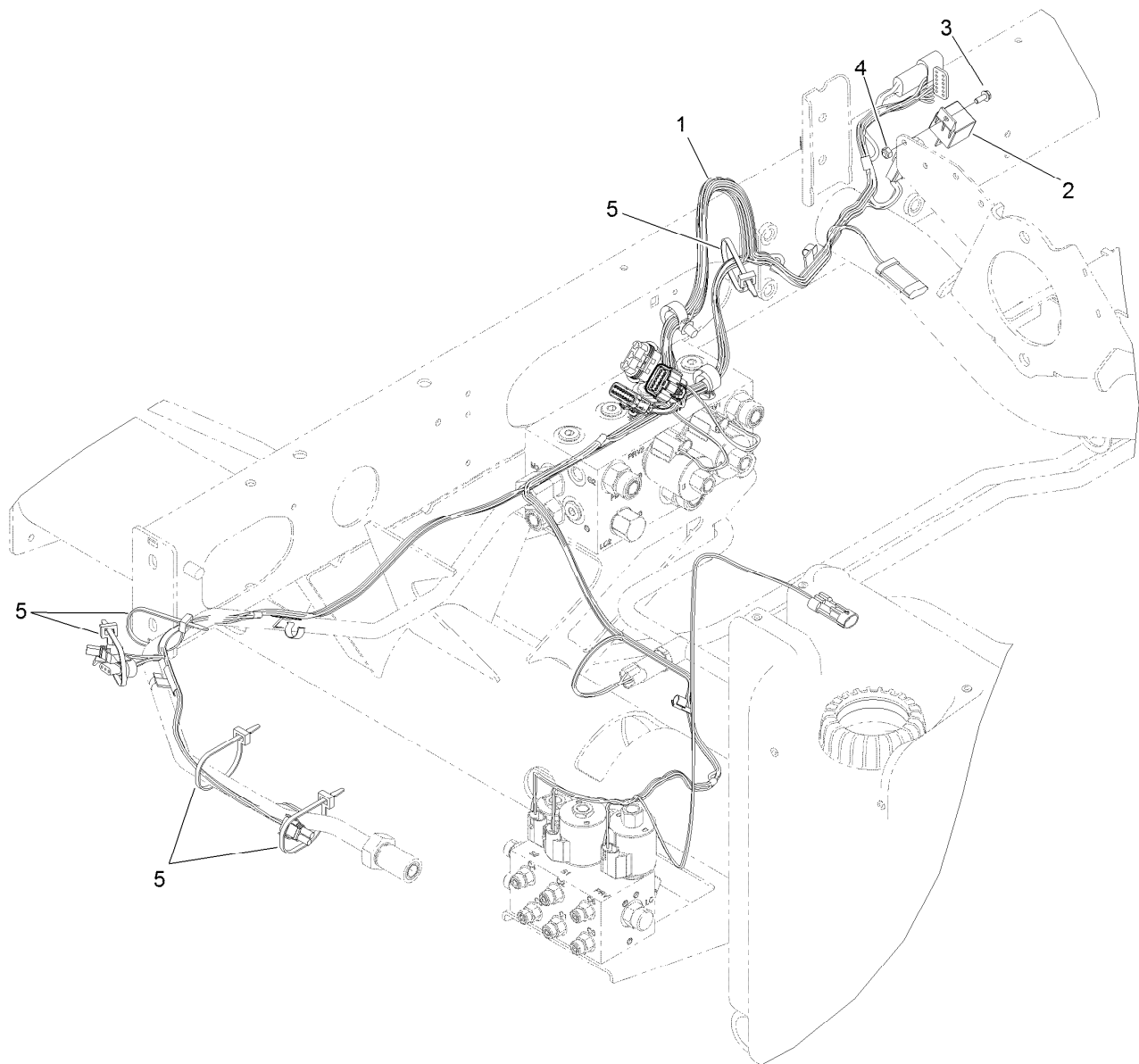
## Spindle Assembly No. 138-6932

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 1    | 115-3434    | 1    | Spindle                |
| 1:2  | 10-6830     | 6    | Stud-Type, Drive       |
| 2    | 100-5703    | 1    | Spacer And Bearing ASM |
| 3    | 138-6931    | 1    | Spindle Shaft ASM      |
| 4    | 253-154     | 2    | Seal-Oil               |
| 5    | 69-6950     | 1    | Spacer-Shaft, Spindle  |
| 6    | 100-5709    | 1    | Nut-Spindle, Spcl      |
| 7    | 302-62      | 2    | Fitting-Grease         |
| 8    | 94-2703     | 1    | Plug                   |



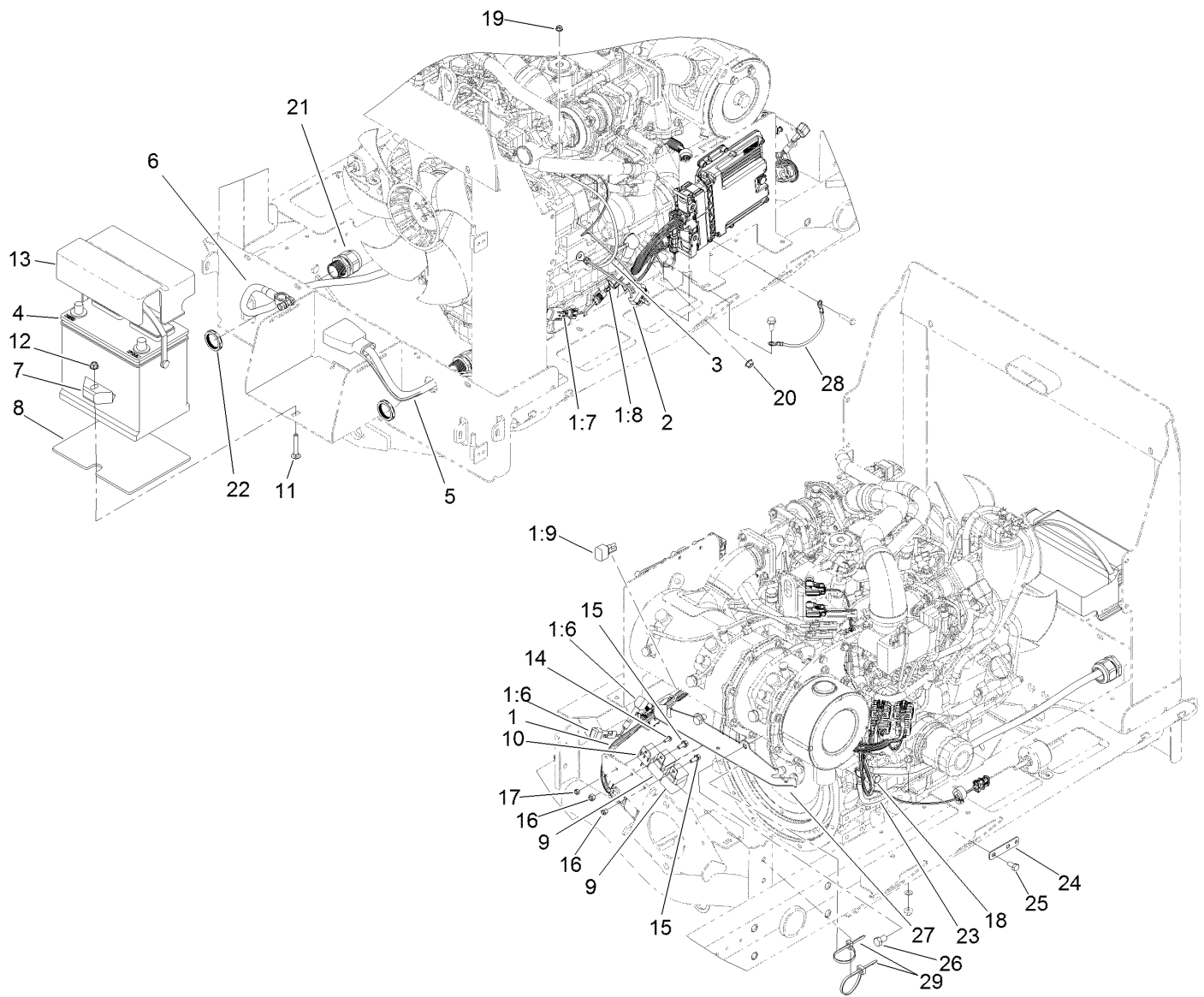
## Seat and Control Arm Wiring Harness Assembly

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>  |
|-------------|--------------------|-------------|---------------------|
| 1           | 115-8081           | 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           |



## Main Wiring Harness Assembly

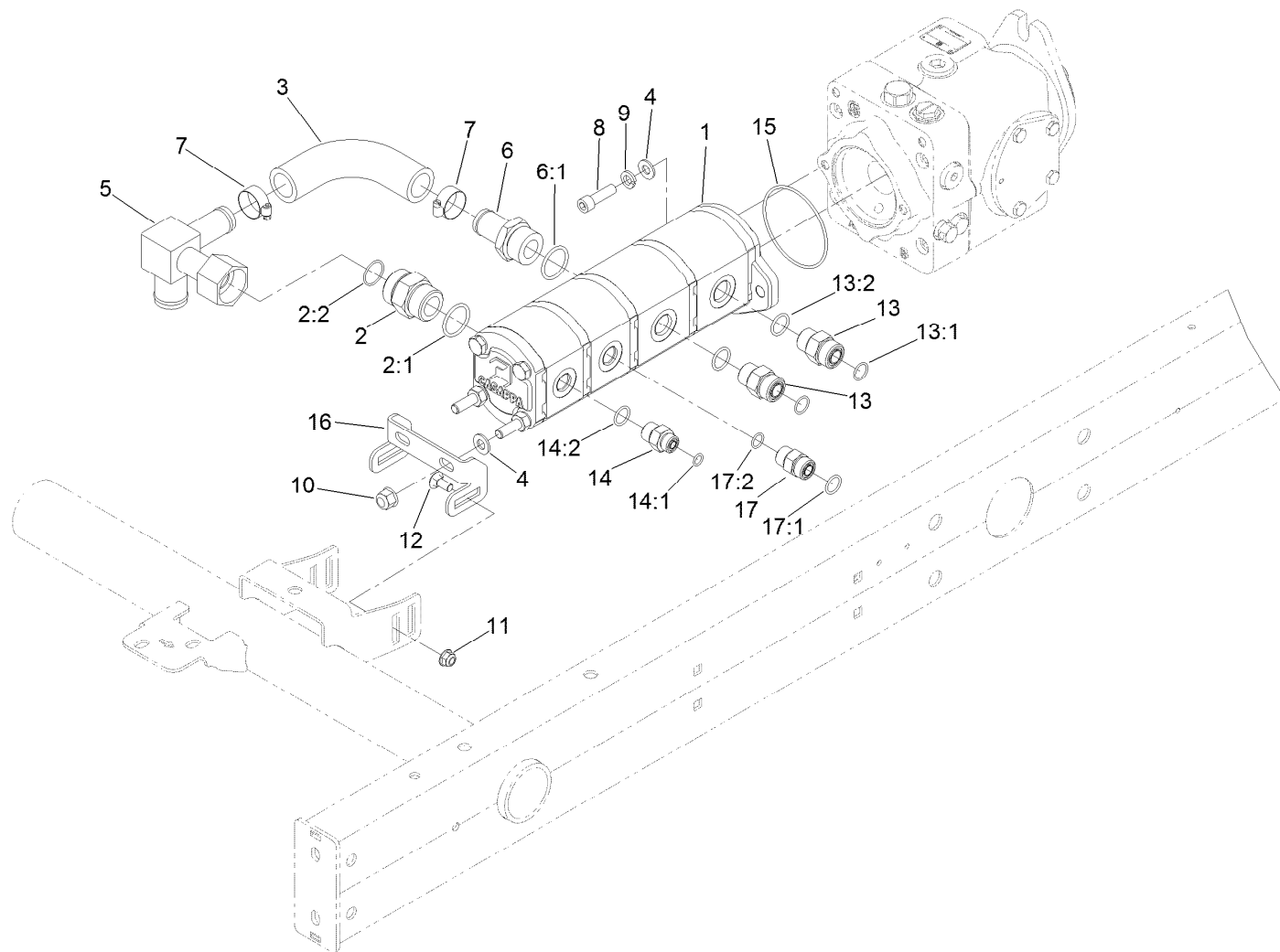
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 122-1457           | 1           | Harness-Wire       |
| 2           | 99-7435            | 1           | Relay              |
| 3           | 3290-321           | 1           | Screw-HWH          |
| 4           | 3296-2             | 1           | Nut-Lock, NI       |
| 5           | 3290-378           | 10          | Tie-Cable          |



## Electrical Assembly

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    | 122-0893    | 1    | Harness-Wire, Engine       |
| 1:6  | 100-4918    | 2    | Diode                      |
| 1:7  | 121-8861    | 1    | Fuse-Mini Blade, 2 Amp     |
| 1:8  | 121-8866    | 1    | Fuse-Mini Blade, 10 Amp    |
| 1:9  | 104-4022    | 1    | Resistor-75 Ohm            |
| 2    | 99-3441     | 1    | Harness-Wire, Fusible Link |
| 3    | 100-5552    | 1    | Harness-Wire               |
| 4    | 104-9979    | 1    | Battery                    |
| 5    | 121-8850    | 1    | Cable-Battery, Positive    |
| 6    | 121-8851    | 1    | Cable-Battery, Negative    |
| 7    | 66-2490     | 1    | Retainer-Battery           |
| 8    | 127-2781    | 1    | Mat-Battery                |
| 9    | 99-7430     | 2    | Relay-Mini                 |
| 10   | 99-7435     | 1    | Relay                      |
| 11   | 3230-6      | 1    | Bolt-CARR                  |
| 12   | 104-8300    | 1    | Nut-HF, NI                 |
| 13   | 121-5615    | 1    | Cover-Battery              |

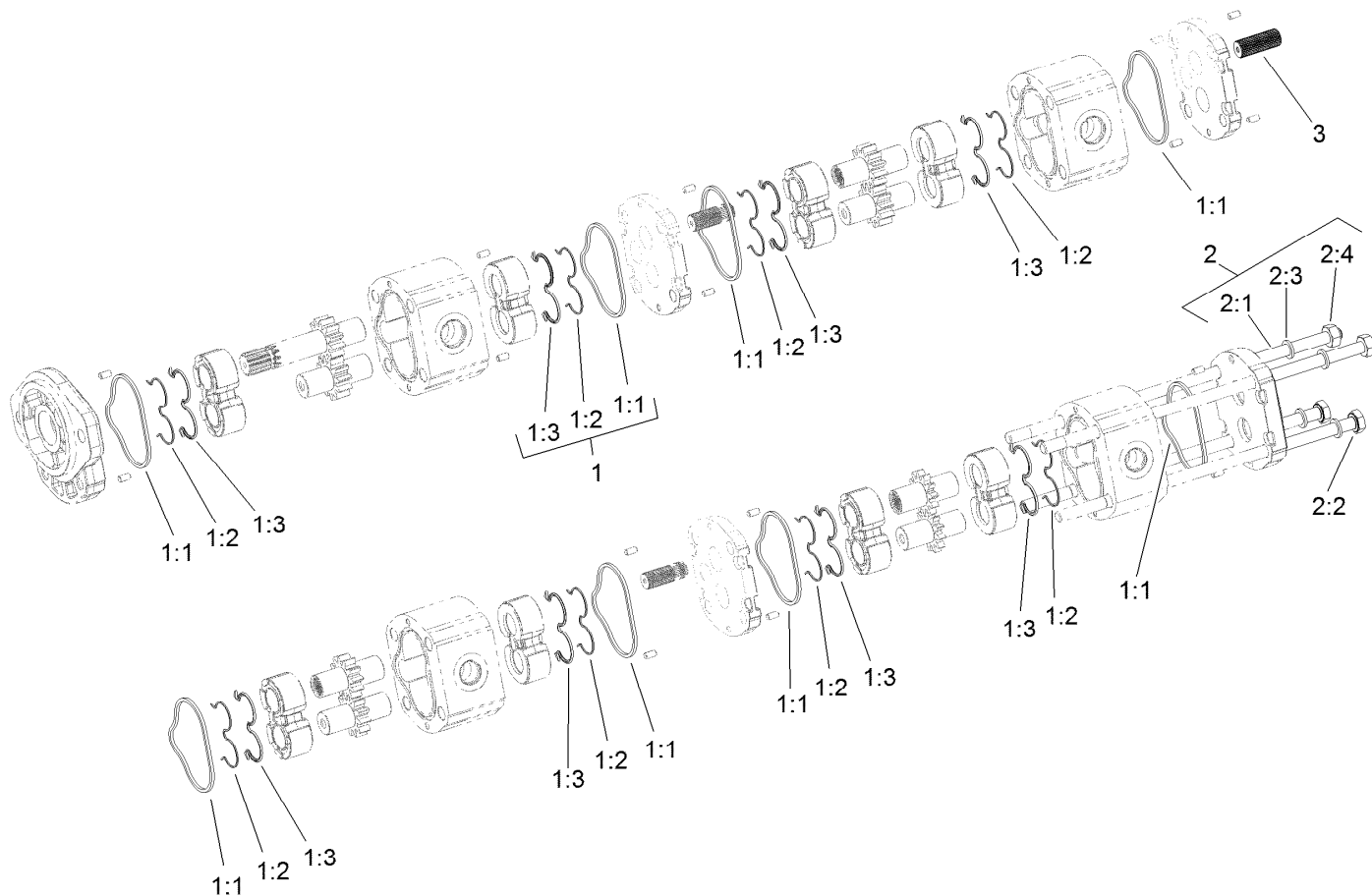
| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 14   | 3290-321    | 1    | Screw-HWH            |
| 15   | 3234-33     | 2    | Screw-HHF            |
| 16   | 3296-42     | 2    | Nut-Lock, NI         |
| 17   | 3296-2      | 1    | Nut-Lock, NI         |
| 18   | 33115-020   | 1    | Screw-HH             |
| 19   | 33003-00    | 1    | Nut-HF               |
| 20   | 33004-00    | 1    | Nut-HF               |
| 21   | 121-8854    | 2    | Grip-Cord            |
| 22   | 121-8855    | 2    | Locknut-Grip, Cord   |
| 23   | 121-8856    | 1    | Cable-Ground, Engine |
| 24   | 121-5636    | 1    | Tab-Harness          |
| 25   | 33114-016   | 2    | Screw-HH             |
| 26   | 33115-016   | 2    | Screw-HH             |
| 27   | 132-9706-03 | 1    | Bracket-Harness      |
| 28   | 122-0058    | 1    | Harness-Wire, Ground |
| 29   | 3290-378    | 4    | Tie-Cable            |



## Gear Pump Mounting Assembly

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 1    | 121-5645    | 1    | Gear Pump ASM    |
| 2    | 104-3797    | 1    | Fitting-Straight |
| 2:1  | 237-146     | 1    | O-Ring           |
| 2:2  | 340-65      | 1    | O-Ring           |
| 3    | 108-1683    | 1    | Hose-Formed      |
| 4    | 3256-24     | 4    | Washer-Flat      |
| 5    | 108-1672    | 1    | Manifold-Tube    |
| 6    | 354-78      | 1    | Fitting-STR      |
| 6:1  | 237-146     | 1    | O-Ring           |
| 7    | 2412-34     | 2    | Clamp-Hose       |
| 8    | 3274-1      | 2    | Screw-HSH        |
| 9    | 3253-5      | 2    | Washer-Lock      |
| 10   | 103-9511    | 2    | Nut-Lock, NI     |

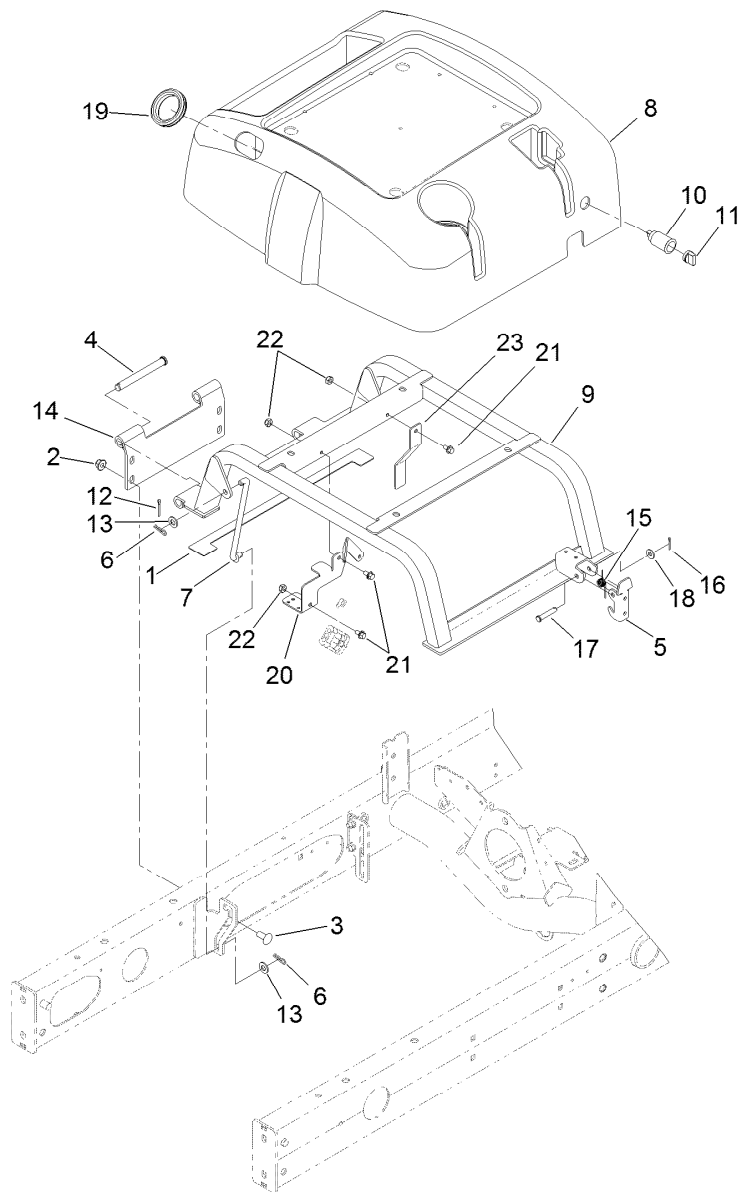
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 11   | 104-8300    | 2    | Nut-HF, NI            |
| 12   | 3230-1      | 2    | Bolt-CARR             |
| 13   | 340-7       | 2    | Fitting-Straight      |
| 13:1 | 237-65      | 1    | O-Ring                |
| 13:2 | 237-80      | 1    | O-Ring                |
| 14   | 340-3       | 1    | Fitting-Straight      |
| 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   | 340-4       | 1    | Fitting-Straight      |
| 17:1 | 237-30      | 1    | O-Ring                |
| 17:2 | 237-79      | 1    | O-Ring                |



## Gear Pump Assembly No. 121-5645

| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 1    | 108-4595    | 1    | Seal Kit       |
| 1:1  |             | 8    | Seal ●         |
| 1:2  |             | 8    | Seal ●         |
| 1:3  |             | 8    | Ring-Back Up ● |
| 2    | 120-6273    | 1    | Bolt Kit       |
| 2:1  |             | 2    | Stud Bolt ●    |
| 2:2  |             | 2    | Screw ●        |
| 2:3  |             | 4    | Washer ●       |
| 2:4  |             | 2    | Nut ●          |
| 3    | 120-6284    | 3    | Hub-Connecting |

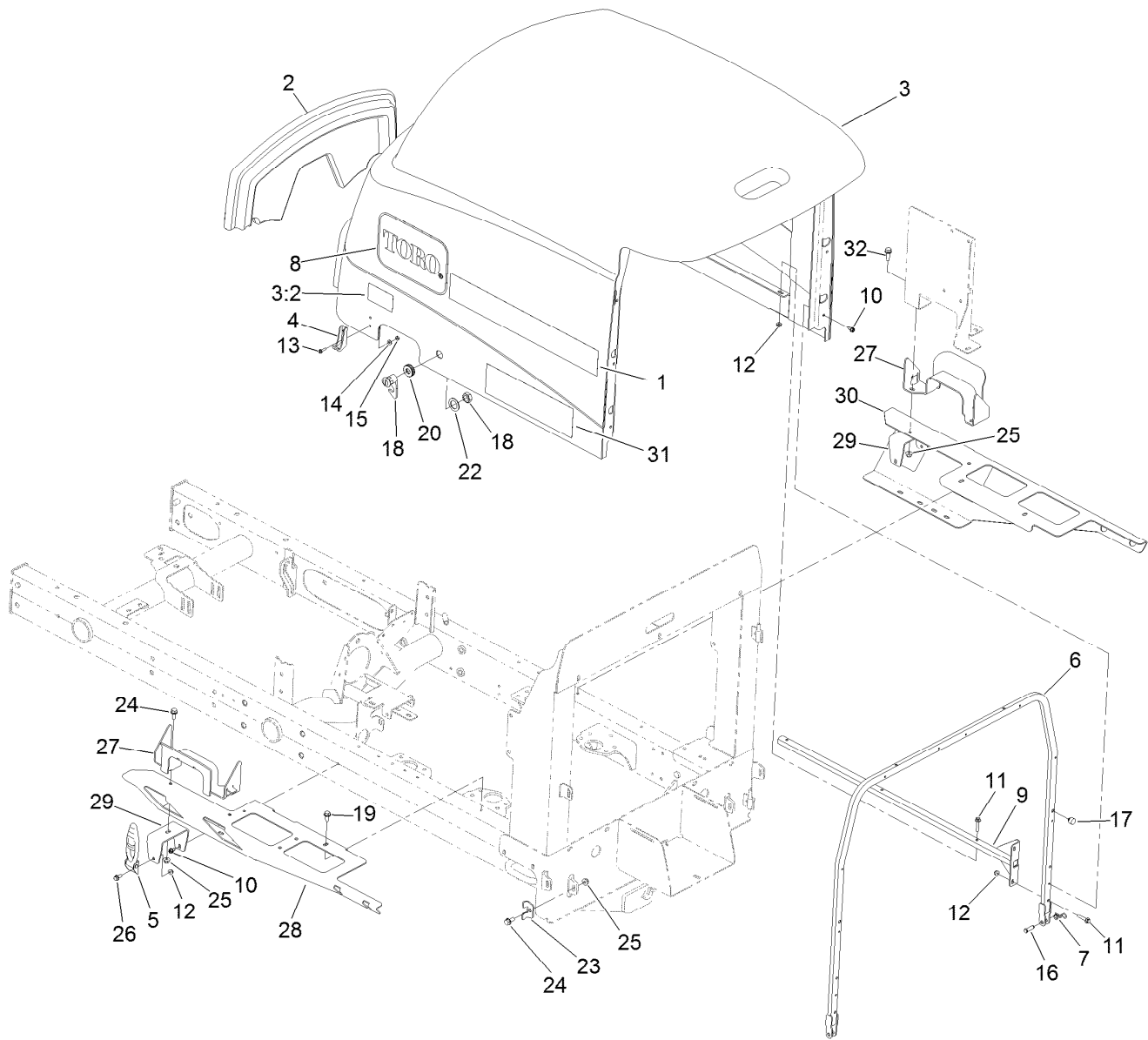
● Not serviced separately



## 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               |
| 12   | 3272-11     | 2    | Pin-Cotter        |

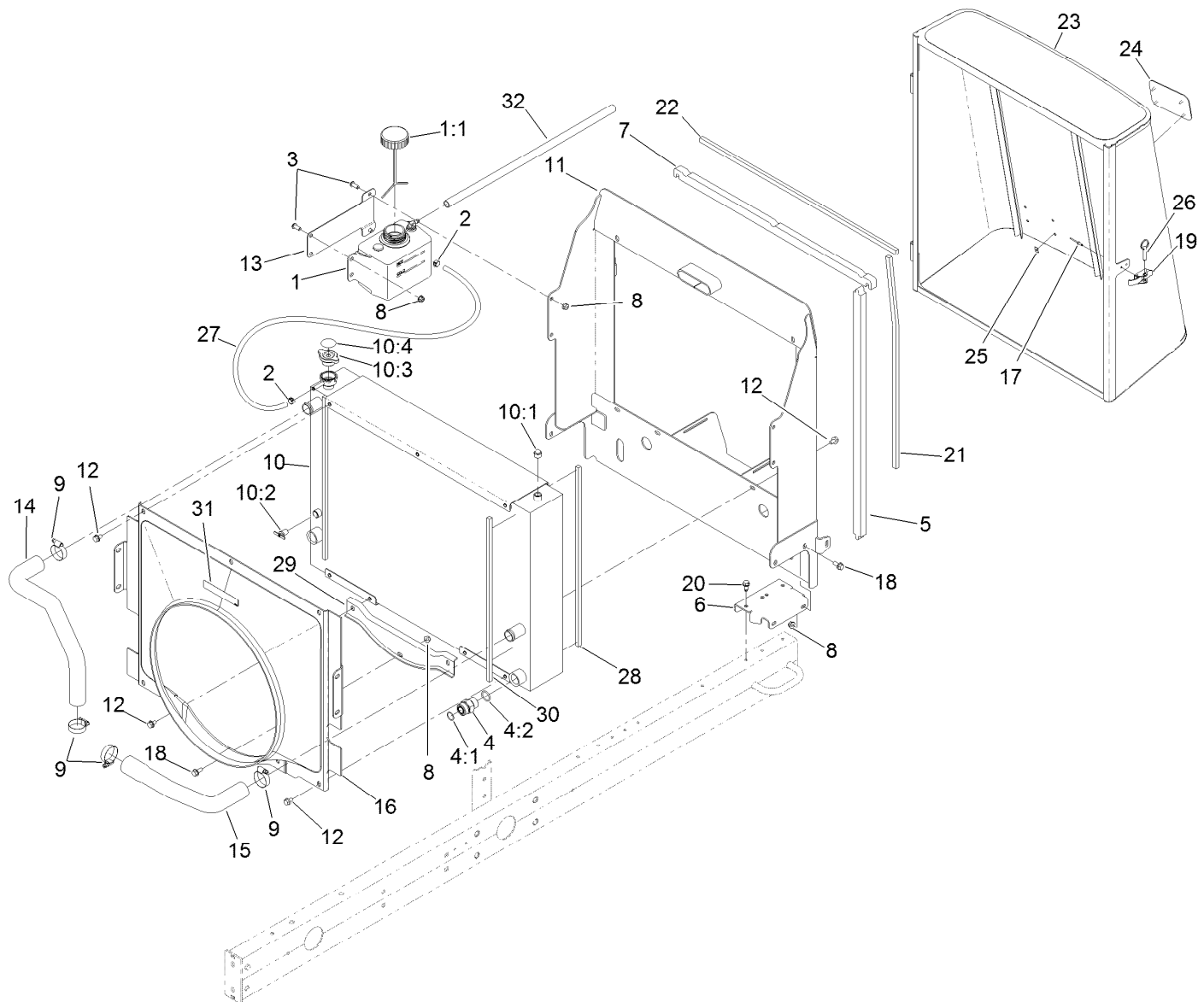
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 13   | 3256-24     | 4    | Washer-Flat           |
| 14   | 125-2121-03 | 1    | Hinge-Seatbase        |
| 15   | 104-4821    | 1    | Spring-Torsion        |
| 16   | 3272-6      | 1    | Pin-Cotter            |
| 17   | 94-3829     | 1    | Pin-Clevis            |
| 18   | 3256-2      | 1    | Washer-Flat           |
| 19   | 240-12      | 1    | Grommet-Rubber        |
| 20   | 127-2711-03 | 1    | Bracket-Harness       |
| 21   | 3234-13     | 3    | Screw-HHF             |
| 22   | 3296-16     | 3    | Nut-Lock, NI          |
| 23   | 127-2615-03 | 1    | Bracket-Harness, Wire |



## Hood Assembly

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 1    | 117-0173    | 2    | Decal            |
| 2    | 108-7587    | 1    | Saddle-Hood      |
| 3    | 121-5616    | 1    | Hood ASM         |
| 3:2  | 106-6754    | 1    | Decal-Danger     |
| 4    | 103-2897    | 2    | Latch-Catch      |
| 5    | 103-2898    | 2    | Latch-Rubber     |
| 6    | 125-8813-03 | 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    | 12   | Screw-HWH        |
| 11   | 3234-21     | 10   | Screw-HHF        |
| 12   | 104-7201    | 12   | Nut-HF, NI       |
| 13   | 32105-13    | 4    | Screw-HWH        |
| 14   | 3256-14     | 4    | Washer-Flat      |
| 15   | 3296-12     | 4    | Nut-Lock, NI     |

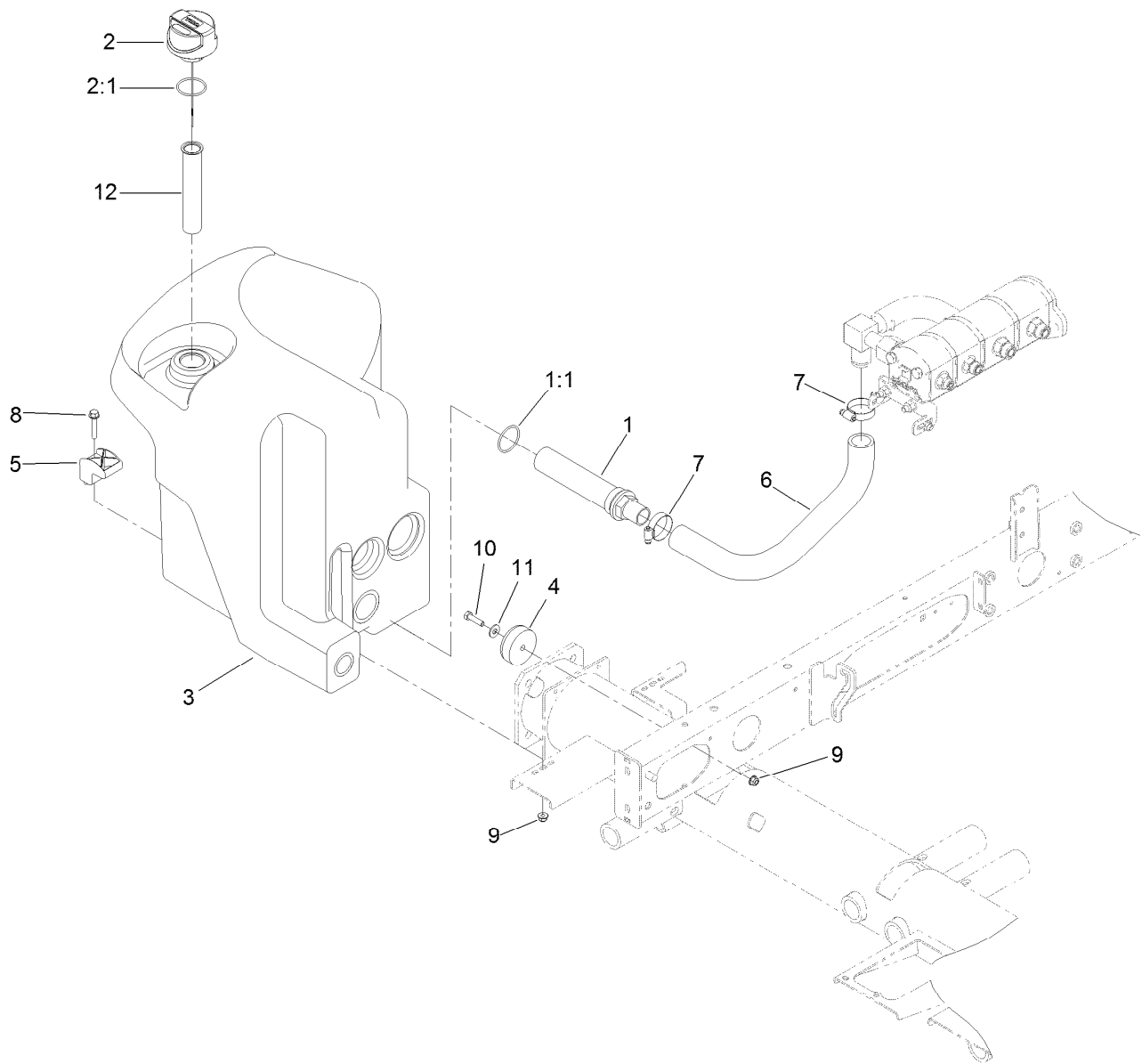
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 16   | 283-61      | 2    | Pin-Yoke              |
| 17   | 107-8042    | 2    | Bumper-Rubber         |
| 18   | 98-5398     | 1    | Latch                 |
| 19   | 32104-32    | 5    | Screw-HWH             |
| 20   | 104-1453    | 1    | Grommet               |
| 22   | 99-4958     | 1    | Spacer                |
| 23   | 110-8946    | 2    | Clamp-Frame, Radiator |
| 24   | 3234-5      | 4    | Screw-HHF             |
| 25   | 104-8300    | 6    | Nut-HF, NI            |
| 26   | 3234-33     | 2    | Screw-HHF             |
| 27   | 121-5627-03 | 2    | Guide-Hood            |
| 28   | 110-5253-01 | 1    | Adapter-Hood, LH      |
| 29   | 110-5256-01 | 2    | Bracket-Latch, Hood   |
| 30   | 110-5254-01 | 1    | Adapter-Hood, RH      |
| 31   | 110-8859    | 2    | Decal                 |
| 32   | 3234-17     | 2    | Screw-HHF             |



## Radiator and Shroud Assembly

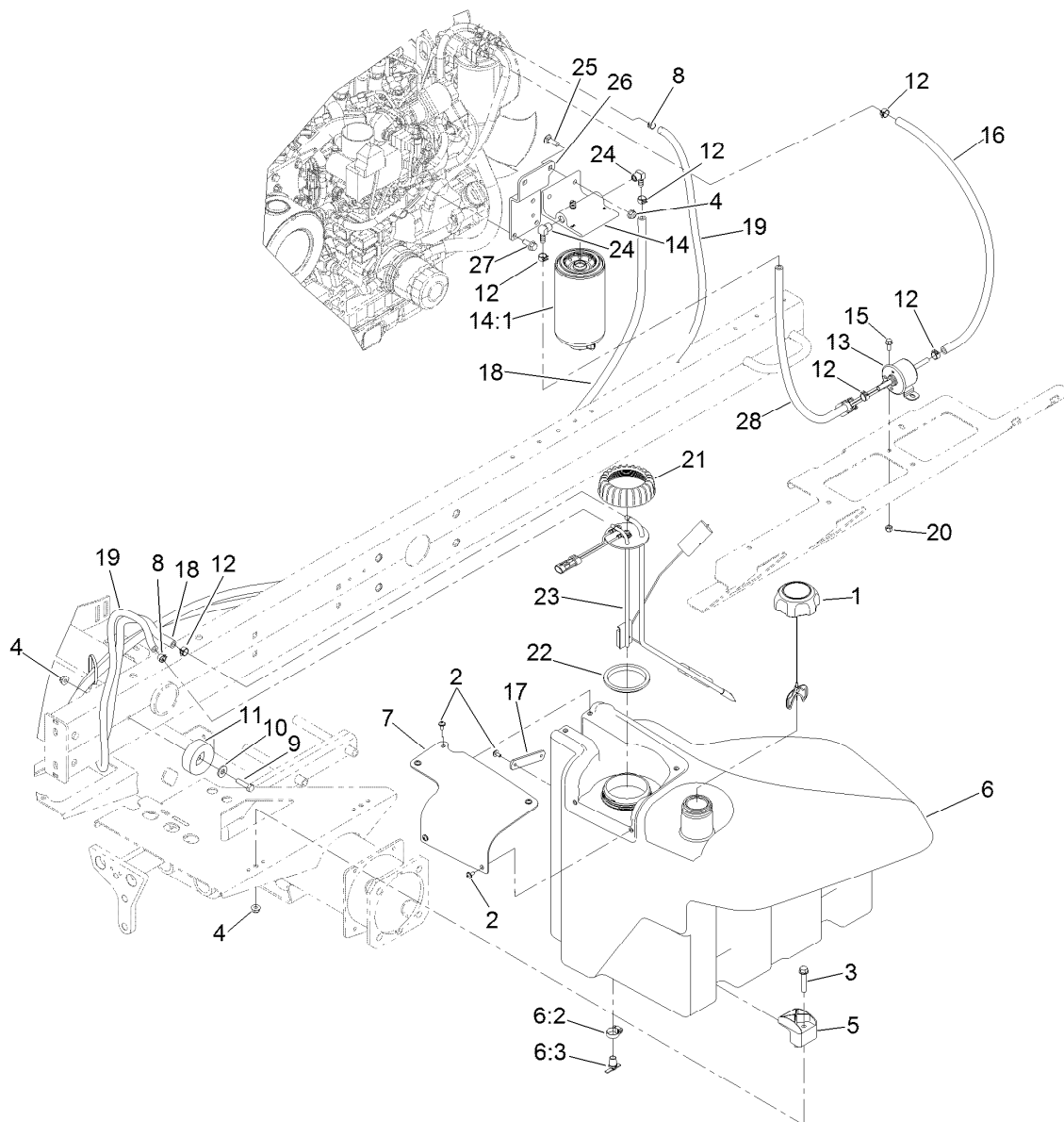
| Ref. | Part Number | Qty. | Description                    |
|------|-------------|------|--------------------------------|
| 1    | 120-5573    | 1    | Coolant Reservoir ASM          |
| 1:1  | 87-7050     | 1    | Cap-Reservoir                  |
| 2    | 92-2379     | 3    | Clamp-Hose                     |
| 3    | 3274-55     | 5    | Screw-HSBH                     |
| 4    | 340-9       | 2    | Fitting-STR                    |
| 4:1  | 237-58      | 1    | O-Ring                         |
| 4:2  | 237-81      | 1    | O-Ring                         |
| 5    | 121-5554    | 2    | Seal-Foam                      |
| 6    | 110-5310-01 | 2    | Bracket-Mounting               |
| 7    | 110-5276    | 2    | Seal-Foam                      |
| 8    | 104-8300    | 10   | Nut-HF, NI                     |
| 9    | 2412-3      | 4    | Clamp-Hose                     |
| 10   | 120-3840    | 1    | Oil Cooler And Radiator<br>ASM |
| 10:1 | 281-13      | 1    | Plug-Pipe                      |
| 10:2 | 304-46      | 1    | Draincock                      |
| 10:3 | 93-5957     | 1    | Cap-Radiator                   |
| 10:4 | 106-6755    | 1    | Decal-Cap, Radiator            |
| 11   | 120-3815-03 | 1    | Frame-Radiator                 |
| 12   | 3234-30     | 14   | Screw-HHF                      |

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 13   | 121-5568-03 | 1    | Bracket-Reservoir        |
| 14   | 133-2994    | 1    | Hose-Formed              |
| 15   | 121-5558    | 1    | Hose-Radiator, Lower     |
| 16   | 125-2901    | 1    | Shroud-Fan, Turbo Diesel |
| 17   | 3269-15     | 2    | Rivet-Pop                |
| 18   | 3234-5      | 5    | Screw-HHF                |
| 19   | 115-1554    | 1    | Latch-Draw               |
| 20   | 32104-32    | 6    | Screw-HWH                |
| 21   | 121-5575    | 2    | Seal-Foam                |
| 22   | 121-5576    | 1    | Seal-Foam                |
| 23   | 120-3844-03 | 1    | Screen                   |
| 24   | 93-6028     | 1    | Plate-Logo               |
| 25   | 138-6996    | 4    | Nut-Push                 |
| 26   | 115-1556    | 1    | Pin-Ball, Detent         |
| 27   | 110-8752    | 1    | Hose-Fuel                |
| 28   | 110-0969    | 2    | Seal-Foam                |
| 29   | 125-2905    | 1    | Cap-Shroud, Diesel       |
| 30   | 125-8767    | 2    | Seal-Foam                |
| 31   | 93-7272     | 1    | Decal-Warning            |
| 32   | 110-3257    | 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    | 117-0193    | 1    | Cap-Hydraulic, Vented Breather |
| 2:1  | 237-101     | 1    | O-Ring                         |
| 3    | 121-5587    | 1    | Tank-Hydraulic                 |
| 4    | 108-1605    | 1    | Bumper-Recess                  |
| 5    | 107-4543    | 2    | Clamp                          |
| 6    | 108-1685    | 1    | Hose-Formed                    |
| 7    | 2412-3      | 2    | Clamp-Hose                     |
| 8    | 94-5780     | 2    | Screw-HWH                      |
| 9    | 104-8300    | 3    | Nut-HF, NI                     |
| 10   | 322-6       | 1    | Screw-HH                       |
| 11   | 3256-3      | 1    | Washer-Flat                    |
| 12   | 61-2790     | 1    | Filter-Screen                  |

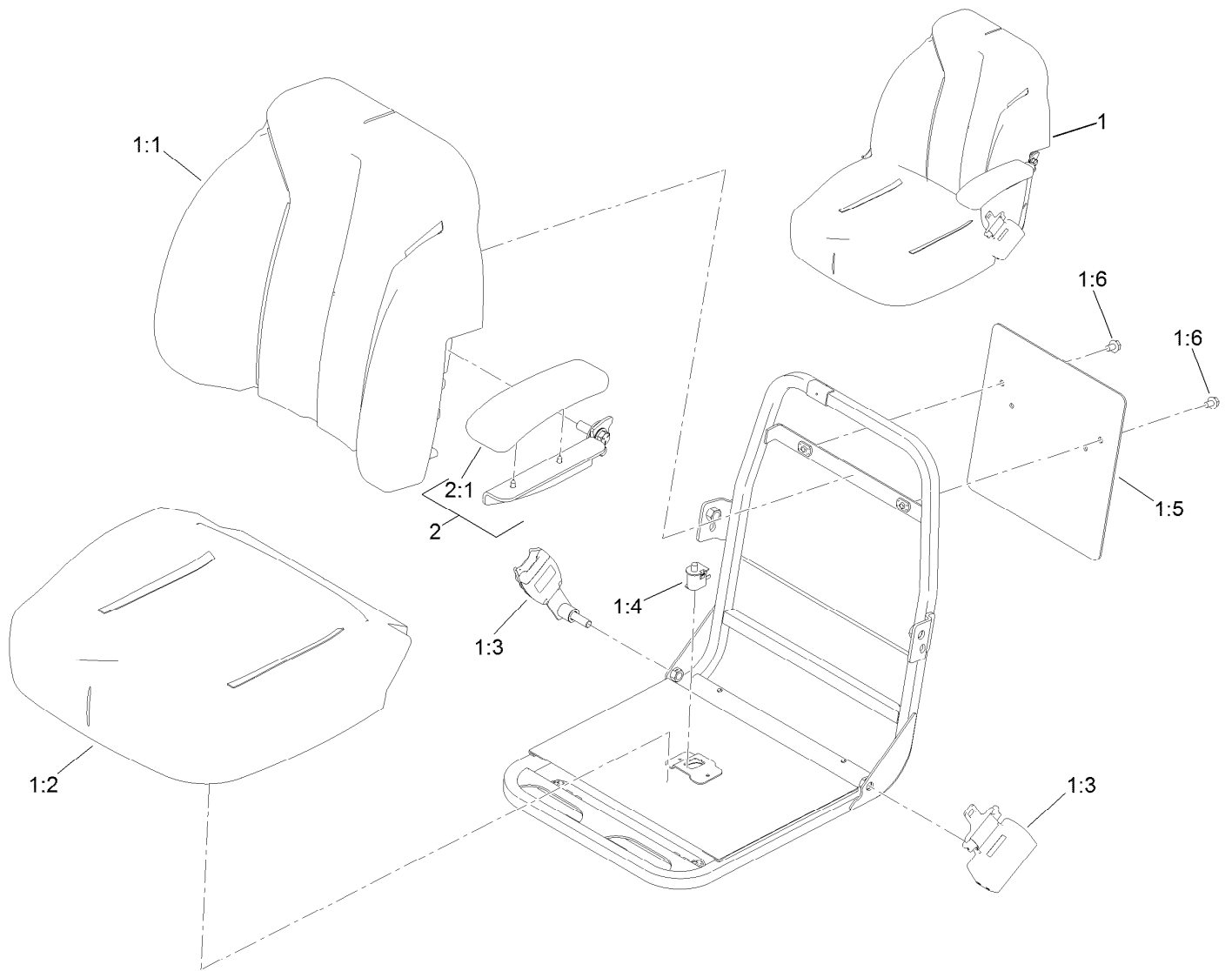


## Fuel System Assembly

| Ref. | Part Number | Qty. | Description                        |
|------|-------------|------|------------------------------------|
| 1    | 125-9173    | 1    | Cap-Fuel, Diesel, Ultra Low Sulfur |
| 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    | 2412-98     | 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   | 121-5613    | 1    | Pump-Fuel, Electric                |

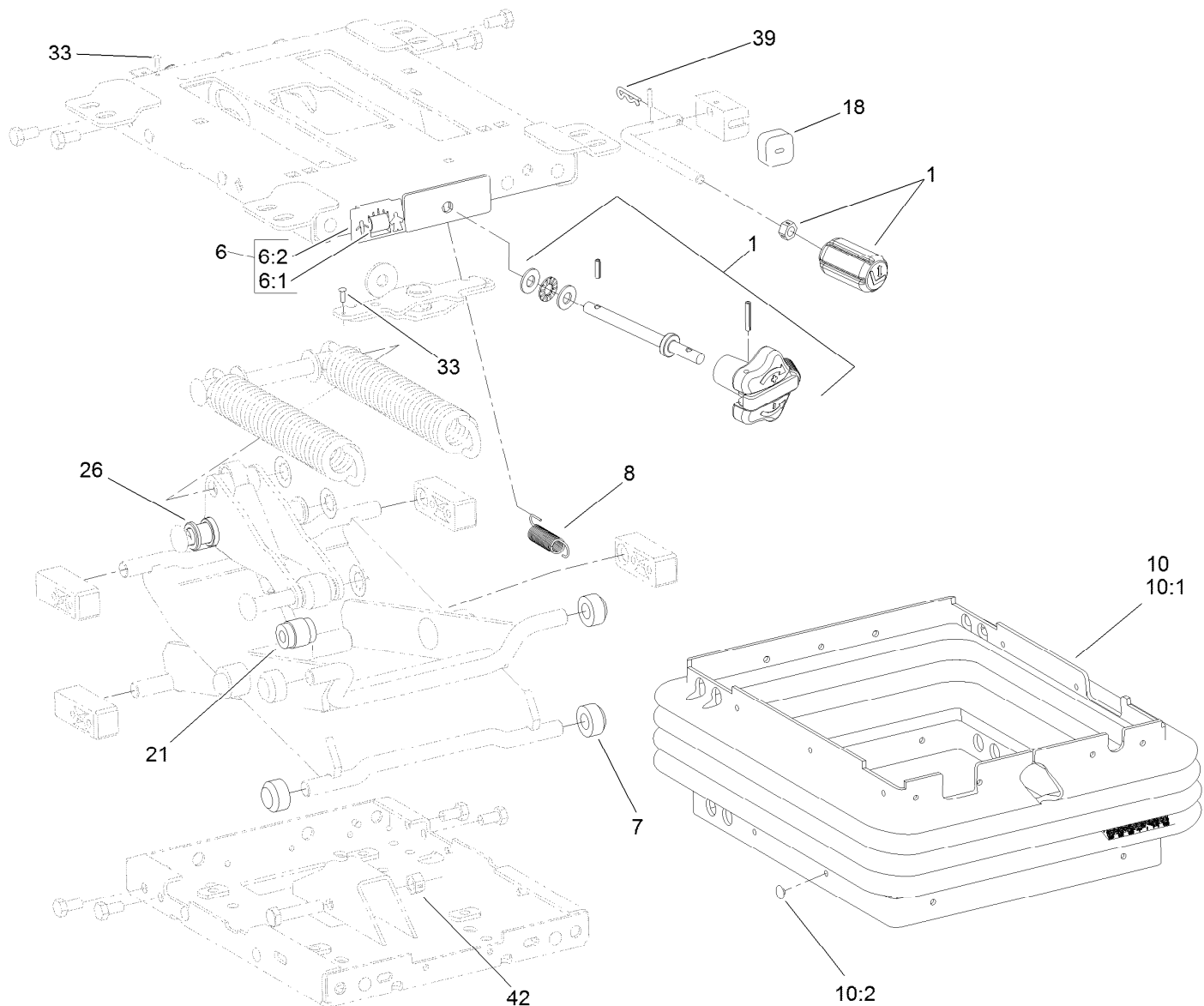
| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 14   | 125-2914    | 1    | Filter-Separator            |
| 14:1 | 125-2915    | 1    | Filter-Fuel/Water Separator |
| 15   | 3234-33     | 2    | Screw-HHF                   |
| 16   | 109-0308    | 1    | Hose-Fuel                   |
| 17   | 125-2945    | 1    | Strap-Cable                 |
| 18   | 121-5608    | 1    | Hose-Fuel                   |
| 19   | 121-5614    | 1    | Hose-Fuel                   |
| 20   | 3296-42     | 2    | Nut-Lock, NI                |
| 21   | 115-2162    | 1    | Cap-Pump, Fuel              |
| 22   | 115-2163    | 1    | Gasket-Pump, Fuel           |
| 23   | 121-5642    | 1    | Sender-Fuel                 |
| 24   | 353-781     | 2    | Fitting-HYD, 90             |
| 25   | 3230-22     | 2    | Screw-CARR                  |
| 26   | 120-6299-03 | 1    | Bracket-Separator           |
| 27   | 33104-020   | 3    | Screw-HHF                   |
| 28   | 109-0274    | 1    | Hose-Fuel                   |





## Seat Assembly No. 139-2700

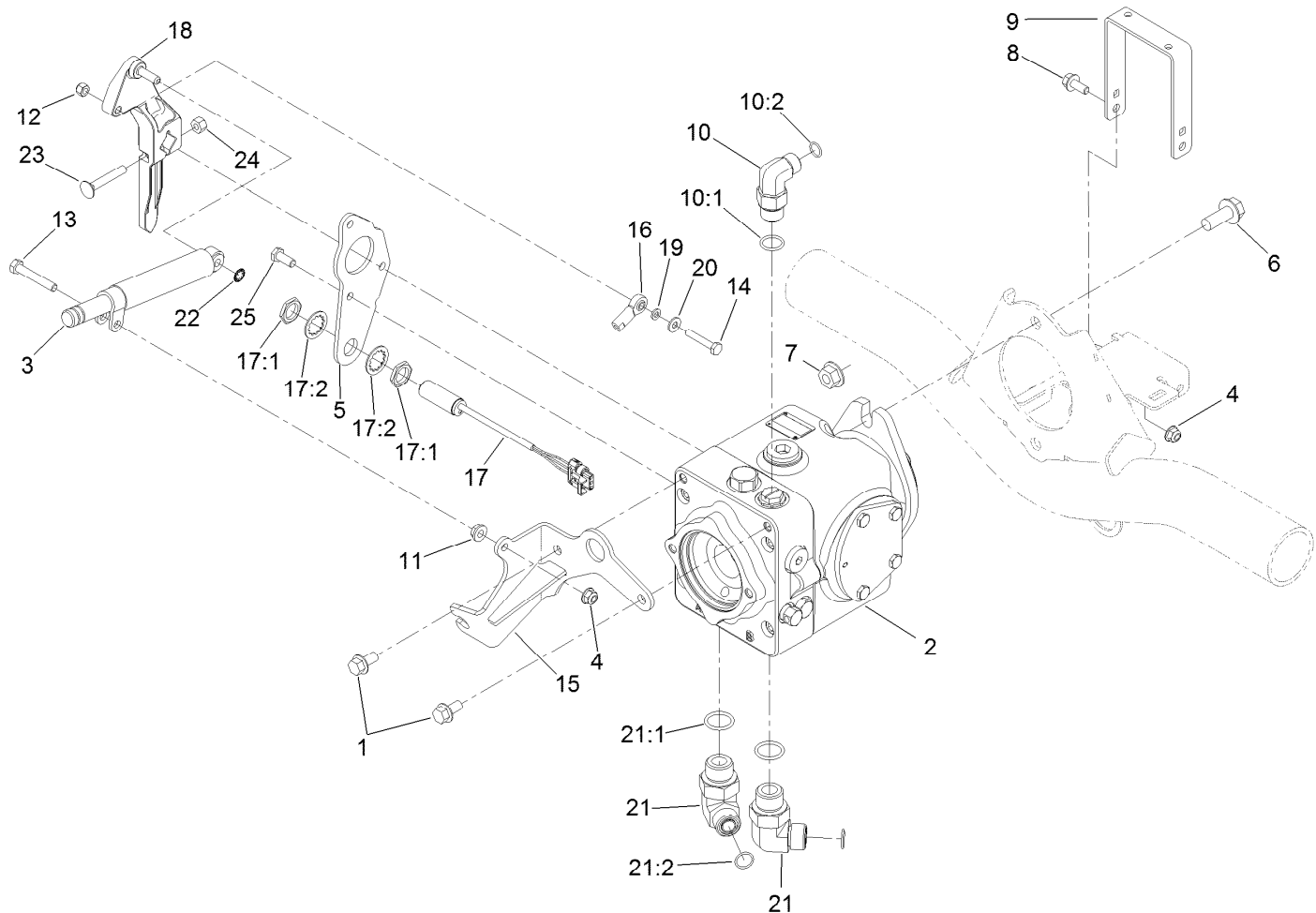
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 139-2680    | 1    | Seat ASM           |
| 1:1  | 139-2705    | 1    | Cover-Seat, Back   |
| 1:2  | 139-2706    | 1    | Cover-Seat, Bottom |
| 1:3  | 139-2707    | 1    | Seat Belt Kit      |
| 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               |

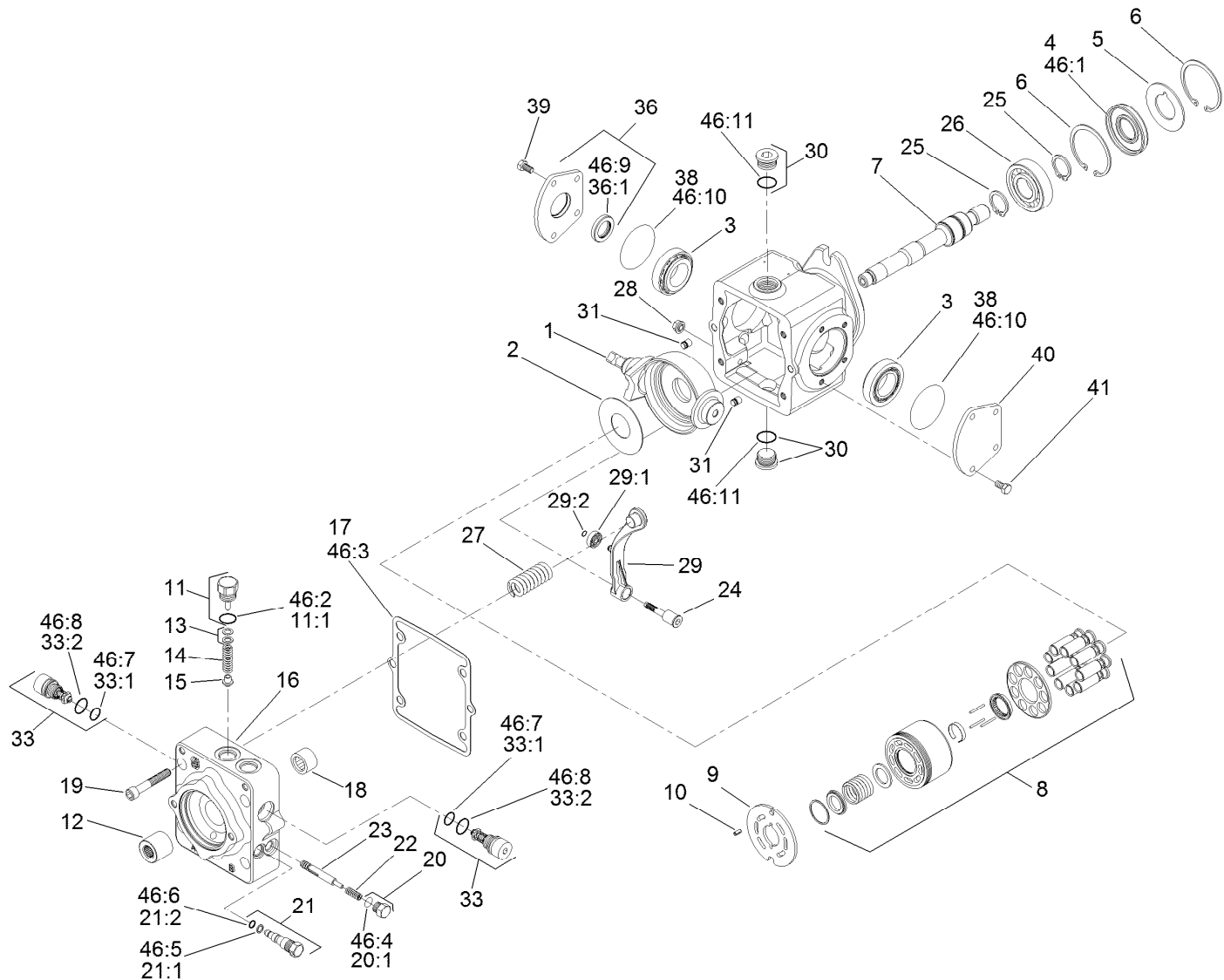
● Not serviced separately



## Traction Pump 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    | 3    | Nut-HF, NI                     |
| 5    | 125-8822-03 | 1    | Plate-Pump                     |
| 6    | 3234-38     | 2    | Screw-HHF                      |
| 7    | 32128-49    | 2    | Nut-HHF                        |
| 8    | 3234-5      | 2    | Screw-HHF                      |
| 9    | 108-1799-03 | 1    | Hoop-Guard                     |
| 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   | 340-139     | 2    | Fitting-Elbow 90            |
| 21:1 | 237-81      | 1    | O-Ring                      |
| 21:2 | 237-65      | 1    | O-Ring                      |
| 22   | 32151-72    | 1    | Ring-Retaining              |
| 23   | 3230-6      | 1    | Bolt-CARR                   |
| 24   | 3296-29     | 1    | Nut-Lock, NI                |
| 25   | 33114-020   | 3    | Screw-HH                    |



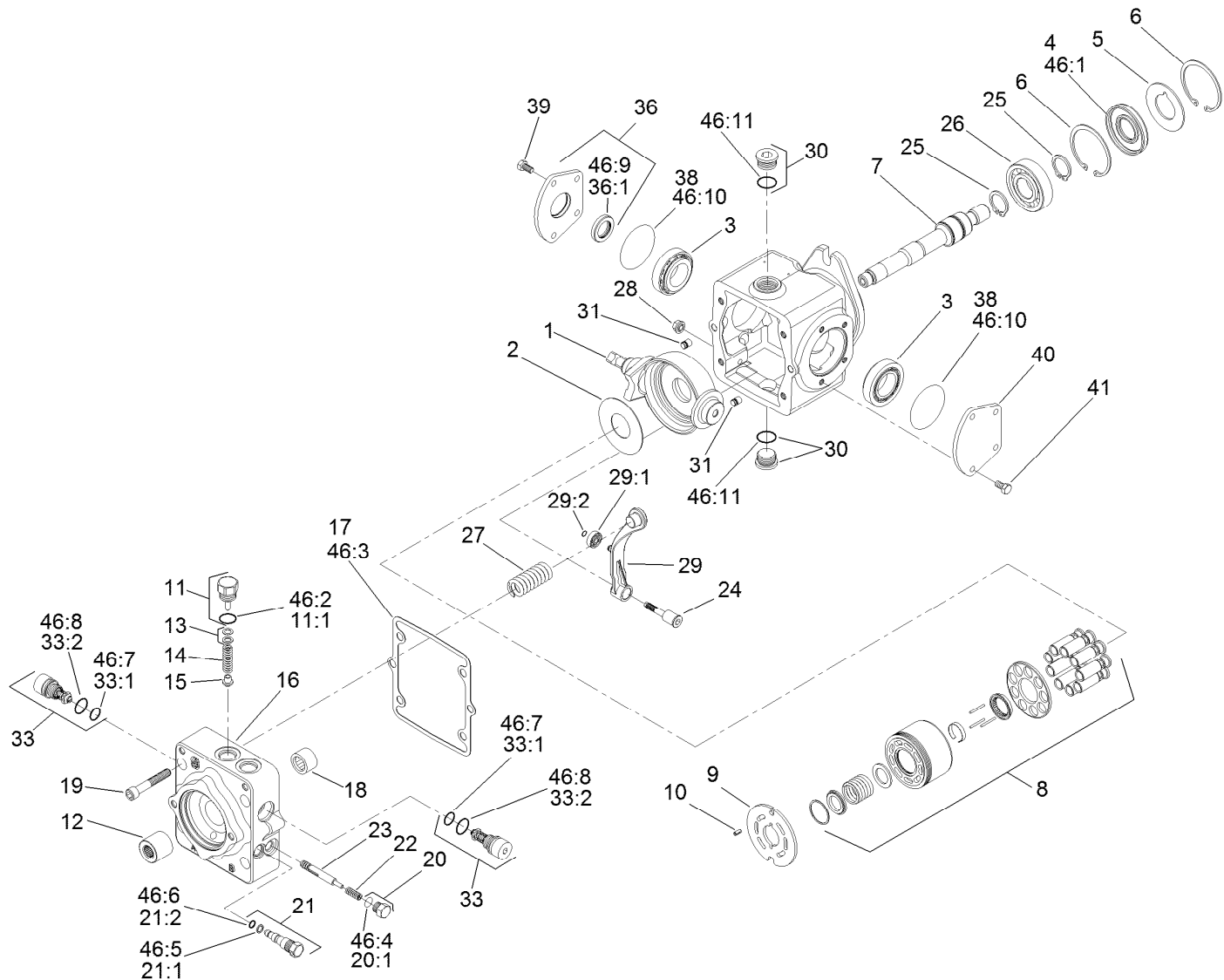
## Hydraulic Pump Assembly No. 119-6972

| 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



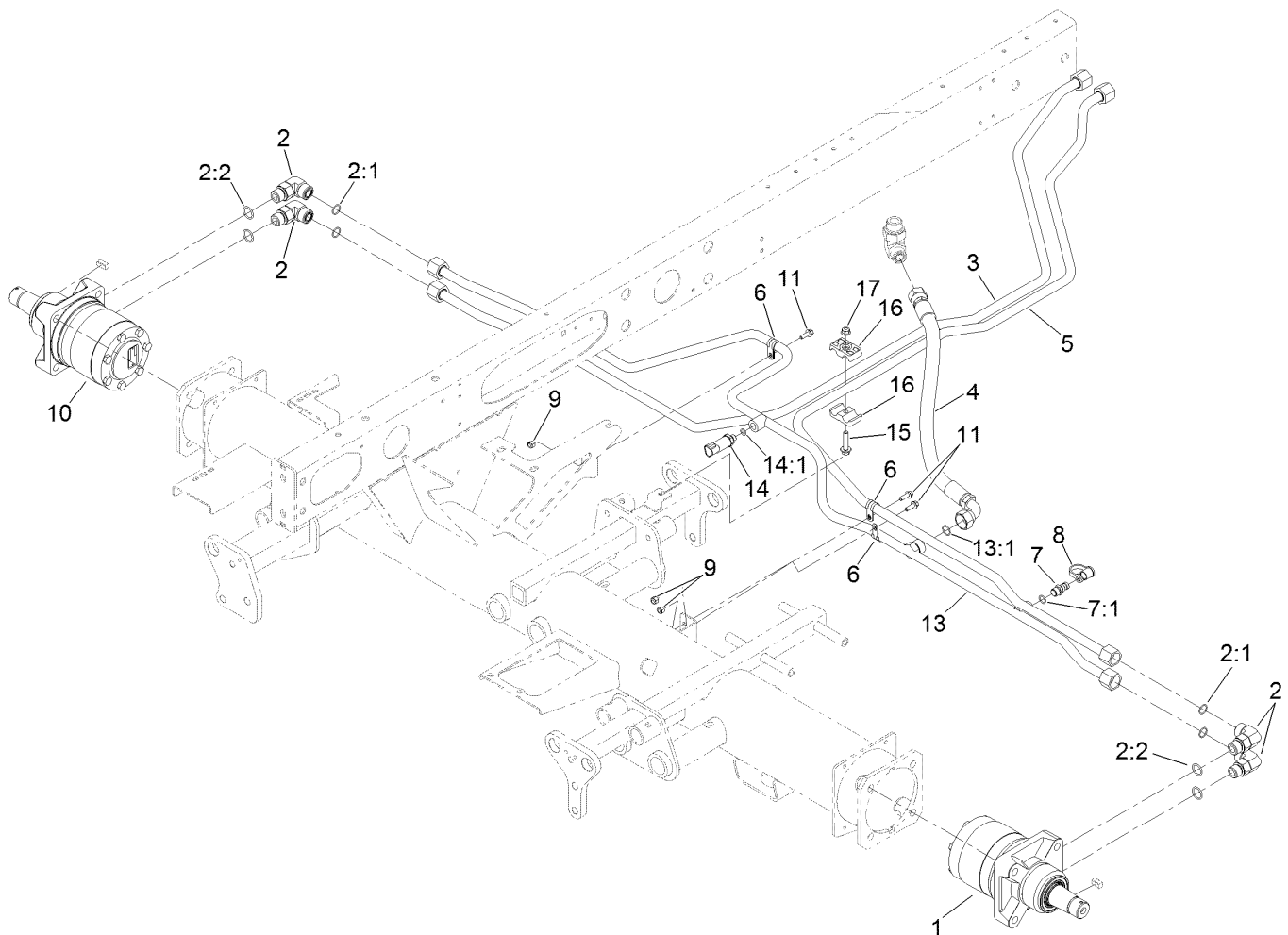
## Hydraulic Pump Assembly No. 119-6972 (continued)

| 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

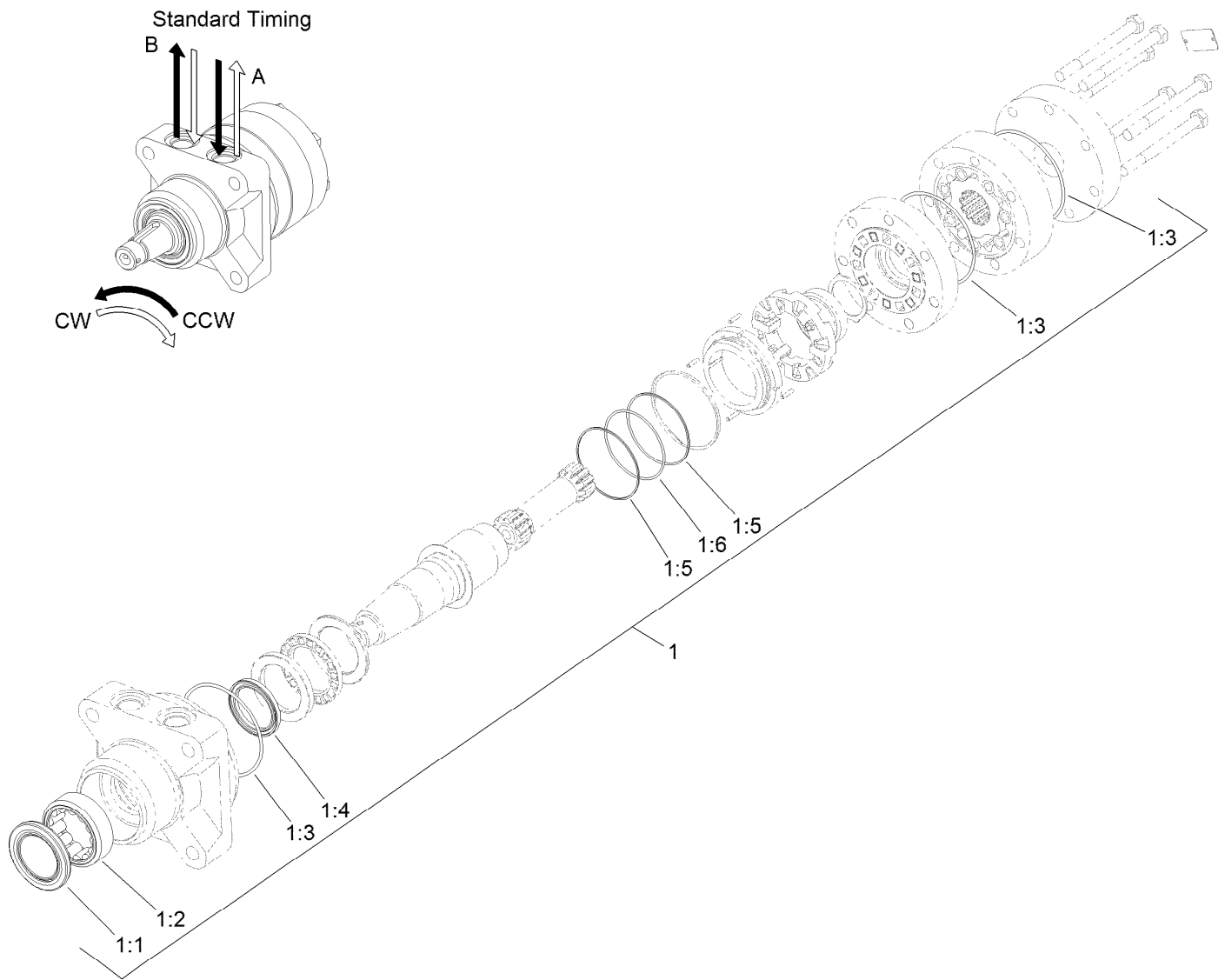
■ Not serviced separately



## Traction Hydraulic Circuit

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 133-2935    | 1    | Hydraulic Motor ASM   |
| 2    | 340-17      | 4    | Fitting-Elbow, 90 DEG |
| 2:1  | 237-65      | 1    | O-Ring                |
| 2:2  | 237-80      | 1    | O-Ring                |
| 3    | 114-0425    | 1    | Hydraulic Tube ASM    |
| 4    | 108-1679    | 1    | Hose-HYD              |
| 5    | 114-0424    | 1    | Hydraulic Tube ASM    |
| 6    | 2412-134    | 3    | Clamp-R               |
| 7    | 59-7410     | 1    | Fitting-Diagnostic    |
| 7:1  | 237-42      | 1    | O-Ring                |
| 8    | 354-79      | 1    | Cap-Dust              |

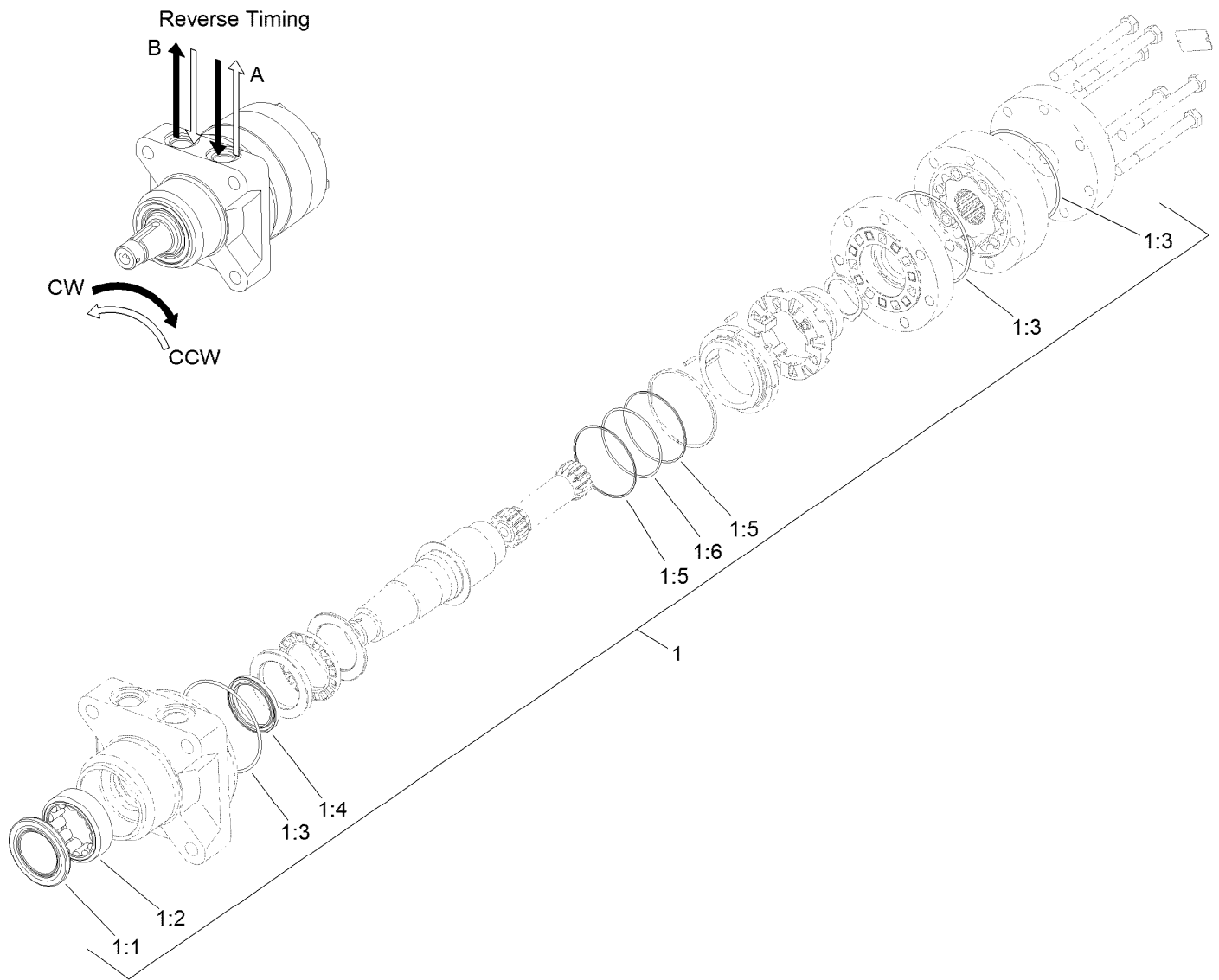
| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 9    | 3296-42     | 3    | Nut-Lock, NI            |
| 10   | 133-2934    | 1    | Hydraulic Motor ASM     |
| 11   | 3234-4      | 3    | Screw-HHF               |
| 13   | 114-0389    | 1    | Hydraulic Tube ASM      |
| 13:1 | 237-65      | 1    | O-Ring                  |
| 14   | 119-0011    | 1    | Pressure Transducer ASM |
| 14:1 | 237-78      | 1    | O-Ring                  |
| 15   | 115-1794    | 1    | Screw-HHF               |
| 16   | 56-7971     | 2    | Clamp-Tube              |
| 17   | 104-8300    | 1    | Nut-HF, NI              |



## 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 ●        |

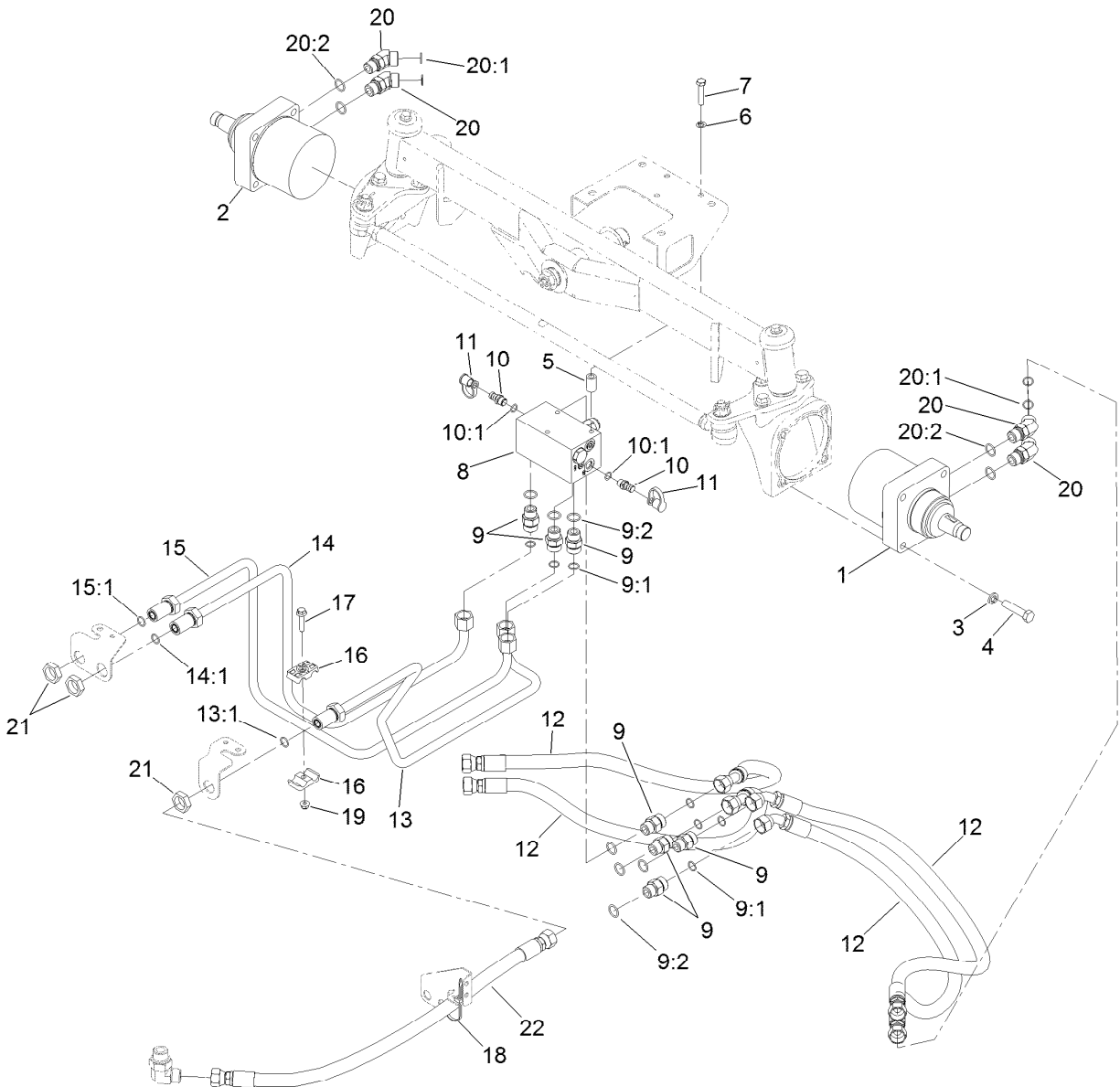
● Not serviced separately



## 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

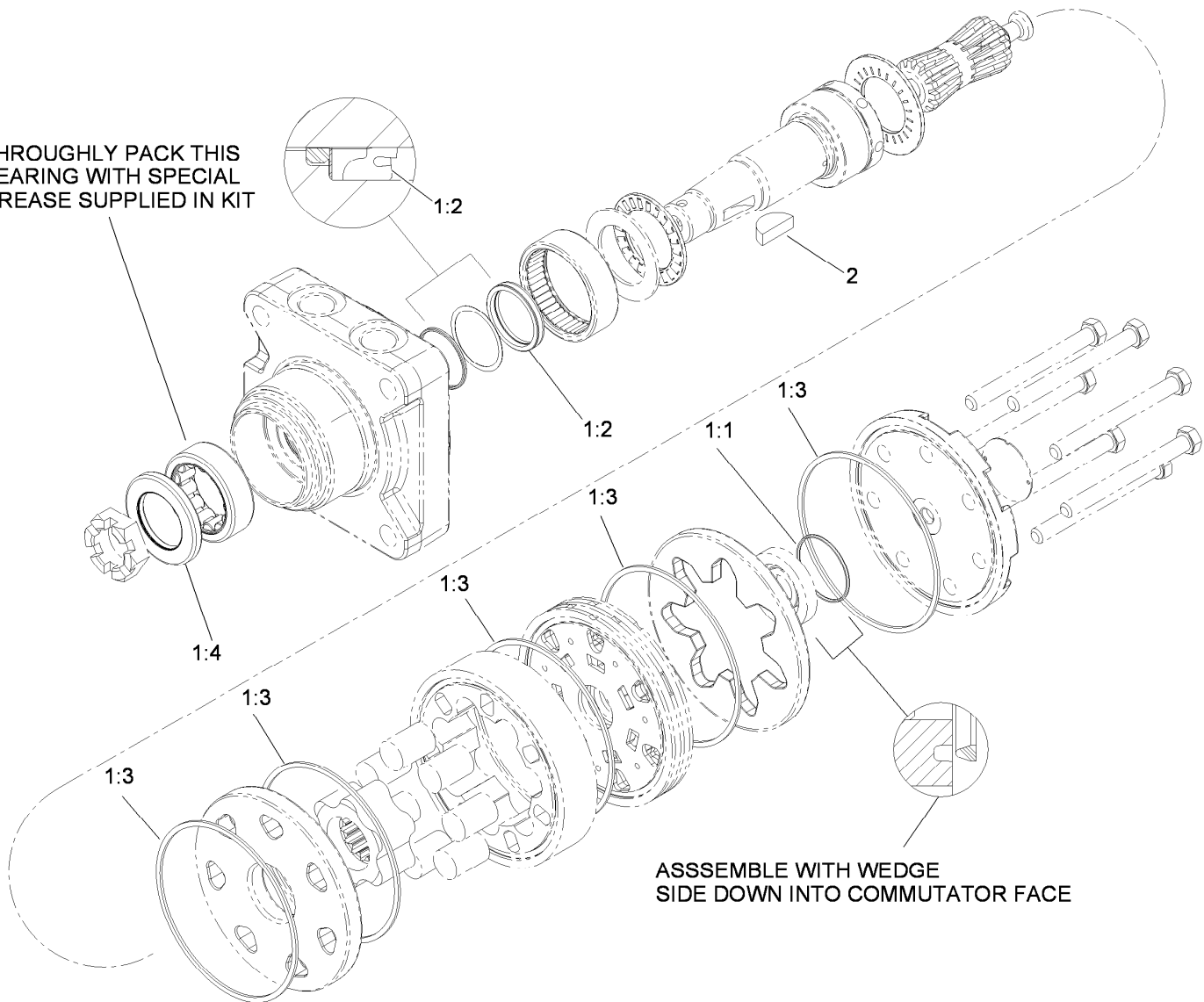


## Rear Traction Hydraulic Circuit

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 107-4544    | 1    | HYD Motor ASM      |
| 2    | 110-0901    | 1    | HYD Motor ASM      |
| 3    | 3253-7      | 8    | Washer-Lock        |
| 4    | 325-9       | 8    | Screw-HH           |
| 5    | 93-6981     | 3    | Spacer             |
| 6    | 3253-21     | 3    | Washer-Lock        |
| 7    | 323-9       | 3    | Screw-HH           |
| 8    | 108-1825    | 1    | HYD Manifold ASM   |
| 9    | 340-7       | 7    | Fitting-Straight   |
| 9:1  | 237-65      | 1    | O-Ring             |
| 9:2  | 237-80      | 1    | O-Ring             |
| 10   | 59-7410     | 2    | Fitting-Diagnostic |
| 10:1 | 237-42      | 1    | O-Ring             |
| 11   | 354-79      | 2    | Cap-Dust           |
| 12   | 106-3662    | 4    | Hose-HYD           |

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 13   | 108-7626    | 1    | Tube ASM            |
| 13:1 | 237-65      | 1    | O-Ring              |
| 14   | 108-7625    | 1    | Tube ASM            |
| 14:1 | 237-65      | 1    | O-Ring              |
| 15   | 108-7624    | 1    | Tube ASM            |
| 15:1 | 237-65      | 1    | O-Ring              |
| 16   | 56-7971     | 2    | Clamp-Tube          |
| 17   | 94-5780     | 1    | Screw-HWH           |
| 18   | 3290-378    | 1    | Tie-Cable           |
| 19   | 104-8300    | 1    | Nut-HF, NI          |
| 20   | 340-14      | 4    | Fitting-HYD, 45 DEG |
| 20:1 | 237-65      | 1    | O-Ring              |
| 20:2 | 237-80      | 1    | O-Ring              |
| 21   | 340-74      | 3    | Nut-Lock, Bulkhead  |
| 22   | 108-7645    | 1    | Hose-HYD            |

THOROUGHLY PACK THIS BEARING WITH SPECIAL GREASE SUPPLIED IN KIT



ASSEMBLE WITH WEDGE  
SIDE DOWN INTO COMMUTATOR FACE

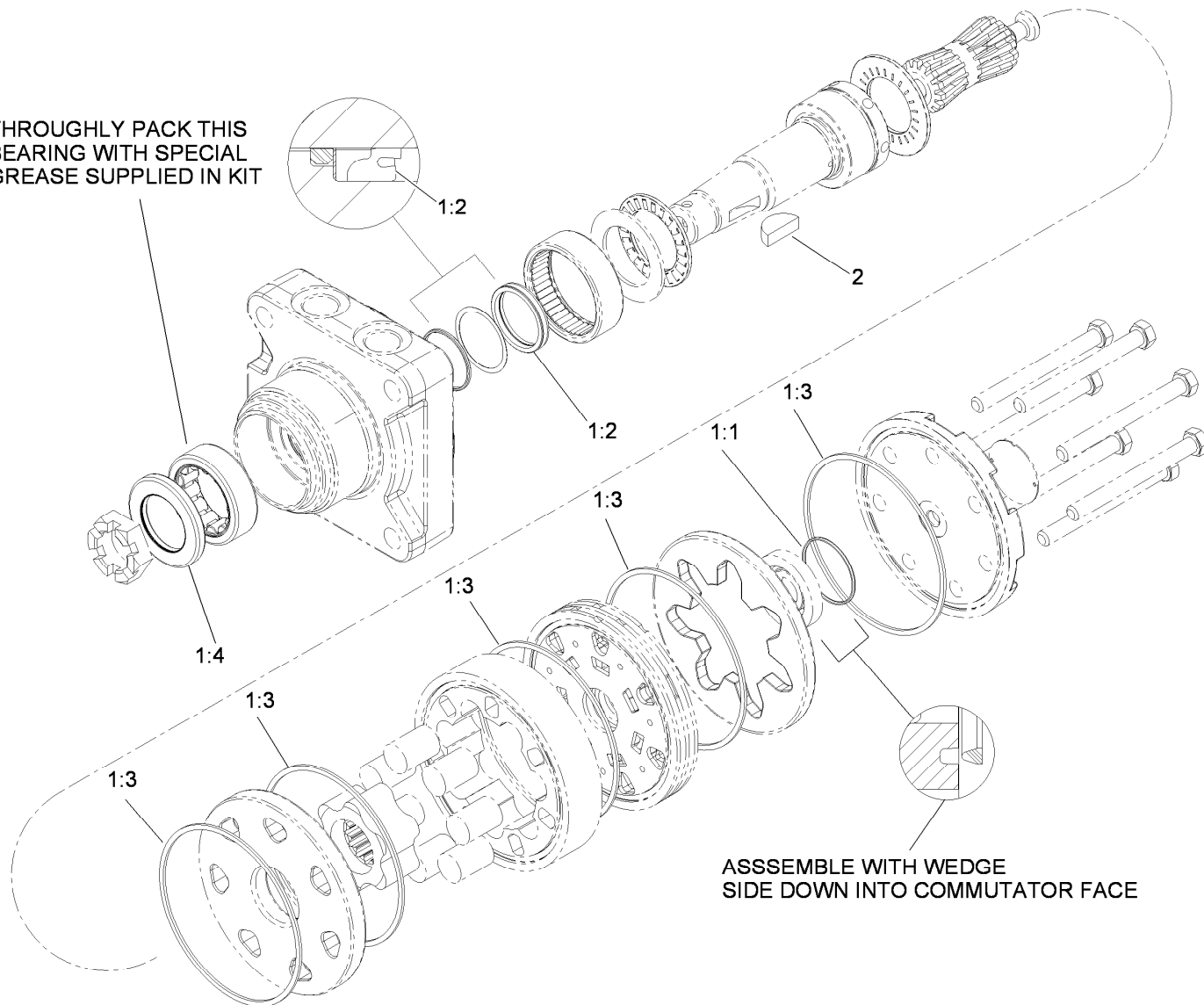
## Hydraulic Motor Assembly No. 107-4544

| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 1    | 110-8897    | 1    | Seal Kit ●                |
| 1:1  |             | 1    | Seal-Commutator, Vespel ■ |
| 1:2  |             | 1    | Seal-Shaft ■              |
| 1:3  |             | 5    | Seal-Body, Buna ■         |
| 1:4  |             | 1    | Seal-Dirt / Water ■       |
| 2    | 3257-42     | 1    | Key-Woodruff              |

● Not illustrated

■ Not serviced separately

THOROUGHLY PACK THIS  
BEARING WITH SPECIAL  
GREASE SUPPLIED IN KIT

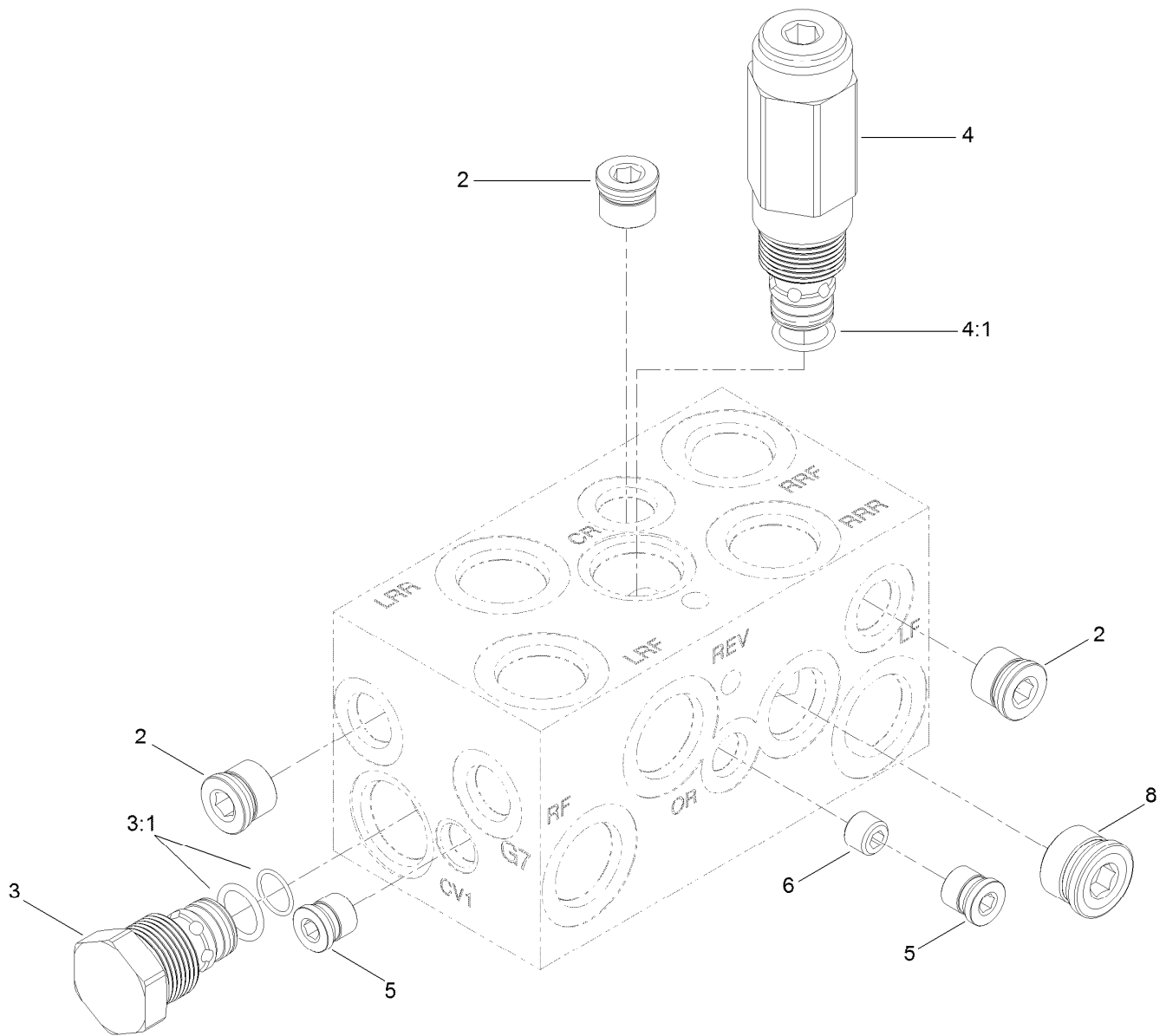


## Hydraulic Motor Assembly No. 110-0901

| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 1    | 110-8897    | 1    | Seal Kit ●                |
| 1:1  |             | 1    | Seal-Commutator, Vespel ■ |
| 1:2  |             | 1    | Seal-Shaft ■              |
| 1:3  |             | 5    | Seal-Body, Buna ■         |
| 1:4  |             | 1    | Seal-Dirt / Water ■       |
| 2    | 3257-42     | 1    | Key-Woodruff              |

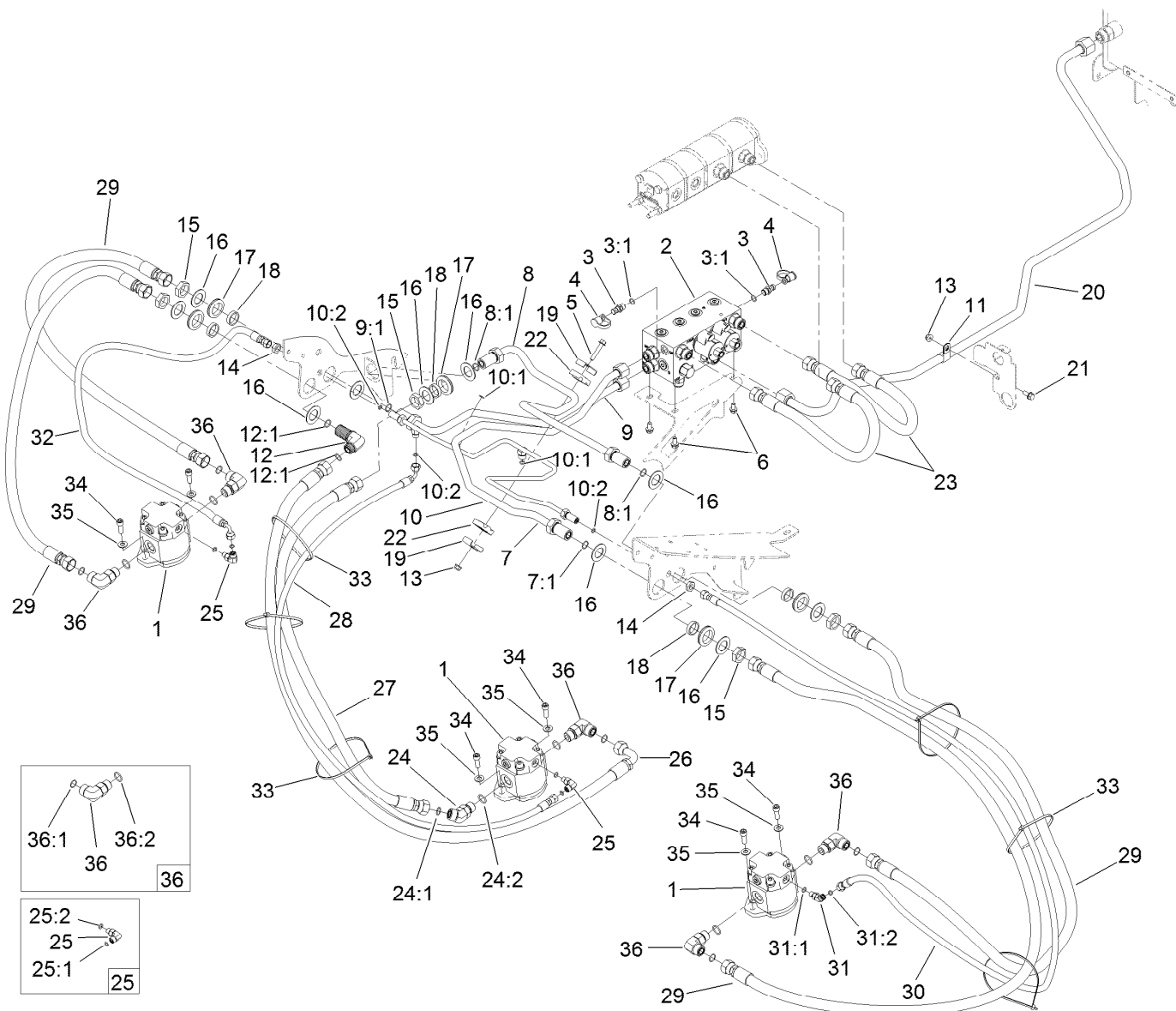
● Not illustrated

■ Not serviced separately



## Four Wheel Drive Manifold Assembly No. 108-1825

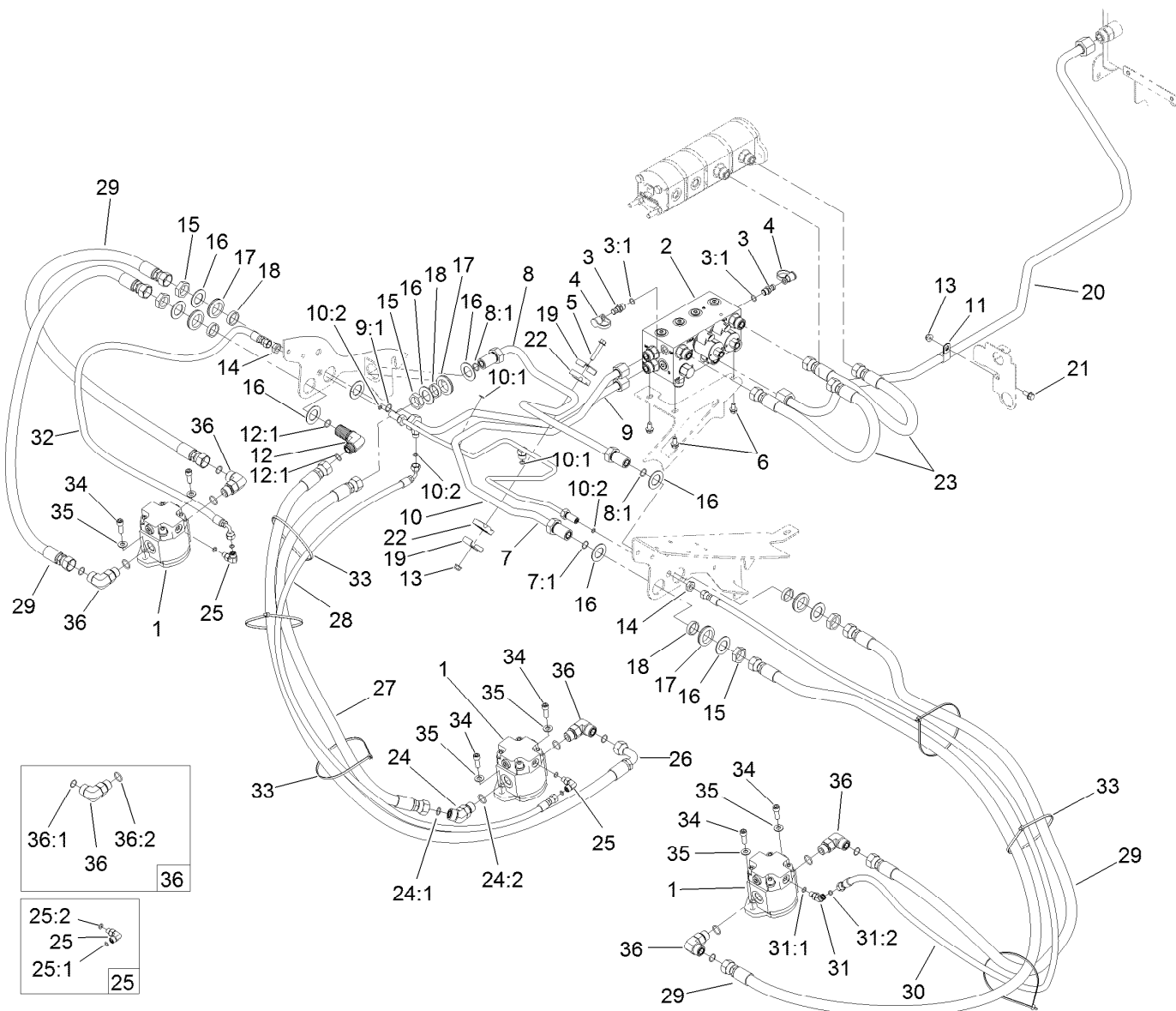
| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 2    | 106-1026    | 3    | Plug-HYD                 |
| 3    | 110-8881    | 2    | Valve-Check              |
| 3:1  | 105-9159    | 1    | Seal Kit                 |
| 4    | 110-8882    | 1    | Valve-Relief, Cross Over |
| 4:1  | 110-6316    | 1    | Seal Kit                 |
| 5    | 106-1025    | 2    | Plug-HYD                 |
| 6    | 110-8883    | 1    | Plug-Orifice (0.040)     |
| 8    | 106-1027    | 1    | Plug                     |



## Deck No. 1, 4 and 5 Hydraulic Circuit Assembly

| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 1    | 108-4004    | 3    | Gear Motor ASM            |
| 2    | 114-0359    | 1    | Deck Control Manifold ASM |
| 3    | 59-7410     | 2    | Fitting-Diagnostic        |
| 3:1  | 237-42      | 1    | O-Ring                    |
| 4    | 354-79      | 2    | Cap-Dust                  |
| 5    | 94-5780     | 1    | Screw-HWH                 |
| 6    | 3234-14     | 3    | Screw-HHF                 |
| 7    | 117-0138    | 1    | Tube ASM                  |
| 7:1  | 237-65      | 1    | O-Ring                    |
| 8    | 117-0137    | 1    | Tube ASM                  |
| 8:1  | 237-65      | 2    | O-Ring                    |
| 9    | 117-0139    | 1    | Tube ASM                  |
| 9:1  | 237-65      | 1    | O-Ring                    |
| 10   | 110-5286    | 1    | Tube ASM                  |
| 10:1 | 237-22      | 2    | O-Ring                    |
| 10:2 | 237-21      | 3    | O-Ring                    |
| 11   | 2412-4      | 1    | Clamp-R                   |
| 12   | 340-72      | 1    | Fitting-Bulkhead, 90 DEG  |
| 12:1 | 237-65      | 2    | O-Ring                    |
| 13   | 104-8300    | 2    | Nut-HF, NI                |
| 14   | 340-78      | 2    | Nut-Lock                  |

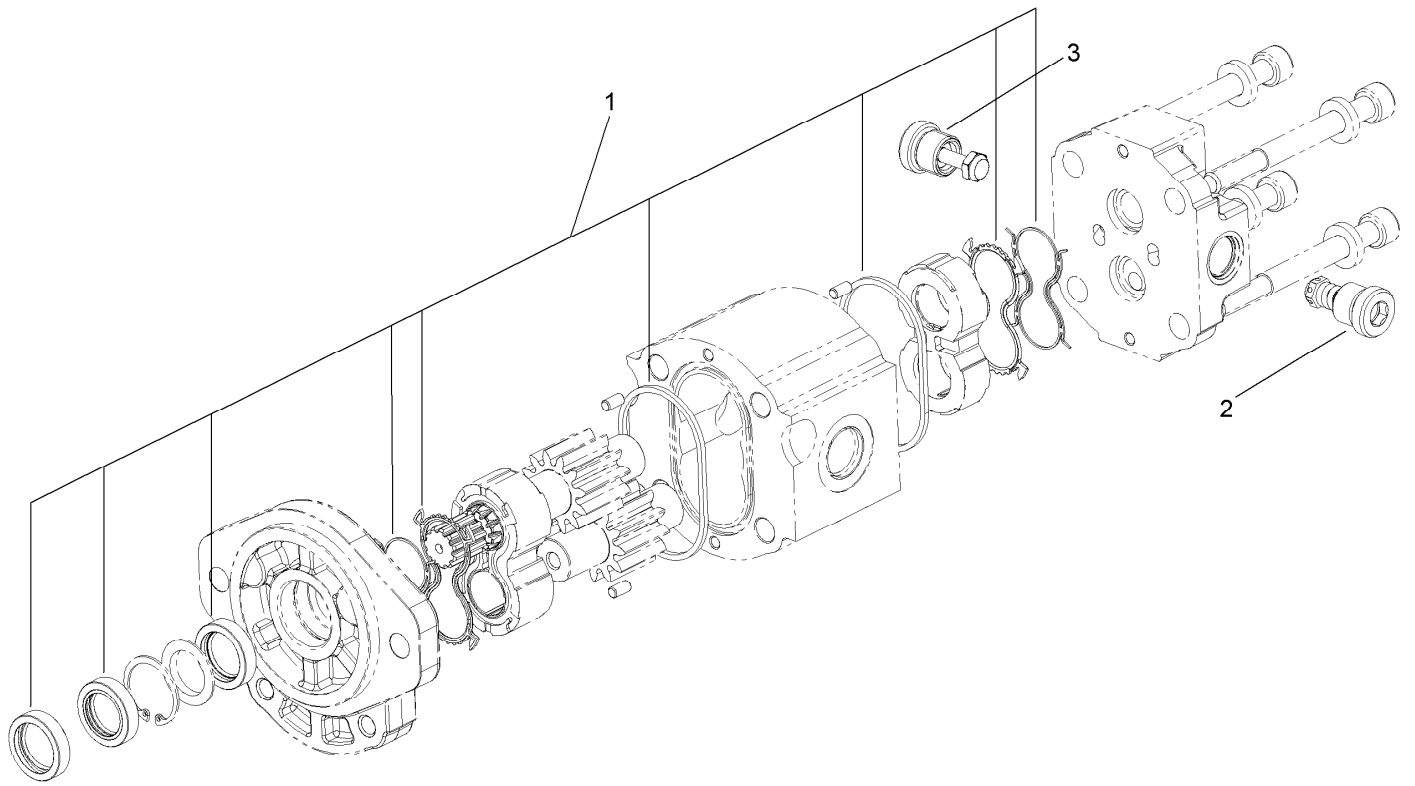
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 15   | 340-74      | 5    | Nut-Lock, Bulkhead    |
| 16   | 69-9010     | 10   | Washer                |
| 17   | 240-3       | 5    | Grommet-Rubber        |
| 18   | 125-1984    | 5    | Spacer                |
| 19   | 119-1419    | 2    | Plate-Clamp           |
| 20   | 120-3769    | 1    | Hydraulic Tube ASM    |
| 21   | 3234-5      | 1    | Screw-HHF             |
| 22   | 56-7970     | 2    | Clamp-Tube            |
| 23   | 108-1686    | 2    | Hose-HYD              |
| 24   | 340-14      | 1    | Fitting-HYD, 45 DEG   |
| 24:1 | 237-65      | 1    | O-Ring                |
| 24:2 | 237-80      | 1    | O-Ring                |
| 25   | 340-132     | 2    | Fitting-Elbow, 90 DEG |
| 25:1 | 237-78      | 1    | O-Ring                |
| 25:2 | 237-21      | 1    | O-Ring                |
| 26   | 117-0213    | 1    | HYD Hose ASM          |
| 27   | 117-0211    | 1    | HYD Hose ASM          |
| 28   | 117-0212    | 1    | HYD Hose ASM          |
| 29   | 117-0299    | 4    | HYD Hose ASM          |
| 30   | 104-9323    | 1    | Hose-HYD              |
| 31   | 340-103     | 1    | Fitting-HYD, 45 DEG   |



## Deck No. 1, 4 and 5 Hydraulic Circuit Assembly (continued)

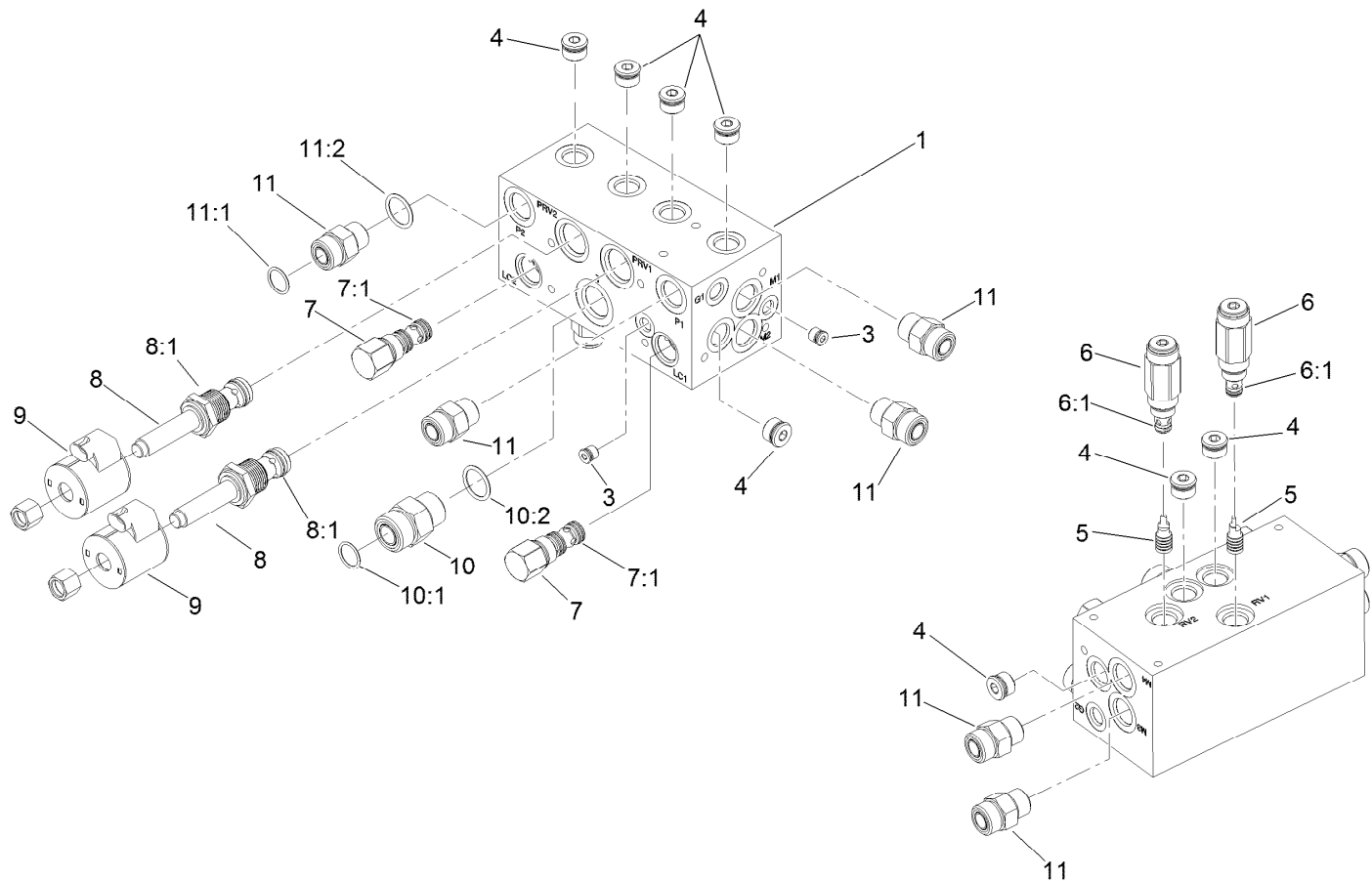
| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------|
| 31:1 | 237-78      | 1    | O-Ring      |
| 31:2 | 237-21      | 1    | O-Ring      |
| 32   | 92-7638     | 1    | Hose ASM    |
| 33   | 3334-945    | 9    | Tie-Cable   |
| 34   | 3274-7      | 6    | Screw-HSH   |

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 35   | 3256-24     | 6    | Washer-Flat           |
| 36   | 340-17      | 5    | Fitting-Elbow, 90 DEG |
| 36:1 | 237-65      | 1    | O-Ring                |
| 36:2 | 237-80      | 1    | O-Ring                |



## Gear Motor Assembly No. 108-4004

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>   |
|-------------|--------------------|-------------|----------------------|
| 1           | 117-0235           | 1           | Seal Kit             |
| 2           | 107-7820           | 1           | Valve-Relief         |
| 3           | 107-7821           | 1           | Valve-Anticavitation |

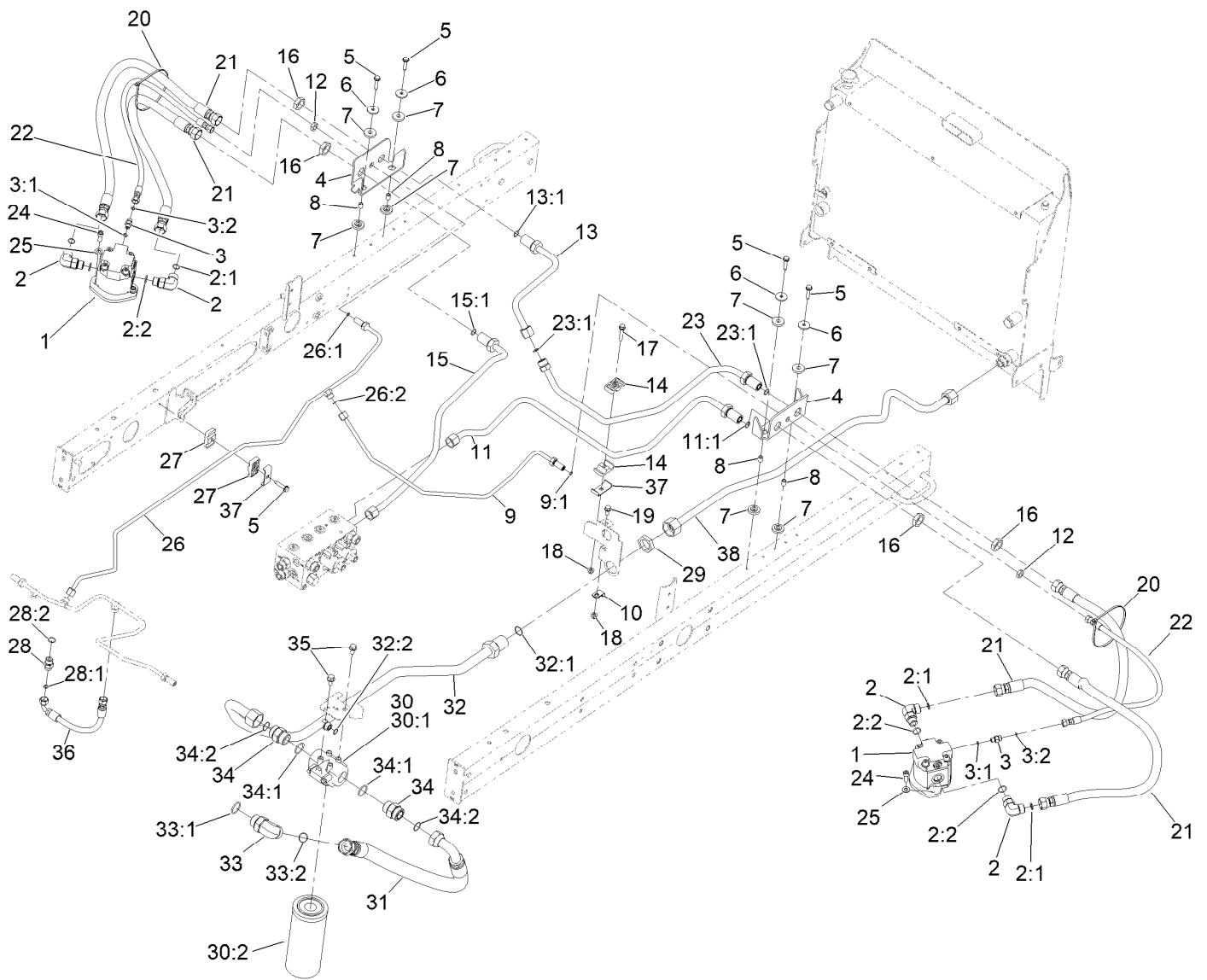


## Deck Control Manifold Assembly No. 114-0359

| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    |             | 1    | Hydraulic Manifold ●       |
| 3    | 106-1025    | 2    | Plug-HYD                   |
| 4    | 106-1027    | 8    | Plug                       |
| 5    | 105-9157    | 2    | Piston-Pilot               |
| 6    | 112-5259    | 2    | Valve-Relief               |
| 6:1  | 105-9156    | 1    | Seal Kit                   |
| 7    | 105-9153    | 2    | Element-Logic, Vented      |
| 7:1  | 119-2159    | 1    | Seal Kit                   |
| 8    | 117-0229    | 2    | Valve-Relief, Proportional |

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 8:1  | 117-1114    | 1    | Seal Kit         |
| 9    | 110-6344    | 2    | Coil-12V, DC     |
| 10   | 340-9       | 1    | Fitting-STR      |
| 10:1 | 237-58      | 1    | O-Ring           |
| 10:2 | 237-81      | 1    | O-Ring           |
| 11   | 340-7       | 2    | Fitting-Straight |
| 11:1 | 237-65      | 1    | O-Ring           |
| 11:2 | 237-80      | 1    | O-Ring           |

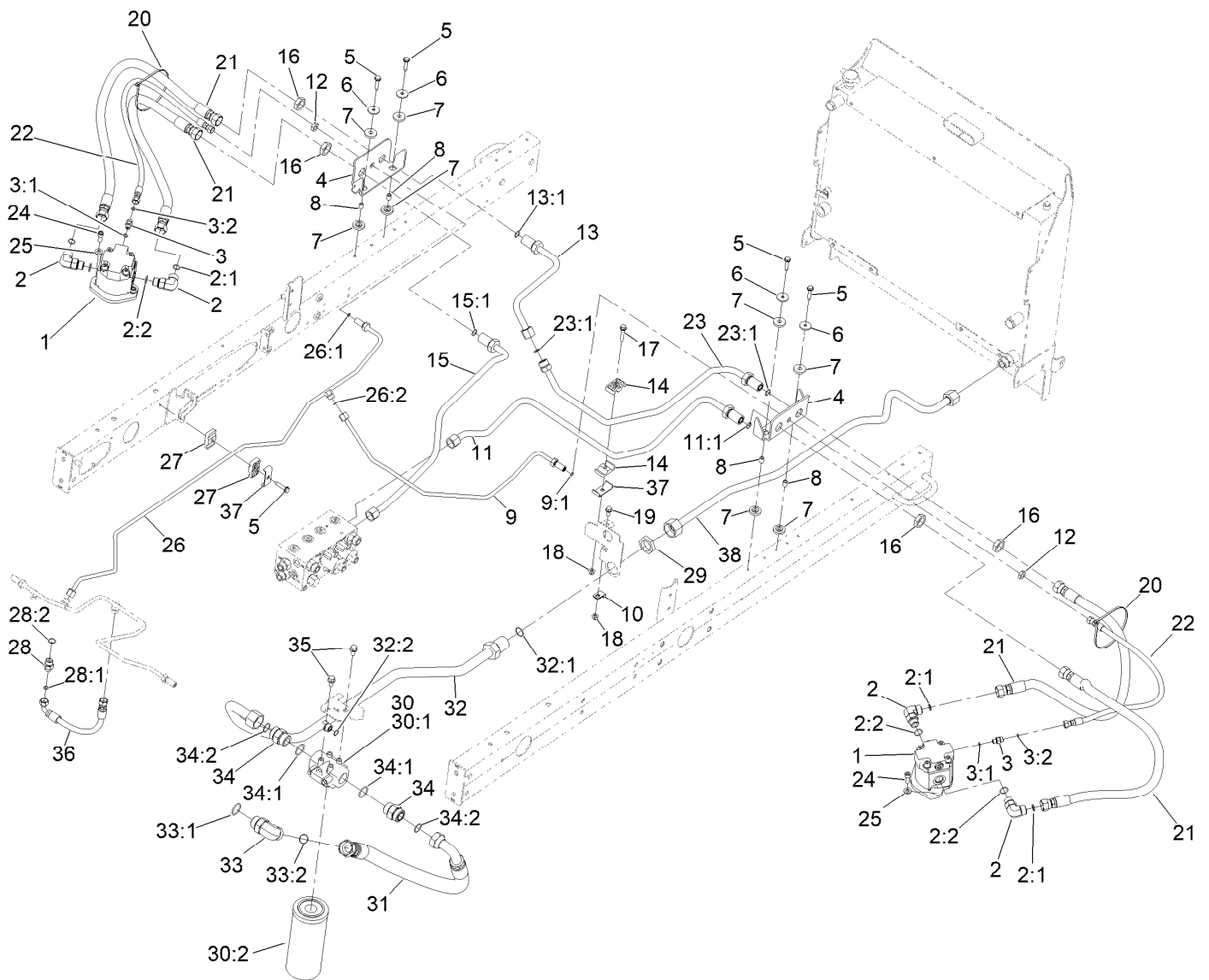
● Not serviced separately



## Deck No. 2 and 3 Hydraulic Circuit Assembly

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 108-4004    | 2    | Gear Motor ASM        |
| 2    | 340-17      | 4    | Fitting-Elbow, 90 DEG |
| 2:1  | 237-65      | 1    | O-Ring                |
| 2:2  | 237-80      | 1    | O-Ring                |
| 3    | 340-92      | 2    | Fitting-Straight      |
| 3:1  | 237-78      | 1    | O-Ring                |
| 3:2  | 237-21      | 1    | O-Ring                |
| 4    | 117-0174-03 | 2    | Bracket-Bulkhead      |
| 5    | 32144-57    | 5    | Screw                 |
| 6    | 105-3048    | 4    | Washer-Flat           |
| 7    | 240-11      | 8    | Bushing-Flange        |
| 8    | 99-8611     | 4    | Spacer                |
| 9    | 120-3772    | 1    | HYD Tube ASM          |
| 9:1  | 237-21      | 1    | O-Ring                |
| 10   | 2412-113    | 1    | Clamp-R               |
| 11   | 120-3774    | 1    | HYD Tube ASM          |
| 11:1 | 237-65      | 1    | O-Ring                |
| 12   | 340-78      | 2    | Nut-Lock              |
| 13   | 117-0140    | 1    | Tube ASM              |
| 13:1 | 237-65      | 1    | O-Ring                |
| 14   | 56-7971     | 2    | Clamp-Tube            |

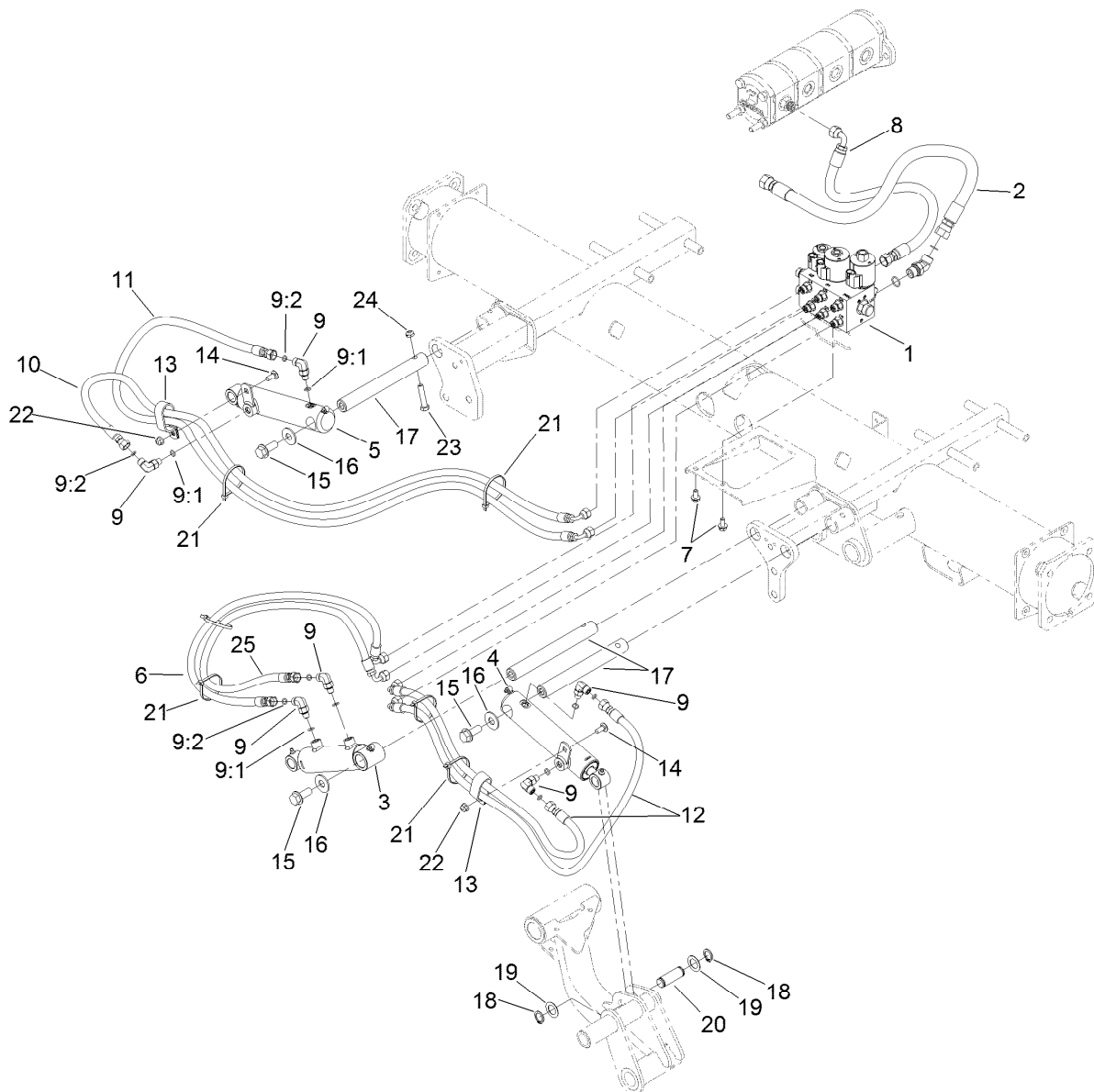
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 15   | 120-3773    | 1    | Tube ASM HYD       |
| 15:1 | 237-65      | 1    | O-Ring             |
| 16   | 340-74      | 4    | Nut-Lock, Bulkhead |
| 17   | 94-5780     | 1    | Screw-HWH          |
| 18   | 104-8300    | 2    | Nut-HF, NI         |
| 19   | 3234-5      | 1    | Screw-HHF          |
| 20   | 3334-945    | 6    | Tie-Cable          |
| 21   | 105-1215    | 4    | Hose-HYD           |
| 22   | 108-6507    | 2    | Hose-HYD           |
| 23   | 120-3775    | 1    | HYD Tube ASM       |
| 23:1 | 237-65      | 2    | O-Ring             |
| 24   | 3274-7      | 4    | Screw-HSH          |
| 25   | 3256-24     | 4    | Washer-Flat        |
| 26   | 120-3811    | 1    | HYD Tube ASM       |
| 26:1 | 237-21      | 1    | O-Ring             |
| 26:2 | 237-22      | 1    | O-Ring             |
| 27   | 56-7972     | 2    | Clamp-Tube         |
| 28   | 340-3       | 1    | Fitting-Straight   |
| 28:1 | 237-22      | 1    | O-Ring             |
| 28:2 | 237-79      | 1    | O-Ring             |
| 29   | 340-128     | 1    | Nut-Bulkhead       |



## Deck No. 2 and 3 Hydraulic Circuit Assembly (continued)

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 30   | 98-3923     | 1    | Oil Filter ASM        |
| 30:1 | 104-0080    | 1    | Filter Head ASM       |
| 30:2 | 94-2621     | 1    | Element-Filter        |
| 31   | 108-1689    | 1    | Hose-HYD              |
| 32   | 108-1699    | 1    | Tube ASM              |
| 32:1 | 340-65      | 1    | O-Ring                |
| 32:2 | 237-30      | 1    | O-Ring                |
| 33   | 340-129     | 1    | Fitting-Elbow, 90 DEG |
| 33:1 | 237-146     | 1    | O-Ring                |

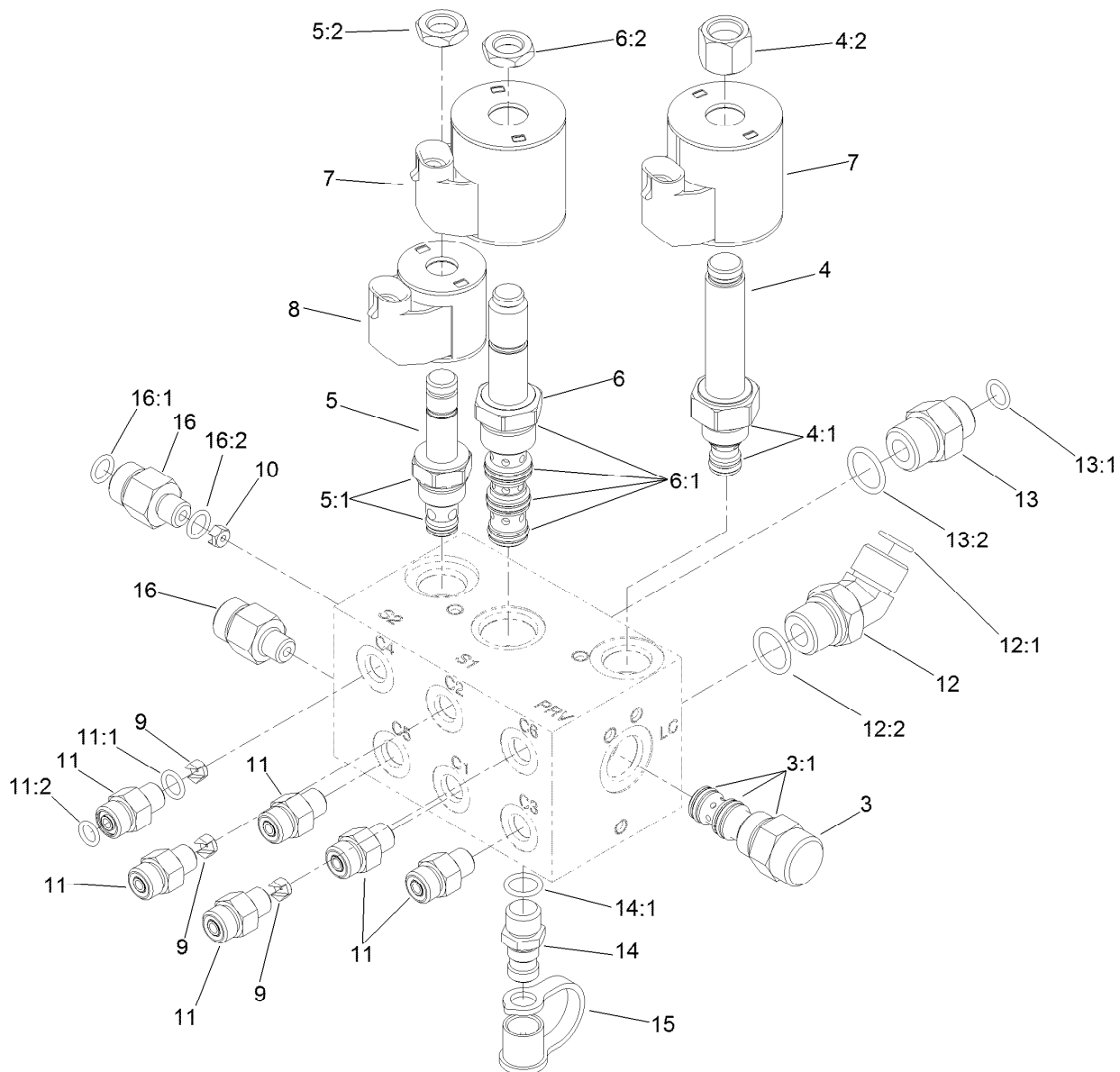
| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 33:2 | 340-65      | 1    | O-Ring           |
| 34   | 104-3797    | 2    | Fitting-Straight |
| 34:1 | 237-146     | 1    | O-Ring           |
| 34:2 | 340-65      | 1    | O-Ring           |
| 35   | 3234-1      | 2    | Screw-HHF        |
| 36   | 66-8490     | 1    | Hose-HYD         |
| 37   | 119-1419    | 3    | Plate-Clamp      |
| 38   | 121-5600    | 1    | HYD Tube ASM     |



## Deck No. 1, 4 and 5 Lift Circuit Hydraulic Assembly

| Ref. | Part Number | Qty. | Description               |
|------|-------------|------|---------------------------|
| 1    | 117-0158    | 1    | Lift Control Manifold ASM |
| 2    | 117-0180    | 1    | Hose-HYD                  |
| 3    | 119-6989    | 1    | HYD Cylinder ASM          |
| 4    | 119-6990    | 1    | HYD Cylinder ASM          |
| 5    | 119-6991    | 1    | HYD Cylinder ASM          |
| 6    | 117-0253    | 1    | Hose-HYD                  |
| 7    | 3234-14     | 2    | Screw-HHF                 |
| 8    | 92-5694     | 1    | Hose-Hydraulic            |
| 9    | 340-132     | 6    | Fitting-Elbow, 90 DEG     |
| 9:1  | 237-78      | 1    | O-Ring                    |
| 9:2  | 237-21      | 1    | O-Ring                    |
| 10   | 117-0262    | 1    | Hose-HYD                  |
| 11   | 117-0261    | 1    | Hose-HYD                  |
| 12   | 85-4940     | 2    | Hose-HYD                  |

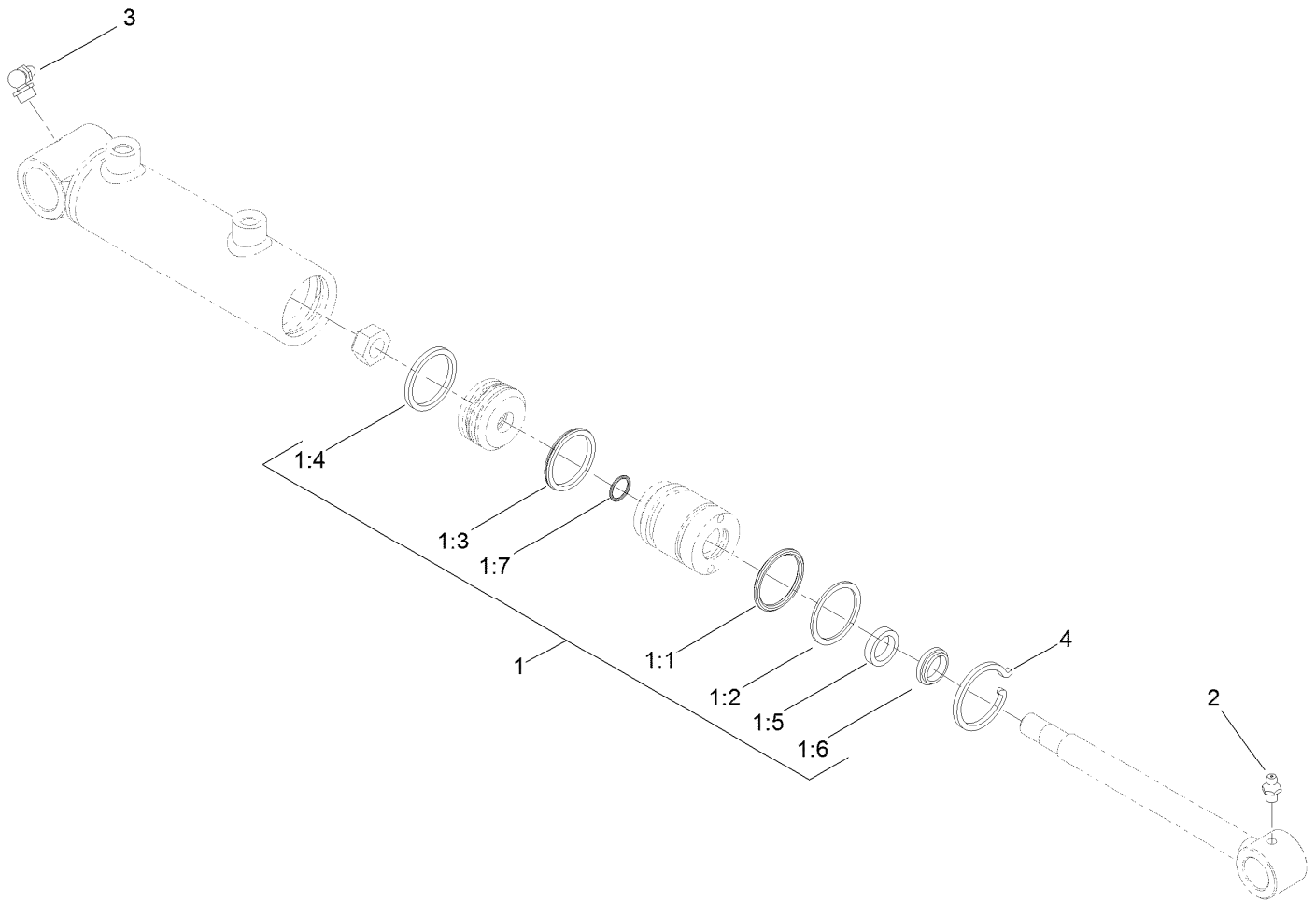
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 13   | 2412-137    | 2    | Clamp-R, Double     |
| 14   | 3230-23     | 2    | Bolt-CARR           |
| 15   | 3234-38     | 3    | Screw-HHF           |
| 16   | 3256-6      | 3    | Washer-Flat         |
| 17   | 117-0148    | 3    | Pin-Cylinder        |
| 18   | 32120-93    | 6    | Ring-Retaining      |
| 19   | 3-6498      | 6    | Washer-Thrust       |
| 20   | 104-0046    | 3    | Pin-Slide, Cylinder |
| 21   | 3290-379    | 6    | Tie-Cable           |
| 22   | 104-8300    | 2    | Nut-HF, NI          |
| 23   | 323-9       | 3    | Screw-HH            |
| 24   | 3296-59     | 3    | Nut-Lock, NI        |
| 25   | 117-0254    | 1    | HP HYD Hose ASM     |



## Lift Control Manifold Assembly No. 117-0158

| Ref. | Part Number | Qty. | Description                   |
|------|-------------|------|-------------------------------|
| 3    | 117-0228    | 1    | Element-Directional, Pilot    |
| 3:1  | 115-5413    | 1    | Seal Kit                      |
| 4    | 117-0227    | 1    | Valve-Relief, Proportional    |
| 4:1  | 105-9156    | 1    | Seal Kit                      |
| 4:2  | 130-8180    | 1    | Nut-Coil (9/16-24 Unef-2B)    |
| 5    | 107-7516    | 1    | Solenoid Valve ASM            |
| 5:1  | 105-9156    | 1    | Seal Kit                      |
| 5:2  | 110-2634    | 1    | Nut-Coil                      |
| 6    | 110-8906    | 1    | Valve-Solenoid                |
| 6:1  | 110-8908    | 1    | Spool Valve Seal Kit          |
| 6:2  | 110-2634    | 1    | Nut-Coil                      |
| 7    | 110-6344    | 2    | Coil-12V, DC                  |
| 8    | 110-0497    | 1    | Coil-Solenoid                 |
| 9    | 110-8902    | 3    | Orifice-Control, Flow (0.046) |
| 10   | 114-4682    | 1    | Orifice-Flow Control (.030)   |
| 11   | 340-92      | 6    | Fitting-Straight              |

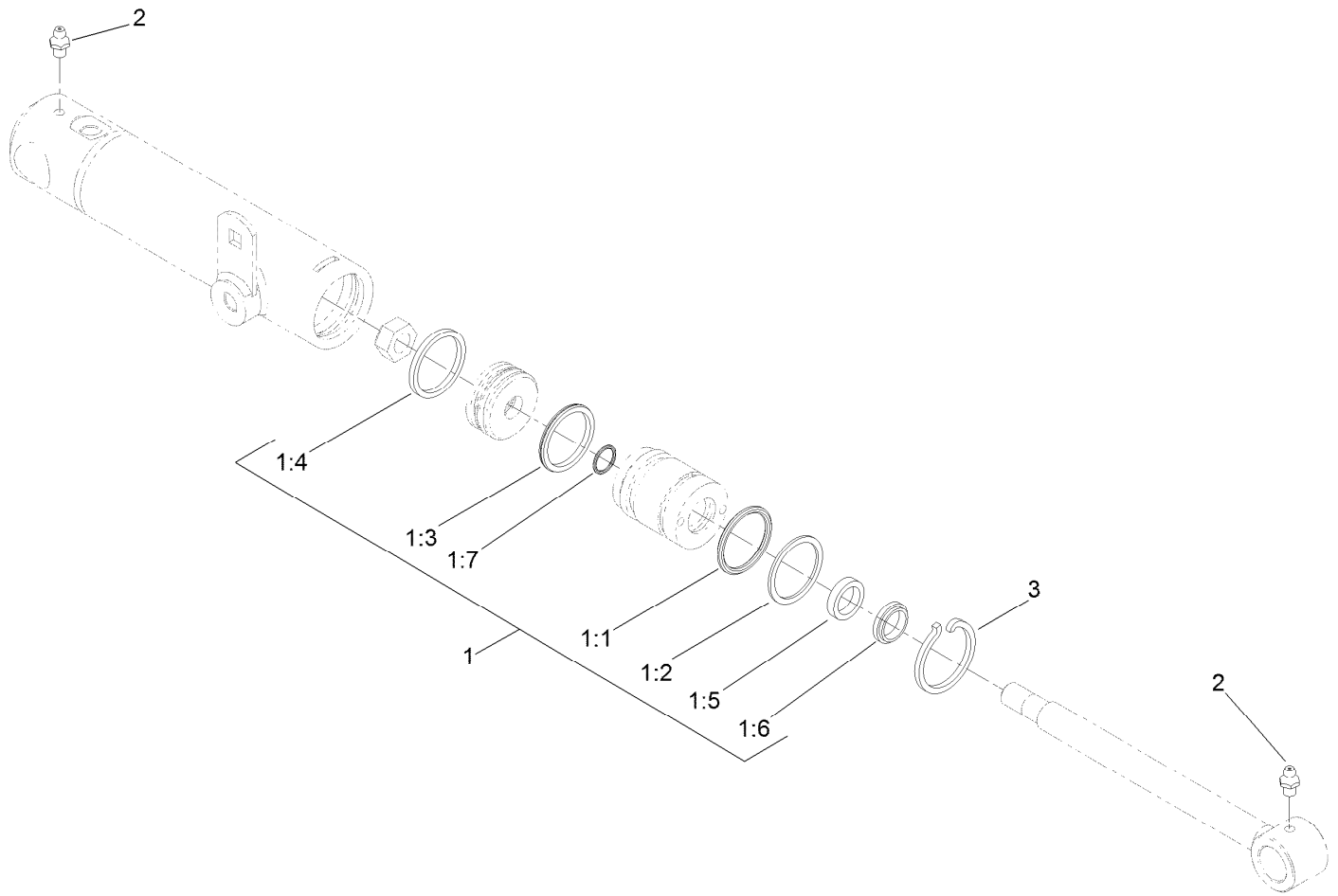
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 11:1 | 237-78      | 1    | O-Ring              |
| 11:2 | 237-21      | 1    | O-Ring              |
| 12   | 340-101     | 1    | Fitting-HYD, 45 DEG |
| 12:1 | 237-30      | 1    | O-Ring              |
| 12:2 | 237-79      | 1    | O-Ring              |
| 13   | 340-3       | 1    | Fitting-Straight    |
| 13:1 | 237-22      | 1    | O-Ring              |
| 13:2 | 237-79      | 1    | O-Ring              |
| 14   | 59-7410     | 1    | Fitting-Diagnostic  |
| 14:1 | 237-42      | 1    | O-Ring              |
| 15   | 354-79      | 1    | Cap-Dust            |
| 16   | 340-88      | 2    | Fitting-Straight    |
| 16:1 | 237-22      | 1    | O-Ring              |
| 16:2 | 237-78      | 1    | O-Ring              |



## Hydraulic Cylinder Assembly No. 119-6989

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

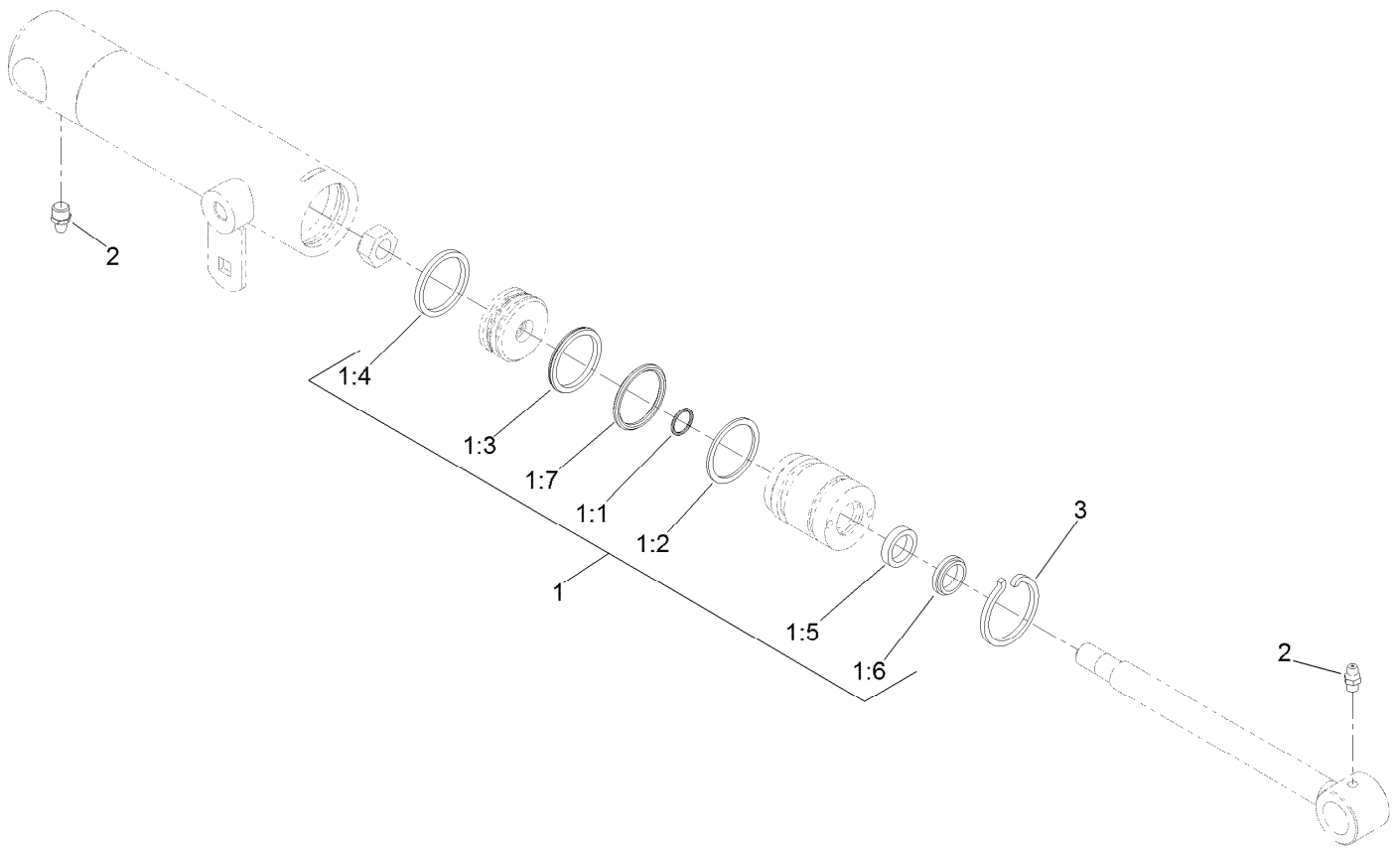
● Not serviced separately



## Hydraulic Cylinder Assembly No. 119-6990

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

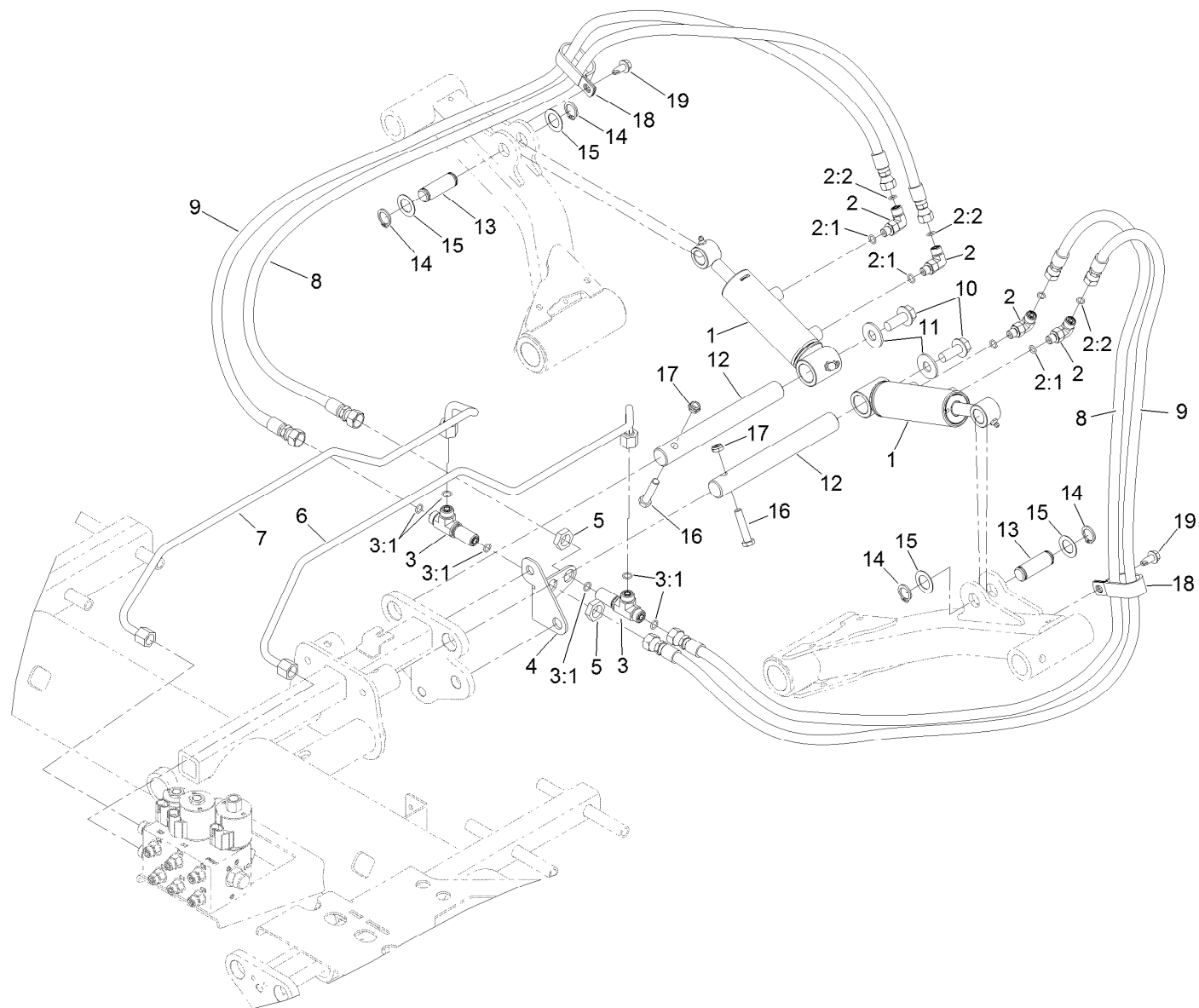
● Not serviced separately



## Hydraulic Cylinder Assembly No. 119-6991

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

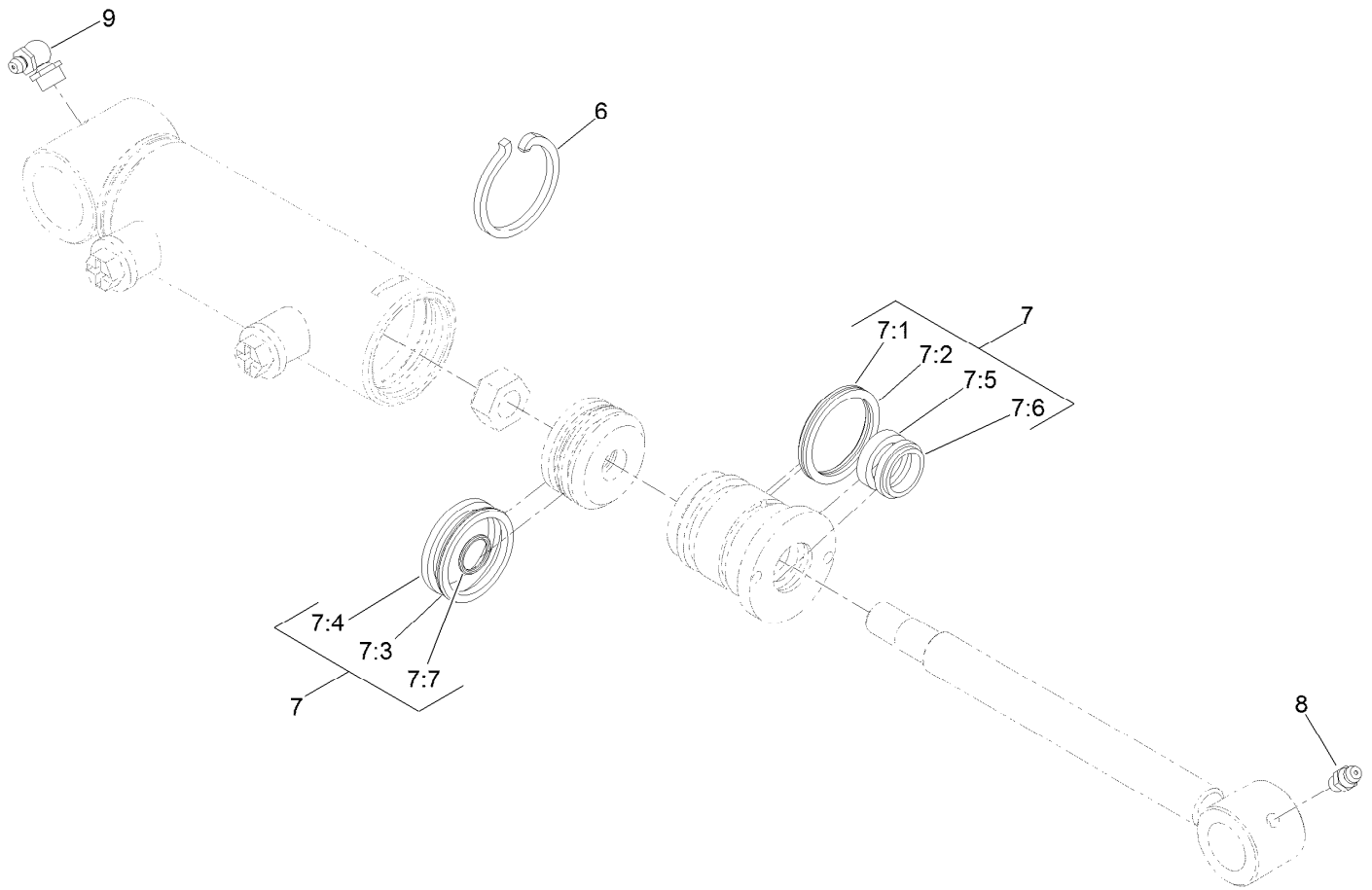
● Not serviced separately



## Rear Lift Circuit Hydraulic Assembly

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 1    | 138-6999    | 2    | HYD Cylinder ASM      |
| 2    | 340-132     | 4    | Fitting-Elbow, 90 DEG |
| 2:1  | 237-78      | 1    | O-Ring                |
| 2:2  | 237-21      | 1    | O-Ring                |
| 3    | 340-68      | 2    | Fitting-Tee, Bulkhead |
| 3:1  | 237-22      | 3    | O-Ring                |
| 4    | 117-0179    | 1    | Bracket-Bulkhead      |
| 5    | 340-70      | 2    | Nut-Lock              |
| 6    | 117-0175    | 1    | Tube-HYD              |
| 7    | 117-0176    | 1    | Tube-HYD              |
| 8    | 105-5402    | 2    | Hose-HYD              |

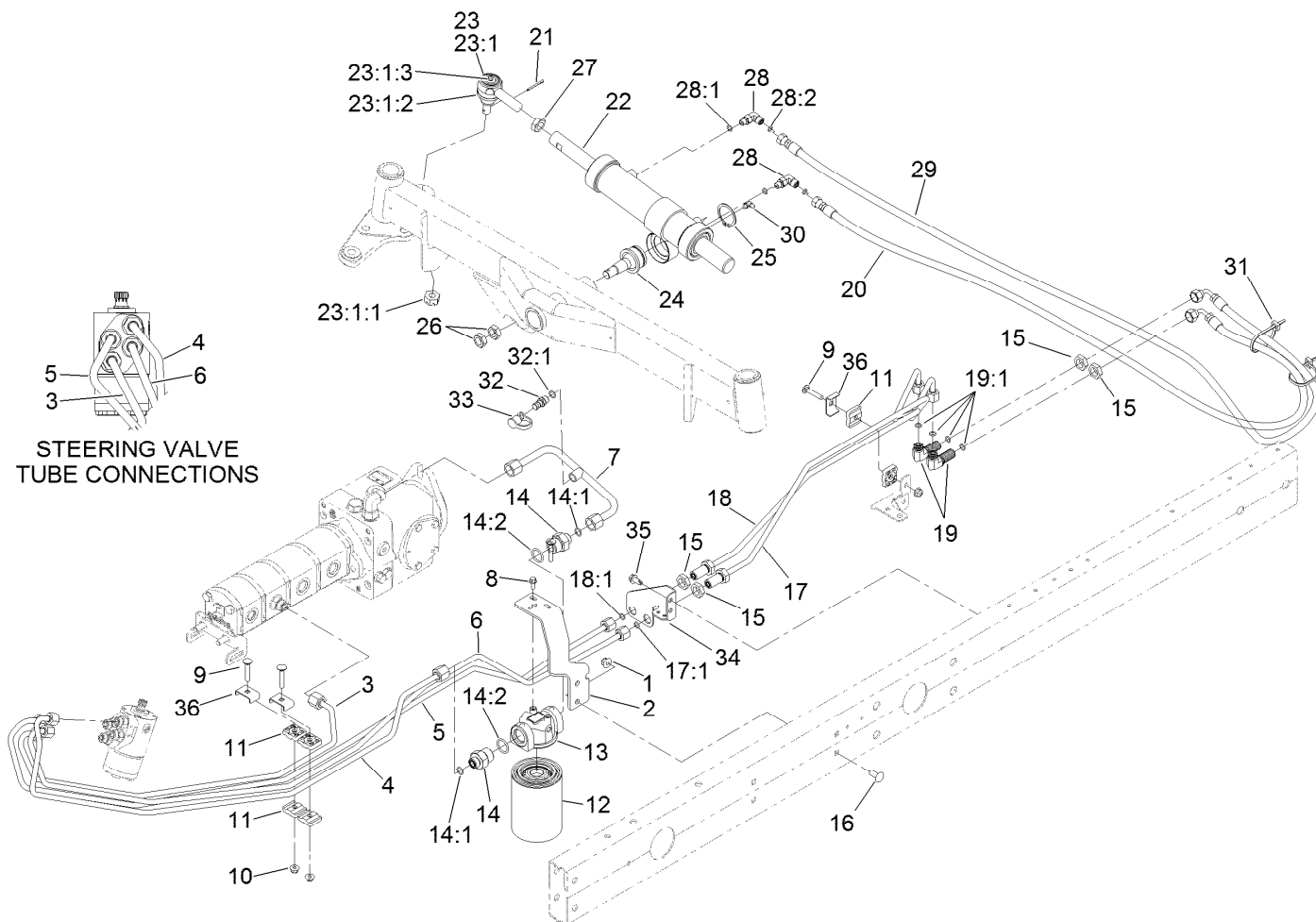
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 9    | 105-5405    | 2    | Hose-HYD            |
| 10   | 3234-38     | 2    | Screw-HHF           |
| 11   | 3256-6      | 2    | Washer-Flat         |
| 12   | 117-0148    | 2    | Pin-Cylinder        |
| 13   | 104-0046    | 2    | Pin-Slide, Cylinder |
| 14   | 32120-93    | 4    | Ring-Retaining      |
| 15   | 3-6498      | 4    | Washer-Thrust       |
| 16   | 323-9       | 2    | Screw-HH            |
| 17   | 3296-59     | 2    | Nut-Lock, NI        |
| 18   | 2412-137    | 2    | Clamp-R, Double     |
| 19   | 32104-32    | 2    | Screw-HWH           |



## 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

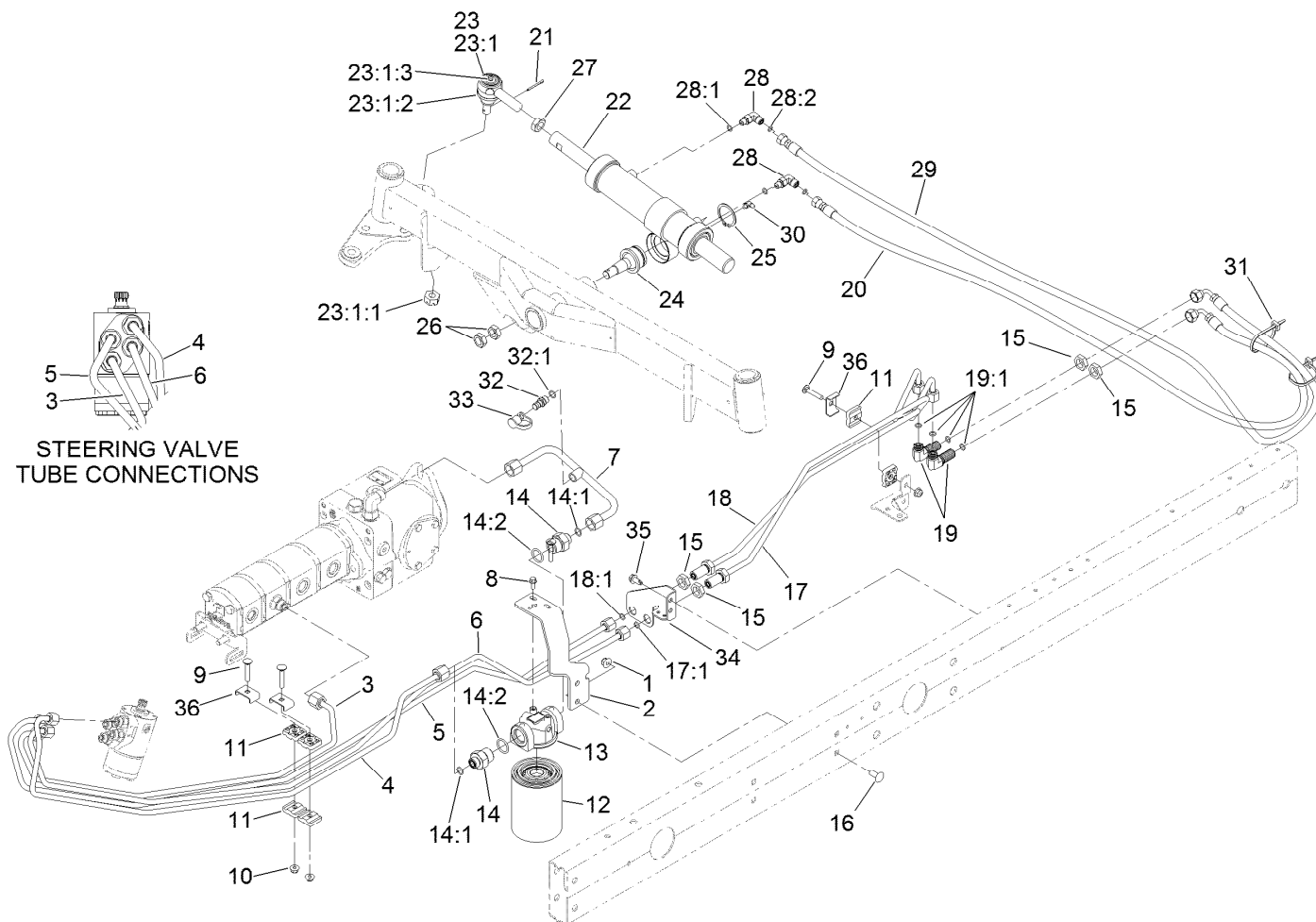


## Steering Hydraulic Assembly

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 1    | 104-8301    | 2    | Nut-HF, NI          |
| 2    | 110-0906-01 | 1    | Support-Filter, Oil |
| 3    | 117-0167    | 1    | Tube-HYD            |
| 4    | 108-1711    | 1    | Tube-HYD            |
| 5    | 120-3764    | 1    | Tube-HYD            |
| 6    | 120-3765    | 1    | Tube-HYD            |
| 7    | 121-5601    | 1    | Tube-HYD            |
| 8    | 3234-33     | 2    | Screw-HHF           |
| 9    | 3230-5      | 3    | Bolt-CARR           |
| 10   | 104-8300    | 4    | Nut-HF, NI          |
| 11   | 56-7973     | 6    | Clamp-Tube          |
| 12   | 86-3010     | 1    | Filter-Oil          |
| 13   | 117-5820    | 1    | Head-Filter         |
| 14   | 100-4240    | 2    | Fitting-STR         |
| 14:1 | 237-30      | 1    | O-Ring              |
| 14:2 | 237-81      | 1    | O-Ring              |
| 15   | 340-70      | 4    | Nut-Lock            |
| 16   | 3231-27     | 2    | Screw-CARR          |

| Ref.   | Part Number | Qty. | Description              |
|--------|-------------|------|--------------------------|
| 17     | 133-2988    | 1    | Tube ASM                 |
| 17:1   | 237-22      | 1    | O-Ring                   |
| 18     | 133-2989    | 1    | Tube ASM                 |
| 18:1   | 237-22      | 1    | O-Ring                   |
| 19     | 340-154     | 2    | Union-Bulkhead           |
| 19:1   | 237-22      | 2    | O-Ring                   |
| 20     | 110-0928    | 1    | Hose-HYD                 |
| 21     | 3272-12     | 1    | Pin-Cotter               |
| 22     | 138-6994    | 1    | Cylinder-Hydraulic       |
| 23     | 71-4740-03  | 1    | RH Tie Rod End ASM       |
| 23:1   |             | 1    | End-Rod, Tie (RH) ●      |
| 23:1:1 | 105-7941    | 1    | Nut-Hex, Slotted         |
| 23:1:2 | 105-7835    | 1    | Seal                     |
| 23:1:3 | 302-5       | 1    | Fitting-Grease           |
| 24     | 106-6774    | 1    | Joint-Ball               |
| 25     | 32151-104   | 1    | Ring-Retaining, External |
| 26     | 3220-6      | 2    | Nut-Jam                  |
| 27     | 84-5300     | 1    | Nut-Jam                  |

● Not serviced separately

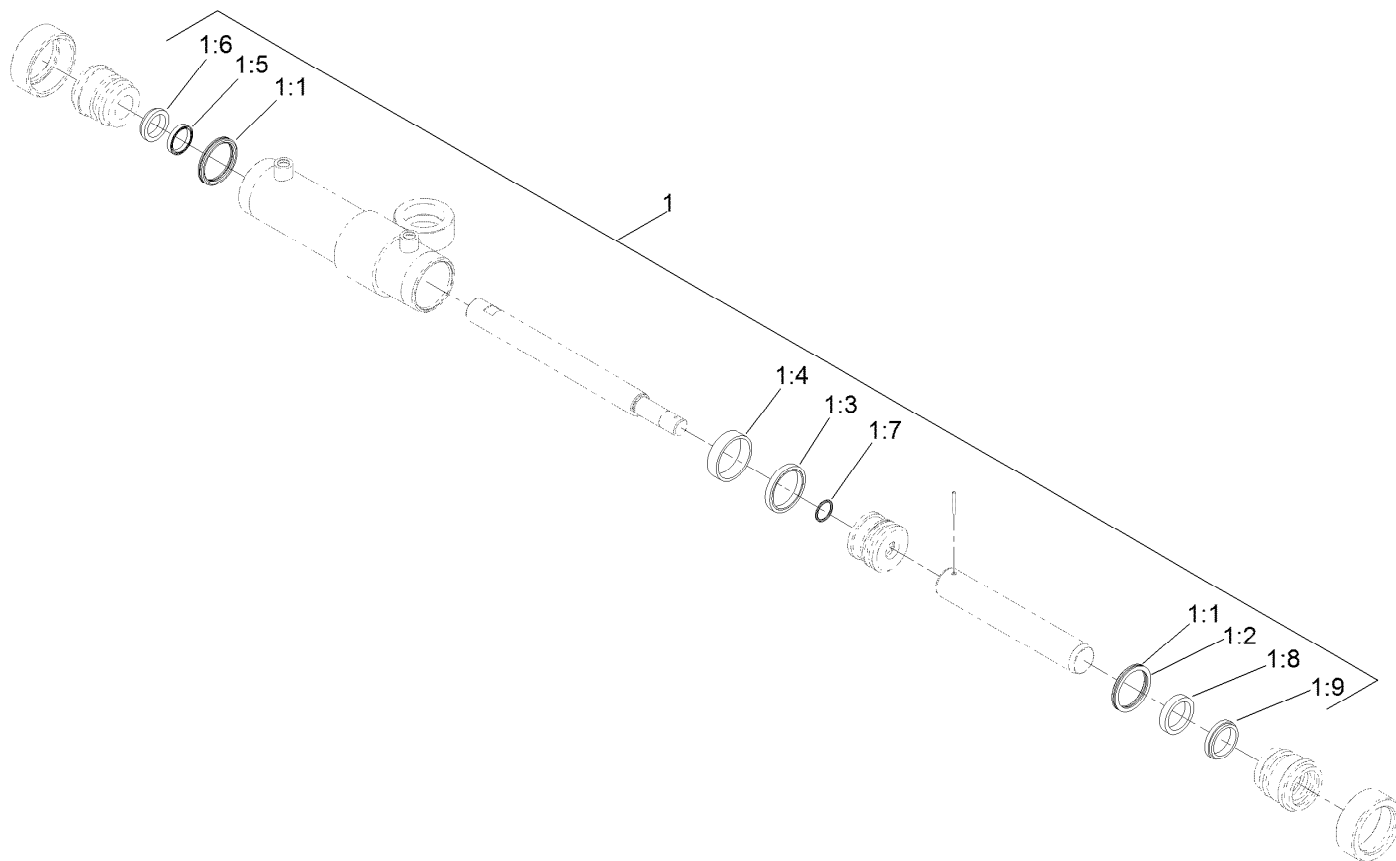


## Steering Hydraulic Assembly (continued)

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 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 |
| 31   | 3290-378    | 2    | Tie-Cable              |

| Ref. | Part Number | Qty. | Description            |
|------|-------------|------|------------------------|
| 32   | 59-7410     | 1    | Fitting-Diagnostic     |
| 32:1 | 237-42      | 1    | O-Ring                 |
| 33   | 354-79      | 1    | Cap-Dust               |
| 34   | 120-3781-01 | 1    | Bracket-Bulhead, Steer |
| 35   | 32104-32    | 2    | Screw-HWH              |
| 36   | 119-1418    | 3    | Plate-Clamp, Short     |

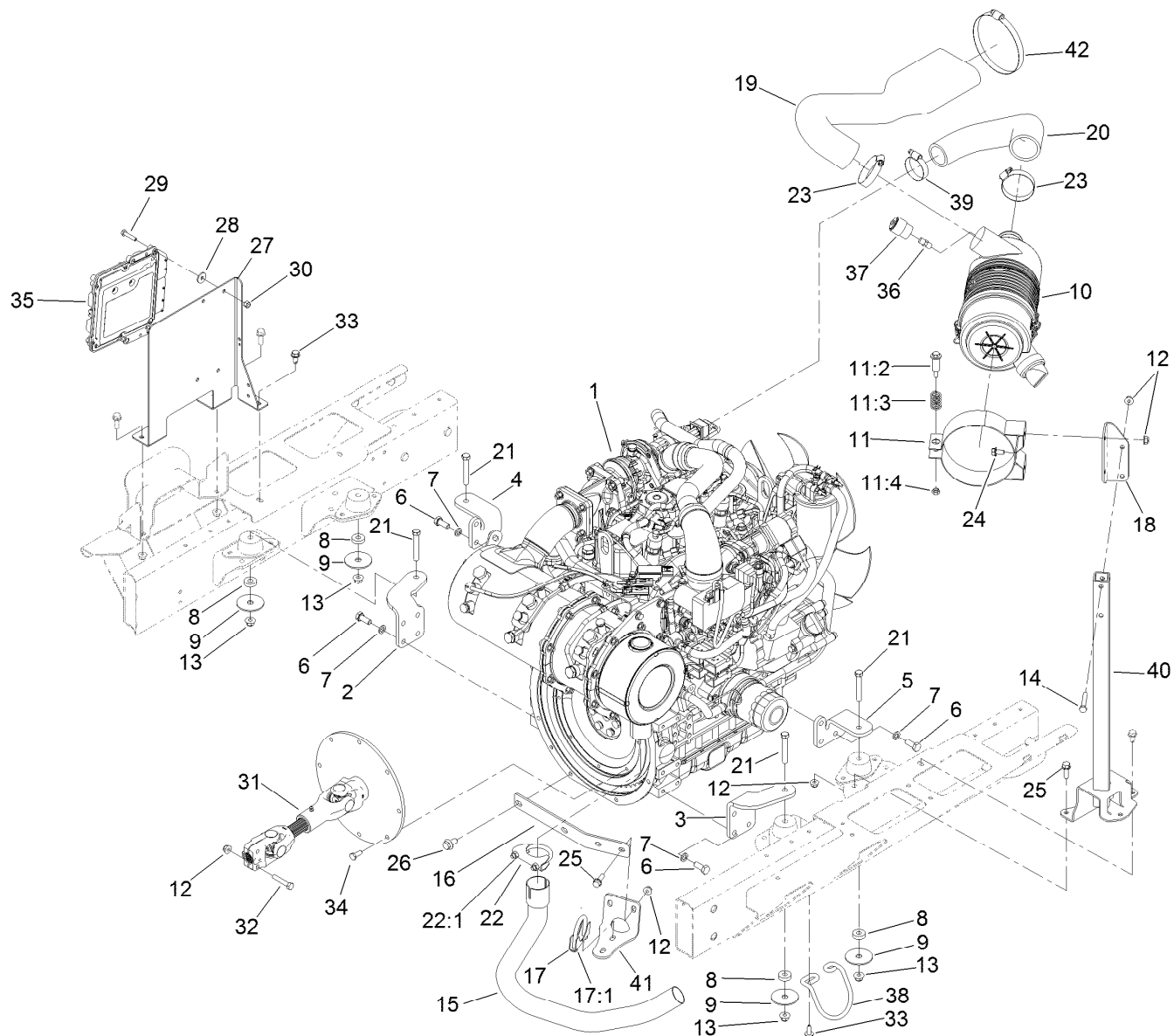
● Not serviced separately



## Steering Cylinder Assembly No. 138-6994

| Ref. | Part Number | Qty. | Description |
|------|-------------|------|-------------|
| 1    | 136-8000    | 1    | Kit-Seal    |
| 1:1  |             | 2    | O-Ring ●    |
| 1:2  |             | 2    | Backup ●    |
| 1:3  |             | 1    | Psp Seal ●  |
| 1:4  |             | 1    | Wear Ring ● |
| 1:5  |             | 1    | Bs Seal ●   |
| 1:6  |             | 1    | Dust Seal ● |
| 1:7  |             | 1    | O-Ring ●    |
| 1:8  |             | 1    | Bt Seal ●   |
| 1:9  |             | 1    | Dust Seal ● |

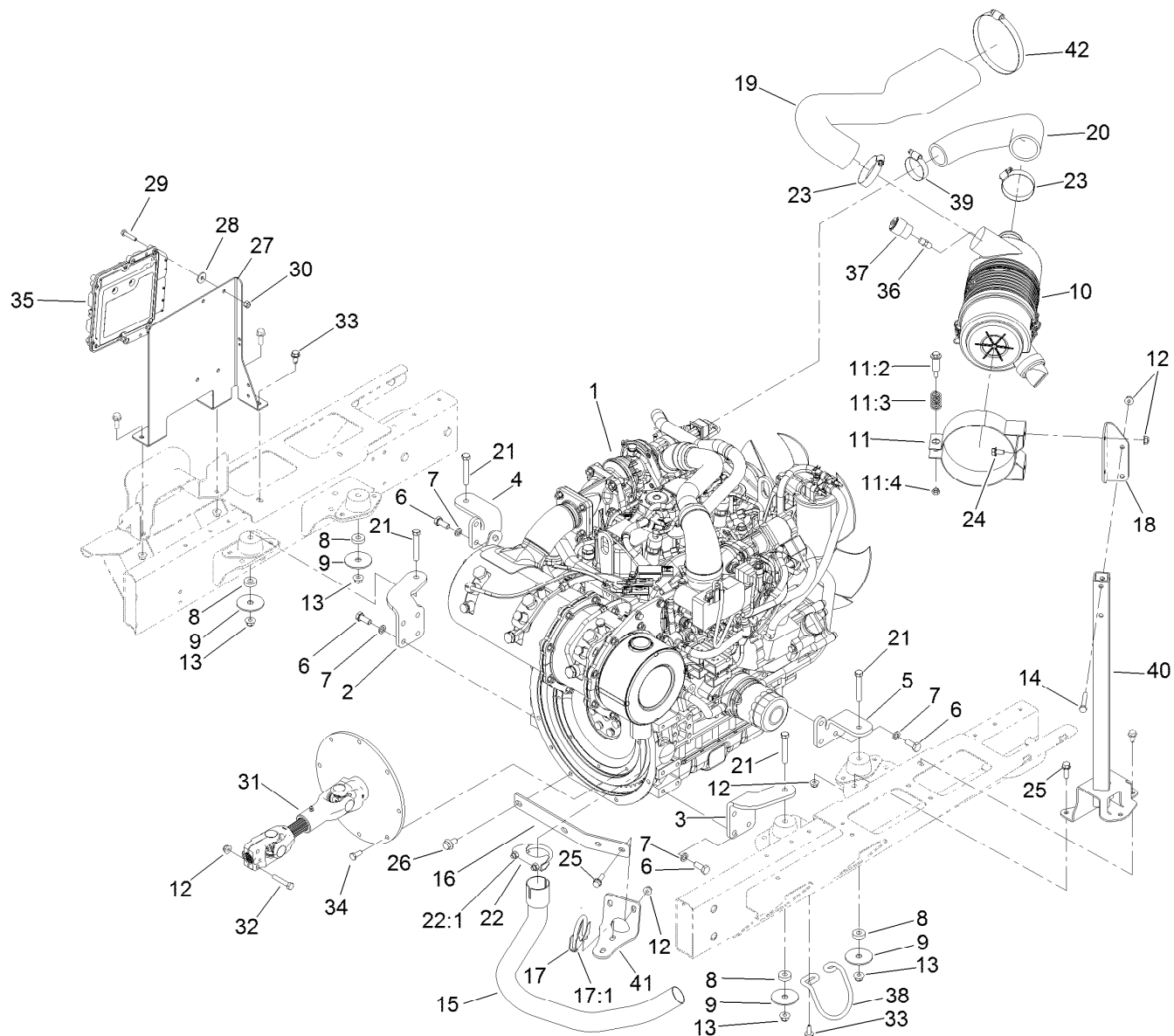
● Not serviced separately



## Engine, Driveshaft and Air Cleaner Assembly

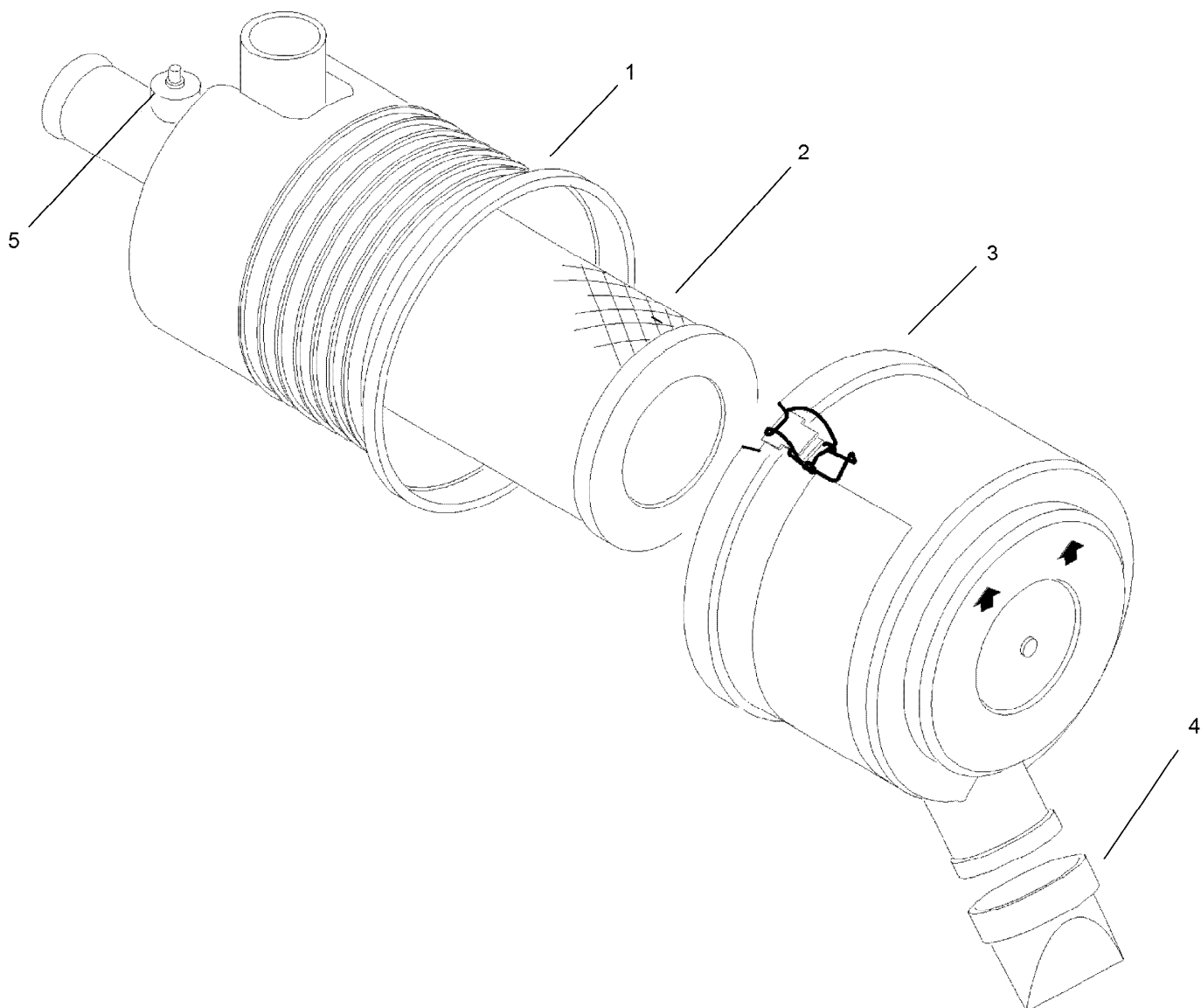
| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 1    | 138-6916    | 1    | Engine-Yanmar              |
| 2    | 120-3777-03 | 1    | Mount-Engine, Right Front  |
| 3    | 120-3778-03 | 1    | Mount-Engine, Left Front   |
| 4    | 120-3779-03 | 1    | Mount-Engine, Right Rear   |
| 5    | 120-3780-03 | 1    | Mount-Engine, Left Rear    |
| 6    | 33115-025   | 14   | Screw-HH                   |
| 7    | 48-9590     | 14   | Washer-Lock                |
| 8    | 62-6660     | 4    | Spacer                     |
| 9    | 87-5100     | 4    | Washer-Snubbing            |
| 10   | 98-4517     | 1    | Air Cleaner ASM            |
| 11   | 100-4825    | 1    | Band-Mounting, Air Cleaner |
| 11:2 | 94-3653     | 1    | Bolt                       |
| 11:3 | 94-3654     | 1    | Spring                     |
| 11:4 | 48-9510     | 1    | Nut                        |
| 12   | 104-8300    | 10   | Nut-HF, NI                 |
| 13   | 104-8301    | 4    | Nut-HF, NI                 |
| 14   | 322-10      | 2    | Screw-HH                   |
| 15   | 120-3790    | 1    | Tube-Exhaust               |
| 16   | 121-5594-03 | 1    | Bracket-Tailpipe           |
| 17   | 2112-9      | 1    | Clamp                      |
| 17:1 | 32128-20    | 2    | Nut-HF                     |

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 18   | 120-6298-03 | 1    | Bracket-Aircleaner      |
| 19   | 121-5559    | 1    | Hose-Air Cleaner        |
| 20   | 133-2991    | 1    | Hose-AC, Out            |
| 21   | 323-12      | 4    | Screw-HH                |
| 22   | 2112-6      | 1    | Clamp-Muffler           |
| 22:1 | 3218-2      | 2    | Nut-Hex Jam             |
| 23   | 2412-125    | 2    | Clamp-Hose              |
| 24   | 3234-14     | 2    | Screw-HHF               |
| 25   | 3234-29     | 4    | Screw-HHF               |
| 26   | 33105-020   | 2    | Screw-HHF               |
| 27   | 122-0898-03 | 1    | Bracket-Ecu             |
| 28   | 66-2921     | 4    | Washer-Friction         |
| 29   | 321-8       | 4    | Screw-HH                |
| 30   | 3296-42     | 4    | Nut-Lock, NI            |
| 31   | 133-2996    | 1    | Driveshaft Kit          |
| 32   | 322-9       | 2    | Screw-HH                |
| 33   | 32104-32    | 3    | Screw-HWH               |
| 34   | 33104-016   | 8    | Screw-HHF               |
| 35   | 121-5592    | 1    | Electronic Control Unit |
| 36   | 94-1416     | 1    | Adapter-Indicator       |
| 37   | 93-9164     | 1    | Indicator-Mini          |



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

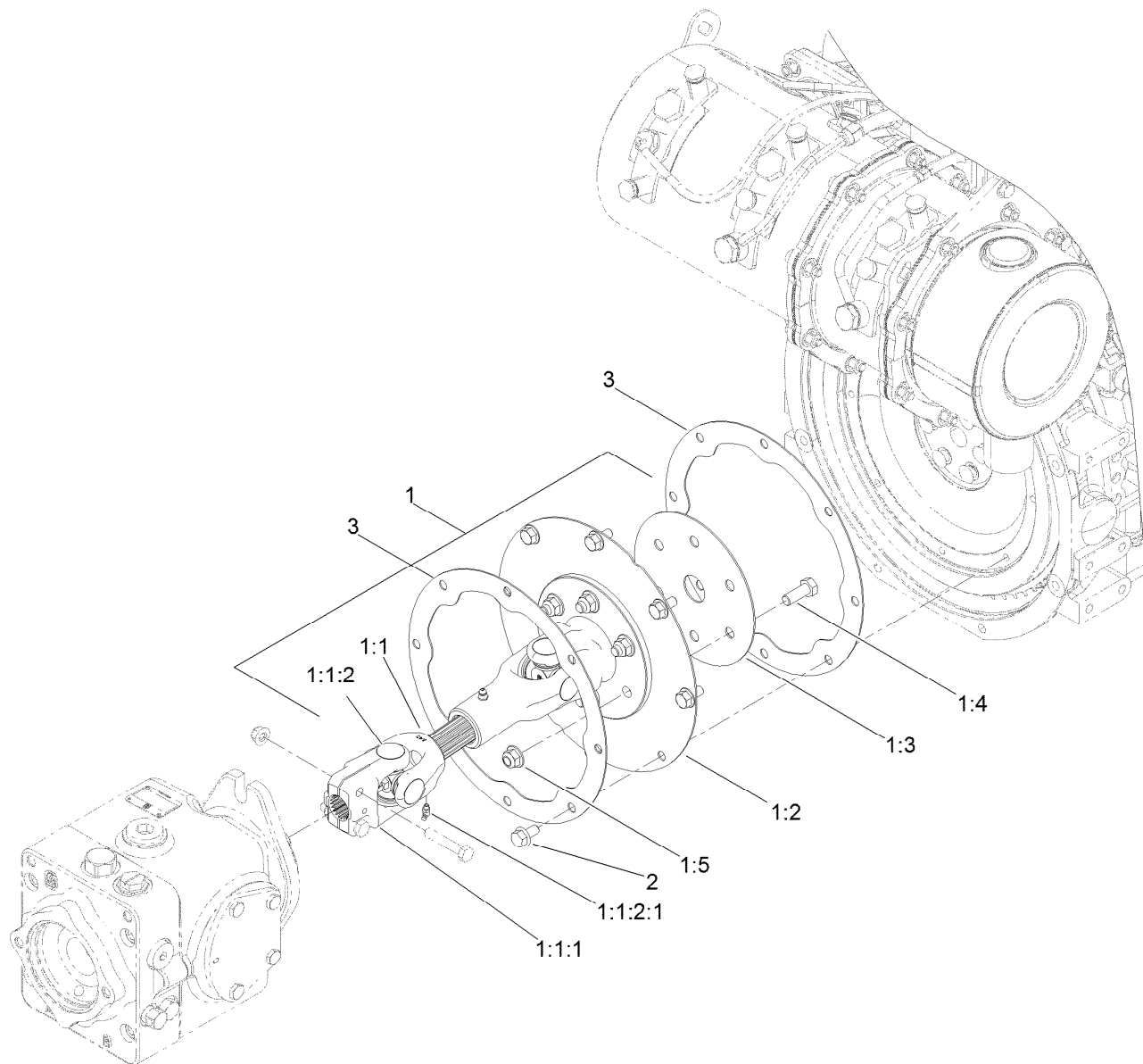
| Ref. | Part Number | Qty. | Description      | Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|------|-------------|------|------------------|
| 38   | 127-2612    | 1    | Guard-Pipe, Tail | 41   | 121-5595-03 | 1    | Bracket-Tailpipe |
| 39   | 2412-3      | 1    | Clamp-Hose       | 42   | 2412-46     | 1    | Clamp            |
| 40   | 120-2949-03 | 1    | Stand            |      |             |      |                  |



## Air Cleaner Assembly No. 98-4517

| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 1    |             | 1    | Body ASM ●     |
| 2    | 108-3810    | 1    | Filter-Air     |
| 3    | 98-9771     | 1    | Cover ASM      |
| 4    | 87-9400     | 1    | Valve-Vacuator |
| 5    |             | 1    | Plug ●         |

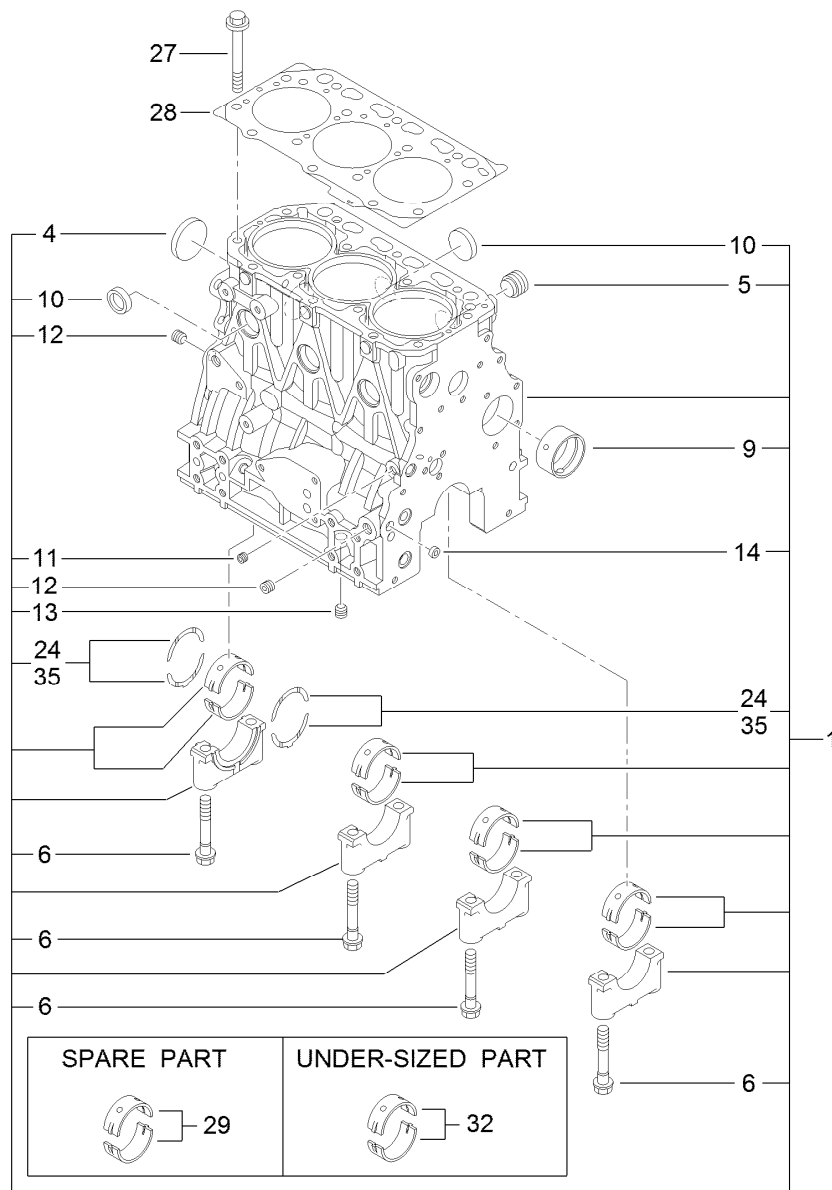
● Not serviced separately



## Driveshaft Kit Assembly No. 133-2996

| Ref.    | Part Number | Qty. | Description             |
|---------|-------------|------|-------------------------|
| 1       |             | 1    | Driveshaft ASM ●        |
| 1:1     |             | 1    | Driveshaft ●            |
| 1:1:1   | 54-9040     | 1    | Yoke-End                |
| 1:1:2   | 54-9180     | 2    | U-Joint Kit             |
| 1:1:2:1 | 62-3820     | 1    | Fitting-Grease          |
| 1:2     | 138-6933-03 | 1    | Plate-Adapter, Flywheel |
| 1:3     | 133-2963-03 | 1    | Ring-Backup             |
| 1:4     | 323-6       | 6    | Screw-HH                |
| 1:5     | 104-8301    | 6    | Nut-HF, NI              |
| 2       | 33104-016   | 8    | Screw-HHF               |
| 3       | 136-8040-03 | 2    | Ring-Backup             |

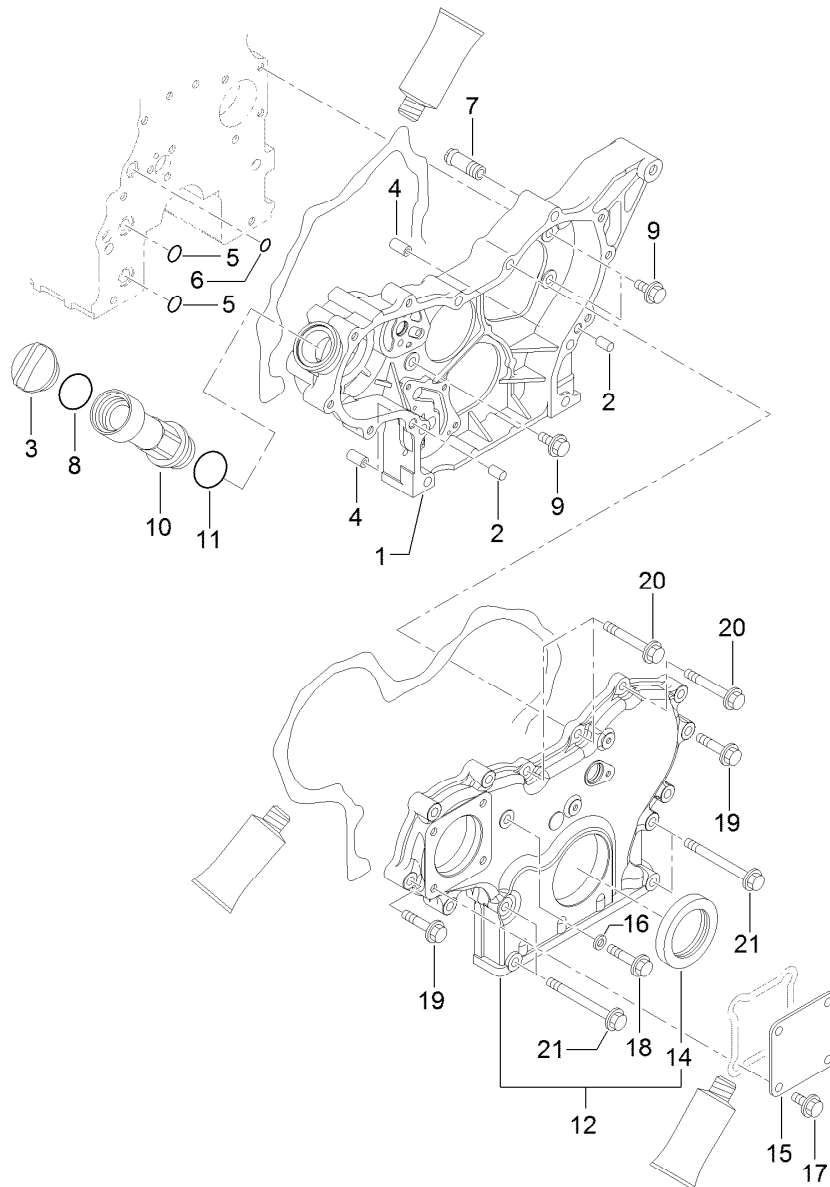
● Not serviced separately



## Cylinder Block Assembly

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 127-3750    | 1    | Cylinder Block ASM |
| 4    | 125-6980    | 1    | Plug               |
| 5    | 125-7170    | 1    | Plug               |
| 6    | 125-7007    | 8    | Bolt               |
| 9    | 125-7108    | 1    | Bushing            |
| 10   | 125-7239    | 6    | Plug               |
| 11   | 125-6969    | 1    | Plug               |
| 12   | 125-6973    | 2    | Plug               |

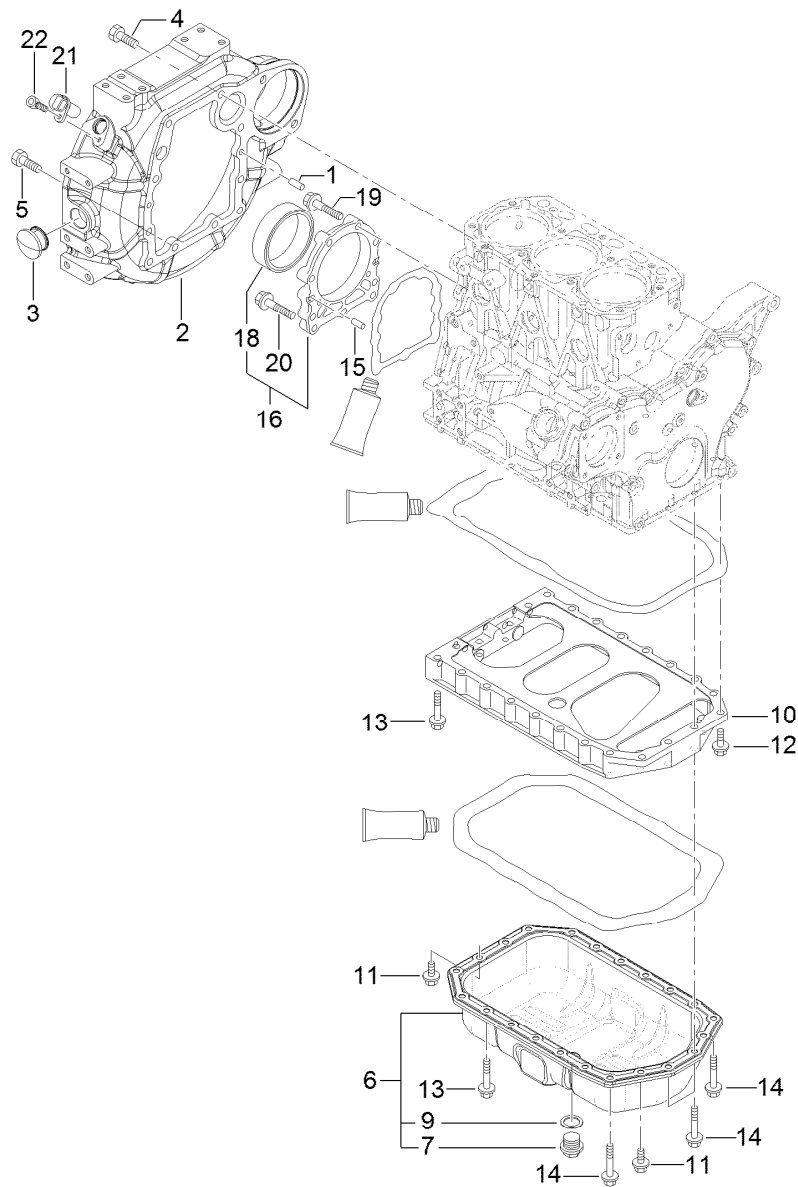
| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 13   | 125-6973    | 1    | Plug                |
| 14   | 125-7237    | 1    | Plug                |
| 24   | 125-7010    | 2    | Metal-Thrust        |
| 27   | 125-7006    | 14   | Bolt                |
| 28   | 127-3751    | 1    | Head Gasket ASM     |
| 29   | 125-6981    | 4    | Metal-Main          |
| 32   | 125-7009    | 4    | Metal-Main (0.25)   |
| 35   | 125-7011    | 1    | Metal-Thrust (0.25) |



## Gear Housing Assembly

| Ref. | Part Number | Qty. | Description  |
|------|-------------|------|--------------|
| 1    | 127-3752    | 1    | Case-Gear    |
| 2    | 125-6995    | 2    | Pin          |
| 3    | 125-6972    | 1    | Cover-Filler |
| 4    | 125-7107    | 2    | Pipe         |
| 5    | 125-6909    | 2    | O-Ring       |
| 6    | 127-2973    | 1    | O-Ring       |
| 7    | 127-3753    | 1    | Joint        |
| 8    | 125-7197    | 1    | O-Ring       |
| 9    | 125-7214    | 3    | Bolt         |
| 10   | 127-3754    | 1    | Pipe         |

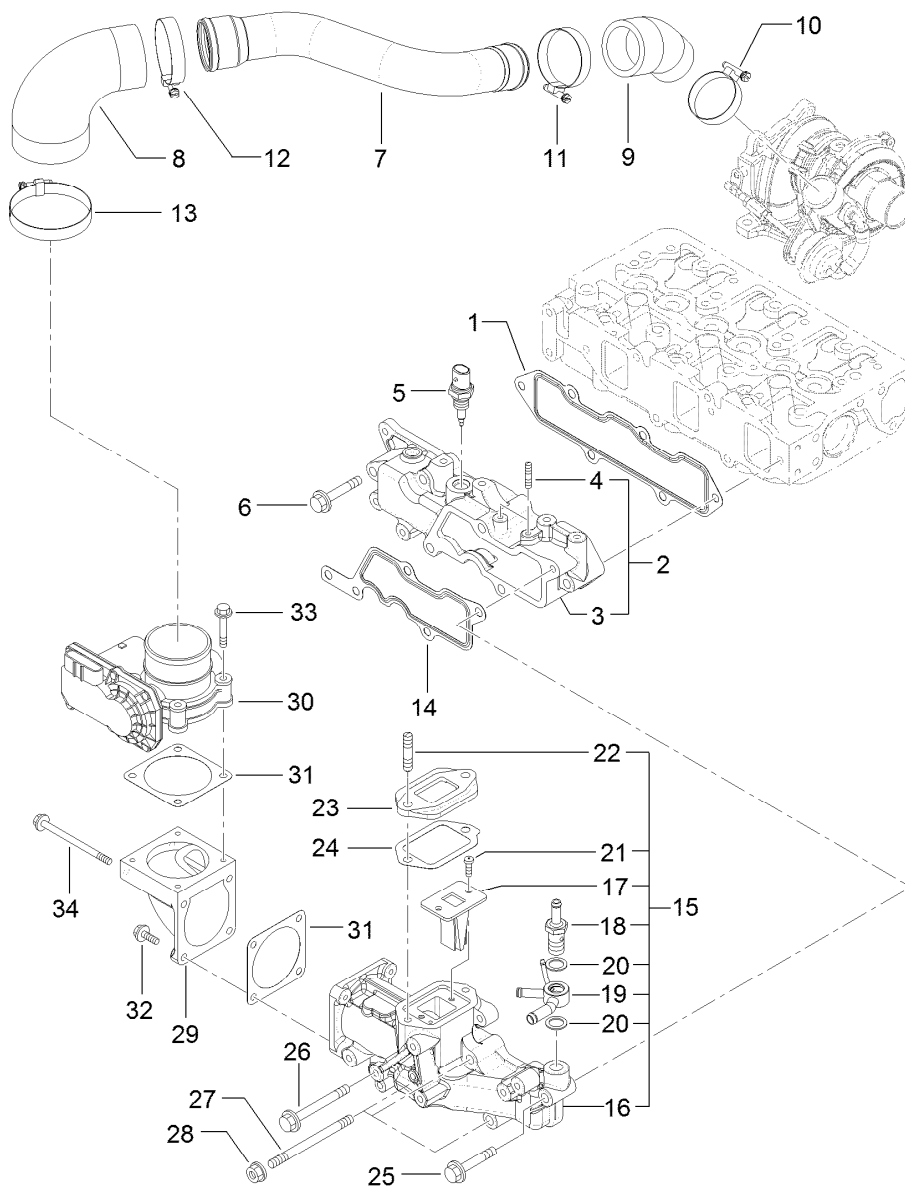
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 11   | 125-7197    | 1    | O-Ring             |
| 12   | 127-3024    | 1    | Gearcase Cover ASM |
| 14   | 125-6944    | 1    | Seal-Oil           |
| 15   | 125-6977    | 1    | Cover              |
| 16   | 125-7174    | 1    | Washer-Seal        |
| 17   | 125-7214    | 4    | Bolt               |
| 18   | 125-7217    | 1    | Bolt               |
| 19   | 125-7218    | 7    | Bolt               |
| 20   | 125-7222    | 3    | Bolt               |
| 21   | 125-7224    | 4    | Bolt               |



## Flywheel Housing and Oil Sump Assembly

| Ref. | Part Number | Qty. | Description      |
|------|-------------|------|------------------|
| 1    | 125-6995    | 1    | Pin              |
| 2    | 127-3025    | 1    | Housing-Flywheel |
| 3    | 125-6910    | 1    | Cap              |
| 4    | 125-7226    | 6    | Bolt             |
| 5    | 125-7227    | 4    | Bolt             |
| 6    | 127-3755    | 1    | Oil Pan ASM      |
| 7    | 125-6912    | 1    | Plug-Drain       |
| 9    | 125-7177    | 1    | Washer-Seal      |
| 10   | 127-3756    | 1    | Spacer           |
| 11   | 125-7214    | 4    | Bolt             |

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 12   | 125-7215    | 2    | Bolt                 |
| 13   | 125-7219    | 16   | Bolt                 |
| 14   | 125-7220    | 4    | Bolt                 |
| 15   | 125-6995    | 2    | Pin                  |
| 16   | 125-6996    | 1    | Case ASM             |
| 18   | 125-7106    | 1    | Seal-Oil             |
| 19   | 125-7045    | 6    | Bolt                 |
| 20   | 125-7217    | 3    | Bolt                 |
| 21   | 127-3062    | 1    | Sensor-Rev, Flywheel |
| 22   | 127-3184    | 1    | Bolt                 |

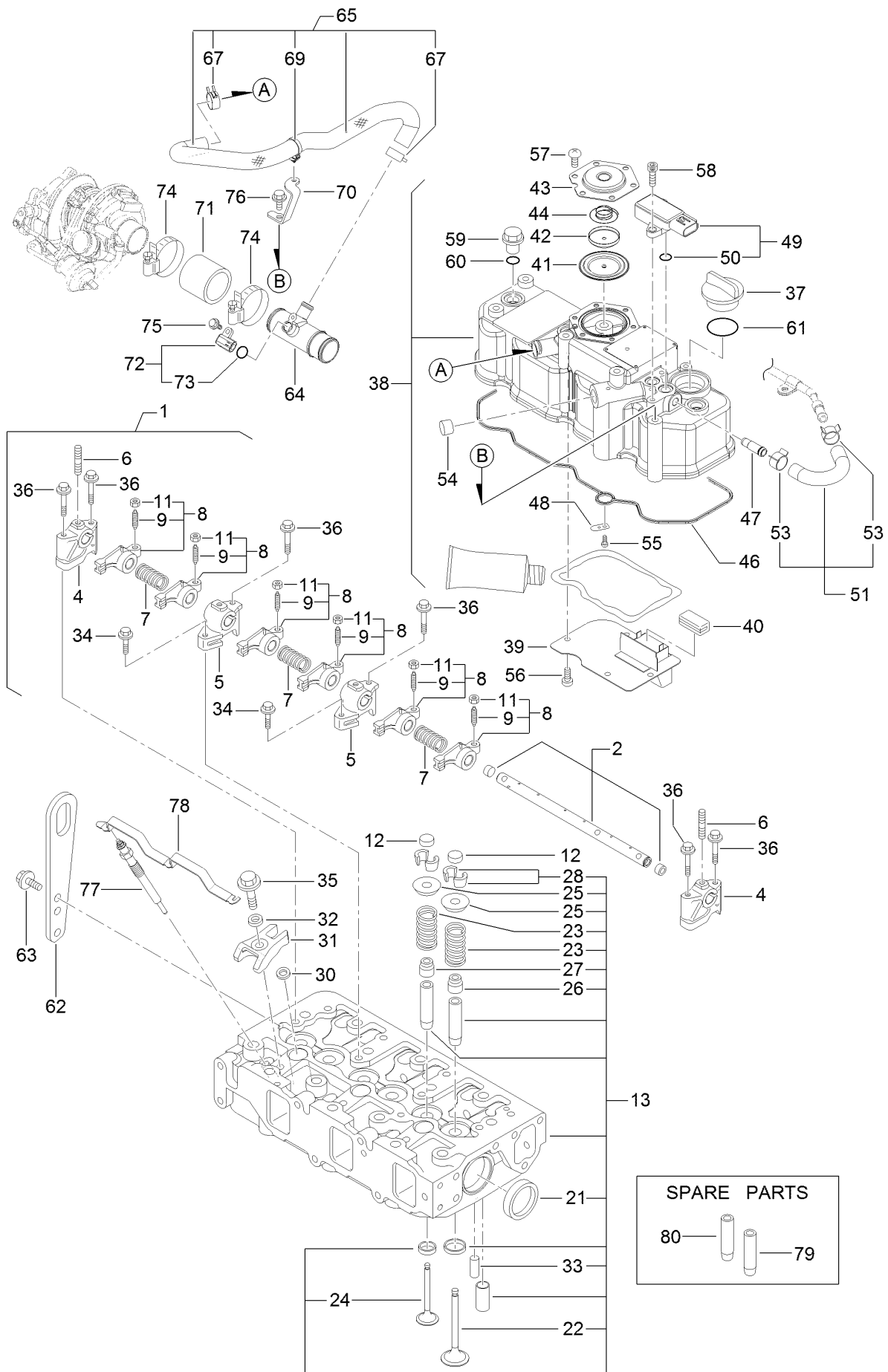


## Suction Manifold Assembly

| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    | 127-3769    | 1    | Gasket-Manifold, Intake |
| 2    | 127-3770    | 1    | Intake Manifold ASM     |
| 3    | 127-3771    | 1    | Manifold-Intake, Air    |
| 4    | 127-3180    | 2    | Stud                    |
| 5    | 127-3031    | 1    | Sensor-Temp, Air        |
| 6    | 125-7220    | 3    | Bolt                    |
| 7    | 127-3772    | 1    | Duct Suction            |
| 8    | 127-3096    | 1    | Joint-Rubber            |
| 9    | 127-3773    | 1    | Joint, Rubber           |
| 10   | 125-7189    | 1    | Clamp-Hose              |
| 11   | 127-3170    | 1    | Clamp-Hose              |
| 12   | 125-7190    | 1    | Clamp-Hose              |
| 13   | 127-3171    | 1    | Clamp-Hose              |
| 14   | 127-3034    | 1    | Gasket-Collector        |
| 15   | 127-3093    | 1    | Intake Collector ASM    |
| 16   | 127-3092    | 1    | Collector-Intake        |
| 17   | 127-3139    | 1    | Valve-Reed              |

| Ref. | Part Number | Qty. | Description         |
|------|-------------|------|---------------------|
| 18   | 127-3080    | 1    | Joint-Hose          |
| 19   | 127-3081    | 1    | Joint-Hose          |
| 20   | 127-3166    | 1    | Washer-Seal         |
| 21   | 127-3168    | 11   | Screw               |
| 22   | 127-3181    | 1    | Stud                |
| 23   | 127-3045    | 1    | Spacer-Valve, E G R |
| 24   | 127-3046    | 1    | Gasket-E G R        |
| 25   | 125-7220    | 1    | Bolt                |
| 26   | 127-3178    | 1    | Bolt                |
| 27   | 127-3182    | 3    | Stud                |
| 28   | 125-7229    | 3    | Nut                 |
| 29   | 127-3035    | 1    | Bend-Inlet          |
| 30   | 127-3036    | 1    | Body-Throttle       |
| 31   | 127-3037    | 2    | Gasket-Throttle     |
| 32   | 125-7209    | 2    | Bolt                |
| 33   | 125-7211    | 4    | Bolt                |
| 34   | 127-3177    | 2    | Bolt                |

# Cylinder Head and Cover Assembly



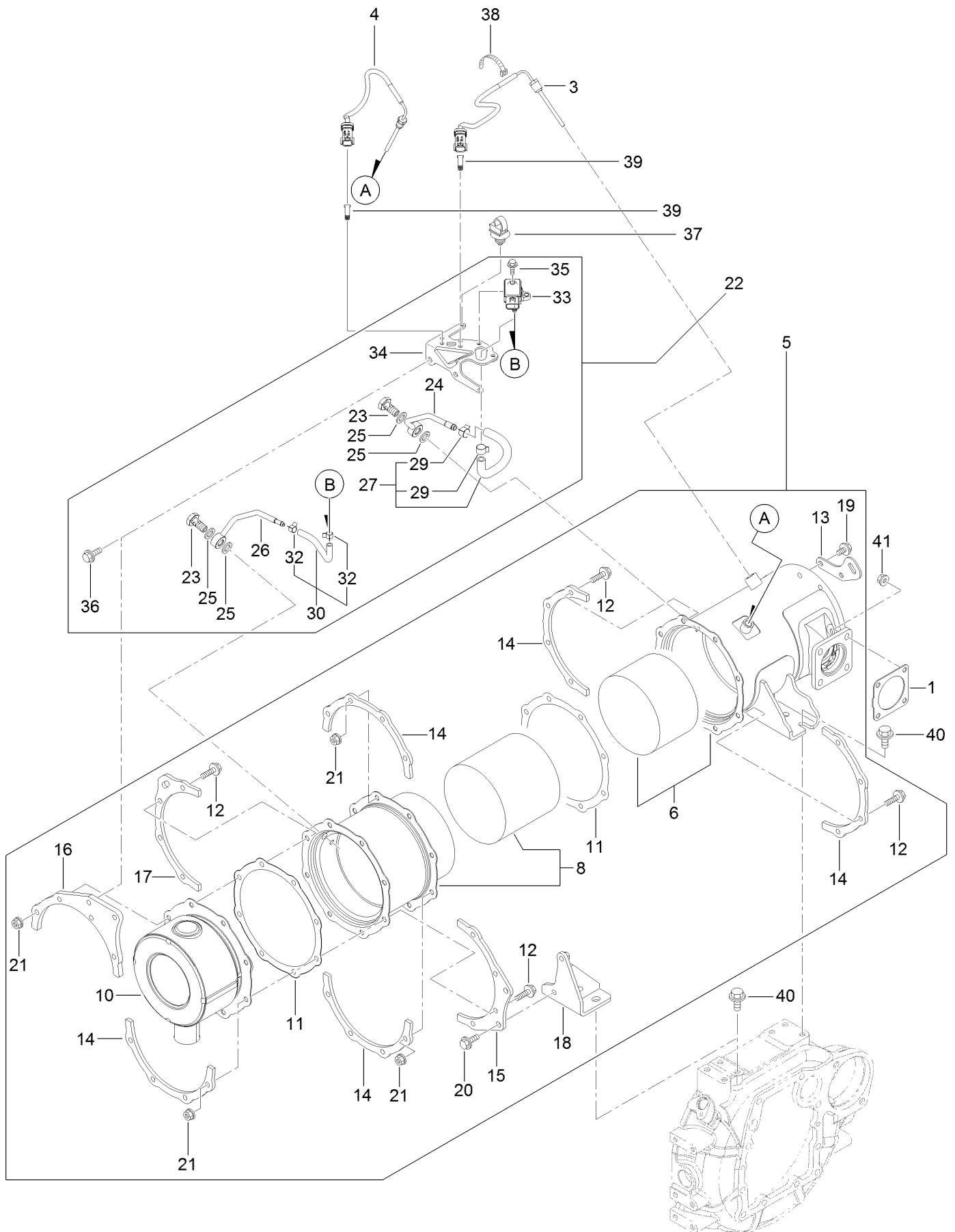
**SPARE PARTS**

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## Cylinder Head and Cover Assembly (continued)

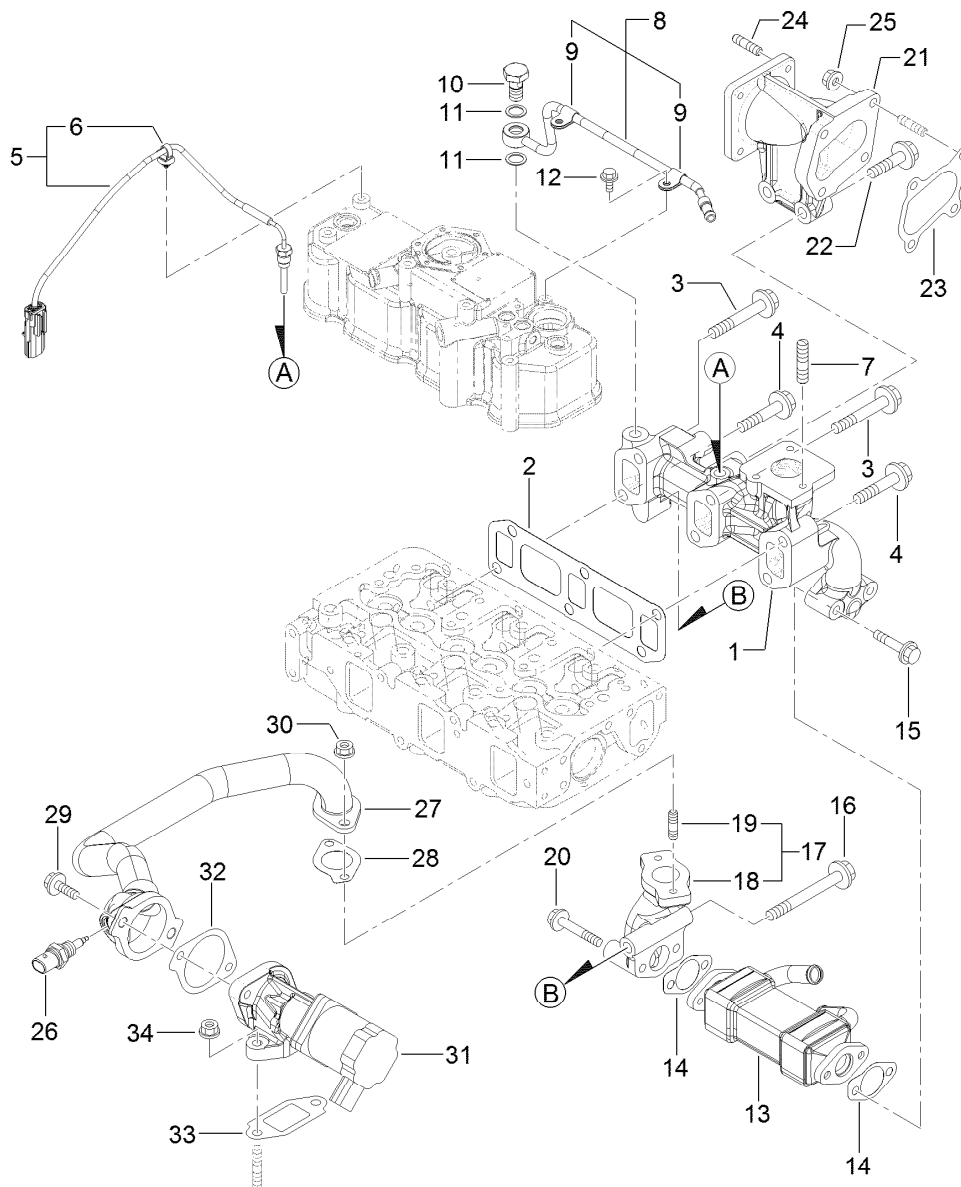
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>      | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>          |
|-------------|--------------------|-------------|-------------------------|-------------|--------------------|-------------|-----------------------------|
| 1           | 127-3757           | 1           | Shaft ASM               | 46          | 127-3762           | 1           | Gasket-Cover, Cylinder Head |
| 2           | 127-3758           | 1           | Shaft                   | 47          | 127-3026           | 1           | Joint                       |
| 4           | 127-2974           | 2           | Support                 | 48          | 125-6994           | 1           | Spring                      |
| 5           | 127-2975           | 2           | Support                 | 49          | 127-3029           | 1           | Sensor-Pressure             |
| 6           | 127-3759           | 3           | Stud                    | 50          | 127-3032           | 2           | O Ring-Sensor, Pressure     |
| 7           | 127-2995           | 3           | Spring                  | 51          | 127-3040           | 1           | Hose ASM                    |
| 8           | 127-2989           | 6           | Arm-Rocker              | 53          | 127-3041           | 2           | Clip-Hose                   |
| 9           | 125-7013           | 6           | Screw-Adjust, Valve     | 54          | 125-6913           | 1           | Plug                        |
| 11          | 125-7014           | 6           | Nut                     | 55          | 125-7186           | 1           | Screw                       |
| 12          | 127-2996           | 6           | Cap-Valve               | 56          | 125-7186           | 4           | Screw                       |
| 13          | 127-3760           | 1           | Cylinder Head ASM       | 57          | 125-7186           | 6           | Screw                       |
| 21          | 125-7240           | 2           | Plug                    | 58          | 127-3184           | 2           | Bolt                        |
| 22          | 127-2990           | 3           | Valve                   | 59          | 125-6974           | 3           | Knob                        |
| 23          | 127-3012           | 6           | Spring                  | 60          | 93-0418            | 3           | O-Ring                      |
| 24          | 127-2994           | 3           | Valve                   | 61          | 125-7197           | 1           | O-Ring                      |
| 25          | 127-3013           | 6           | Retainer-Spring         | 62          | 125-7111           | 1           | Lifter                      |
| 26          | 127-2986           | 3           | Seal-Stem, Valve        | 63          | 125-7214           | 2           | Bolt                        |
| 27          | 127-3027           | 3           | Seal-Stem, Valve        | 64          | 127-3763           | 1           | Joint-Breather              |
| 28          | 127-3186           | 6           | Pin-Cotter              | 65          | 127-3764           | 1           | Hose Breather ASM           |
| 30          | 127-3021           | 3           | Gasket-Injector         | 67          | 125-7040           | 2           | Clip-Hose                   |
| 31          | 127-3028           | 3           | Retainer-Injector       | 69          | 127-3087           | 1           | Band-Clip                   |
| 32          | 127-2980           | 3           | Washer-Injector         | 70          | 127-3765           | 1           | Stay-Hose, Breather         |
| 33          | 125-7184           | 2           | Pin-Spring              | 71          | 127-3766           | 1           | Hose, Air                   |
| 34          | 125-7215           | 2           | Bolt                    | 72          | 127-3030           | 1           | Sensor-Temp, Air            |
| 35          | 125-7217           | 3           | Bolt                    | 73          | 127-3033           | 1           | O-Ring                      |
| 36          | 125-7220           | 6           | Bolt                    | 74          | 127-3767           | 2           | Clamp 50                    |
| 37          | 125-6972           | 1           | Cover-Filler            | 75          | 125-7208           | 1           | Bolt                        |
| 38          | 127-3761           | 1           | Cylinder Head Cover ASM | 76          | 92-0803            | 1           | Bolt                        |
| 39          | 127-2988           | 1           | Plate                   | 77          | 127-2991           | 3           | Plug-Glow                   |
| 40          | 125-7012           | 1           | Baffle                  | 78          | 127-3768           | 1           | Connector-Plug, Glow        |
| 41          | 125-6959           | 1           | Diaphragm               | 79          | 127-2979           | 3           | Guide                       |
| 42          | 125-6960           | 1           | Plate                   | 80          | 127-2997           | 3           | Guide-Valve                 |
| 43          | 125-6961           | 1           | Plate-Breather          |             |                    |             |                             |
| 44          | 125-6962           | 1           | Spring-Diaphragm        |             |                    |             |                             |

# Diesel Particulate Filter Assembly



## Diesel Particulate Filter Assembly (continued)

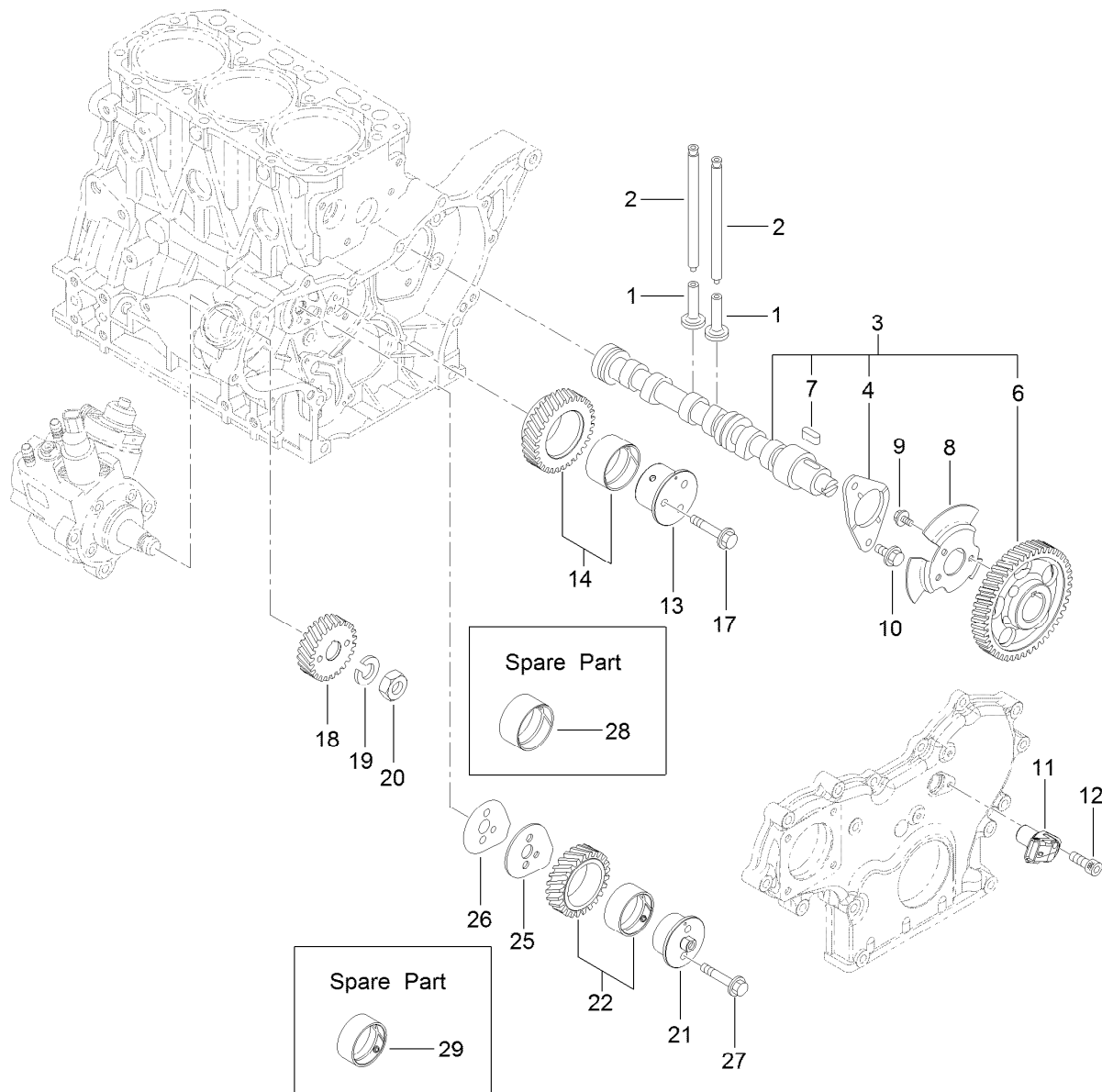
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>   | <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>       |
|-------------|--------------------|-------------|----------------------|-------------|--------------------|-------------|--------------------------|
| 1           | 127-3019           | 1           | Gasket               | 23          | 127-3039           | 2           | Bolt-Joint, Pipe         |
| 3           | 127-4764           | 1           | Sensor-Temp, Exhaust | 24          | 127-3795           | 1           | Pipe-Sensor              |
| 4           | 127-3112           | 1           | Sensor-Temp, Exhaust | 25          | 127-3056           | 4           | Gasket-Sensor            |
| 5           | 127-3783           | 1           | D P F ASM            | 26          | 127-3796           | 1           | Pipe-Sensor              |
| 6           | 127-3784           | 1           | Case-D O C           | 27          | 127-3114           | 1           | Exhaust Hose ASM         |
| 8           | 127-3785           | 1           | Case-Filter, Soot    | 29          | 127-3057           | 2           | Clip-Hose                |
| 10          | 127-3786           | 1           | Silencer-D P F       | 30          | 127-3059           | 1           | Exhaust Pressure Hose    |
| 11          | 127-3787           | 2           | Gasket-D P F         |             |                    |             | ASM                      |
| 12          | 127-3055           | 16          | Bolt                 | 32          | 127-3058           | 2           | Clip-Hose                |
| 13          | 127-3788           | 1           | Lifter-D P F         | 33          | 127-3060           | 1           | Sensor-Pressure          |
| 14          | 127-3789           | 5           | Stiffener-D P F, A   | 34          | 127-3061           | 1           | Bracket-Sensor, Pressure |
| 15          | 127-3790           | 1           | Stiffener-D P F, B   | 35          | 125-7208           | 2           | Bolt                     |
| 16          | 127-3791           | 1           | Stiffener-D P F, C   | 36          | 125-7595           | 2           | Bolt                     |
| 17          | 127-3792           | 1           | Stiffener-D P F, C   | 37          | 127-3087           | 1           | Band-Clip                |
| 18          | 127-3793           | 1           | Stay-D P F           | 38          | 127-3124           | 1           | Band                     |
| 19          | 125-7213           | 2           | Bolt                 | 39          | 127-3088           | 2           | Clip-Connector           |
| 20          | 125-7594           | 2           | Bolt                 | 40          | 127-3179           | 4           | Bolt                     |
| 21          | 125-7229           | 16          | Nut                  | 41          | 125-7229           | 4           | Nut                      |
| 22          | 127-3794           | 1           | Pressure Sensor Unit |             |                    |             |                          |



## Exhaust Manifold Assembly

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 1    | 127-3774    | 1    | Manifold-Exhaust         |
| 2    | 127-3775    | 1    | Gasket-Manifold, Exhaust |
| 3    | 127-3776    | 4    | Bolt-Flange              |
| 4    | 127-3094    | 2    | Bolt                     |
| 5    | 127-3777    | 1    | Sensor-Temp, Exhaust     |
| 6    | 127-3087    | 1    | Band-Clip                |
| 7    | 125-7043    | 3    | Stud                     |
| 8    | 127-3038    | 1    | Exhaust Pipe ASM         |
| 9    | 127-3173    | 2    | Clamp                    |
| 10   | 127-3039    | 1    | Bolt-Joint, Pipe         |
| 11   | 127-3174    | 2    | Gasket                   |
| 12   | 125-7206    | 2    | Bolt                     |
| 13   | 127-3042    | 1    | Cooler-E G R             |
| 14   | 127-3043    | 2    | Gasket-Cooler, E G R     |
| 15   | 127-2976    | 2    | Bolt                     |
| 16   | 127-3022    | 1    | Bolt-Flange              |
| 17   | 127-3048    | 1    | E G R Pipe ASM           |

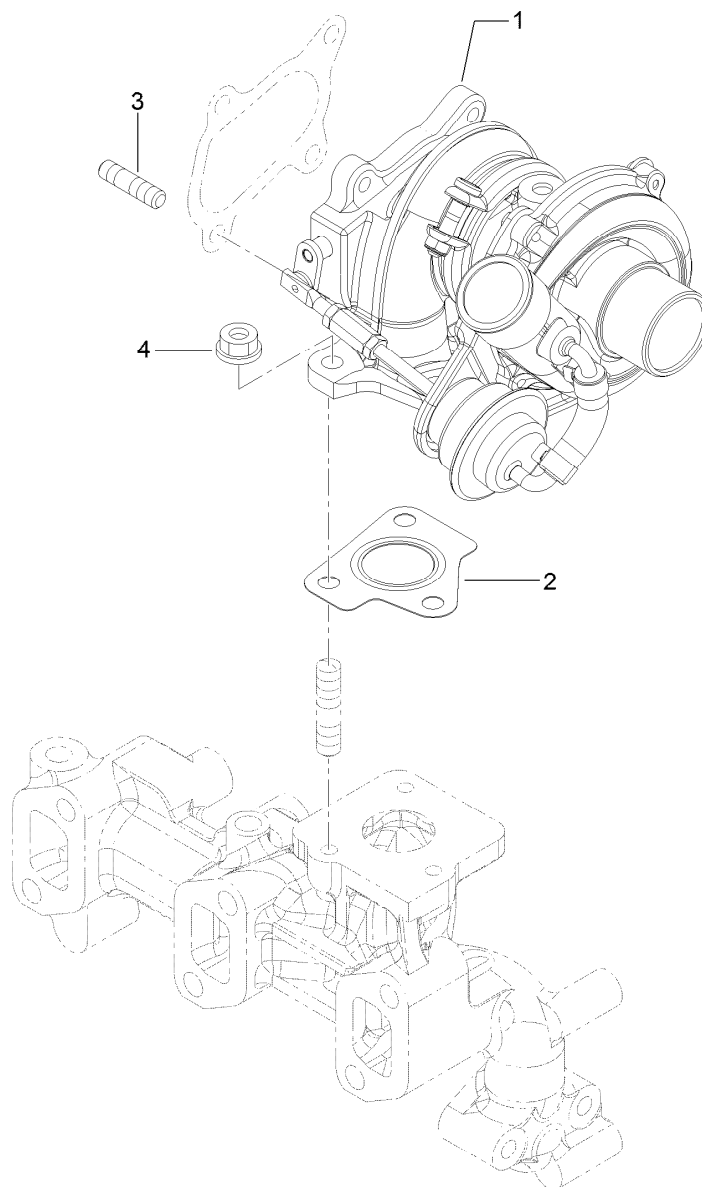
| Ref. | Part Number | Qty. | Description                |
|------|-------------|------|----------------------------|
| 18   | 127-3049    | 1    | Pipe-Out, E G R            |
| 19   | 125-7043    | 2    | Stud                       |
| 20   | 125-7220    | 2    | Bolt                       |
| 21   | 127-3778    | 1    | Pipe Extension ASM         |
| 22   | 127-3138    | 2    | Bolt-Flange                |
| 23   | 127-3779    | 1    | Gasket-Out, T C            |
| 24   | 125-6906    | 4    | Stud                       |
| 25   | 125-7229    | 4    | Nut                        |
| 26   | 127-3047    | 1    | Sensor-Gas Temp, E G R     |
| 27   | 127-3780    | 1    | E G R Pipe ASM             |
| 28   | 127-3016    | 1    | Gasket                     |
| 29   | 125-7215    | 2    | Bolt                       |
| 30   | 125-7229    | 2    | Nut                        |
| 31   | 127-3781    | 1    | Valve-E G R                |
| 32   | 127-3050    | 1    | Gasket-Intake Valve, E G R |
| 33   | 127-3051    | 1    | Gasket-Out Valve, E G R    |
| 34   | 125-7229    | 2    | Nut                        |



## Camshaft and Driving Gear Assembly

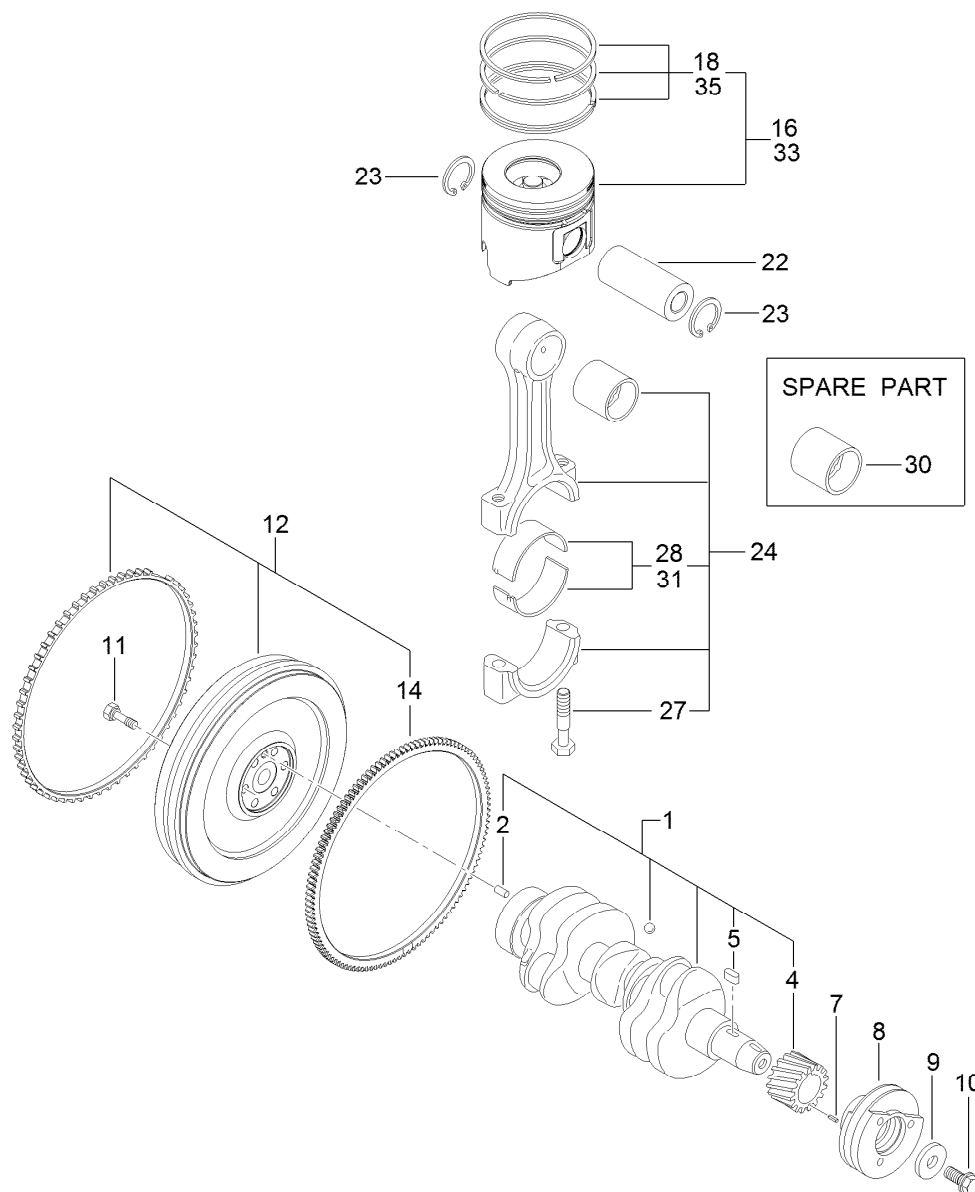
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 125-7016    | 6    | Tappet             |
| 2    | 125-7017    | 6    | Rod-Push           |
| 3    | 127-3797    | 1    | Camshaft ASM       |
| 4    | 125-7008    | 1    | Metal-Thrust       |
| 6    | 127-3052    | 1    | Gear-Camshaft      |
| 7    | 125-7185    | 1    | Key                |
| 8    | 127-3053    | 1    | Pulser-Camshaft    |
| 9    | 125-7205    | 3    | Bolt               |
| 10   | 125-7213    | 2    | Bolt               |
| 11   | 127-3054    | 1    | Sensor-Rev, Gear   |
| 12   | 127-3184    | 1    | Bolt               |
| 13   | 127-3063    | 1    | Shaft-Idle, Gear A |

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 14   | 127-3066    | 1    | Idle Gear A ASM      |
| 17   | 125-7219    | 3    | Bolt                 |
| 18   | 127-3070    | 1    | Gear-Pump, Supply    |
| 19   | 127-3167    | 1    | Washer-Spring        |
| 20   | 127-3185    | 1    | Nut-Lock             |
| 21   | 127-3064    | 1    | Shaft-Idle, Gear B   |
| 22   | 127-3067    | 1    | Idle Gear B ASM      |
| 25   | 127-3068    | 1    | Plate-Idle, Shaft    |
| 26   | 127-3069    | 1    | Gasket-Idle, Shaft B |
| 27   | 125-7218    | 2    | Bolt                 |
| 28   | 125-6927    | 1    | Bushing              |
| 29   | 127-3065    | 1    | Bushing              |



## Turbine Assembly

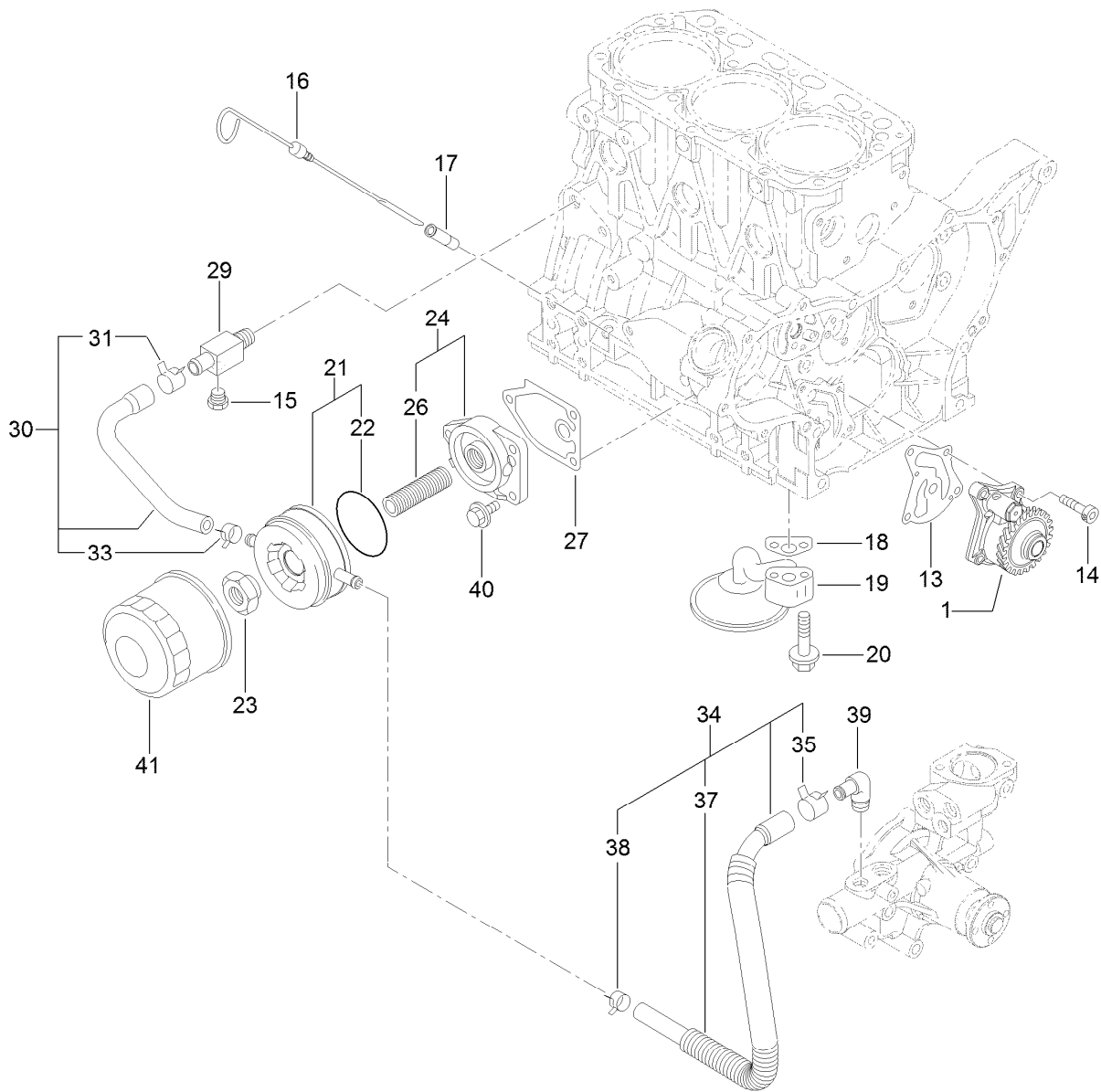
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i>  |
|-------------|--------------------|-------------|---------------------|
| 1           | 127-3798           | 1           | R H F 3 Turbine ASM |
| 2           | 127-3799           | 1           | Gasket-In, T C      |
| 3           | 125-6906           | 4           | Stud                |
| 4           | 125-7229           | 3           | Nut                 |



## Crankshaft and Piston Assembly

| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 1    | 127-3800    | 1    | Crankshaft ASM |
| 2    | 125-6995    | 1    | Pin            |
| 4    | 125-6937    | 1    | Gear           |
| 5    | 125-7185    | 1    | Key            |
| 7    | 125-7182    | 1    | Pin-Spring     |
| 8    | 127-3801    | 1    | Pulley-V       |
| 9    | 125-7109    | 1    | Washer         |
| 10   | 125-6956    | 1    | Bolt           |
| 11   | 125-6951    | 6    | Bolt           |
| 12   | 127-3802    | 1    | Flywheel ASM   |
| 14   | 125-6943    | 1    | Gear           |

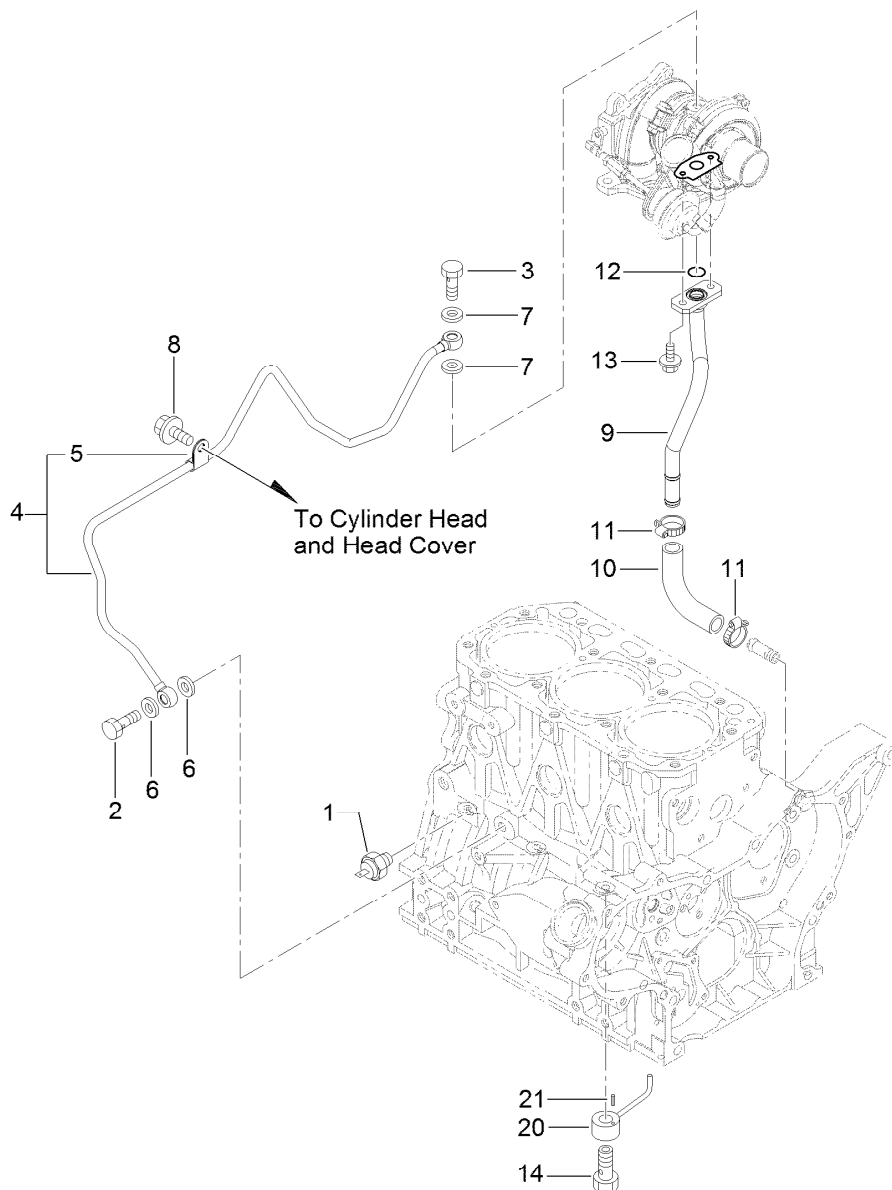
| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 16   | 127-3097    | 3    | Piston ASM                  |
| 18   | 127-3098    | 3    | Piston Ring ASM             |
| 22   | 125-7030    | 3    | Pin                         |
| 23   | 125-7180    | 6    | Ring                        |
| 24   | 125-7242    | 3    | Connecting Rod ASM          |
| 27   | 125-6955    | 6    | Bolt                        |
| 28   | 125-7018    | 3    | Pin-Crank                   |
| 30   | 125-6997    | 3    | Pin-Piston                  |
| 31   | 125-7019    | 3    | Pin-Crank (.25)             |
| 33   | 127-3099    | 3    | Piston ASM (0.25 O.S.)      |
| 35   | 127-3100    | 3    | Piston Ring ASM (0.25 O.S.) |



## Lubrication and Oil System Assembly

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 1    | 127-3101    | 1    | Oil Lube Pump ASM |
| 13   | 127-3004    | 1    | Gasket            |
| 14   | 125-7232    | 4    | Bolt              |
| 15   | 125-7171    | 1    | Plug-Drain        |
| 16   | 125-6987    | 1    | Dipstick          |
| 17   | 125-6954    | 1    | Guide-Dipstick    |
| 18   | 125-7022    | 1    | Gasket            |
| 19   | 127-3803    | 1    | Pipe ASM          |
| 20   | 125-7217    | 2    | Bolt              |
| 21   | 125-7074    | 1    | Cooler ASM        |
| 22   | 125-7075    | 1    | O-Ring            |
| 23   | 125-7041    | 1    | Nut-Cooler, Oil   |
| 24   | 125-6989    | 1    | Bracket ASM       |

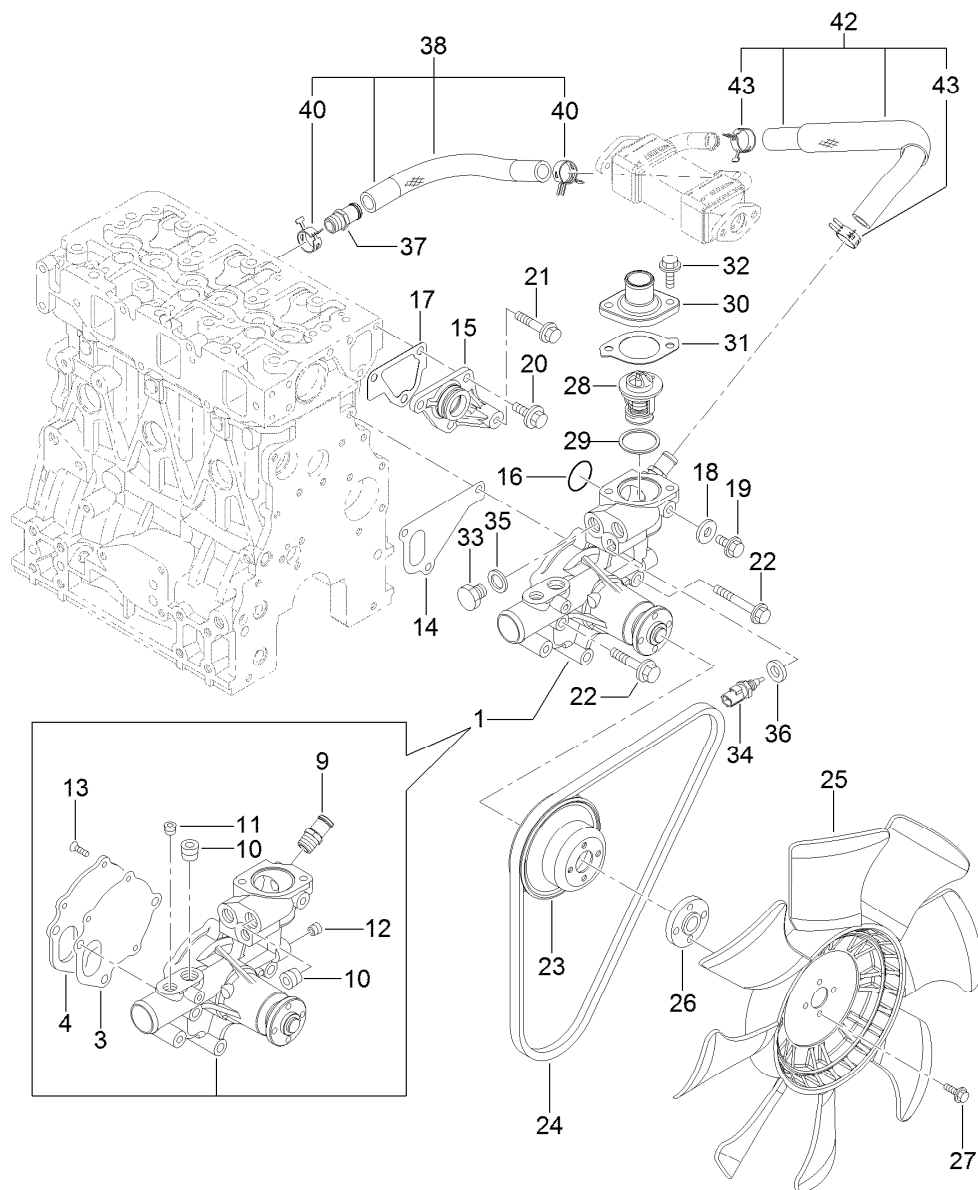
| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 26   | 125-7042    | 1    | Stud               |
| 27   | 125-7024    | 1    | Gasket             |
| 29   | 125-6990    | 1    | Joint              |
| 30   | 125-7078    | 1    | Pipe ASM           |
| 31   | 125-7162    | 1    | Clip               |
| 33   | 125-7191    | 1    | Clamp-Hose         |
| 34   | 127-3804    | 1    | Pipe ASM           |
| 35   | 125-7162    | 1    | Clip               |
| 37   | 127-3805    | 1    | Tube               |
| 38   | 125-7191    | 1    | Clamp-Hose         |
| 39   | 125-7001    | 1    | Elbow              |
| 40   | 125-7595    | 3    | Bolt               |
| 41   | 125-7025    | 1    | Filter-Engine, Oil |



## Lubrication Oil Line Assembly

| Ref. | Part Number | Qty. | Description       |
|------|-------------|------|-------------------|
| 1    | 125-6918    | 1    | Switch-Oil        |
| 2    | 125-6975    | 1    | Bolt-Joint, Pipe  |
| 3    | 125-6952    | 1    | Bolt-Joint, Pipe  |
| 4    | 127-3806    | 1    | Lube Oil Pipe ASM |
| 5    | 125-6976    | 1    | Retainer          |
| 6    | 125-7175    | 2    | Washer-Seal       |
| 7    | 125-7193    | 2    | Gasket            |
| 8    | 93-0362     | 1    | Bolt              |

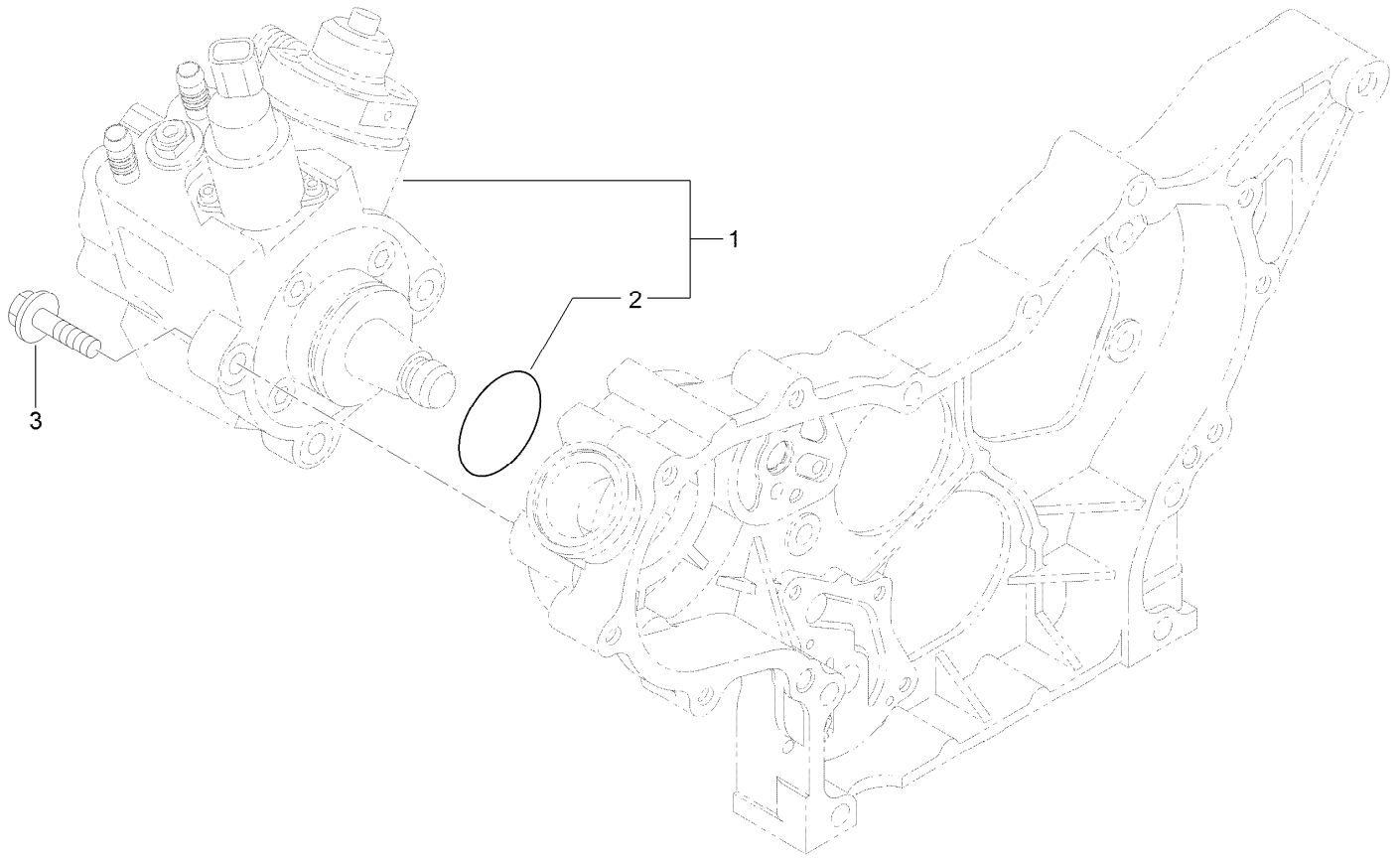
| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 9    | 127-3807    | 1    | Pipe-Return, Lube Oil |
| 10   | 127-3808    | 1    | Joint                 |
| 11   | 127-3169    | 2    | Clamp-Hose            |
| 12   | 125-7198    | 1    | O-Ring                |
| 13   | 125-7208    | 2    | Bolt                  |
| 14   | 125-7105    | 3    | Check Valve ASM       |
| 20   | 125-7098    | 3    | Nozzle                |
| 21   | 125-7182    | 3    | Pin-Spring            |



## Cooling Water System Assembly

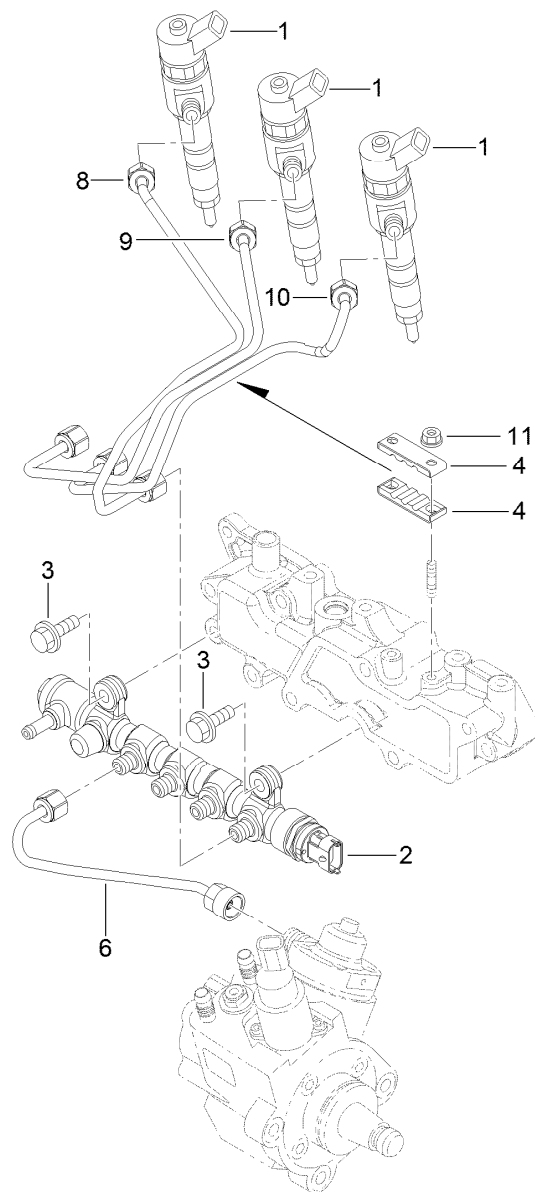
| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 1    | 127-3071    | 1    | Water Pump ASM |
| 3    | 125-6998    | 1    | Gasket         |
| 4    | 125-6999    | 1    | Plate          |
| 9    | 127-3017    | 1    | Joint          |
| 10   | 125-7123    | 2    | Plug           |
| 11   | 127-3175    | 1    | Plug           |
| 12   | 125-7195    | 1    | Plug           |
| 13   | 125-7234    | 3    | Screw          |
| 14   | 125-7047    | 1    | Gasket         |
| 15   | 125-6986    | 1    | Joint          |
| 16   | 125-7048    | 1    | O-Ring         |
| 17   | 125-6978    | 1    | Gasket         |
| 18   | 125-7192    | 1    | Gasket         |
| 19   | 93-0362     | 1    | Bolt           |
| 20   | 125-7214    | 3    | Bolt           |
| 21   | 125-7219    | 1    | Bolt           |
| 22   | 125-7222    | 3    | Bolt           |
| 23   | 125-7039    | 1    | V-Pulley       |

| Ref. | Part Number | Qty. | Description           |
|------|-------------|------|-----------------------|
| 24   | 127-2998    | 1    | V-Belt                |
| 25   | 127-3809    | 1    | Fan                   |
| 26   | 127-3810    | 1    | Spacer                |
| 27   | 125-7209    | 4    | Bolt                  |
| 28   | 125-7029    | 1    | Thermostat            |
| 29   | 125-7026    | 1    | Gasket                |
| 30   | 125-7034    | 1    | Cover                 |
| 31   | 125-7110    | 1    | Gasket                |
| 32   | 125-7594    | 2    | Bolt                  |
| 33   | 125-6953    | 1    | Plug                  |
| 34   | 125-7124    | 1    | Sensor-Thermostat, CW |
| 35   | 125-6979    | 1    | Gasket                |
| 36   | 125-7176    | 1    | Washer-Seal           |
| 37   | 127-3017    | 1    | Joint                 |
| 38   | 127-3072    | 1    | Water In Pipe ASM     |
| 40   | 127-3020    | 2    | Clip-Hose             |
| 42   | 127-3811    | 1    | CW Pipe ASM           |
| 43   | 127-3020    | 2    | Clip-Hose             |



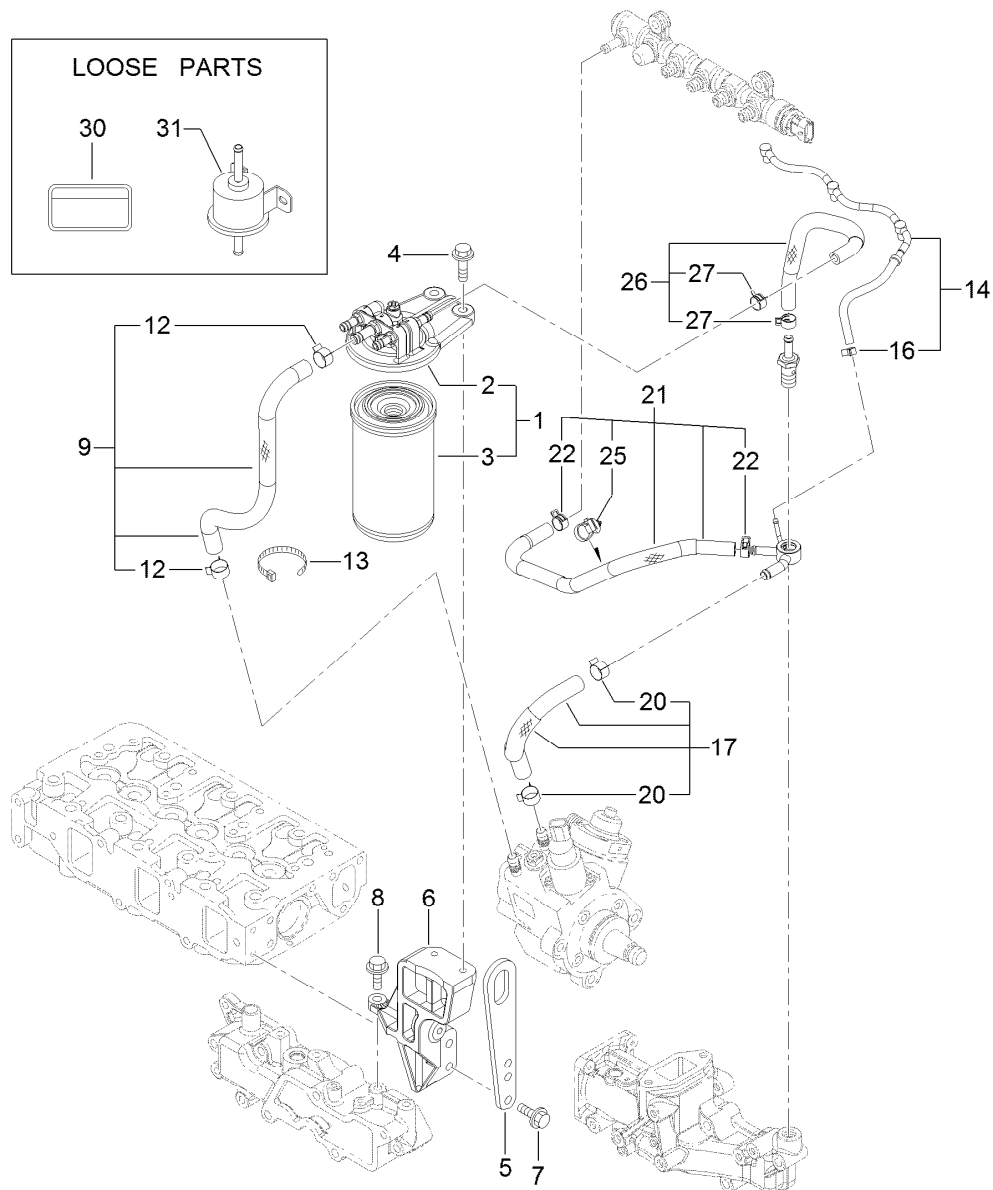
## Fuel System Assembly

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 127-3073           | 1           | Fuel Pump ASM      |
| 2           | 127-3074           | 1           | O-Ring             |
| 3           | 125-7216           | 3           | Bolt               |



## Fuel Injection Valve Assembly

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 1    | 127-3104    | 3    | Injector ASM       |
| 2    | 127-3812    | 1    | Rail ASM           |
| 3    | 125-7215    | 2    | Bolt               |
| 4    | 127-3813    | 2    | Retainer           |
| 6    | 127-3082    | 1    | Rail In Pipe ASM   |
| 8    | 127-3814    | 1    | Injection Pipe ASM |
| 9    | 127-3083    | 1    | Injection Pipe ASM |
| 10   | 127-3084    | 1    | Injection Pipe ASM |
| 11   | 125-7231    | 2    | Nut                |

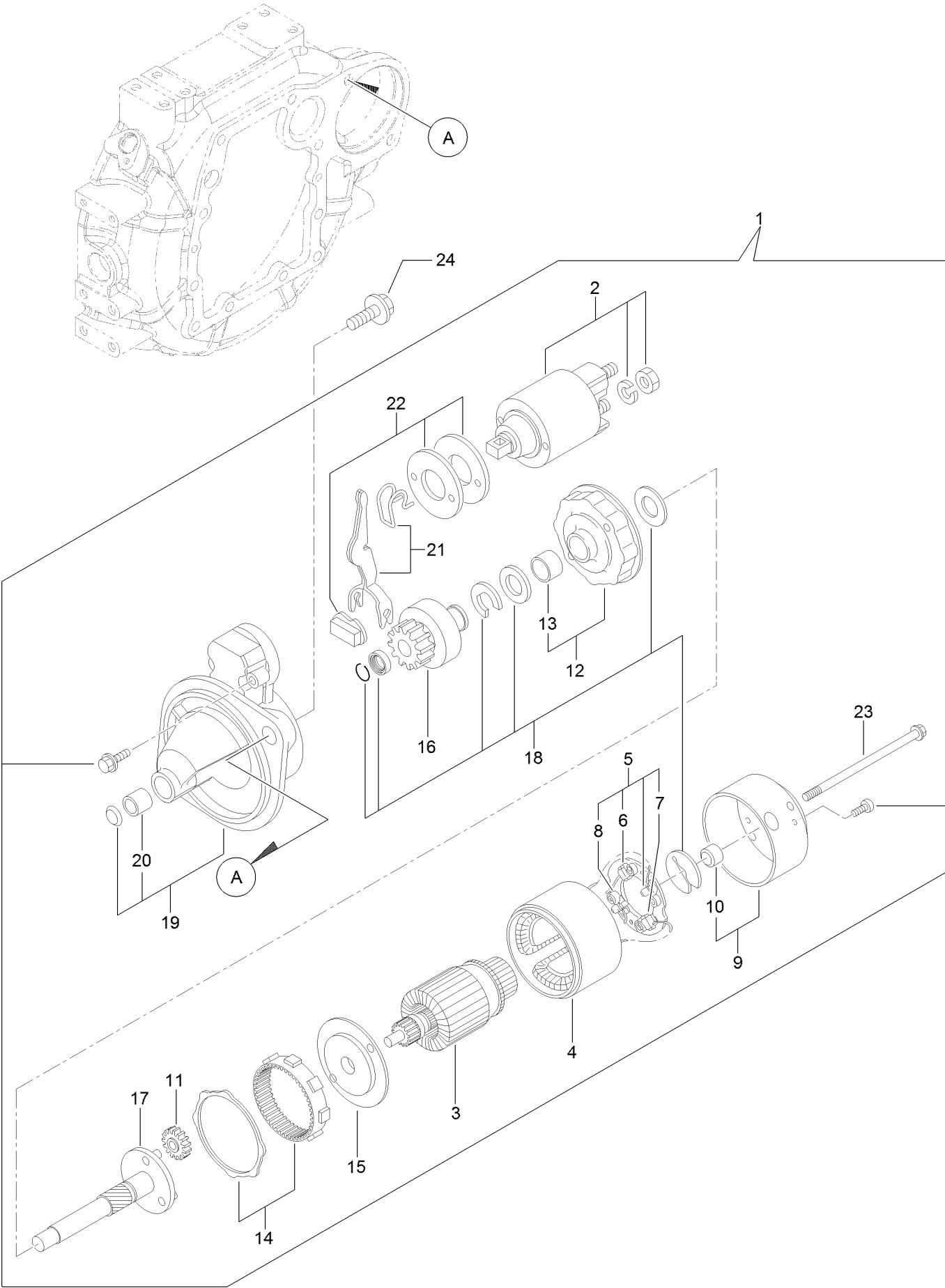


## Fuel Line Assembly

| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 1    | 127-3075    | 1    | Fuel/Oil Filter ASM         |
| 2    | 127-3076    | 1    | Fuel/Oil Filter Bracket ASM |
| 3    | 125-8752    | 1    | Filter-Fuel/Oil             |
| 4    | 125-7216    | 2    | Bolt                        |
| 5    | 125-7111    | 1    | Lifter                      |
| 6    | 127-3815    | 1    | Filter Bracket ASM          |
| 7    | 125-7215    | 2    | Bolt                        |
| 8    | 125-7215    | 1    | Bolt                        |
| 9    | 127-3077    | 1    | Fuel Pipe ASM               |
| 12   | 125-7191    | 2    | Clamp-Hose                  |
| 13   | 127-2981    | 1    | Band                        |

| Ref. | Part Number | Qty. | Description              |
|------|-------------|------|--------------------------|
| 14   | 127-3816    | 1    | Fuel/Oil Return Pipe ASM |
| 16   | 127-3172    | 1    | Clamp-Hose               |
| 17   | 127-3078    | 1    | Fuel Pipe ASM            |
| 20   | 125-7191    | 2    | Clamp-Hose               |
| 21   | 127-3817    | 1    | Fuel Pipe ASM            |
| 22   | 127-2950    | 2    | Clip-Hose                |
| 25   | 127-3087    | 1    | Band-Clip                |
| 26   | 127-3079    | 1    | Fuel Pipe ASM            |
| 27   | 127-2950    | 2    | Clip-Hose                |
| 30   | 125-6900    | 1    | Label-Caution, Fuel Oil  |
| 31   | 121-5613    | 1    | Pump-Fuel, Electric      |

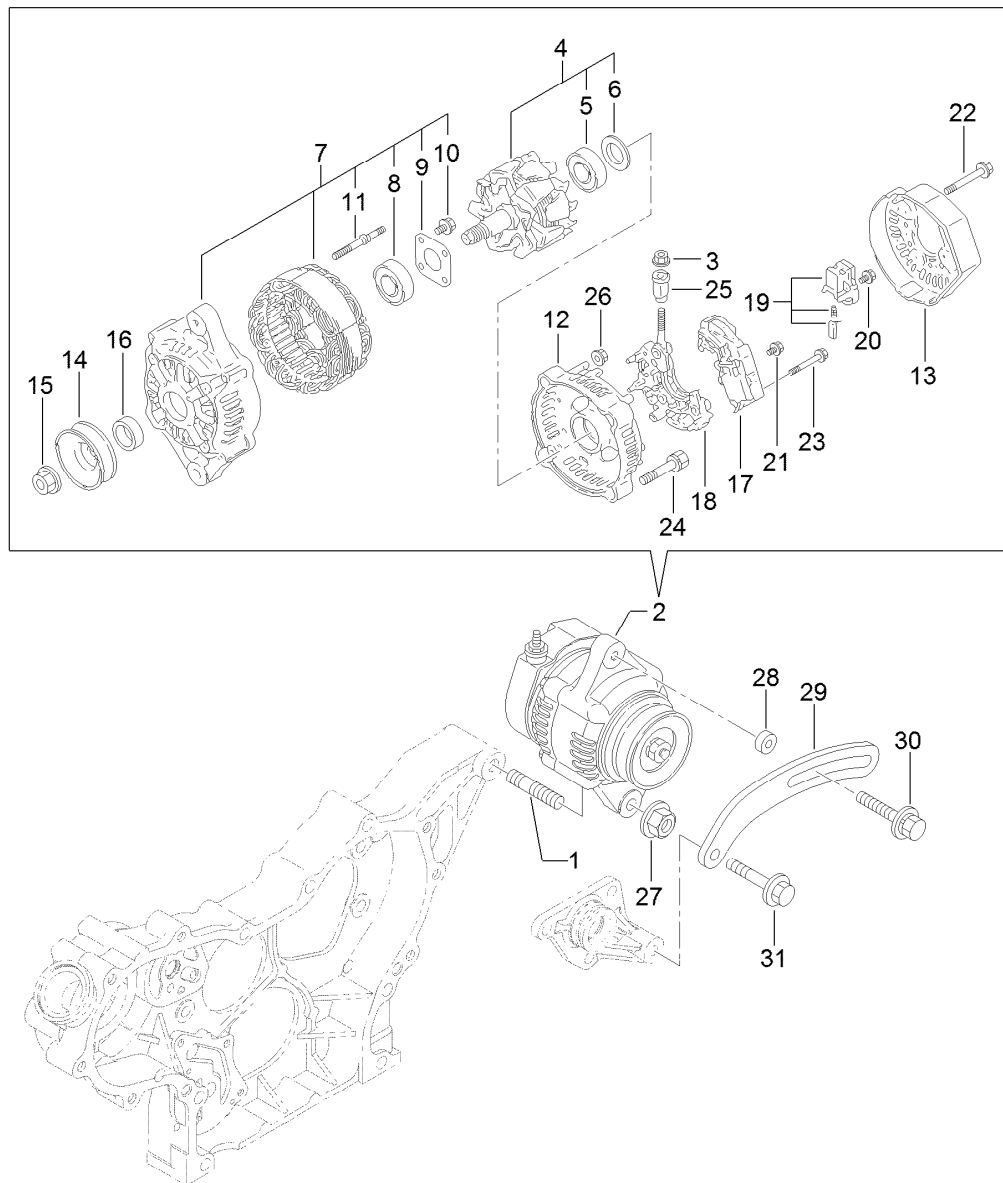
# Starting Motor Assembly



## Starting Motor Assembly (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 1           | 127-3818           | 1           | Starter ASM        |
| 2           | 127-3819           | 1           | Switch ASM         |
| 3           | 127-3820           | 1           | Armature ASM       |
| 4           | 127-3821           | 1           | Yoke ASM           |
| 5           | 127-3822           | 1           | Brush Holder ASM   |
| 6           | 127-3823           | 2           | Brush              |
| 7           | 127-3824           | 1           | Brush Set          |
| 8           | 127-3825           | 4           | Spring             |
| 9           | 127-3826           | 1           | Cover ASM          |
| 10          | 127-3827           | 1           | Metal              |
| 11          | 127-3828           | 3           | Gear               |
| 12          | 127-3829           | 1           | Bracket            |

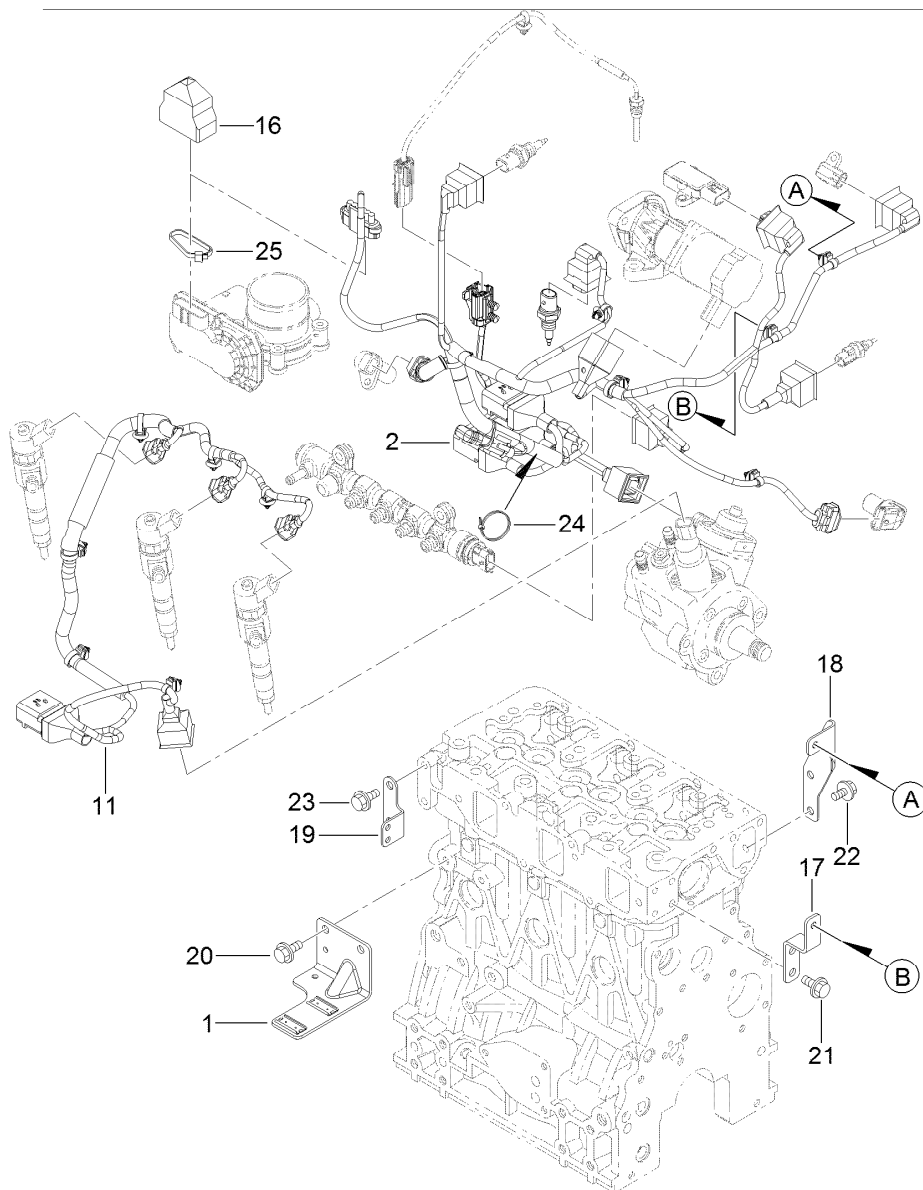
| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 13          | 127-3830           | 1           | Bracket            |
| 14          | 127-3831           | 1           | Gear               |
| 15          | 127-3832           | 1           | Bracket            |
| 16          | 127-3833           | 1           | Pinion ASM         |
| 17          | 127-3834           | 1           | Shaft              |
| 18          | 127-3835           | 1           | Washer Set         |
| 19          | 127-3836           | 1           | Case ASM           |
| 20          | 127-3837           | 1           | Metal-Starter      |
| 21          | 127-3838           | 1           | Lever Set          |
| 22          | 127-3839           | 1           | Dust Cover ASM     |
| 23          | 127-3840           | 2           | Bolt-Through       |
| 24          | 125-7225           | 2           | Bolt               |



## Generator Assembly

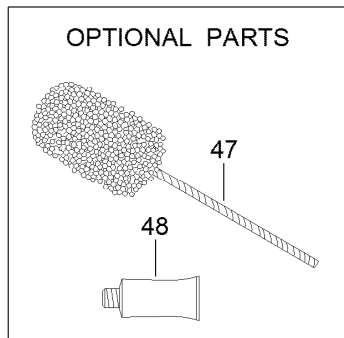
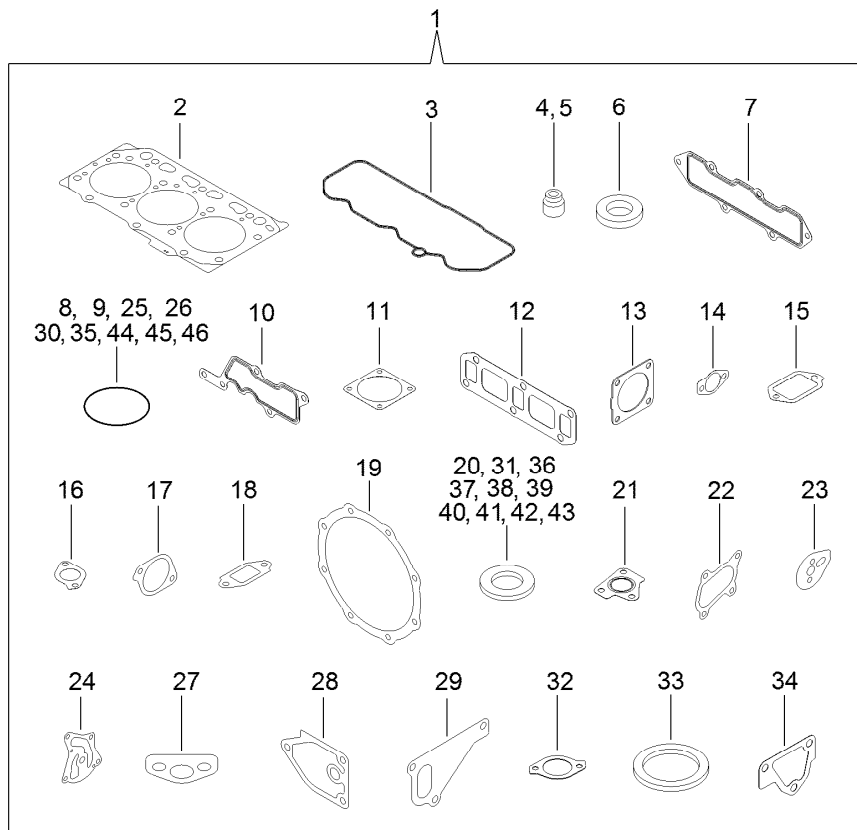
| Ref. | Part Number | Qty. | Description    |
|------|-------------|------|----------------|
| 1    | 127-3011    | 1    | Stud           |
| 2    | 127-3841    | 1    | Generator      |
| 3    | 127-3842    | 1    | Nut            |
| 4    | 127-3843    | 1    | Rotor ASM      |
| 5    | 127-2983    | 1    | Bearing-Ball   |
| 6    | 127-2962    | 1    | Cover          |
| 7    | 127-3844    | 1    | Frame ASM      |
| 8    | 127-2958    | 1    | Bearing-Ball   |
| 9    | 127-2959    | 1    | Plate-Retainer |
| 10   | 127-2960    | 4    | Screw          |
| 11   | 127-2961    | 2    | Stud           |
| 12   | 127-3845    | 1    | Frame          |
| 13   | 127-3846    | 1    | Cover          |
| 14   | 127-2954    | 1    | Pulley         |
| 15   | 127-2955    | 1    | Nut            |
| 16   | 127-2957    | 1    | Collar         |

| Ref. | Part Number | Qty. | Description        |
|------|-------------|------|--------------------|
| 17   | 127-3847    | 1    | Regulator ASM      |
| 18   | 127-3848    | 1    | Holder             |
| 19   | 127-2993    | 1    | Holder             |
| 20   | 127-2965    | 6    | Screw              |
| 21   | 127-2966    | 1    | Screw              |
| 22   | 127-2967    | 3    | Bolt               |
| 23   | 127-2968    | 2    | Screw              |
| 24   | 127-2969    | 2    | Bolt               |
| 25   | 127-2970    | 1    | Bushing-Insulation |
| 26   | 127-2971    | 2    | Nut                |
| 27   | 125-7230    | 1    | Nut                |
| 28   | 125-6947    | 1    | Spacer             |
| 29   | 127-2977    | 1    | Adjuster           |
| 30   | 125-7134    | 1    | Bolt               |
| 31   | 125-7219    | 1    | Bolt               |



## Electric Parts Assembly

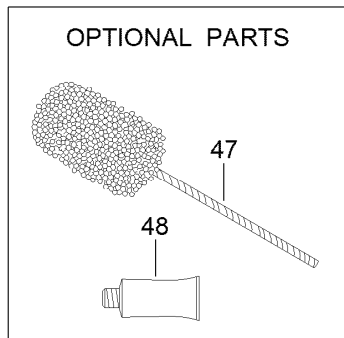
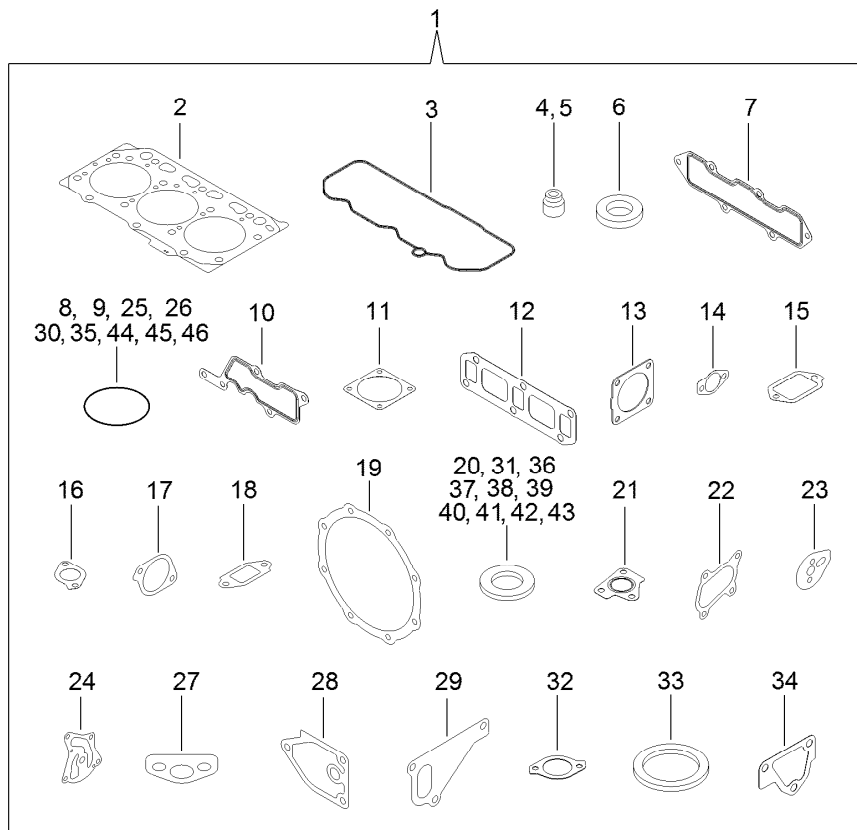
| Ref. | Part Number | Qty. | Description             |
|------|-------------|------|-------------------------|
| 1    | 127-3086    | 1    | Bracket-Connector       |
| 2    | 127-3850    | 1    | Harness B-Engine, E C O |
| 11   | 127-3851    | 1    | Harness                 |
| 16   | 127-3089    | 1    | Boot-Type, Cap          |
| 17   | 127-3852    | 1    | Bracket-Harness         |
| 18   | 127-3853    | 1    | Bracket-Harness         |
| 19   | 127-3090    | 1    | Bracket-Harness         |
| 20   | 93-0362     | 2    | Bolt                    |
| 21   | 93-0362     | 2    | Bolt                    |
| 22   | 93-0362     | 2    | Bolt                    |
| 23   | 93-0362     | 2    | Bolt                    |
| 24   | 127-3187    | 1    | Band                    |
| 25   | 127-3188    | 1    | Band                    |



## Gasket Set

| Ref. | Part Number | Qty. | Description                 |
|------|-------------|------|-----------------------------|
| 1    | 127-3854    | 1    | Gasket Kit                  |
| 2    | 127-3751    | 1    | Head Gasket ASM             |
| 3    | 127-3762    | 1    | Gasket-Cover, Cylinder Head |
| 4    | 127-2986    | 3    | Seal-Stem, Valve            |
| 5    | 127-3027    | 3    | Seal-Stem, Valve            |
| 6    | 127-3021    | 3    | Gasket-Injector             |
| 7    | 127-3769    | 1    | Gasket-Manifold, Intake     |
| 8    | 127-3032    | 2    | O Ring-Sensor, Pressure     |
| 9    | 127-3033    | 1    | O-Ring                      |
| 10   | 127-3034    | 1    | Gasket-Collector            |
| 11   | 127-3037    | 2    | Gasket-Throttle             |
| 12   | 127-3775    | 1    | Gasket-Manifold, Exhaust    |
| 13   | 127-3019    | 1    | Gasket                      |
| 14   | 127-3043    | 2    | Gasket-Cooler, E G R        |
| 15   | 127-3046    | 1    | Gasket-E G R                |
| 16   | 127-3016    | 1    | Gasket                      |
| 17   | 127-3050    | 1    | Gasket-Intake Valve, E G R  |
| 18   | 127-3051    | 1    | Gasket-Out Valve, E G R     |
| 19   | 127-3787    | 2    | Gasket-D P F                |
| 20   | 127-3056    | 4    | Gasket-Sensor               |

| Ref. | Part Number | Qty. | Description          |
|------|-------------|------|----------------------|
| 21   | 127-3799    | 1    | Gasket-In, T C       |
| 22   | 127-3779    | 1    | Gasket-Out, T C      |
| 23   | 127-3069    | 1    | Gasket-Idle, Shaft B |
| 24   | 127-3004    | 1    | Gasket               |
| 25   | 125-6909    | 2    | O-Ring               |
| 26   | 127-2973    | 1    | O-Ring               |
| 27   | 125-7022    | 1    | Gasket               |
| 28   | 125-7024    | 1    | Gasket               |
| 29   | 125-7047    | 1    | Gasket               |
| 30   | 125-7048    | 1    | O-Ring               |
| 31   | 125-6979    | 1    | Gasket               |
| 32   | 125-7110    | 1    | Gasket               |
| 33   | 125-7026    | 1    | Gasket               |
| 34   | 125-6978    | 1    | Gasket               |
| 35   | 127-3074    | 1    | O-Ring               |
| 36   | 125-7174    | 1    | Washer-Seal          |
| 37   | 125-7175    | 2    | Washer-Seal          |
| 38   | 125-7176    | 1    | Washer-Seal          |
| 39   | 127-3166    | 2    | Washer-Seal          |
| 40   | 125-7177    | 1    | Washer-Seal          |
| 41   | 125-7192    | 1    | Gasket               |



## Gasket Set (continued)

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 42          | 125-7193           | 2           | Gasket             |
| 43          | 127-3174           | 2           | Gasket             |
| 44          | 93-0418            | 3           | O-Ring             |
| 45          | 125-7197           | 3           | O-Ring             |

| <i>Ref.</i> | <i>Part Number</i> | <i>Qty.</i> | <i>Description</i> |
|-------------|--------------------|-------------|--------------------|
| 46          | 125-7198           | 1           | O-Ring             |
| 47          | 125-7038           | 1           | Hone               |
| 48          | 125-7248           | 1           | Gasket-Liquid      |

# Attachments and Accessories

## For 30864 Groundsmaster 4300-D Traction Unit

| Product Name                                                           | Model/Part  |
|------------------------------------------------------------------------|-------------|
| 2 Post ROPS Extension Kit.....                                         | 03611       |
| Air Ride Seat Suspension Kit.....                                      | 03667       |
| Wheel Weight Kit .....                                                 | 104-1478    |
| Premium All Purpose Grease (Tube) .....                                | 108-1190    |
| Filter-Air .....                                                       | 108-3810    |
| 22in Combo Blade .....                                                 | 108-7395-03 |
| Weight Plate .....                                                     | 110-8985-03 |
| 22in High Lift Blade.....                                              | 114-0434-03 |
| 22in Atomic Blade.....                                                 | 114-0435-03 |
| Roller Scraper Kit.....                                                | 117-0149    |
| Mulching Kit.....                                                      | 117-0185    |
| 22in Angle Sail Blade.....                                             | 117-0209-03 |
| Hydraulic Hose Kit .....                                               | 117-0289    |
| 22in Rotary Cutting Unit Sectional Roller ASM .....                    | 117-0297    |
| Premium Synthetic Bio-Degradable Hydraulic Fluid (5 Gallon Pail) ..... | 119-2157    |
| Premium Synthetic Bio-Degradable Hydraulic Fluid (55 Gallon Drum)..... | 119-2158    |
| Service Pack-Combo Blade .....                                         | 119-6957    |
| Premium Engine Oil 10w30 (55 Gallon Drum) .....                        | 121-6392    |
| Premium Engine Oil 10w30 (5 Gallon Pail) .....                         | 121-6393    |
| Large Seat Cover.....                                                  | 131-6691    |
| PX Hydraulic Fluid (5 Gal) .....                                       | 133-8086    |
| PX Hydraulic Fluid (55 Gal).....                                       | 133-8087    |
| 22in Rotary Cutting Unit.....                                          | 30845       |
| EU Light Kit.....                                                      | 31579       |
| MVP Kit 1000 Hour .....                                                | 44964       |
| Spark Arrestor .....                                                   | 98-9099     |

**Notes:**

**Notes:**

**Notes:**



**Count on it.**